

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103023\
 Data File : BM042498.D
 Acq On : 30 Oct 2023 17:36
 Operator : MA/JU
 Sample : PB156526BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156526BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/31/2023
 Supervised By :mohammad ahmed 10/31/2023

Quant Time: Oct 31 03:44:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 02:55:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	99395	20.000	ng	0.00
21) Naphthalene-d8	10.751	136	391894	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	209687	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	393078	20.000	ng	0.00
76) Chrysene-d12	21.509	240	308730	20.000	ng	0.00
86) Perylene-d12	23.927	264	295438	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	620835	100.805	ng	0.00
7) Phenol-d6	7.098	99	786388	93.102	ng	0.00
23) Nitrobenzene-d5	9.134	82	784111	93.271	ng	0.00
42) 2,4,6-Tribromophenol	16.074	330	247890	90.549	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	1534662	98.482	ng	0.00
79) Terphenyl-d14	19.945	244	1938902	106.488	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	112160	38.214	ng	97
3) Pyridine	3.757	79	295709	35.121	ng	99
4) n-Nitrosodimethylamine	3.675	42	191671	47.304	ng	96
6) Aniline	7.275	93	363842	33.888	ng	100
8) 2-Chlorophenol	7.487	128	322020	48.491	ng	99
9) Benzaldehyde	7.093	77	151073	31.034	ng	99
10) Phenol	7.128	94	412557	48.093	ng	99
11) bis(2-Chloroethyl)ether	7.369	93	327486	45.126	ng	99
12) 1,3-Dichlorobenzene	7.804	146	343884	47.914	ng	99
13) 1,4-Dichlorobenzene	7.963	146	349156	48.069	ng	98
14) 1,2-Dichlorobenzene	8.275	146	332662	47.436	ng	98
15) Benzyl Alcohol	8.198	79	289205	48.364	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.463	45	521371m	45.145	ng	
17) 2-Methylphenol	8.381	107	265037	43.634	ng	98
18) Hexachloroethane	8.992	117	139829	49.199	ng	97
19) n-Nitroso-di-n-propyla...	8.757	70	262012	43.850	ng	97
20) 3+4-Methylphenols	8.716	107	356589	43.911	ng	99
22) Acetophenone	8.787	105	464264	46.972	ng	# 100
24) Nitrobenzene	9.175	77	393889	47.570	ng	99
25) Isophorone	9.692	82	675219	45.378	ng	98
26) 2-Nitrophenol	9.875	139	160809	45.840	ng	99
27) 2,4-Dimethylphenol	9.922	122	285950	50.234	ng	100
28) bis(2-Chloroethoxy)met...	10.175	93	425475	47.462	ng	100
29) 2,4-Dichlorophenol	10.398	162	279433	49.612	ng	100
30) 1,2,4-Trichlorobenzene	10.598	180	308339	49.953	ng	99
31) Naphthalene	10.798	128	952569	47.047	ng	100
32) Benzoic acid	10.081	122	192091	42.047	ng	96
33) 4-Chloroaniline	10.945	127	126508	16.024	ng	98
34) Hexachlorobutadiene	11.022	225	188412	50.274	ng	99
35) Caprolactam	11.804	113	79751	40.300	ng	98
36) 4-Chloro-3-methylphenol	12.051	107	292246	45.592	ng	97
37) 2-Methylnaphthalene	12.404	142	630310	44.203	ng	99
38) 1-Methylnaphthalene	12.622	142	587632	43.782	ng	99
40) 1,2,4,5-Tetrachloroben...	12.757	216	325859	52.018	ng	99
41) Hexachlorocyclopentadiene	12.698	237	497456	128.465	ng	99
43) 2,4,6-Trichlorophenol	13.016	196	212883	53.057	ng	96

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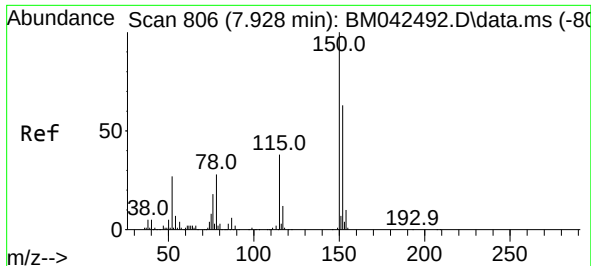
Manual Integrations
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Reviewed By :Yogesh Patel 10/31/2023
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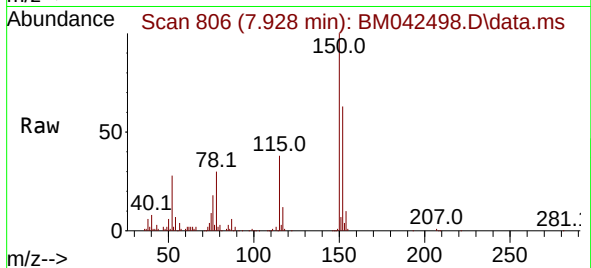
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.086	196	227330	47.613	ng	98
46) 1,1'-Biphenyl	13.416	154	795498	49.629	ng	99
47) 2-Chloronaphthalene	13.463	162	612618	52.098	ng	98
48) 2-Nitroaniline	13.704	65	203436	43.356	ng	97
49) Acenaphthylene	14.310	152	952137	48.891	ng	99
50) Dimethylphthalate	14.051	163	715861	45.677	ng	100
51) 2,6-Dinitrotoluene	14.192	165	151339	46.855	ng	97
52) Acenaphthene	14.645	154	571764	48.376	ng	99
53) 3-Nitroaniline	14.533	138	87214	26.247	ng	99
54) 2,4-Dinitrophenol	14.733	184	191249	83.109	ng	99
55) Dibenzofuran	14.980	168	901447	46.910	ng	100
56) 4-Nitrophenol	14.833	139	257424	87.037	ng	98
57) 2,4-Dinitrotoluene	14.974	165	201286	41.693	ng	99
58) Fluorene	15.627	166	718934	46.239	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.198	232	195499	48.613	ng	99
60) Diethylphthalate	15.398	149	709276	44.672	ng	99
61) 4-Chlorophenyl-phenyle...	15.616	204	369861	47.086	ng	99
62) 4-Nitroaniline	15.698	138	116175	37.355	ng	97
63) Azobenzene	15.910	77	811075	46.356	ng	100
65) 4,6-Dinitro-2-methylph...	15.721	198	116511	46.337	ng	99
66) n-Nitrosodiphenylamine	15.845	169	593894	53.584	ng	99
67) 4-Bromophenyl-phenylether	16.515	248	210612	53.584	ng	97
68) Hexachlorobenzene	16.592	284	240212	55.243	ng	99
69) Atrazine	16.798	200	205998	64.323	ng	99
70) Pentachlorophenol	16.957	266	318470	99.622	ng	98
71) Phenanthrene	17.374	178	1036693	50.467	ng	99
72) Anthracene	17.462	178	1037252	50.979	ng	99
73) Carbazole	17.751	167	887656	53.627	ng	99
74) Di-n-butylphthalate	18.274	149	1127924	48.525	ng	99
75) Fluoranthene	19.386	202	1108650	45.945	ng	99
77) Benzidine	19.598	184	230993	78.001	ng	99
78) Pyrene	19.751	202	1165110	54.960	ng	100
80) Butylbenzylphthalate	20.633	149	465734	51.437	ng	98
81) Benzo(a)anthracene	21.492	228	981429	49.963	ng	100
82) 3,3'-Dichlorobenzidine	21.439	252	249943	40.037	ng	100
83) Chrysene	21.545	228	936791	46.949	ng	100
84) Bis(2-ethylhexyl)phtha...	21.380	149	661734	48.358	ng	99
85) Di-n-octyl phthalate	22.309	149	1083565	46.004	ng	100
87) Indeno(1,2,3-cd)pyrene	26.462	276	952971	54.196	ng	99
88) Benzo(b)fluoranthene	23.180	252	894646	54.355	ng	100
89) Benzo(k)fluoranthene	23.233	252	924659	50.415	ng	99
90) Benzo(a)pyrene	23.821	252	776161	47.897	ng	100
91) Dibenzo(a,h)anthracene	26.480	278	768238	47.384	ng	98
92) Benzo(g,h,i)perylene	27.256	276	831267	53.639	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

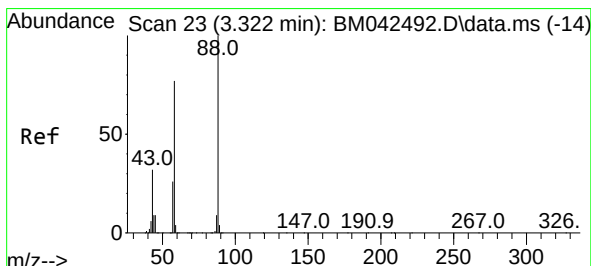
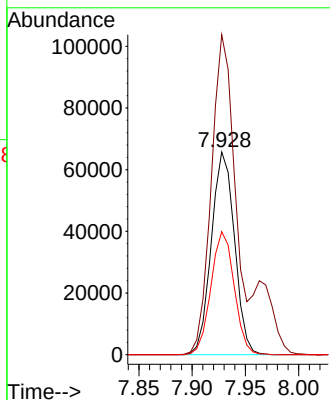
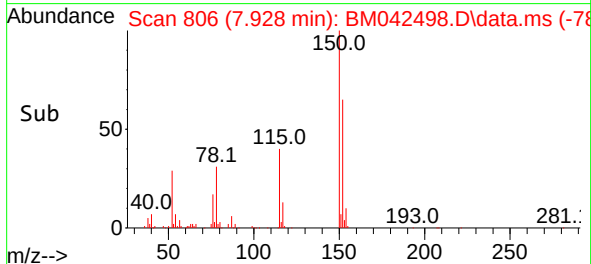
Instrument :
BNA_M
ClientSampleId :
PB156526BS



Tgt Ion:152 Resp: 9939
Ion Ratio Lower Upper
152 100
150 157.8 127.4 191.0
115 60.7 47.9 71.9

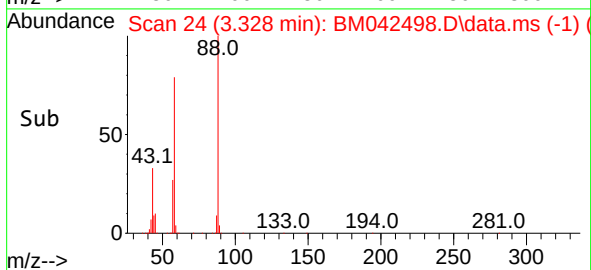
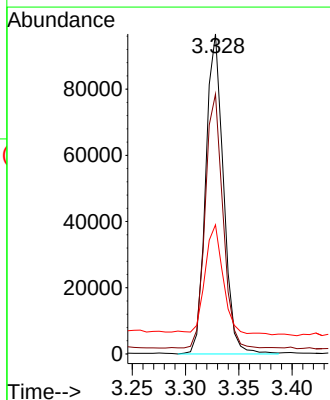
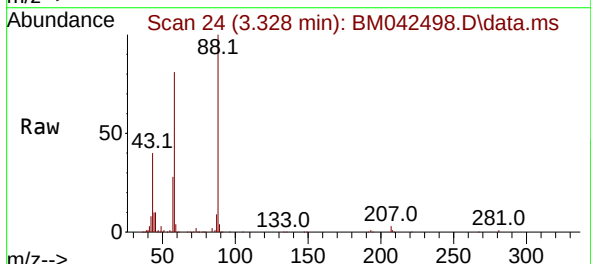
Manual Integrations
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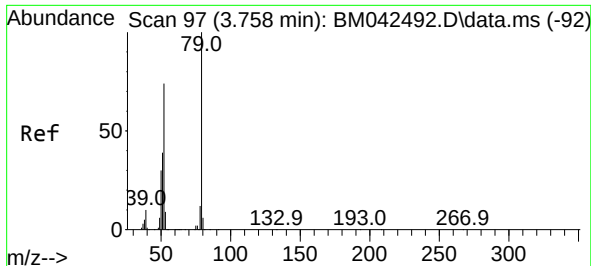
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#2
1,4-Dioxane
Concen: 38.214 ng
RT: 3.328 min Scan# 24
Delta R.T. 0.006 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

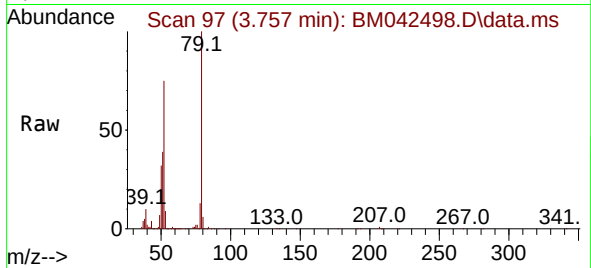
Tgt Ion: 88 Resp: 112160
Ion Ratio Lower Upper
88 100
58 79.5 62.6 93.8
43 37.0 26.5 39.7





#3
Pyridine
Concen: 35.121 ng
RT: 3.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

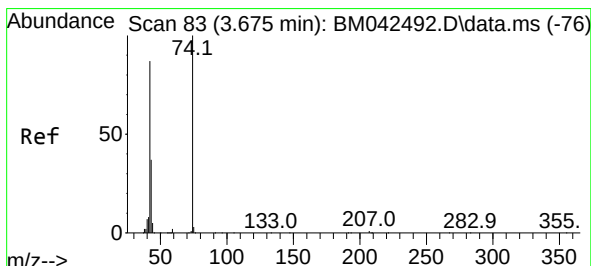
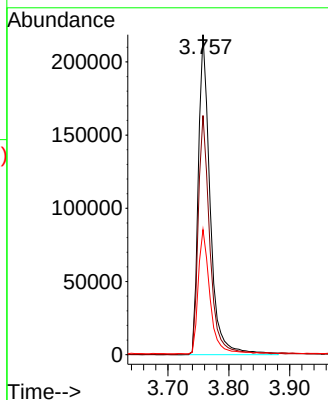
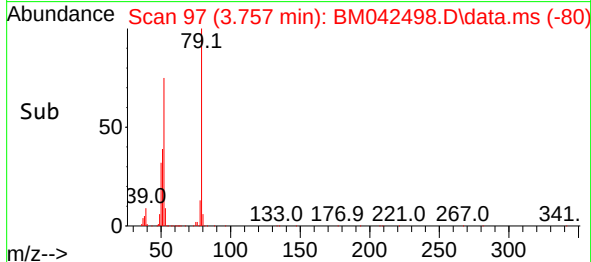
Instrument :
BNA_M
ClientSampleId :
PB156526BS



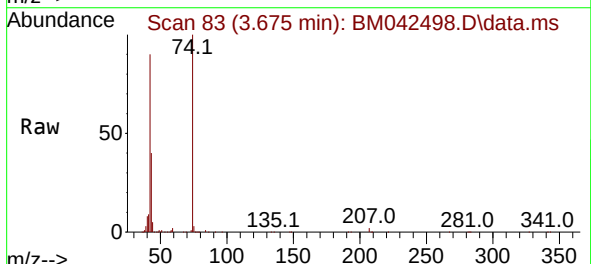
Tgt Ion: 79 Resp: 295709
Ion Ratio Lower Upper
79 100
52 74.7 59.3 88.9
51 39.1 32.7 49.1

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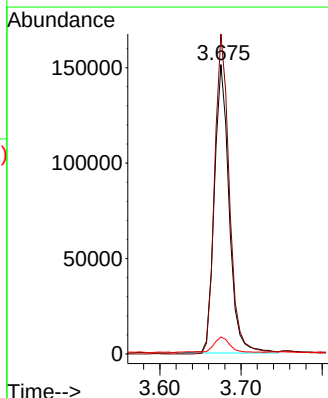
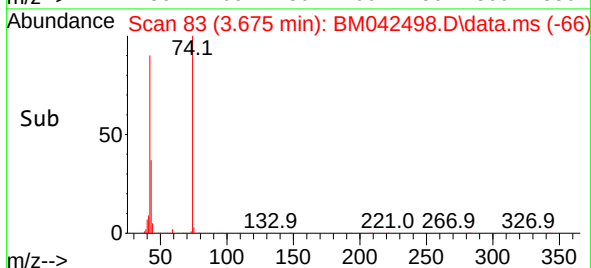
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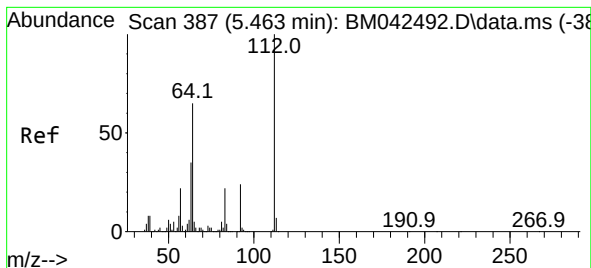


#4
n-Nitrosodimethylamine
Concen: 47.304 ng
RT: 3.675 min Scan# 83
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36



Tgt Ion: 42 Resp: 191671
Ion Ratio Lower Upper
42 100
74 110.5 92.2 138.2
44 5.9 5.1 7.7





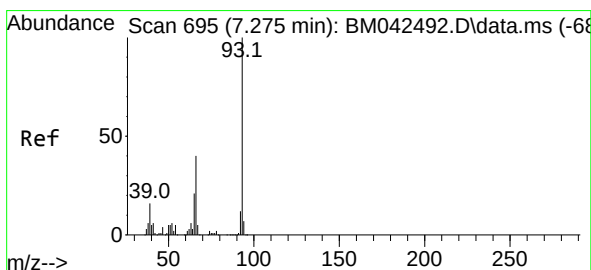
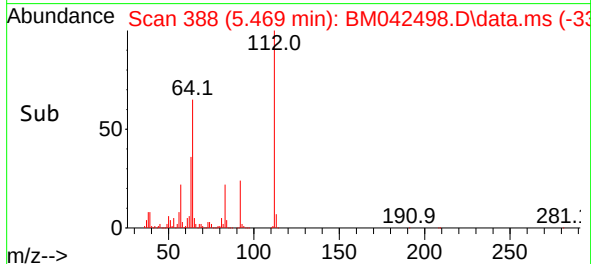
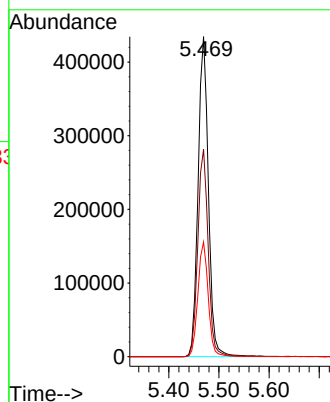
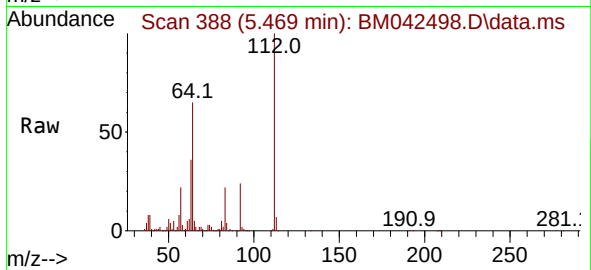
#5
2-Fluorophenol
Concen: 100.805 ng
RT: 5.469 min Scan# 387
Delta R.T. 0.006 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Instrument :
BNA_M
ClientSampleId :
PB156526BS

Tgt Ion: 112 Resp: 620835
Ion Ratio Lower Upper
112 100
64 64.8 52.1 78.1
63 35.9 28.3 42.5

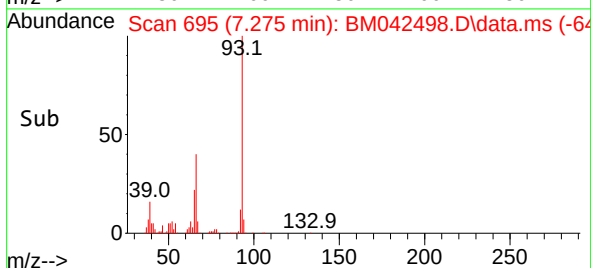
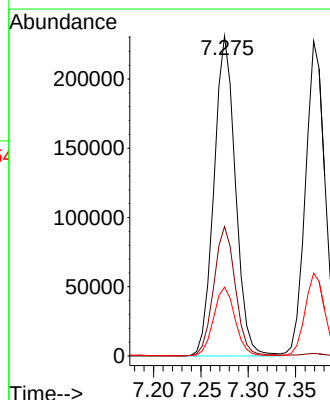
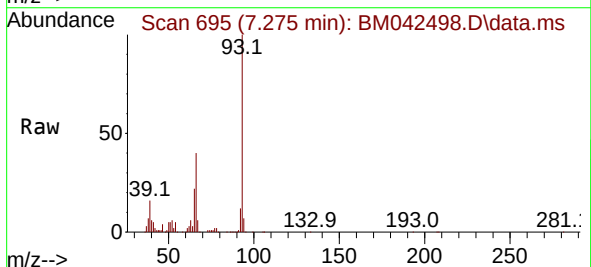
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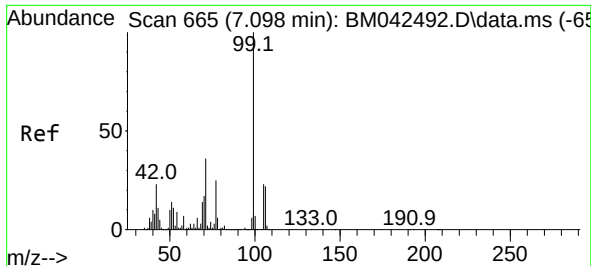
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#6
Aniline
Concen: 33.888 ng
RT: 7.275 min Scan# 695
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

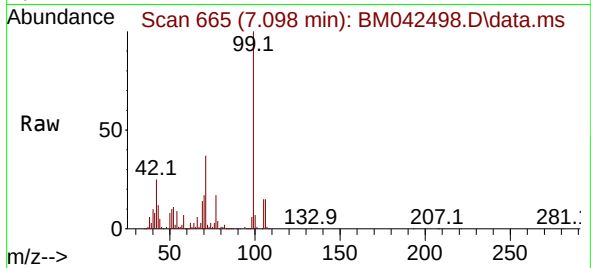
Tgt Ion: 93 Resp: 363842
Ion Ratio Lower Upper
93 100
66 40.5 32.2 48.2
65 21.5 17.0 25.6





#7
Phenol-d6
Concen: 93.102 ng
RT: 7.098 min Scan# 665
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

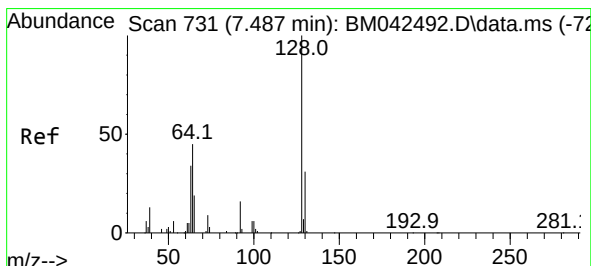
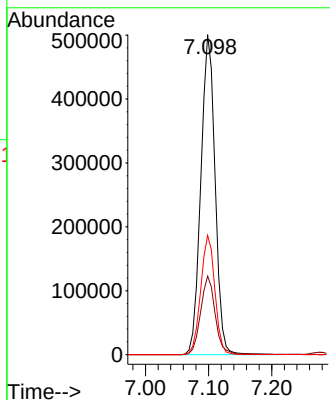
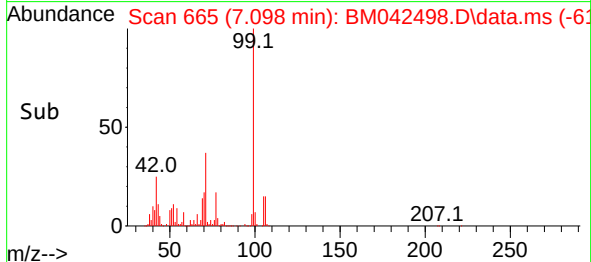
Instrument :
BNA_M
ClientSampleId :
PB156526BS



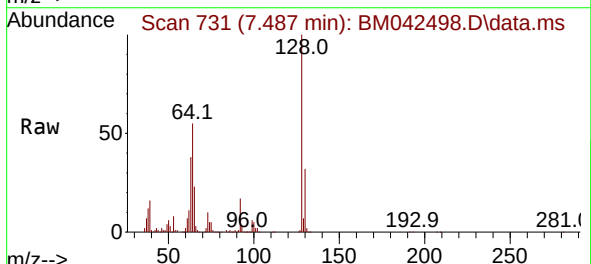
Tgt Ion: 99 Resp: 786388
Ion Ratio Lower Upper
99 100
42 24.6 18.7 28.1
71 37.3 29.1 43.7

Manual Integrations
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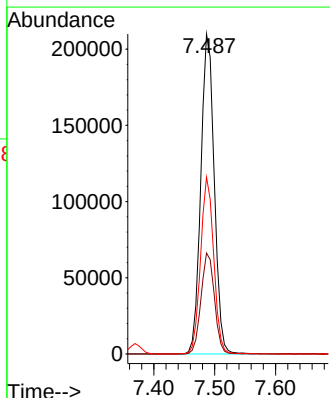
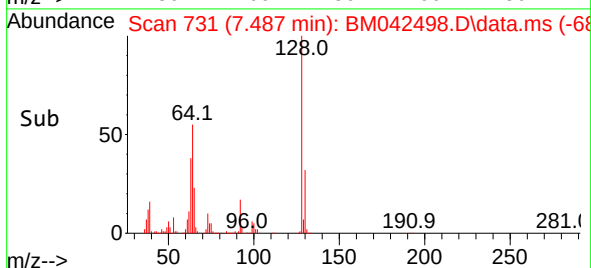
Reviewed By :Yogesh Patel 10/31/2023
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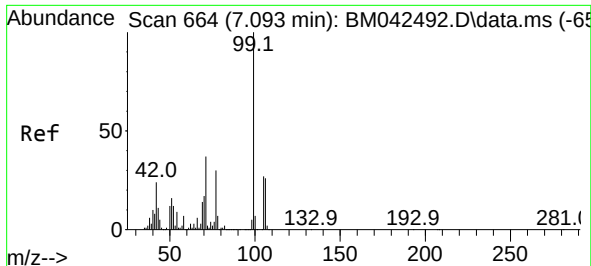


#8
2-Chlorophenol
Concen: 48.491 ng
RT: 7.487 min Scan# 731
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36



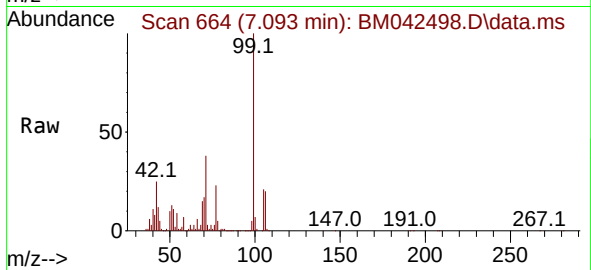
Tgt Ion:128 Resp: 322020
Ion Ratio Lower Upper
128 100
130 31.6 11.2 51.2
64 55.2 34.4 74.4





#9
Benzaldehyde
Concen: 31.034 ng
RT: 7.093 min Scan# 664
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

