

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102723\
 Data File : BM042475.D
 Acq On : 27 Oct 2023 13:24
 Operator : MA/JU
 Sample : PB156565BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156565BS

Manual Integrations
 APPROVED

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

Quant Time: Oct 27 13:53:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 21 02:32:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	142274	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	636982	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	414434	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	932235	20.000	ng	0.00
76) Chrysene-d12	21.574	240	890657	20.000	ng	# 0.00
86) Perylene-d12	24.033	264	921884	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1404459	139.516	ng	0.00
7) Phenol-d6	7.151	99	1929284	143.010	ng	0.00
23) Nitrobenzene-d5	9.192	82	1228680	85.296	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	858229	183.425	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	2709803	88.049	ng	0.00
79) Terphenyl-d14	20.004	244	4955216	98.669	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	137051	28.912	ng	96
3) Pyridine	3.805	79	370870	26.667	ng	96
4) n-Nitrosodimethylamine	3.734	42	246211	35.064	ng	94
6) Aniline	7.334	93	523919	30.503	ng	98
8) 2-Chlorophenol	7.546	128	522397	52.298	ng	96
9) Benzaldehyde	7.151	77	75232	9.575	ng	99
10) Phenol	7.181	94	687568	49.324	ng	99
11) bis(2-Chloroethyl)ether	7.428	93	492817	43.061	ng	97
12) 1,3-Dichlorobenzene	7.869	146	493271	47.743	ng	97
13) 1,4-Dichlorobenzene	8.028	146	514042	49.426	ng	97
14) 1,2-Dichlorobenzene	8.340	146	496030	49.670	ng	98
15) Benzyl Alcohol	8.251	79	512944	51.292	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.522	45	787053	43.462	ng	98
17) 2-Methylphenol	8.434	107	460603	50.073	ng	97
18) Hexachloroethane	9.057	117	196910	49.181	ng	# 89
19) n-Nitroso-di-n-propyla...	8.810	70	438149	47.919	ng	97
20) 3+4-Methylphenols	8.769	107	638485	51.749	ng	99
22) Acetophenone	8.845	105	790627	45.496	ng	# 96
24) Nitrobenzene	9.240	77	633593	43.965	ng	96
25) Isophorone	9.745	82	1196723	48.885	ng	97
26) 2-Nitrophenol	9.939	139	292687	52.499	ng	92
27) 2,4-Dimethylphenol	9.975	122	477798	48.118	ng	98
28) bis(2-Chloroethoxy)met...	10.228	93	715603	46.139	ng	99
29) 2,4-Dichlorophenol	10.457	162	529359	61.302	ng	96
30) 1,2,4-Trichlorobenzene	10.663	180	502585	54.290	ng	97
31) Naphthalene	10.869	128	1581841	48.348	ng	100
32) Benzoic acid	10.139	122	447653	60.125	ng	99
33) 4-Chloroaniline	10.998	127	315718	22.226	ng	99
34) Hexachlorobutadiene	11.092	225	297759	59.440	ng	99
35) Caprolactam	11.839	113	203421m	57.943	ng	
36) 4-Chloro-3-methylphenol	12.104	107	614017	58.923	ng	97
37) 2-Methylnaphthalene	12.469	142	1106939	50.259	ng	98
38) 1-Methylnaphthalene	12.686	142	1082683	52.473	ng	99
40) 1,2,4,5-Tetrachloroben...	12.816	216	599577	50.043	ng	98
41) Hexachlorocyclopentadiene	12.763	237	481367	74.437	ng	97
43) 2,4,6-Trichlorophenol	13.069	196	444533	57.315	ng	100

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Manual Integrations
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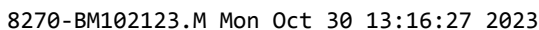
Quant Time: Oct 27 13:53:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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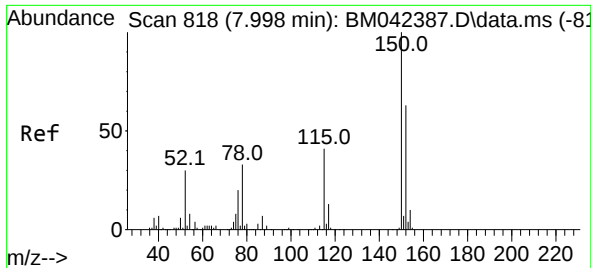
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.145	196	487401	53.161	ng	# 94
46) 1,1'-Biphenyl	13.475	154	1508407	45.880	ng	98
47) 2-Chloronaphthalene	13.522	162	1131499	46.910	ng	99
48) 2-Nitroaniline	13.763	65	450627	42.719	ng	88
49) Acenaphthylene	14.369	152	1957498	50.269	ng	100
50) Dimethylphthalate	14.104	163	1545790	50.850	ng	99
51) 2,6-Dinitrotoluene	14.251	165	344304	50.032	ng	# 81
52) Acenaphthene	14.704	154	1108433	47.082	ng	99
53) 3-Nitroaniline	14.586	138	283185	35.693	ng	98
54) 2,4-Dinitrophenol	14.792	184	499830	113.725	ng	89
55) Dibenzofuran	15.039	168	1814477	48.729	ng	97
56) 4-Nitrophenol	14.880	139	690039	111.454	ng	92
57) 2,4-Dinitrotoluene	15.033	165	480951	52.019	ng	83
58) Fluorene	15.686	166	1482943	50.469	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.257	232	438552	63.672	ng	88
60) Diethylphthalate	15.451	149	1550074	51.672	ng	98
61) 4-Chlorophenyl-phenyle...	15.674	204	756104	54.640	ng	92
62) 4-Nitroaniline	15.757	138	384578	49.145	ng	94
63) Azobenzene	15.969	77	1634847	45.424	ng	95
65) 4,6-Dinitro-2-methylph...	15.780	198	297114	49.656	ng	80
66) n-Nitrosodiphenylamine	15.904	169	1324134	47.158	ng	98
67) 4-Bromophenyl-phenylether	16.574	248	471636	54.587	ng	92
68) Hexachlorobenzene	16.657	284	551570	59.723	ng	# 91
69) Atrazine	16.851	200	494252	69.412	ng	99
70) Pentachlorophenol	17.021	266	820694	104.467	ng	99
71) Phenanthrene	17.433	178	2464750	48.601	ng	100
72) Anthracene	17.527	178	2470229	49.182	ng	99
73) Carbazole	17.810	167	2383308	50.581	ng	99
74) Di-n-butylphthalate	18.327	149	2892366	48.448	ng	99
75) Fluoranthene	19.445	202	3080556	55.154	ng	97
77) Benzidine	19.651	184	1176941	91.358	ng	99
78) Pyrene	19.809	202	3188838	51.236	ng	100
80) Butylbenzylphthalate	20.686	149	1401153	49.551	ng	# 90
81) Benzo(a)anthracene	21.556	228	3071375	51.440	ng	99
82) 3,3'-Dichlorobenzidine	21.498	252	1064948	59.748	ng	# 98
83) Chrysene	21.609	228	2763748	48.193	ng	99
84) Bis(2-ethylhexyl)phtha...	21.433	149	2002668	49.797	ng	# 95
85) Di-n-octyl phthalate	22.374	149	3422515	49.379	ng	95
87) Indeno(1,2,3-cd)pyrene	26.627	276	2930678	43.501	ng	# 92
88) Benzo(b)fluoranthene	23.274	252	2924414	52.701	ng	# 97
89) Benzo(k)fluoranthene	23.327	252	2728301	47.357	ng	# 96
90) Benzo(a)pyrene	23.927	252	2502111	46.847	ng	# 96
91) Dibenzo(a,h)anthracene	26.644	278	2461487	43.944	ng	# 95
92) Benzo(g,h,i)perylene	27.438	276	2274957	41.820	ng	# 92

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

Manual Integrations

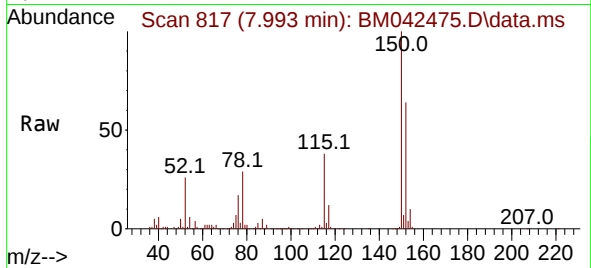
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.993 min Scan# 81
Delta R.T. -0.005 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

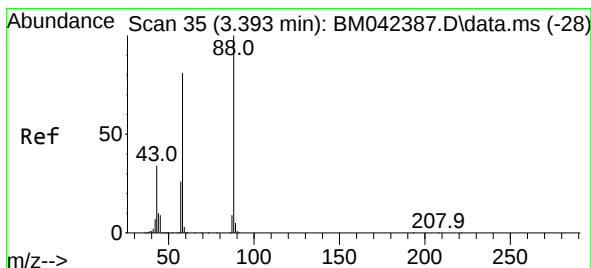
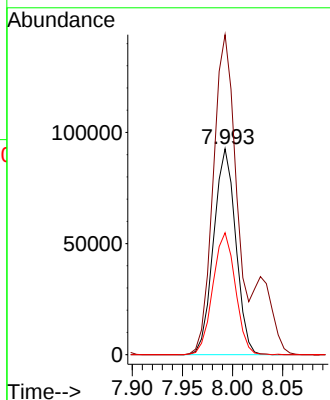
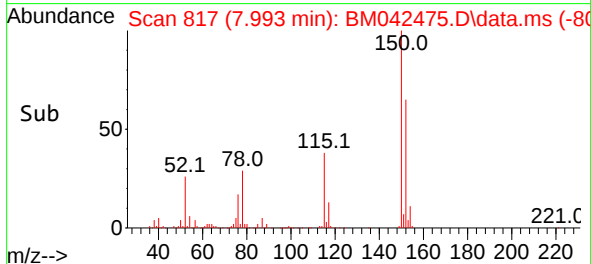
Instrument :
BNA_M
ClientSampleId :
PB156565BS



Tgt Ion:152 Resp: 142274
Ion Ratio Lower Upper
152 100
150 155.4 126.2 189.4
115 59.2 51.9 77.9

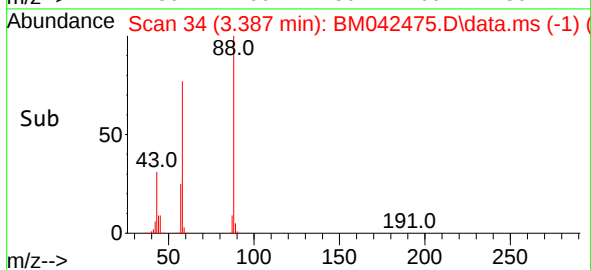
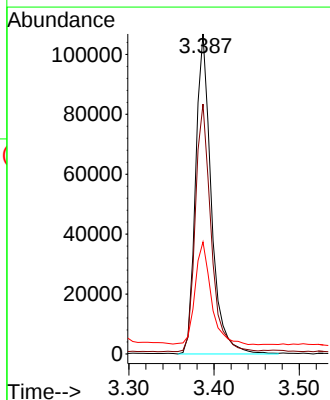
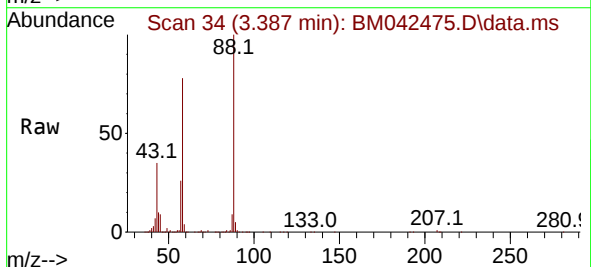
Manual Integrations
APPROVED

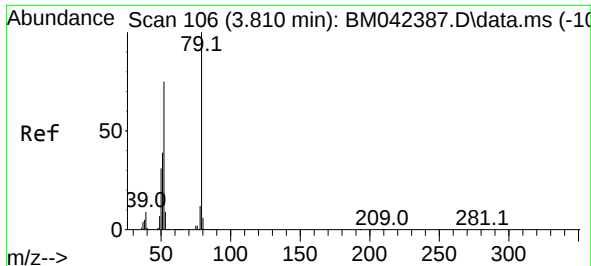
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#2
1,4-Dioxane
Concen: 28.912 ng
RT: 3.387 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

Tgt Ion: 88 Resp: 137051
Ion Ratio Lower Upper
88 100
58 77.1 64.9 97.3
43 32.7 27.8 41.8





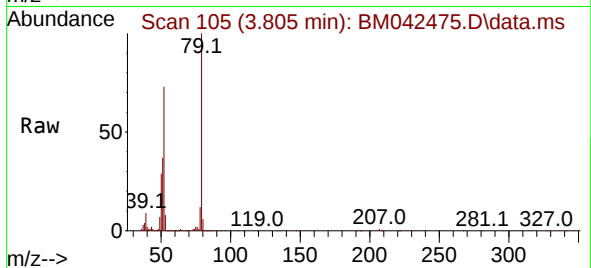
#3
Pyridine
Concen: 26.667 ng
RT: 3.805 min Scan# 106
Delta R.T. -0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

Instrument :

BNA_M

ClientSampleId :

PB156565BS



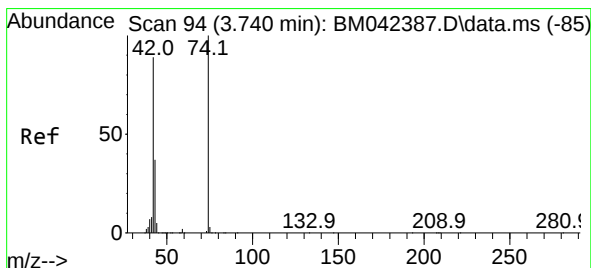
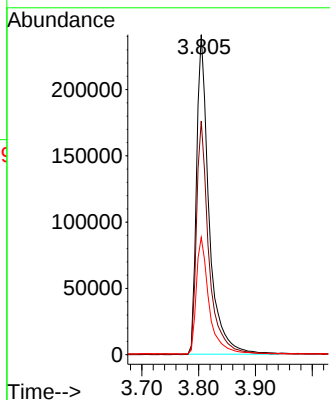
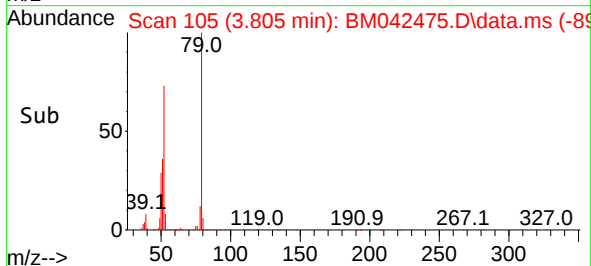
Tgt Ion: 79 Resp: 370870
Ion Ratio Lower Upper
79 100
52 73.0 60.3 90.5
51 36.7 32.0 48.0

Manual Integrations

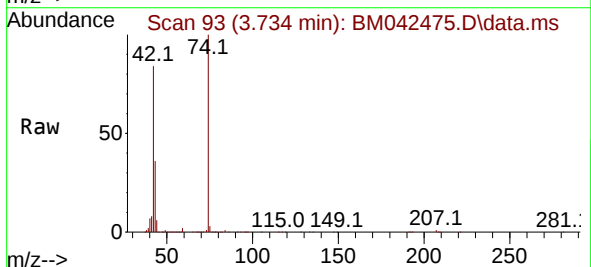
APPROVED

Reviewed By :Yogesh Patel 10/31/2023

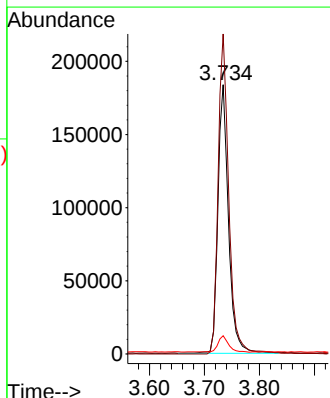
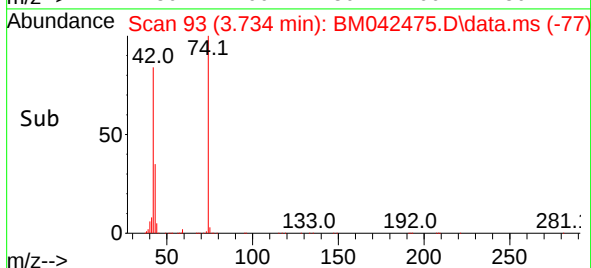
Supervised By :mohammad ahmed 10/31/2023

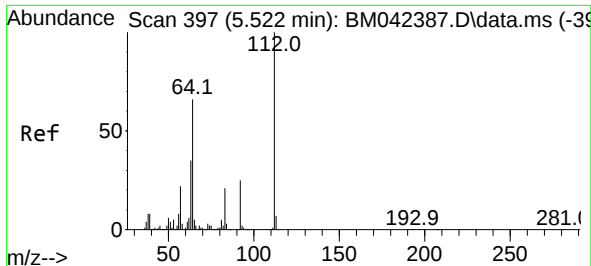


#4
n-Nitrosodimethylamine
Concen: 35.064 ng
RT: 3.734 min Scan# 93
Delta R.T. -0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24



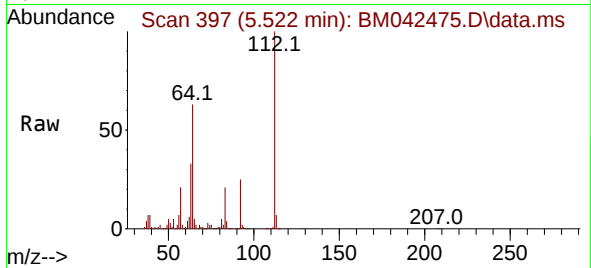
Tgt Ion: 42 Resp: 246211
Ion Ratio Lower Upper
42 100
74 118.8 89.4 134.2
44 6.8 5.4 8.0





