

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
 Data File : BM041186.D
 Acq On : 31 Jul 2023 13:06
 Operator : MA/JU
 Sample : PB154262BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154262BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/01/2023
 Supervised By :mohammad ahmed 08/01/2023

Quant Time: Jul 31 16:33:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 31 16:29:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	140691	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	536661	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	281972	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	545269	20.000	ng	0.00
76) Chrysene-d12	21.421	240	549852	20.000	ng	0.00
86) Perylene-d12	23.791	264	640278	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	765740	81.346	ng	0.00
7) Phenol-d6	6.975	99	935696	76.684	ng	0.00
23) Nitrobenzene-d5	8.975	82	896961	77.726	ng	0.00
42) 2,4,6-Tribromophenol	15.962	330	319937	80.218	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	1815699	81.344	ng	0.00
79) Terphenyl-d14	19.862	244	2601280	85.537	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.263	88	116163	28.846	ng	99
3) Pyridine	3.669	79	320690	30.287	ng	98
4) n-Nitrosodimethylamine	3.587	42	179096	36.572	ng	89
6) Aniline	7.134	93	511379	35.811	ng	98
8) 2-Chlorophenol	7.363	128	395683	43.057	ng	100
9) Benzaldehyde	6.945	77	230050m	35.730	ng	
10) Phenol	7.004	94	500066	42.432	ng	100
11) bis(2-Chloroethyl)ether	7.234	93	393197	41.217	ng	98
12) 1,3-Dichlorobenzene	7.687	146	432444	43.230	ng	97
13) 1,4-Dichlorobenzene	7.834	146	435449	43.309	ng	99
14) 1,2-Dichlorobenzene	8.151	146	418566	43.418	ng	99
15) Benzyl Alcohol	8.057	79	345146	44.791	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.339	45	513189	40.375	ng	98
17) 2-Methylphenol	8.257	107	326724	40.579	ng	99
18) Hexachloroethane	8.869	117	163420	43.658	ng	97
19) n-Nitroso-di-n-propyla...	8.622	70	303313	40.925	ng	97
20) 3+4-Methylphenols	8.586	107	433112	40.232	ng	98
22) Acetophenone	8.639	105	576233	40.542	ng	# 98
24) Nitrobenzene	9.016	77	453496	38.860	ng	100
25) Isophorone	9.545	82	779981	39.817	ng	99
26) 2-Nitrophenol	9.728	139	199223	43.669	ng	96
27) 2,4-Dimethylphenol	9.792	122	344967	42.971	ng	99
28) bis(2-Chloroethoxy)met...	10.028	93	490223	39.951	ng	99
29) 2,4-Dichlorophenol	10.263	162	346946	42.856	ng	100
30) 1,2,4-Trichlorobenzene	10.469	180	383687	42.897	ng	99
31) Naphthalene	10.657	128	1161893	39.897	ng	99
32) Benzoic acid	9.945	122	219174	38.088	ng	99
33) 4-Chloroaniline	10.786	127	266155	22.869	ng	99
34) Hexachlorobutadiene	10.928	225	230702	42.886	ng	98
35) Caprolactam	11.592	113	95875	40.939	ng	91
36) 4-Chloro-3-methylphenol	11.916	107	350777	41.167	ng	98
37) 2-Methylnaphthalene	12.274	142	764395	38.933	ng	99
38) 1-Methylnaphthalene	12.498	142	714153	38.863	ng	99
40) 1,2,4,5-Tetrachloroben...	12.645	216	394195	43.053	ng	99
41) Hexachlorocyclopentadiene	12.616	237	544533	112.416	ng	99
43) 2,4,6-Trichlorophenol	12.892	196	258986	44.132	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	277604	40.871	ng	99
46) 1,1'-Biphenyl	13.292	154	947405	41.445	ng	99
47) 2-Chloronaphthalene	13.339	162	734305	43.022	ng	99
48) 2-Nitroaniline	13.563	65	223831	41.084	ng	97
49) Acenaphthylene	14.186	152	1141957	41.451	ng	100
50) Dimethylphthalate	13.933	163	870205	41.027	ng	99
51) 2,6-Dinitrotoluene	14.063	165	187510	42.666	ng	98
52) Acenaphthene	14.527	154	682818	41.142	ng	100
53) 3-Nitroaniline	14.392	138	151160	30.705	ng	98
54) 2,4-Dinitrophenol	14.604	184	218426	74.065	ng	94
55) Dibenzofuran	14.868	168	1087284	40.154	ng	99
56) 4-Nitrophenol	14.710	139	355915	97.172	ng	96
57) 2,4-Dinitrotoluene	14.851	165	249981	40.285	ng	94
58) Fluorene	15.521	166	867367	40.604	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	241278	43.867	ng	99
60) Diethylphthalate	15.298	149	852202	41.547	ng	99
61) 4-Chlorophenyl-phenyle...	15.515	204	439822	41.088	ng	98
62) 4-Nitroaniline	15.563	138	175082	38.272	ng	99
63) Azobenzene	15.810	77	889982	39.611	ng	97
65) 4,6-Dinitro-2-methylph...	15.615	198	135477	41.014	ng	98
66) n-Nitrosodiphenylamine	15.733	169	718642	42.377	ng	99
67) 4-Bromophenyl-phenylether	16.410	248	255730	42.775	ng	98
68) Hexachlorobenzene	16.521	284	302136	45.449	ng	98
69) Atrazine	16.698	200	248446	55.787	ng	100
70) Pentachlorophenol	16.874	266	417782	90.757	ng	98
71) Phenanthrene	17.268	178	1285321	42.426	ng	100
72) Anthracene	17.357	178	1288809	43.014	ng	100
73) Carbazole	17.639	167	1193248	44.000	ng	100
74) Di-n-butylphthalate	18.198	149	1342390	43.804	ng	100
75) Fluoranthene	19.292	202	1468416	43.143	ng	100
77) Benzidine	19.492	184	867655	115.773	ng	99
78) Pyrene	19.656	202	1569387	40.814	ng	100
80) Butylbenzylphthalate	20.562	149	603001	42.943	ng	97
81) Benzo(a)anthracene	21.409	228	1643375	44.087	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	522571	42.963	ng	99
83) Chrysene	21.462	228	1514246	41.999	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	876708	39.775	ng	98
85) Di-n-octyl phthalate	22.250	149	1569469	44.225	ng	97
87) Indeno(1,2,3-cd)pyrene	26.244	276	2108771	44.797	ng	99
88) Benzo(b)fluoranthene	23.074	252	1767521	46.469	ng	98
89) Benzo(k)fluoranthene	23.121	252	1666350	42.828	ng	99
90) Benzo(a)pyrene	23.686	252	1515900	41.477	ng	99
91) Dibenzo(a,h)anthracene	26.256	278	1781651	45.376	ng	98
92) Benzo(g,h,i)perylene	26.991	276	1688225	43.942	ng	98

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

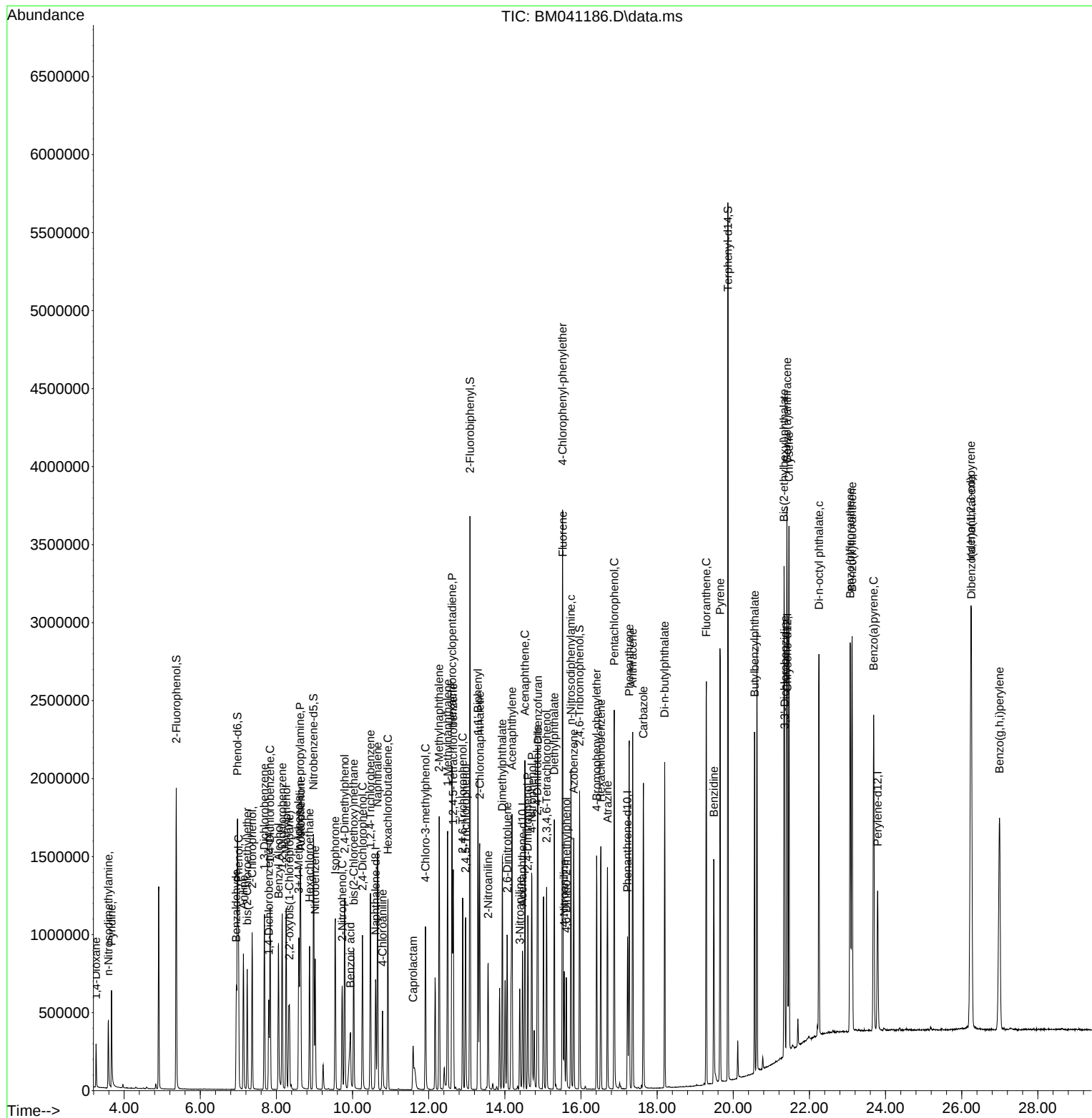
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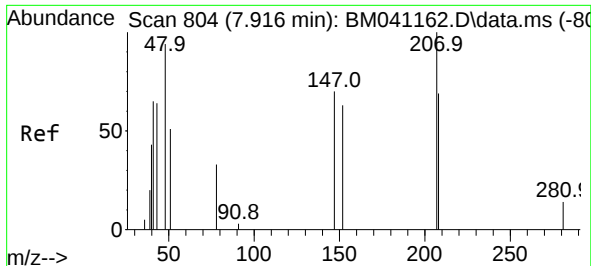
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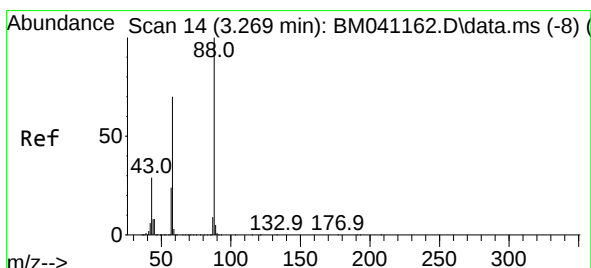
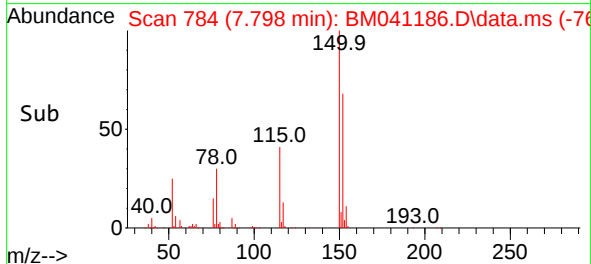
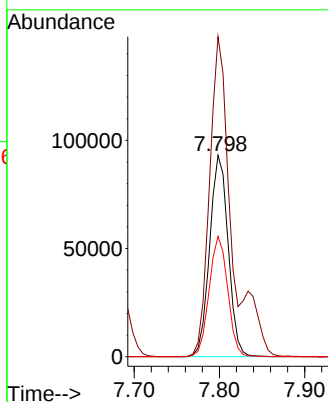
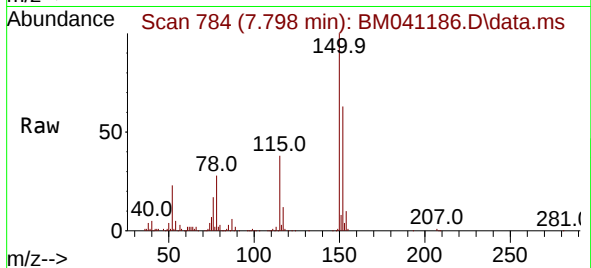
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

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Tgt Ion:152 Resp: 14069
Ion Ratio Lower Upper
152 100
150 159.0 125.5 188.3
115 59.8 48.0 72.0

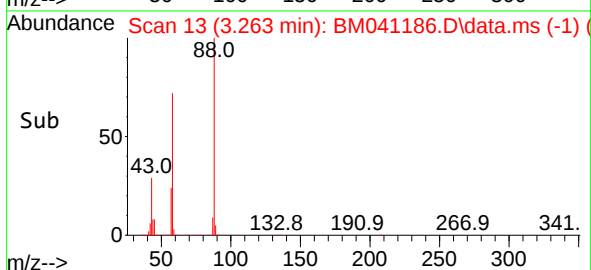
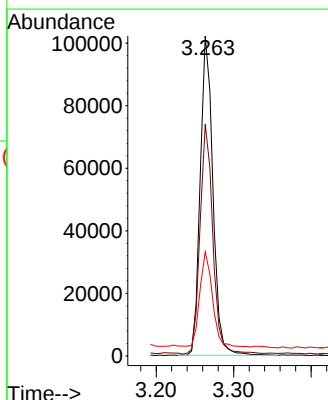
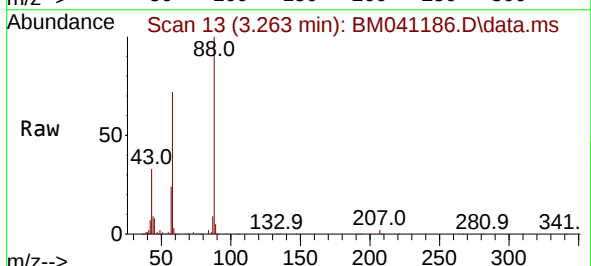
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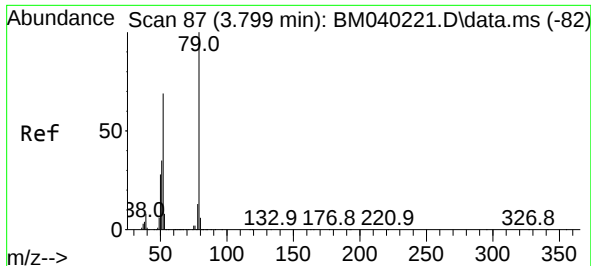
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023



#2
1,4-Dioxane
Concen: 28.846 ng
RT: 3.263 min Scan# 13
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

Tgt Ion: 88 Resp: 116163
Ion Ratio Lower Upper
88 100
58 72.5 58.2 87.4
43 29.6 24.4 36.6





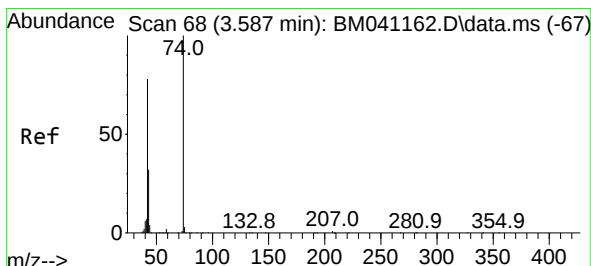
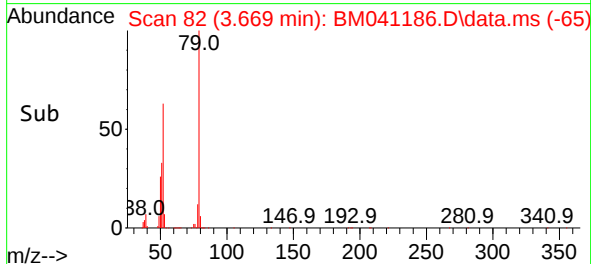
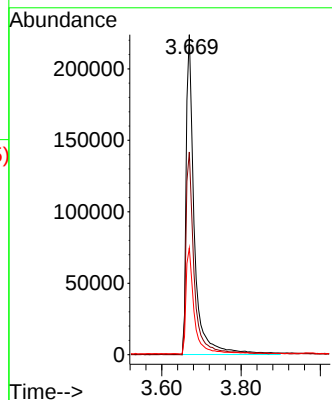
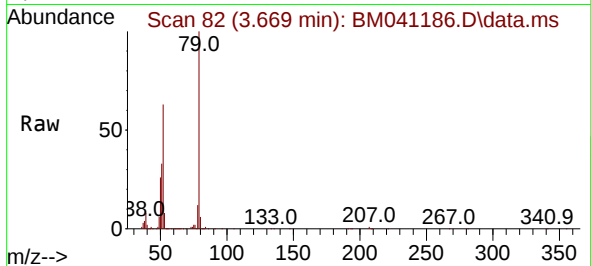
#3
 Pyridine
 Concen: 30.287 ng
 RT: 3.669 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM041186.D
 Acq: 31 Jul 2023 13:06

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Tgt Ion: 79 Resp: 320690
 Ion Ratio Lower Upper
 79 100
 52 63.3 52.1 78.1
 51 33.4 27.5 41.3

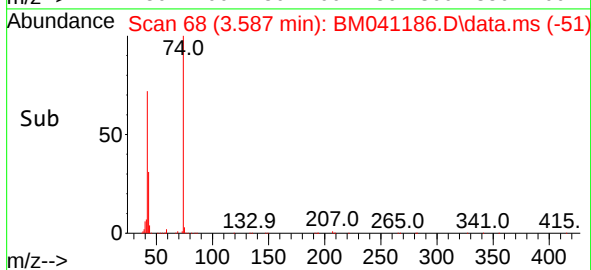
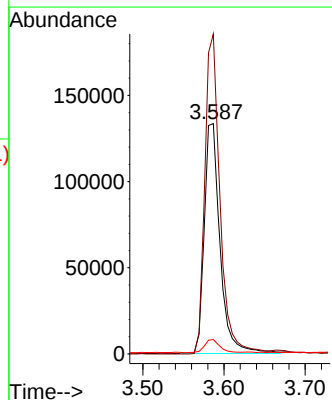
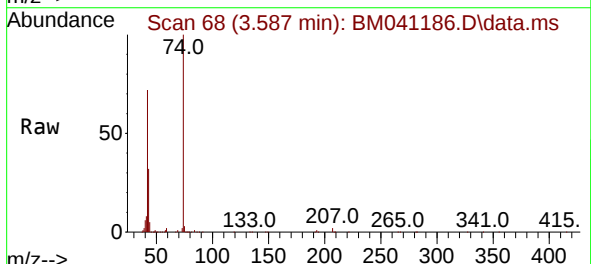
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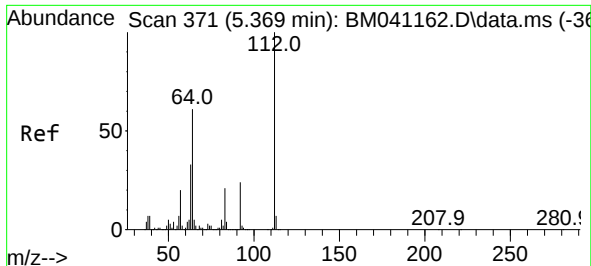
Reviewed By :Yogesh Patel 08/01/2023
 Supervised By :mohammad ahmed 08/01/2023



#4
 n-Nitrosodimethylamine
 Concen: 36.572 ng
 RT: 3.587 min Scan# 68
 Delta R.T. -0.000 min
 Lab File: BM041186.D
 Acq: 31 Jul 2023 13:06

Tgt Ion: 42 Resp: 179096
 Ion Ratio Lower Upper
 42 100
 74 138.9 100.8 151.2
 44 6.3 5.0 7.4





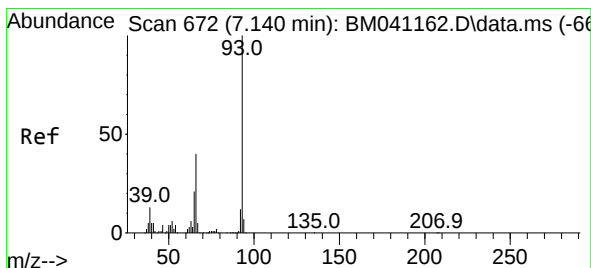
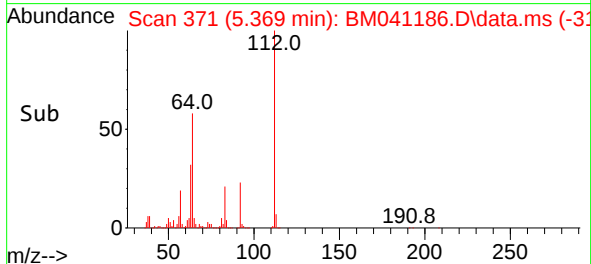
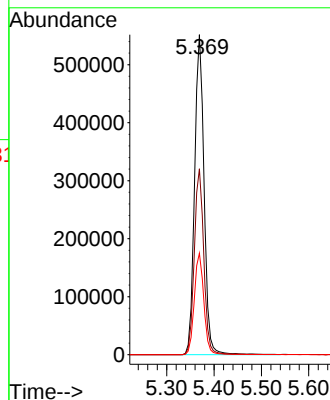
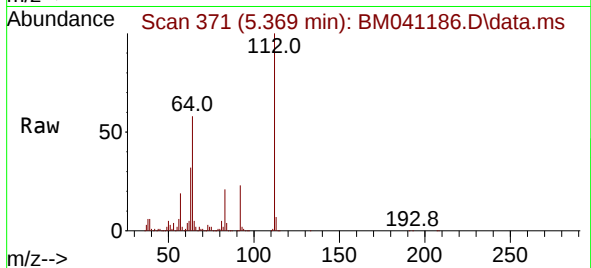
#5
2-Fluorophenol
Concen: 81.346 ng
RT: 5.369 min Scan# 371
Delta R.T. 0.006 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

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ClientSampleId :
PB154262BSD

Tgt Ion:112 Resp: 765740
Ion Ratio Lower Upper
112 100
64 58.1 48.5 72.7
63 31.7 26.5 39.7

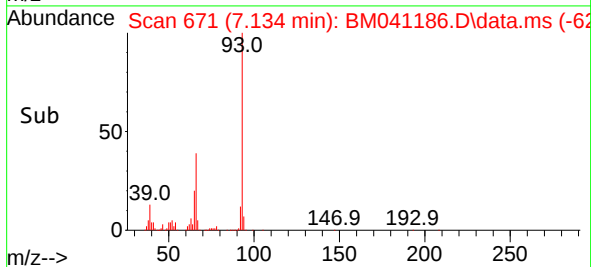
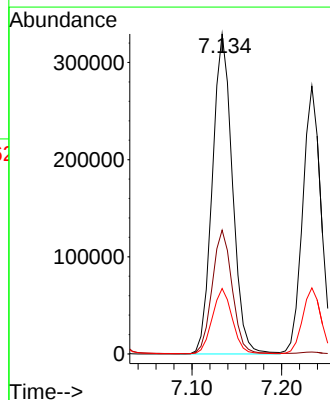
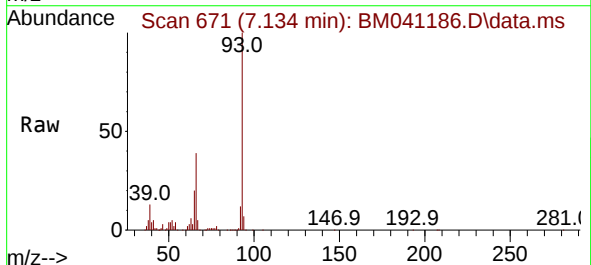
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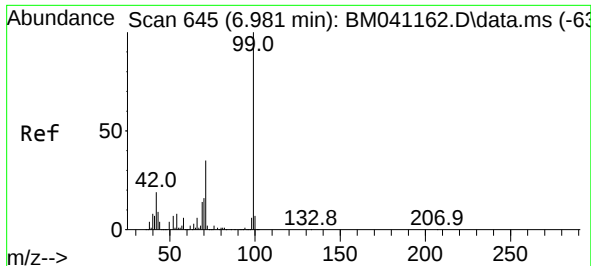
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#6
Aniline
Concen: 35.811 ng
RT: 7.134 min Scan# 671
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

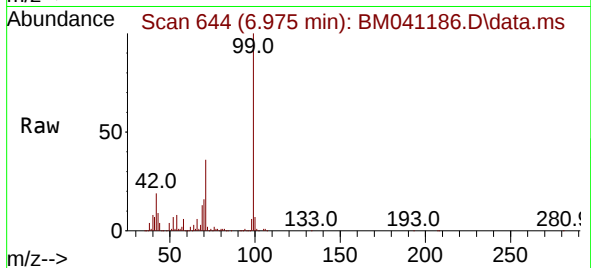
Tgt Ion: 93 Resp: 511379
Ion Ratio Lower Upper
93 100
66 38.7 32.0 48.0
65 20.4 16.6 24.8





#7
Phenol-d6
Concen: 76.684 ng
RT: 6.975 min Scan# 64
Delta R.T. -0.000 min
Lab File: BM041186.D
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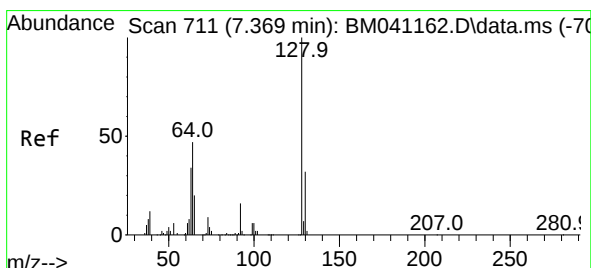
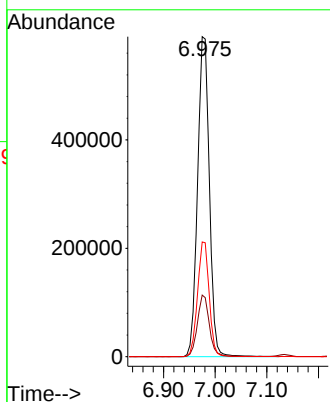
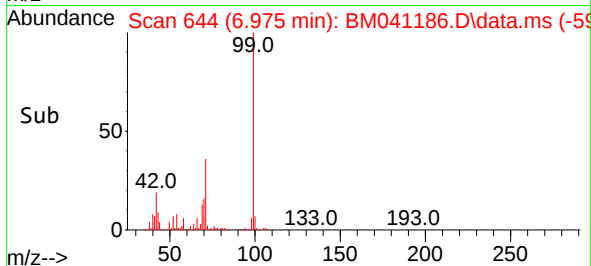
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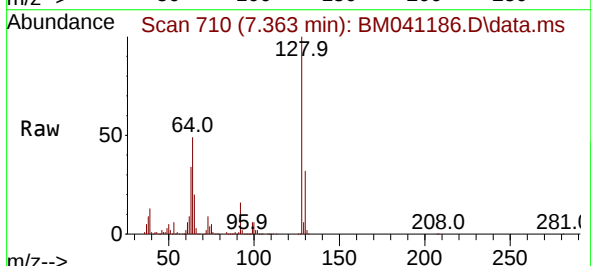
Tgt Ion: 99 Resp: 935690
Ion Ratio Lower Upper
99 100
42 19.3 15.4 23.0
71 35.9 28.2 42.4