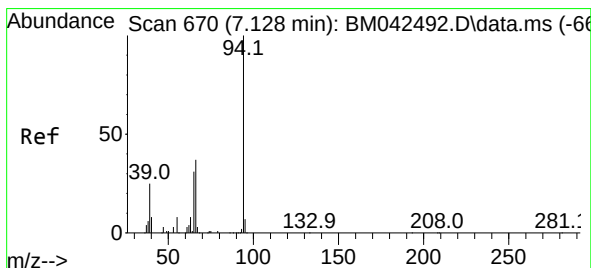
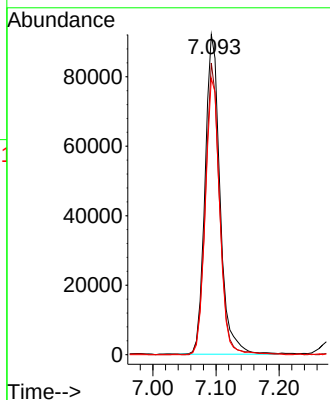
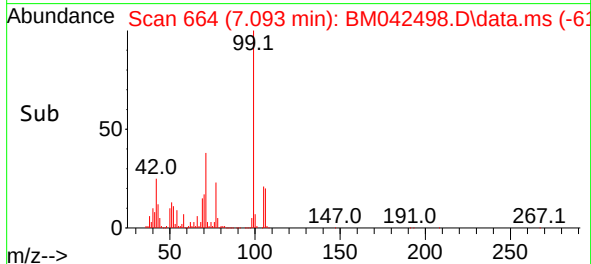
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion: 77 Resp: 15107
Ion Ratio Lower Upper
77 100
105 91.2 69.7 109.7
106 86.4 66.4 106.4

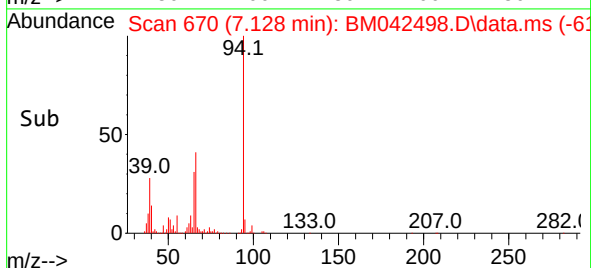
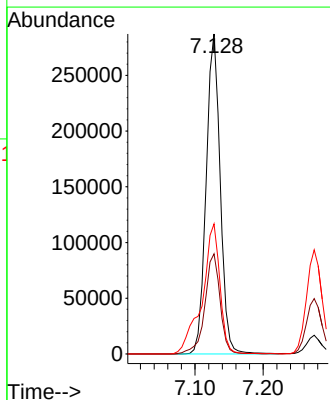
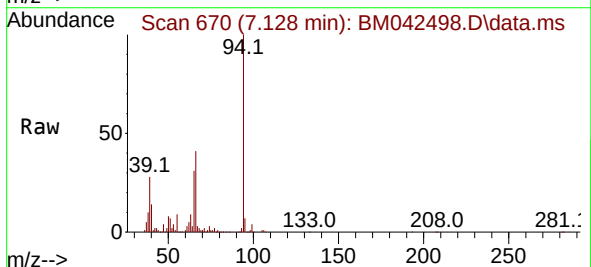
Manual Integrations
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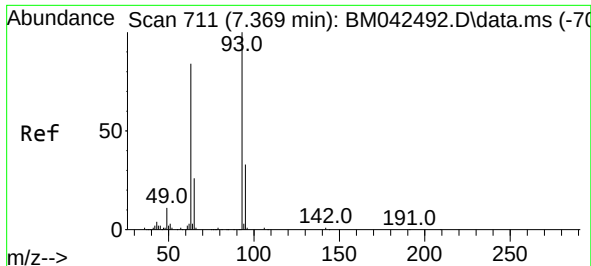
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#10
Phenol
Concen: 48.093 ng
RT: 7.128 min Scan# 670
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

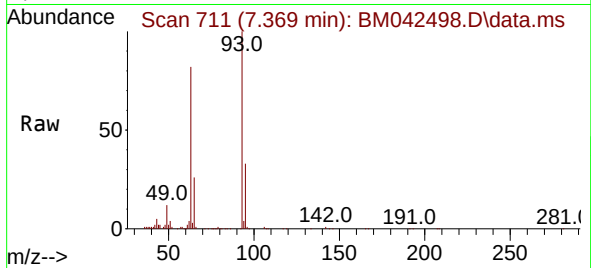
Tgt Ion: 94 Resp: 412557
Ion Ratio Lower Upper
94 100
65 31.3 11.5 51.5
66 40.7 20.0 60.0





#11
bis(2-Chloroethyl)ether
Concen: 45.126 ng
RT: 7.369 min Scan# 711
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

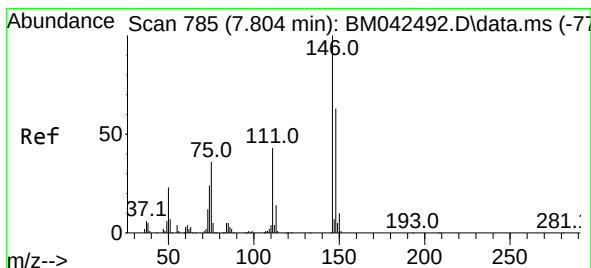
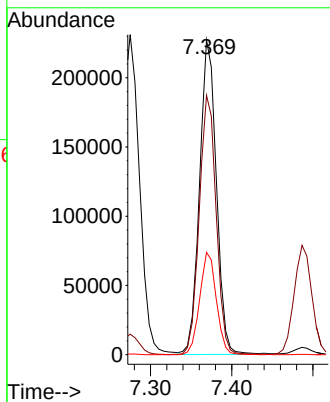
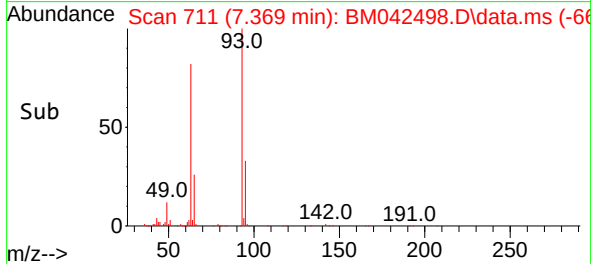
Instrument :
BNA_M
ClientSampleId :
PB156526BS



Tgt Ion: 93 Resp: 327480
Ion Ratio Lower Upper
93 100
63 82.4 63.2 103.2
95 32.5 12.3 52.3

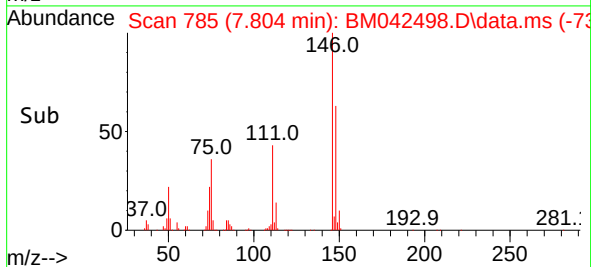
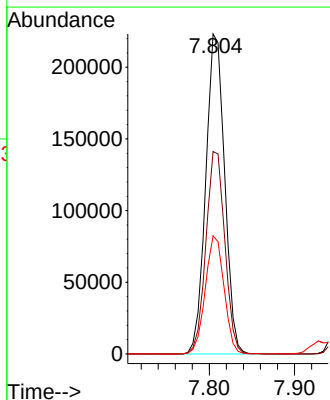
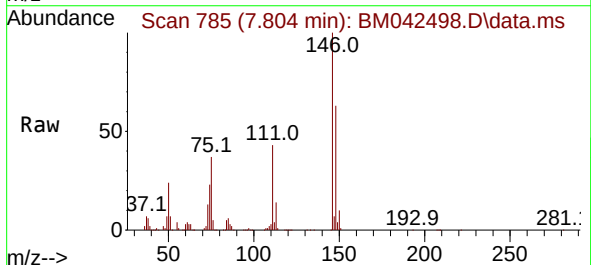
Manual Integrations
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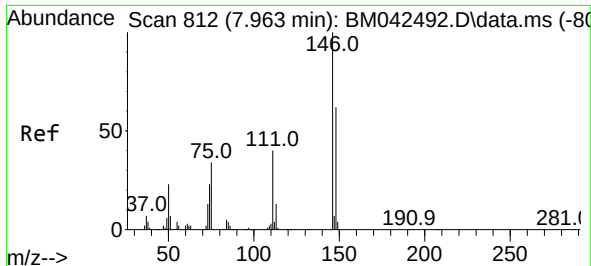
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#12
1,3-Dichlorobenzene
Concen: 47.914 ng
RT: 7.804 min Scan# 785
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Tgt Ion:146 Resp: 343884
Ion Ratio Lower Upper
146 100
148 63.3 50.4 75.6
75 36.9 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 48.069 ng

RT: 7.963 min Scan# 812

Delta R.T. -0.000 min

Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

Instrument :

BNA_M

ClientSampleId :

PB156526BS

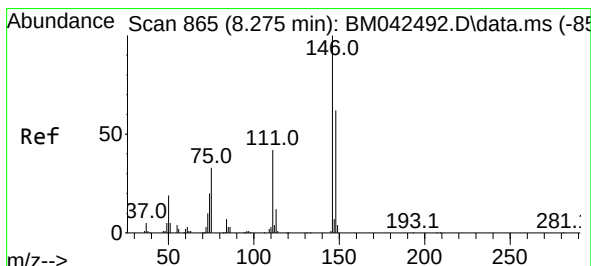
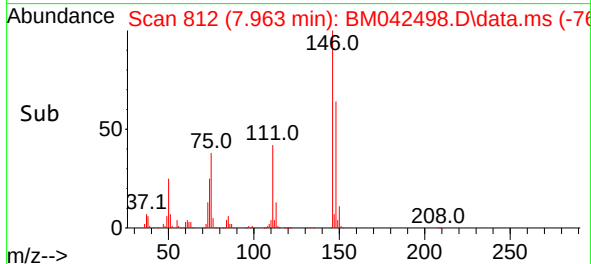
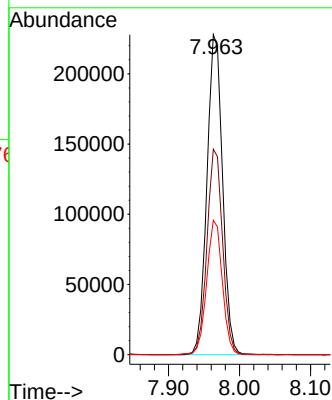
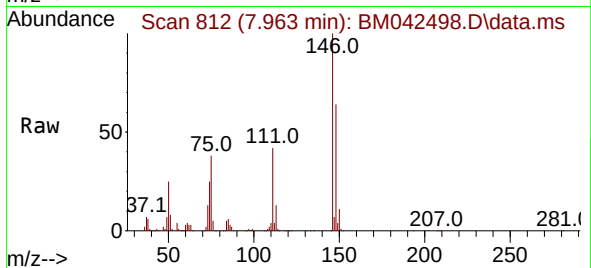
Tgt Ion:146 Resp: 349150
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.0 75.0
 111 42.0 32.5 48.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#14

1,2-Dichlorobenzene

Concen: 47.436 ng

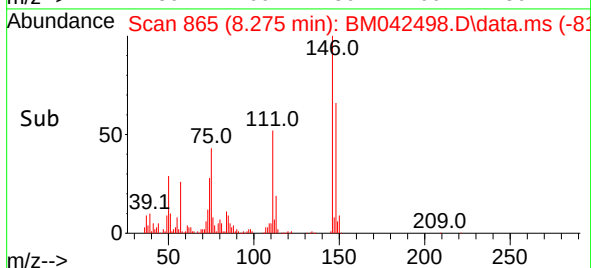
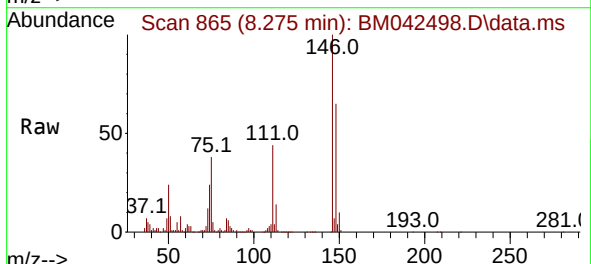
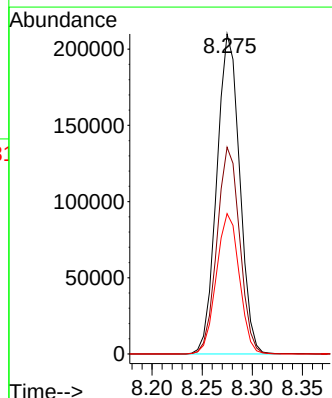
RT: 8.275 min Scan# 865

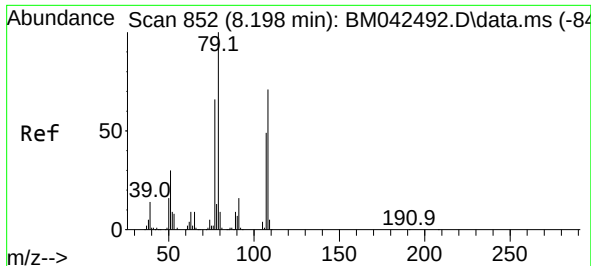
Delta R.T. -0.000 min

Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

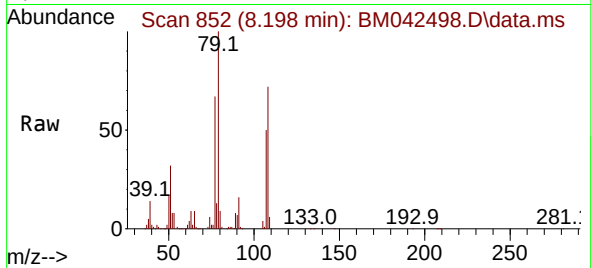
Tgt Ion:146 Resp: 332662
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.0 75.0
 111 43.8 34.5 51.7





#15
Benzyl Alcohol
Concen: 48.364 ng
RT: 8.198 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

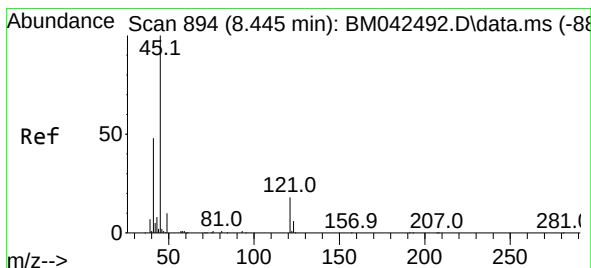
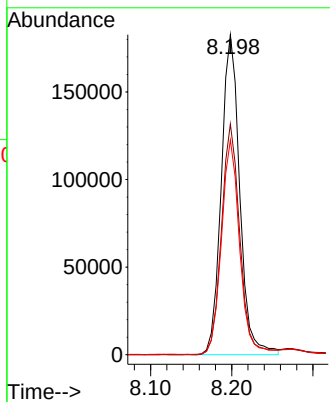
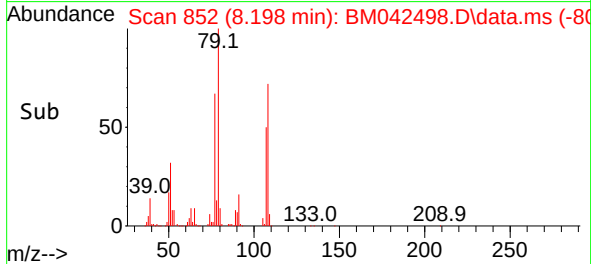
Instrument :
BNA_M
ClientSampleId :
PB156526BS



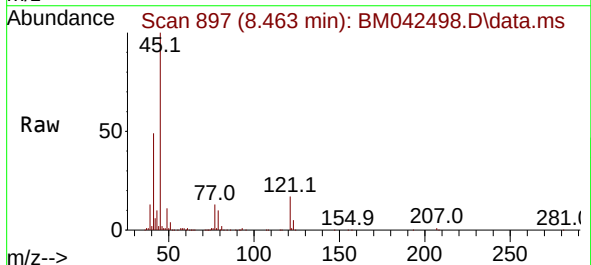
Tgt Ion: 79 Resp: 28920
Ion Ratio Lower Upper
79 100
108 72.1 56.8 85.2
77 67.1 53.0 79.4

Manual Integrations
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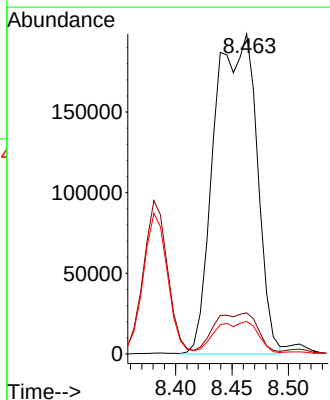
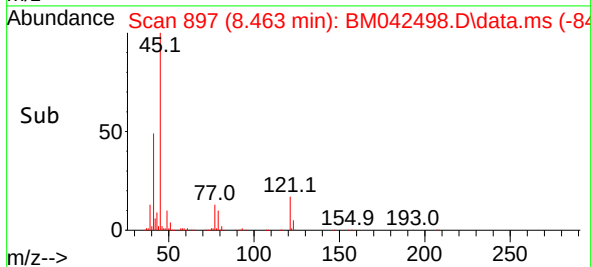
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

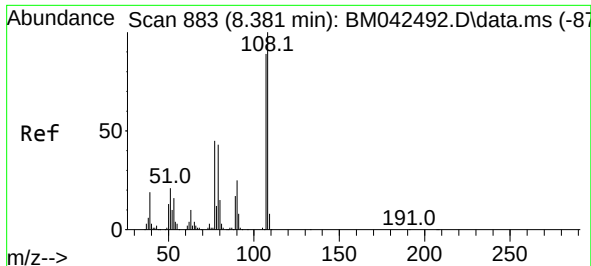


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.145 ng m
RT: 8.463 min Scan# 897
Delta R.T. 0.018 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36



Tgt Ion: 45 Resp: 521371
Ion Ratio Lower Upper
45 100
77 12.8 0.0 33.0
79 10.1 0.0 29.5





#17

2-Methylphenol

Concen: 43.634 ng

RT: 8.381 min Scan# 883

Delta R.T. -0.000 min

Lab File: BM042498.D

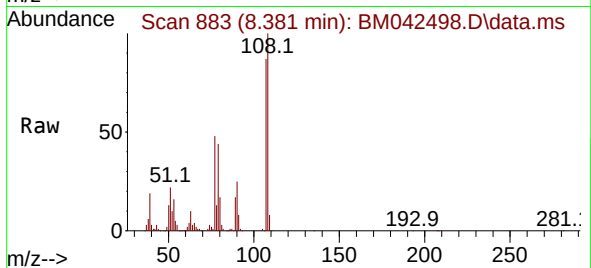
Acq: 30 Oct 2023 17:36

Instrument :

BNA_M

ClientSampleId :

PB156526BS



Tgt Ion:107 Resp: 26503

Ion Ratio Lower Upper

107 100

108 114.4 90.4 135.6

77 55.0 40.6 60.8

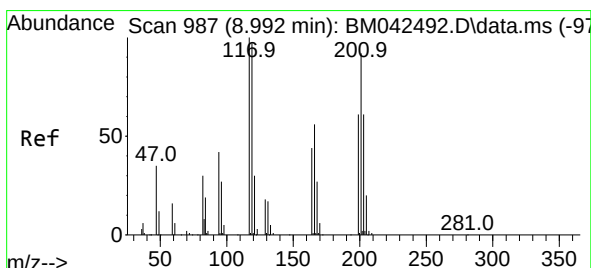
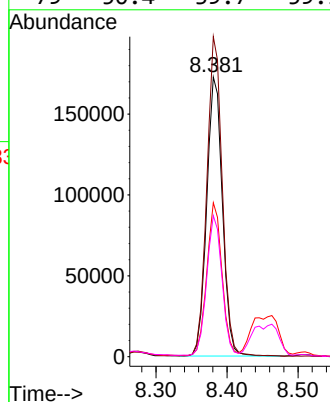
79 50.4 39.7 59.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#18

Hexachloroethane

Concen: 49.199 ng

RT: 8.992 min Scan# 987

Delta R.T. -0.000 min

Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

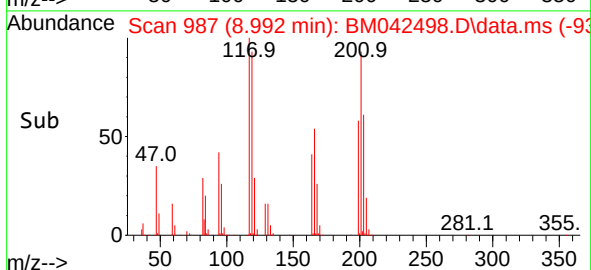
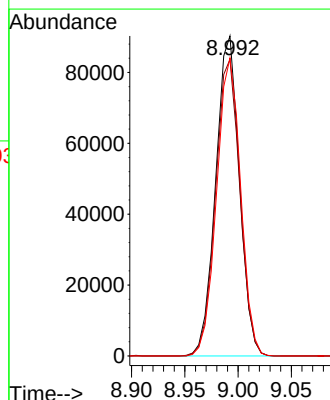
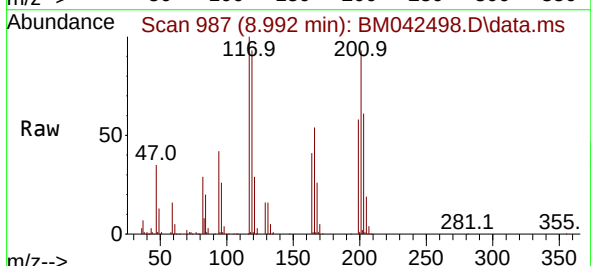
Tgt Ion:117 Resp: 139829

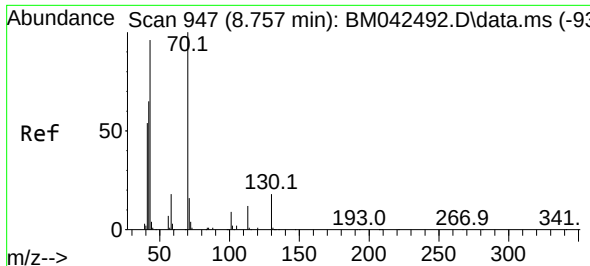
Ion Ratio Lower Upper

117 100

119 92.7 77.9 116.9

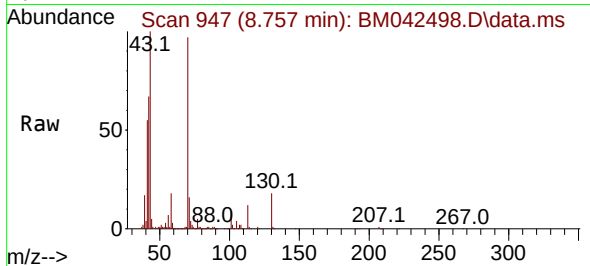
201 93.1 73.7 110.5





#19
n-Nitroso-di-n-propylamine
Concen: 43.850 ng
RT: 8.757 min Scan# 947
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

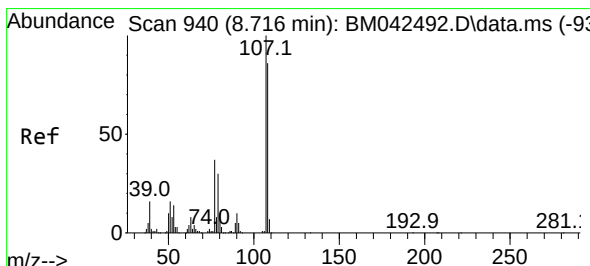
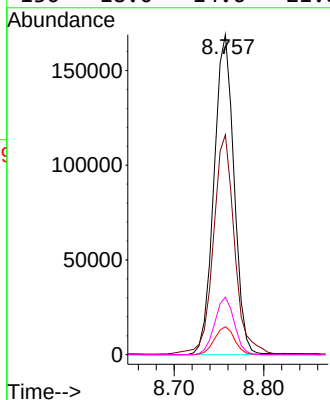
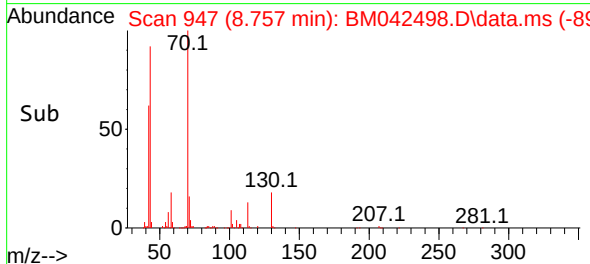
Instrument :
BNA_M
ClientSampleId :
PB156526BS



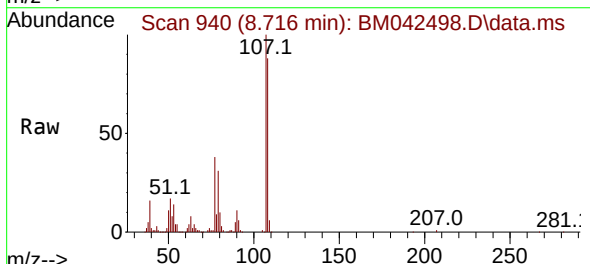
Tgt Ion: 70 Resp: 26201
Ion Ratio Lower Upper
70 100
42 68.7 52.5 78.7
101 8.7 7.0 10.4
130 18.0 14.6 21.8

Manual Integrations
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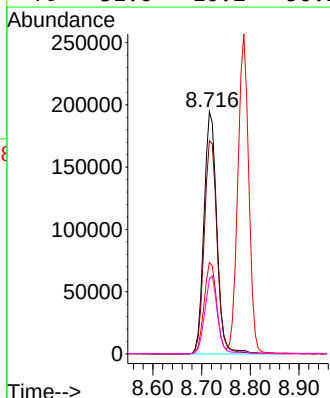
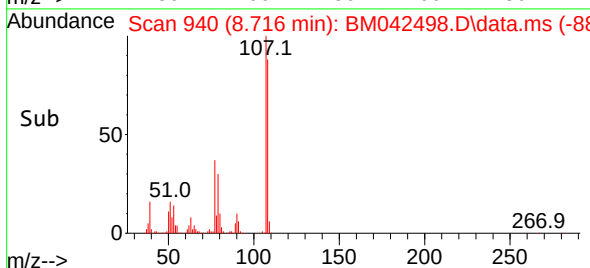
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

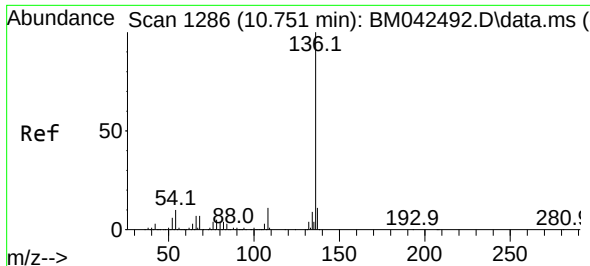


#20
3+4-Methylphenols
Concen: 43.911 ng
RT: 8.716 min Scan# 940
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36



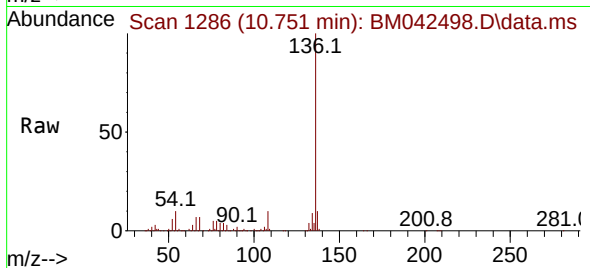
Tgt Ion:107 Resp: 356589
Ion Ratio Lower Upper
107 100
108 88.0 66.4 106.4
77 37.7 17.6 57.6
79 31.0 10.2 50.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.751 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