#5
2-Fluorophenol
Concen: 139.516 ng
RT: 5.522 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

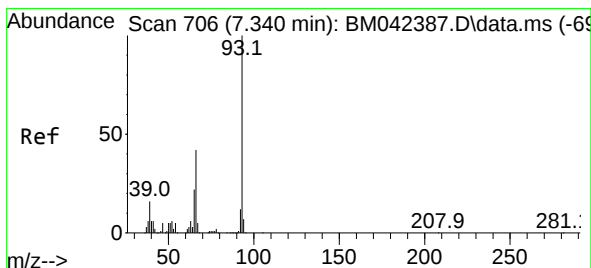
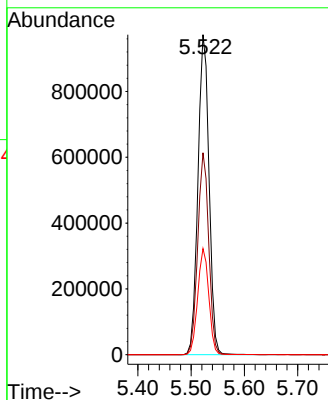
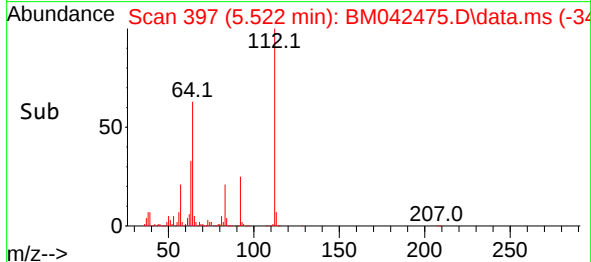
Instrument :
BNA_M
ClientSampleId :
PB156565BS



Tgt Ion: 112 Resp: 140445
Ion Ratio Lower Upper
112 100
64 63.1 52.7 79.1
63 33.2 28.3 42.5

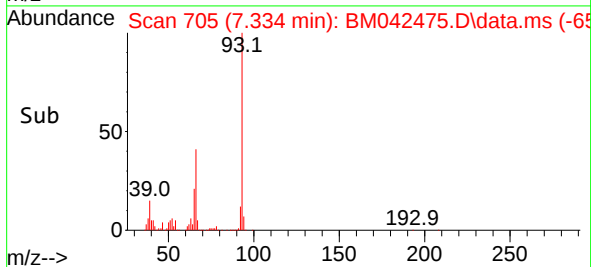
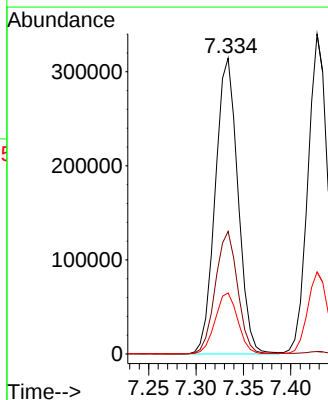
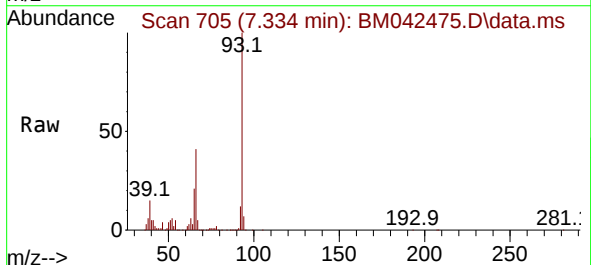
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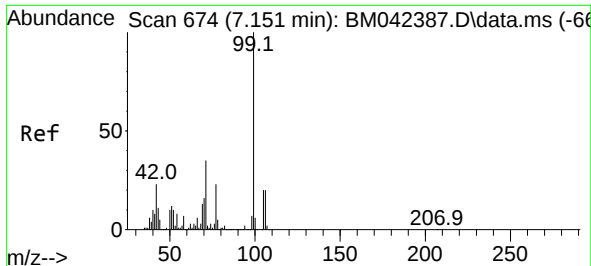
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#6
Aniline
Concen: 30.503 ng
RT: 7.334 min Scan# 705
Delta R.T. -0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

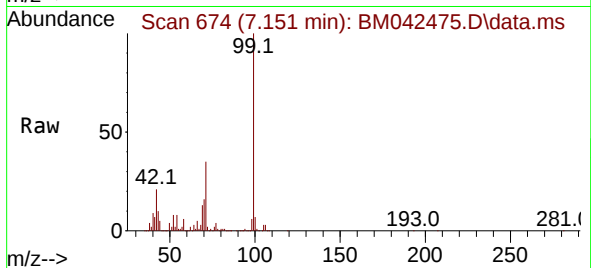
Tgt Ion: 93 Resp: 523919
Ion Ratio Lower Upper
93 100
66 41.4 33.8 50.8
65 20.6 17.4 26.2





#7
Phenol-d6
Concen: 143.010 ng
RT: 7.151 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

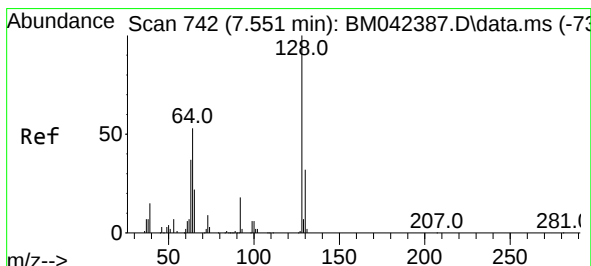
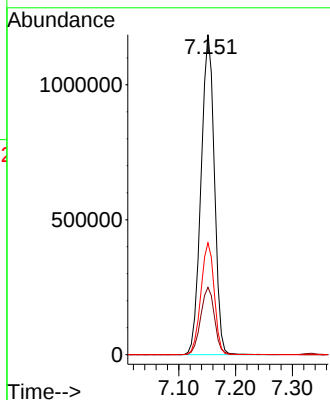
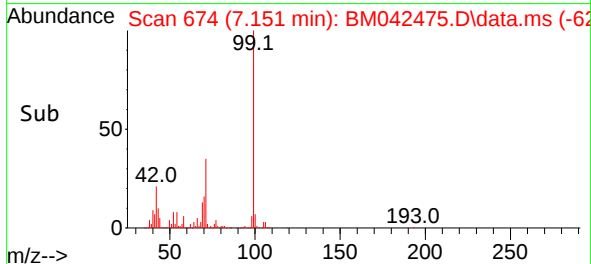
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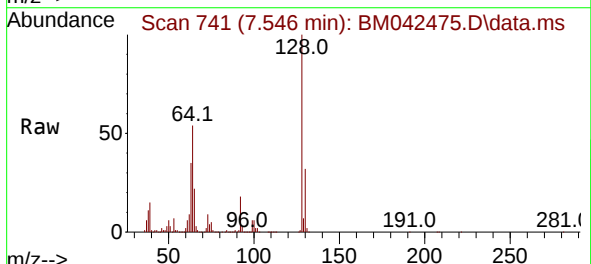
Tgt Ion: 99 Resp: 1929284
Ion Ratio Lower Upper
99 100
42 21.0 18.5 27.7
71 35.0 27.7 41.5

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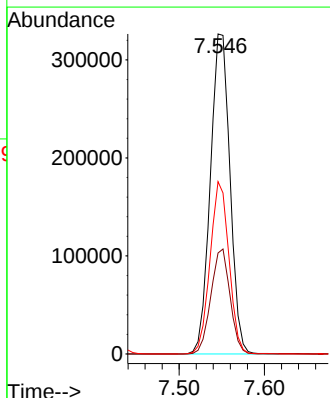
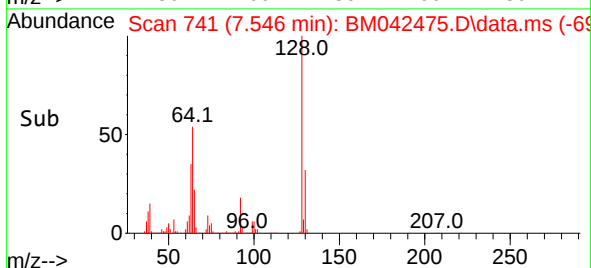
Reviewed By :Yogesh Patel 10/31/2023
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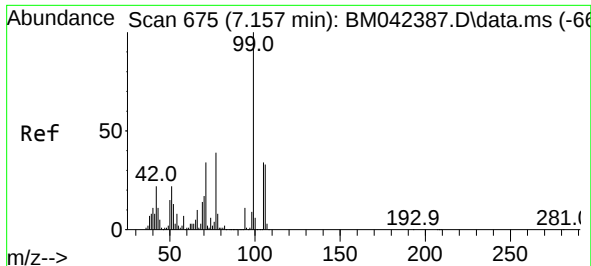


#8
2-Chlorophenol
Concen: 52.298 ng
RT: 7.546 min Scan# 741
Delta R.T. -0.005 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24



Tgt Ion:128 Resp: 522397
Ion Ratio Lower Upper
128 100
130 31.6 12.1 52.1
64 53.8 38.2 78.2





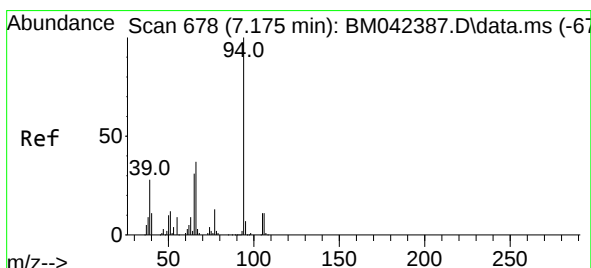
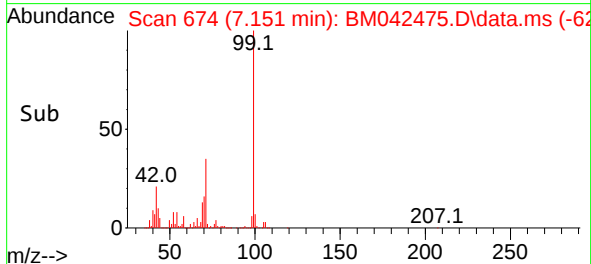
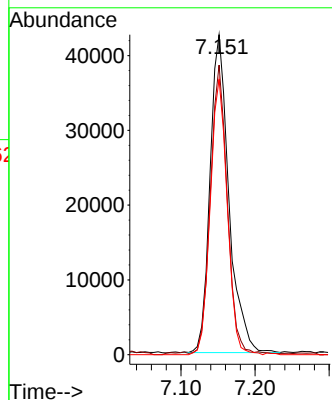
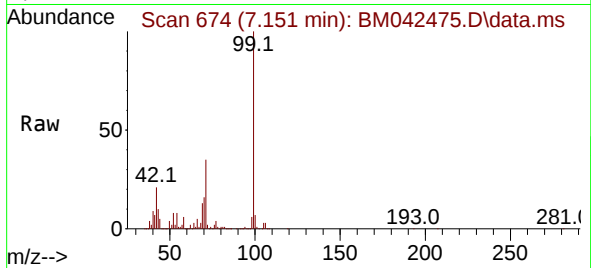
#9
Benzaldehyde
Concen: 9.575 ng
RT: 7.151 min Scan# 612
Delta R.T. -0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

Instrument :
BNA_M
ClientSampleId :
PB156565BS

Tgt Ion: 77 Resp: 75232
Ion Ratio Lower Upper
77 100
105 90.5 68.7 108.7
106 86.1 65.8 105.8

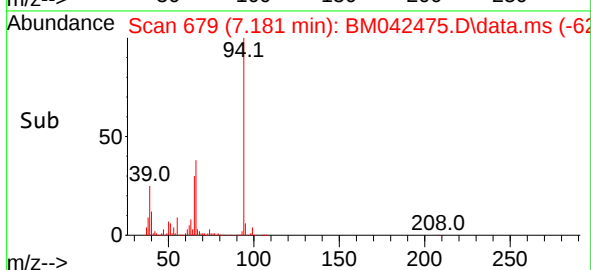
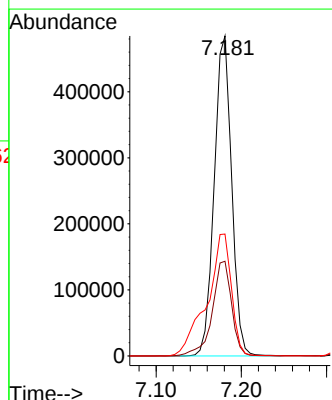
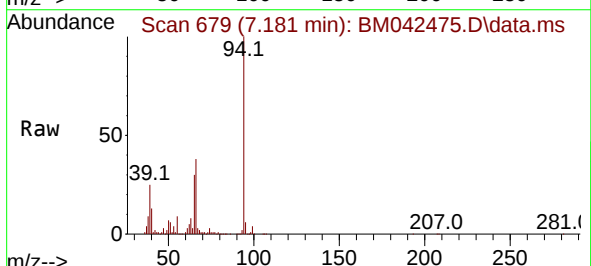
Manual Integrations
APPROVED

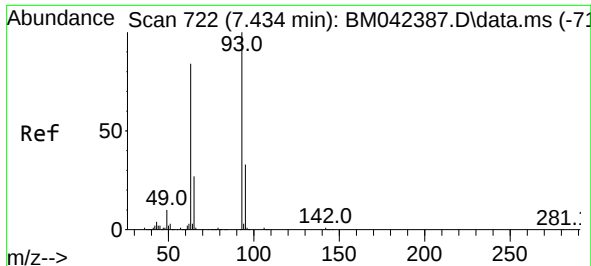
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#10
Phenol
Concen: 49.324 ng
RT: 7.181 min Scan# 679
Delta R.T. 0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

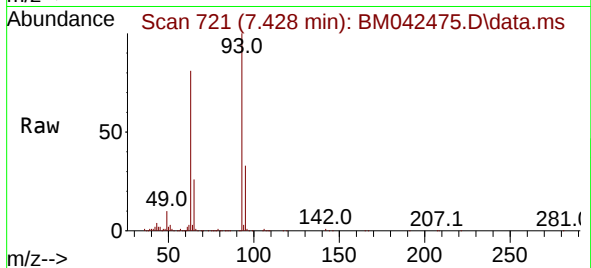
Tgt Ion: 94 Resp: 687568
Ion Ratio Lower Upper
94 100
65 29.6 10.9 50.9
66 38.1 18.2 58.2





#11
bis(2-Chloroethyl)ether
Concen: 43.061 ng
RT: 7.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

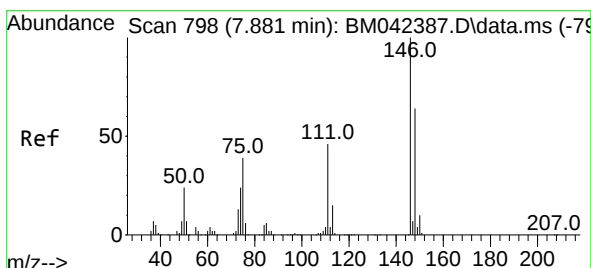
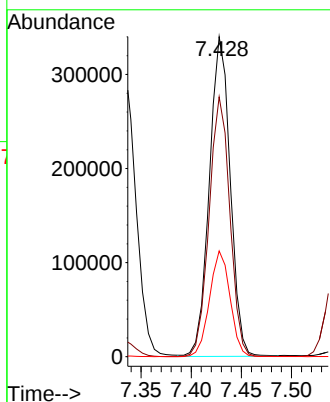
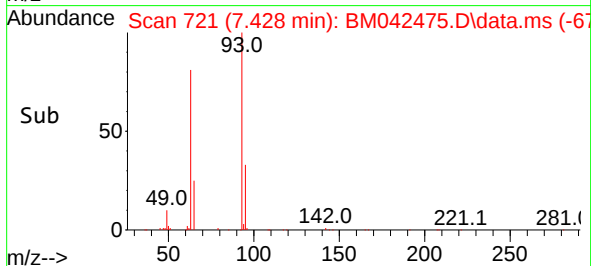
Instrument :
BNA_M
ClientSampleId :
PB156565BS



Tgt Ion: 93 Resp: 49281
Ion Ratio Lower Upper
93 100
63 81.2 64.2 104.2
95 33.1 12.6 52.6

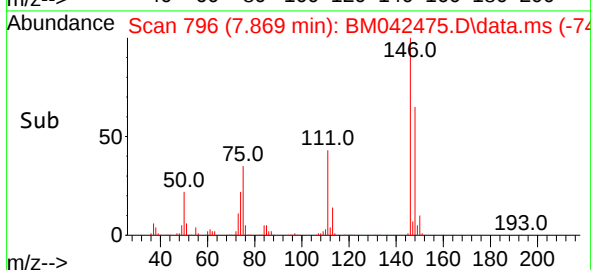
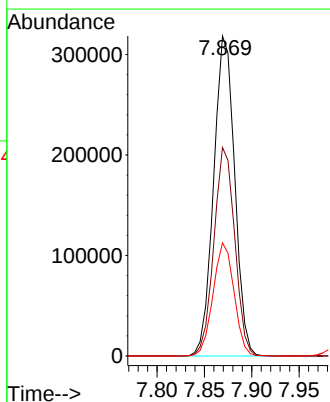
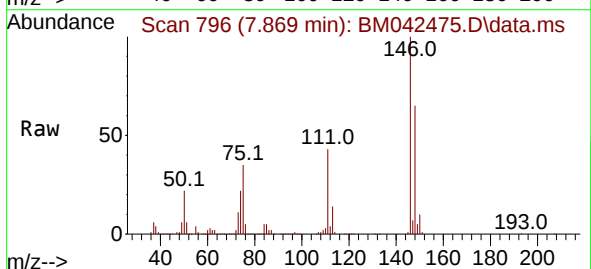
Manual Integrations
APPROVED