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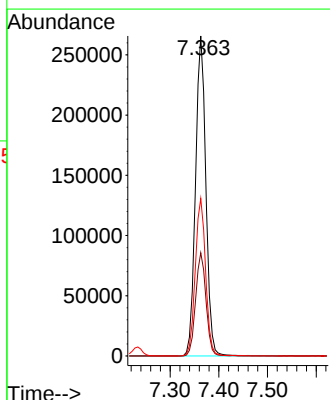
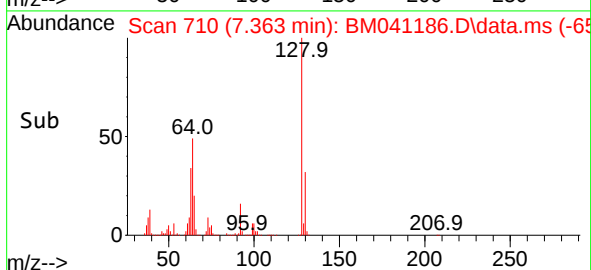
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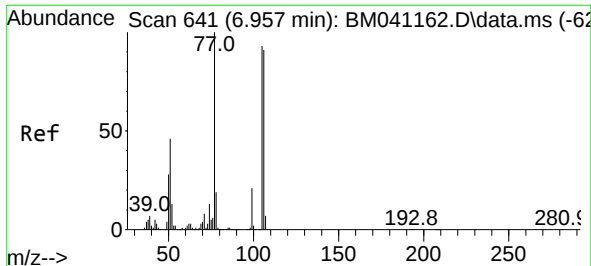


#8
2-Chlorophenol
Concen: 43.057 ng
RT: 7.363 min Scan# 710
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06



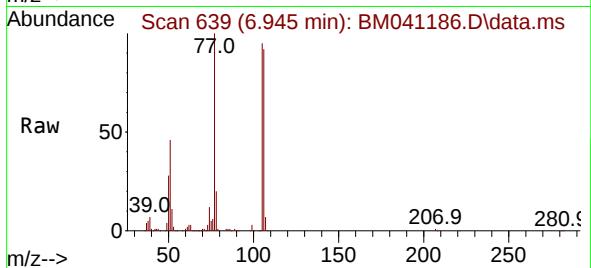
Tgt Ion:128 Resp: 395683
Ion Ratio Lower Upper
128 100
130 32.3 12.3 52.3
64 49.2 29.3 69.3





#9
Benzaldehyde
Concen: 35.730 ng m
RT: 6.945 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM041186.D
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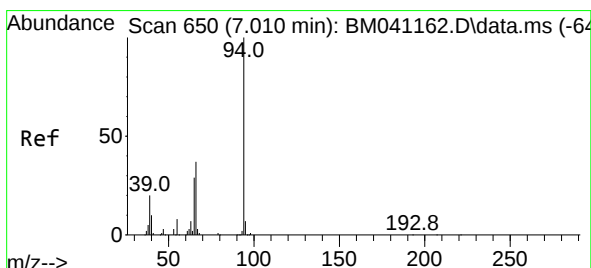
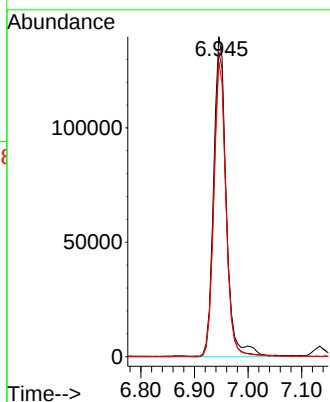
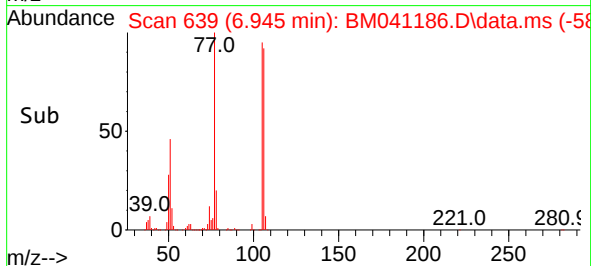
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Tgt Ion: 77 Resp: 230050
Ion Ratio Lower Upper
77 100
105 95.2 72.8 112.8
106 92.1 70.8 110.8

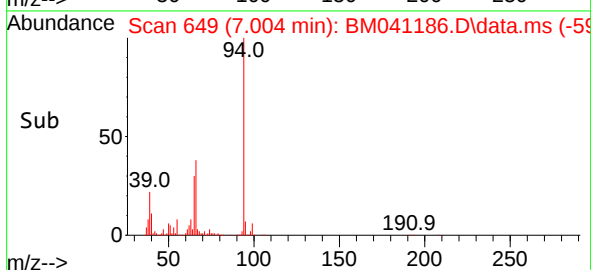
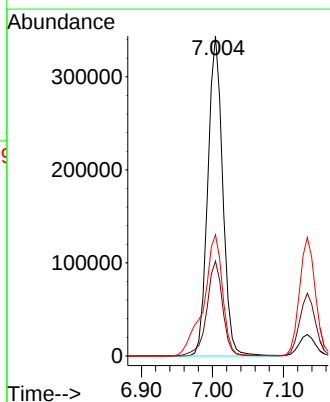
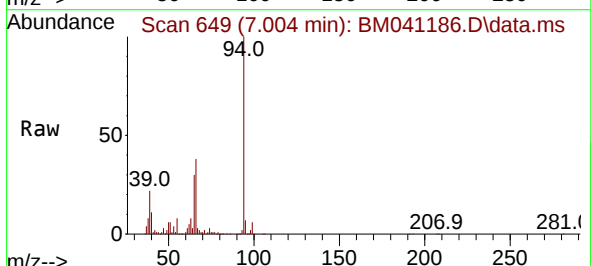
Manual Integrations
APPROVED

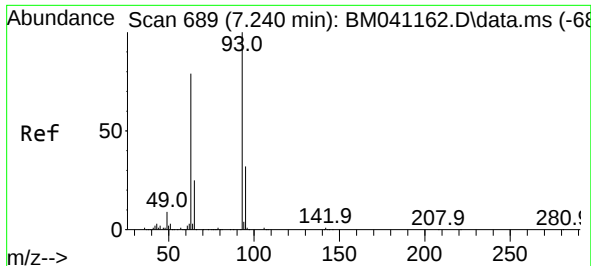
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023



#10
Phenol
Concen: 42.432 ng
RT: 7.004 min Scan# 649
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

Tgt Ion: 94 Resp: 500066
Ion Ratio Lower Upper
94 100
65 29.7 9.5 49.5
66 37.9 18.0 58.0





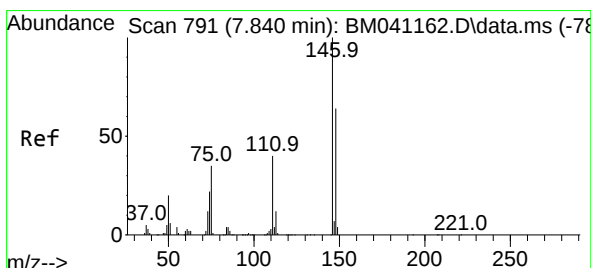
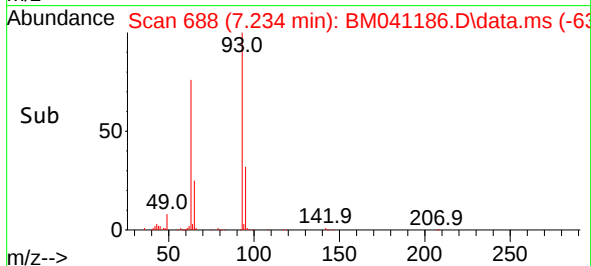
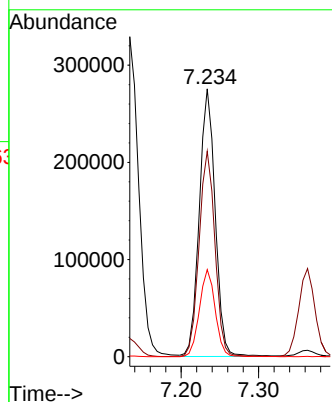
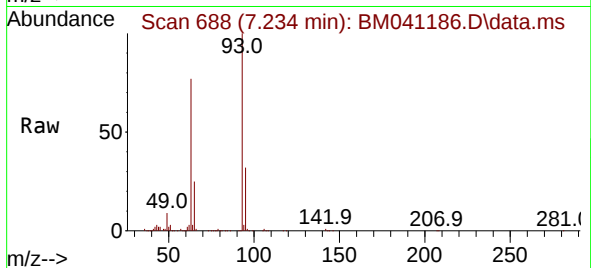
#11
bis(2-Chloroethyl)ether
Concen: 41.217 ng
RT: 7.234 min Scan# 611
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

Instrument :
BNA_M
ClientSampleId :
PB154262BSD

Tgt Ion: 93 Resp: 393197
Ion Ratio Lower Upper
93 100
63 76.7 58.8 98.8
95 32.5 11.8 51.8

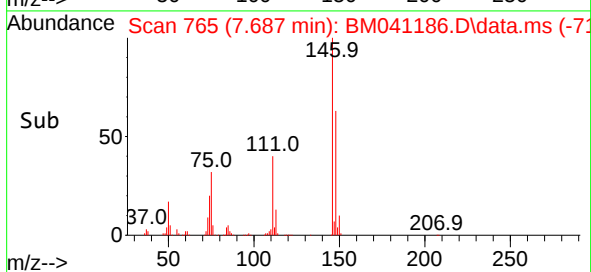
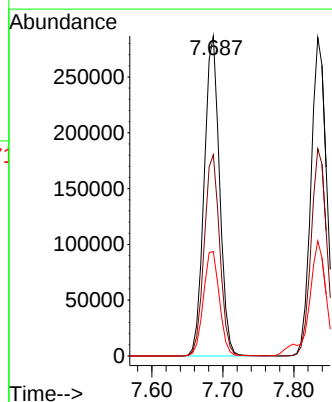
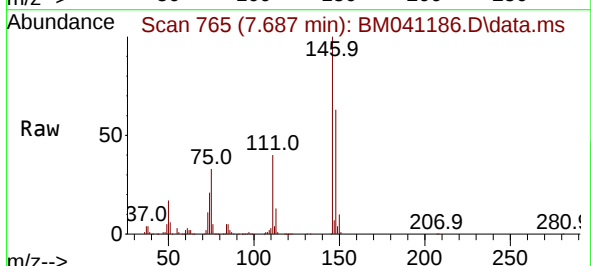
Manual Integrations
APPROVED

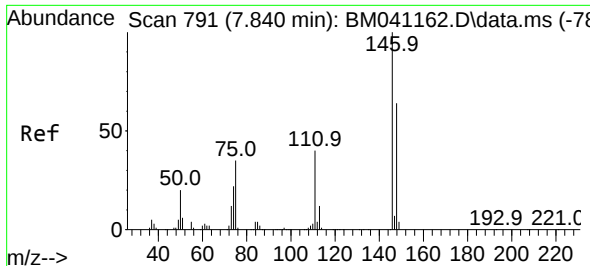
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023



#12
1,3-Dichlorobenzene
Concen: 43.230 ng
RT: 7.687 min Scan# 765
Delta R.T. 0.006 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

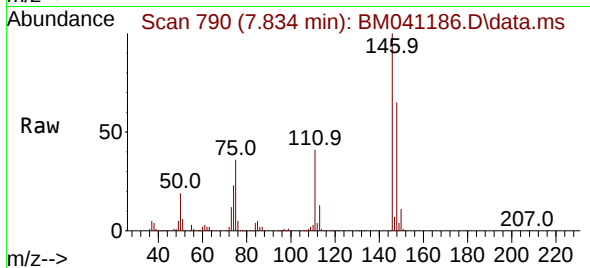
Tgt Ion:146 Resp: 432444
Ion Ratio Lower Upper
146 100
148 62.9 51.9 77.9
75 32.6 28.3 42.5





#13
1,4-Dichlorobenzene
Concen: 43.309 ng
RT: 7.834 min Scan# 791
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

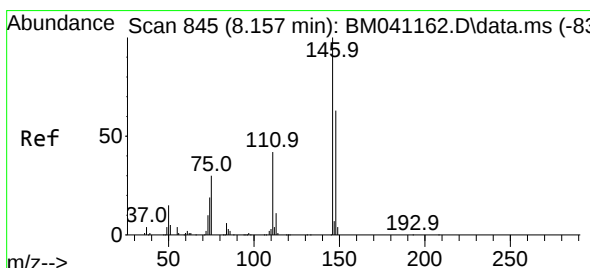
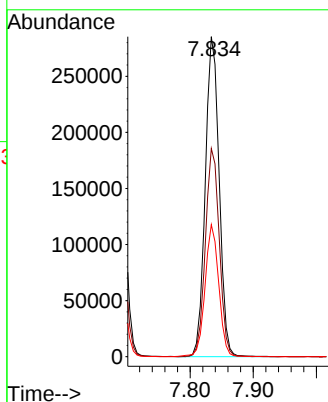
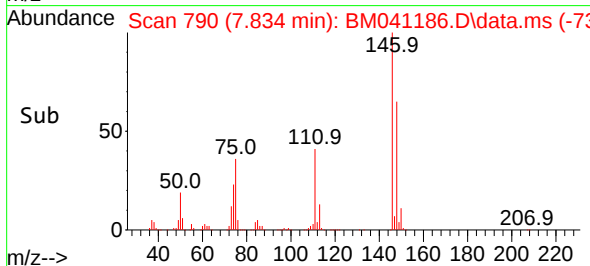
Instrument :
BNA_M
ClientSampleId :
PB154262BSD



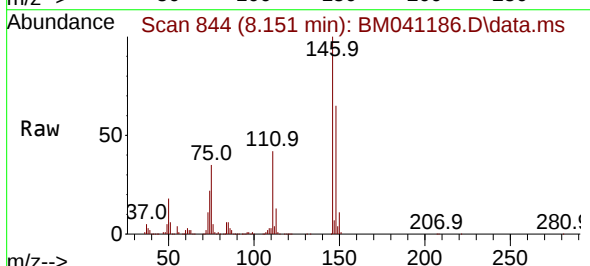
Tgt Ion:146 Resp: 435449
Ion Ratio Lower Upper
146 100
148 65.1 51.4 77.0
111 41.3 32.4 48.6

Manual Integrations
APPROVED

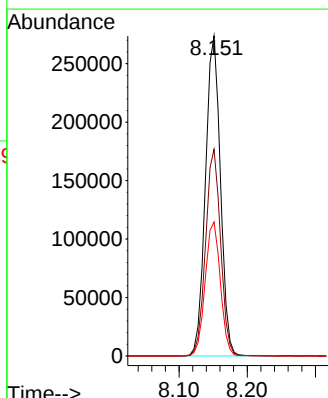
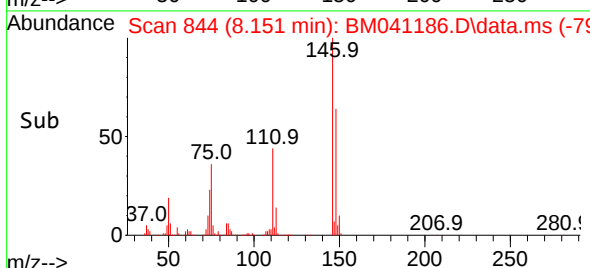
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023

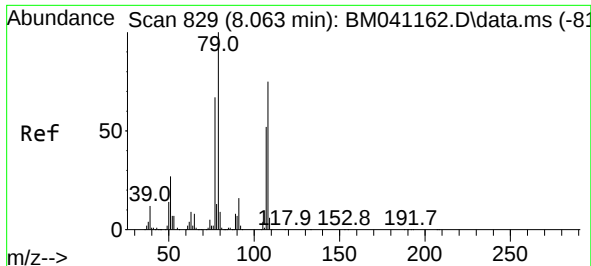


#14
1,2-Dichlorobenzene
Concen: 43.418 ng
RT: 8.151 min Scan# 844
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06



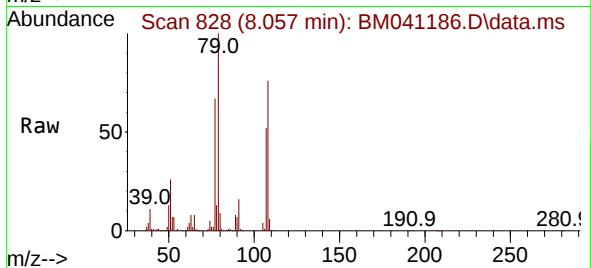
Tgt Ion:146 Resp: 418566
Ion Ratio Lower Upper
146 100
148 64.6 50.9 76.3
111 41.9 33.8 50.6





#15
Benzyl Alcohol
Concen: 44.791 ng
RT: 8.057 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

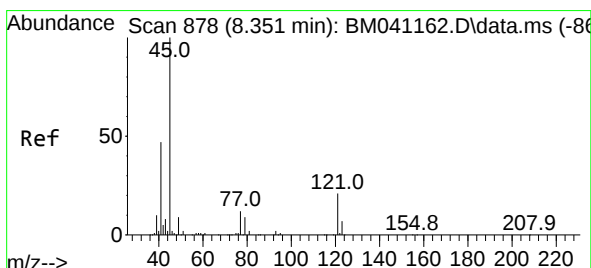
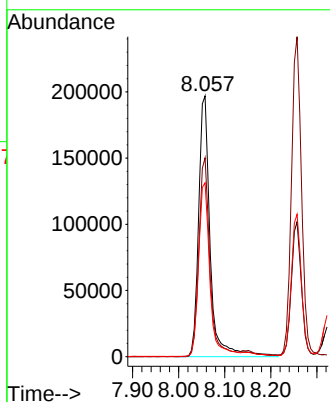
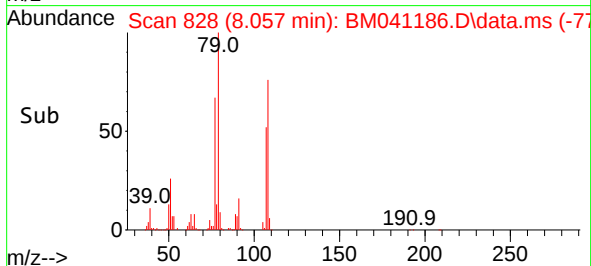
Instrument :
BNA_M
ClientSampleId :
PB154262BSD



Tgt Ion: 79 Resp: 345140
Ion Ratio Lower Upper
79 100
108 76.3 59.8 89.8
77 66.7 53.8 80.6

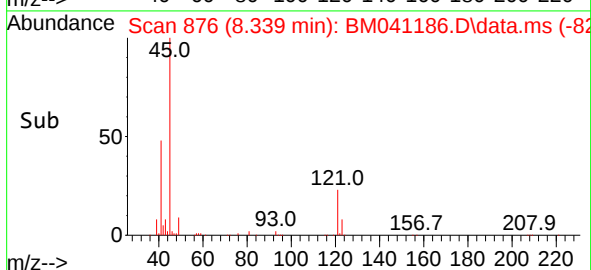
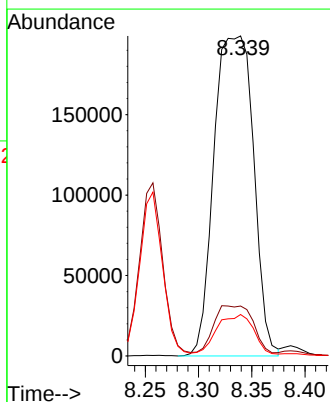
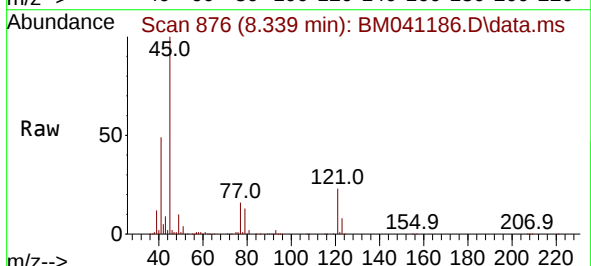
Manual Integrations
APPROVED

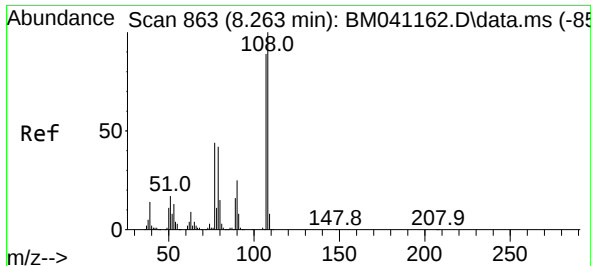
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.375 ng
RT: 8.339 min Scan# 876
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

Tgt Ion: 45 Resp: 513189
Ion Ratio Lower Upper
45 100
77 15.6 0.0 34.5
79 12.9 0.0 32.1





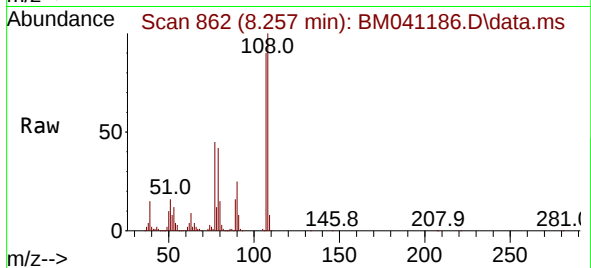
#17
2-Methylphenol
Concen: 40.579 ng
RT: 8.257 min Scan# 863
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

Instrument :

BNA_M

ClientSampleId :

PB154262BSD



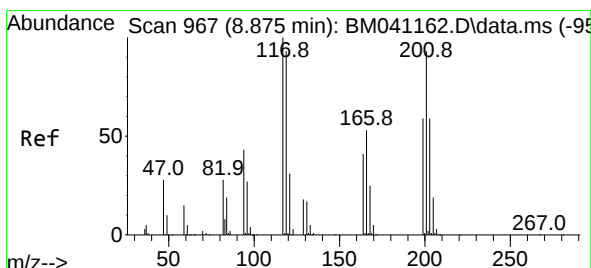
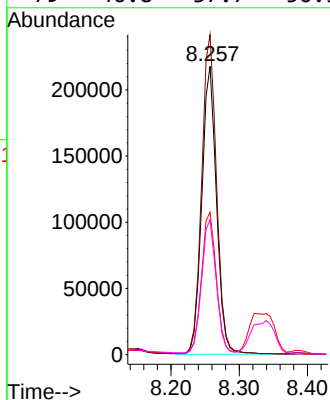
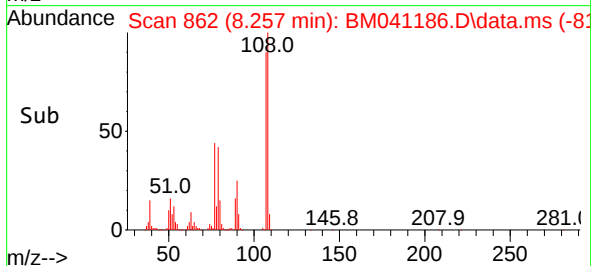
Tgt Ion:107 Resp: 326724
Ion Ratio Lower Upper
107 100
108 111.0 89.9 134.9
77 49.4 39.8 59.8
79 46.8 37.7 56.5

Manual Integrations

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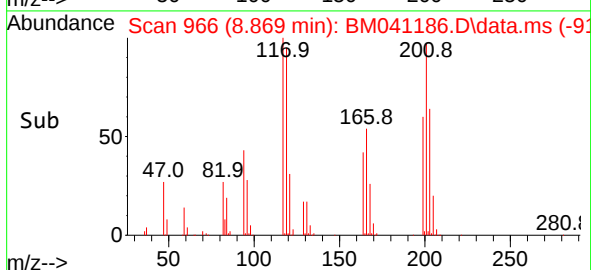
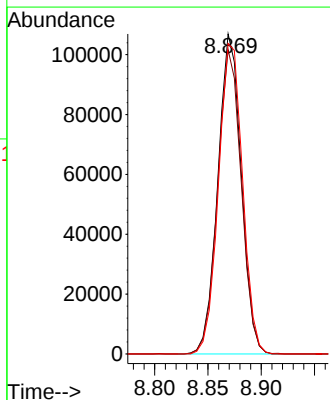
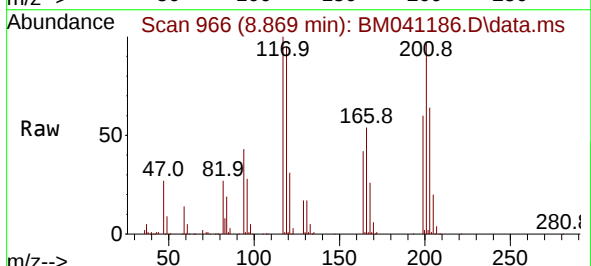
Reviewed By :Yogesh Patel 08/01/2023

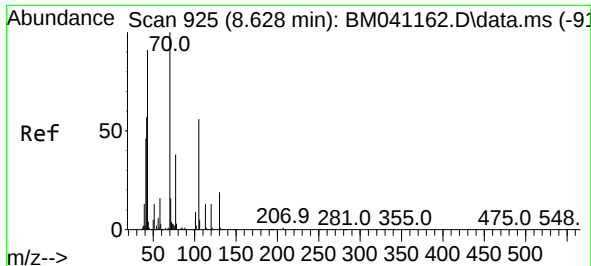
Supervised By :mohammad ahmed 08/01/2023



#18
Hexachloroethane
Concen: 43.658 ng
RT: 8.869 min Scan# 966
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

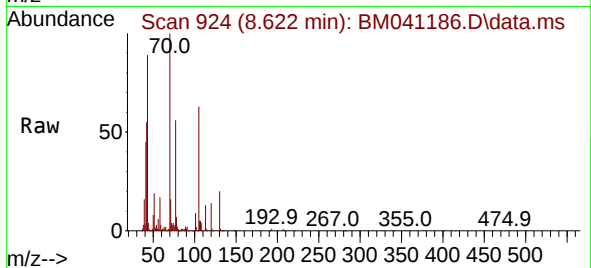
Tgt Ion:117 Resp: 163420
Ion Ratio Lower Upper
117 100
119 95.1 74.2 111.4
201 97.0 74.5 111.7





#19
n-Nitroso-di-n-propylamine
Concen: 40.925 ng
RT: 8.622 min Scan# 918
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

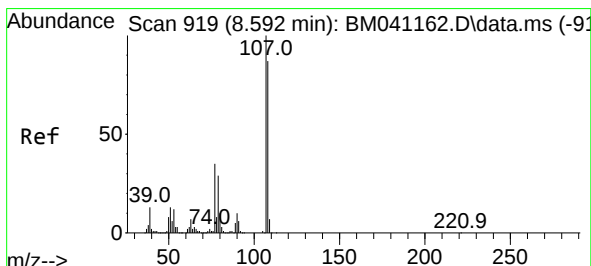
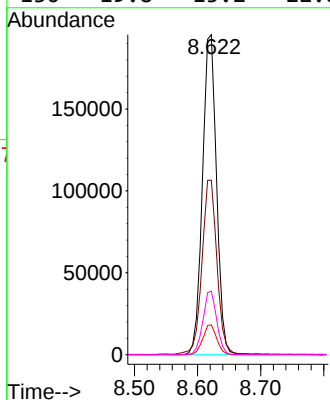
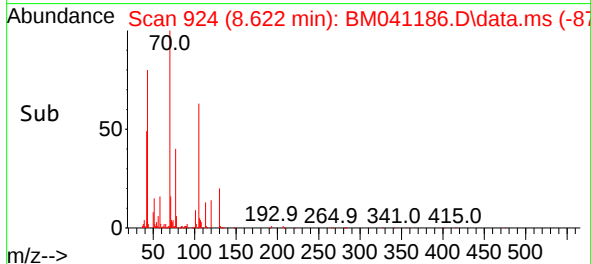
Instrument :
BNA_M
ClientSampleId :
PB154262BSD



Tgt Ion: 70 Resp: 303311
Ion Ratio Lower Upper
70 100
42 54.5 45.8 68.8
101 9.4 7.4 11.0
130 19.8 15.2 22.8