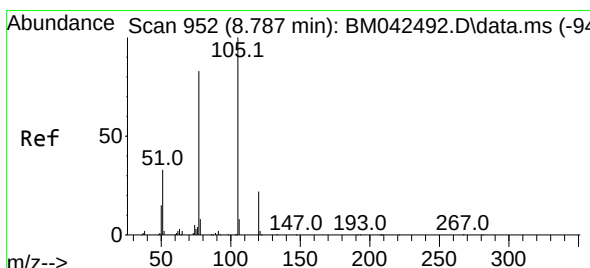
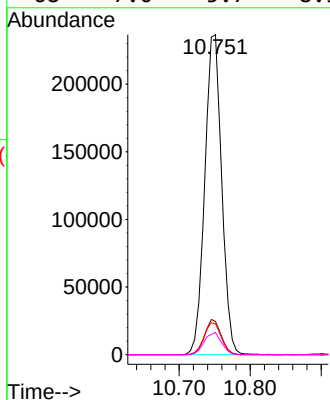
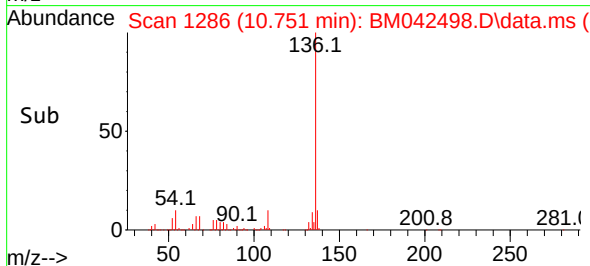
Instrument :
BNA_M
ClientSampleId :
PB156526BS



Tgt Ion:136 Resp: 391894
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.6
54 9.7 8.0 12.0
68 7.0 5.7 8.5

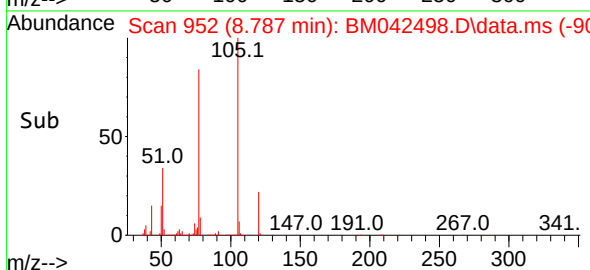
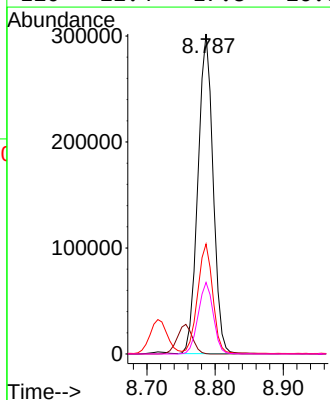
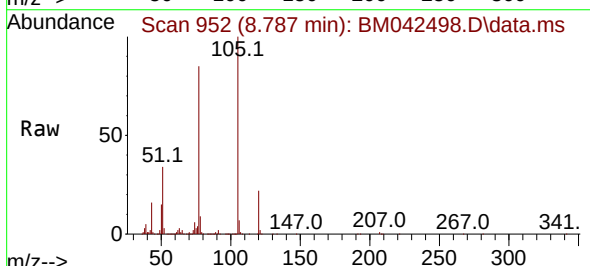
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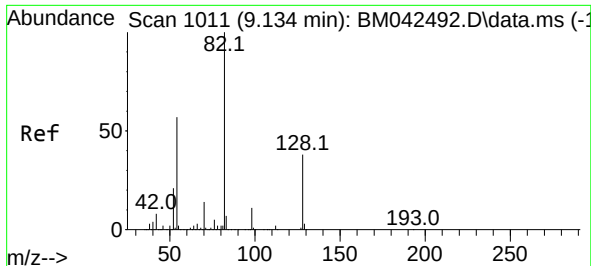
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#22
Acetophenone
Concen: 46.972 ng
RT: 8.787 min Scan# 952
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Tgt Ion:105 Resp: 464264
Ion Ratio Lower Upper
105 100
71 0.1 0.2 0.2#
51 34.4 27.6 41.4
120 22.4 17.8 26.6





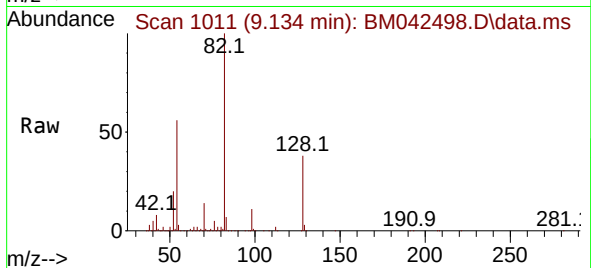
#23
Nitrobenzene-d5
Concen: 93.271 ng
RT: 9.134 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Instrument :

BNA_M

ClientSampleId :

PB156526BS



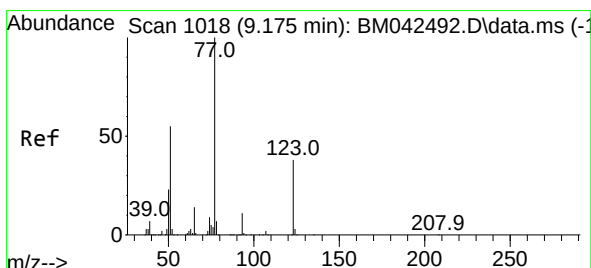
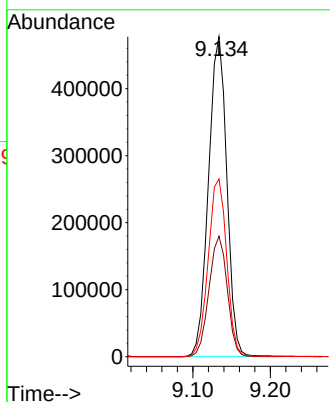
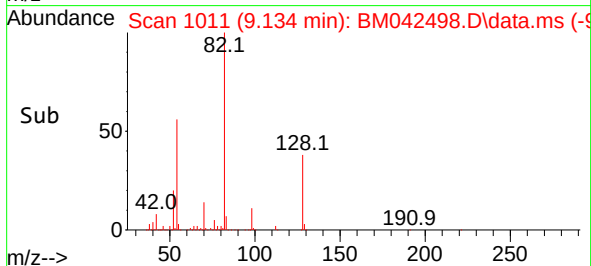
Tgt Ion: 82 Resp: 78411
Ion Ratio Lower Upper
82 100
128 37.7 30.7 46.1
54 55.6 45.3 67.9

Manual Integrations

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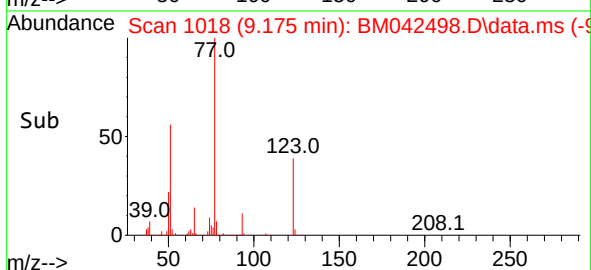
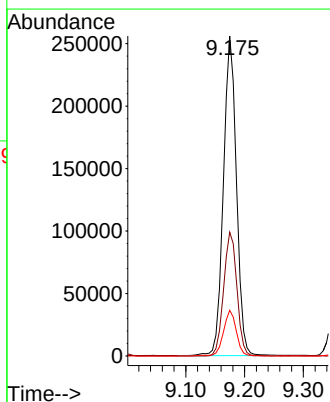
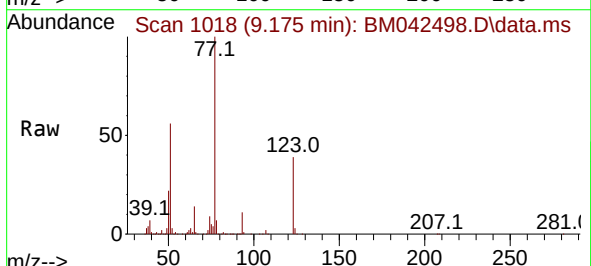
Reviewed By :Yogesh Patel 10/31/2023

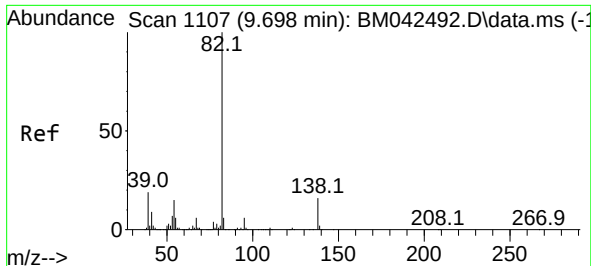
Supervised By :mohammad ahmed 10/31/2023



#24
Nitrobenzene
Concen: 47.570 ng
RT: 9.175 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

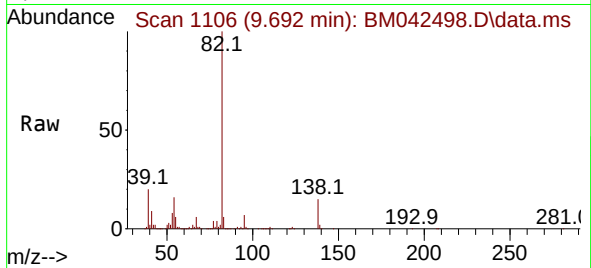
Tgt Ion: 77 Resp: 393889
Ion Ratio Lower Upper
77 100
123 38.7 30.6 46.0
65 14.2 10.8 16.2





#25
Isophorone
Concen: 45.378 ng
RT: 9.692 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

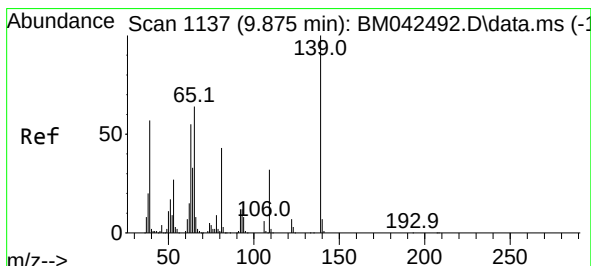
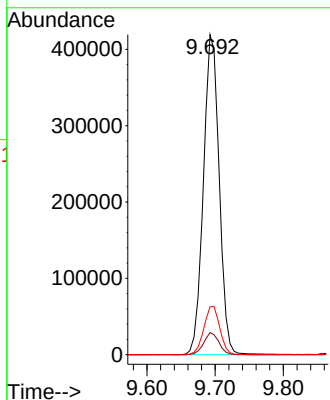
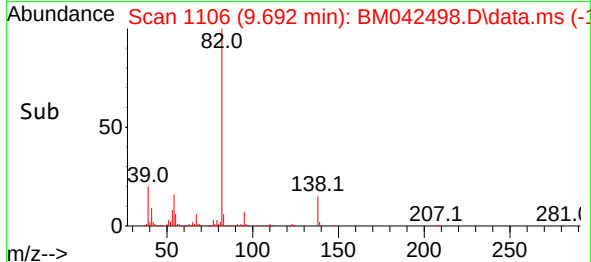
Instrument :
BNA_M
ClientSampleId :
PB156526BS



Tgt Ion: 82 Resp: 675219
Ion Ratio Lower Upper
82 100
95 6.9 5.2 7.8
138 15.0 12.6 18.8

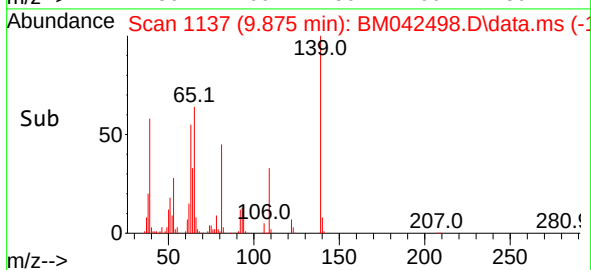
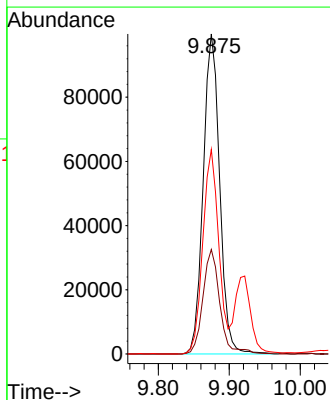
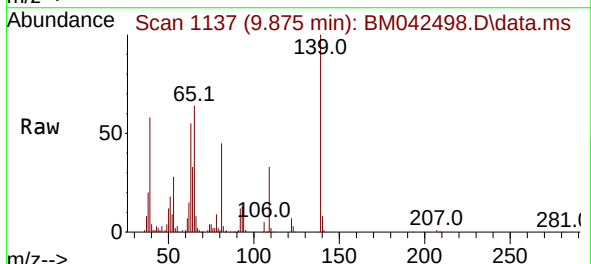
Manual Integrations
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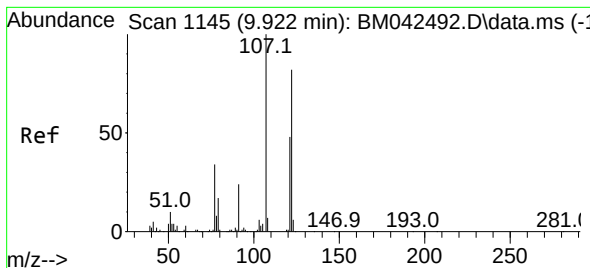
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#26
2-Nitrophenol
Concen: 45.840 ng
RT: 9.875 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

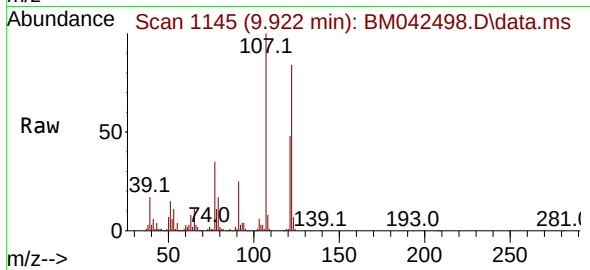
Tgt Ion:139 Resp: 160809
Ion Ratio Lower Upper
139 100
109 32.7 25.2 37.8
65 63.9 51.4 77.0





#27
2,4-Dimethylphenol
Concen: 50.234 ng
RT: 9.922 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

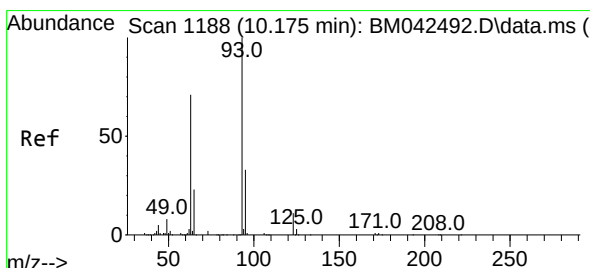
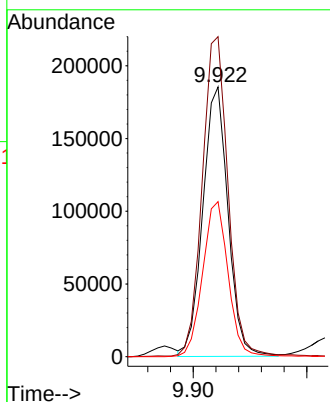
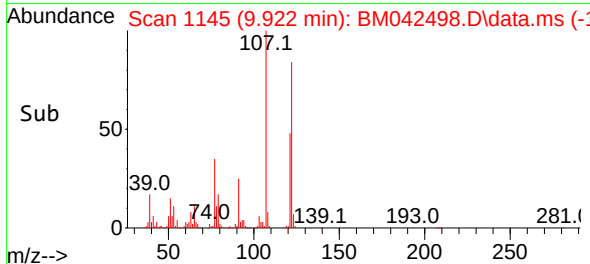
Instrument :
BNA_M
ClientSampleId :
PB156526BS



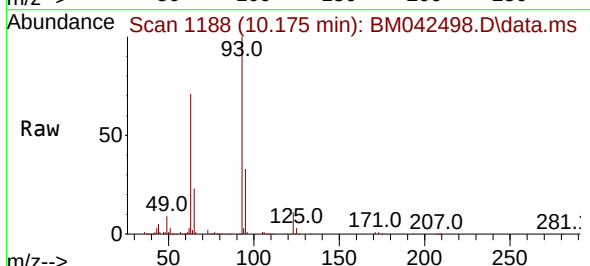
Tgt Ion:122 Resp: 285950
Ion Ratio Lower Upper
122 100
107 118.6 95.4 143.2
121 57.5 46.0 69.0

Manual Integrations
APPROVED

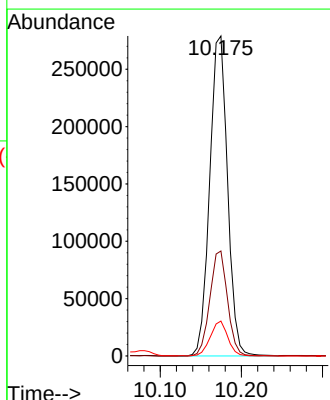
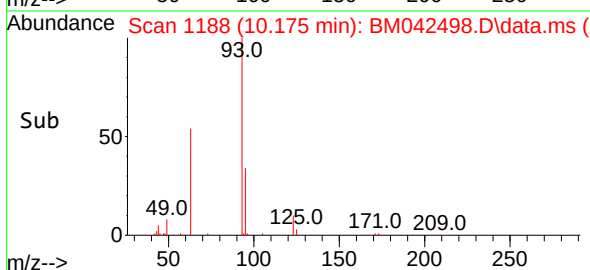
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

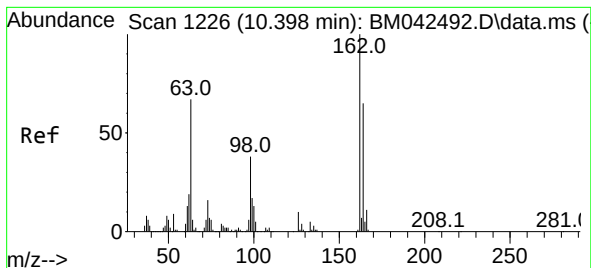


#28
bis(2-Chloroethoxy)methane
Concen: 47.462 ng
RT: 10.175 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36



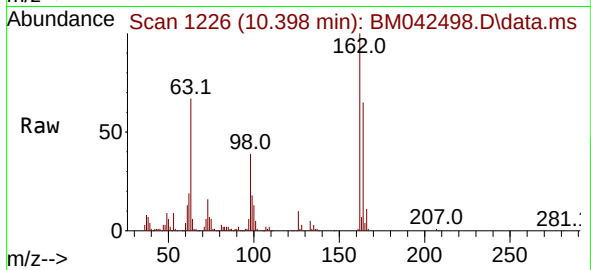
Tgt Ion: 93 Resp: 425475
Ion Ratio Lower Upper
93 100
95 32.8 26.3 39.5
123 10.9 8.5 12.7





#29
2,4-Dichlorophenol
Concen: 49.612 ng
RT: 10.398 min Scan# 1226
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

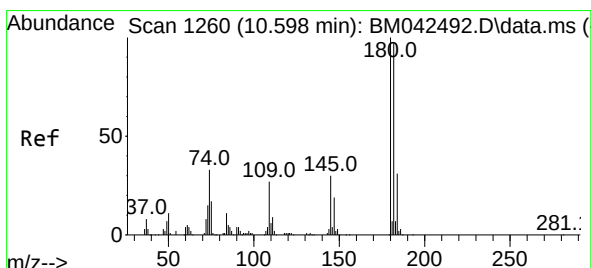
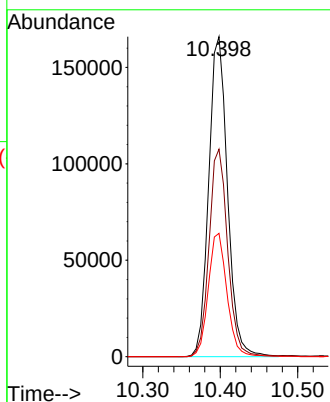
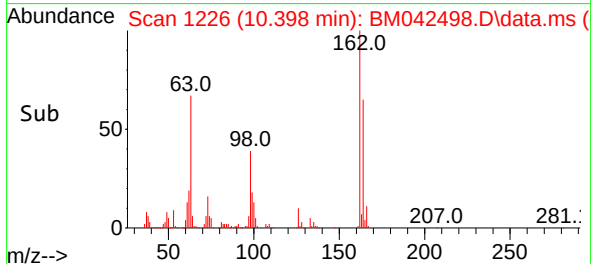
Instrument :
BNA_M
ClientSampleId :
PB156526BS



Tgt Ion:162 Resp: 27943
Ion Ratio Lower Upper
162 100
164 64.8 44.9 84.9
98 38.5 18.4 58.4

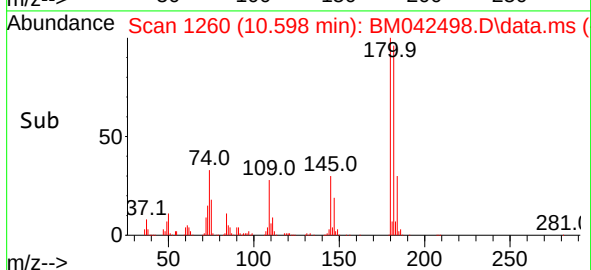
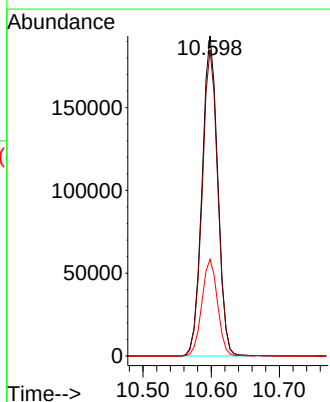
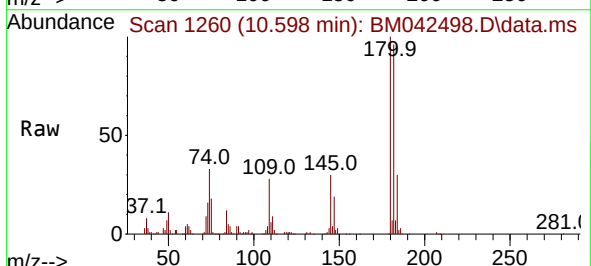
Manual Integrations
APPROVED

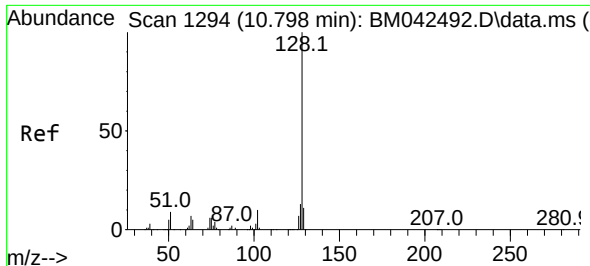
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#30
1,2,4-Trichlorobenzene
Concen: 49.953 ng
RT: 10.598 min Scan# 1260
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

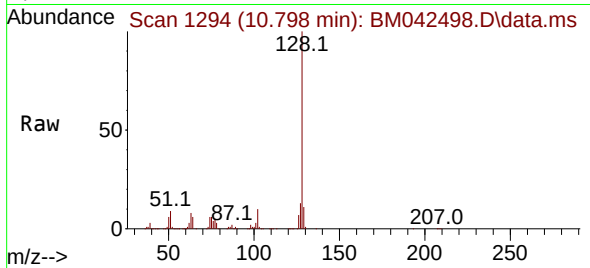
Tgt Ion:180 Resp: 308339
Ion Ratio Lower Upper
180 100
182 95.7 77.8 116.8
145 30.2 24.4 36.6





#31
Naphthalene
Concen: 47.047 ng
RT: 10.798 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

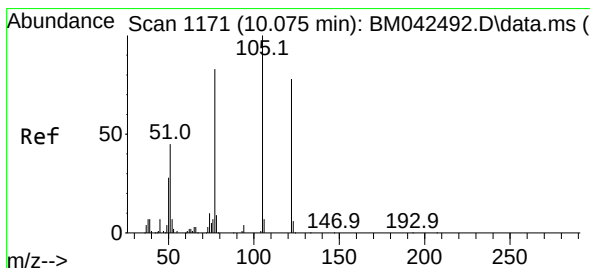
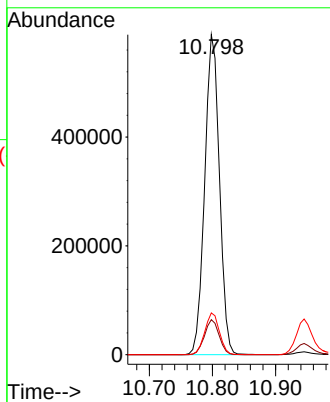
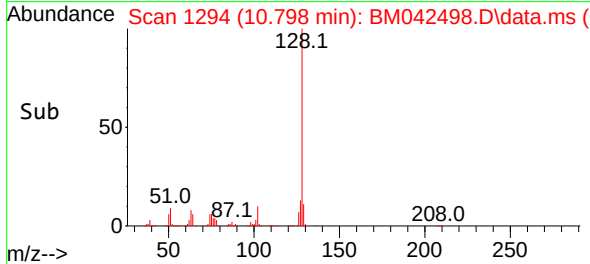
Instrument :
BNA_M
ClientSampleId :
PB156526BS



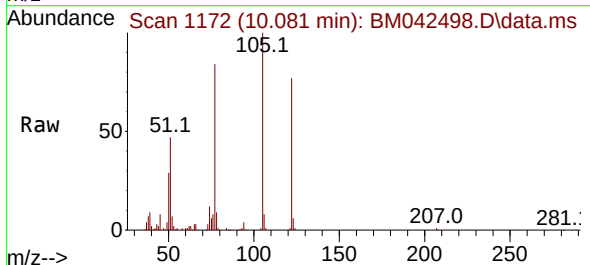
Tgt Ion:128 Resp: 952569
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.1 10.6 15.8

Manual Integrations
APPROVED

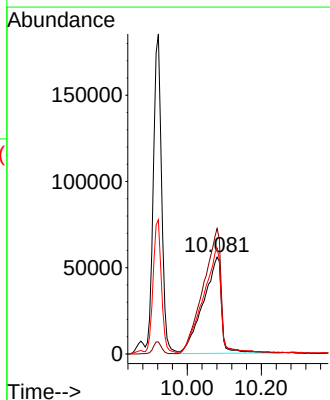
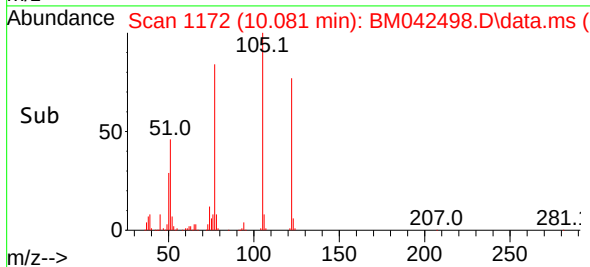
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

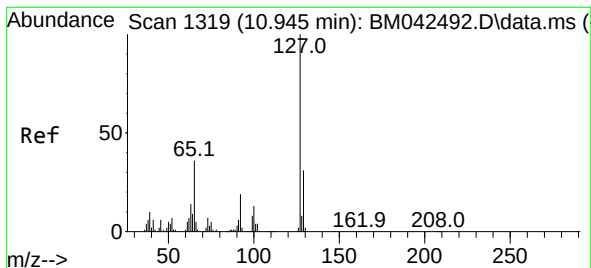


#32
Benzoic acid
Concen: 42.047 ng
RT: 10.081 min Scan# 1172
Delta R.T. 0.006 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36



Tgt Ion:122 Resp: 192091
Ion Ratio Lower Upper
122 100
105 129.4 105.2 145.2
77 109.2 84.8 124.8





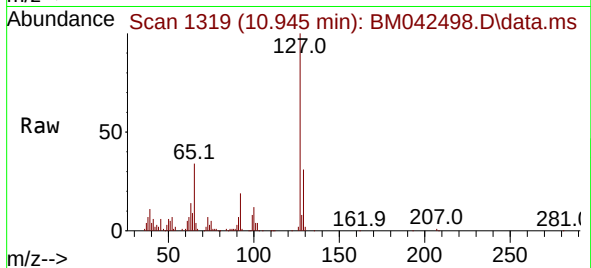
#33
4-Chloroaniline
Concen: 16.024 ng
RT: 10.945 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Instrument :