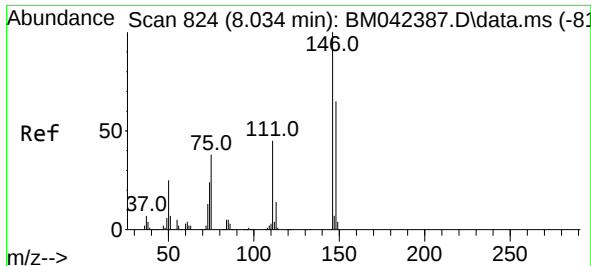
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#12
1,3-Dichlorobenzene
Concen: 47.743 ng
RT: 7.869 min Scan# 796
Delta R.T. -0.012 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

Tgt Ion:146 Resp: 493271
Ion Ratio Lower Upper
146 100
148 65.1 51.4 77.2
75 35.3 30.9 46.3





#13

1,4-Dichlorobenzene

Concen: 49.426 ng

RT: 8.028 min Scan# 81

Delta R.T. -0.006 min

Lab File: BM042475.D

Acq: 27 Oct 2023 13:24

Instrument :

BNA_M

ClientSampleId :

PB156565BS

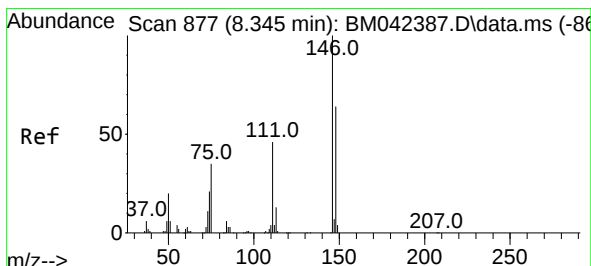
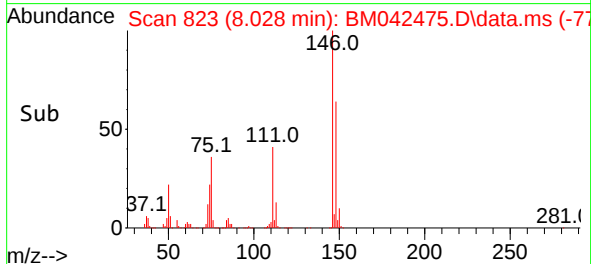
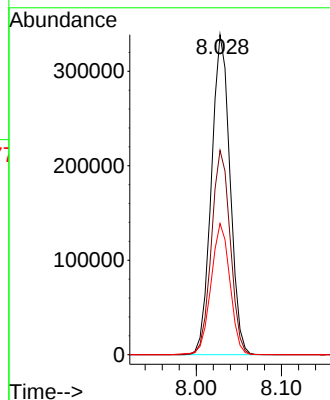
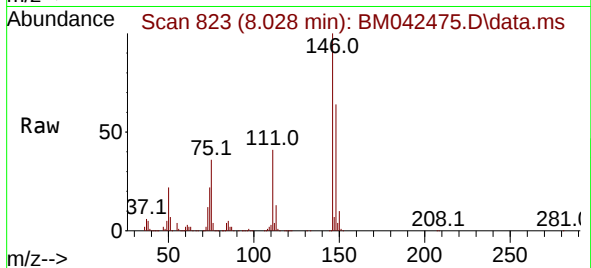
Tgt Ion:146 Resp: 51404
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.8 77.6
 111 41.0 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#14

1,2-Dichlorobenzene

Concen: 49.670 ng

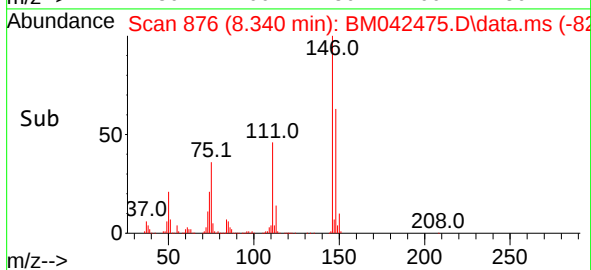
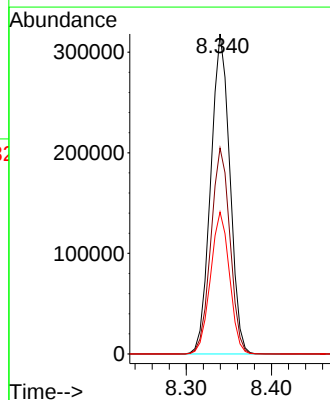
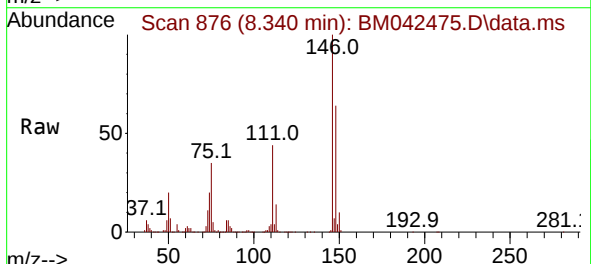
RT: 8.340 min Scan# 876

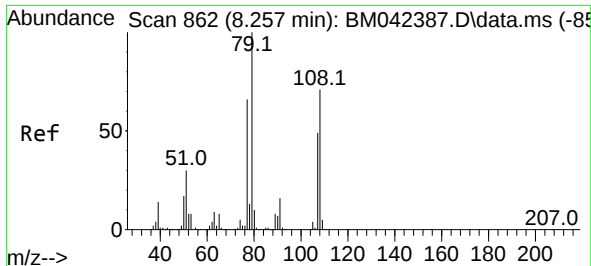
Delta R.T. -0.006 min

Lab File: BM042475.D

Acq: 27 Oct 2023 13:24

Tgt Ion:146 Resp: 496030
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.0 76.4
 111 44.4 37.2 55.8





#15
Benzyl Alcohol
Concen: 51.292 ng
RT: 8.251 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

Instrument :

BNA_M

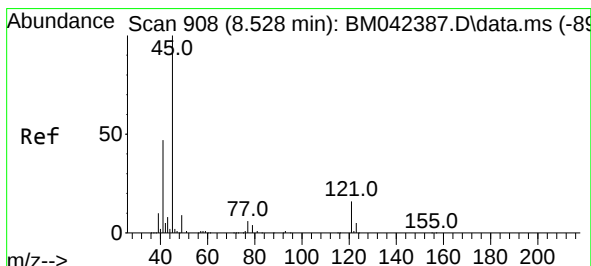
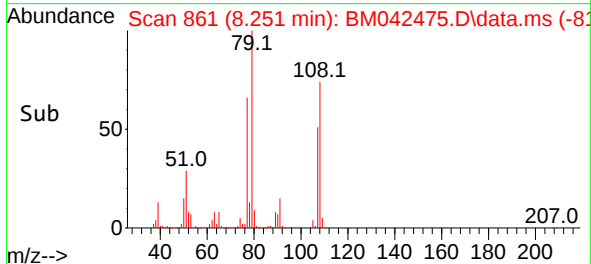
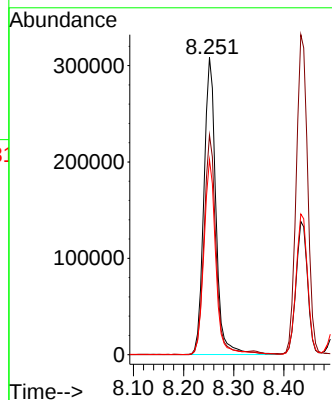
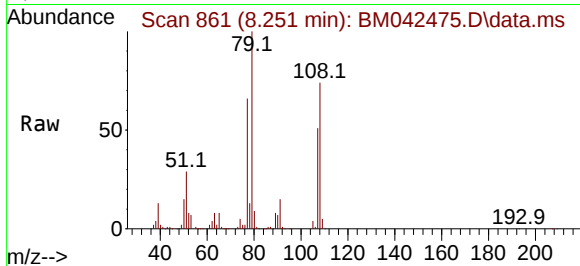
ClientSampleId :

PB156565BS

Tgt Ion: 79 Resp: 512944
Ion Ratio Lower Upper
79 100
108 73.9 57.1 85.7
77 65.6 52.9 79.3

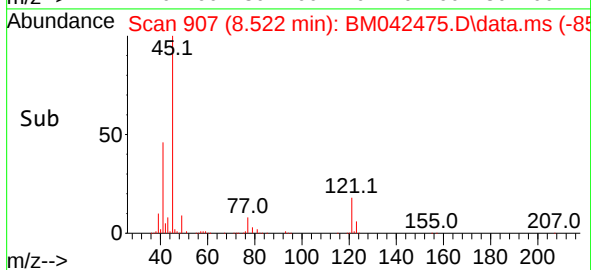
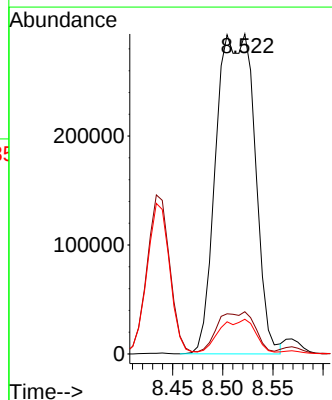
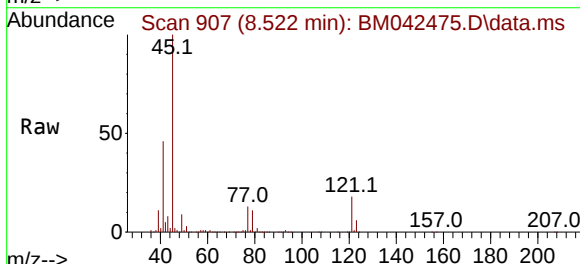
Manual Integrations
APPROVED

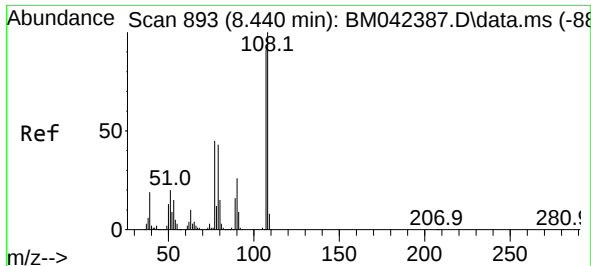
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.462 ng
RT: 8.522 min Scan# 907
Delta R.T. -0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

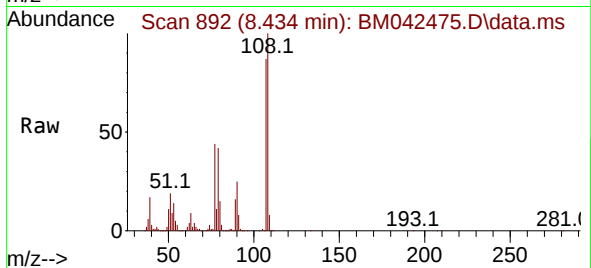
Tgt Ion: 45 Resp: 787053
Ion Ratio Lower Upper
45 100
77 13.2 0.0 32.2
79 10.9 0.0 30.4





#17
2-Methylphenol
Concen: 50.073 ng
RT: 8.434 min Scan# 893
Delta R.T. -0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

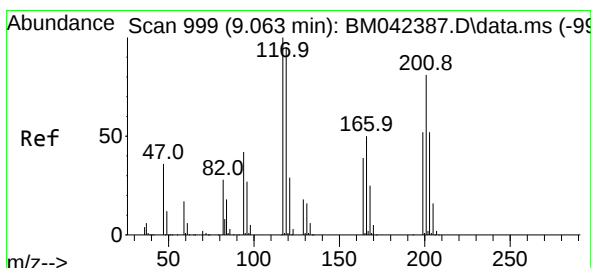
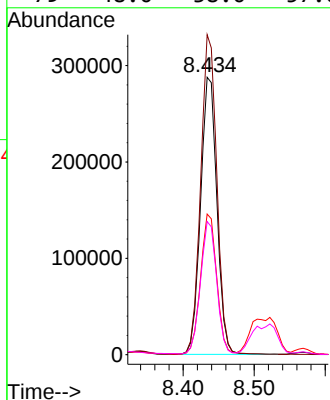
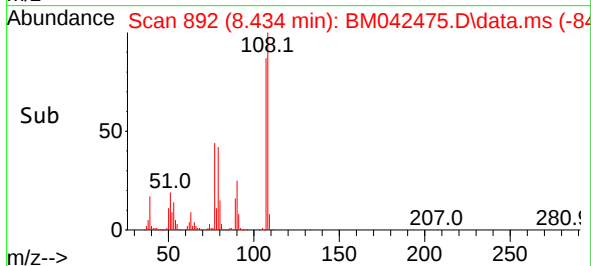
Instrument :
BNA_M
ClientSampleId :
PB156565BS



Tgt Ion:107 Resp: 46060
Ion Ratio Lower Upper
107 100
108 115.3 88.2 132.4
77 50.7 40.1 60.1
79 48.0 38.0 57.0

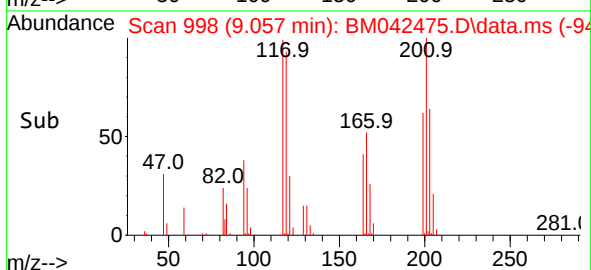
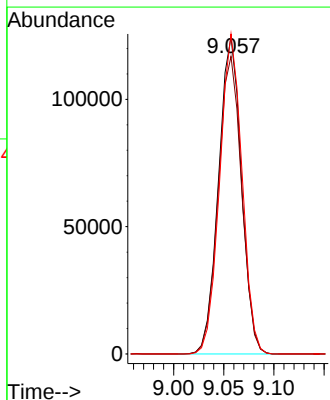
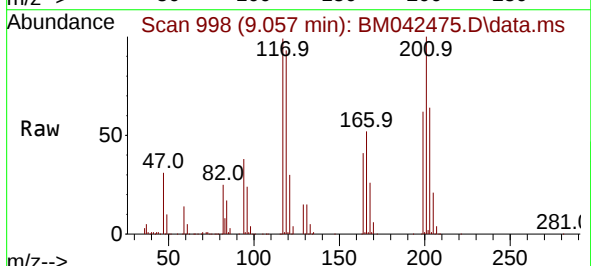
Manual Integrations
APPROVED

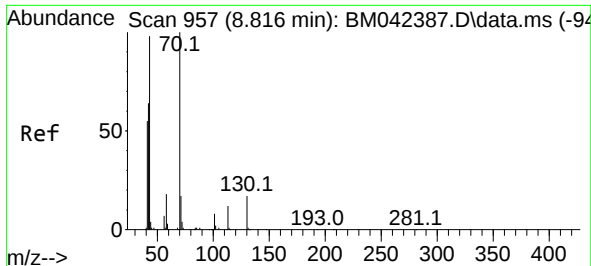
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#18
Hexachloroethane
Concen: 49.181 ng
RT: 9.057 min Scan# 998
Delta R.T. -0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

Tgt Ion:117 Resp: 196910
Ion Ratio Lower Upper
117 100
119 93.9 75.9 113.9
201 100.9 64.6 97.0





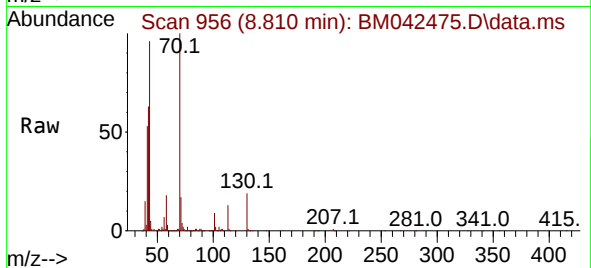
#19
n-Nitroso-di-n-propylamine
Concen: 47.919 ng
RT: 8.810 min Scan# 957
Delta R.T. -0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

Instrument :

BNA_M

ClientSampleId :

PB156565BS



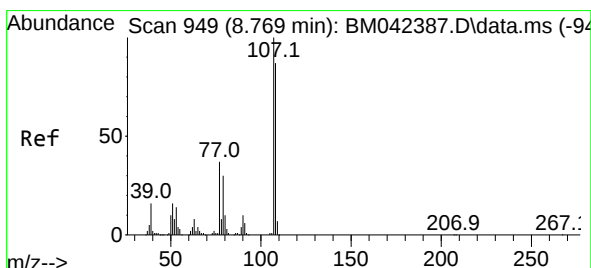
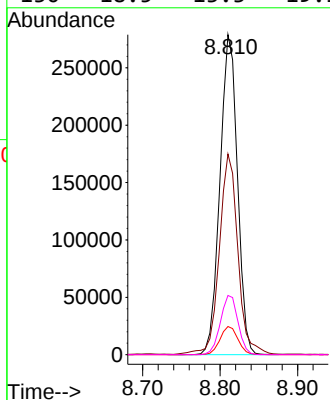
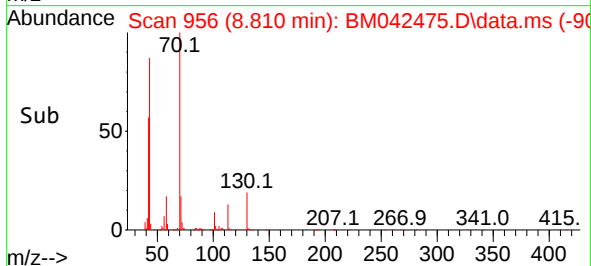
Tgt Ion: 70 Resp: 438149
Ion Ratio Lower Upper
70 100
42 62.7 52.1 78.1
101 8.8 6.5 9.7
130 18.5 13.3 19.9