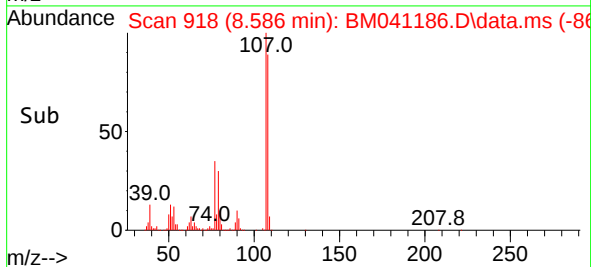
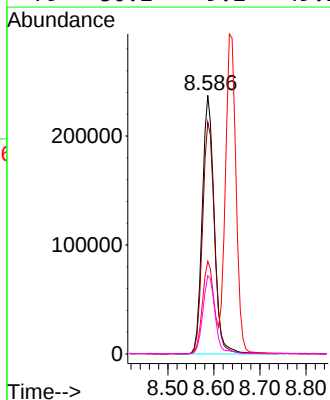
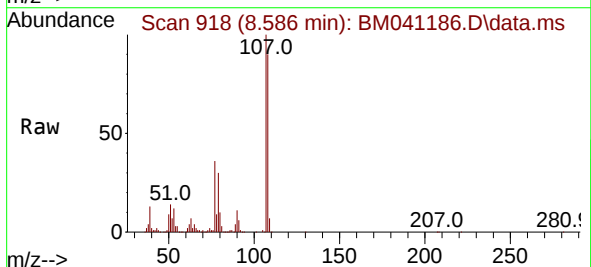
Manual Integrations
APPROVED

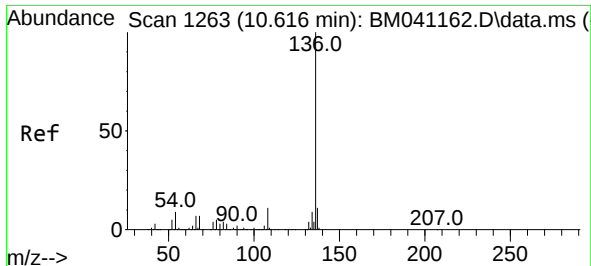
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023



#20
3+4-Methylphenols
Concen: 40.232 ng
RT: 8.586 min Scan# 918
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

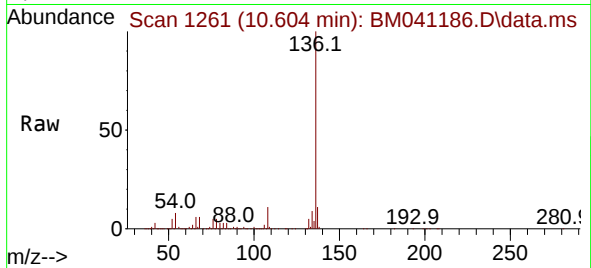
Tgt Ion:107 Resp: 433112
Ion Ratio Lower Upper
107 100
108 89.6 67.2 107.2
77 35.8 15.4 55.4
79 30.2 9.2 49.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

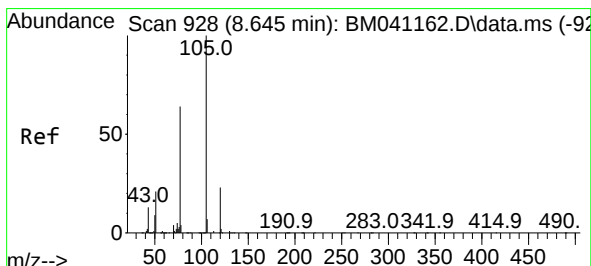
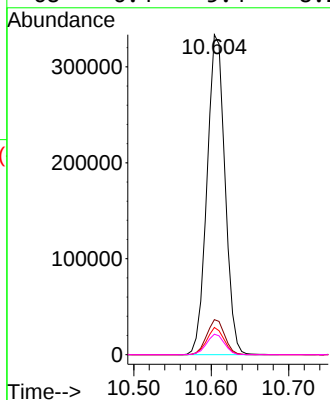
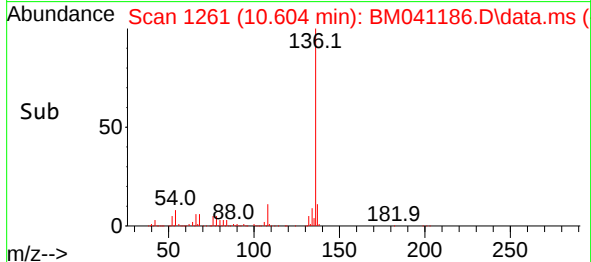
Instrument :
BNA_M
ClientSampleId :
PB154262BSD



Tgt Ion:136 Resp: 53666
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.5 6.9 10.3
68 6.4 5.4 8.2

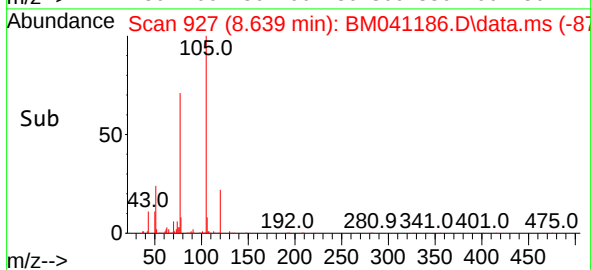
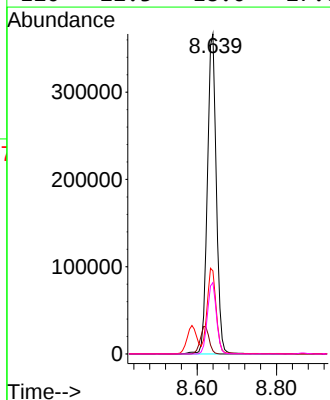
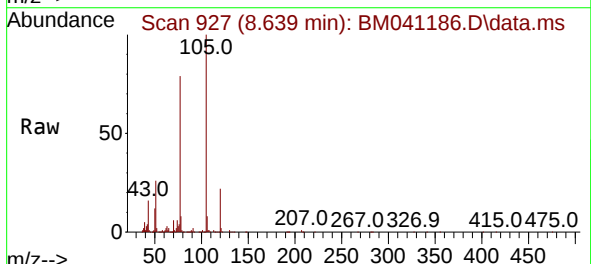
Manual Integrations
APPROVED

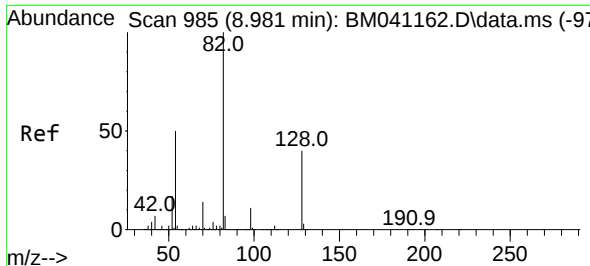
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023



#22
Acetophenone
Concen: 40.542 ng
RT: 8.639 min Scan# 927
Delta R.T. 0.006 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

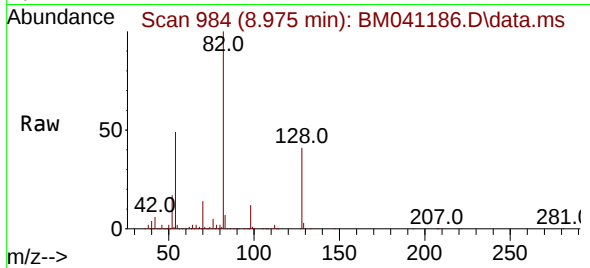
Tgt Ion:105 Resp: 576233
Ion Ratio Lower Upper
105 100
71 1.0 1.2 1.8#
51 26.0 22.0 33.0
120 22.3 18.0 27.0





#23
Nitrobenzene-d5
Concen: 77.726 ng
RT: 8.975 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

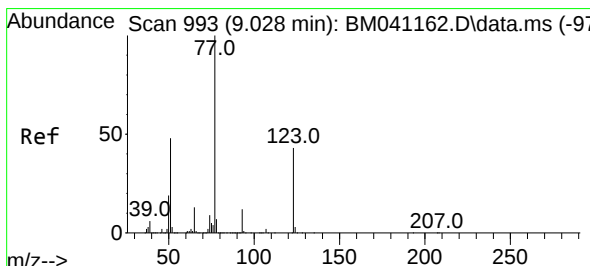
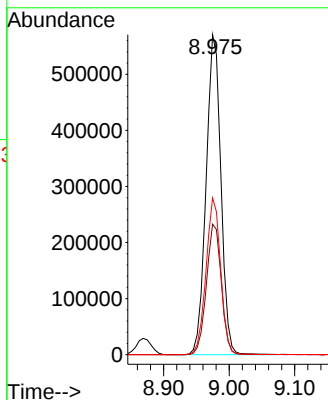
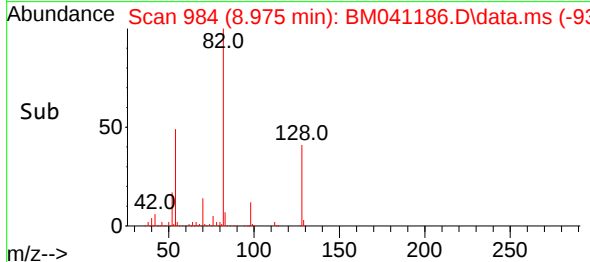
Instrument :
BNA_M
ClientSampleId :
PB154262BSD



Tgt Ion: 82 Resp: 89696
Ion Ratio Lower Upper
82 100
128 40.8 31.8 47.6
54 49.0 40.1 60.1

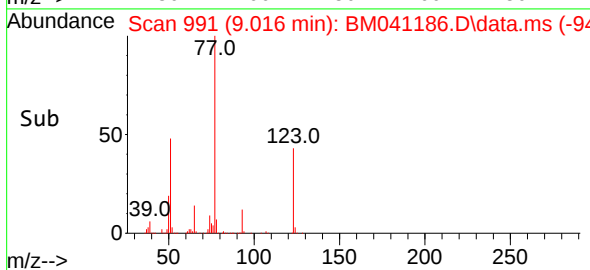
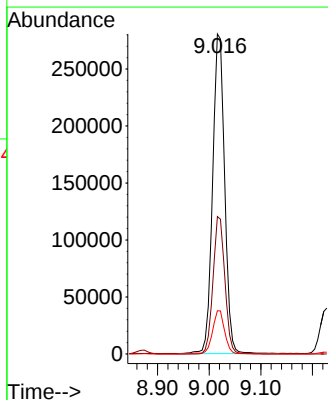
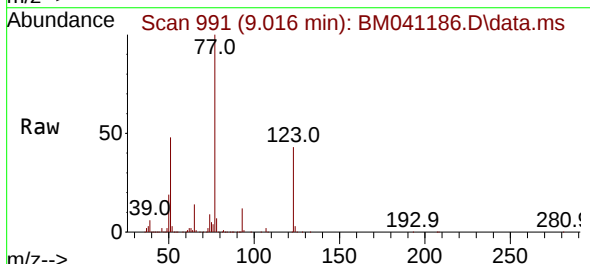
Manual Integrations
APPROVED

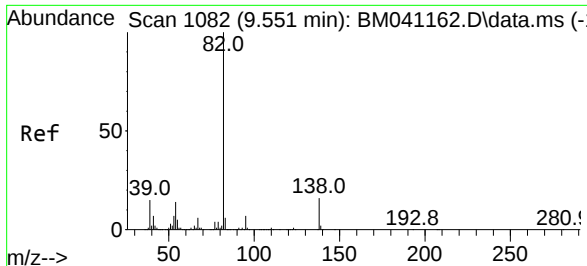
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023



#24
Nitrobenzene
Concen: 38.860 ng
RT: 9.016 min Scan# 991
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

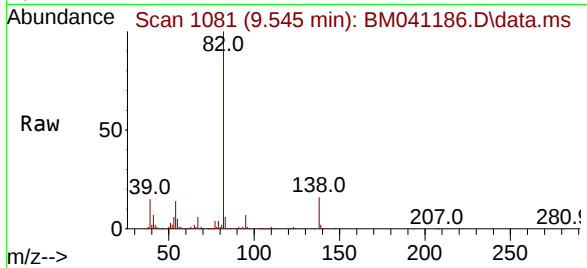
Tgt Ion: 77 Resp: 453496
Ion Ratio Lower Upper
77 100
123 42.9 34.2 51.2
65 13.5 10.7 16.1





#25
Isophorone
Concen: 39.817 ng
RT: 9.545 min Scan# 1081
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

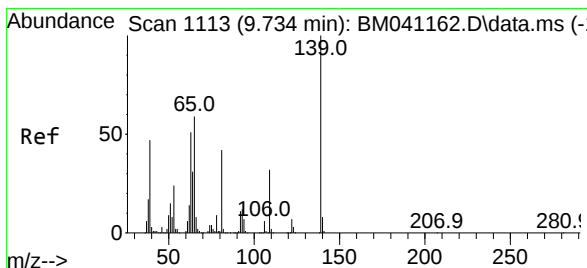
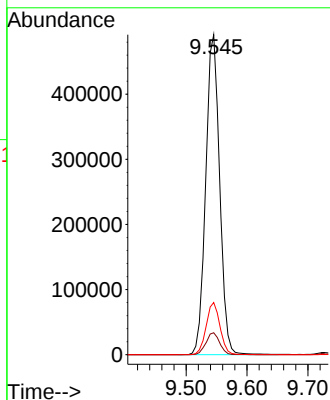
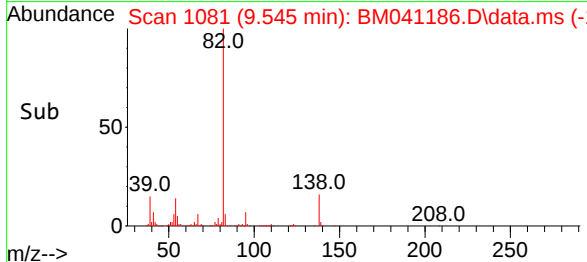
Instrument :
BNA_M
ClientSampleId :
PB154262BSD



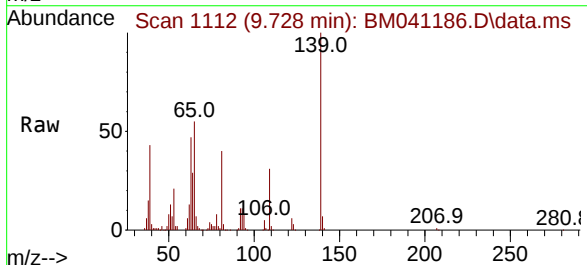
Tgt Ion: 82 Resp: 77998
Ion Ratio Lower Upper
82 100
95 6.8 5.3 7.9
138 16.3 12.8 19.2

Manual Integrations
APPROVED

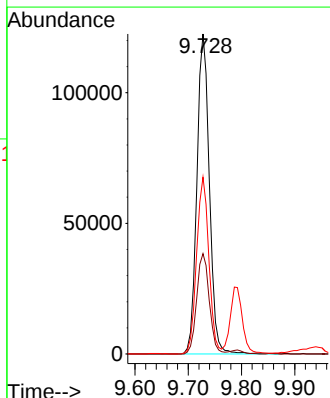
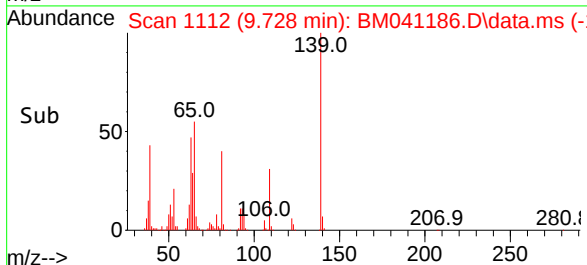
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023

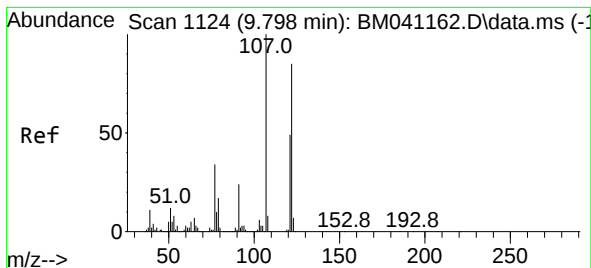


#26
2-Nitrophenol
Concen: 43.669 ng
RT: 9.728 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06



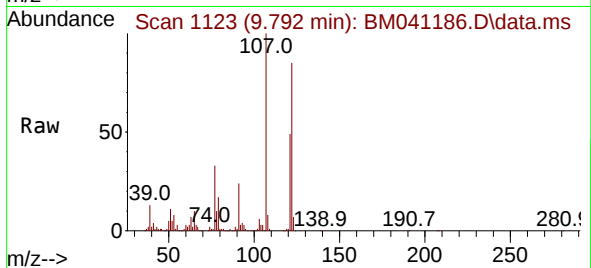
Tgt Ion:139 Resp: 199223
Ion Ratio Lower Upper
139 100
109 31.3 25.4 38.2
65 55.3 47.2 70.8





#27
2,4-Dimethylphenol
Concen: 42.971 ng
RT: 9.792 min Scan# 1124
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

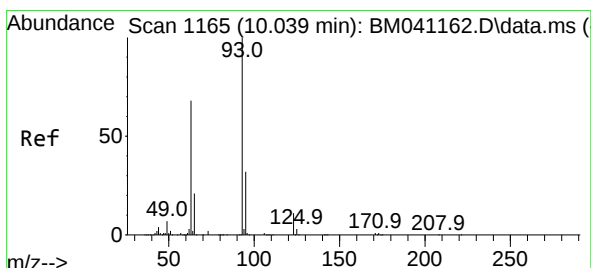
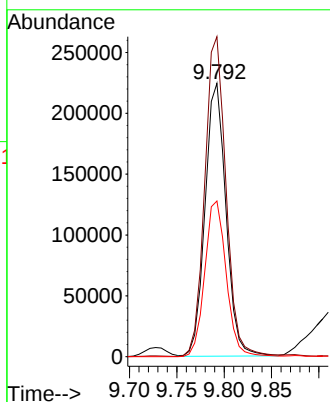
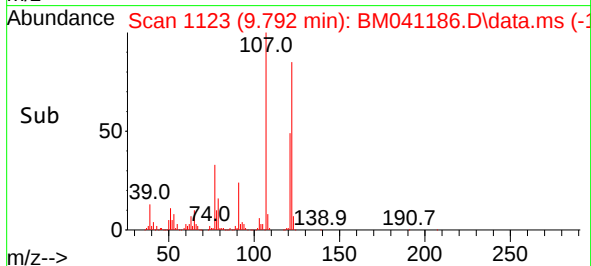
Instrument :
BNA_M
ClientSampleId :
PB154262BSD



Tgt Ion:122 Resp: 34496
Ion Ratio Lower Upper
122 100
107 117.1 94.3 141.5
121 57.0 45.8 68.8

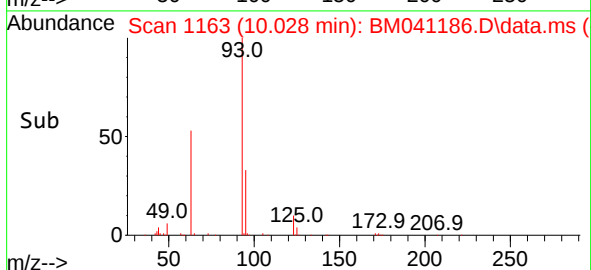
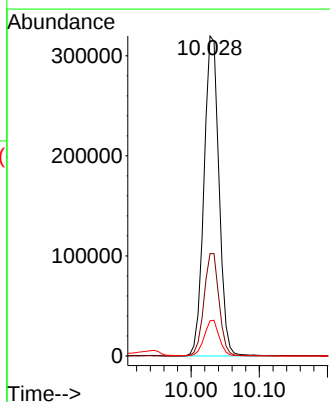
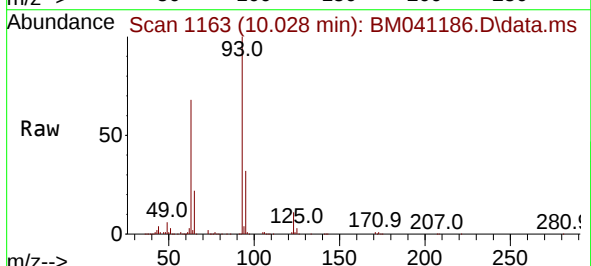
Manual Integrations
APPROVED

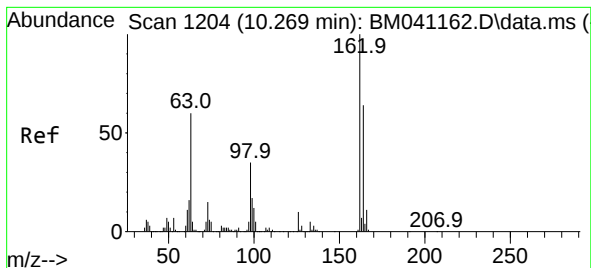
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023



#28
bis(2-Chloroethoxy)methane
Concen: 39.951 ng
RT: 10.028 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

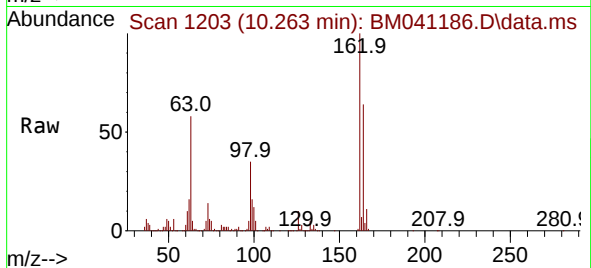
Tgt Ion: 93 Resp: 490223
Ion Ratio Lower Upper
93 100
95 32.0 25.9 38.9
123 11.0 9.1 13.7





#29
2,4-Dichlorophenol
Concen: 42.856 ng
RT: 10.263 min Scan# 1203
Delta R.T. 0.006 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

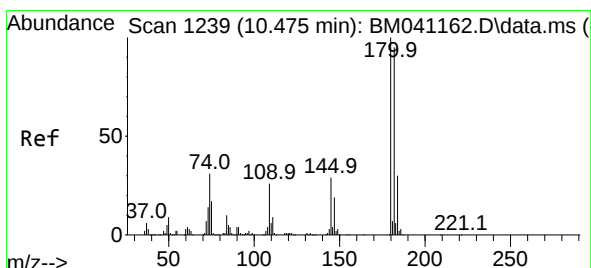
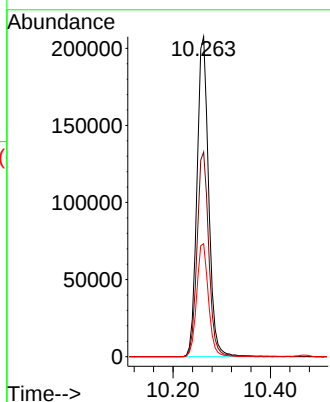
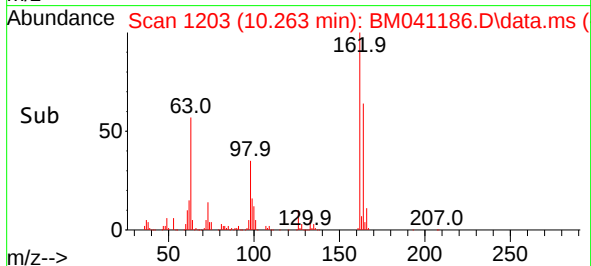
Instrument :
BNA_M
ClientSampleId :
PB154262BSD



Tgt Ion:162 Resp: 346940
Ion Ratio Lower Upper
162 100
164 64.0 44.3 84.3
98 35.3 15.1 55.1

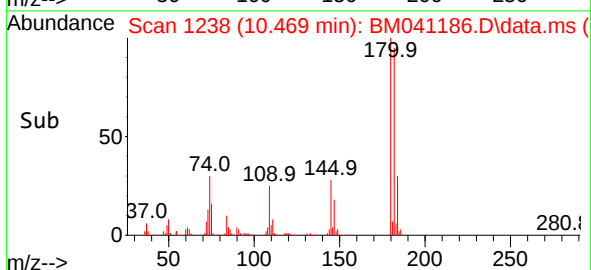
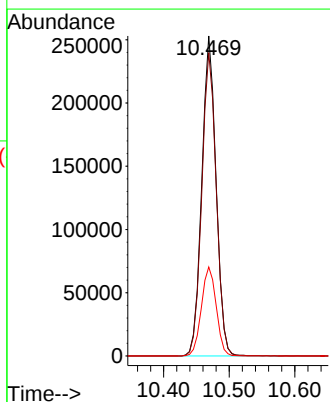
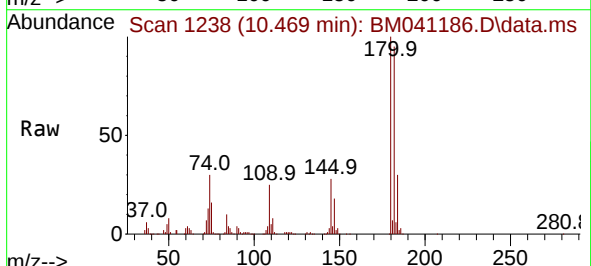
Manual Integrations
APPROVED

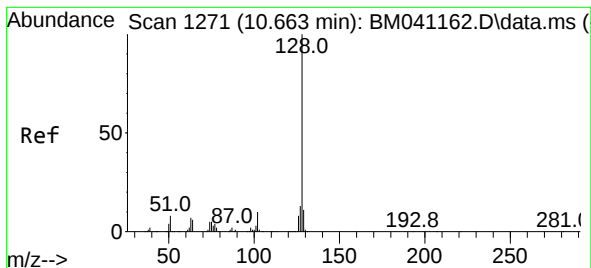
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023



#30
1,2,4-Trichlorobenzene
Concen: 42.897 ng
RT: 10.469 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

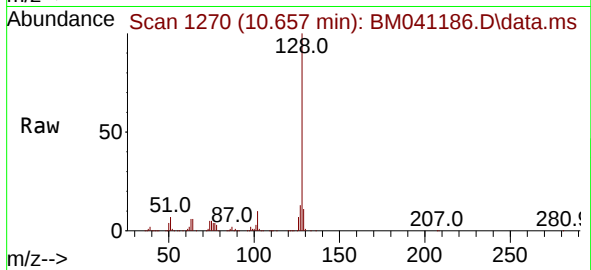
Tgt Ion:180 Resp: 383687
Ion Ratio Lower Upper
180 100
182 94.8 75.9 113.9
145 27.8 23.6 35.4





#31
Naphthalene
Concen: 39.897 ng
RT: 10.657 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

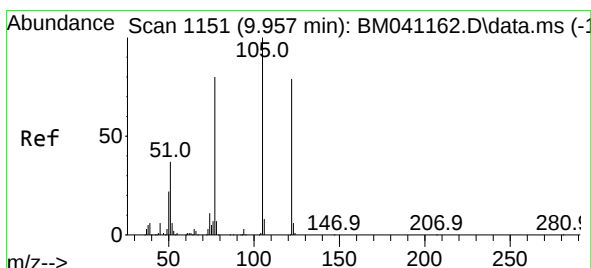
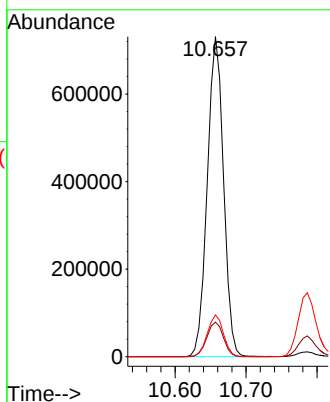
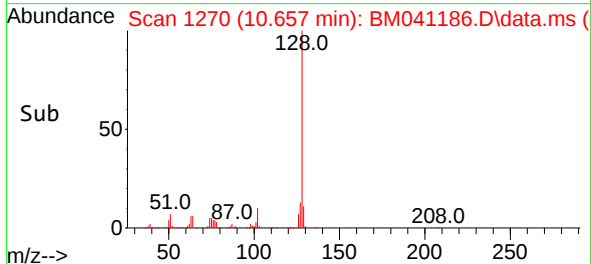
Instrument :
BNA_M
ClientSampleId :
PB154262BSD



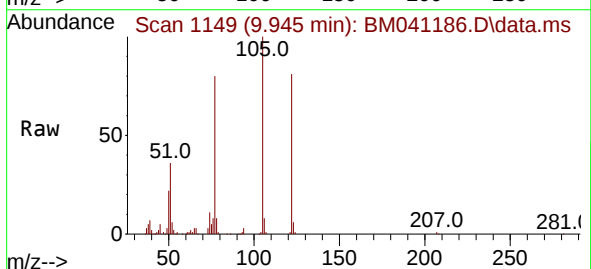
Tgt Ion:128 Resp: 116189
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 13.0 10.5 15.7