BNA_M

ClientSampleId :

PB156526BS

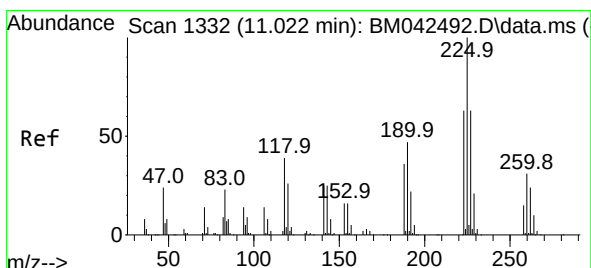
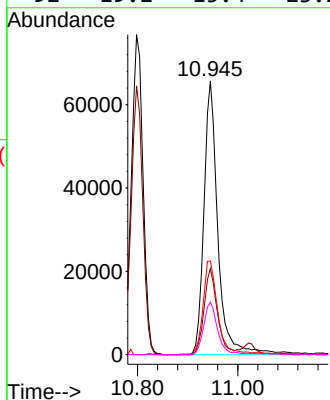
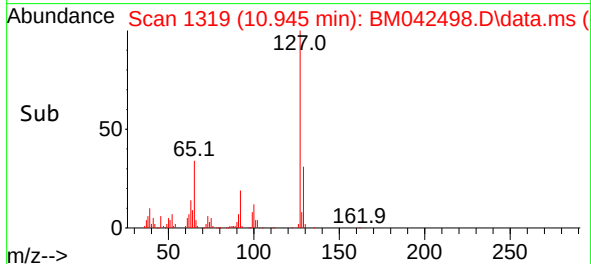


Tgt Ion:127 Resp: 126508
Ion Ratio Lower Upper
127 100
129 31.4 25.0 37.4
65 34.3 29.0 43.4
92 19.2 15.4 23.2

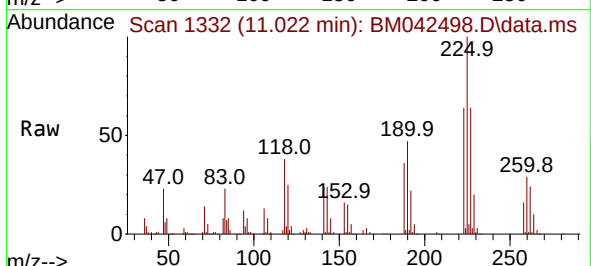
Manual Integrations

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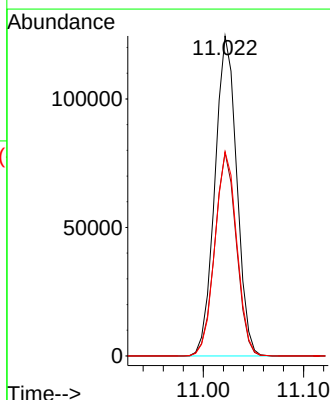
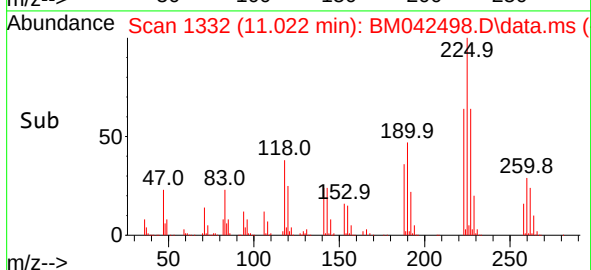
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

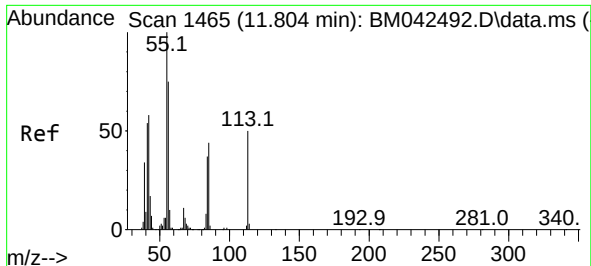


#34
Hexachlorobutadiene
Concen: 50.274 ng
RT: 11.022 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36



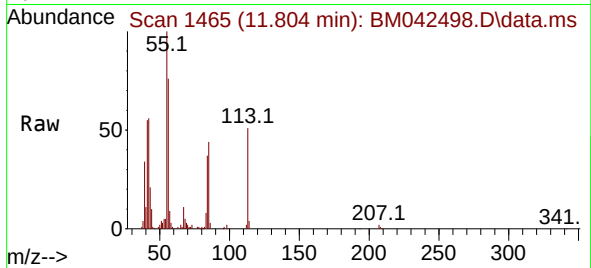
Tgt Ion:225 Resp: 188412
Ion Ratio Lower Upper
225 100
223 63.6 50.0 75.0
227 63.8 50.6 75.8





#35
Caprolactam
Concen: 40.300 ng
RT: 11.804 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

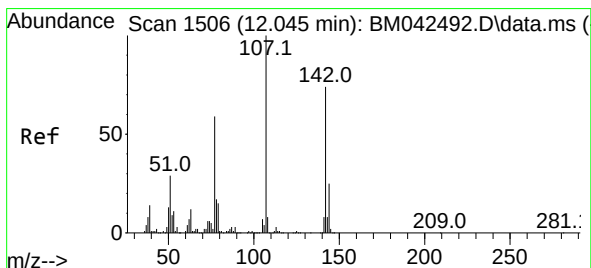
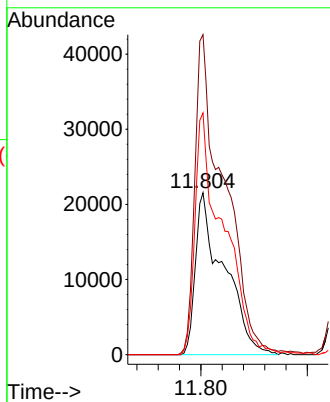
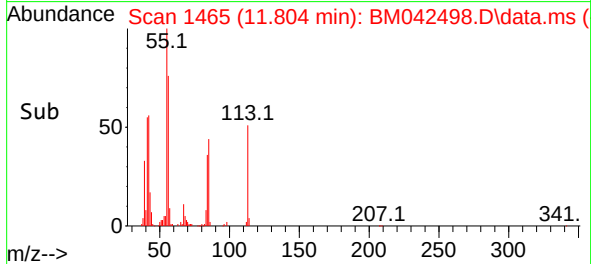
Instrument :
BNA_M
ClientSampleId :
PB156526BS



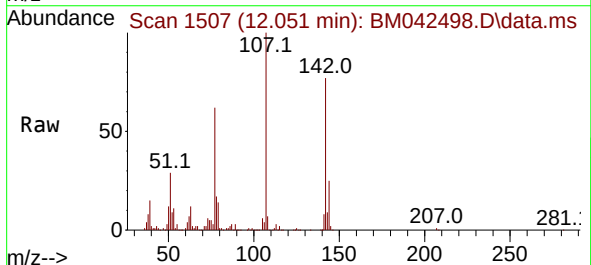
Tgt Ion:113 Resp: 7975
Ion Ratio Lower Upper
113 100
55 197.6 180.9 220.9
56 149.2 130.0 170.0

Manual Integrations
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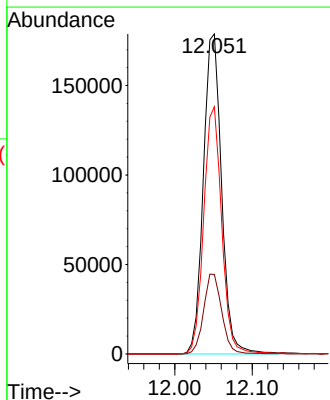
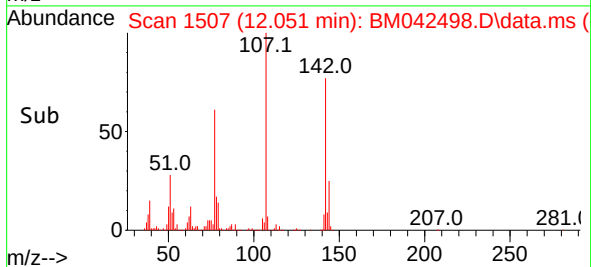
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

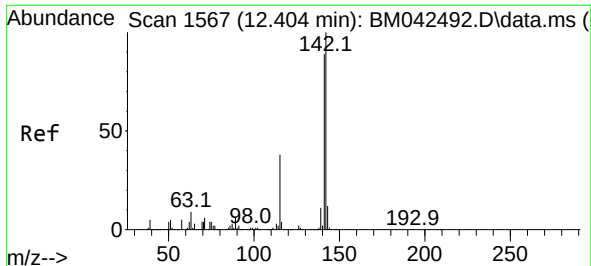


#36
4-Chloro-3-methylphenol
Concen: 45.592 ng
RT: 12.051 min Scan# 1507
Delta R.T. 0.006 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36



Tgt Ion:107 Resp: 292246
Ion Ratio Lower Upper
107 100
144 24.8 20.2 30.2
142 77.2 59.5 89.3





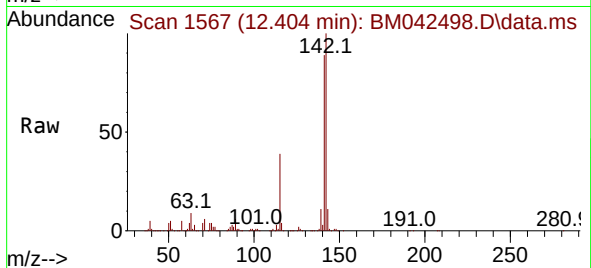
#37
2-Methylnaphthalene
Concen: 44.203 ng
RT: 12.404 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Instrument :

BNA_M

ClientSampleId :

PB156526BS



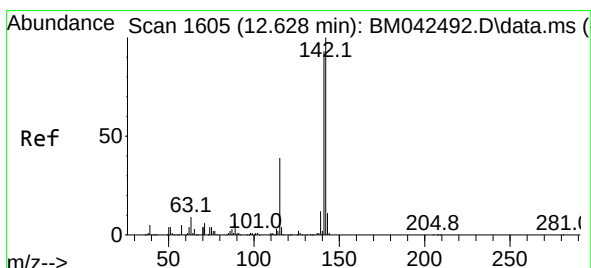
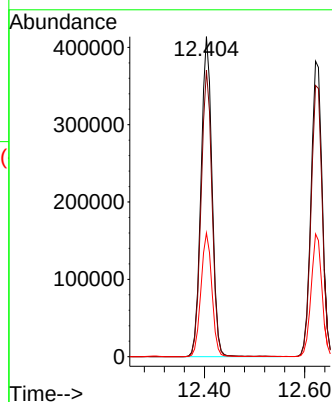
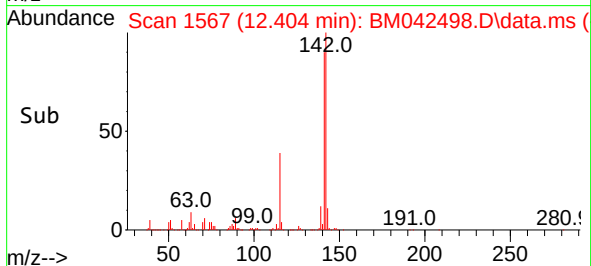
Tgt Ion:142 Resp: 630310
Ion Ratio Lower Upper
142 100
141 89.5 70.9 106.3
115 38.6 30.2 45.2

Manual Integrations

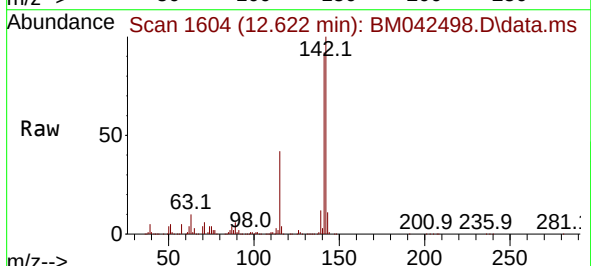
APPROVED

Reviewed By :Yogesh Patel 10/31/2023

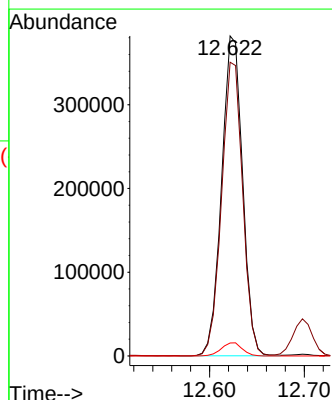
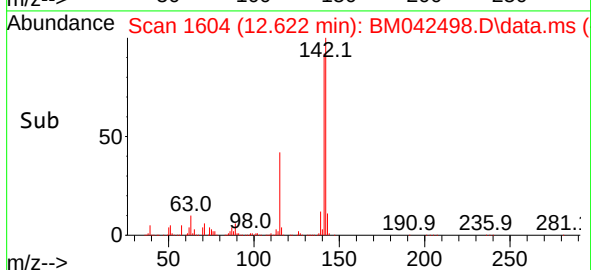
Supervised By :mohammad ahmed 10/31/2023

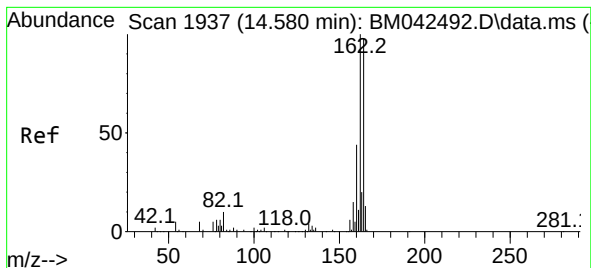


#38
1-Methylnaphthalene
Concen: 43.782 ng
RT: 12.622 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36



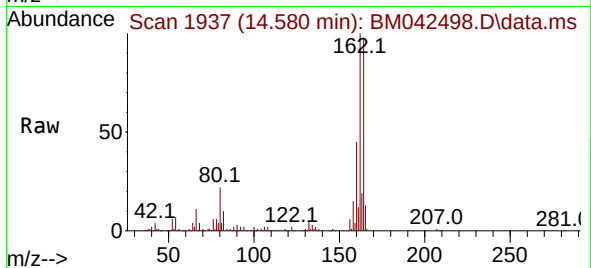
Tgt Ion:142 Resp: 587632
Ion Ratio Lower Upper
142 100
141 91.8 74.4 111.6
116 4.0 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.580 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

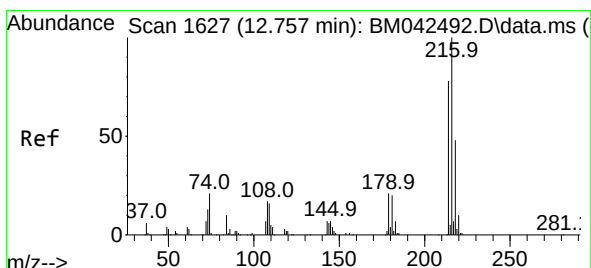
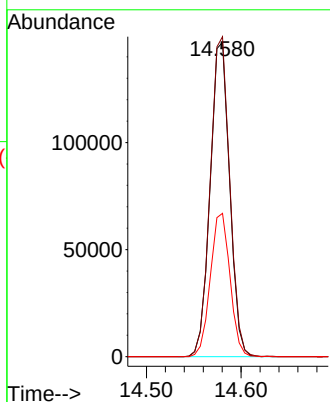
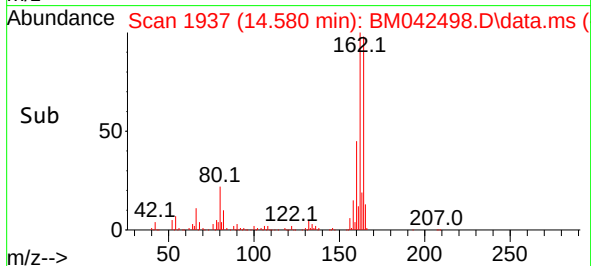
Instrument :
BNA_M
ClientSampleId :
PB156526BS



Tgt Ion:164 Resp: 20968
Ion Ratio Lower Upper
164 100
162 101.8 81.6 122.4
160 45.6 36.2 54.4

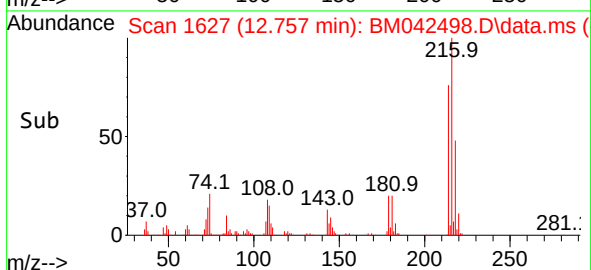
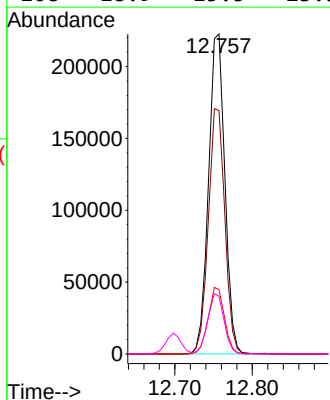
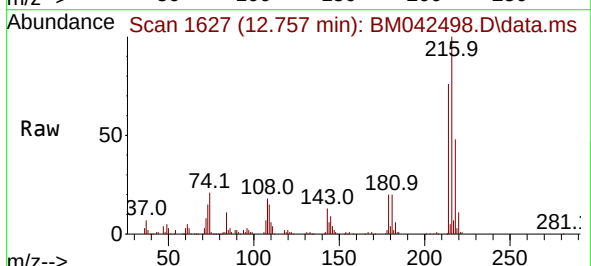
Manual Integrations
APPROVED

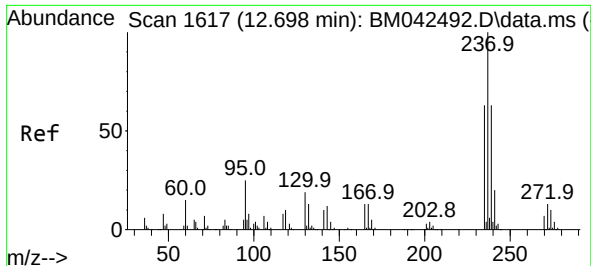
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.018 ng
RT: 12.757 min Scan# 1627
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

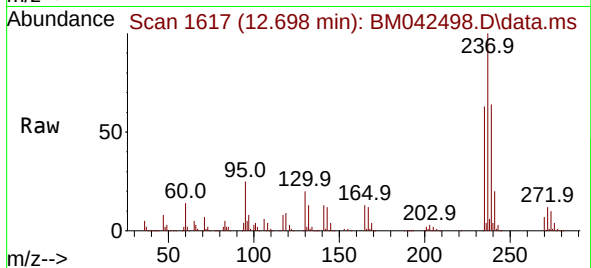
Tgt Ion:216 Resp: 325859
Ion Ratio Lower Upper
216 100
214 77.5 62.5 93.7
179 20.6 16.7 25.1
108 18.9 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 128.465 ng
RT: 12.698 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

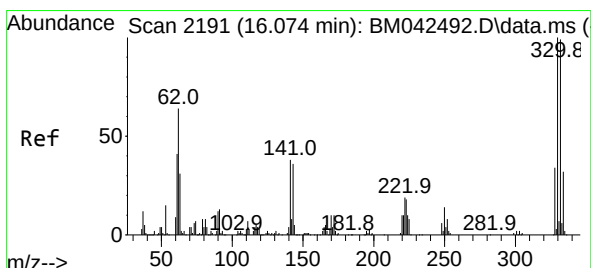
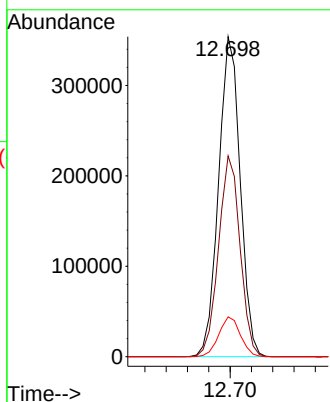
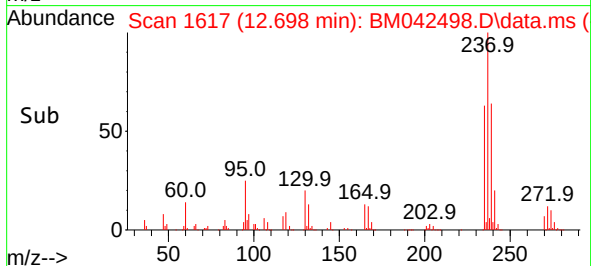
Instrument :
BNA_M
ClientSampleId :
PB156526BS



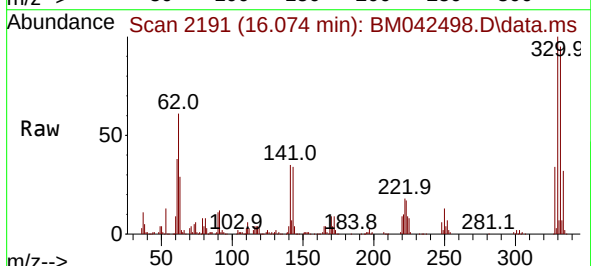
Tgt Ion:237 Resp: 497450
Ion Ratio Lower Upper
237 100
235 62.8 42.5 82.5
272 12.5 0.0 33.2

Manual Integrations
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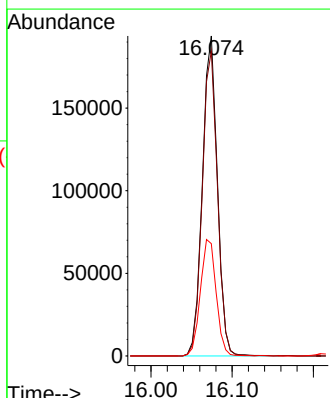
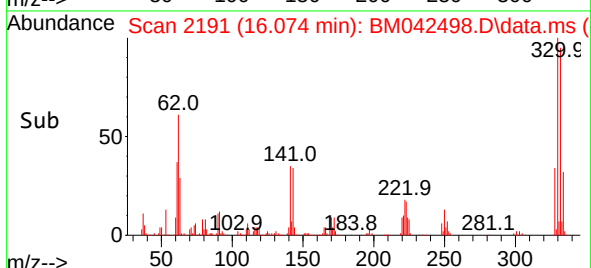
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

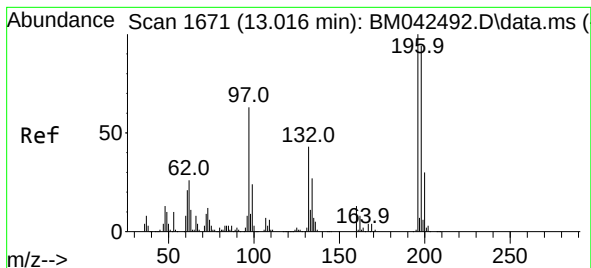


#42
2,4,6-Tribromophenol
Concen: 90.549 ng
RT: 16.074 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36



Tgt Ion:330 Resp: 247890
Ion Ratio Lower Upper
330 100
332 96.3 78.8 118.2
141 38.4 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 53.057 ng

RT: 13.016 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM042498.D

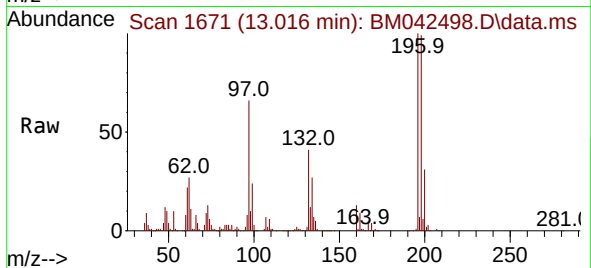
Acq: 30 Oct 2023 17:36

Instrument :

BNA_M

ClientSampleId :

PB156526BS



Tgt Ion:196 Resp: 21288

Ion Ratio Lower Upper

196 100

198 98.5 75.2 112.8

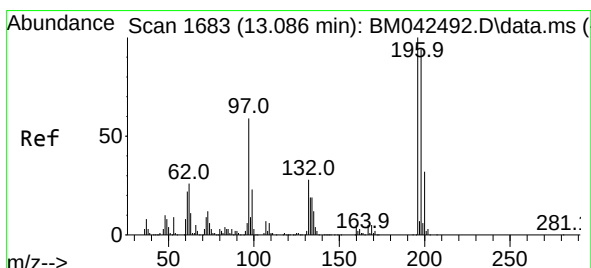
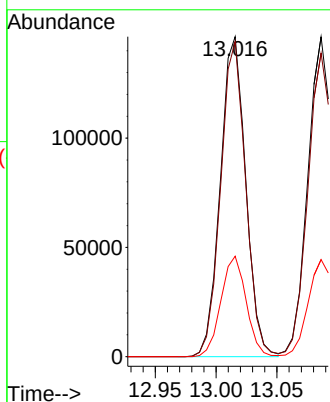
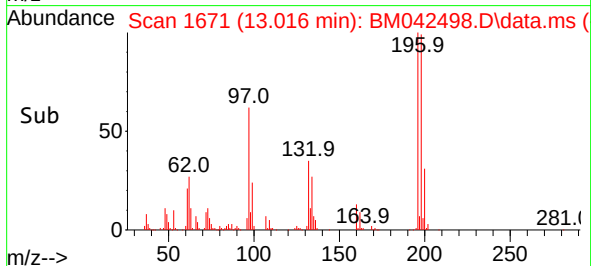
200 31.4 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#44

2,4,5-Trichlorophenol

Concen: 47.613 ng

RT: 13.086 min Scan# 1683

Delta R.T. -0.000 min

Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

Tgt Ion:196 Resp: 227330

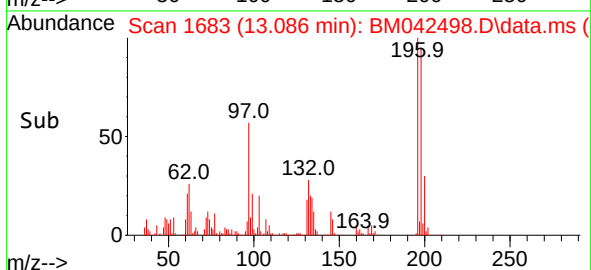
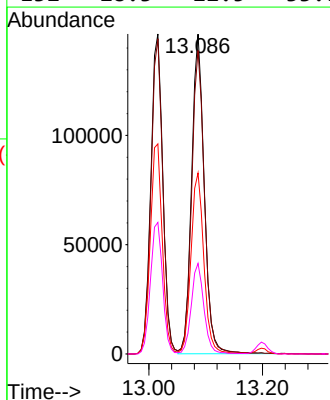
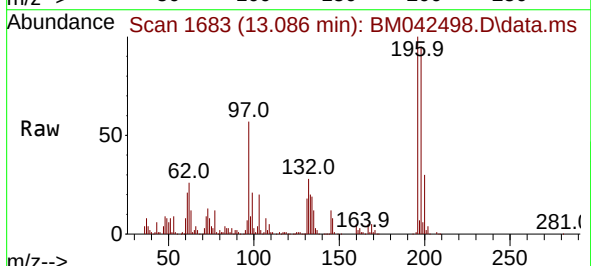
Ion Ratio Lower Upper