Manual Integrations

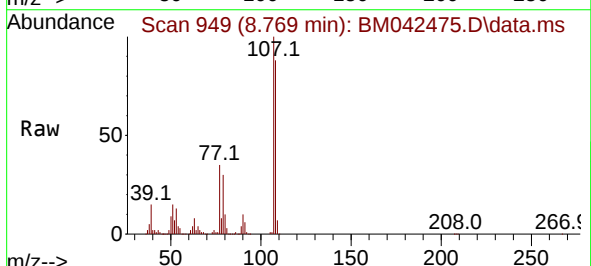
APPROVED

Reviewed By :Yogesh Patel 10/31/2023

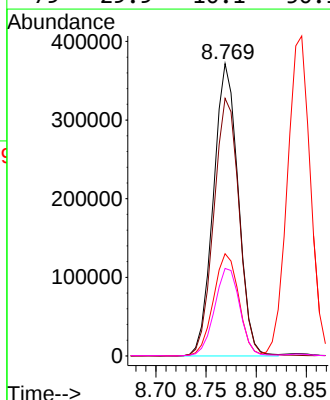
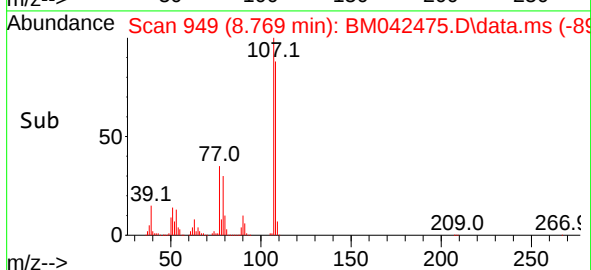
Supervised By :mohammad ahmed 10/31/2023

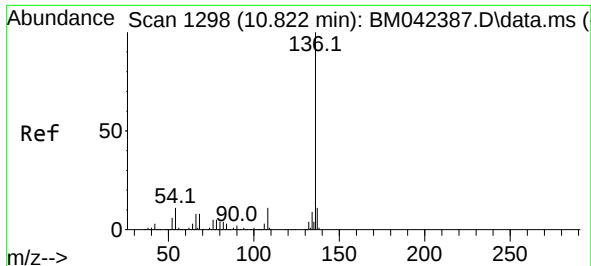


#20
3+4-Methylphenols
Concen: 51.749 ng
RT: 8.769 min Scan# 949
Delta R.T. 0.000 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24



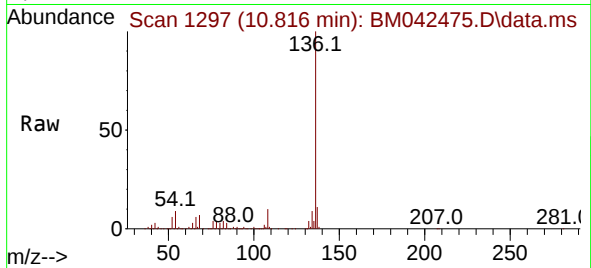
Tgt Ion:107 Resp: 638485
Ion Ratio Lower Upper
107 100
108 88.1 67.2 107.2
77 35.0 16.8 56.8
79 29.9 10.1 50.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

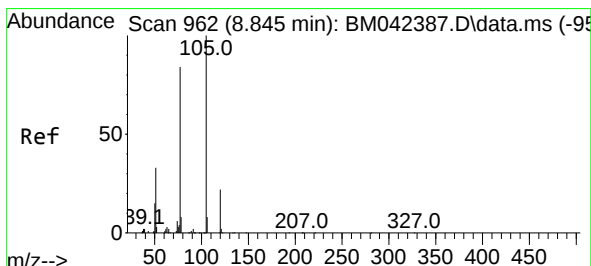
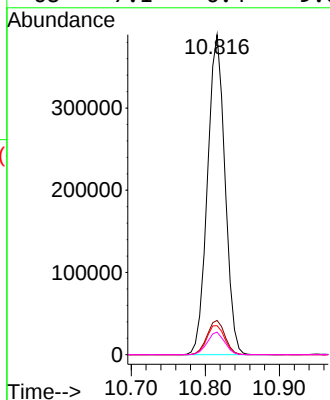
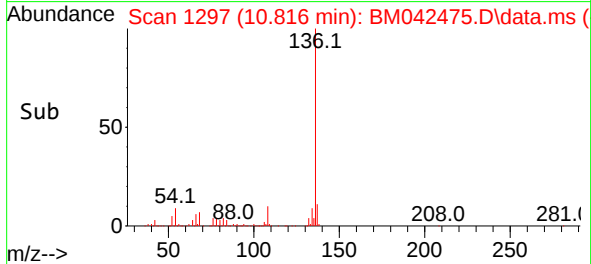
Instrument :
BNA_M
ClientSampleId :
PB156565BS



Tgt Ion:136 Resp: 63698
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 9.1 8.6 12.8
68 7.1 6.4 9.6

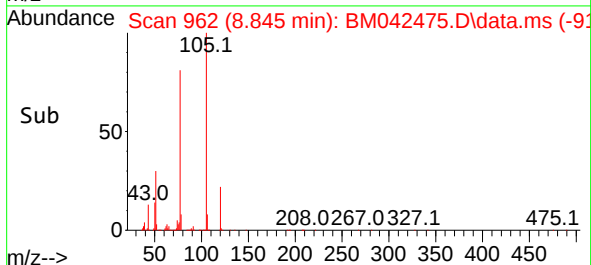
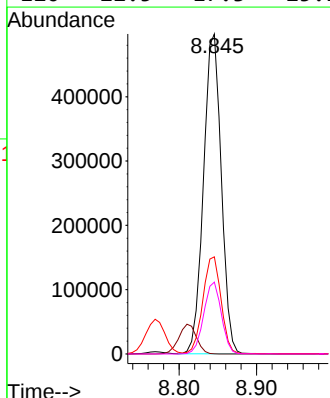
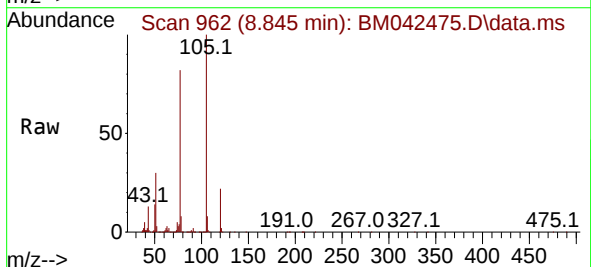
Manual Integrations
APPROVED

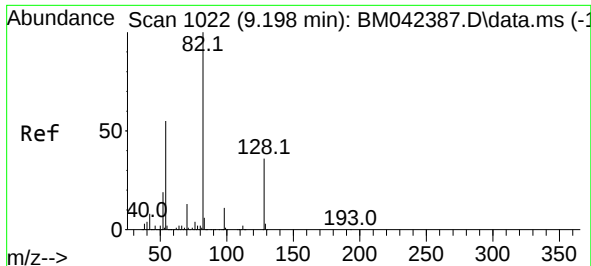
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#22
Acetophenone
Concen: 45.496 ng
RT: 8.845 min Scan# 962
Delta R.T. 0.000 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

Tgt Ion:105 Resp: 790627
Ion Ratio Lower Upper
105 100
71 0.1 0.1 0.1#
51 30.4 27.1 40.7
120 22.5 17.3 25.9





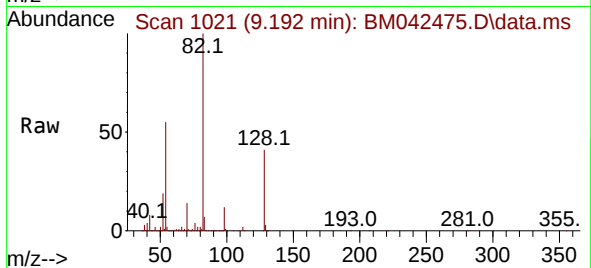
#23
Nitrobenzene-d5
Concen: 85.296 ng
RT: 9.192 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

Instrument :

BNA_M

ClientSampleId :

PB156565BS



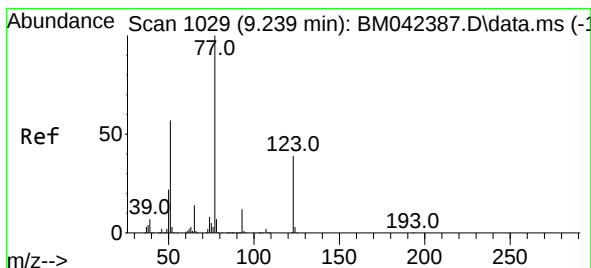
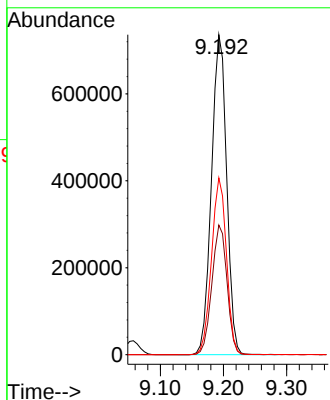
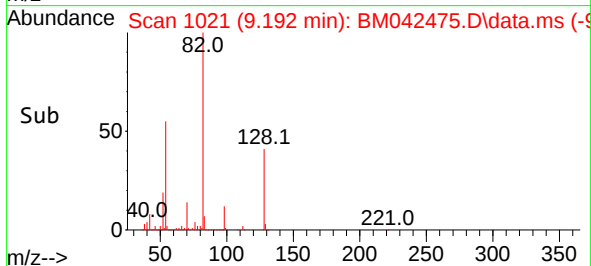
Tgt Ion: 82 Resp: 1228680
Ion Ratio Lower Upper
82 100
128 40.5 29.0 43.6
54 55.3 43.7 65.5

Manual Integrations

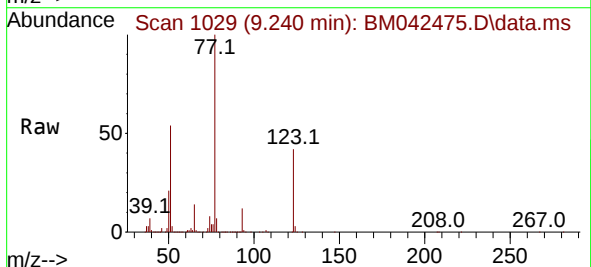
APPROVED

Reviewed By :Yogesh Patel 10/31/2023

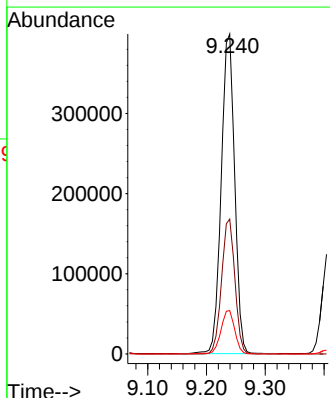
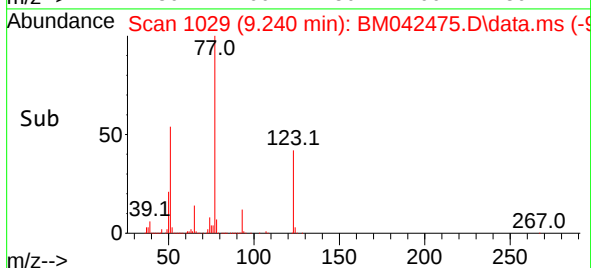
Supervised By :mohammad ahmed 10/31/2023

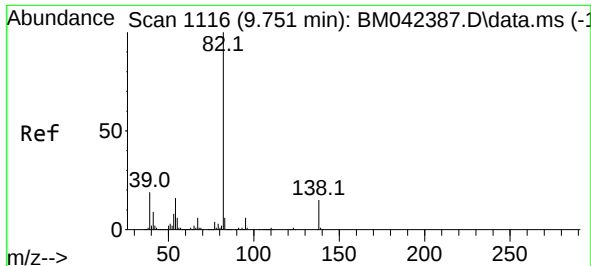


#24
Nitrobenzene
Concen: 43.965 ng
RT: 9.240 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24



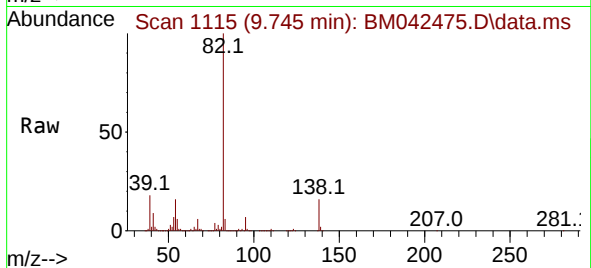
Tgt Ion: 77 Resp: 633593
Ion Ratio Lower Upper
77 100
123 42.2 31.2 46.8
65 13.6 11.4 17.0





#25
Isophorone
Concen: 48.885 ng
RT: 9.745 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

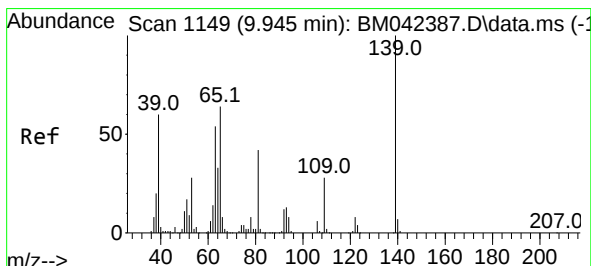
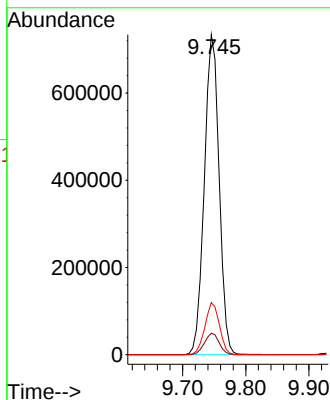
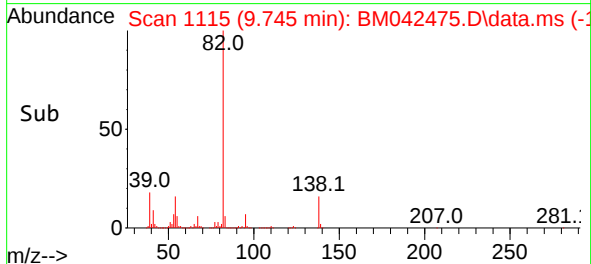
Instrument :
BNA_M
ClientSampleId :
PB156565BS



Tgt Ion: 82 Resp: 119672
Ion Ratio Lower Upper
82 100
95 6.7 5.1 7.7
138 16.3 11.8 17.6

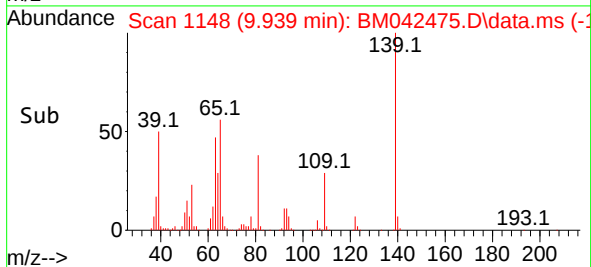
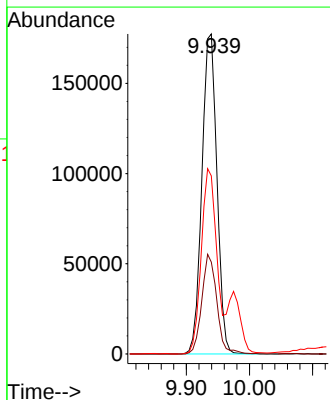
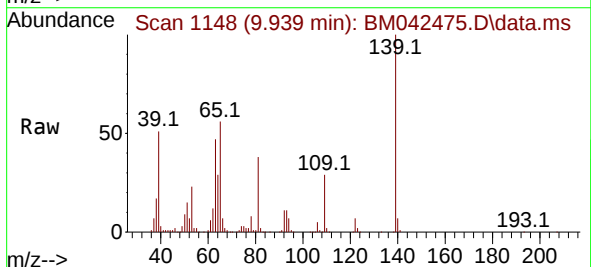
Manual Integrations
APPROVED

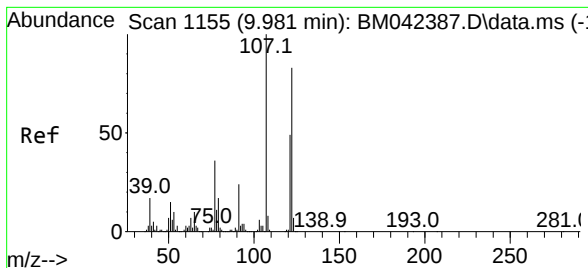
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#26
2-Nitrophenol
Concen: 52.499 ng
RT: 9.939 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

Tgt Ion:139 Resp: 292687
Ion Ratio Lower Upper
139 100
109 28.7 22.3 33.5
65 55.7 51.1 76.7





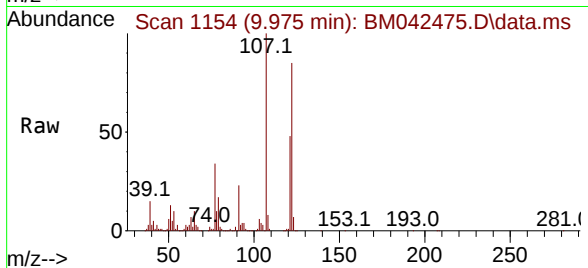
#27
2,4-Dimethylphenol
Concen: 48.118 ng
RT: 9.975 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

Instrument :

BNA_M

ClientSampleId :