Manual Integrations
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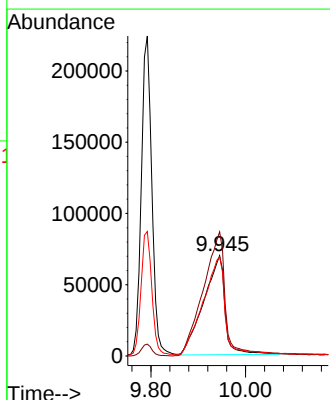
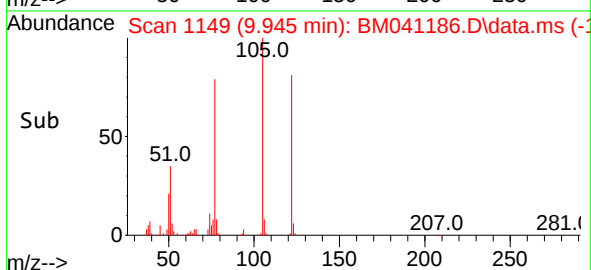
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023

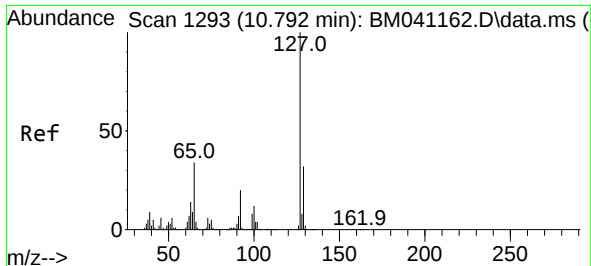


#32
Benzoic acid
Concen: 38.088 ng
RT: 9.945 min Scan# 1149
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06



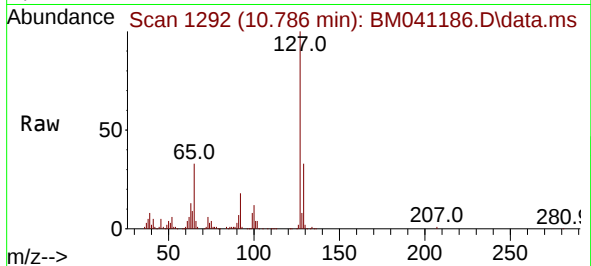
Tgt Ion:122 Resp: 219174
Ion Ratio Lower Upper
122 100
105 123.8 104.0 144.0
77 98.8 79.9 119.9





#33
4-Chloroaniline
Concen: 22.869 ng
RT: 10.786 min Scan# 1292
Delta R.T. 0.006 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

Instrument :
BNA_M
ClientSampleId :
PB154262BSD

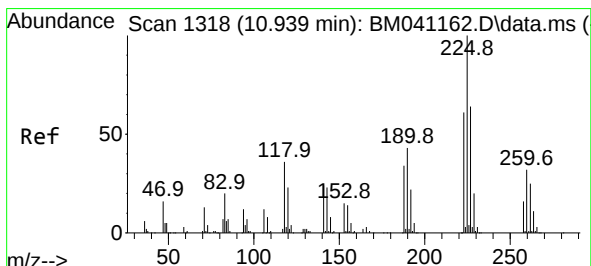
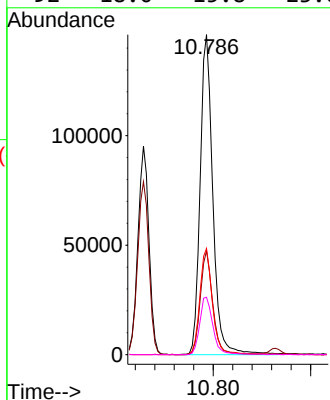
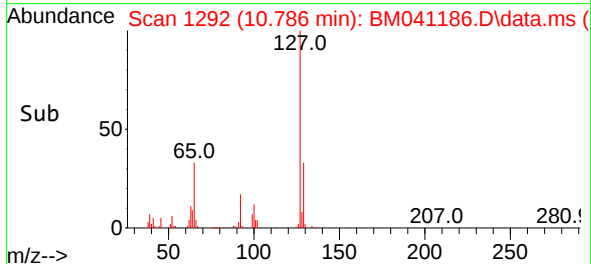


Tgt Ion:127 Resp: 26615

Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	33.2	26.9	40.3
92	18.0	15.8	23.6

Manual Integrations
APPROVED

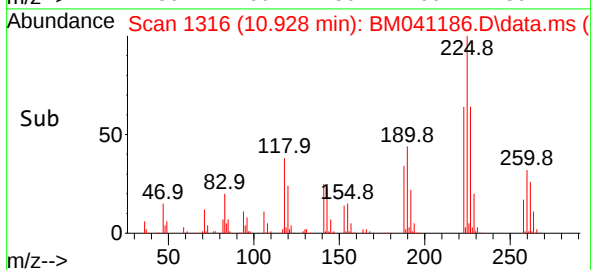
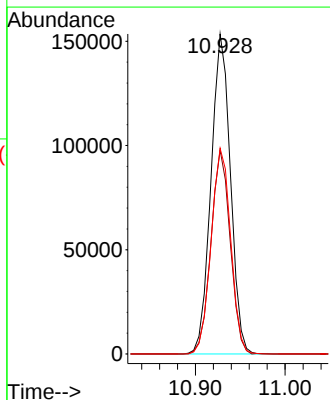
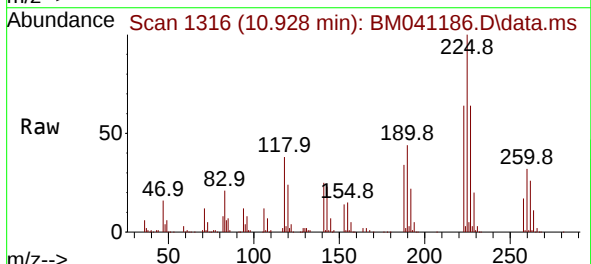
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023

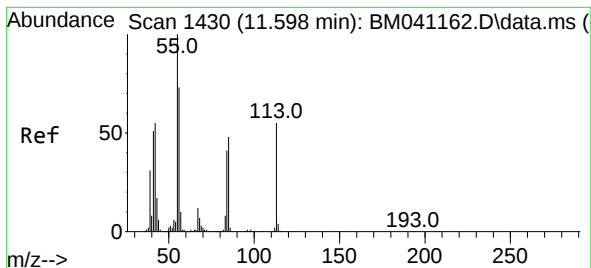


#34
Hexachlorobutadiene
Concen: 42.886 ng
RT: 10.928 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

Tgt Ion:225 Resp: 230702

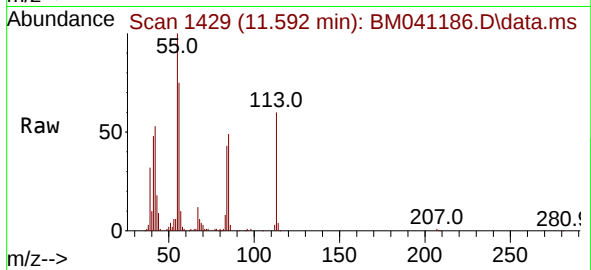
Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.0	73.4
227	64.3	50.8	76.2





#35
Caprolactam
Concen: 40.939 ng
RT: 11.592 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

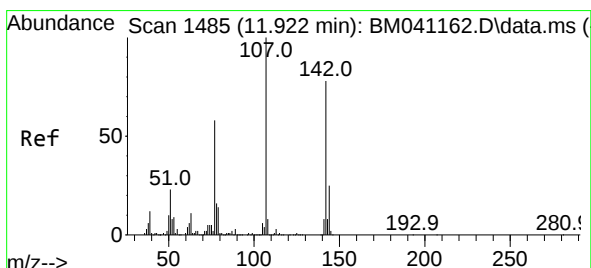
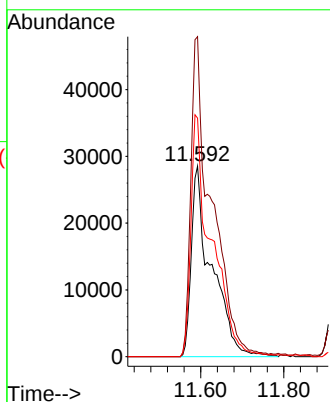
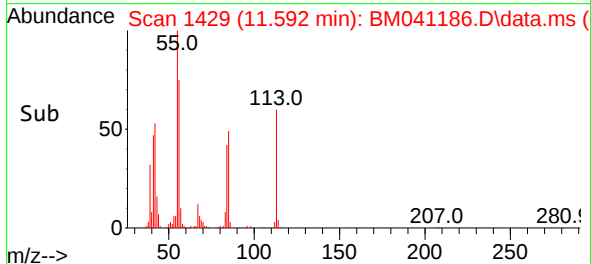
Instrument :
BNA_M
ClientSampleId :
PB154262BSD



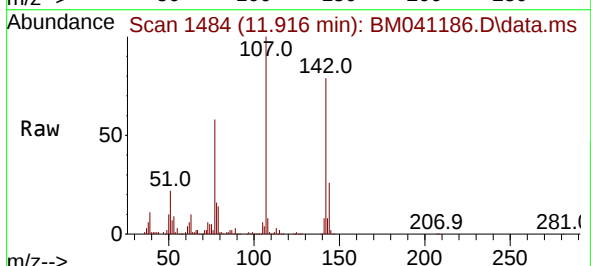
Tgt Ion:113 Resp: 95879
Ion Ratio Lower Upper
113 100
55 167.9 162.5 202.5
56 125.1 114.1 154.1

Manual Integrations
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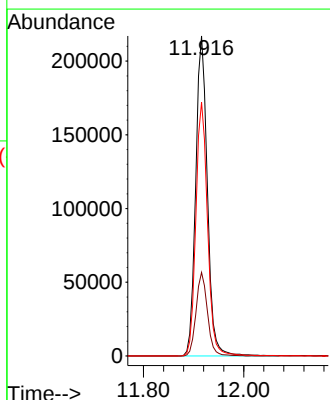
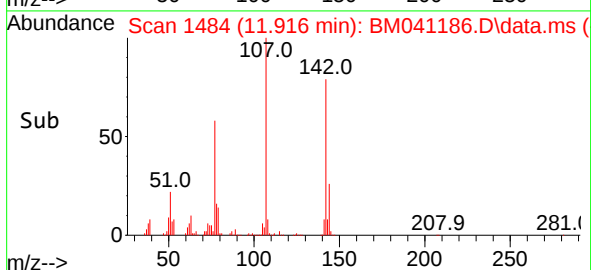
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023

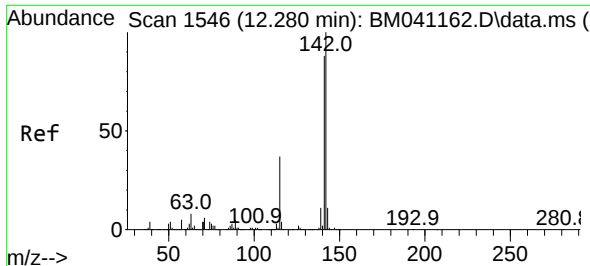


#36
4-Chloro-3-methylphenol
Concen: 41.167 ng
RT: 11.916 min Scan# 1484
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06



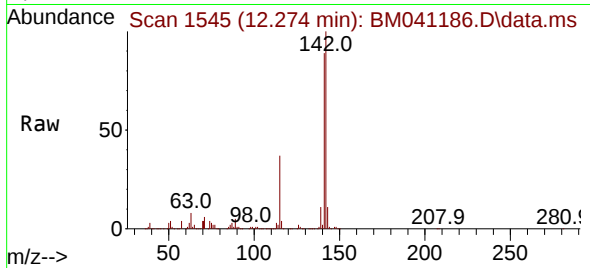
Tgt Ion:107 Resp: 350777
Ion Ratio Lower Upper
107 100
144 26.1 20.1 30.1
142 79.3 62.2 93.4





#37
2-Methylnaphthalene
Concen: 38.933 ng
RT: 12.274 min Scan# 1545
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

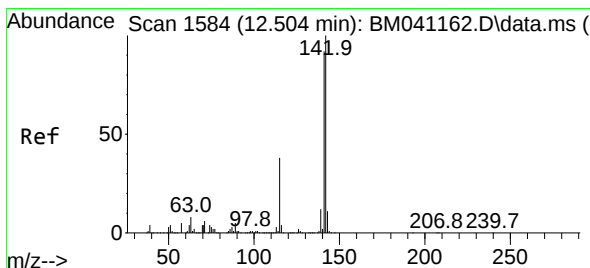
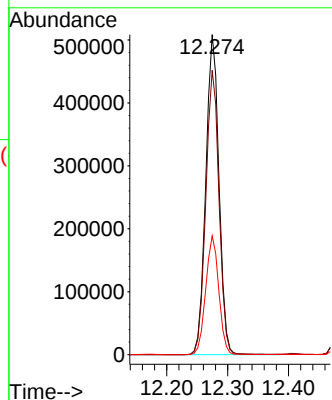
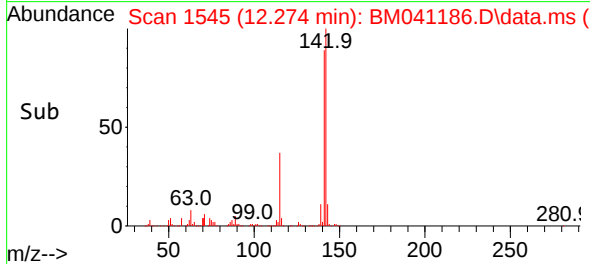
Instrument :
BNA_M
ClientSampleId :
PB154262BSD



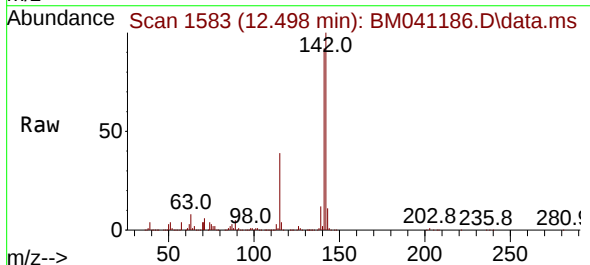
Tgt Ion:142 Resp: 76439
Ion Ratio Lower Upper
142 100
141 88.8 70.7 106.1
115 37.1 29.3 43.9

Manual Integrations
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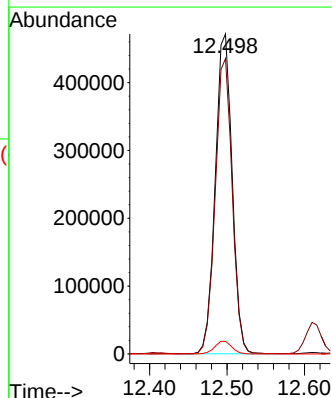
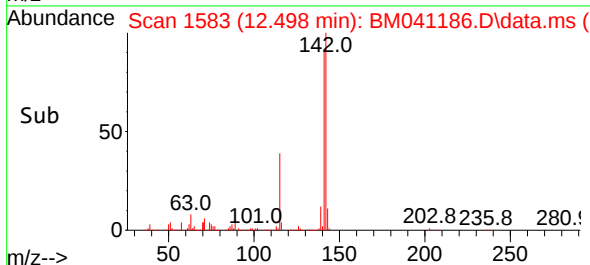
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023

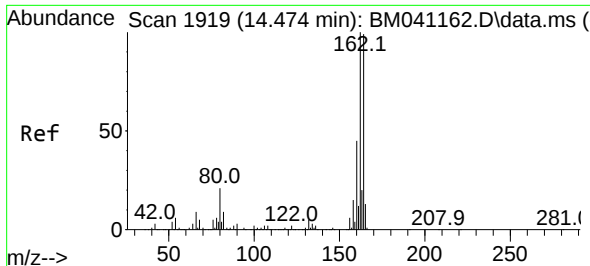


#38
1-Methylnaphthalene
Concen: 38.863 ng
RT: 12.498 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06



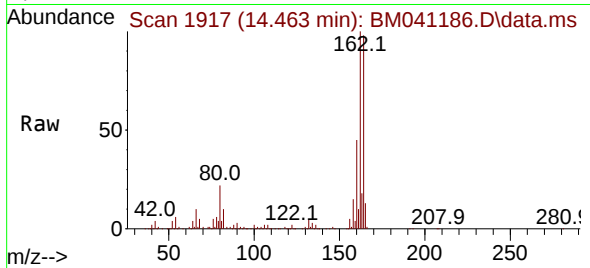
Tgt Ion:142 Resp: 714153
Ion Ratio Lower Upper
142 100
141 92.3 73.4 110.2
116 4.0 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1919
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

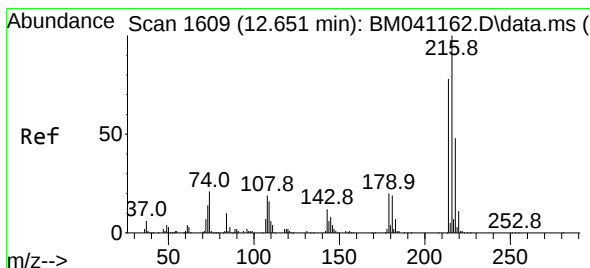
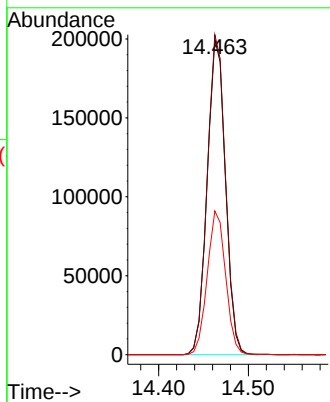
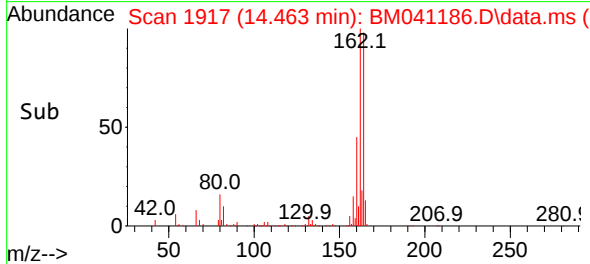
Instrument :
BNA_M
ClientSampleId :
PB154262BSD



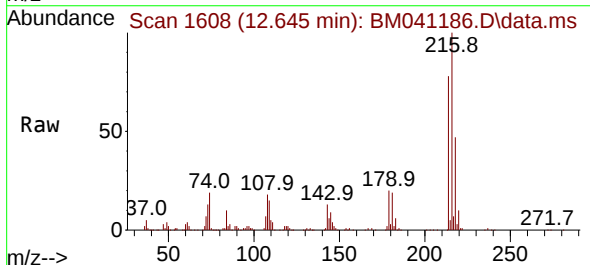
Tgt Ion:164 Resp: 281972
Ion Ratio Lower Upper
164 100
162 101.6 80.4 120.6
160 45.6 36.2 54.2

Manual Integrations
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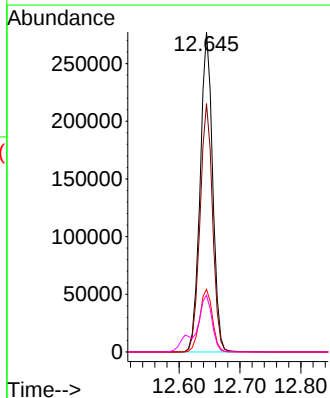
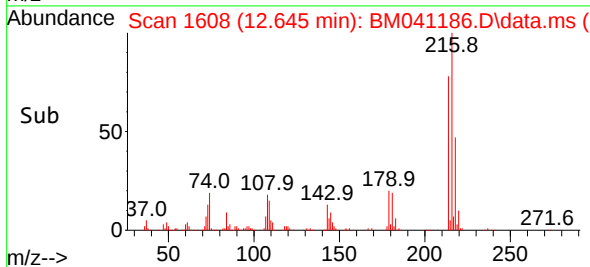
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023

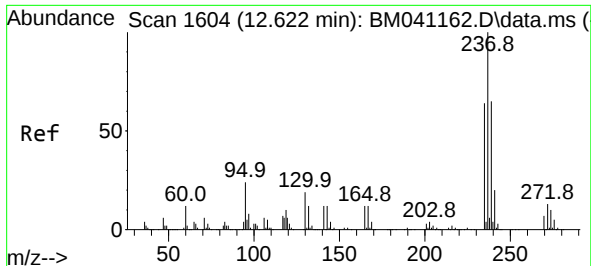


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.053 ng
RT: 12.645 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06



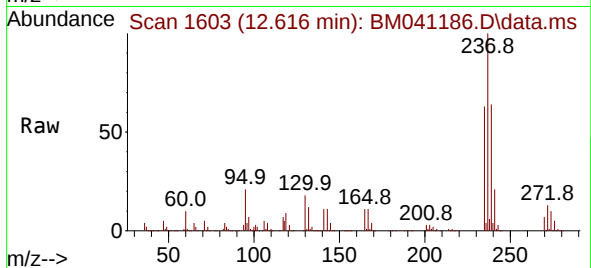
Tgt Ion:216 Resp: 394195
Ion Ratio Lower Upper
216 100
214 78.4 63.2 94.8
179 20.2 16.2 24.2
108 23.2 17.0 25.4





#41
Hexachlorocyclopentadiene
Concen: 112.416 ng
RT: 12.616 min Scan# 10
Delta R.T. 0.006 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

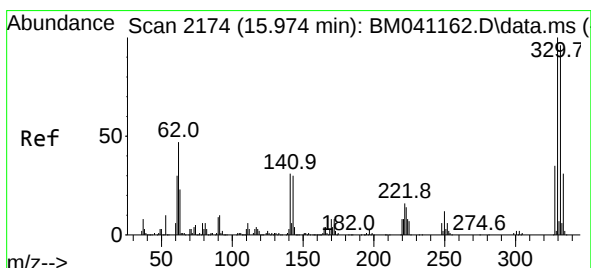
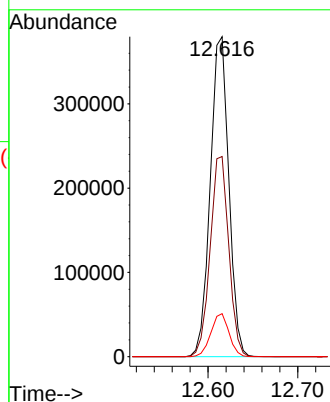
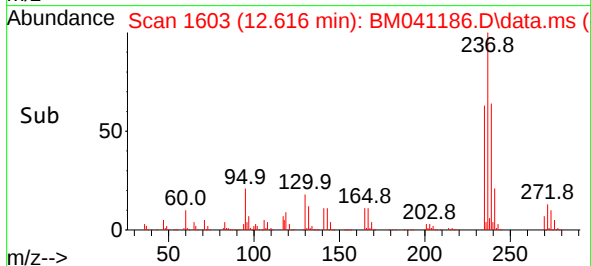
Instrument :
BNA_M
ClientSampleId :
PB154262BSD



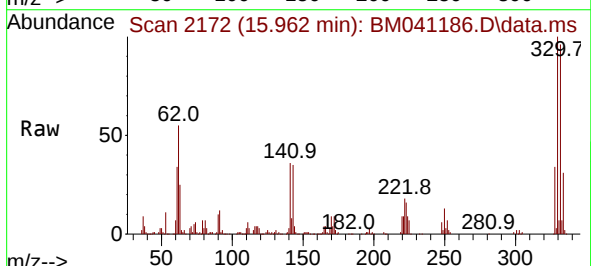
Tgt Ion:237 Resp: 54453
Ion Ratio Lower Upper
237 100
235 62.5 43.6 83.6
272 13.4 0.0 33.3

Manual Integrations
APPROVED

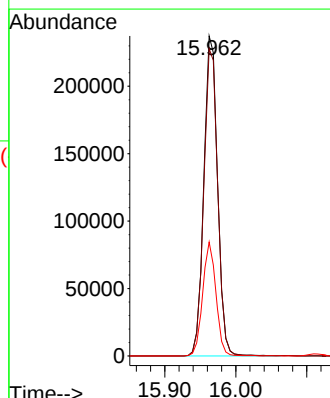
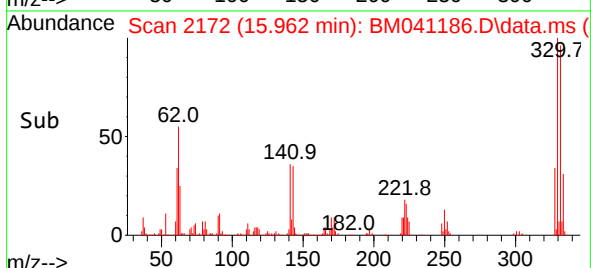
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023

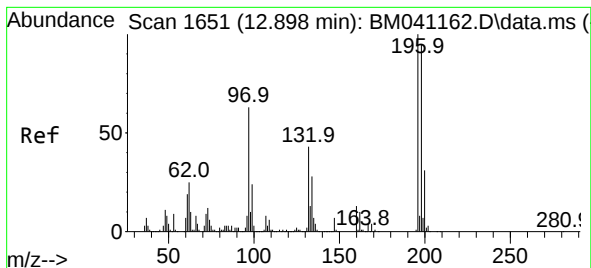


#42
2,4,6-Tribromophenol
Concen: 80.218 ng
RT: 15.962 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06



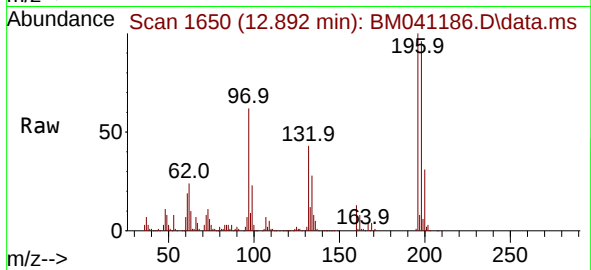
Tgt Ion:330 Resp: 319937
Ion Ratio Lower Upper
330 100
332 97.2 77.7 116.5
141 34.5 28.3 42.5





#43
2,4,6-Trichlorophenol
Concen: 44.132 ng
RT: 12.892 min Scan# 1650
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

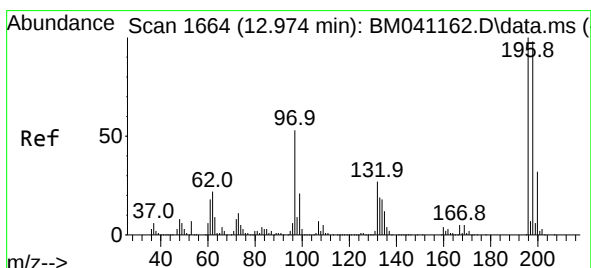
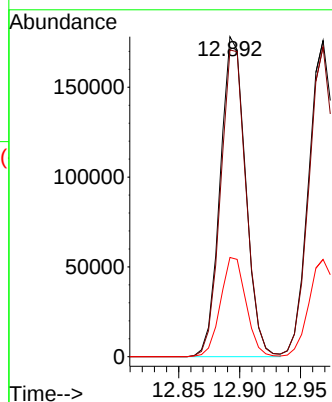
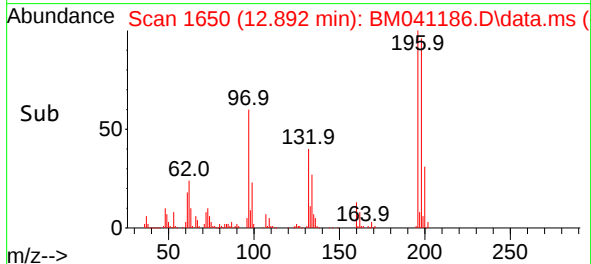
Instrument :
BNA_M
ClientSampleId :
PB154262BSD



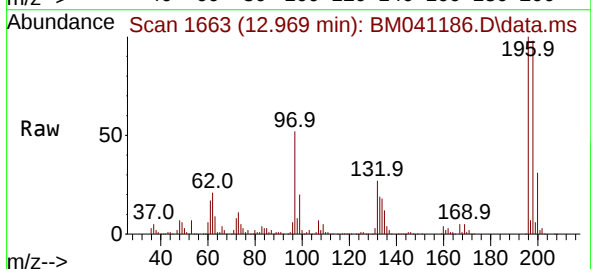
Tgt Ion:196 Resp: 258980
Ion Ratio Lower Upper
196 100
198 95.9 76.2 114.4
200 31.0 24.6 36.8