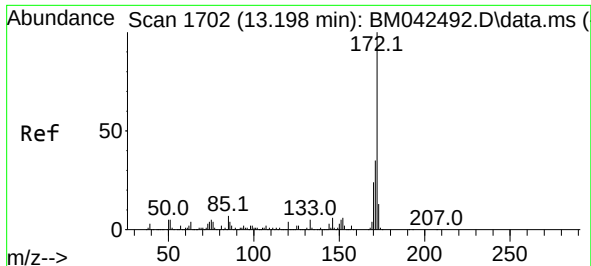
196 100

198 94.9 75.1 112.7

97 56.6 47.4 71.0

132 28.3 22.5 33.7





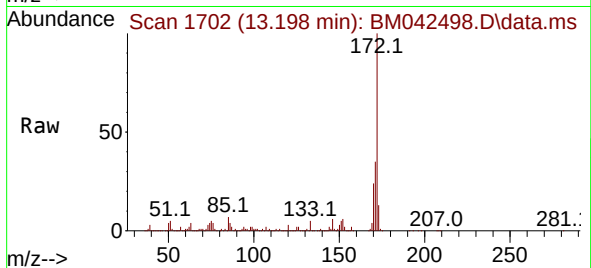
#45
2-Fluorobiphenyl
Concen: 98.482 ng
RT: 13.198 min Scan# 1702
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Instrument :

BNA_M

ClientSampleId :

PB156526BS



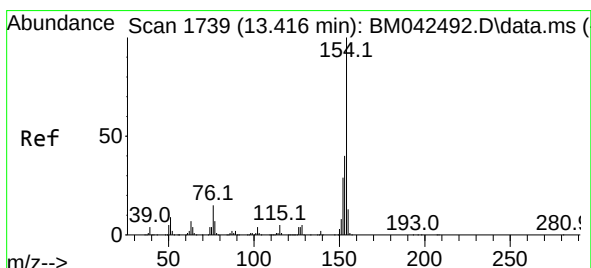
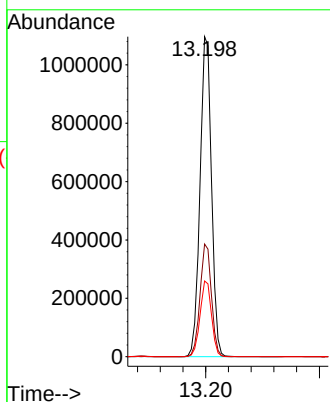
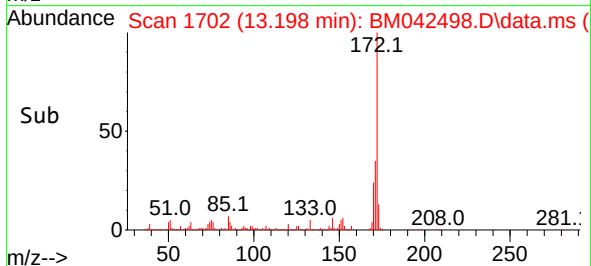
Tgt Ion:172 Resp: 1534662
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.7 19.0 28.4

Manual Integrations

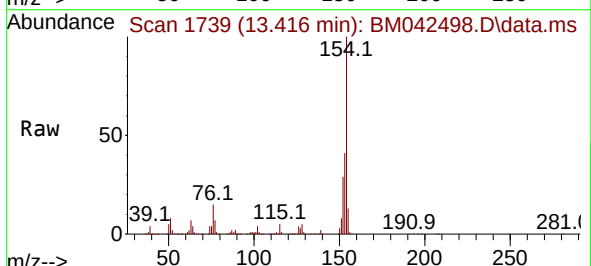
APPROVED

Reviewed By :Yogesh Patel 10/31/2023

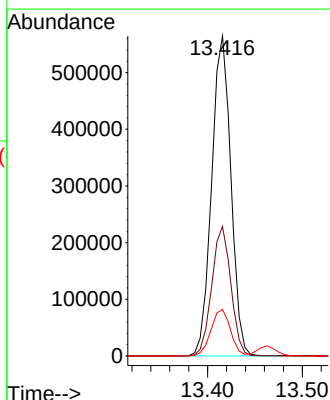
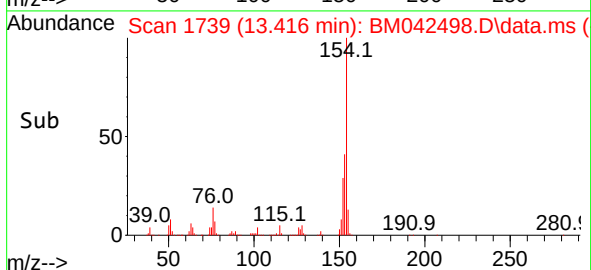
Supervised By :mohammad ahmed 10/31/2023

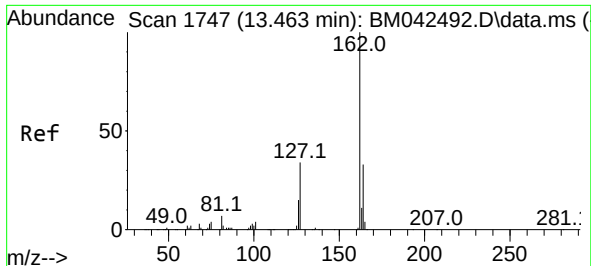


#46
1,1'-Biphenyl
Concen: 49.629 ng
RT: 13.416 min Scan# 1739
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36



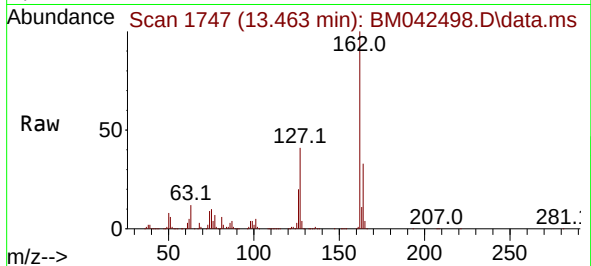
Tgt Ion:154 Resp: 795498
Ion Ratio Lower Upper
154 100
153 40.5 20.3 60.3
76 14.5 0.0 35.0





#47
2-Chloronaphthalene
Concen: 52.098 ng
RT: 13.463 min Scan# 1747
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

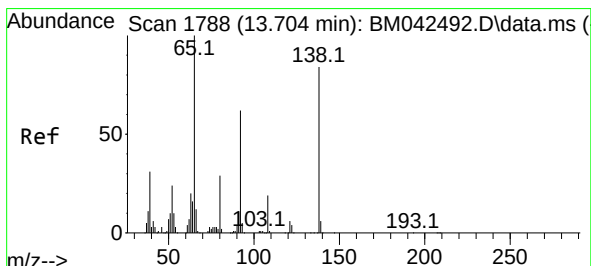
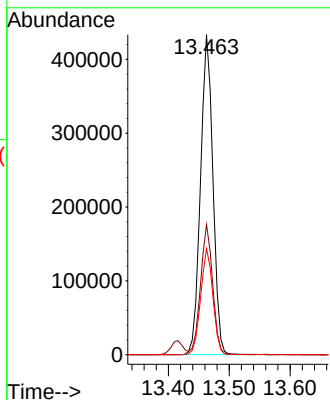
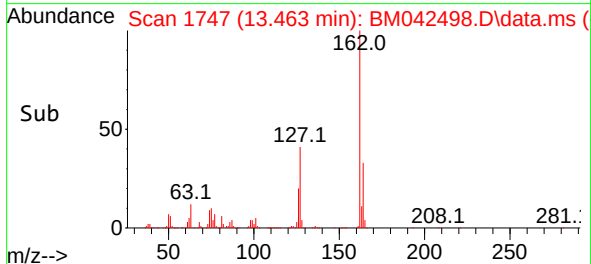
Instrument :
BNA_M
ClientSampleId :
PB156526BS



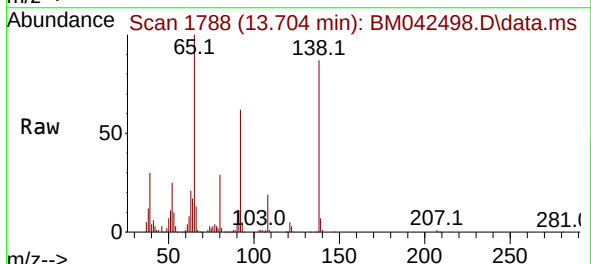
Tgt Ion:162 Resp: 612618
Ion Ratio Lower Upper
162 100
127 40.6 31.1 46.7
164 33.1 26.2 39.4

Manual Integrations
APPROVED

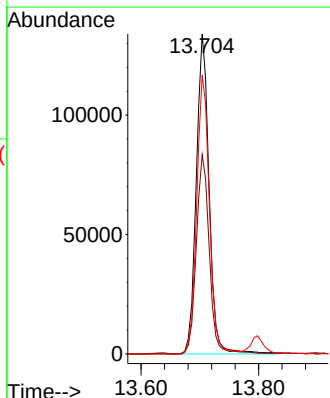
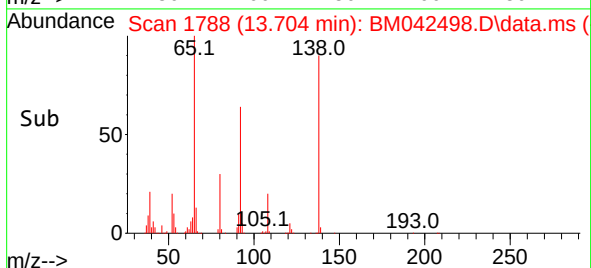
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

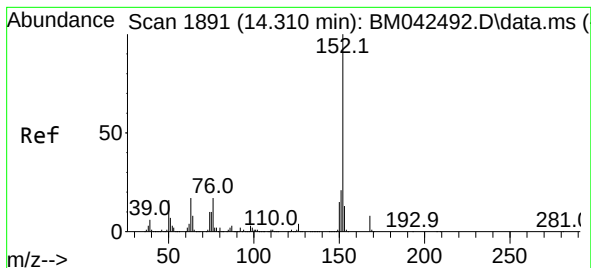


#48
2-Nitroaniline
Concen: 43.356 ng
RT: 13.704 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36



Tgt Ion: 65 Resp: 203436
Ion Ratio Lower Upper
65 100
92 62.3 49.4 74.2
138 87.1 66.9 100.3





#49

Acenaphthylene

Concen: 48.891 ng

RT: 14.310 min Scan# 1891

Delta R.T. -0.000 min

Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

Instrument :

BNA_M

ClientSampleId :

PB156526BS

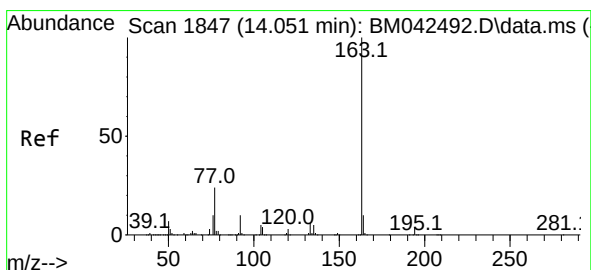
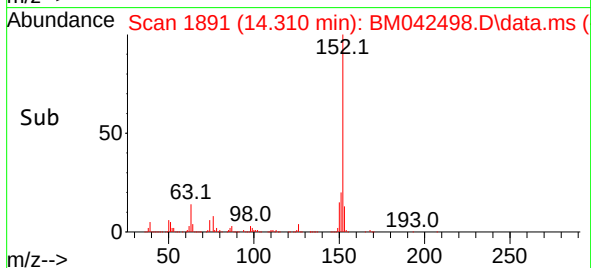
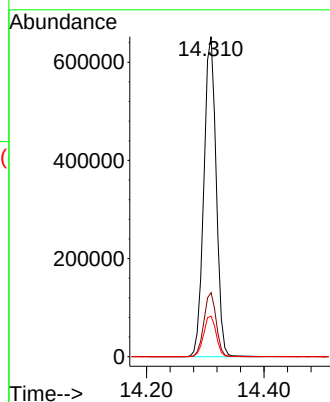
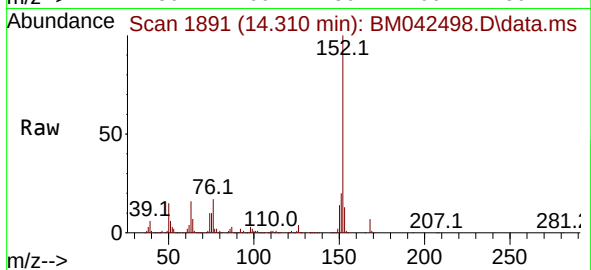
Tgt Ion:	152	Resp:	95213
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.4	24.6
153	12.7	10.4	15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#50

Dimethylphthalate

Concen: 45.677 ng

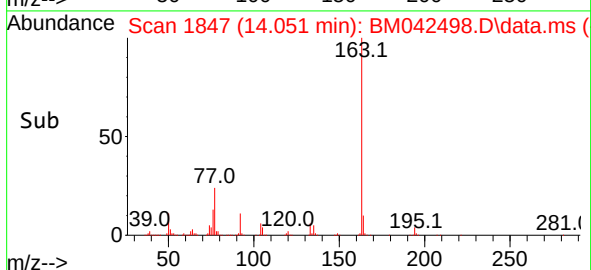
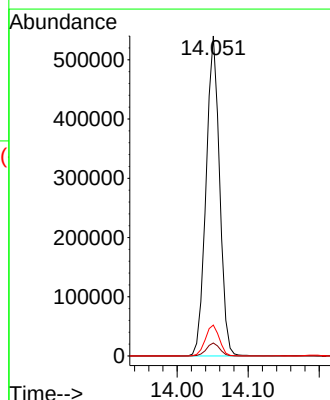
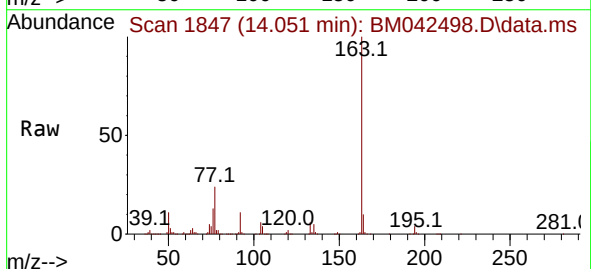
RT: 14.051 min Scan# 1847

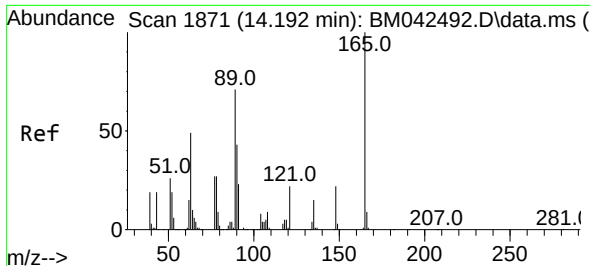
Delta R.T. -0.000 min

Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

Tgt Ion:	163	Resp:	715861
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.2	4.8
164	9.7	7.8	11.8





#51
2,6-Dinitrotoluene
Concen: 46.855 ng
RT: 14.192 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Instrument :

BNA_M

ClientSampleId :

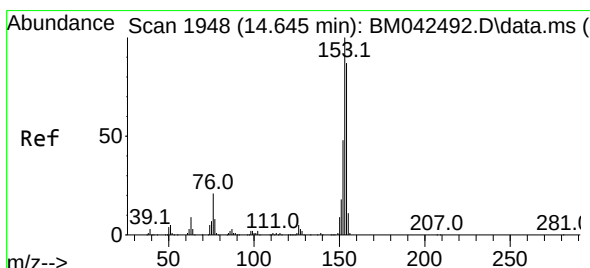
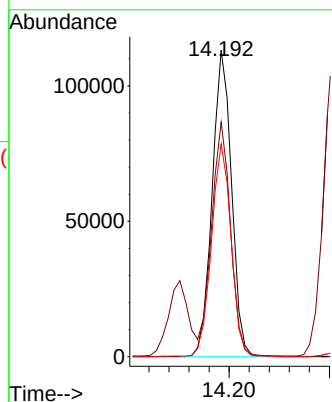
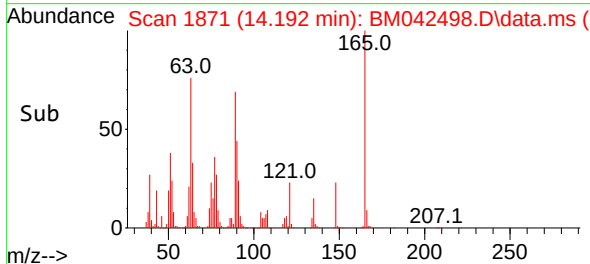
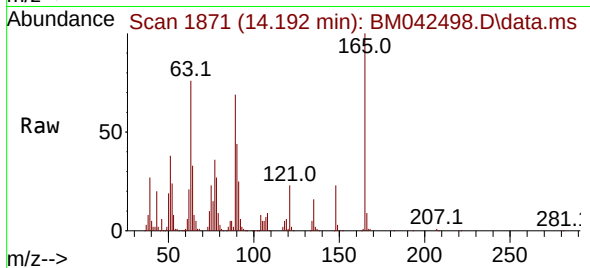
PB156526BS

Tgt Ion:165 Resp: 151339
Ion Ratio Lower Upper
165 100
63 76.5 59.4 89.0
89 69.3 57.0 85.6

Manual Integrations

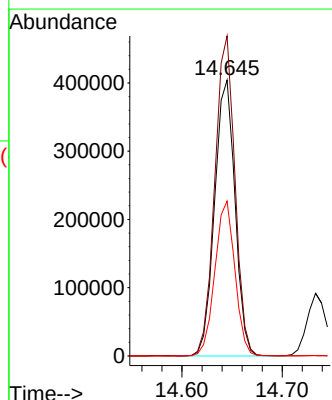
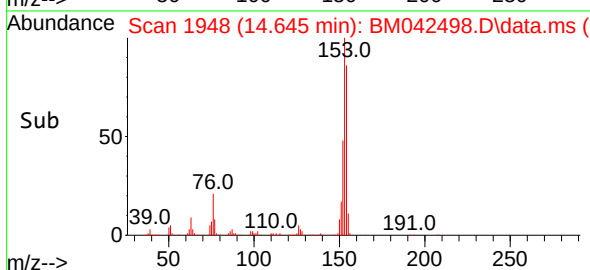
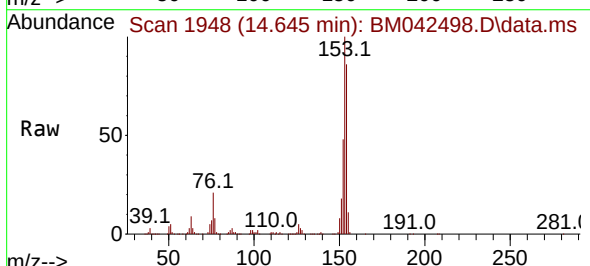
APPROVED

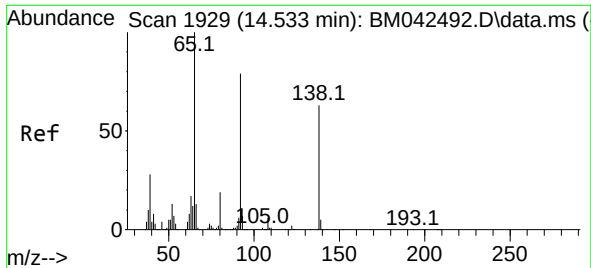
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#52
Acenaphthene
Concen: 48.376 ng
RT: 14.645 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

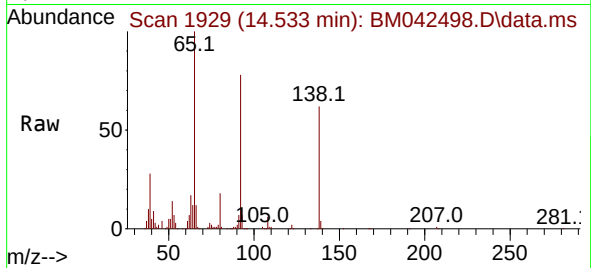
Tgt Ion:154 Resp: 571764
Ion Ratio Lower Upper
154 100
153 116.0 92.0 138.0
152 56.1 44.0 66.0





#53
3-Nitroaniline
Concen: 26.247 ng
RT: 14.533 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

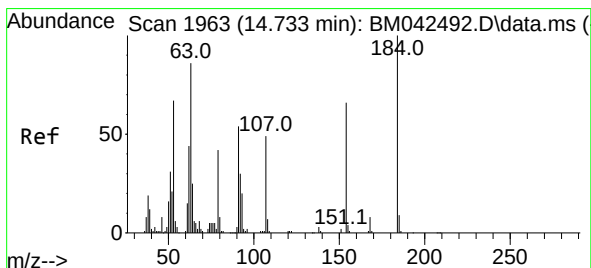
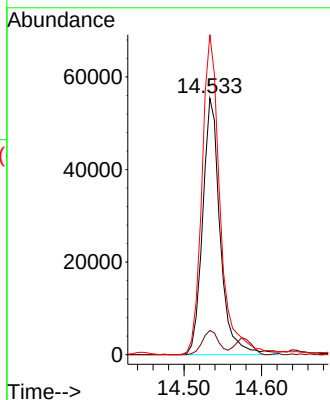
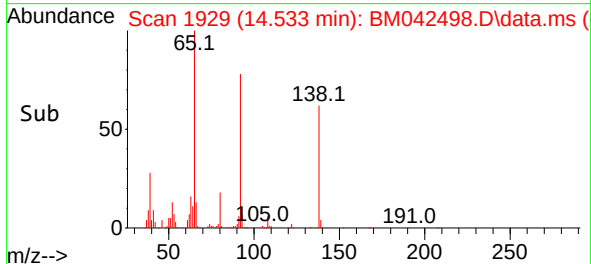
Instrument :
BNA_M
ClientSampleId :
PB156526BS



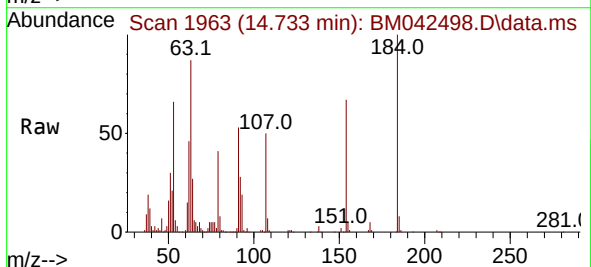
Tgt Ion:138 Resp: 87214
Ion Ratio Lower Upper
138 100
108 9.5 7.9 11.9
92 124.8 100.7 151.1

Manual Integrations
APPROVED

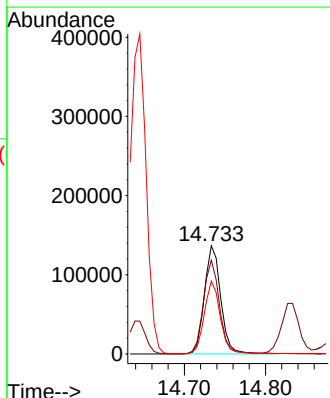
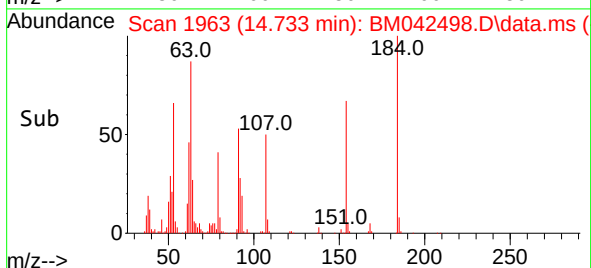
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

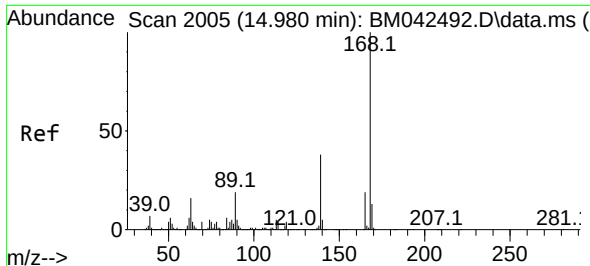


#54
2,4-Dinitrophenol
Concen: 83.109 ng
RT: 14.733 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36



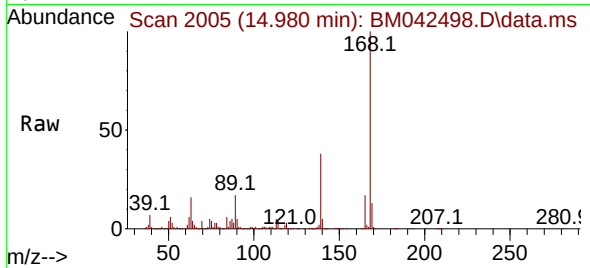
Tgt Ion:184 Resp: 191249
Ion Ratio Lower Upper
184 100
63 86.7 69.2 103.8
154 67.4 53.2 79.8





#55
Dibenzenofuran
Concen: 46.910 ng
RT: 14.980 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

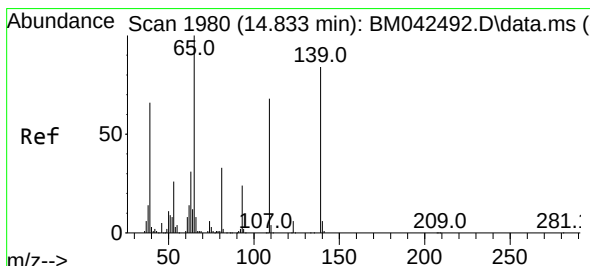
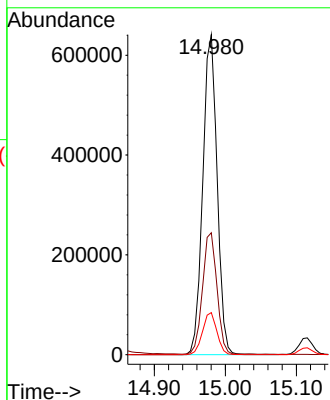
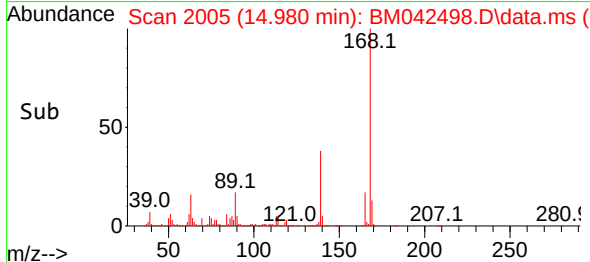
Instrument :
BNA_M
ClientSampleId :
PB156526BS



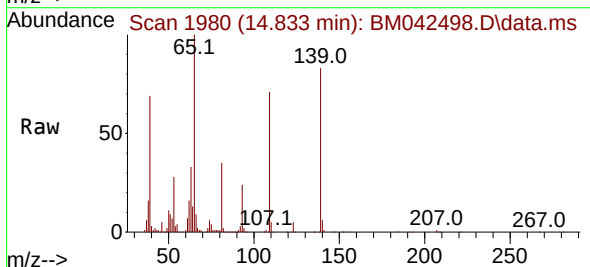
Tgt Ion:168 Resp: 90144
Ion Ratio Lower Upper
168 100
139 38.1 30.4 45.6
169 13.2 10.6 15.8

Manual Integrations
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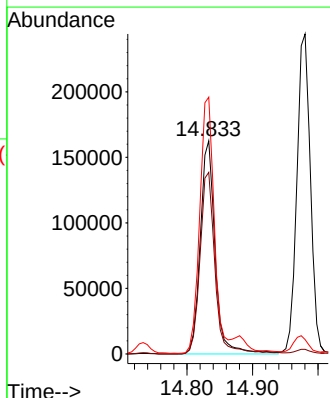
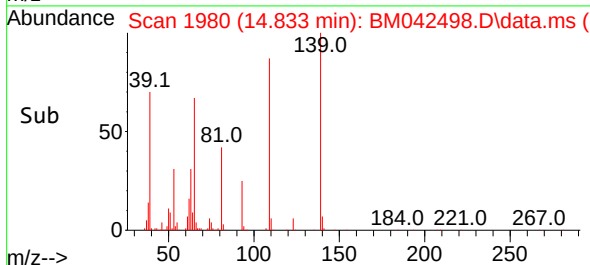
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