PB156565BS



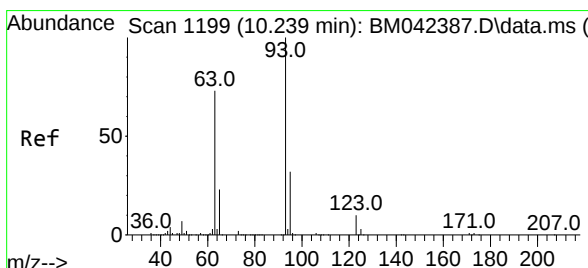
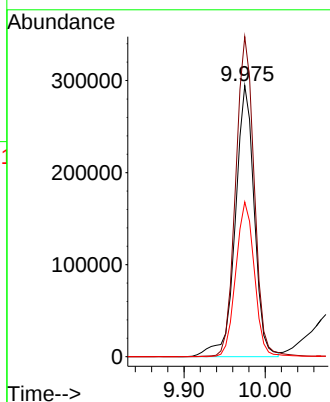
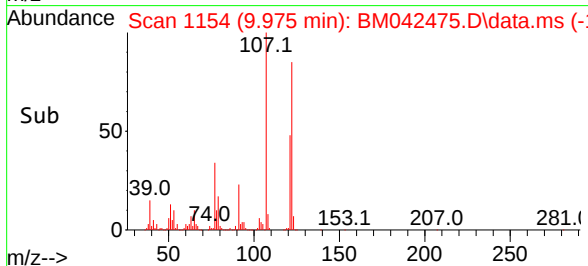
Tgt Ion:122 Resp: 477798
Ion Ratio Lower Upper
122 100
107 118.0 96.3 144.5
121 57.1 47.0 70.6

Manual Integrations

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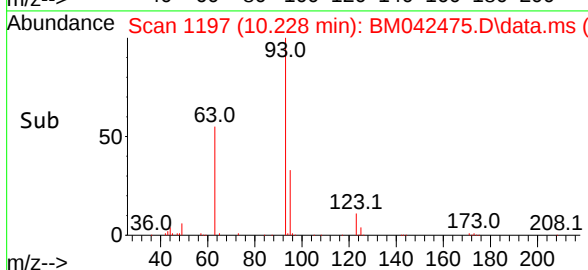
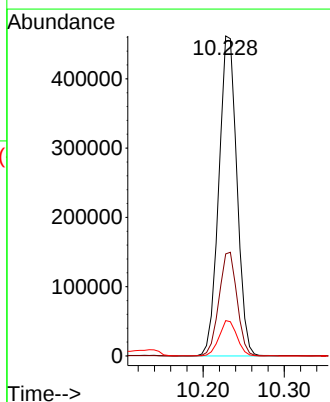
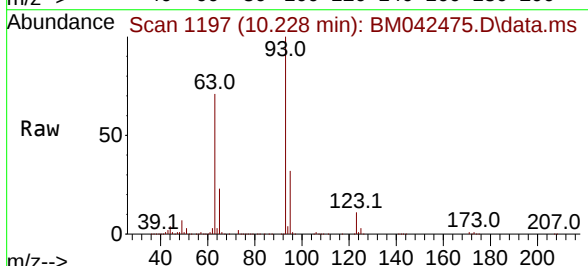
Reviewed By :Yogesh Patel 10/31/2023

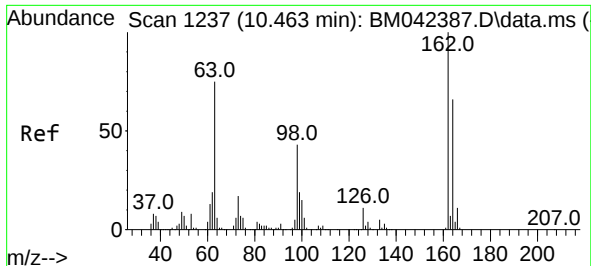
Supervised By :mohammad ahmed 10/31/2023



#28
bis(2-Chloroethoxy)methane
Concen: 46.139 ng
RT: 10.228 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

Tgt Ion: 93 Resp: 715603
Ion Ratio Lower Upper
93 100
95 31.9 25.8 38.6
123 11.1 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 61.302 ng

RT: 10.457 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BM042475.D

Acq: 27 Oct 2023 13:24

Instrument :

BNA_M

ClientSampleId :

PB156565BS

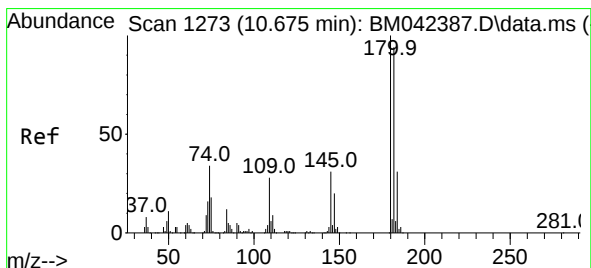
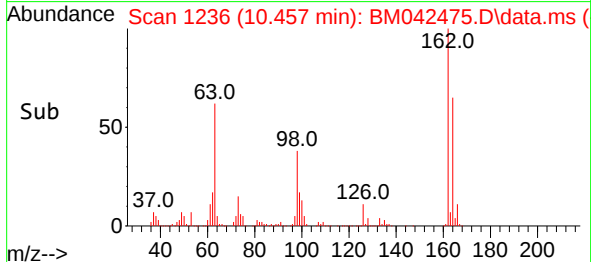
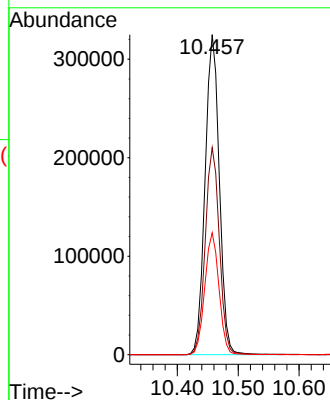
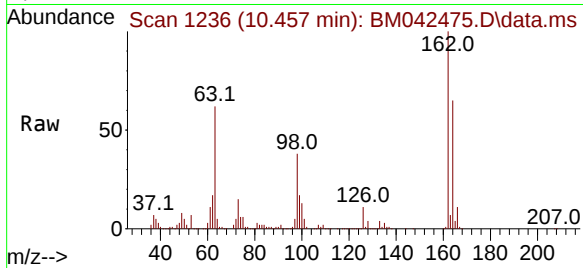
Tgt Ion:	162	Resp:	52935
Ion Ratio	Lower	Upper	
162	100		
164	64.7	45.9	85.9
98	38.1	23.4	63.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#30

1,2,4-Trichlorobenzene

Concen: 54.290 ng

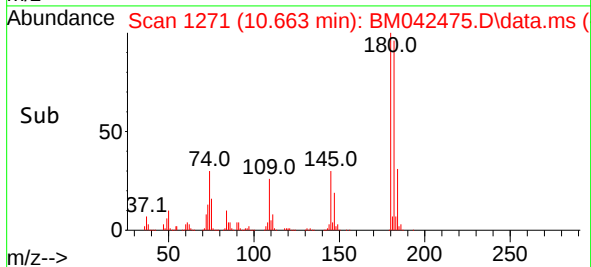
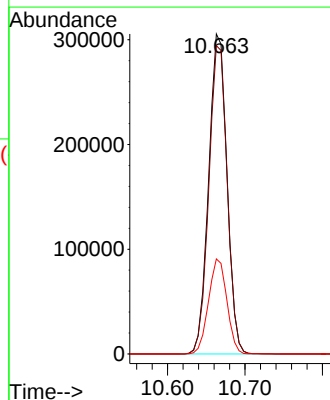
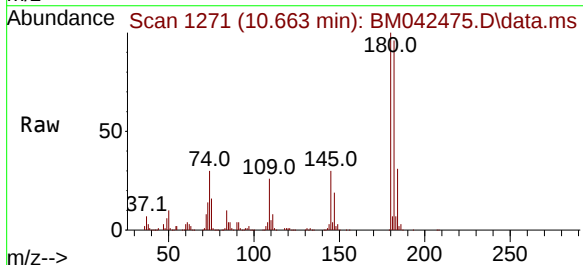
RT: 10.663 min Scan# 1271

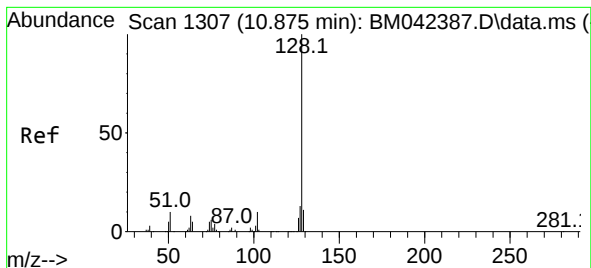
Delta R.T. -0.012 min

Lab File: BM042475.D

Acq: 27 Oct 2023 13:24

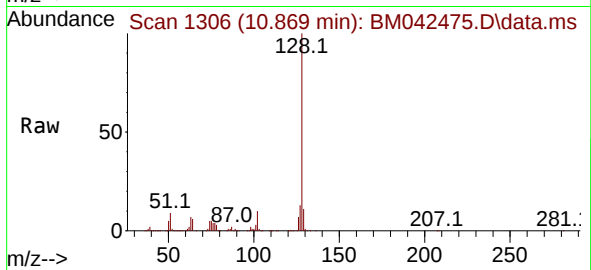
Tgt Ion:	180	Resp:	502585
Ion Ratio	Lower	Upper	
180	100		
182	96.4	75.0	112.4
145	29.7	24.6	36.8





#31
Naphthalene
Concen: 48.348 ng
RT: 10.869 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

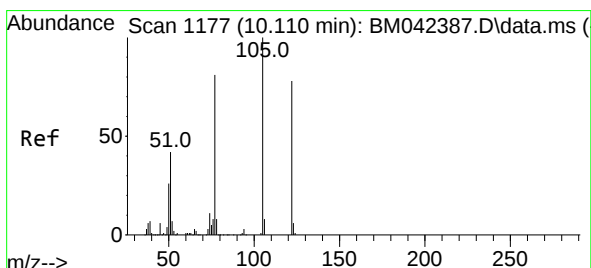
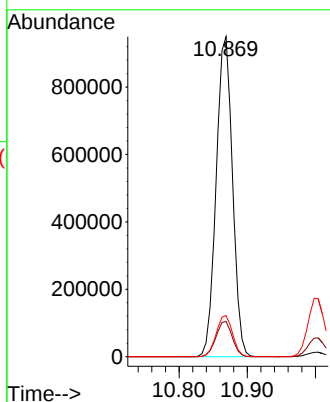
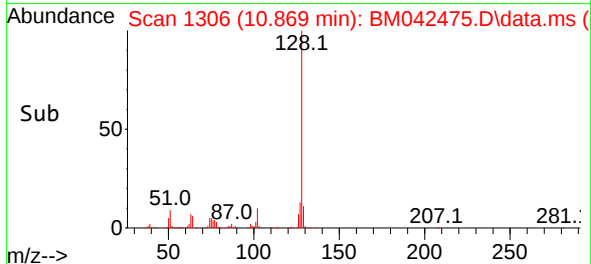
Instrument :
BNA_M
ClientSampleId :
PB156565BS



Tgt Ion:128 Resp: 158184
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.9 10.4 15.6

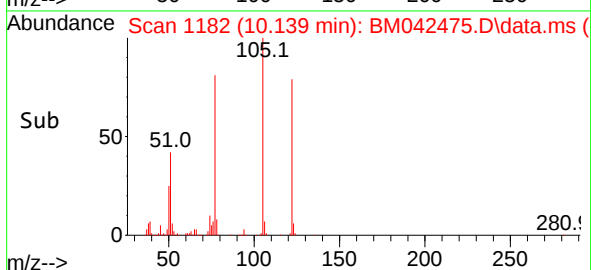
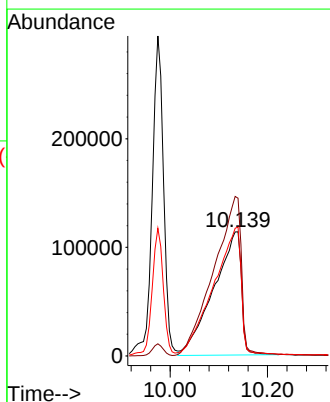
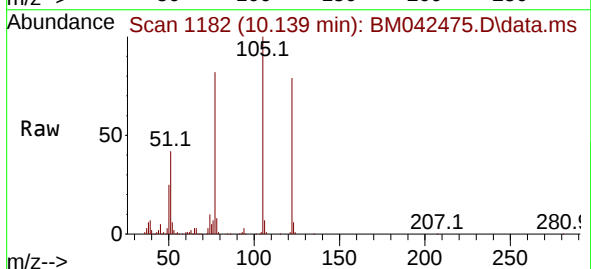
Manual Integrations
APPROVED

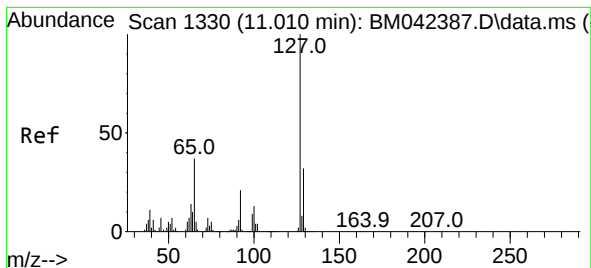
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#32
Benzoic acid
Concen: 60.125 ng
RT: 10.139 min Scan# 1182
Delta R.T. 0.029 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

Tgt Ion:122 Resp: 447653
Ion Ratio Lower Upper
122 100
105 127.2 104.9 144.9
77 103.9 83.4 123.4





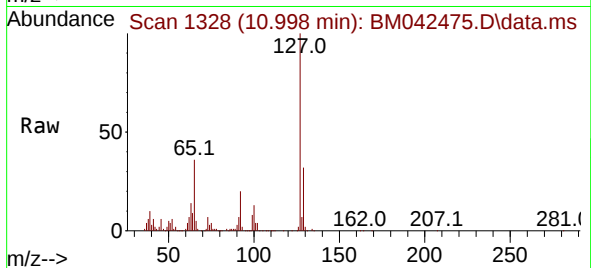
#33
4-Chloroaniline
Concen: 22.226 ng
RT: 10.998 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

Instrument :

BNA_M

ClientSampleId :

PB156565BS

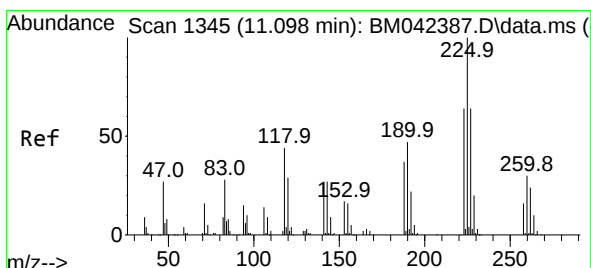
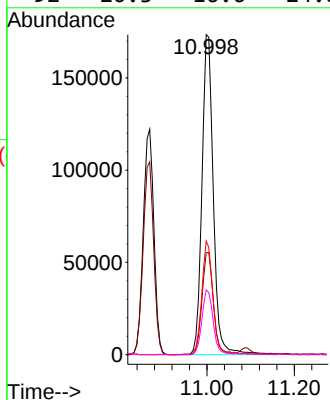
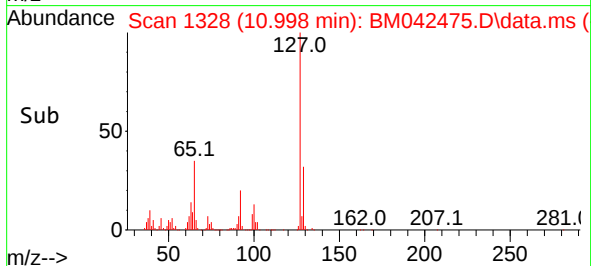


Tgt Ion:127 Resp: 315718
Ion Ratio Lower Upper
127 100
129 31.8 25.3 37.9
65 35.5 29.6 44.4
92 20.3 16.6 24.8

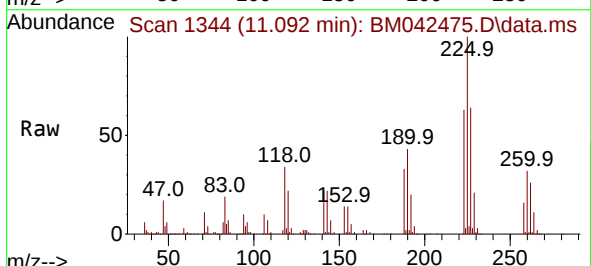
Manual Integrations

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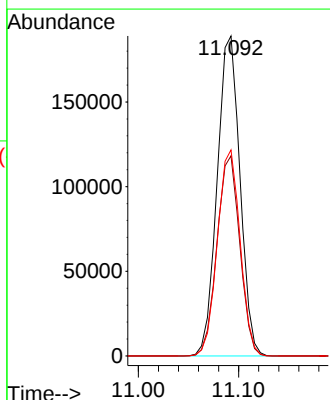
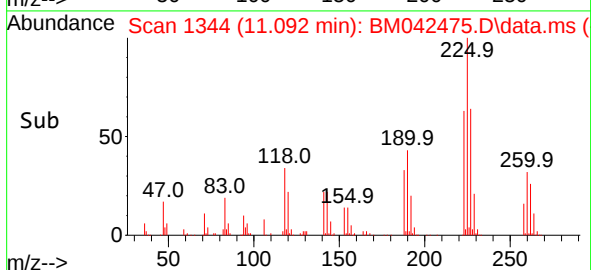
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