Manual Integrations
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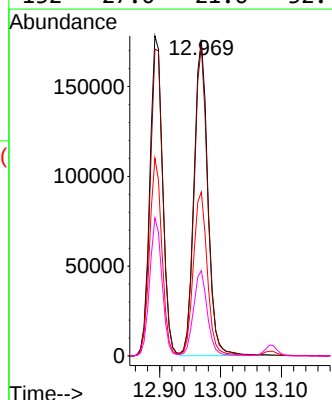
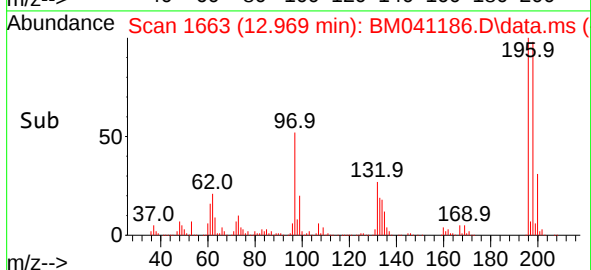
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023

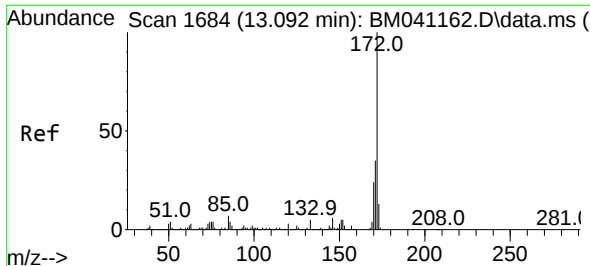


#44
2,4,5-Trichlorophenol
Concen: 40.871 ng
RT: 12.969 min Scan# 1663
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06



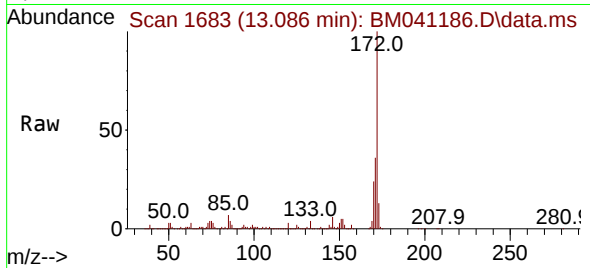
Tgt Ion:196 Resp: 277604
Ion Ratio Lower Upper
196 100
198 98.0 78.2 117.4
97 51.9 42.7 64.1
132 27.0 21.6 32.4





#45
2-Fluorobiphenyl
Concen: 81.344 ng
RT: 13.086 min Scan# 1683
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

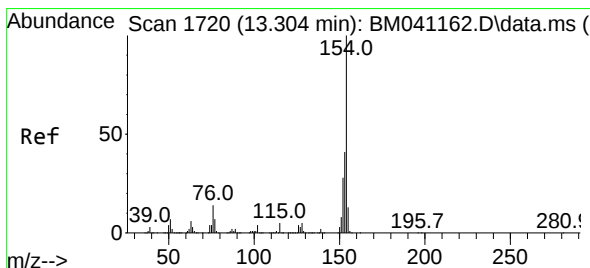
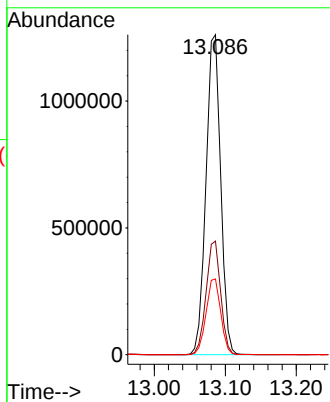
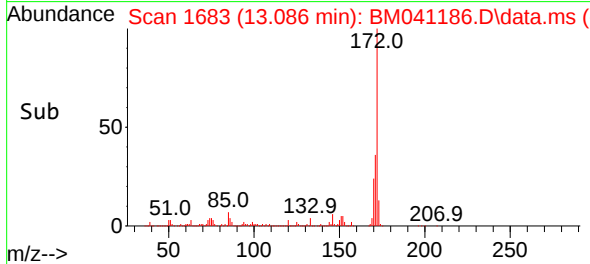
Instrument :
BNA_M
ClientSampleId :
PB154262BSD



Tgt Ion:172 Resp: 1815699
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.6 18.9 28.3

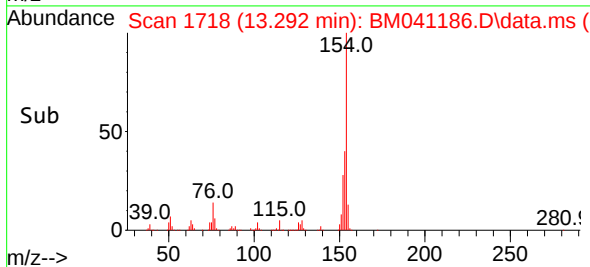
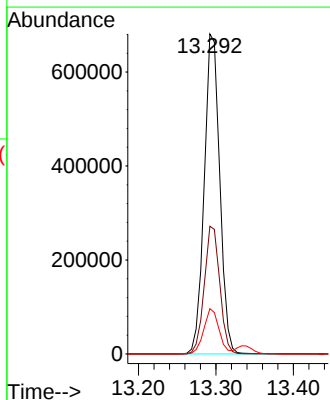
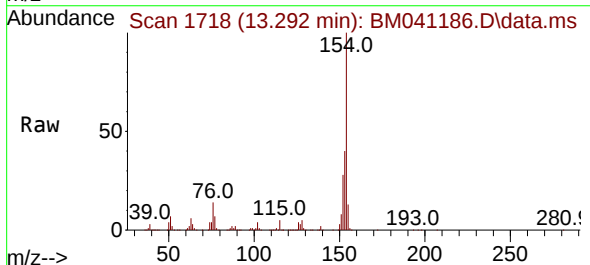
Manual Integrations
APPROVED

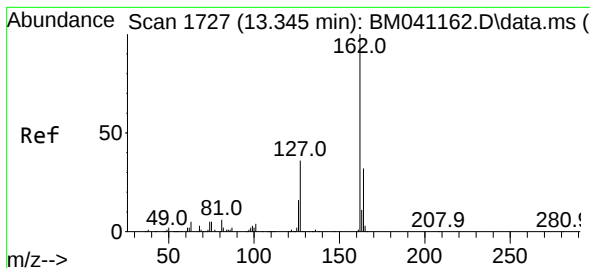
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023



#46
1,1'-Biphenyl
Concen: 41.445 ng
RT: 13.292 min Scan# 1718
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

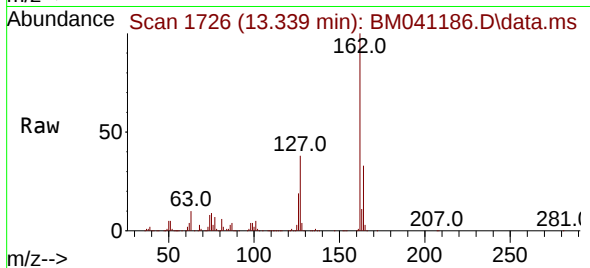
Tgt Ion:154 Resp: 947405
Ion Ratio Lower Upper
154 100
153 39.9 20.5 60.5
76 14.2 0.0 34.1





#47
2-Chloronaphthalene
Concen: 43.022 ng
RT: 13.339 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

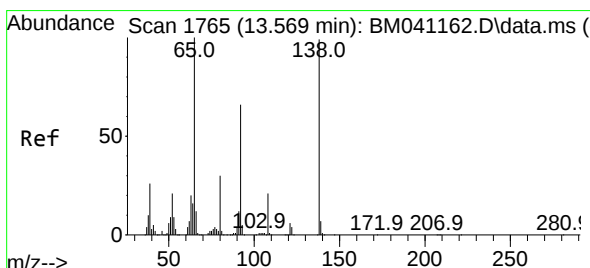
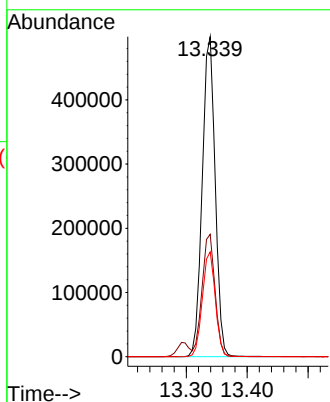
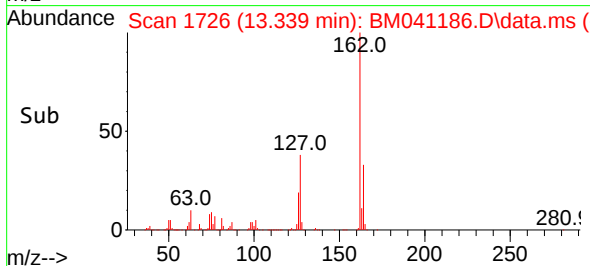
Instrument :
BNA_M
ClientSampleId :
PB154262BSD



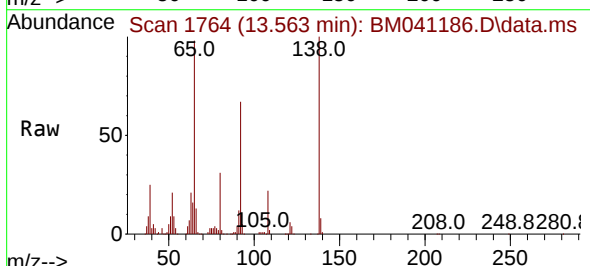
Tgt Ion:162 Resp: 73430
Ion Ratio Lower Upper
162 100
127 38.2 30.6 45.8
164 32.8 25.6 38.4

Manual Integrations
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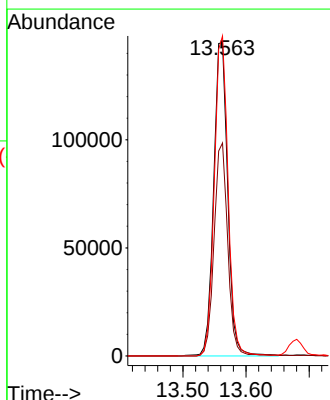
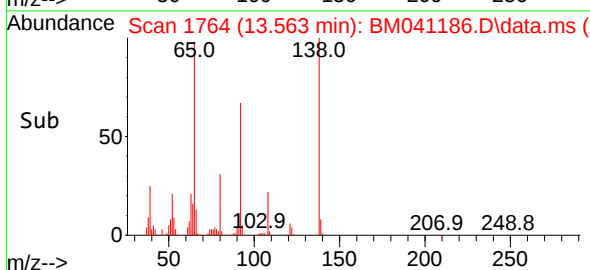
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023

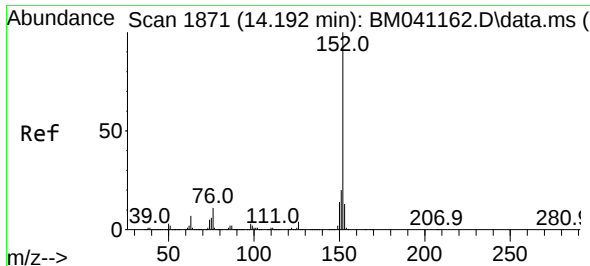


#48
2-Nitroaniline
Concen: 41.084 ng
RT: 13.563 min Scan# 1764
Delta R.T. 0.006 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06



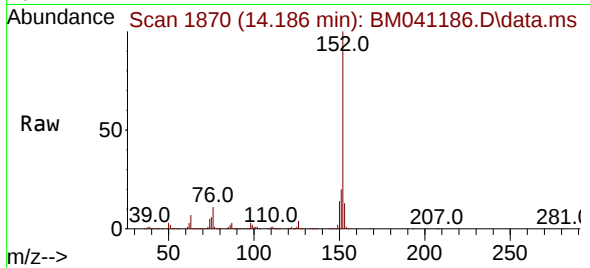
Tgt Ion: 65 Resp: 223831
Ion Ratio Lower Upper
65 100
92 68.0 53.0 79.4
138 102.1 79.1 118.7





#49
Acenaphthylene
Concen: 41.451 ng
RT: 14.186 min Scan# 1870
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

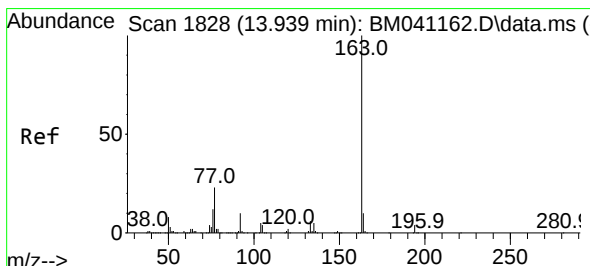
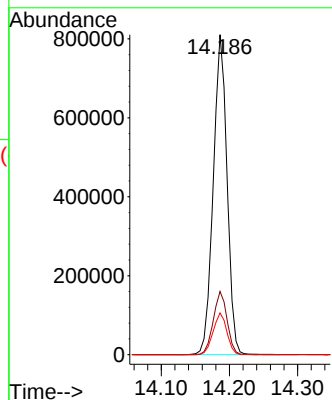
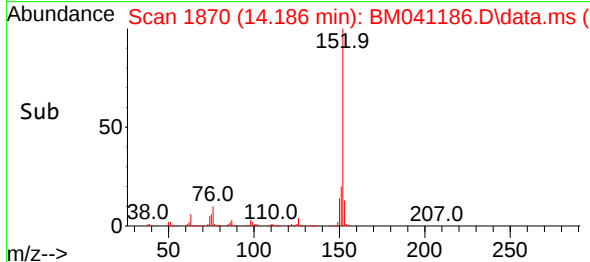
Instrument :
BNA_M
ClientSampleId :
PB154262BSD



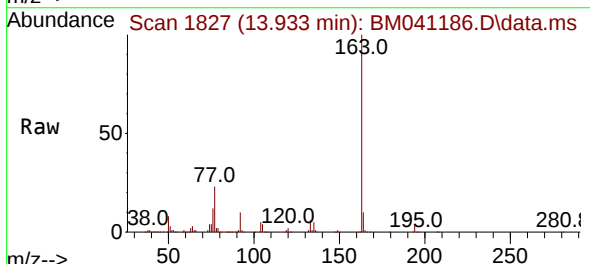
Tgt Ion:152 Resp: 114195
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.0 10.5 15.7

Manual Integrations
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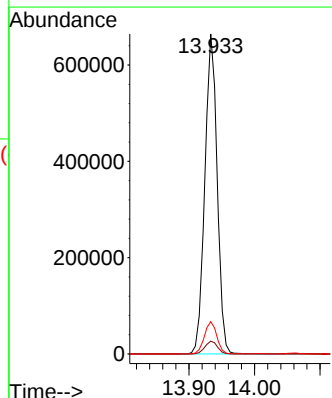
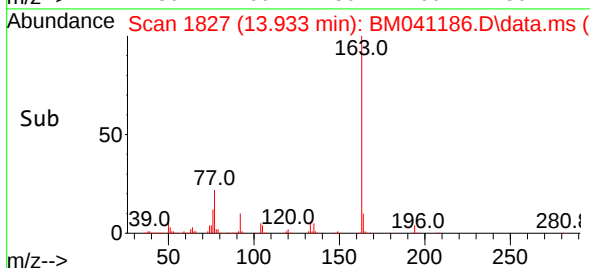
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023

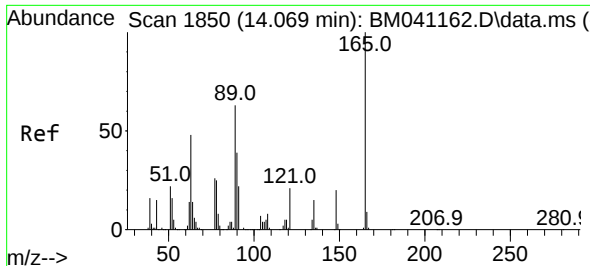


#50
Dimethylphthalate
Concen: 41.027 ng
RT: 13.933 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06



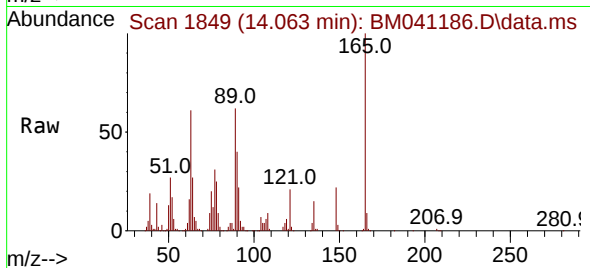
Tgt Ion:163 Resp: 870205
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.1 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 42.666 ng
RT: 14.063 min Scan# 1849
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

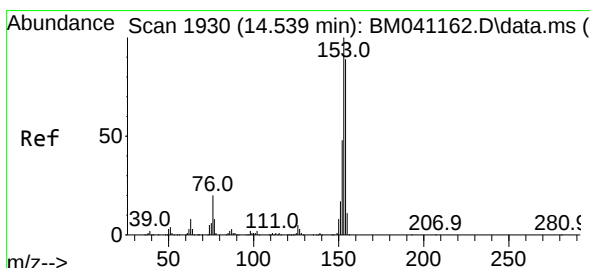
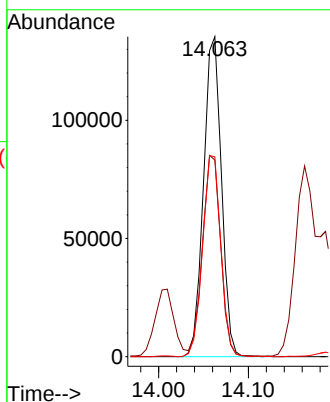
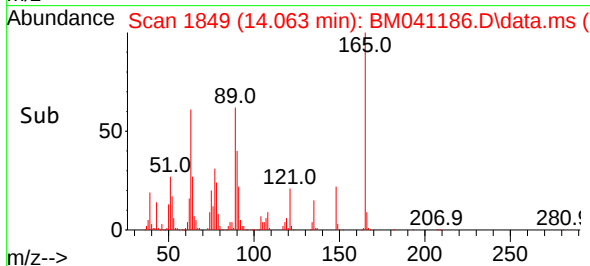
Instrument :
BNA_M
ClientSampleId :
PB154262BSD



Tgt Ion:165 Resp: 187510
Ion Ratio Lower Upper
165 100
63 61.4 50.9 76.3
89 62.5 50.6 76.0

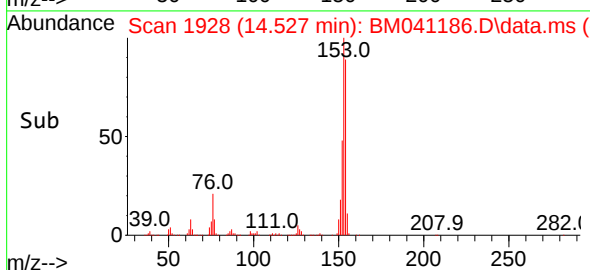
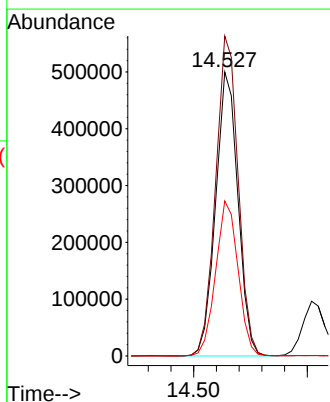
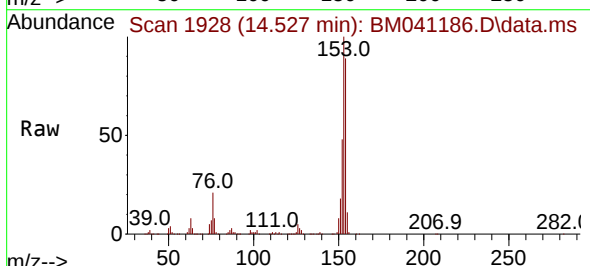
Manual Integrations
APPROVED

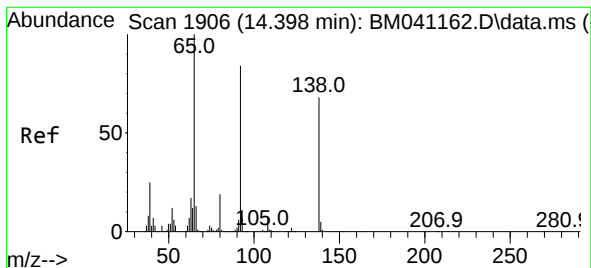
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023



#52
Acenaphthene
Concen: 41.142 ng
RT: 14.527 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

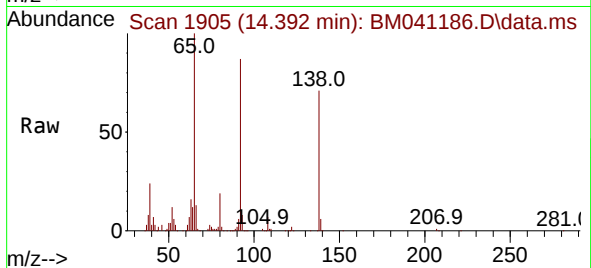
Tgt Ion:154 Resp: 682818
Ion Ratio Lower Upper
154 100
153 112.7 90.2 135.4
152 54.6 43.4 65.0





#53
3-Nitroaniline
Concen: 30.705 ng
RT: 14.392 min Scan# 1905
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

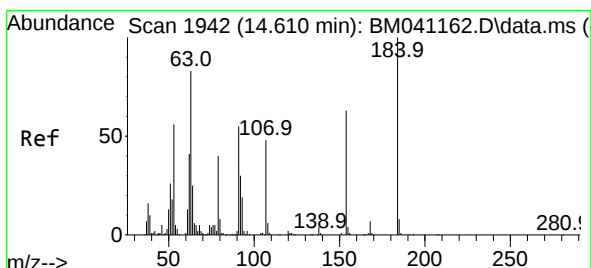
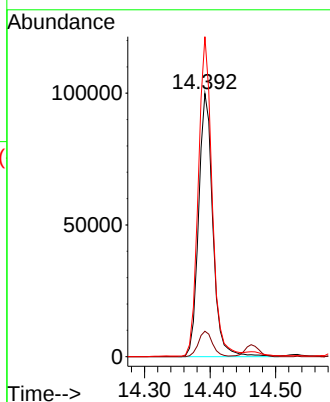
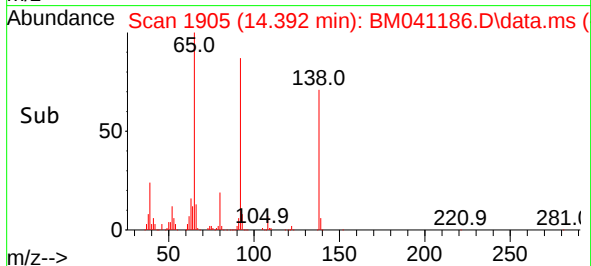
Instrument :
BNA_M
ClientSampleId :
PB154262BSD



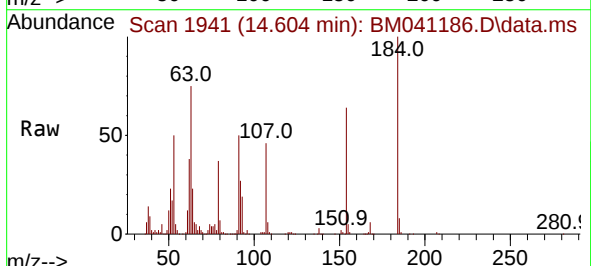
Tgt Ion:138 Resp: 151160
Ion Ratio Lower Upper
138 100
108 9.7 7.6 11.4
92 121.6 98.9 148.3

Manual Integrations
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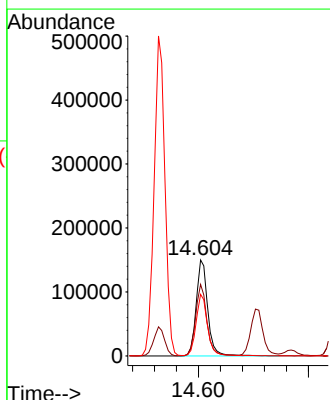
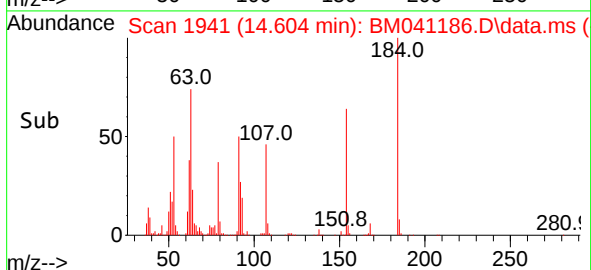
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023

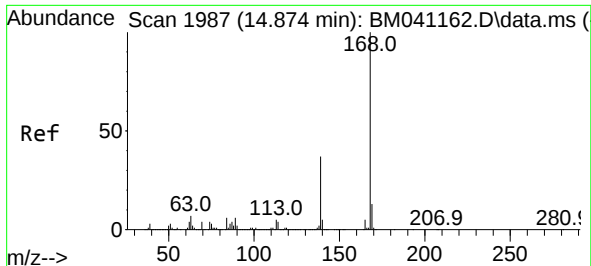


#54
2,4-Dinitrophenol
Concen: 74.065 ng
RT: 14.604 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06



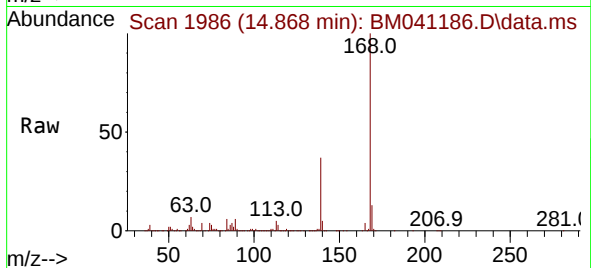
Tgt Ion:184 Resp: 218426
Ion Ratio Lower Upper
184 100
63 74.5 66.5 99.7
154 64.1 52.8 79.2





#55
Dibenzenofuran
Concen: 40.154 ng
RT: 14.868 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

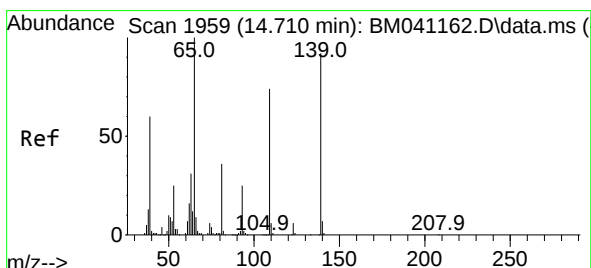
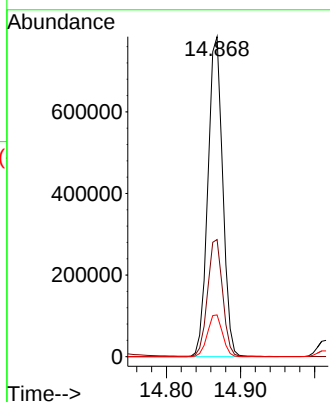
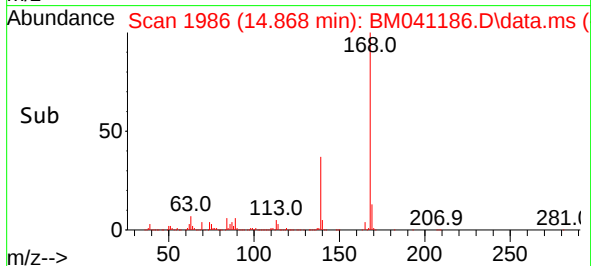
Instrument :
BNA_M
ClientSampleId :
PB154262BSD



Tgt Ion:168 Resp: 1087284
Ion Ratio Lower Upper
168 100
139 36.6 29.8 44.6
169 13.0 10.5 15.7

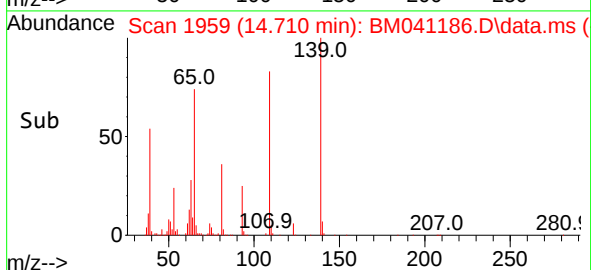
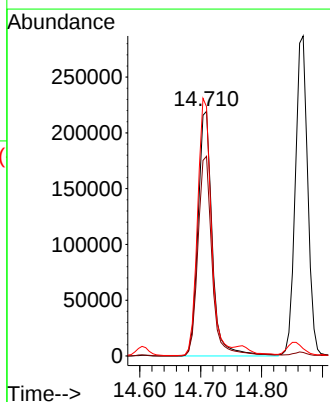
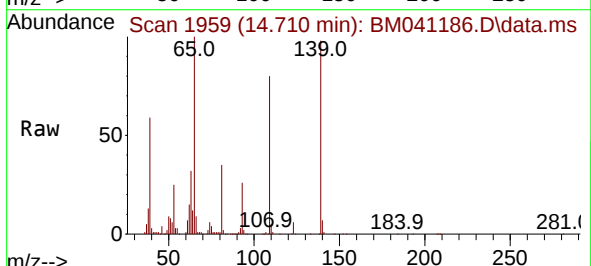
Manual Integrations
APPROVED