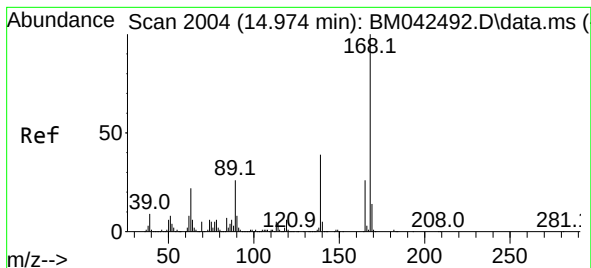


#56
4-Nitrophenol
Concen: 87.037 ng
RT: 14.833 min Scan# 1980
Delta R.T. 0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36



Tgt Ion:139 Resp: 257424
Ion Ratio Lower Upper
139 100
109 85.2 61.3 101.3
65 120.6 100.2 140.2





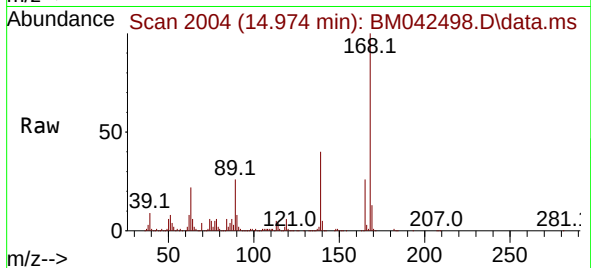
#57
2,4-Dinitrotoluene
Concen: 41.693 ng
RT: 14.974 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Instrument :

BNA_M

ClientSampleId :

PB156526BS

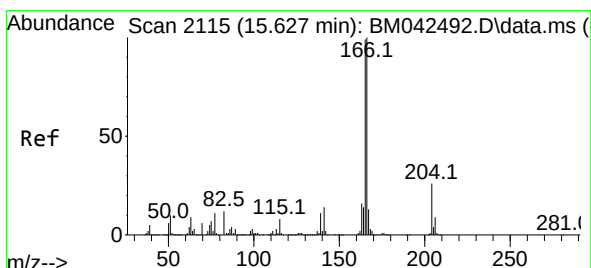
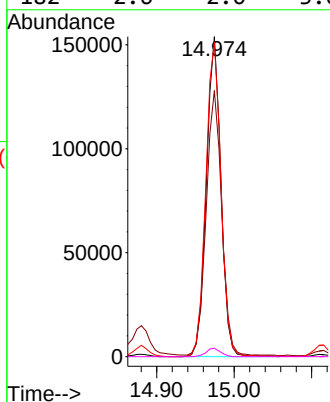
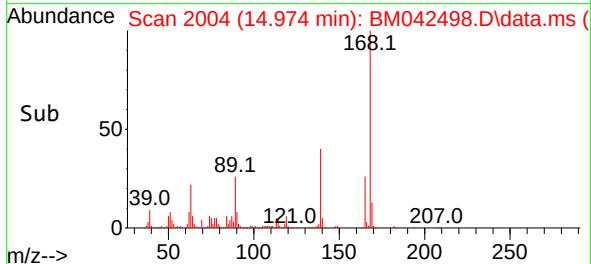


Tgt Ion:165 Resp: 201280
Ion Ratio Lower Upper
165 100
63 83.1 66.7 100.1
89 98.3 80.2 120.4
182 2.6 2.0 3.0

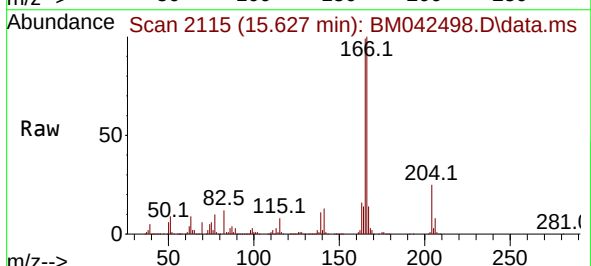
Manual Integrations

APPROVED

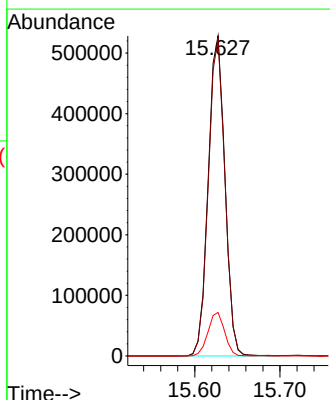
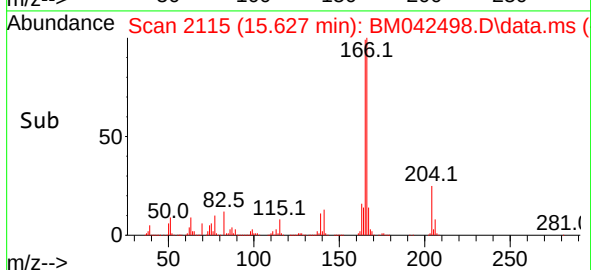
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

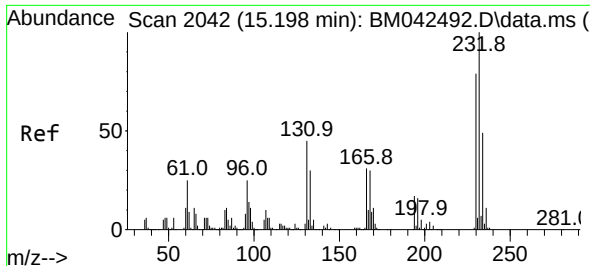


#58
Fluorene
Concen: 46.239 ng
RT: 15.627 min Scan# 2115
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36



Tgt Ion:166 Resp: 718934
Ion Ratio Lower Upper
166 100
165 99.3 79.3 118.9
167 13.6 10.5 15.7





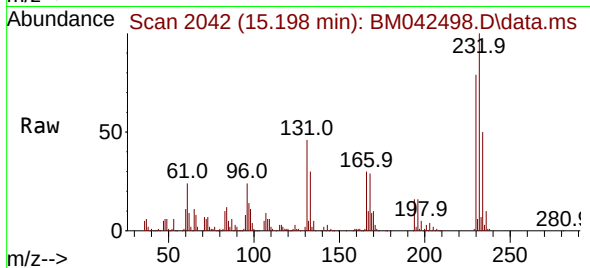
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.613 ng
RT: 15.198 min Scan# 2042
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Instrument :

BNA_M

ClientSampleId :

PB156526BS

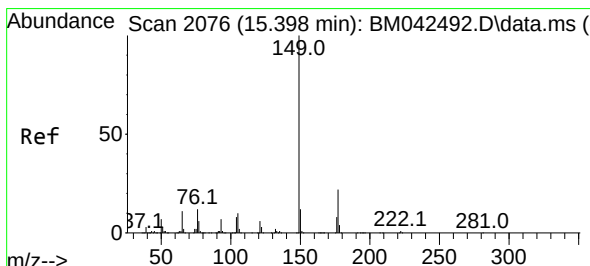
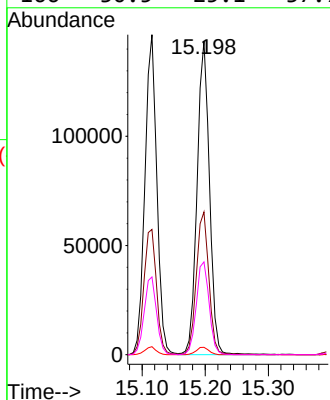
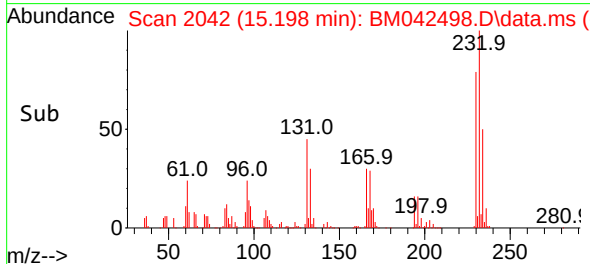


Tgt Ion:232 Resp: 195499
Ion Ratio Lower Upper
232 100
131 46.0 37.2 55.8
130 2.4 2.1 3.1
166 30.5 25.1 37.7

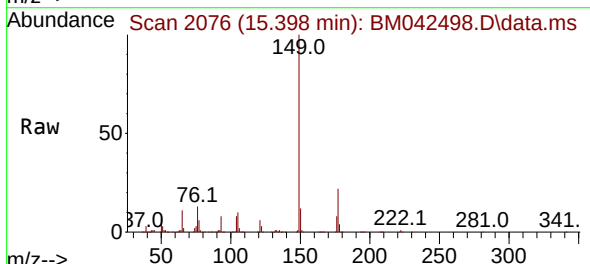
Manual Integrations

APPROVED

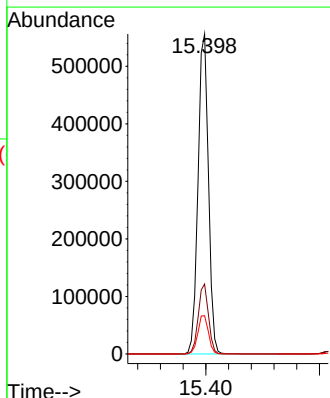
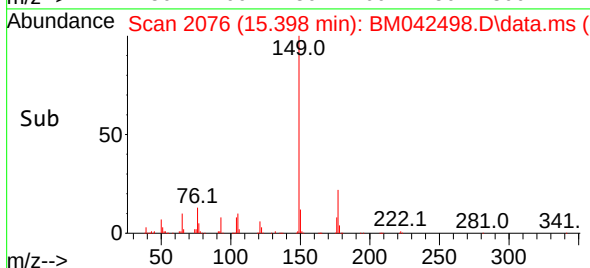
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

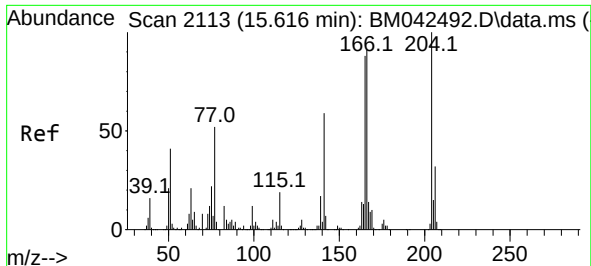


#60
Diethylphthalate
Concen: 44.672 ng
RT: 15.398 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36



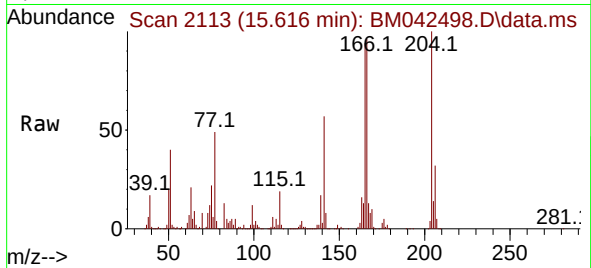
Tgt Ion:149 Resp: 709276
Ion Ratio Lower Upper
149 100
177 21.9 17.8 26.6
150 12.0 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 47.086 ng
RT: 15.616 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

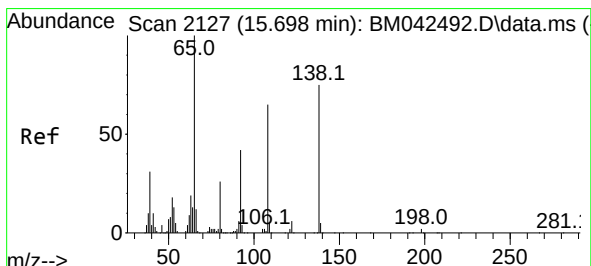
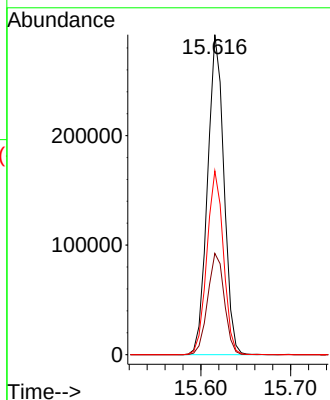
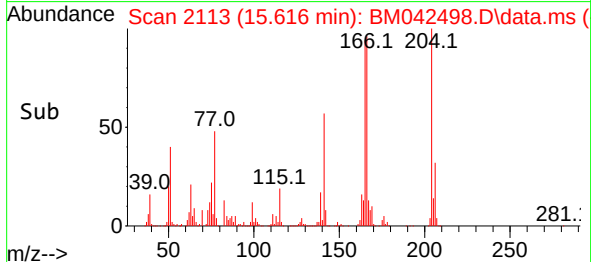
Instrument :
BNA_M
ClientSampleId :
PB156526BS



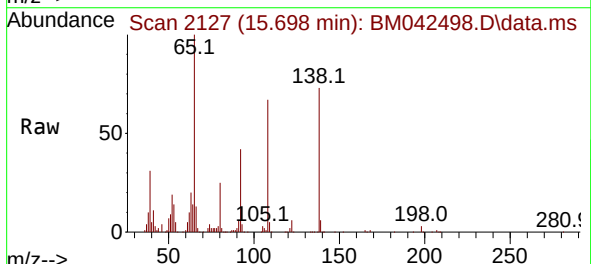
Tgt Ion:204 Resp: 36986
Ion Ratio Lower Upper
204 100
206 31.7 25.9 38.9
141 57.4 46.8 70.2

Manual Integrations
APPROVED

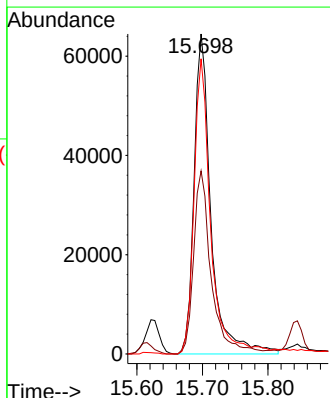
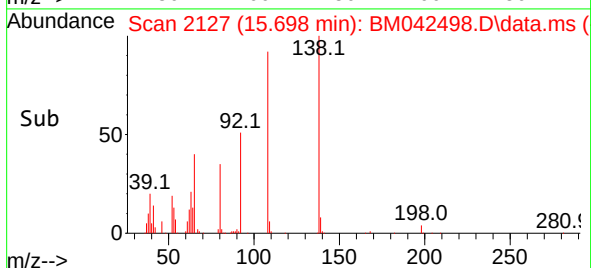
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

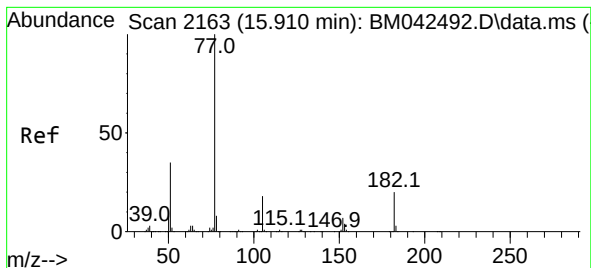


#62
4-Nitroaniline
Concen: 37.355 ng
RT: 15.698 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36



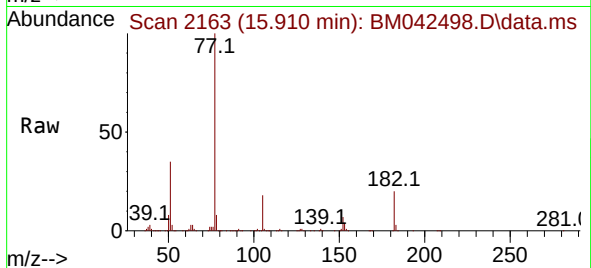
Tgt Ion:138 Resp: 116175
Ion Ratio Lower Upper
138 100
92 57.2 37.0 77.0
108 92.2 67.2 107.2





#63
Azobenzene
Concen: 46.356 ng
RT: 15.910 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

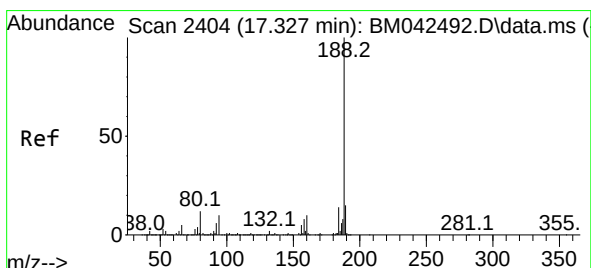
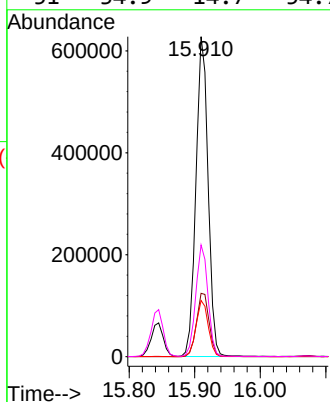
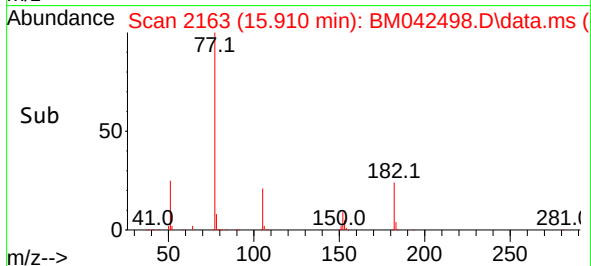
Instrument :
BNA_M
ClientSampleId :
PB156526BS



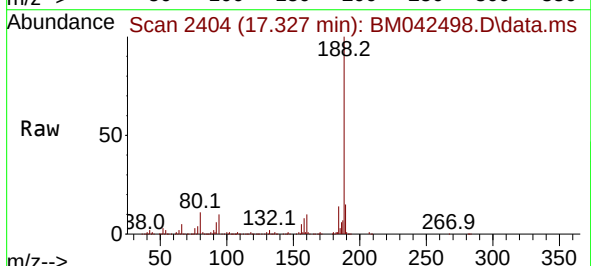
Tgt Ion: 77 Resp: 811079
Ion Ratio Lower Upper
77 100
182 19.8 0.0 40.0
105 17.5 0.0 37.9
51 34.9 14.7 54.7

Manual Integrations
APPROVED

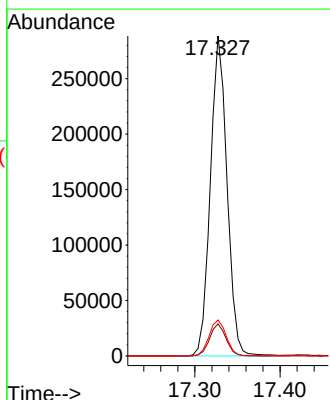
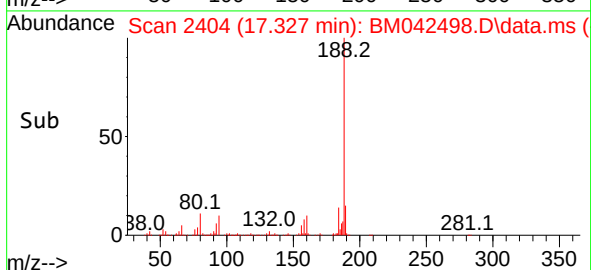
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

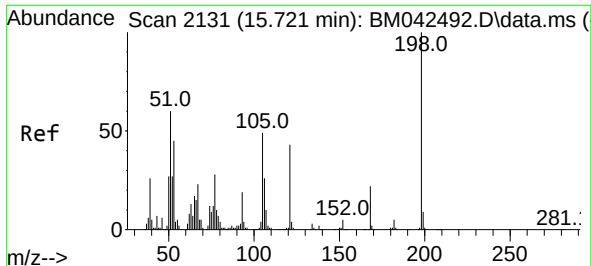


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36



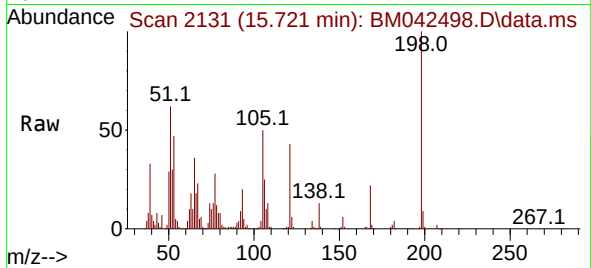
Tgt Ion:188 Resp: 393078
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.4
80 11.3 9.4 14.2





#65
4,6-Dinitro-2-methylphenol
Concen: 46.337 ng
RT: 15.721 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

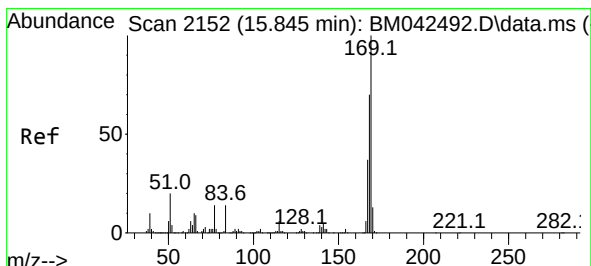
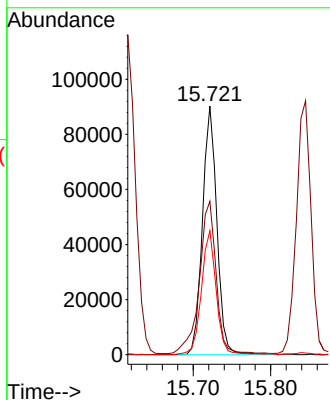
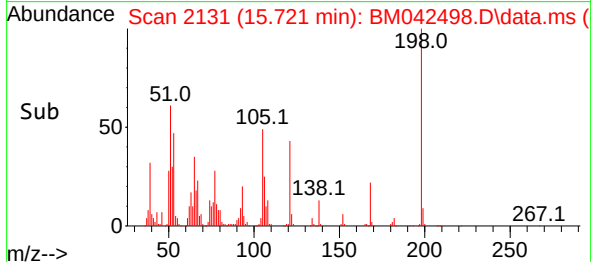
Instrument :
BNA_M
ClientSampleId :
PB156526BS



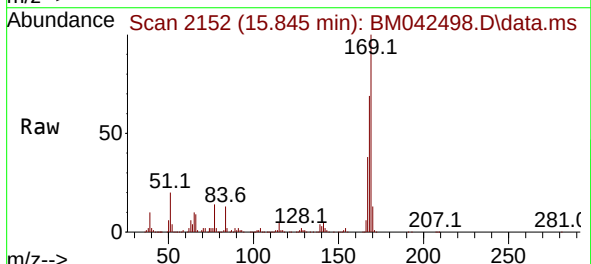
Tgt Ion:198 Resp: 11651
Ion Ratio Lower Upper
198 100
51 61.8 42.4 82.4
105 49.9 29.2 69.2

Manual Integrations
APPROVED

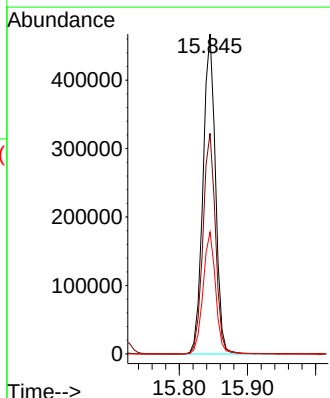
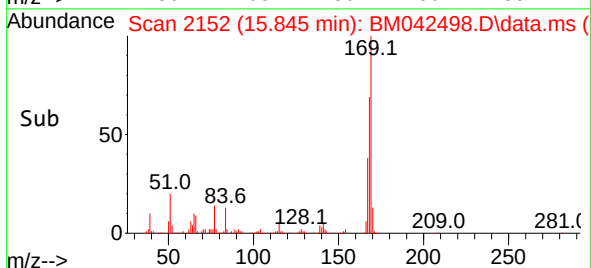
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

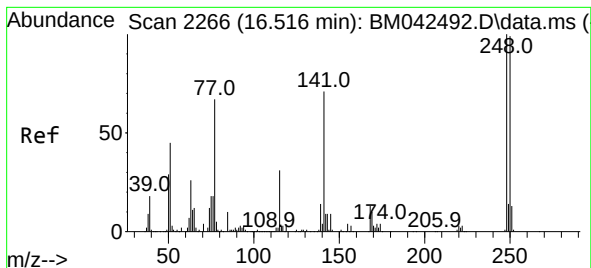


#66
n-Nitrosodiphenylamine
Concen: 53.584 ng
RT: 15.845 min Scan# 2152
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36



Tgt Ion:169 Resp: 593894
Ion Ratio Lower Upper
169 100
168 68.9 55.9 83.9
167 38.1 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 53.584 ng
RT: 16.515 min Scan# 21061
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Instrument :

BNA_M

ClientSampleId :

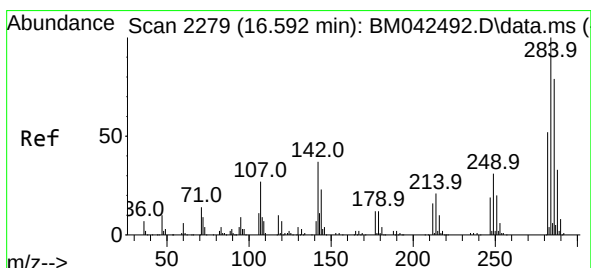
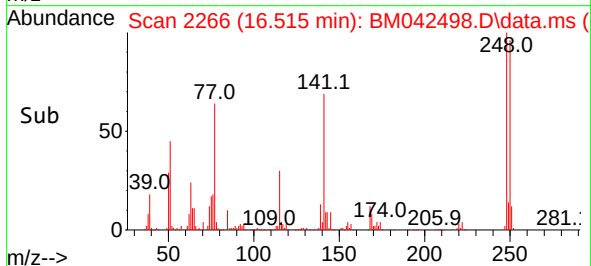
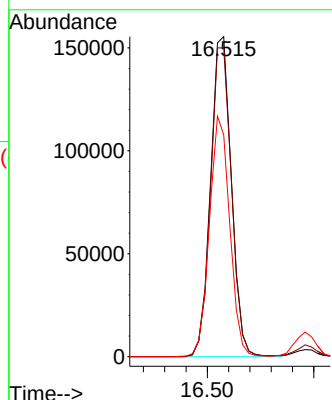
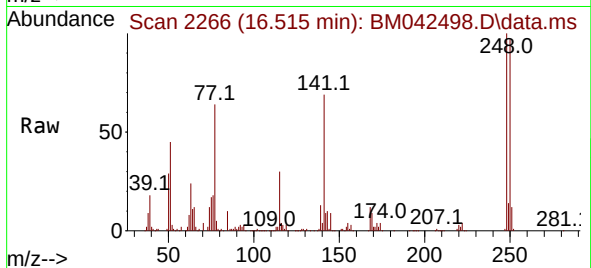
PB156526BS

Tgt Ion:248 Resp: 21061
Ion Ratio Lower Upper
248 100
250 96.5 79.4 119.0
141 69.3 57.0 85.6

Manual Integrations

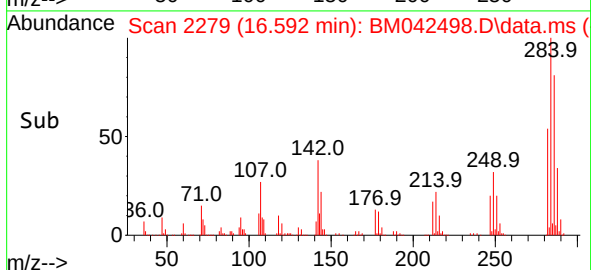
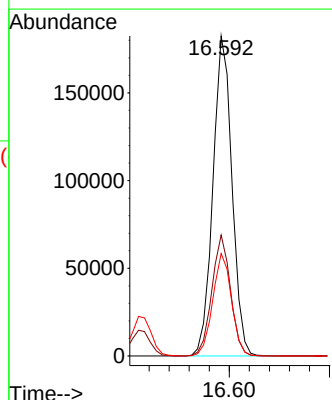
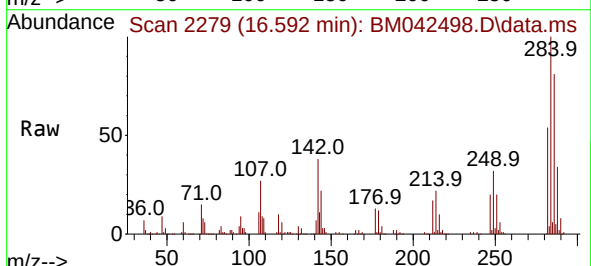
APPROVED