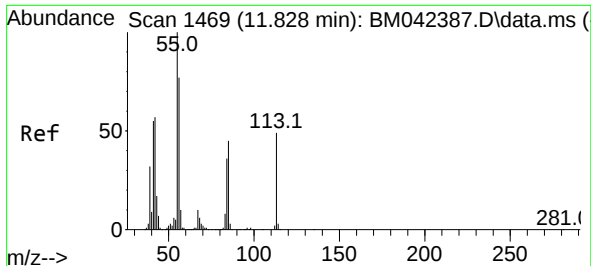


#34
Hexachlorobutadiene
Concen: 59.440 ng
RT: 11.092 min Scan# 1344
Delta R.T. -0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24



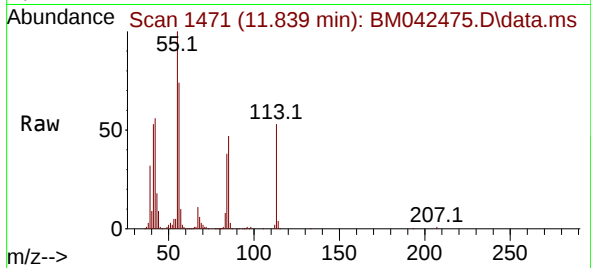
Tgt Ion:225 Resp: 297759
Ion Ratio Lower Upper
225 100
223 62.6 51.5 77.3
227 64.4 51.3 76.9





#35
Caprolactam
Concen: 57.943 ng m
RT: 11.839 min Scan# 1469
Delta R.T. 0.011 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

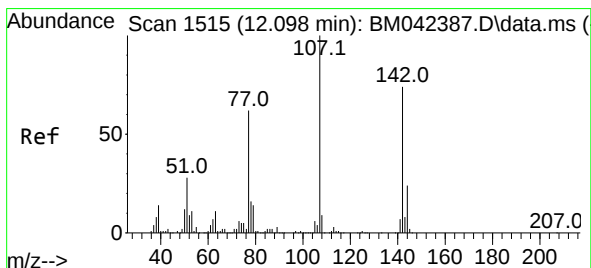
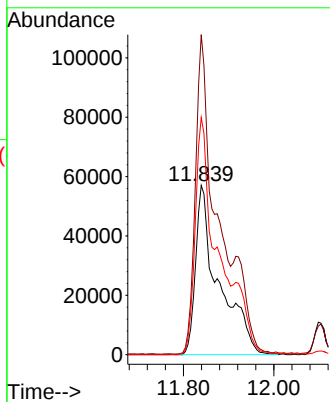
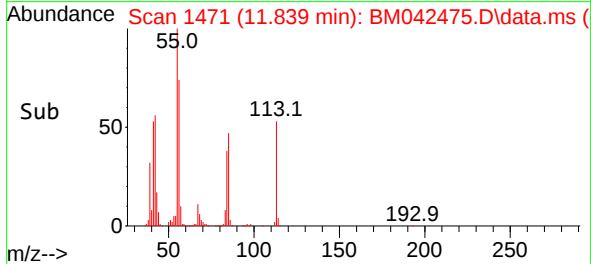
Instrument :
BNA_M
ClientSampleId :
PB156565BS



Tgt Ion:113 Resp: 20342
Ion Ratio Lower Upper
113 100
55 189.0 185.6 225.6
56 140.2 137.8 177.8

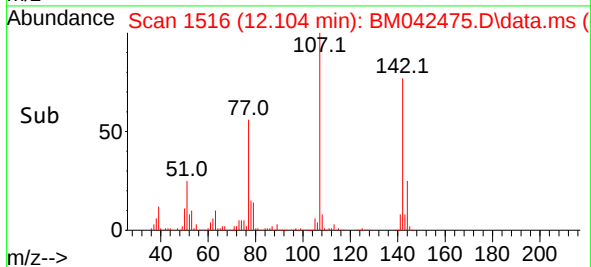
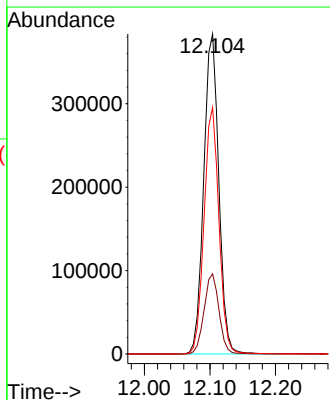
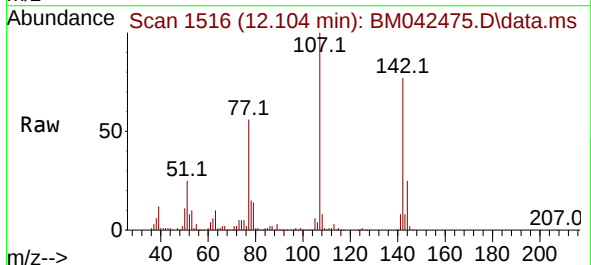
Manual Integrations
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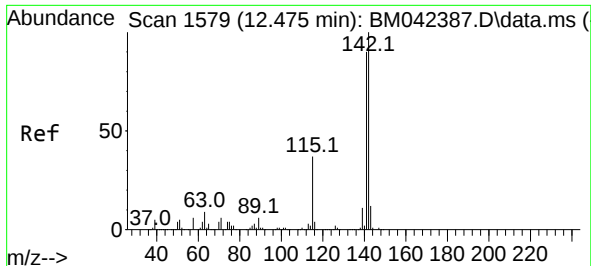
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#36
4-Chloro-3-methylphenol
Concen: 58.923 ng
RT: 12.104 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

Tgt Ion:107 Resp: 614017
Ion Ratio Lower Upper
107 100
144 25.0 18.9 28.3
142 77.1 59.2 88.8





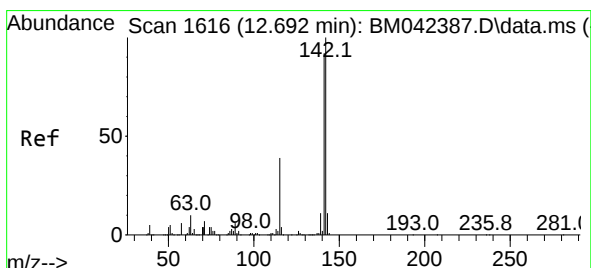
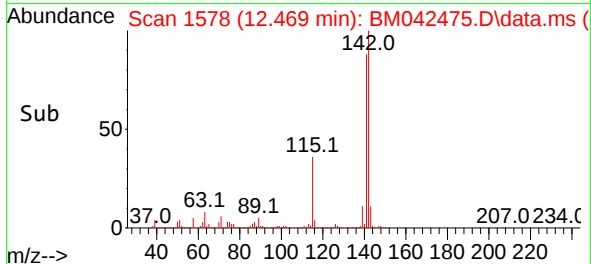
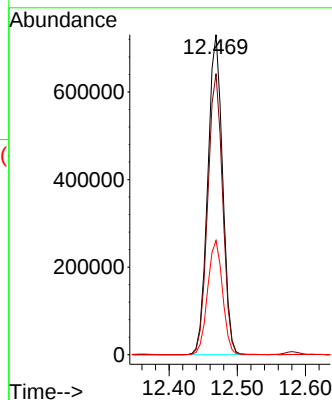
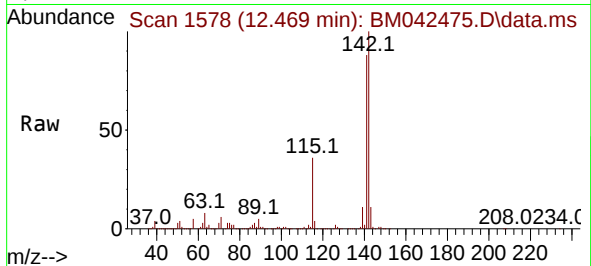
#37
2-Methylnaphthalene
Concen: 50.259 ng
RT: 12.469 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

Instrument :
BNA_M
ClientSampleId :
PB156565BS

Tgt Ion:142 Resp: 1106939
Ion Ratio Lower Upper
142 100
141 87.8 72.0 108.0
115 35.7 29.4 44.2

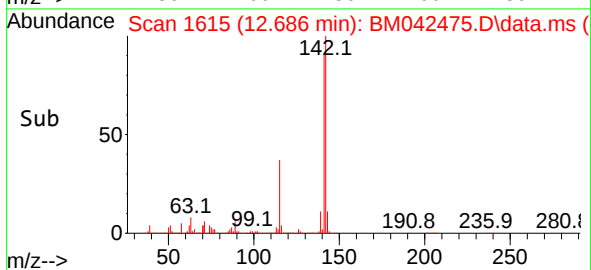
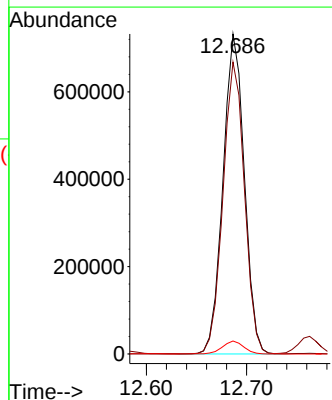
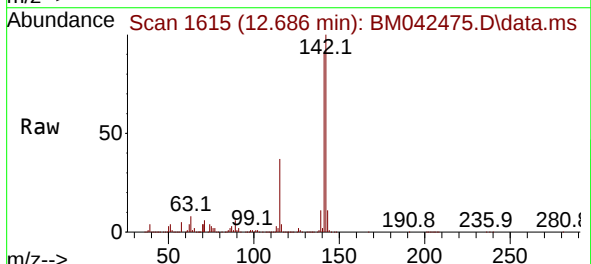
Manual Integrations
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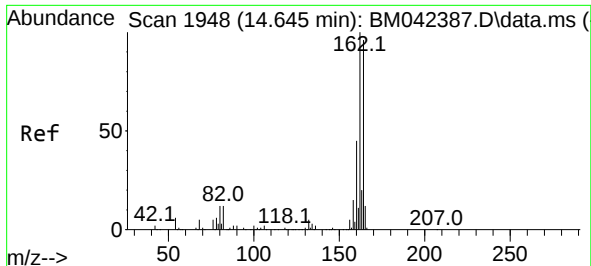
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#38
1-Methylnaphthalene
Concen: 52.473 ng
RT: 12.686 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

Tgt Ion:142 Resp: 1082683
Ion Ratio Lower Upper
142 100
141 91.2 73.8 110.6
116 4.0 3.3 4.9





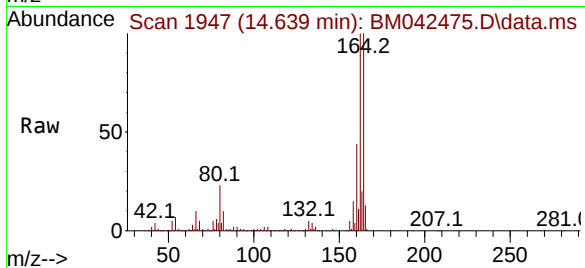
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.639 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

Instrument :

BNA_M

ClientSampleId :

PB156565BS

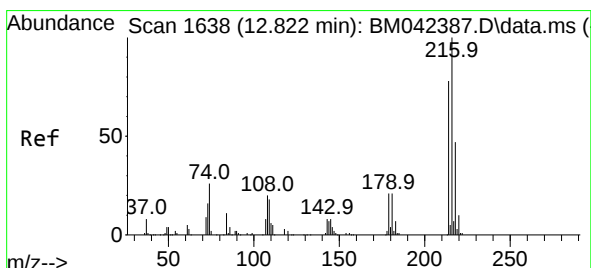
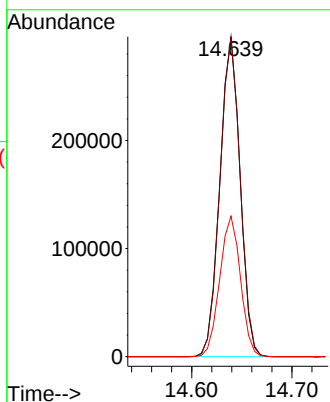
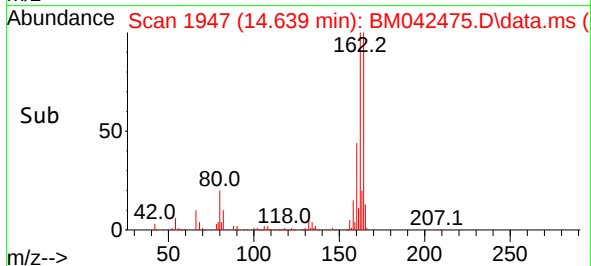


Tgt Ion:164 Resp: 414434
Ion Ratio Lower Upper
164 100
162 100.2 83.0 124.4
160 44.0 37.0 55.4

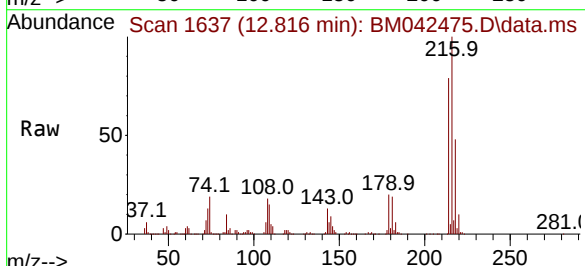
Manual Integrations

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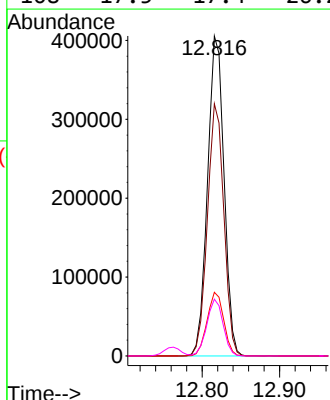
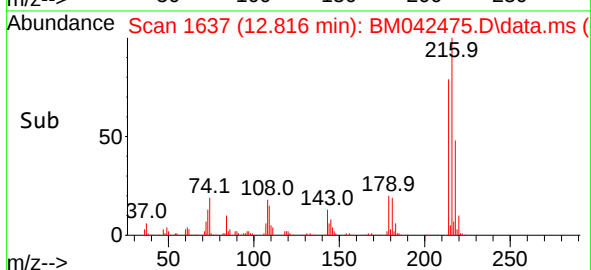
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

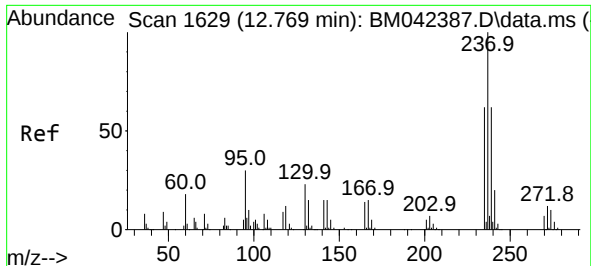


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.043 ng
RT: 12.816 min Scan# 1637
Delta R.T. -0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24



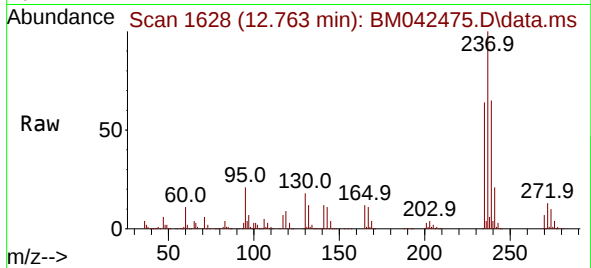
Tgt Ion:216 Resp: 599577
Ion Ratio Lower Upper
216 100
214 78.6 63.0 94.4
179 20.1 17.2 25.8
108 17.5 17.4 26.2





#41
Hexachlorocyclopentadiene
Concen: 74.437 ng
RT: 12.763 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

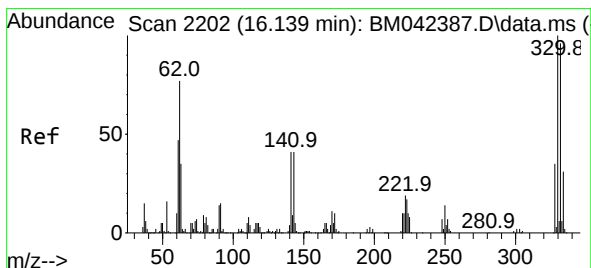
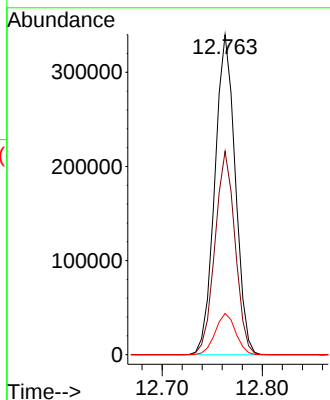
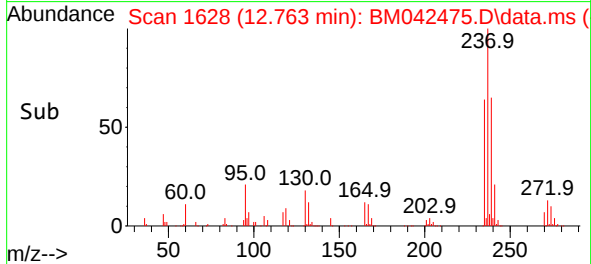
Instrument :
BNA_M
ClientSampleId :
PB156565BS



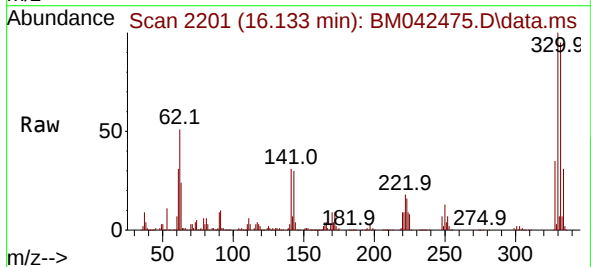
Tgt Ion:237 Resp: 48136
Ion Ratio Lower Upper
237 100
235 63.5 41.5 81.5
272 12.9 0.0 32.2