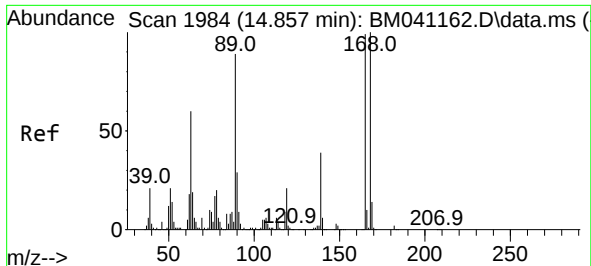
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023



#56
4-Nitrophenol
Concen: 97.172 ng
RT: 14.710 min Scan# 1959
Delta R.T. 0.006 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

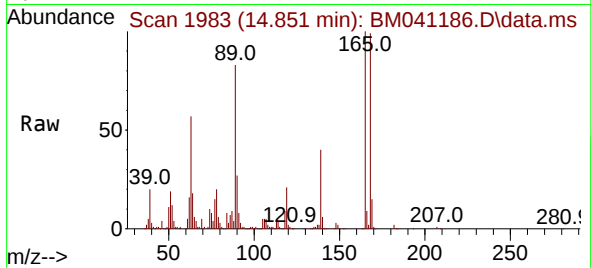
Tgt Ion:139 Resp: 355915
Ion Ratio Lower Upper
139 100
109 81.6 61.2 101.2
65 101.9 89.5 129.5





#57
2,4-Dinitrotoluene
Concen: 40.285 ng
RT: 14.851 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

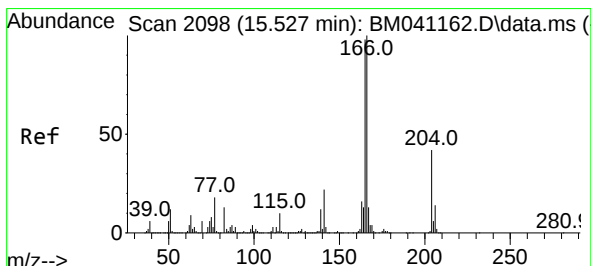
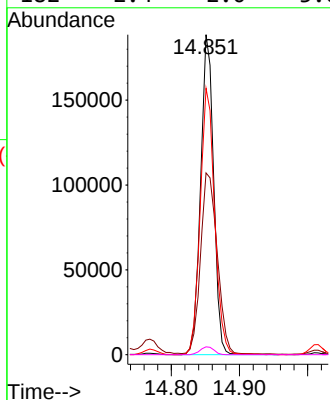
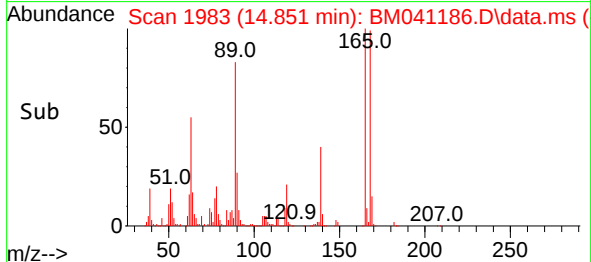
Instrument :
BNA_M
ClientSampleId :
PB154262BSD



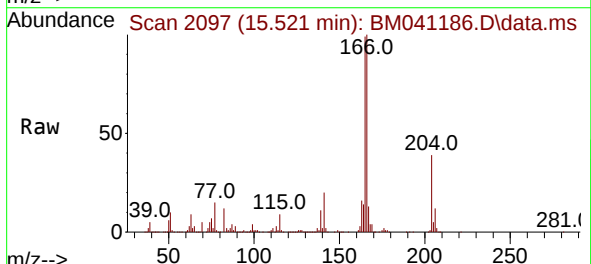
Tgt Ion:165 Resp: 24998
Ion Ratio Lower Upper
165 100
63 56.8 48.3 72.5
89 83.2 71.8 107.8
182 2.4 2.0 3.0

Manual Integrations
APPROVED

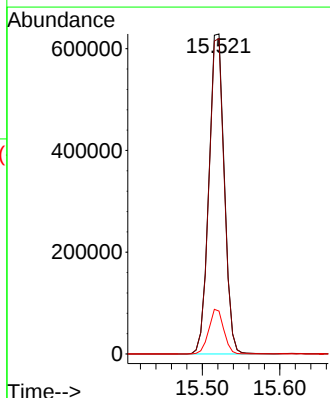
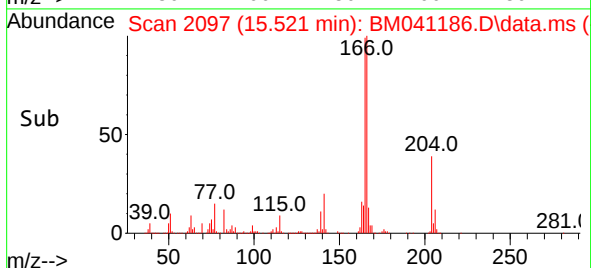
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023

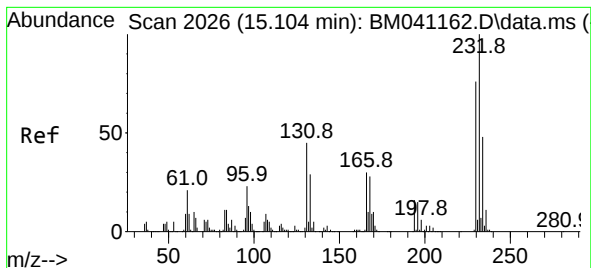


#58
Fluorene
Concen: 40.604 ng
RT: 15.521 min Scan# 2097
Delta R.T. 0.006 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06



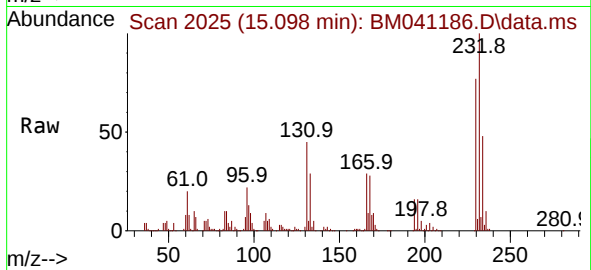
Tgt Ion:166 Resp: 867367
Ion Ratio Lower Upper
166 100
165 98.5 78.2 117.4
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.867 ng
RT: 15.098 min Scan# 2059
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

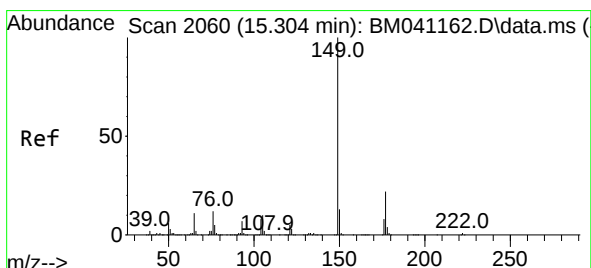
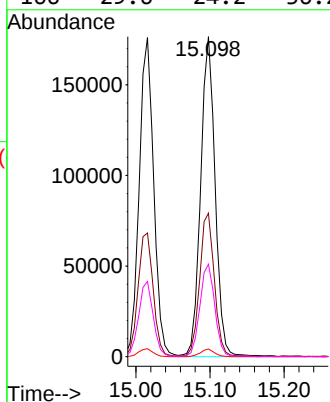
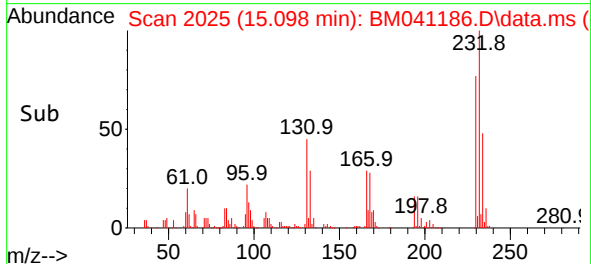
Instrument :
BNA_M
ClientSampleId :
PB154262BSD



Tgt Ion:232 Resp: 241278
Ion Ratio Lower Upper
232 100
131 45.2 36.9 55.3
130 2.3 2.0 3.0
166 29.6 24.2 36.2

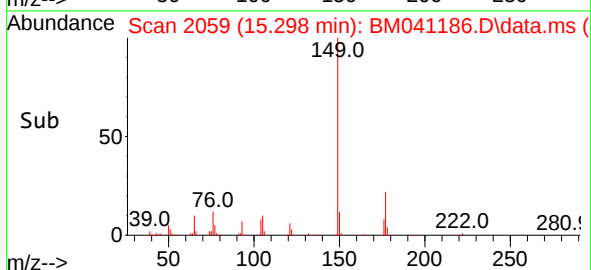
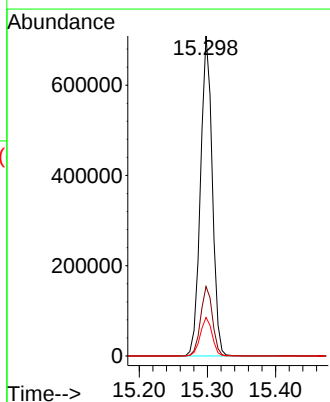
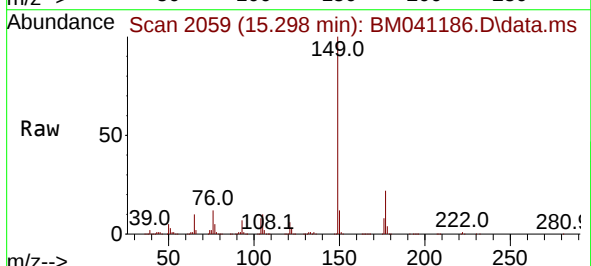
Manual Integrations
APPROVED

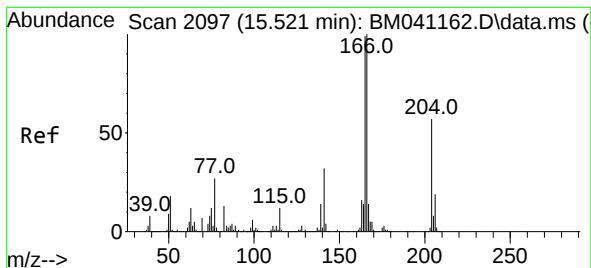
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023



#60
Diethylphthalate
Concen: 41.547 ng
RT: 15.298 min Scan# 2059
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

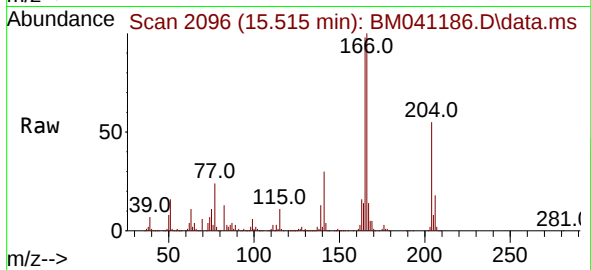
Tgt Ion:149 Resp: 852202
Ion Ratio Lower Upper
149 100
177 21.7 17.5 26.3
150 12.0 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 41.088 ng
RT: 15.515 min Scan# 2096
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

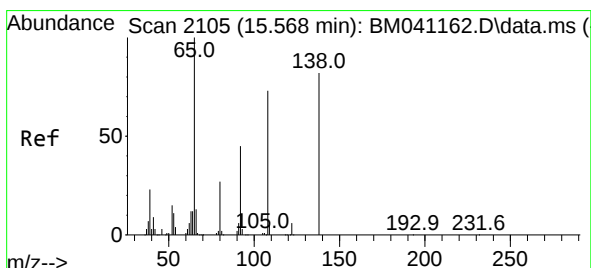
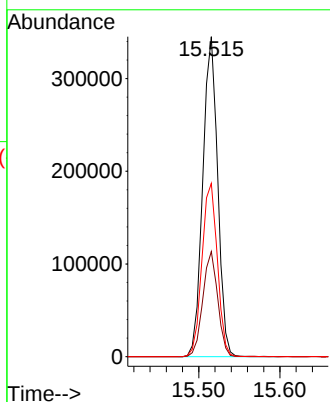
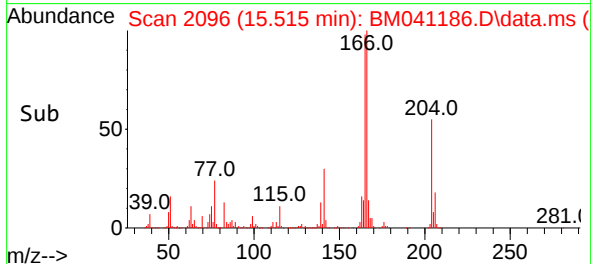
Instrument :
BNA_M
ClientSampleId :
PB154262BSD



Tgt Ion:204 Resp: 439822
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 54.2 44.8 67.2

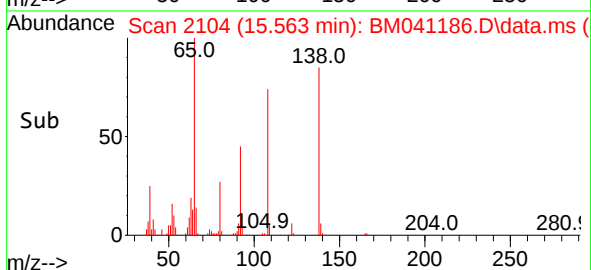
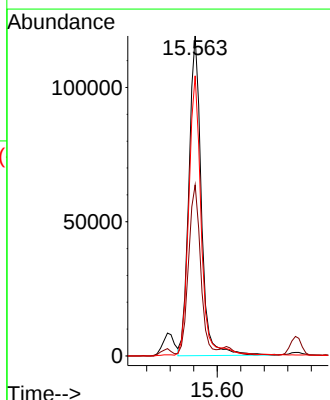
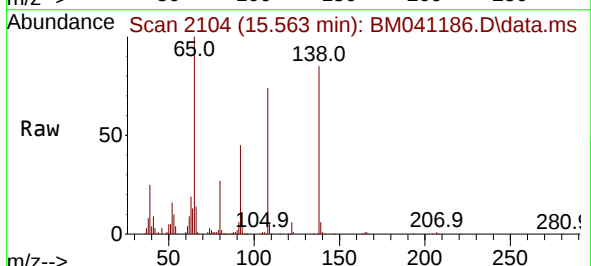
Manual Integrations
APPROVED

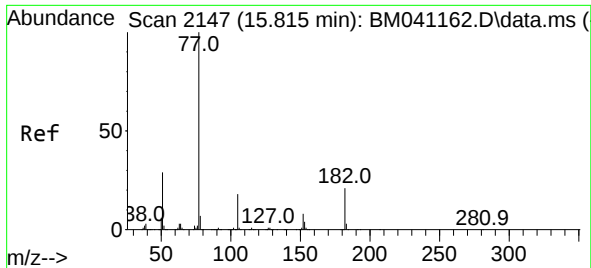
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023



#62
4-Nitroaniline
Concen: 38.272 ng
RT: 15.563 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

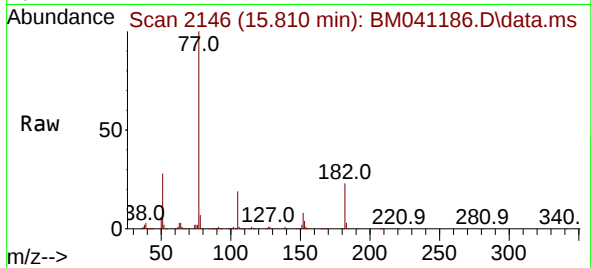
Tgt Ion:138 Resp: 175082
Ion Ratio Lower Upper
138 100
92 53.5 35.1 75.1
108 87.5 67.8 107.8





#63
Azobenzene
Concen: 39.611 ng
RT: 15.810 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

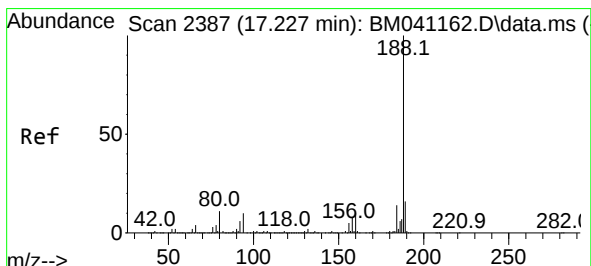
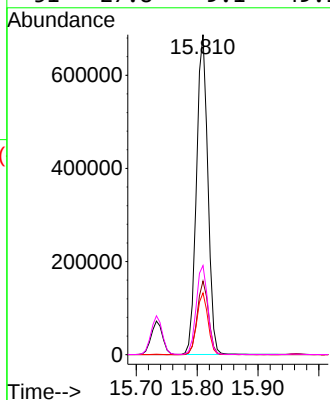
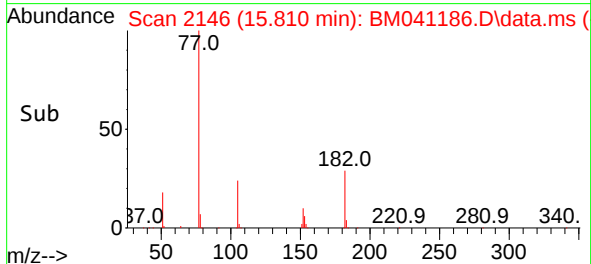
Instrument :
BNA_M
ClientSampleId :
PB154262BSD



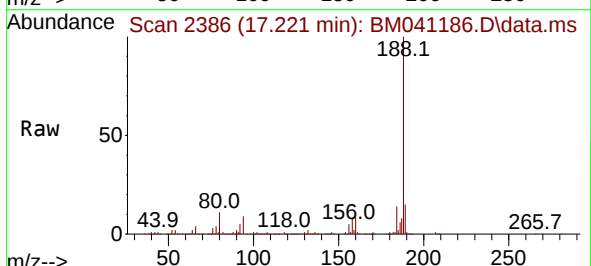
Tgt Ion: 77 Resp: 88998
Ion Ratio Lower Upper
77 100
182 23.0 1.3 41.3
105 19.3 0.0 38.5
51 27.8 9.1 49.1

Manual Integrations
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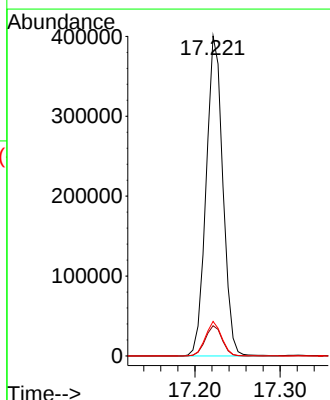
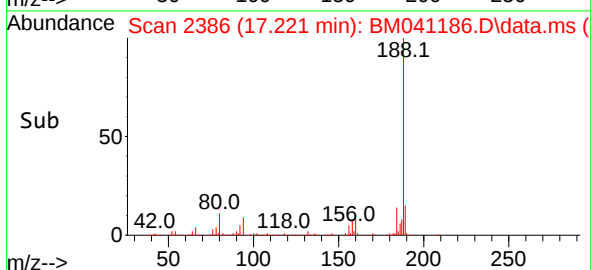
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023

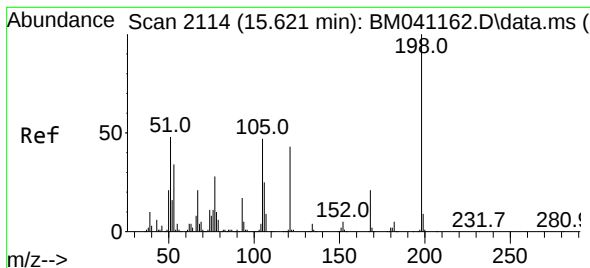


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2386
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06



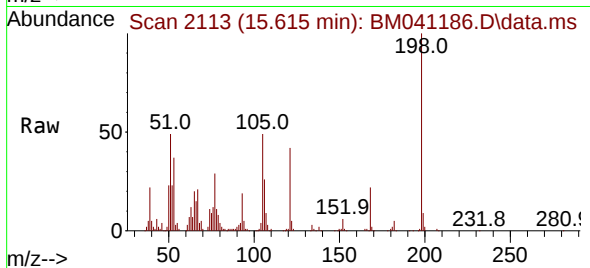
Tgt Ion:188 Resp: 545269
Ion Ratio Lower Upper
188 100
94 9.5 8.2 12.2
80 10.8 8.6 13.0





#65
4,6-Dinitro-2-methylphenol
Concen: 41.014 ng
RT: 15.615 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

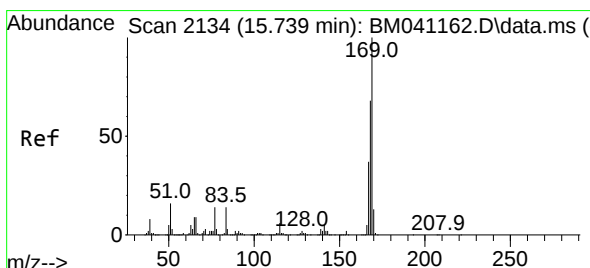
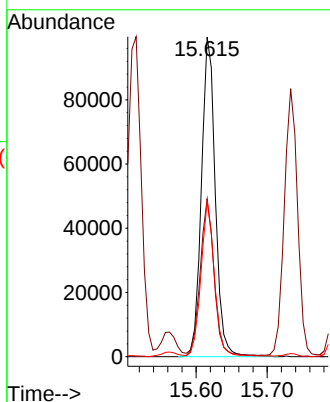
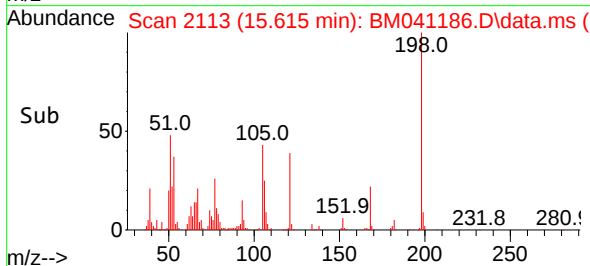
Instrument :
BNA_M
ClientSampleId :
PB154262BSD



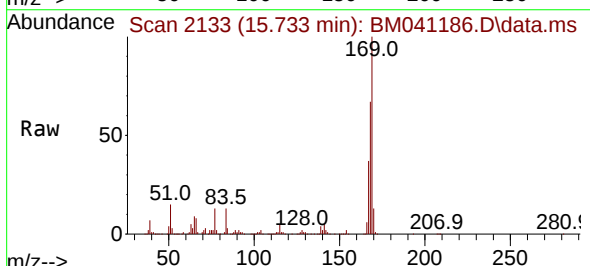
Tgt Ion:198 Resp: 13547
Ion Ratio Lower Upper
198 100
51 49.3 31.7 71.7
105 48.7 27.8 67.8

Manual Integrations
APPROVED

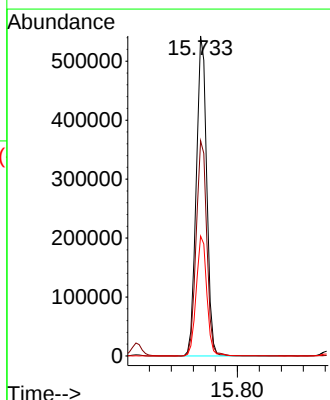
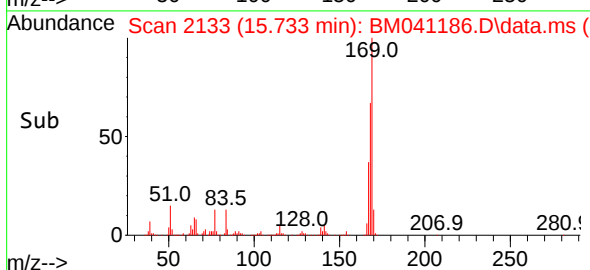
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023

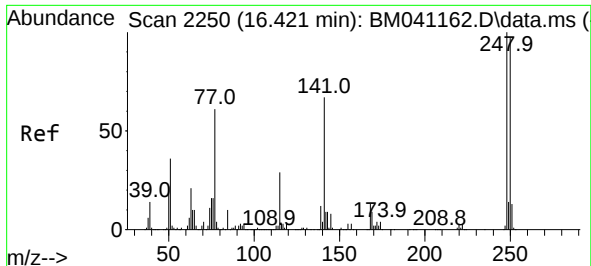


#66
n-Nitrosodiphenylamine
Concen: 42.377 ng
RT: 15.733 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06



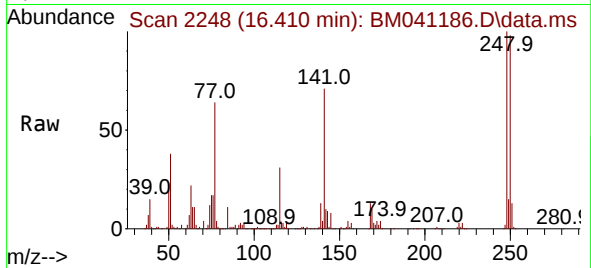
Tgt Ion:169 Resp: 718642
Ion Ratio Lower Upper
169 100
168 67.3 54.6 81.8
167 37.5 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 42.775 ng
RT: 16.410 min Scan# 2248
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

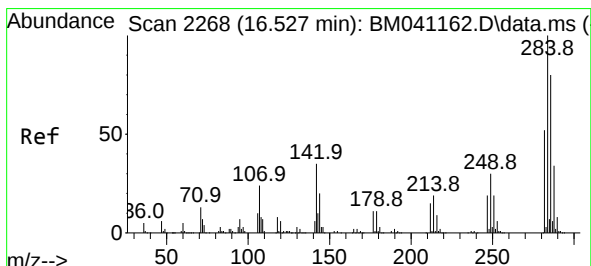
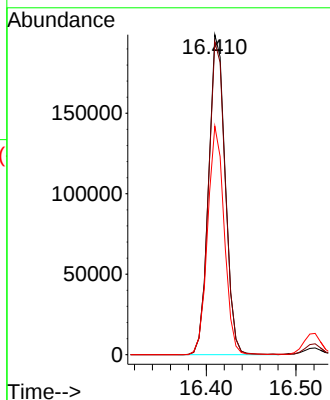
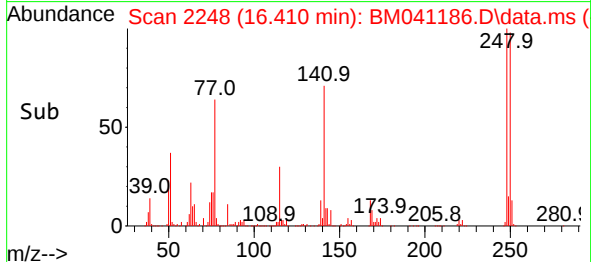
Instrument :
BNA_M
ClientSampleId :
PB154262BSD



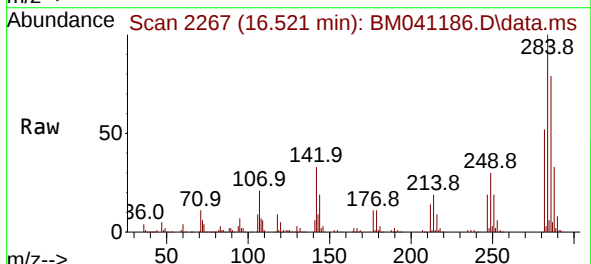
Tgt Ion:248 Resp: 255730
Ion Ratio Lower Upper
248 100
250 97.8 78.0 117.0
141 71.4 53.8 80.8

Manual Integrations
APPROVED

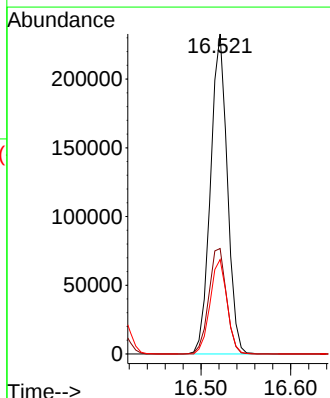
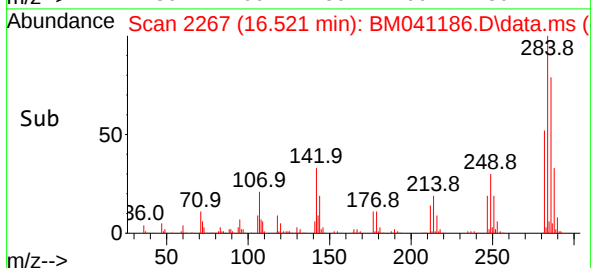
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023