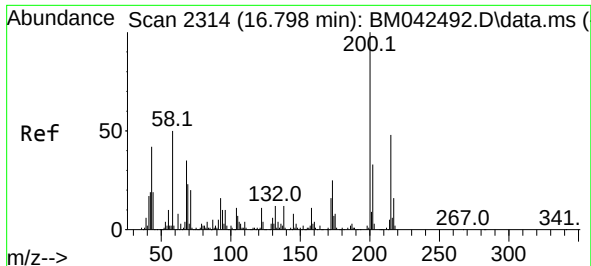
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#68
Hexachlorobenzene
Concen: 55.243 ng
RT: 16.592 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

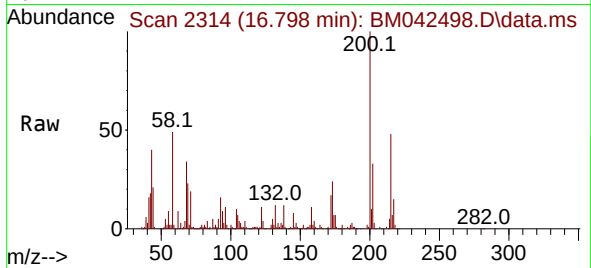
Tgt Ion:284 Resp: 240212
Ion Ratio Lower Upper
284 100
142 37.8 29.8 44.6
249 32.0 25.1 37.7





#69
 Atrazine
 Concen: 64.323 ng
 RT: 16.798 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM042498.D
 Acq: 30 Oct 2023 17:36

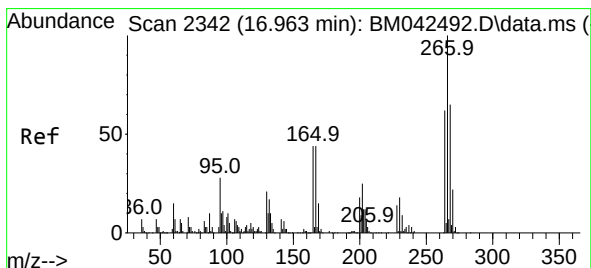
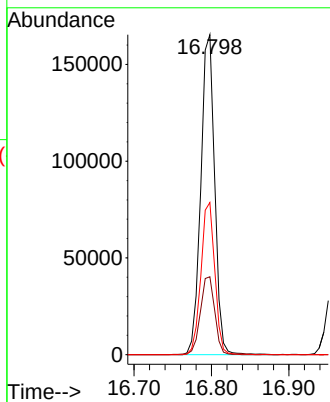
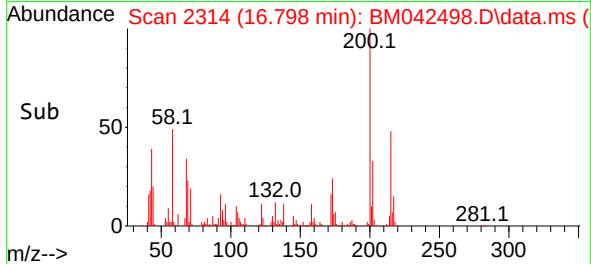
Instrument :
 BNA_M
 ClientSampleId :
 PB156526BS



Tgt Ion:200 Resp: 205998
 Ion Ratio Lower Upper
 200 100
 173 24.4 5.4 45.4
 215 47.5 27.9 67.9

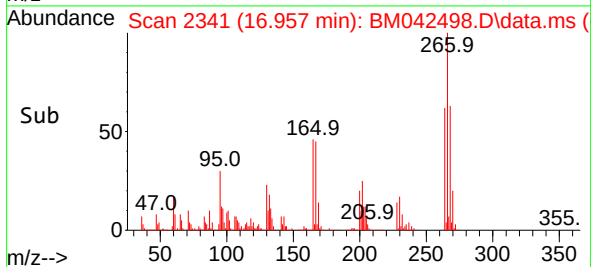
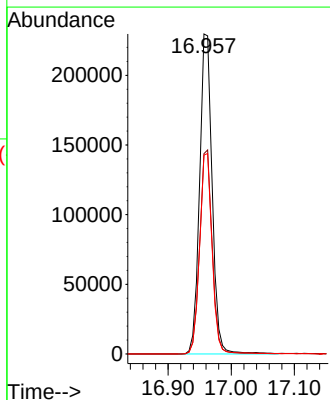
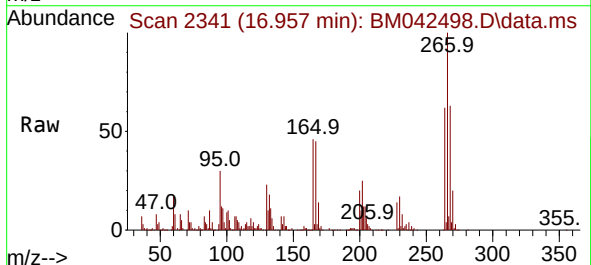
Manual Integrations
 APPROVED

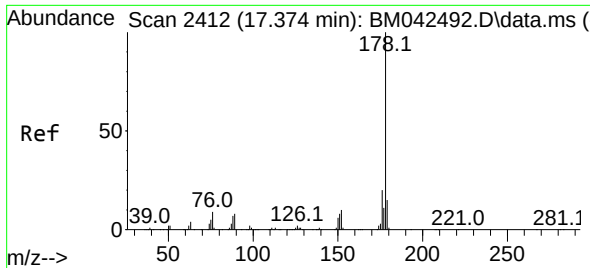
Reviewed By :Yogesh Patel 10/31/2023
 Supervised By :mohammad ahmed 10/31/2023



#70
 Pentachlorophenol
 Concen: 99.622 ng
 RT: 16.957 min Scan# 2341
 Delta R.T. -0.006 min
 Lab File: BM042498.D
 Acq: 30 Oct 2023 17:36

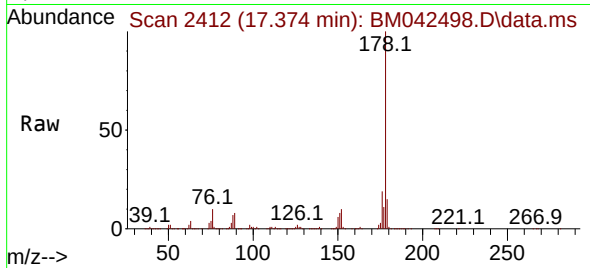
Tgt Ion:266 Resp: 318470
 Ion Ratio Lower Upper
 266 100
 268 62.6 51.7 77.5
 264 62.2 49.4 74.2





#71
Phenanthrene
Concen: 50.467 ng
RT: 17.374 min Scan# 2412
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

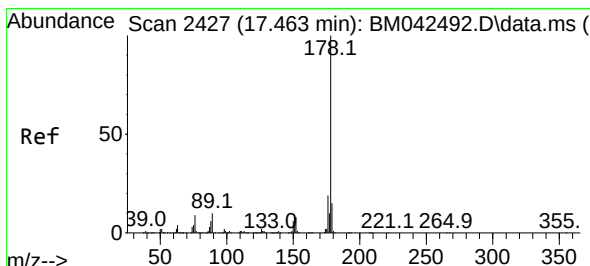
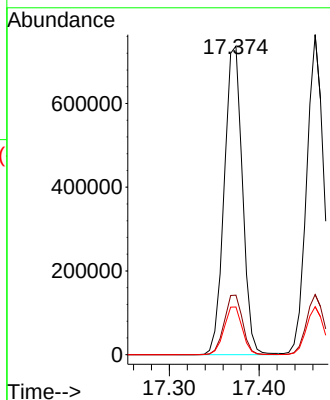
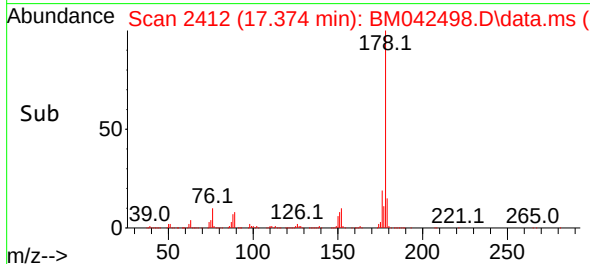
Instrument :
BNA_M
ClientSampleId :
PB156526BS



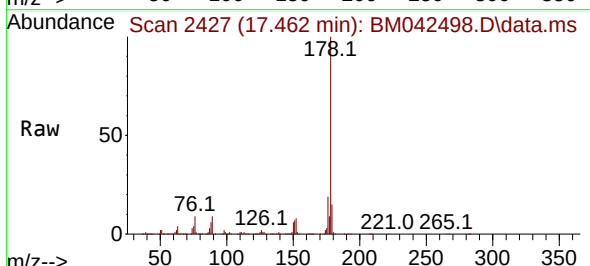
Tgt Ion:178 Resp: 1036693
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 15.4 12.2 18.4

Manual Integrations
APPROVED

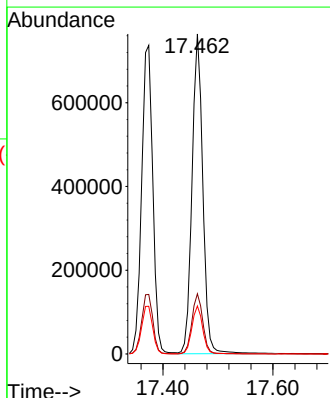
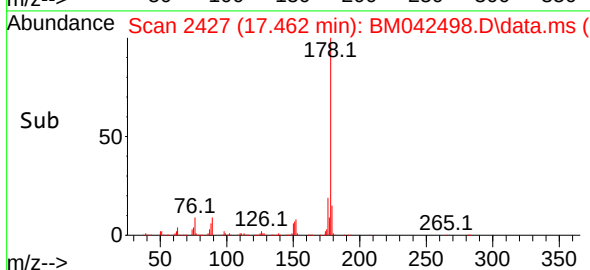
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

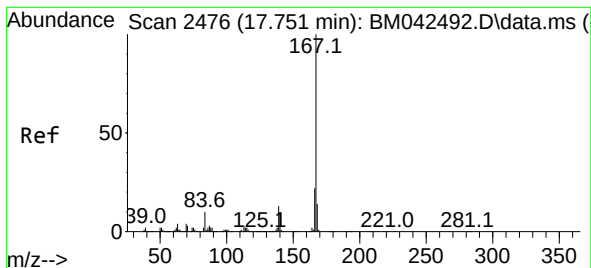


#72
Anthracene
Concen: 50.979 ng
RT: 17.462 min Scan# 2427
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36



Tgt Ion:178 Resp: 1037252
Ion Ratio Lower Upper
178 100
176 18.8 15.2 22.8
179 15.0 12.3 18.5





#73

Carbazole

Concen: 53.627 ng

RT: 17.751 min Scan# 2476

Delta R.T. -0.000 min

Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

Instrument :

BNA_M

ClientSampleId :

PB156526BS

Tgt Ion:167 Resp: 887650

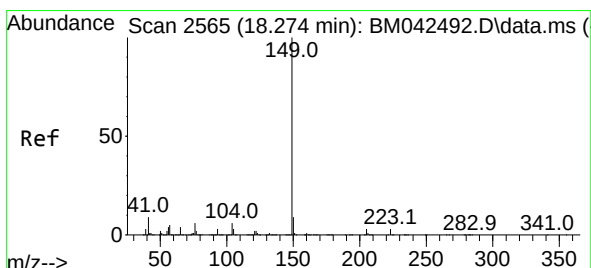
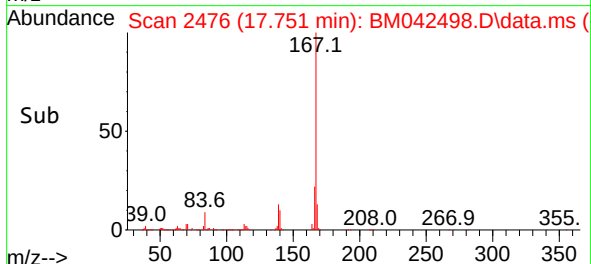
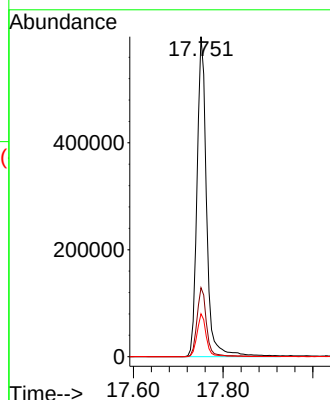
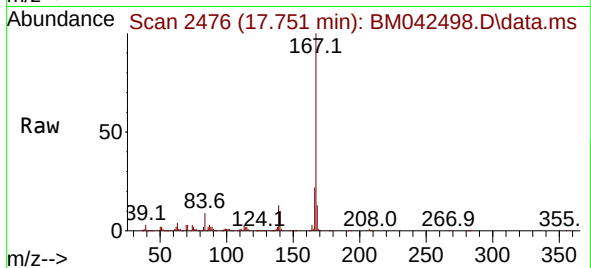
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.2
139	13.4	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#74

Di-n-butylphthalate

Concen: 48.525 ng

RT: 18.274 min Scan# 2565

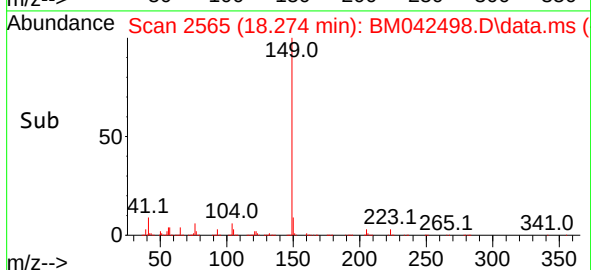
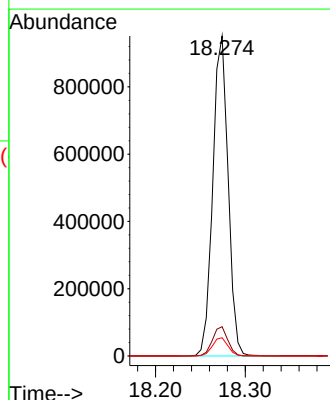
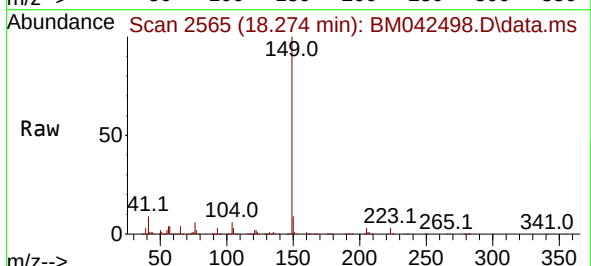
Delta R.T. -0.000 min

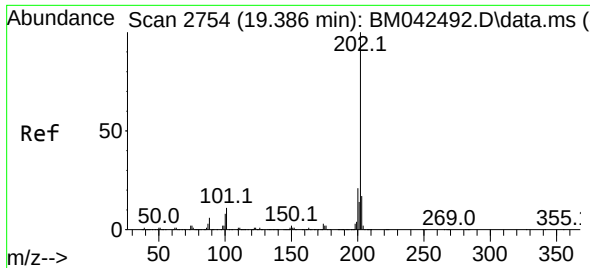
Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

Tgt Ion:149 Resp: 1127924

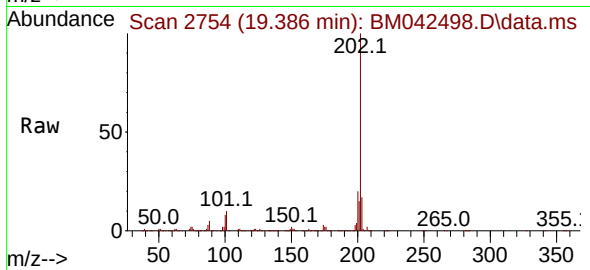
Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.0	10.6
104	5.7	4.6	6.8





#75
Fluoranthene
Concen: 45.945 ng
RT: 19.386 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

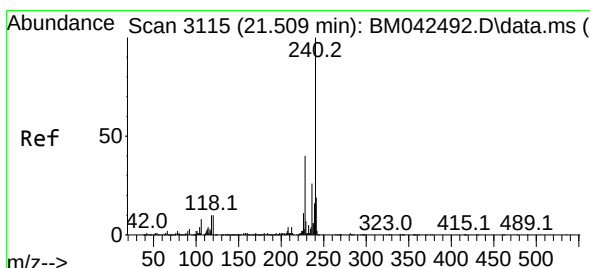
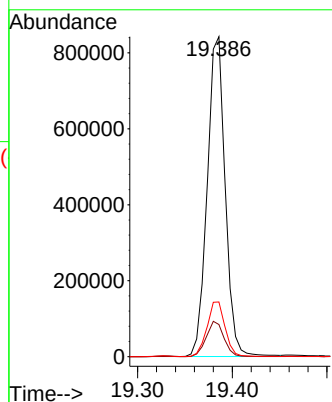
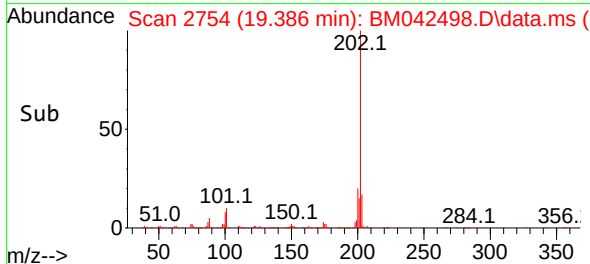
Instrument :
BNA_M
ClientSampleId :
PB156526BS



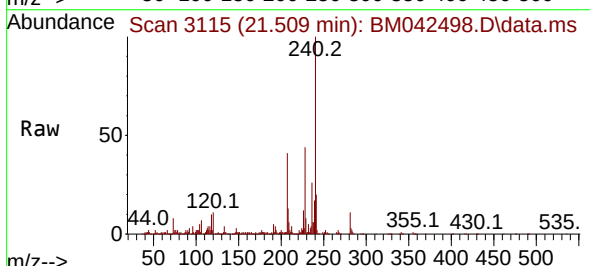
Tgt Ion:202 Resp: 1108650
Ion Ratio Lower Upper
202 100
101 10.1 0.0 30.5
203 17.1 0.0 37.0

Manual Integrations
APPROVED

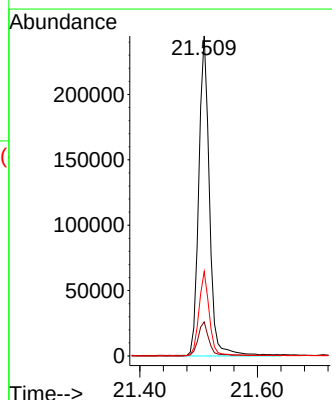
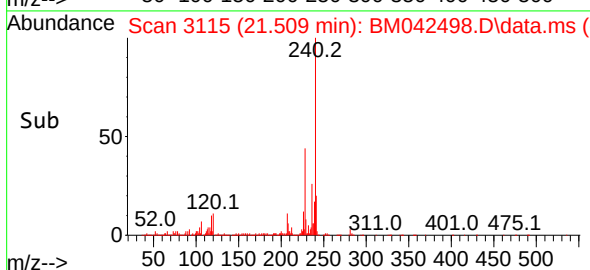
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

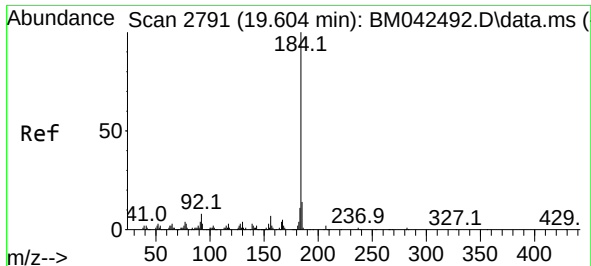


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.509 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36



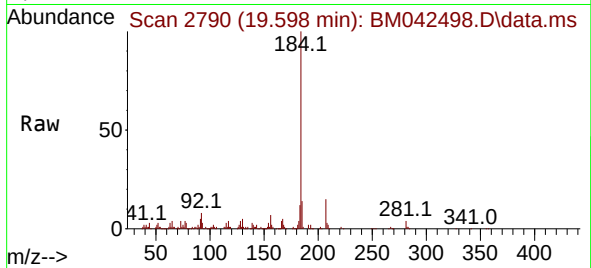
Tgt Ion:240 Resp: 308730
Ion Ratio Lower Upper
240 100
120 10.7 8.3 12.5
236 26.4 20.8 31.2





#77
Benzidine
Concen: 78.001 ng
RT: 19.598 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

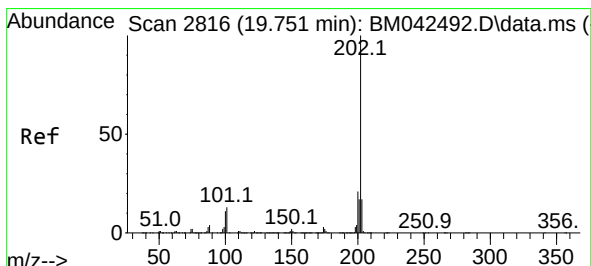
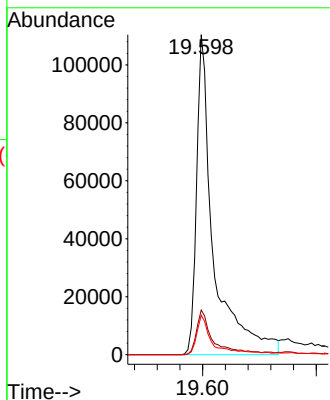
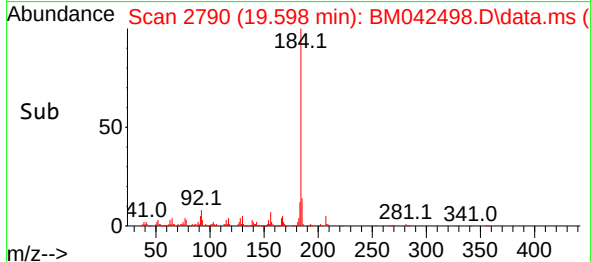
Instrument :
BNA_M
ClientSampleId :
PB156526BS



Tgt Ion:184 Resp: 23099
Ion Ratio Lower Upper
184 100
185 14.0 11.2 16.8
183 12.3 9.0 13.4

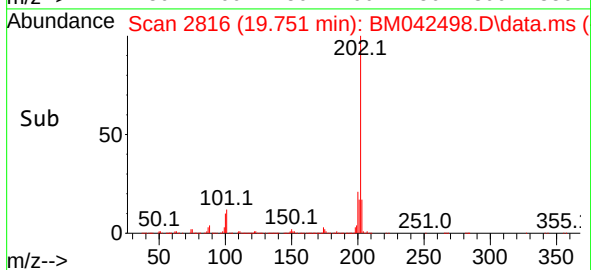
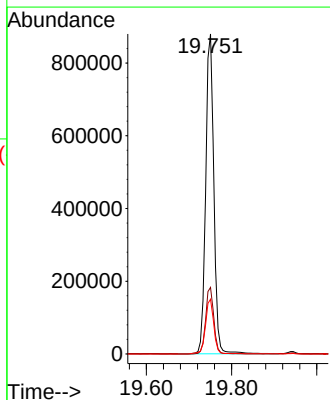
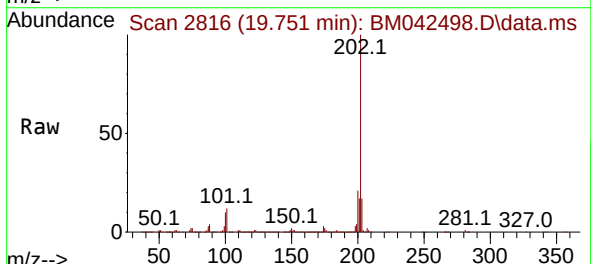
Manual Integrations
APPROVED

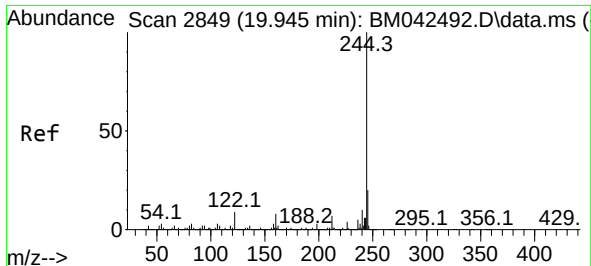
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#78
Pyrene
Concen: 54.960 ng
RT: 19.751 min Scan# 2816
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Tgt Ion:202 Resp: 1165110
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 17.1 13.7 20.5





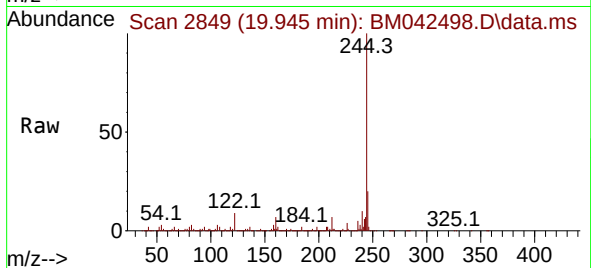
#79
 Terphenyl-d14
 Concen: 106.488 ng
 RT: 19.945 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM042498.D
 Acq: 30 Oct 2023 17:36

Instrument :

BNA_M

ClientSampleId :

PB156526BS

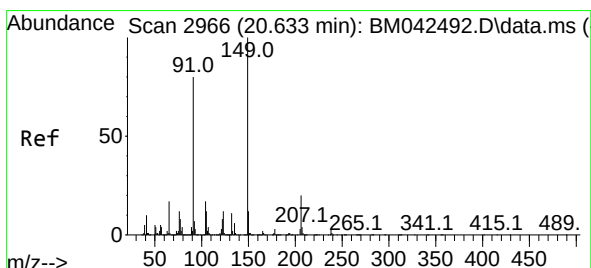
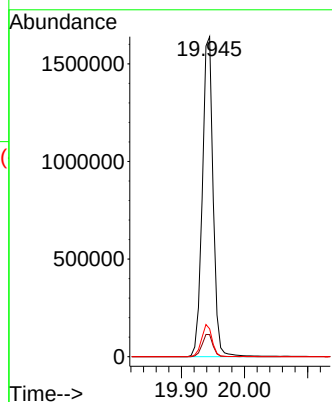
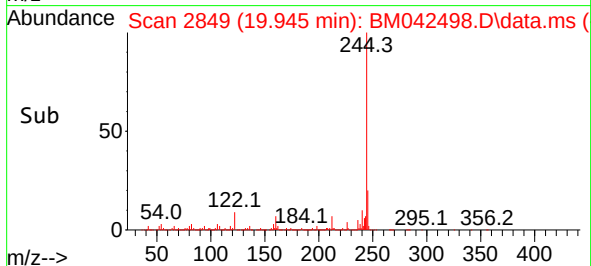


Tgt Ion:244 Resp: 193890
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 8.7 7.2 10.8