Manual Integrations
APPROVED

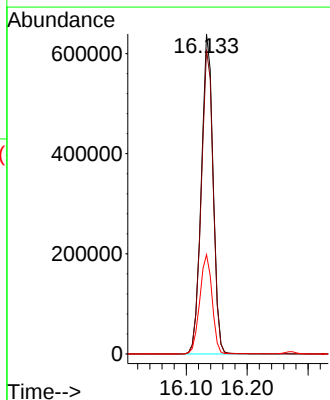
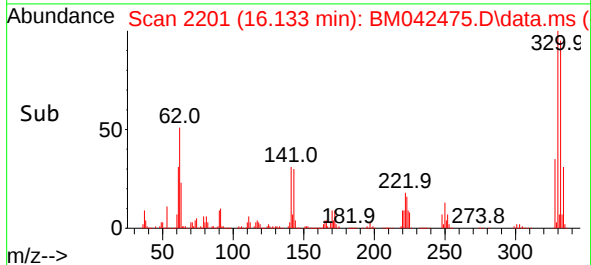
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

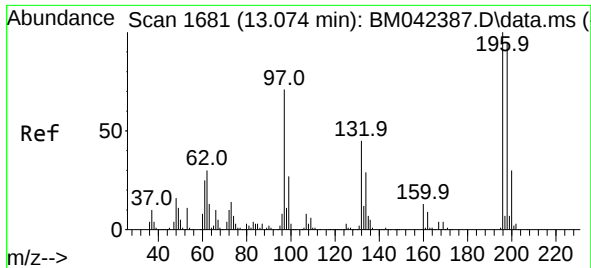


#42
2,4,6-Tribromophenol
Concen: 183.425 ng
RT: 16.133 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24



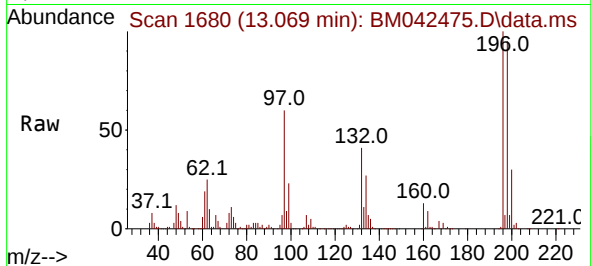
Tgt Ion:330 Resp: 858229
Ion Ratio Lower Upper
330 100
332 96.3 77.6 116.4
141 32.5 38.0 57.0#





#43
2,4,6-Trichlorophenol
Concen: 57.315 ng
RT: 13.069 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

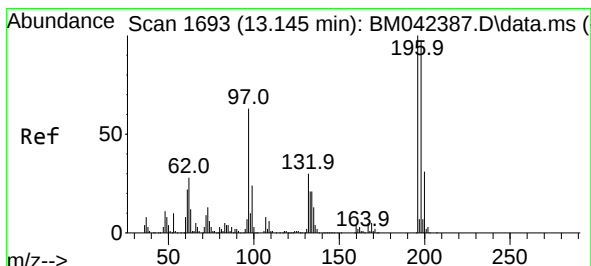
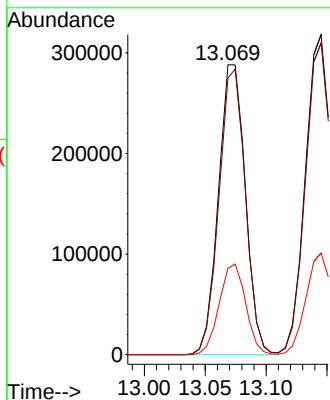
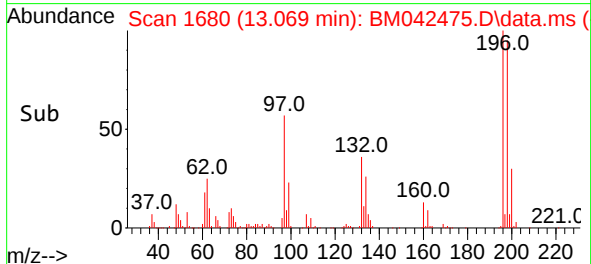
Instrument :
BNA_M
ClientSampleId :
PB156565BS



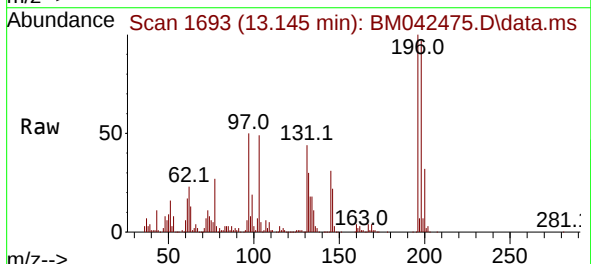
Tgt Ion:196 Resp: 44453
Ion Ratio Lower Upper
196 100
198 95.4 76.3 114.5
200 29.8 24.3 36.5

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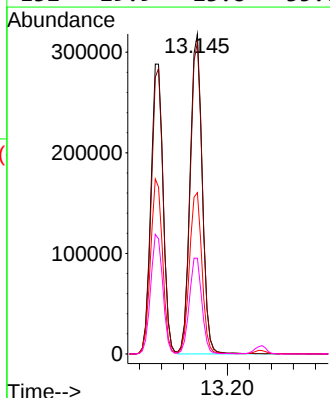
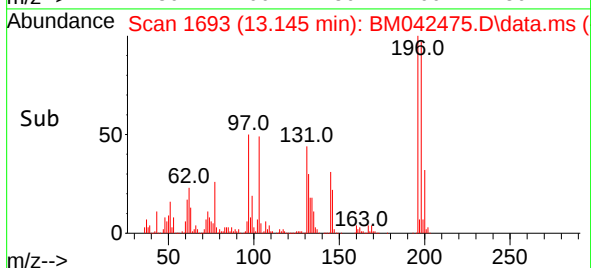
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

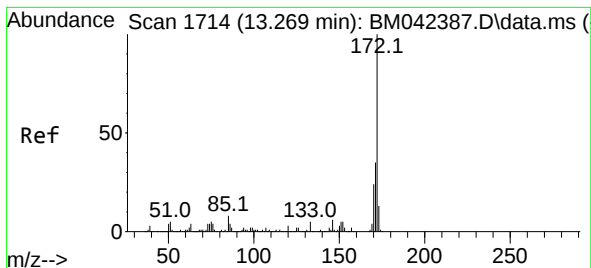


#44
2,4,5-Trichlorophenol
Concen: 53.161 ng
RT: 13.145 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24



Tgt Ion:196 Resp: 487401
Ion Ratio Lower Upper
196 100
198 97.4 77.9 116.9
97 50.4 50.9 76.3#
132 29.9 23.8 35.6





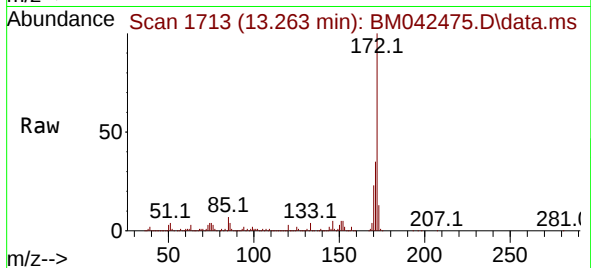
#45
2-Fluorobiphenyl
Concen: 88.049 ng
RT: 13.263 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

Instrument :

BNA_M

ClientSampleId :

PB156565BS



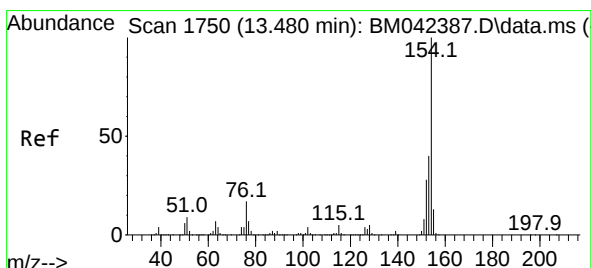
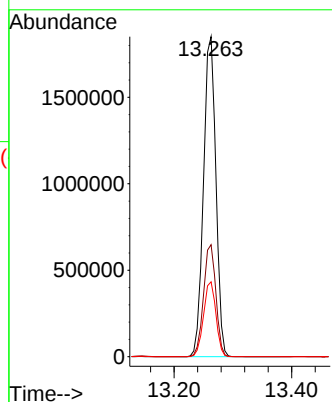
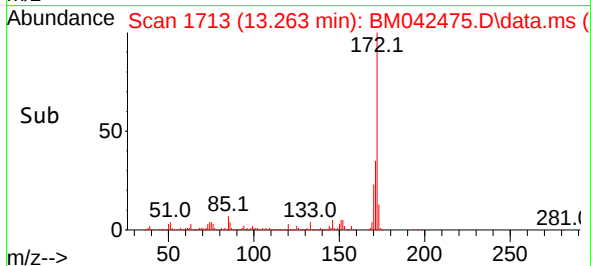
Tgt Ion:172 Resp: 270980
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.4 18.9 28.3

Manual Integrations

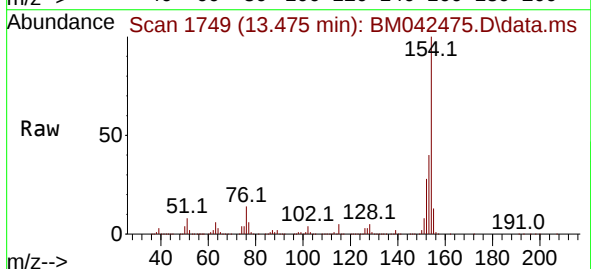
APPROVED

Reviewed By :Yogesh Patel 10/31/2023

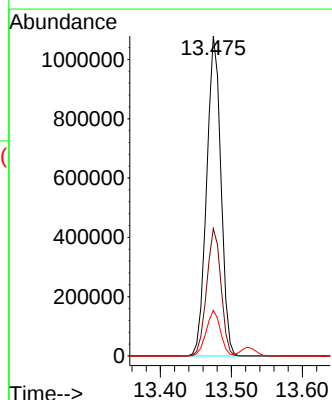
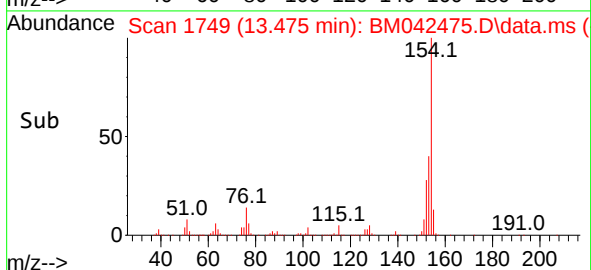
Supervised By :mohammad ahmed 10/31/2023

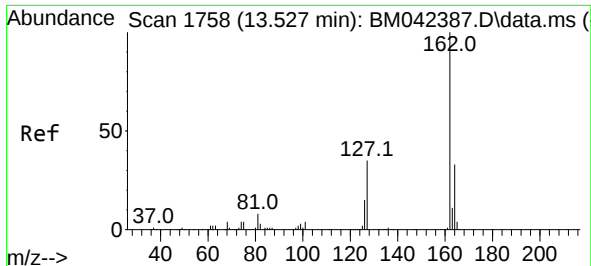


#46
1,1'-Biphenyl
Concen: 45.880 ng
RT: 13.475 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24



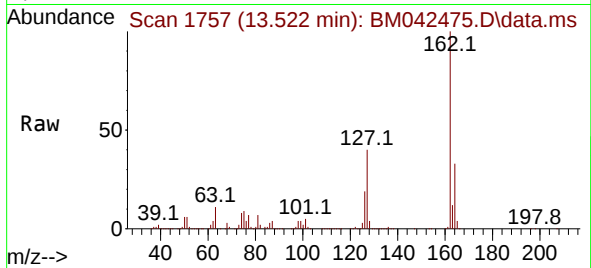
Tgt Ion:154 Resp: 1508407
Ion Ratio Lower Upper
154 100
153 39.8 19.9 59.9
76 14.3 0.0 36.9





#47
2-Chloronaphthalene
Concen: 46.910 ng
RT: 13.522 min Scan# 1757
Delta R.T. -0.005 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

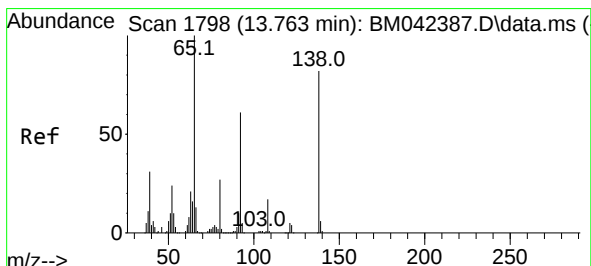
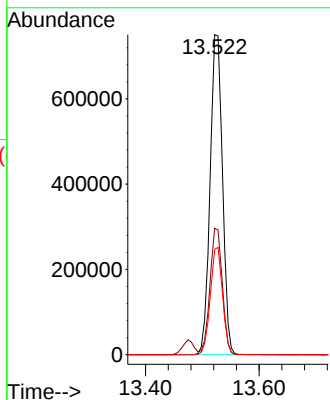
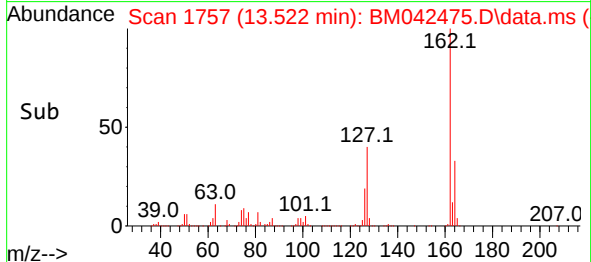
Instrument :
BNA_M
ClientSampleId :
PB156565BS



Tgt Ion:162 Resp: 1131499
Ion Ratio Lower Upper
162 100
127 39.5 32.2 48.2
164 32.9 26.2 39.2

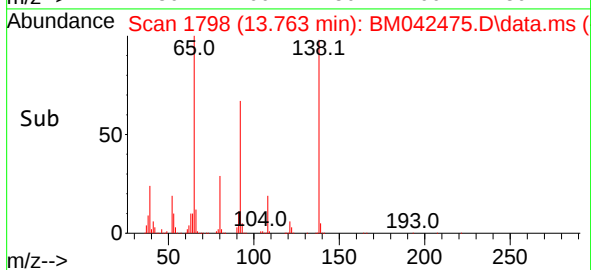
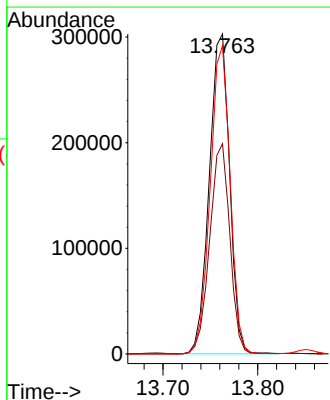
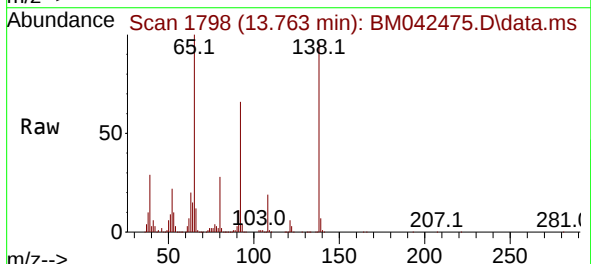
Manual Integrations
APPROVED

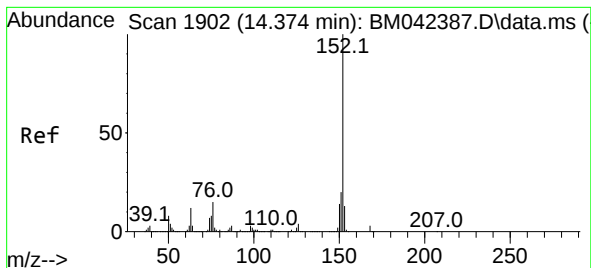
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#48
2-Nitroaniline
Concen: 42.719 ng
RT: 13.763 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

Tgt Ion: 65 Resp: 450627
Ion Ratio Lower Upper
65 100
92 65.7 49.0 73.6
138 96.4 65.5 98.3





#49

Acenaphthylene

Concen: 50.269 ng

RT: 14.369 min Scan# 1901

Delta R.T. -0.006 min

Lab File: BM042475.D

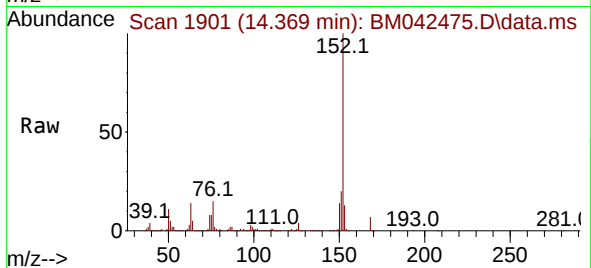
Acq: 27 Oct 2023 13:24

Instrument :

BNA_M

ClientSampleId :