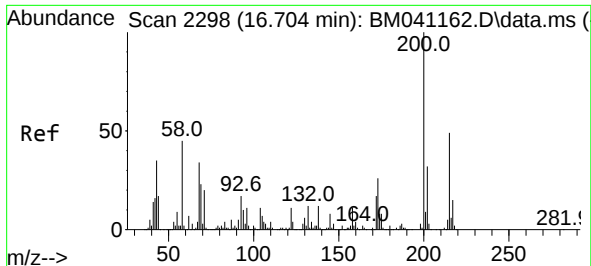


#68
Hexachlorobenzene
Concen: 45.449 ng
RT: 16.521 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06



Tgt Ion:284 Resp: 302136
Ion Ratio Lower Upper
284 100
142 33.0 28.0 42.0
249 29.5 23.7 35.5





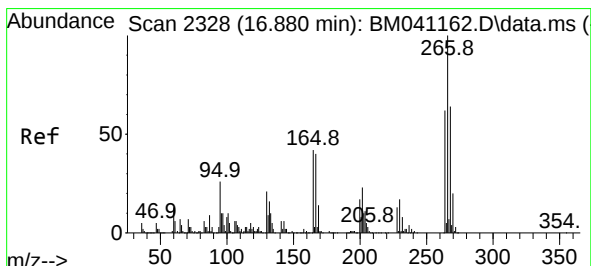
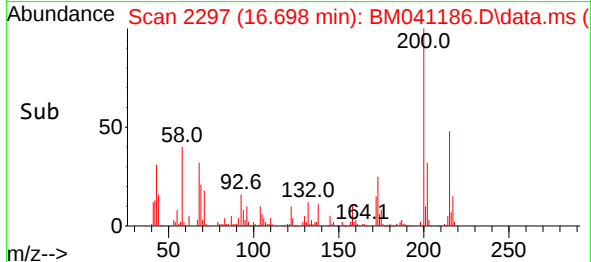
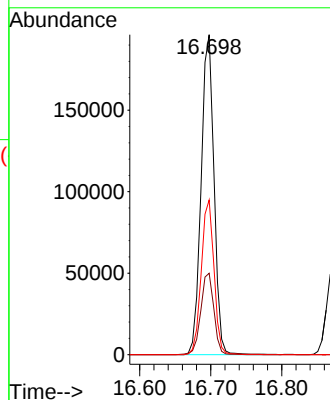
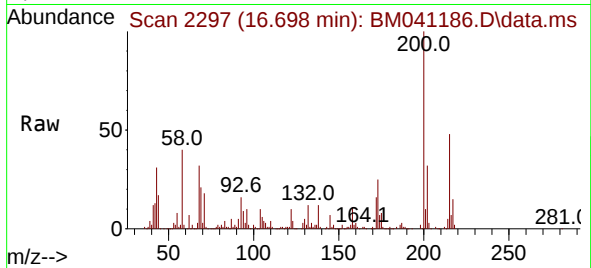
#69
Atrazine
Concen: 55.787 ng
RT: 16.698 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

Instrument :
BNA_M
ClientSampleId :
PB154262BSD

Tgt Ion:200 Resp: 248440
Ion Ratio Lower Upper
200 100
173 25.4 5.6 45.6
215 48.3 28.5 68.5

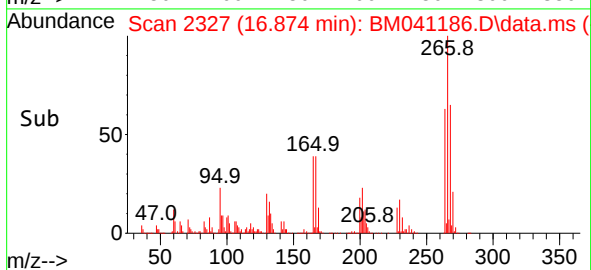
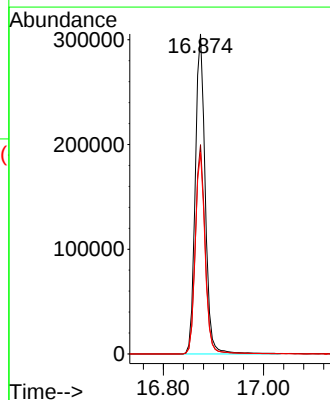
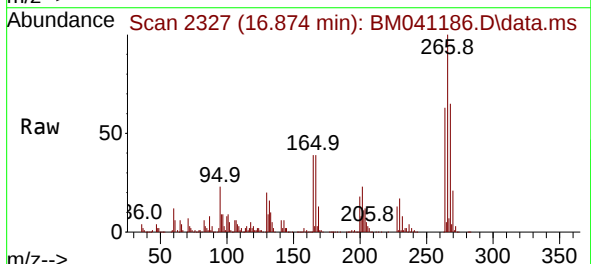
Manual Integrations
APPROVED

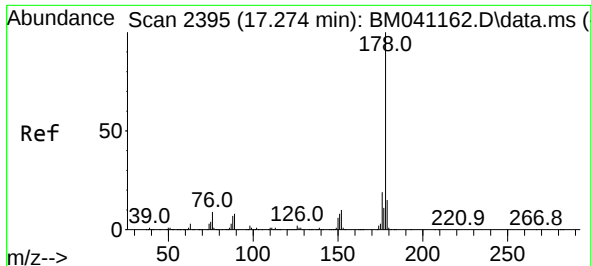
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023



#70
Pentachlorophenol
Concen: 90.757 ng
RT: 16.874 min Scan# 2327
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

Tgt Ion:266 Resp: 417782
Ion Ratio Lower Upper
266 100
268 65.4 51.0 76.6
264 62.9 49.4 74.2





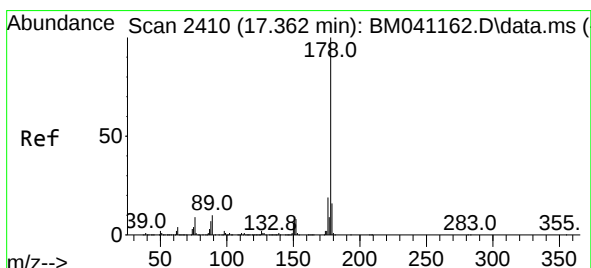
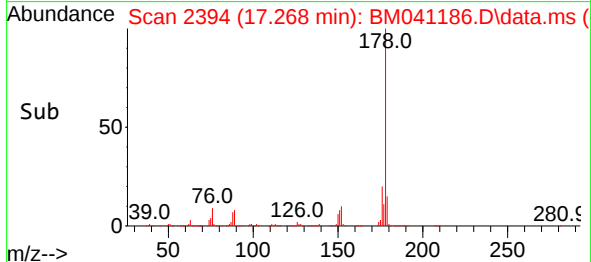
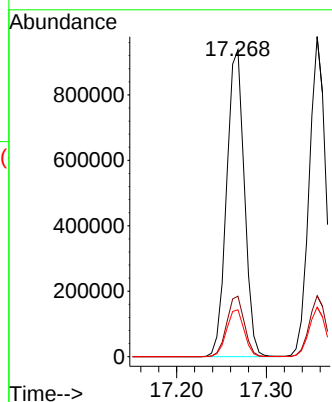
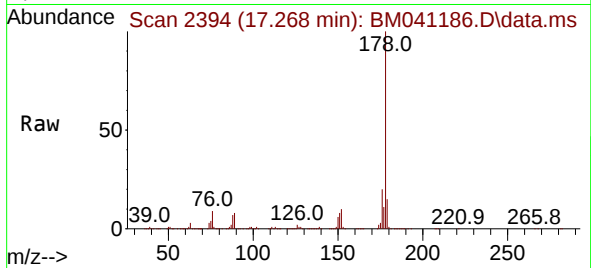
#71
Phenanthrene
Concen: 42.426 ng
RT: 17.268 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

Instrument :
BNA_M
ClientSampleId :
PB154262BSD

Tgt Ion:178 Resp: 128532
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 15.3 12.1 18.1

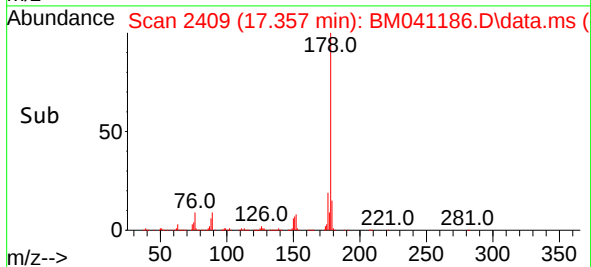
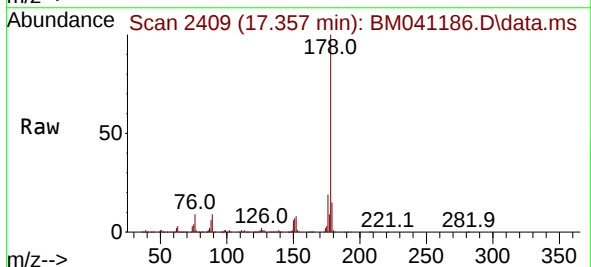
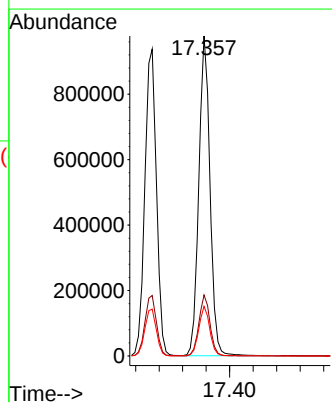
Manual Integrations
APPROVED

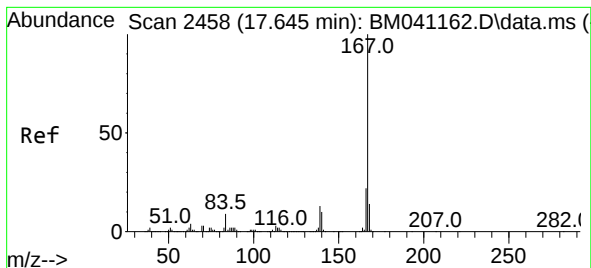
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023



#72
Anthracene
Concen: 43.014 ng
RT: 17.357 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

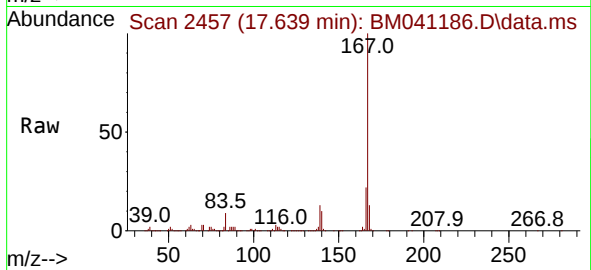
Tgt Ion:178 Resp: 1288809
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 15.5 12.4 18.6





#73
 Carbazole
 Concen: 44.000 ng
 RT: 17.639 min Scan# 2458
 Delta R.T. -0.000 min
 Lab File: BM041186.D
 Acq: 31 Jul 2023 13:06

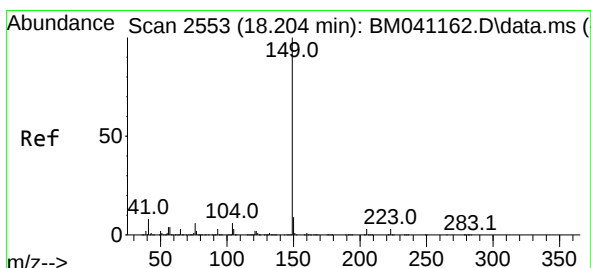
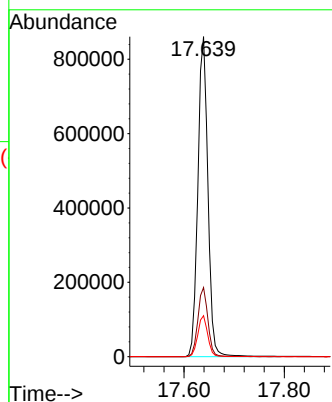
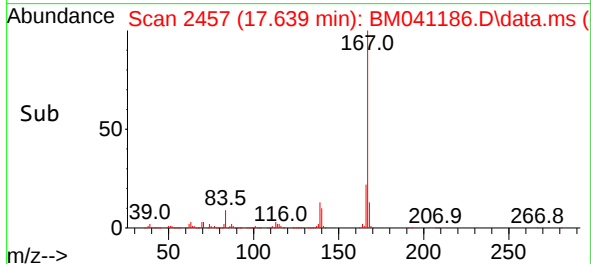
Instrument :
 BNA_M
 ClientSampleId :
 PB154262BSD



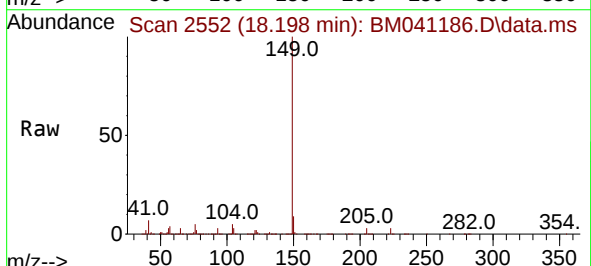
Tgt Ion:167 Resp: 1193248
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.3 25.9
 139 12.8 10.3 15.5

Manual Integrations
 APPROVED

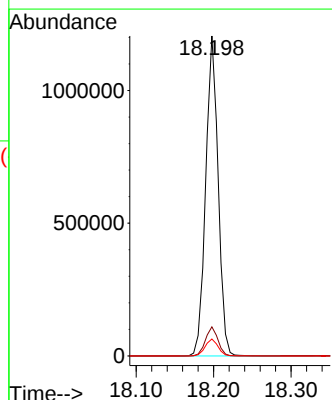
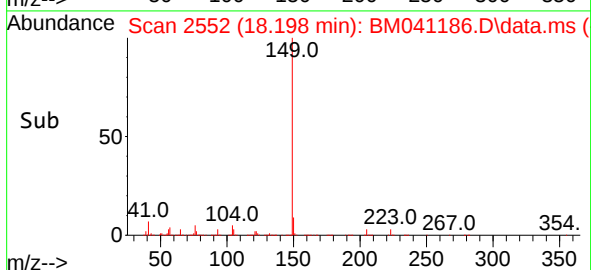
Reviewed By :Yogesh Patel 08/01/2023
 Supervised By :mohammad ahmed 08/01/2023

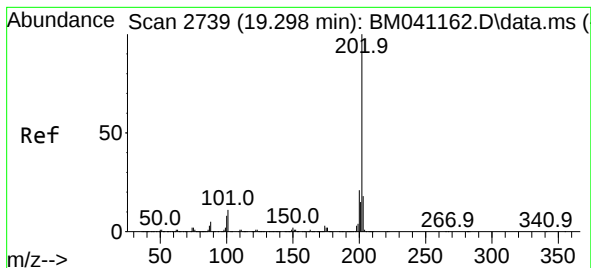


#74
 Di-n-butylphthalate
 Concen: 43.804 ng
 RT: 18.198 min Scan# 2552
 Delta R.T. -0.000 min
 Lab File: BM041186.D
 Acq: 31 Jul 2023 13:06



Tgt Ion:149 Resp: 1342390
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 5.3 4.5 6.7





#75

Fluoranthene

Concen: 43.143 ng

RT: 19.292 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041186.D

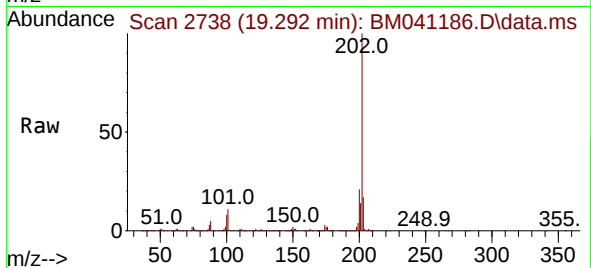
Acq: 31 Jul 2023 13:06

Instrument :

BNA_M

ClientSampleId :

PB154262BSD



Tgt Ion:202 Resp: 1468410

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.8

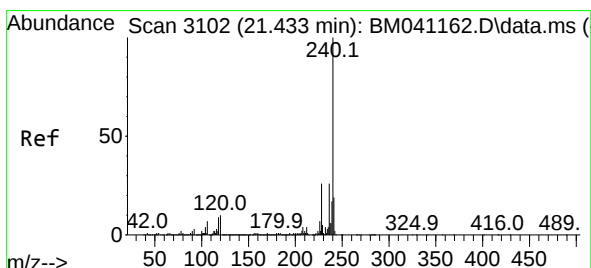
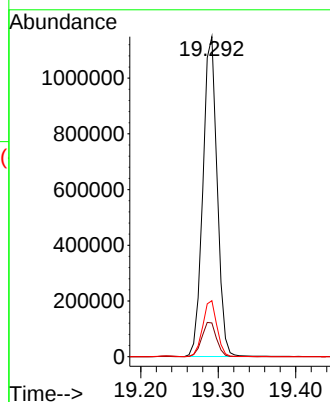
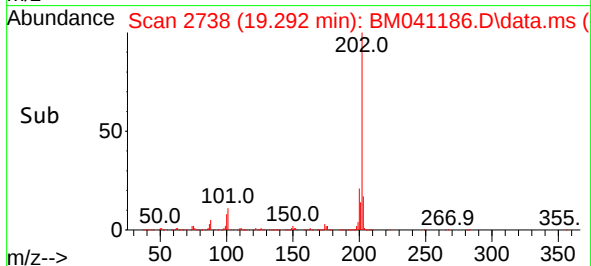
203 17.5 0.0 37.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/01/2023

Supervised By :mohammad ahmed 08/01/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.421 min Scan# 3100

Delta R.T. -0.006 min

Lab File: BM041186.D

Acq: 31 Jul 2023 13:06

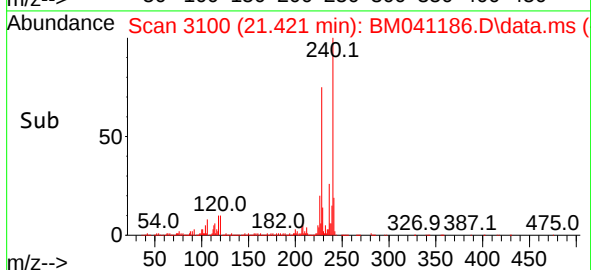
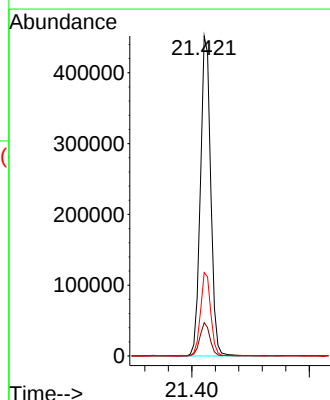
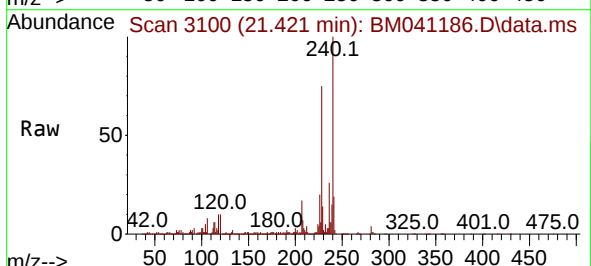
Tgt Ion:240 Resp: 549852

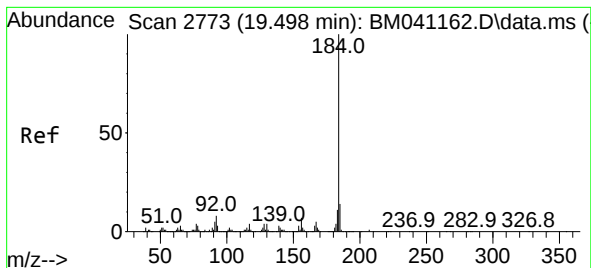
Ion Ratio Lower Upper

240 100

120 10.4 8.3 12.5

236 26.0 20.6 30.8





#77

Benzidine

Concen: 115.773 ng

RT: 19.492 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041186.D

Acq: 31 Jul 2023 13:06

Instrument :

BNA_M

ClientSampleId :

PB154262BSD

Tgt Ion:184 Resp: 86765

Ion Ratio Lower Upper

184 100

185 13.8 11.4 17.0

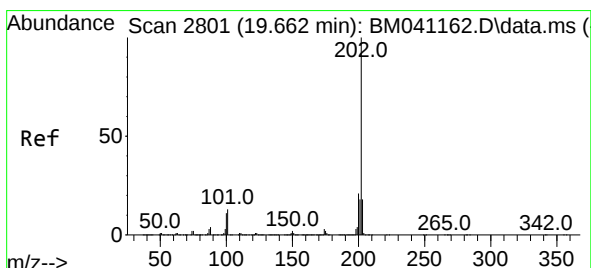
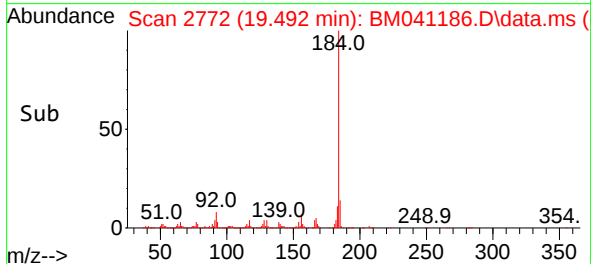
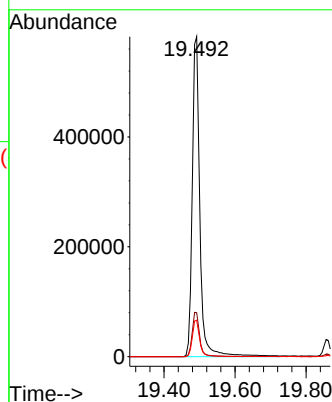
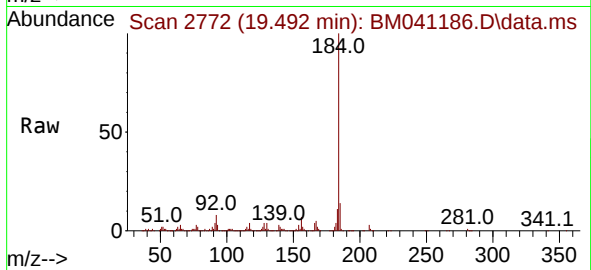
183 11.4 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/01/2023

Supervised By :mohammad ahmed 08/01/2023



#78

Pyrene

Concen: 40.814 ng

RT: 19.656 min Scan# 2800

Delta R.T. -0.000 min

Lab File: BM041186.D

Acq: 31 Jul 2023 13:06

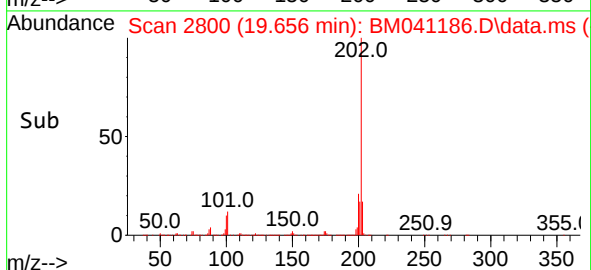
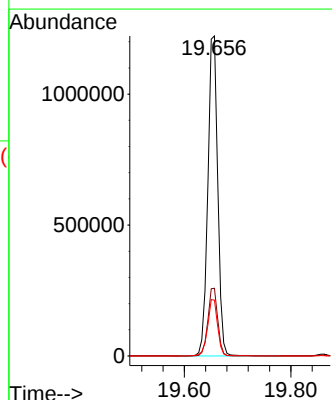
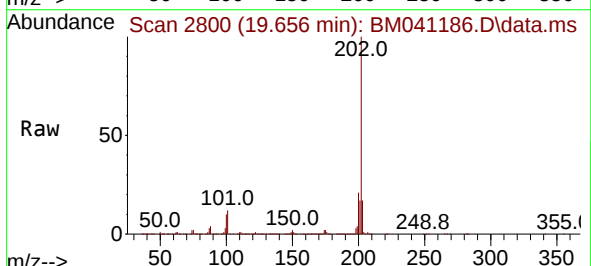
Tgt Ion:202 Resp: 1569387

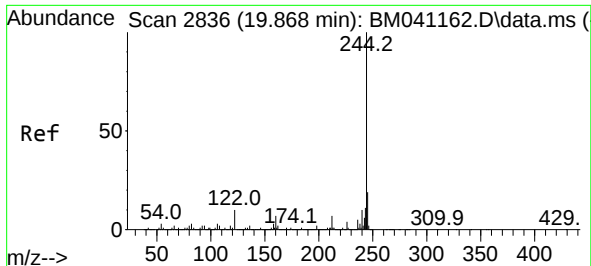
Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

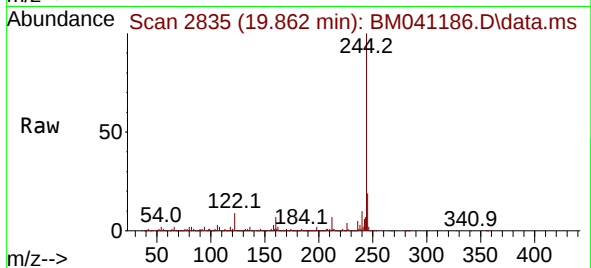
203 17.5 14.1 21.1





#79
 Terphenyl-d14
 Concen: 85.537 ng
 RT: 19.862 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM041186.D
 Acq: 31 Jul 2023 13:06

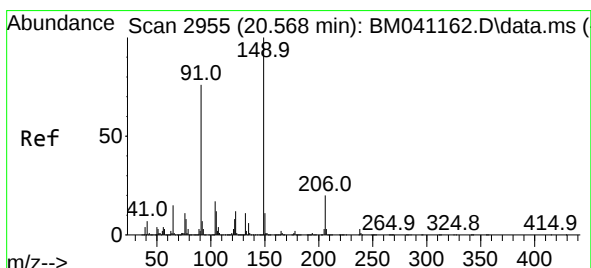
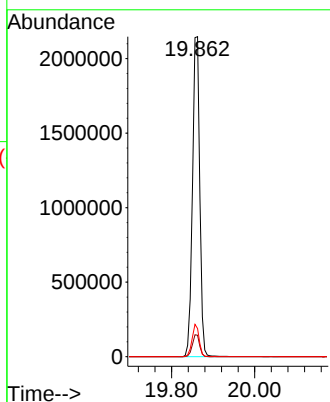
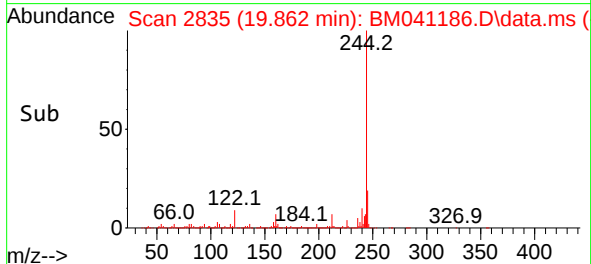
Instrument :
 BNA_M
 ClientSampleId :
 PB154262BSD



Tgt Ion:244 Resp: 2601280
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 8.8 7.8 11.6