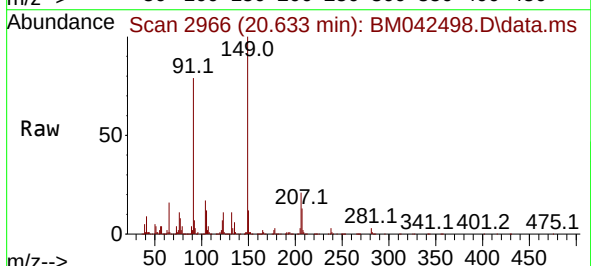
Manual Integrations

APPROVED

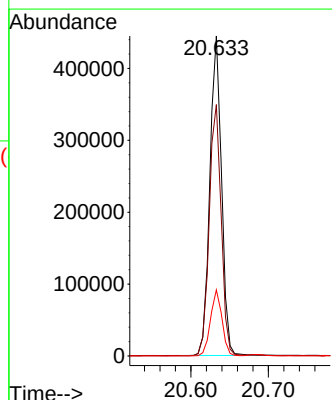
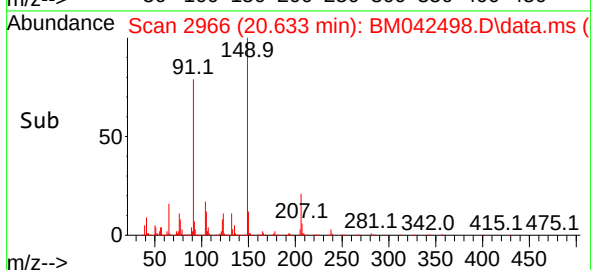
Reviewed By :Yogesh Patel 10/31/2023
 Supervised By :mohammad ahmed 10/31/2023

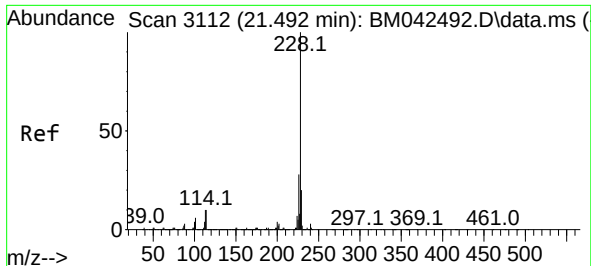


#80
 Butylbenzylphthalate
 Concen: 51.437 ng
 RT: 20.633 min Scan# 2966
 Delta R.T. -0.000 min
 Lab File: BM042498.D
 Acq: 30 Oct 2023 17:36



Tgt Ion:149 Resp: 465734
 Ion Ratio Lower Upper
 149 100
 91 78.5 64.2 96.4
 206 20.7 16.1 24.1





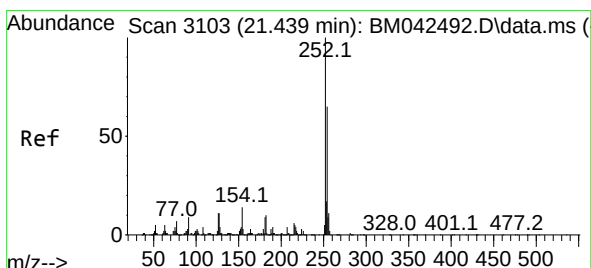
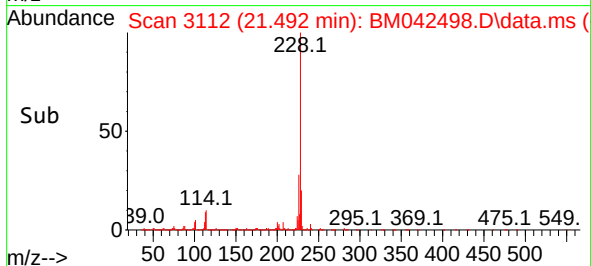
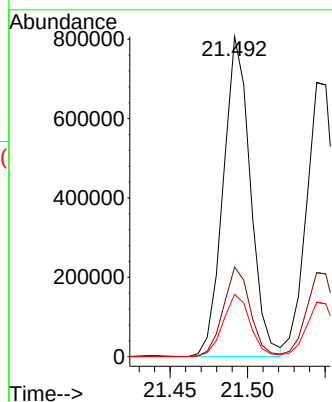
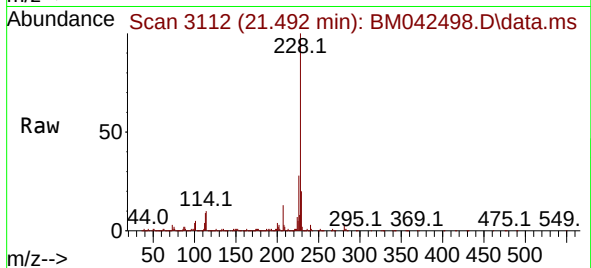
#81
Benzo(a)anthracene
Concen: 49.963 ng
RT: 21.492 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Instrument :
BNA_M
ClientSampleId :
PB156526BS

Tgt Ion:228 Resp: 981429
Ion Ratio Lower Upper
228 100
226 28.0 22.3 33.5
229 19.5 15.8 23.8

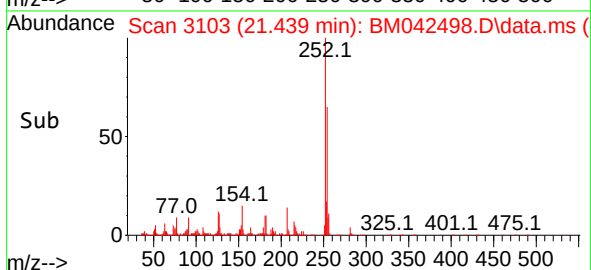
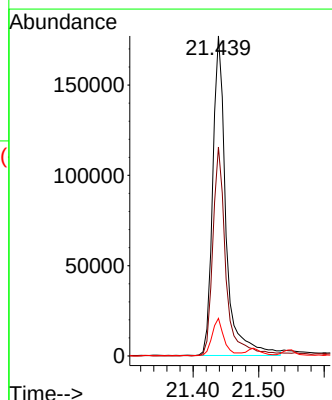
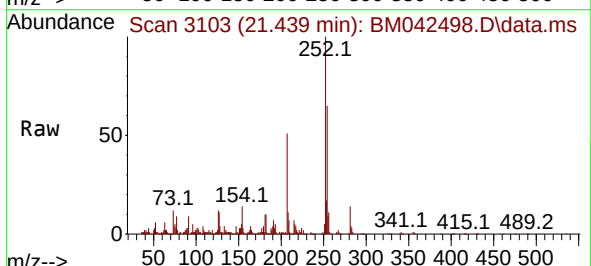
Manual Integrations
APPROVED

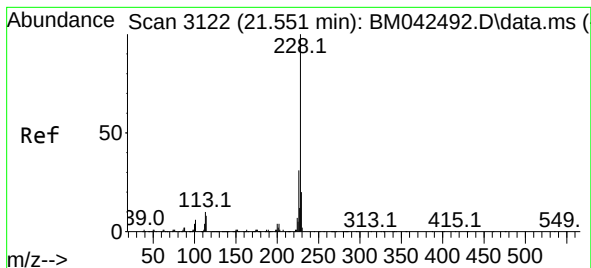
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#82
3,3'-Dichlorobenzidine
Concen: 40.037 ng
RT: 21.439 min Scan# 3103
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Tgt Ion:252 Resp: 249943
Ion Ratio Lower Upper
252 100
254 65.3 52.2 78.4
126 11.8 8.9 13.3





#83

Chrysene

Concen: 46.949 ng

RT: 21.545 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

Instrument :

BNA_M

ClientSampleId :

PB156526BS

Tgt Ion:228 Resp: 93679

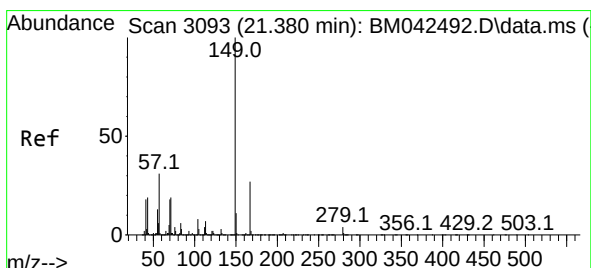
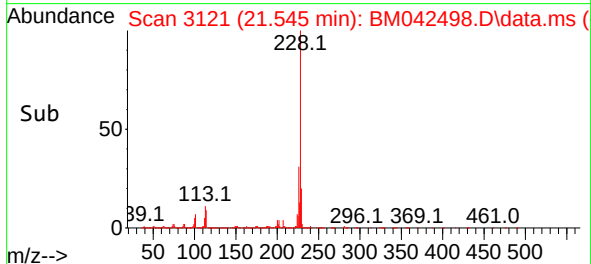
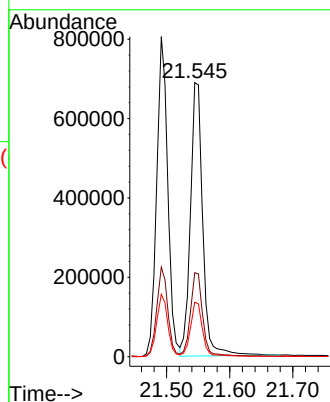
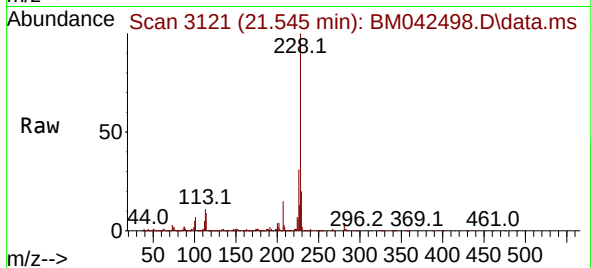
Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.4	36.6
229	19.9	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.358 ng

RT: 21.380 min Scan# 3093

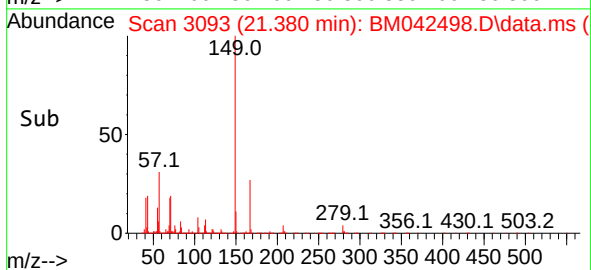
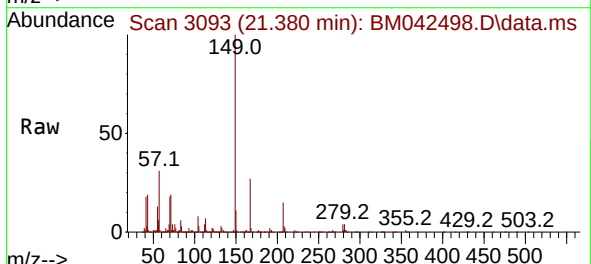
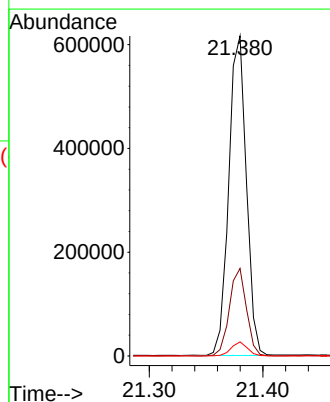
Delta R.T. -0.000 min

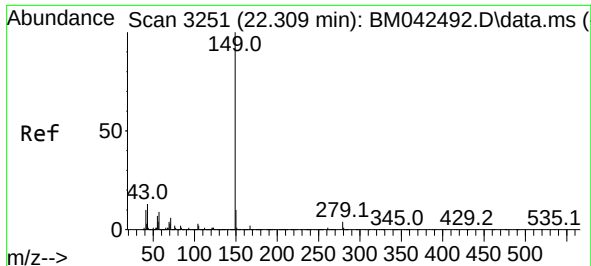
Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

Tgt Ion:149 Resp: 661734

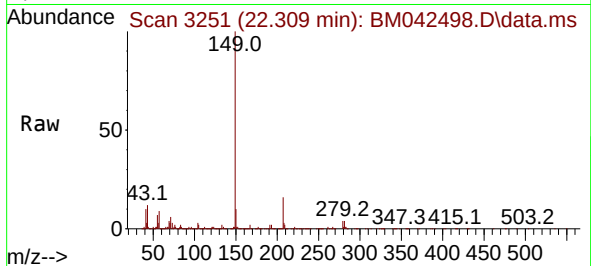
Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.4	32.0
279	4.4	3.4	5.2





#85
Di-n-octyl phthalate
Concen: 46.004 ng
RT: 22.309 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

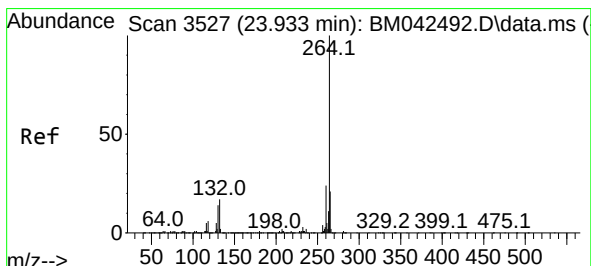
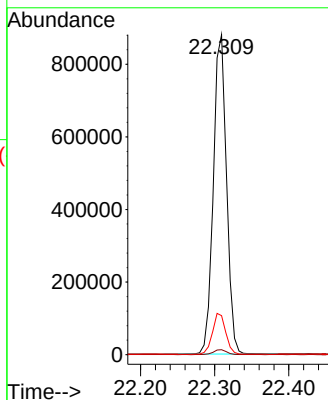
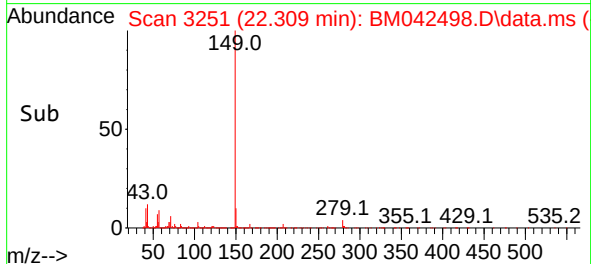
Instrument :
BNA_M
ClientSampleId :
PB156526BS



Tgt Ion:149 Resp: 108356
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 12.8 10.2 15.2

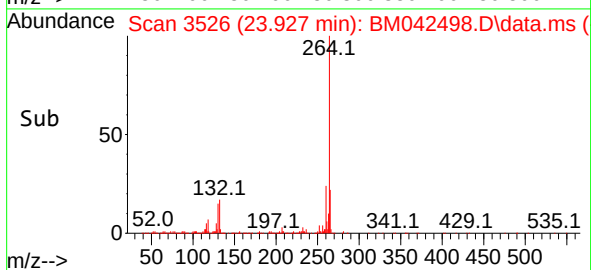
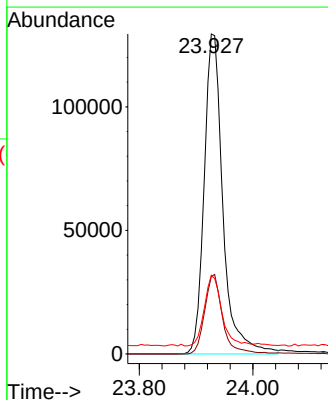
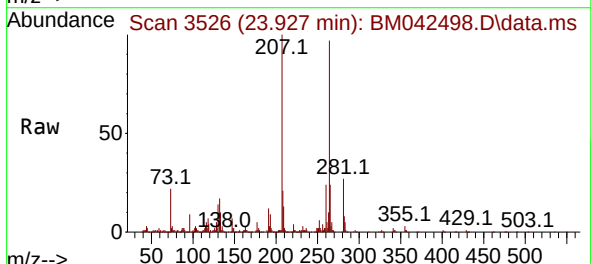
Manual Integrations
APPROVED

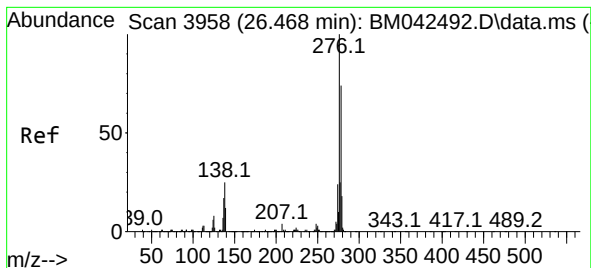
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.927 min Scan# 3526
Delta R.T. -0.006 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Tgt Ion:264 Resp: 295438
Ion Ratio Lower Upper
264 100
260 24.3 19.0 28.4
265 24.6 18.7 28.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.196 ng

RT: 26.462 min Scan# 3958

Delta R.T. -0.006 min

Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

Instrument :

BNA_M

ClientSampleId :

PB156526BS

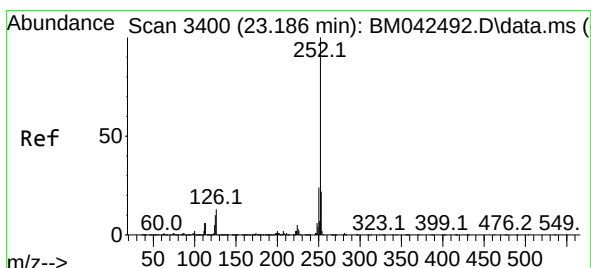
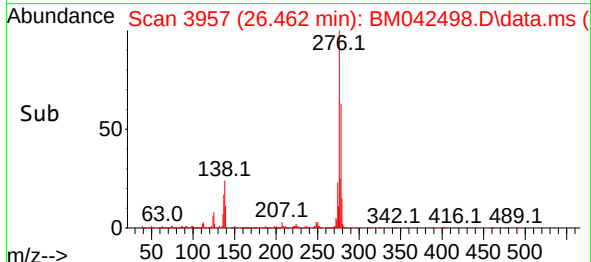
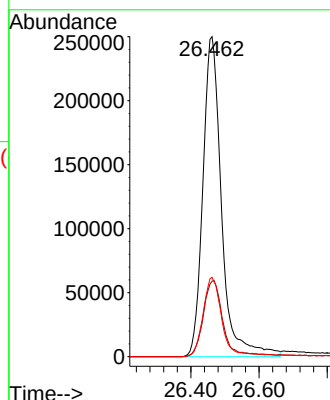
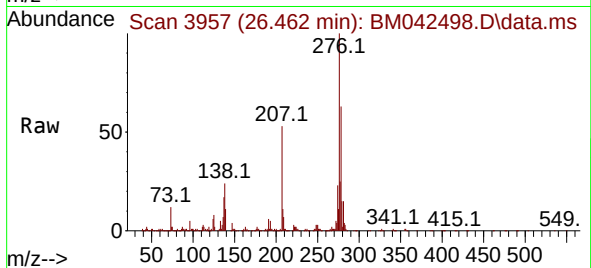
Tgt Ion:	276	Resp:	95297
Ion Ratio	Lower	Upper	
276	100		
138	25.2	20.6	31.0
277	25.1	19.5	29.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#88

Benzo(b)fluoranthene

Concen: 54.355 ng

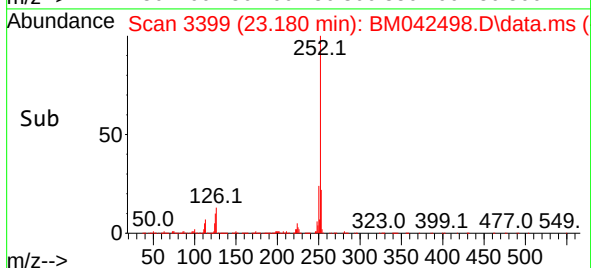
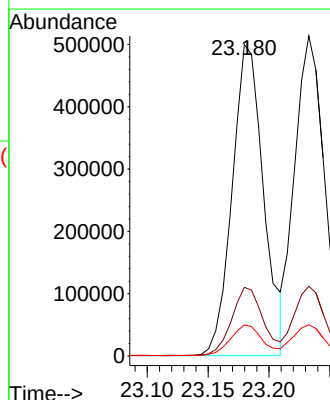
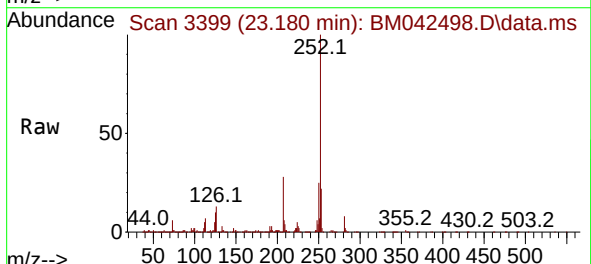
RT: 23.180 min Scan# 3399

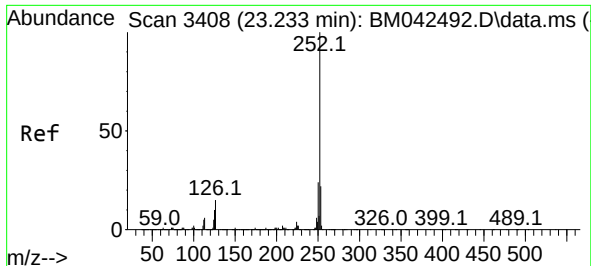
Delta R.T. -0.006 min

Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

Tgt Ion:	252	Resp:	894646
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.5	26.3
125	10.0	7.8	11.6





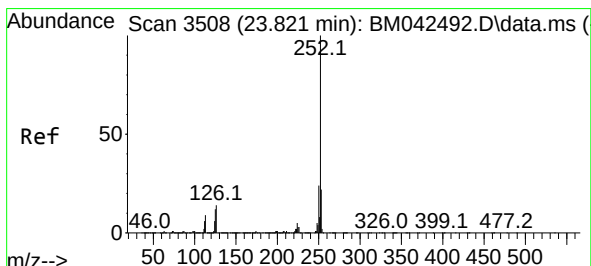
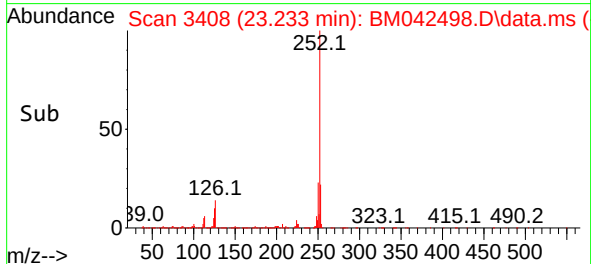
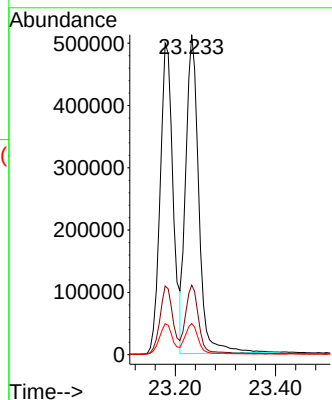
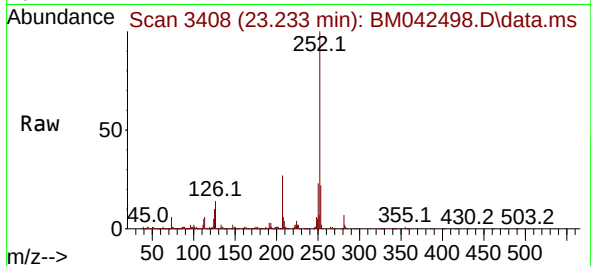
#89
Benzo(k)fluoranthene
Concen: 50.415 ng
RT: 23.233 min Scan# 3408
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Instrument :
BNA_M
ClientSampleId :
PB156526BS

Tgt Ion:252 Resp: 924659
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 9.8 8.2 12.4

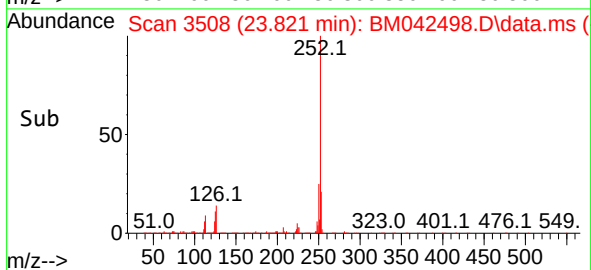
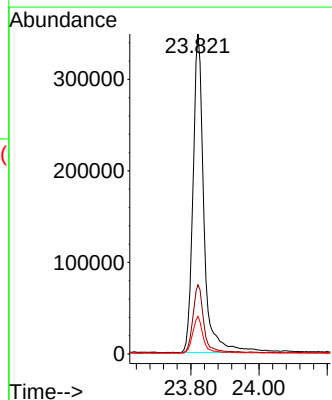
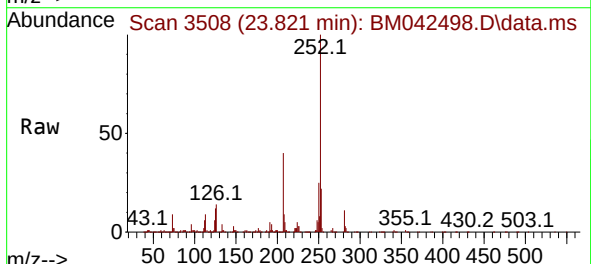
Manual Integrations
APPROVED

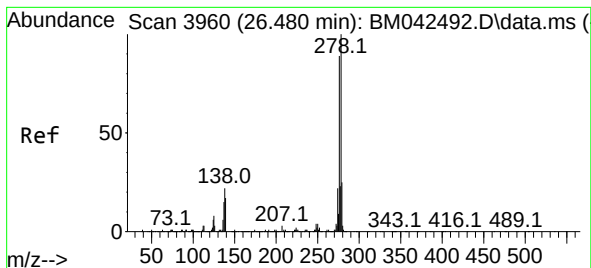
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#90
Benzo(a)pyrene
Concen: 47.897 ng
RT: 23.821 min Scan# 3508
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Tgt Ion:252 Resp: 776161
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 11.7 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 47.384 ng

RT: 26.480 min Scan# 3960

Delta R.T. -0.000 min

Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

Instrument :

BNA_M

ClientSampleId :

PB156526BS

Tgt Ion:278 Resp: 768238

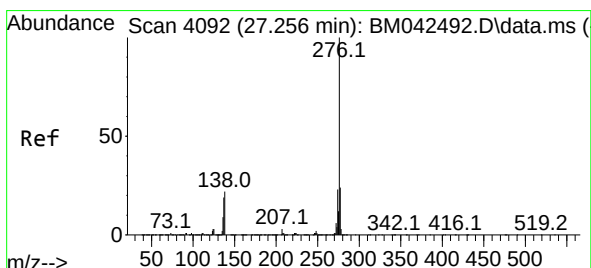
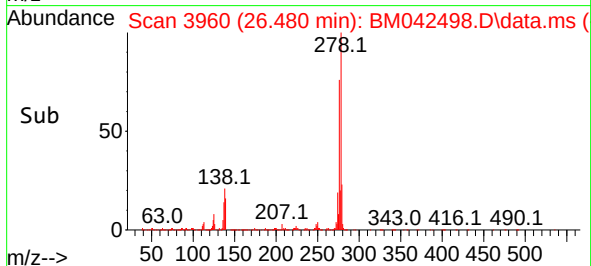
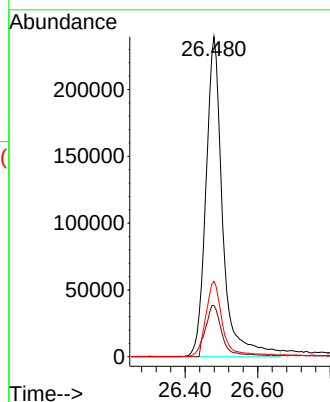
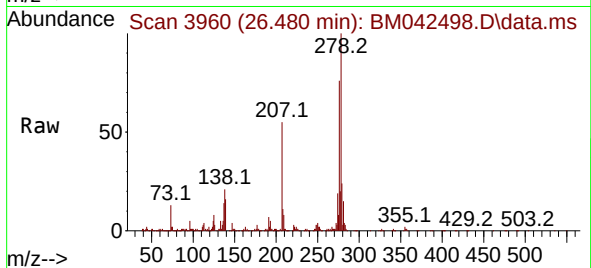
Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.4	20.2
279	23.6	19.7	29.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#92

Benzo(g,h,i)perylene

Concen: 53.639 ng

RT: 27.256 min Scan# 4092

Delta R.T. -0.000 min

Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

Tgt Ion:276 Resp: 831267

Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.2	28.8
138	21.0	17.3	25.9