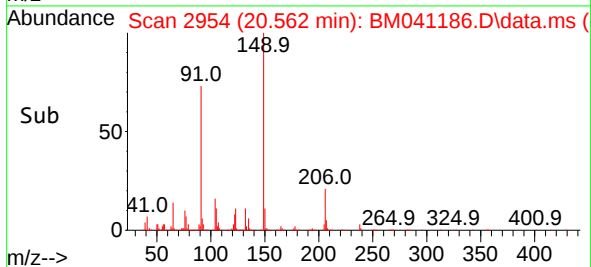
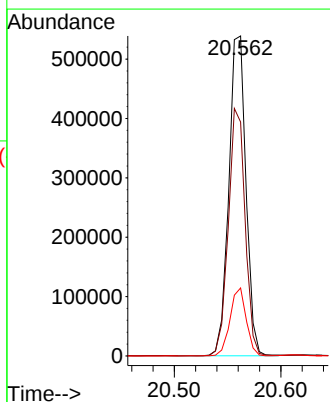
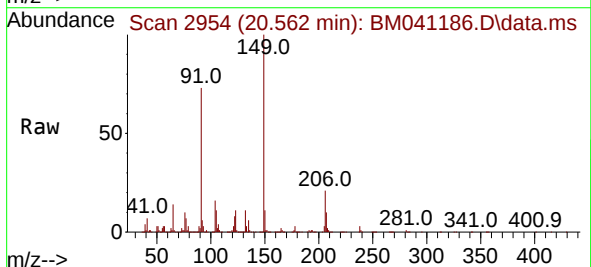
Manual Integrations
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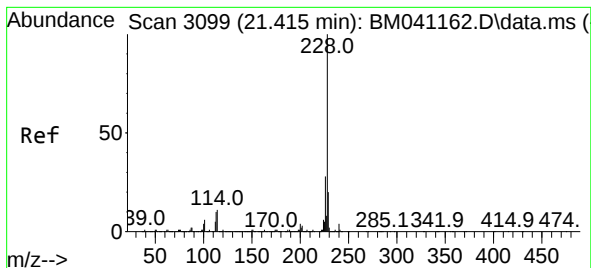
Reviewed By :Yogesh Patel 08/01/2023
 Supervised By :mohammad ahmed 08/01/2023



#80
 Butylbenzylphthalate
 Concen: 42.943 ng
 RT: 20.562 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: BM041186.D
 Acq: 31 Jul 2023 13:06

Tgt Ion:149 Resp: 603001
 Ion Ratio Lower Upper
 149 100
 91 73.1 60.8 91.2
 206 21.2 16.4 24.6





#81

Benzo(a)anthracene

Concen: 44.087 ng

RT: 21.409 min Scan# 3099

Delta R.T. -0.000 min

Lab File: BM041186.D

Acq: 31 Jul 2023 13:06

Instrument :

BNA_M

ClientSampleId :

PB154262BSD

Tgt Ion:228 Resp: 164337

Ion Ratio Lower Upper

228 100

226 27.4 22.4 33.6

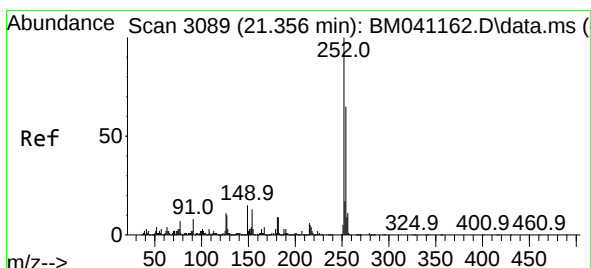
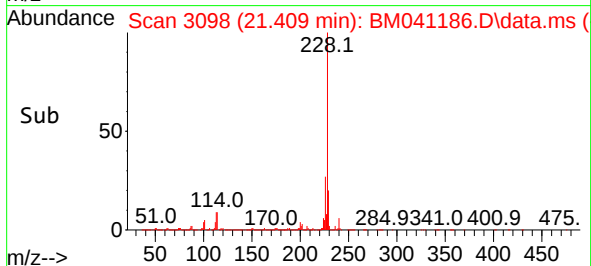
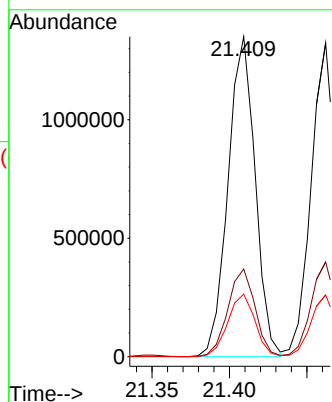
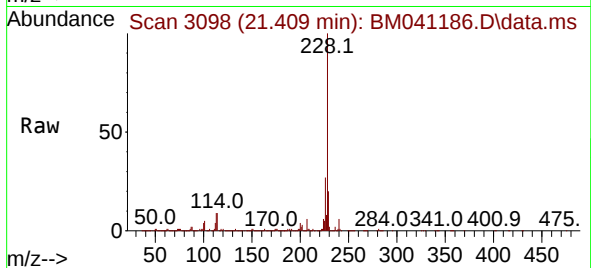
229 19.6 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/01/2023

Supervised By :mohammad ahmed 08/01/2023



#82

3,3'-Dichlorobenzidine

Concen: 42.963 ng

RT: 21.350 min Scan# 3088

Delta R.T. -0.000 min

Lab File: BM041186.D

Acq: 31 Jul 2023 13:06

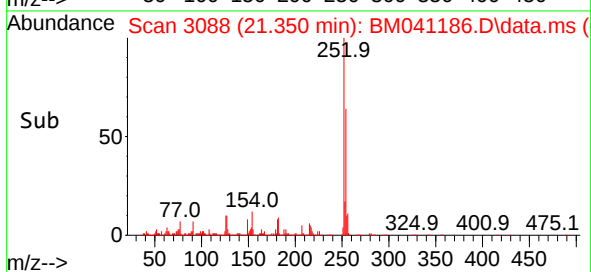
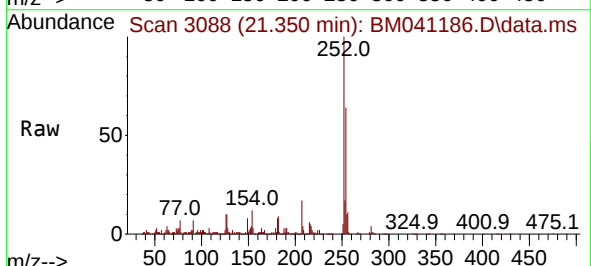
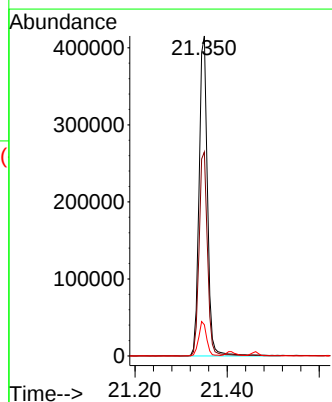
Tgt Ion:252 Resp: 522571

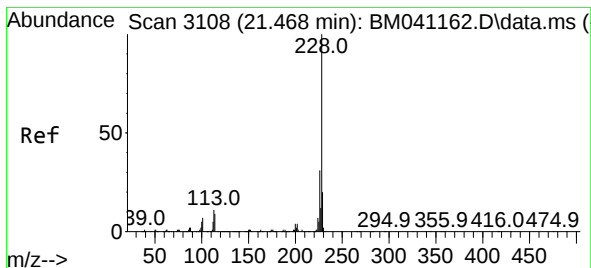
Ion Ratio Lower Upper

252 100

254 63.7 51.8 77.6

126 9.7 8.6 13.0





#83

Chrysene

Concen: 41.999 ng

RT: 21.462 min Scan# 3108

Delta R.T. -0.000 min

Lab File: BM041186.D

Acq: 31 Jul 2023 13:06

Instrument :

BNA_M

ClientSampleId :

PB154262BSD

Tgt Ion:228 Resp: 1514240

Ion Ratio Lower Upper

228 100

226 30.2 24.5 36.7

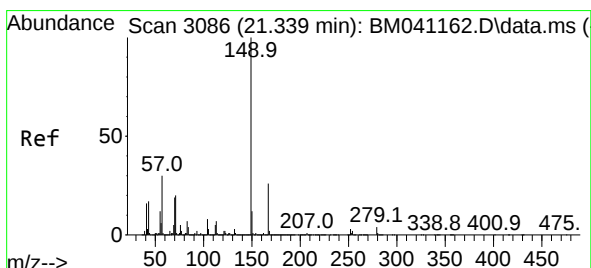
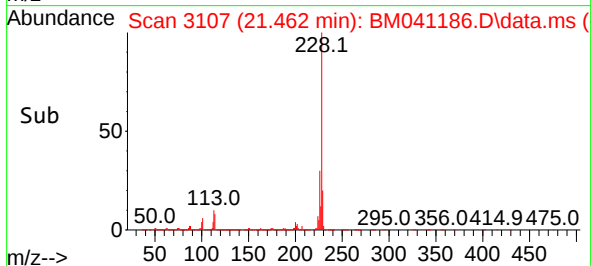
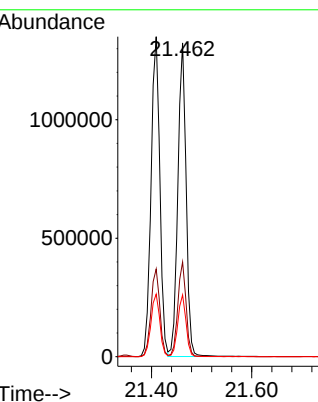
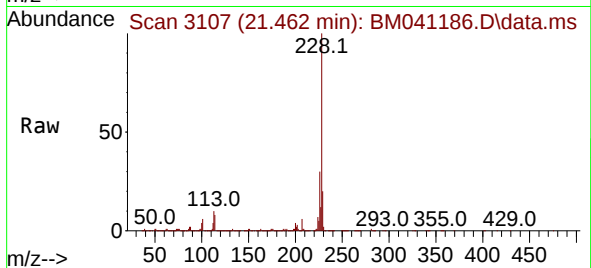
229 19.7 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/01/2023

Supervised By :mohammad ahmed 08/01/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.775 ng

RT: 21.333 min Scan# 3085

Delta R.T. -0.006 min

Lab File: BM041186.D

Acq: 31 Jul 2023 13:06

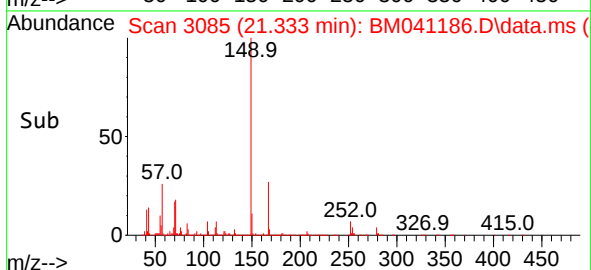
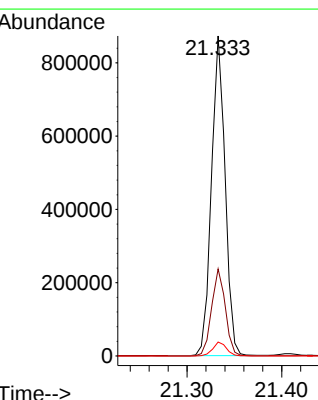
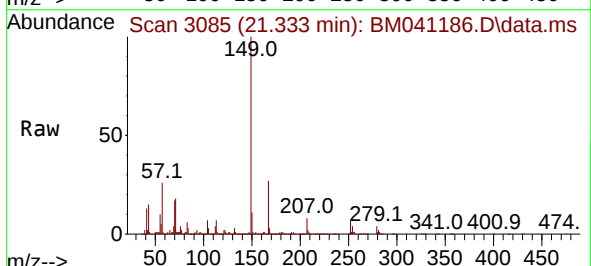
Tgt Ion:149 Resp: 876708

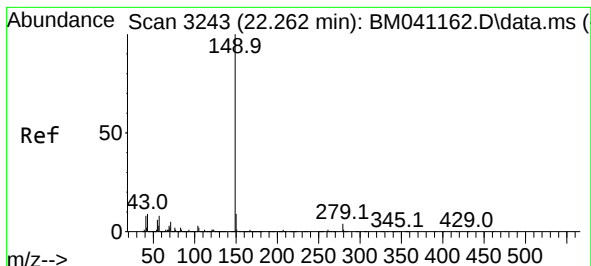
Ion Ratio Lower Upper

149 100

167 27.2 21.0 31.6

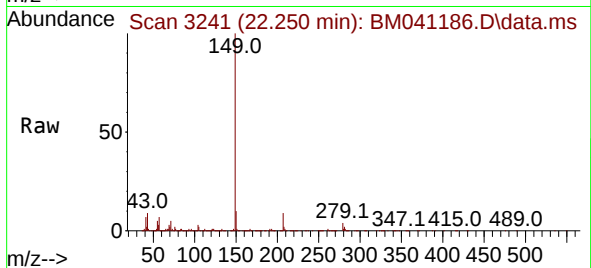
279 4.4 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 44.225 ng
RT: 22.250 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

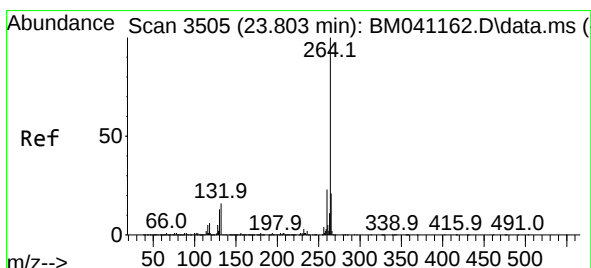
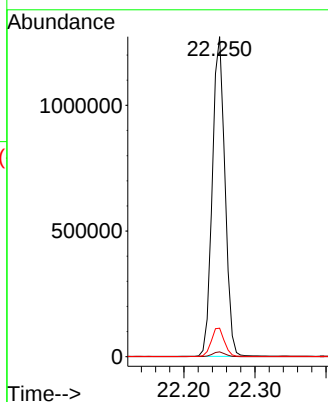
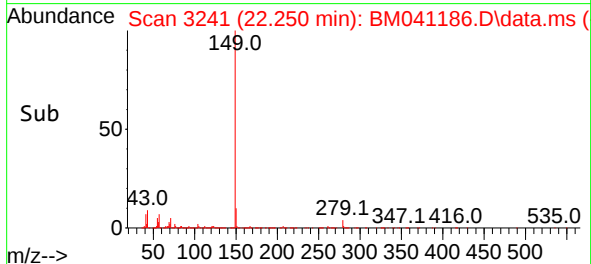
Instrument :
BNA_M
ClientSampleId :
PB154262BSD



Tgt Ion:149 Resp: 1569469
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.3 8.3 12.5

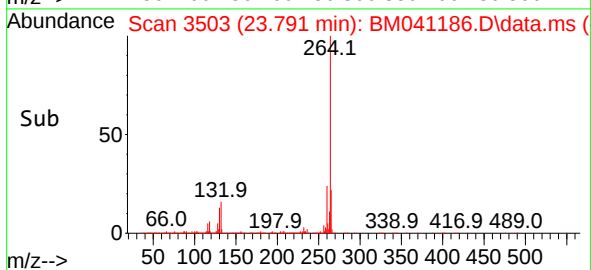
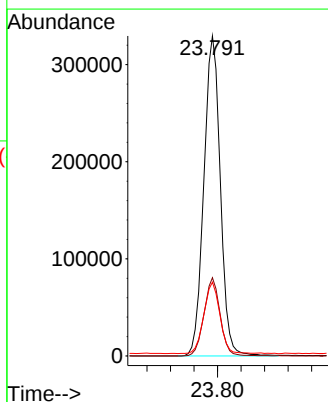
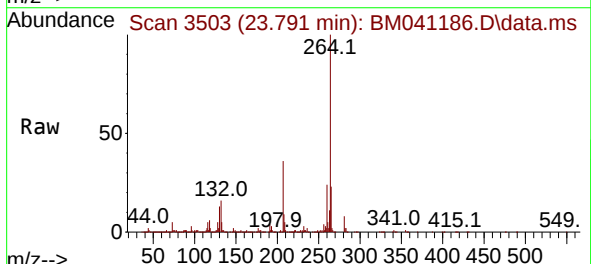
Manual Integrations
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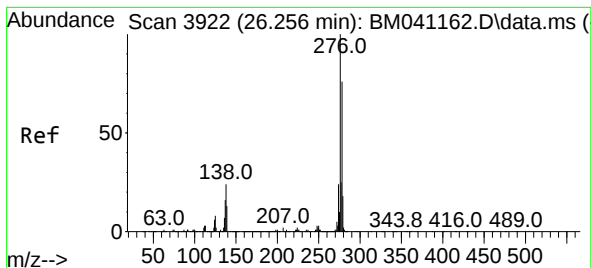
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.791 min Scan# 3503
Delta R.T. -0.006 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

Tgt Ion:264 Resp: 640278
Ion Ratio Lower Upper
264 100
260 24.5 18.5 27.7
265 23.0 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.797 ng

RT: 26.244 min Scan# 3922

Delta R.T. -0.000 min

Lab File: BM041186.D

Acq: 31 Jul 2023 13:06

Instrument :

BNA_M

ClientSampleId :

PB154262BSD

Tgt Ion:276 Resp: 210877

Ion Ratio Lower Upper

276 100

138 23.6 20.0 30.0

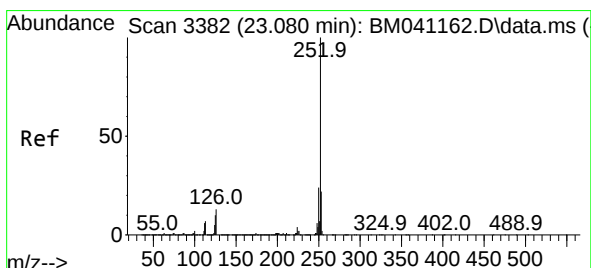
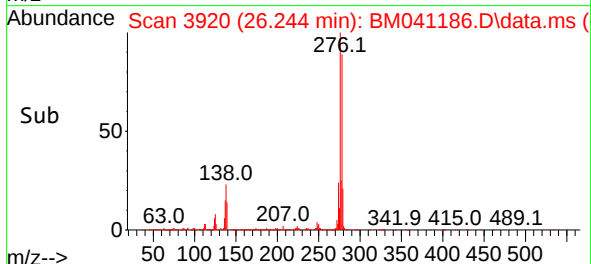
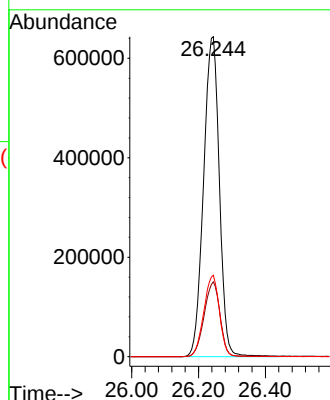
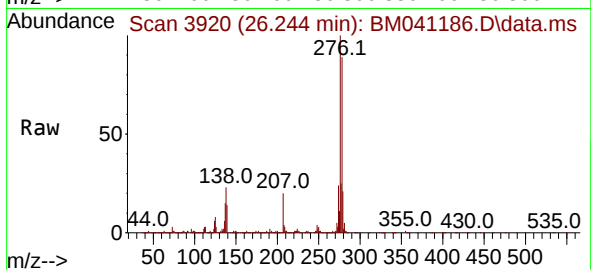
277 25.2 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/01/2023

Supervised By :mohammad ahmed 08/01/2023



#88

Benzo(b)fluoranthene

Concen: 46.469 ng

RT: 23.074 min Scan# 3381

Delta R.T. -0.000 min

Lab File: BM041186.D

Acq: 31 Jul 2023 13:06

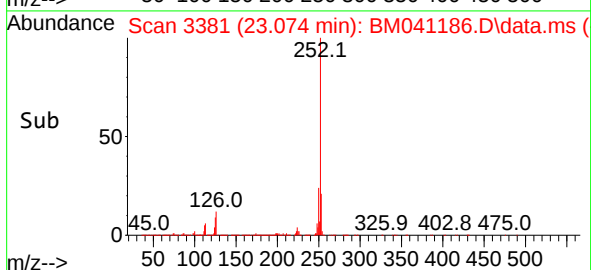
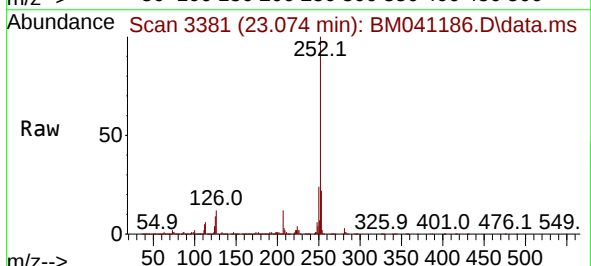
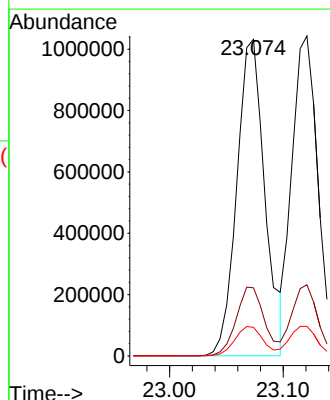
Tgt Ion:252 Resp: 1767521

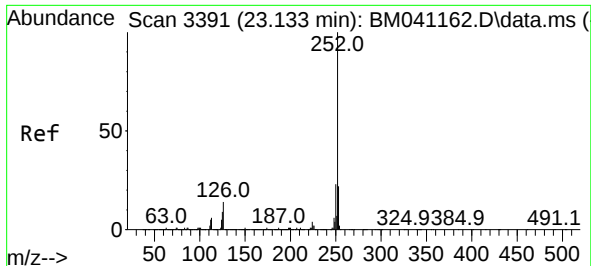
Ion Ratio Lower Upper

252 100

253 21.5 17.7 26.5

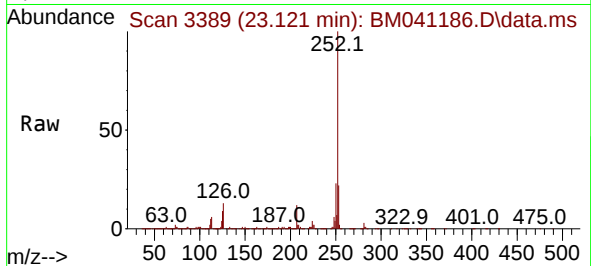
125 9.1 8.2 12.4





#89
Benzo(k)fluoranthene
Concen: 42.828 ng
RT: 23.121 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

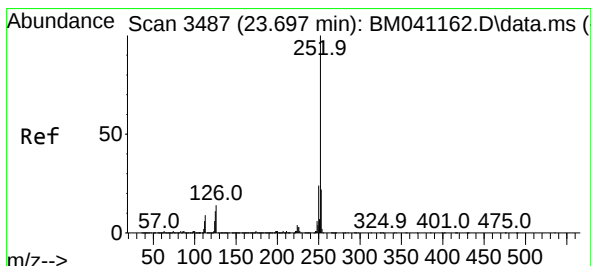
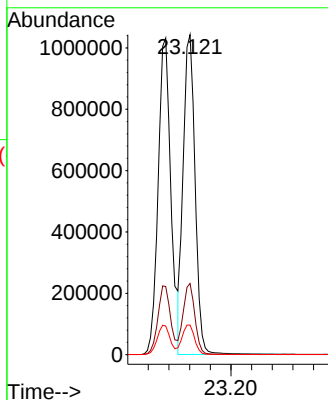
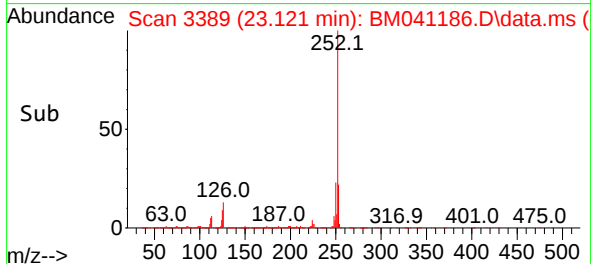
Instrument :
BNA_M
ClientSampleId :
PB154262BSD



Tgt Ion:252 Resp: 1666350
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 9.2 7.6 11.4

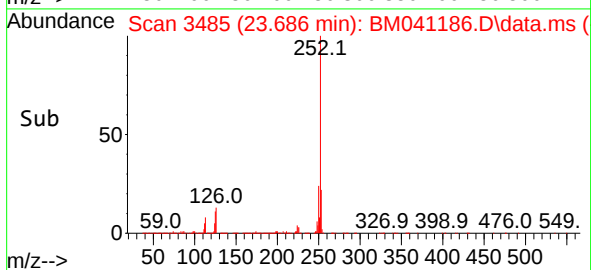
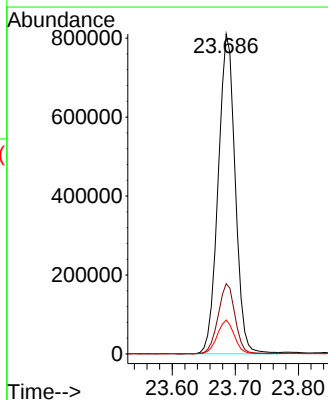
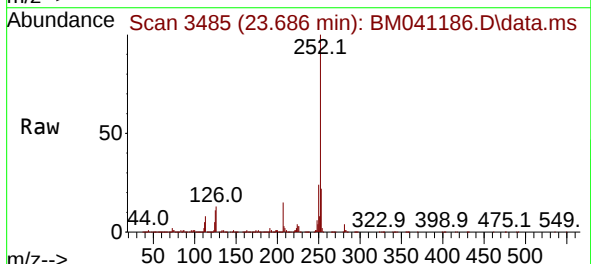
Manual Integrations
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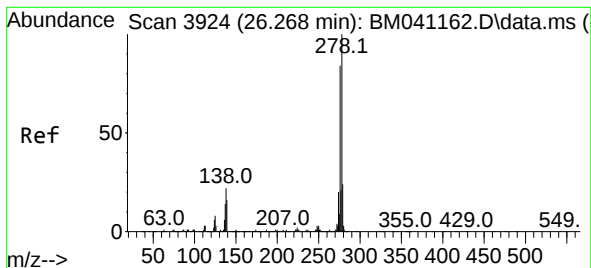
Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023



#90
Benzo(a)pyrene
Concen: 41.477 ng
RT: 23.686 min Scan# 3485
Delta R.T. -0.006 min
Lab File: BM041186.D
Acq: 31 Jul 2023 13:06

Tgt Ion:252 Resp: 1515900
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 10.6 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 45.376 ng

RT: 26.256 min Scan# 3924

Delta R.T. -0.000 min

Lab File: BM041186.D

Acq: 31 Jul 2023 13:06

Instrument :

BNA_M

ClientSampleId :

PB154262BSD

Tgt Ion:278 Resp: 178165

Ion Ratio Lower Upper

278 100

139 14.0 12.7 19.1

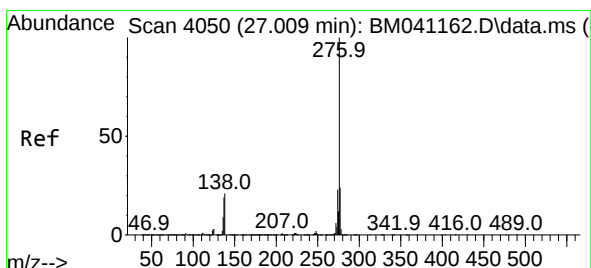
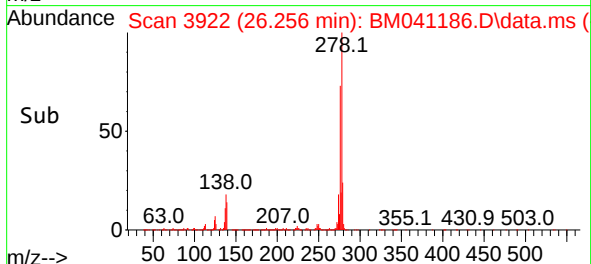
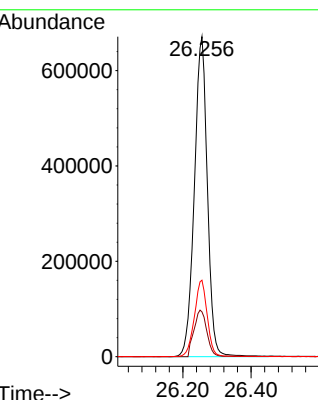
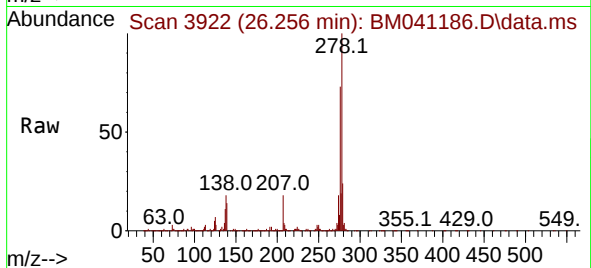
279 23.9 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/01/2023

Supervised By :mohammad ahmed 08/01/2023



#92

Benzo(g,h,i)perylene

Concen: 43.942 ng

RT: 26.991 min Scan# 4047

Delta R.T. -0.006 min

Lab File: BM041186.D

Acq: 31 Jul 2023 13:06

Tgt Ion:276 Resp: 1688225

Ion Ratio Lower Upper

276 100

277 24.3 19.1 28.7

138 20.2 17.1 25.7