PB156565BS



Tgt Ion:152 Resp: 1957498

Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

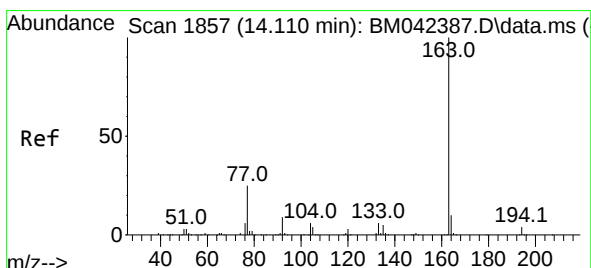
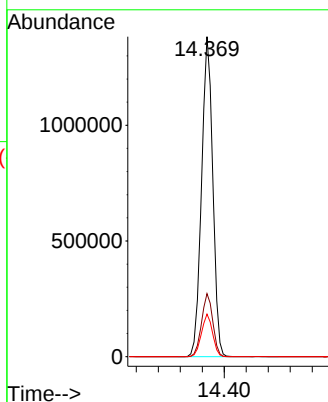
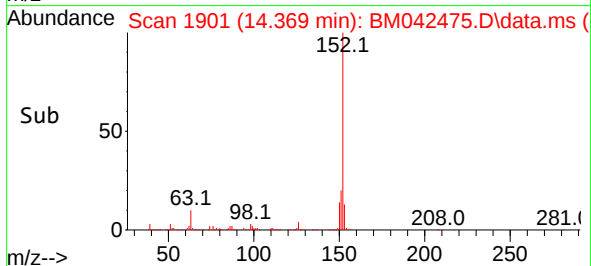
153 13.3 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#50

Dimethylphthalate

Concen: 50.850 ng

RT: 14.104 min Scan# 1856

Delta R.T. -0.006 min

Lab File: BM042475.D

Acq: 27 Oct 2023 13:24

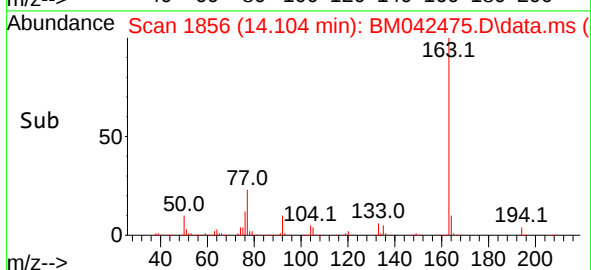
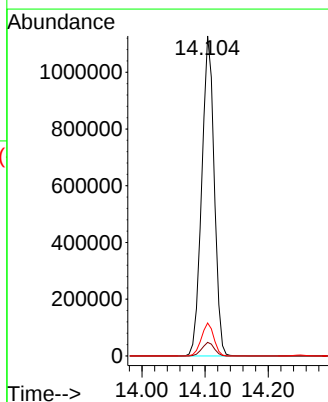
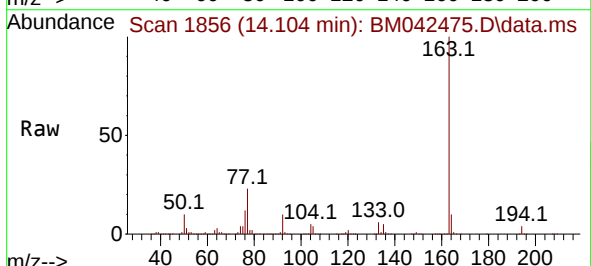
Tgt Ion:163 Resp: 1545790

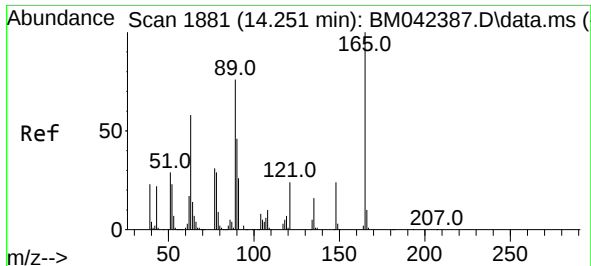
Ion Ratio Lower Upper

163 100

194 4.3 3.0 4.4

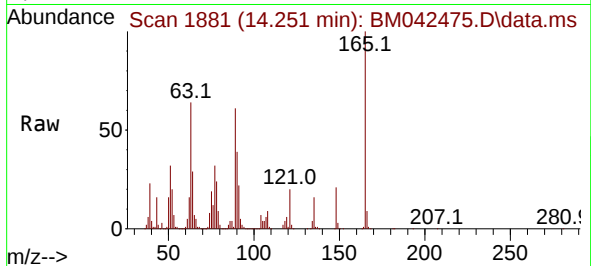
164 10.3 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 50.032 ng
RT: 14.251 min Scan# 1881
Delta R.T. -0.000 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

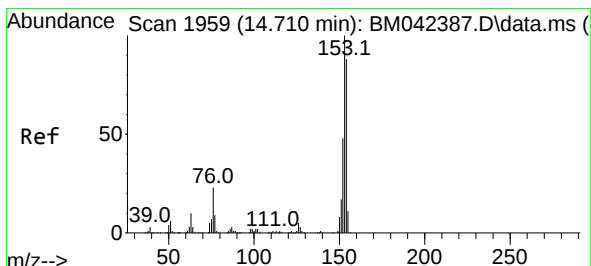
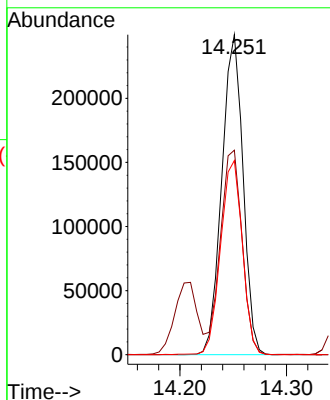
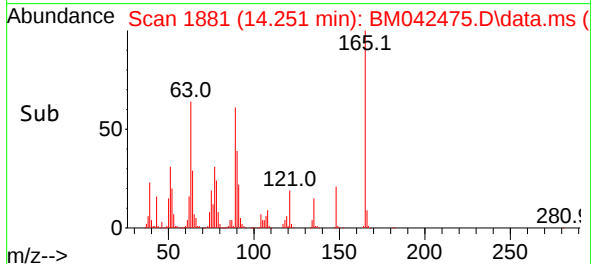
Instrument :
BNA_M
ClientSampleId :
PB156565BS



Tgt Ion:165 Resp: 344304
Ion Ratio Lower Upper
165 100
63 63.9 65.3 97.9
89 60.7 60.6 91.0

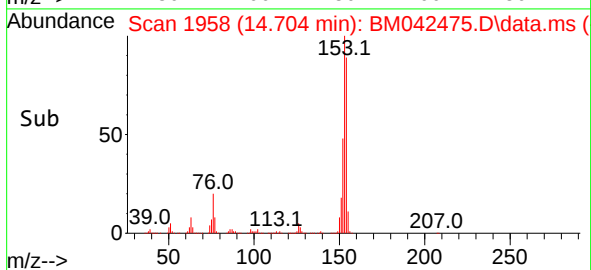
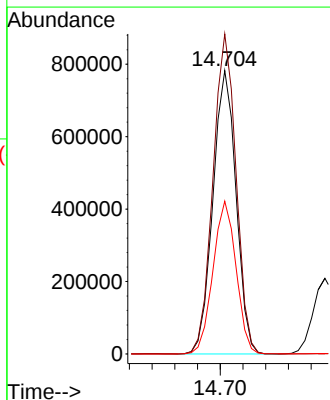
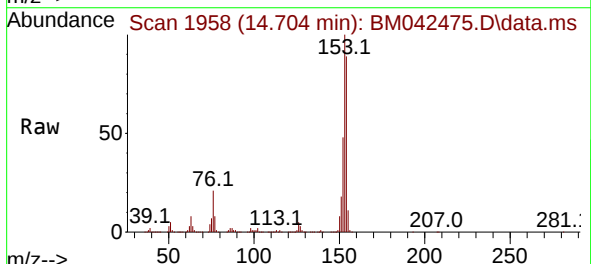
Manual Integrations
APPROVED

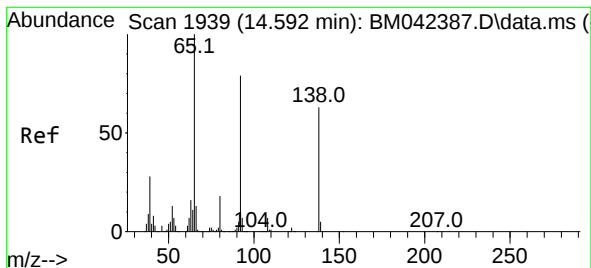
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#52
Acenaphthene
Concen: 47.082 ng
RT: 14.704 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

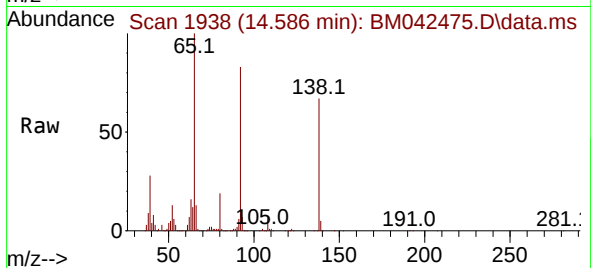
Tgt Ion:154 Resp: 1108433
Ion Ratio Lower Upper
154 100
153 112.9 91.1 136.7
152 53.9 44.0 66.0





#53
3-Nitroaniline
Concen: 35.693 ng
RT: 14.586 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

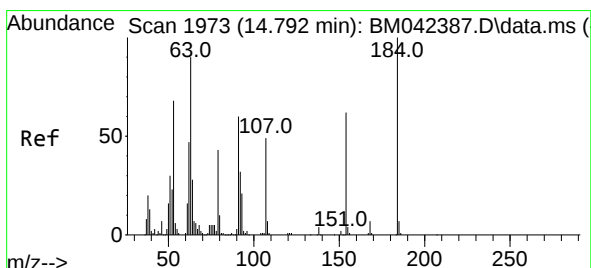
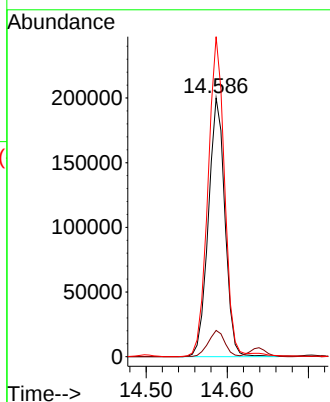
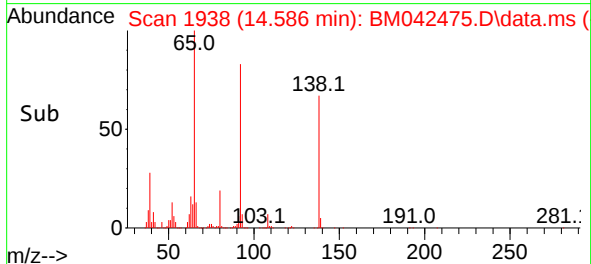
Instrument :
BNA_M
ClientSampleId :
PB156565BS



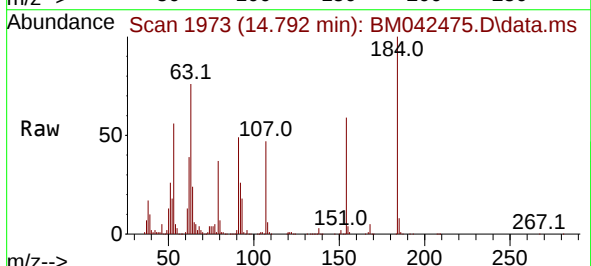
Tgt Ion:138 Resp: 283185
Ion Ratio Lower Upper
138 100
108 10.2 8.3 12.5
92 123.7 100.6 151.0

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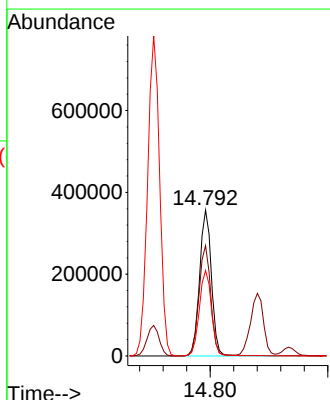
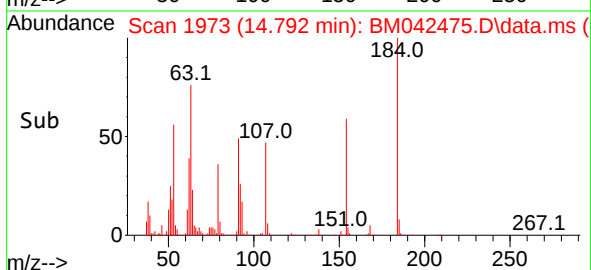
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

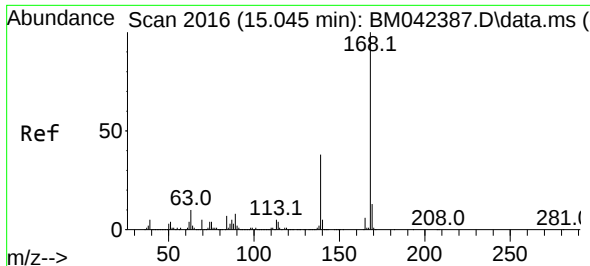


#54
2,4-Dinitrophenol
Concen: 113.725 ng
RT: 14.792 min Scan# 1973
Delta R.T. 0.000 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24



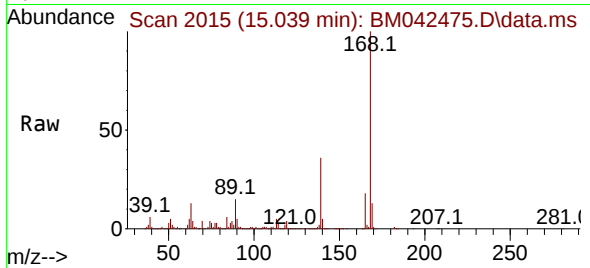
Tgt Ion:184 Resp: 499830
Ion Ratio Lower Upper
184 100
63 75.7 72.2 108.2
154 58.6 49.6 74.4





#55
Dibenzenofuran
Concen: 48.729 ng
RT: 15.039 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

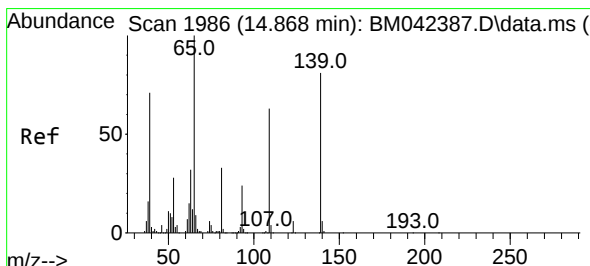
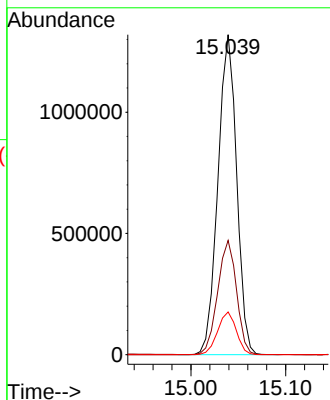
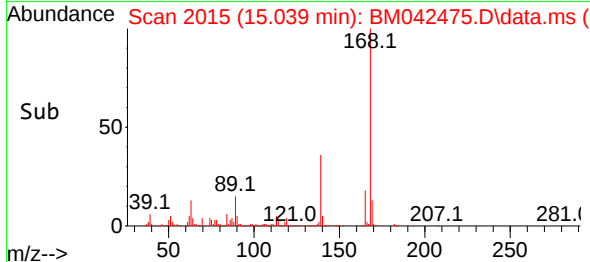
Instrument :
BNA_M
ClientSampleId :
PB156565BS



Tgt Ion:168 Resp: 181447
Ion Ratio Lower Upper
168 100
139 35.7 30.6 46.0
169 13.4 10.4 15.6

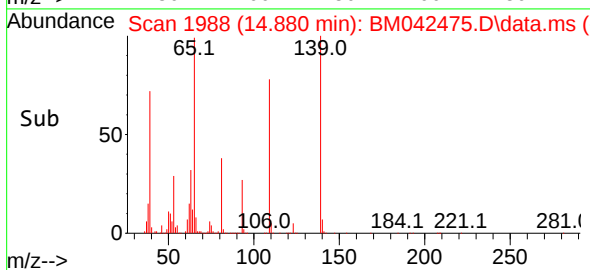
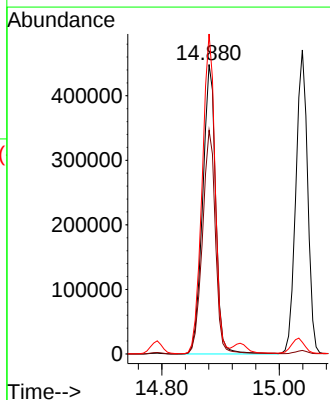
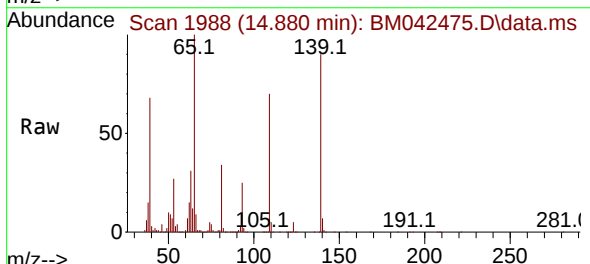
Manual Integrations
APPROVED

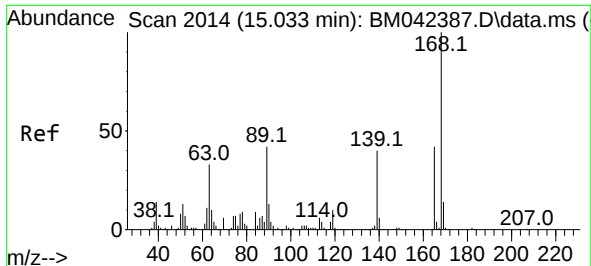
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#56
4-Nitrophenol
Concen: 111.454 ng
RT: 14.880 min Scan# 1988
Delta R.T. 0.012 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

Tgt Ion:139 Resp: 690039
Ion Ratio Lower Upper
139 100
109 77.3 58.0 98.0
65 110.5 104.2 144.2





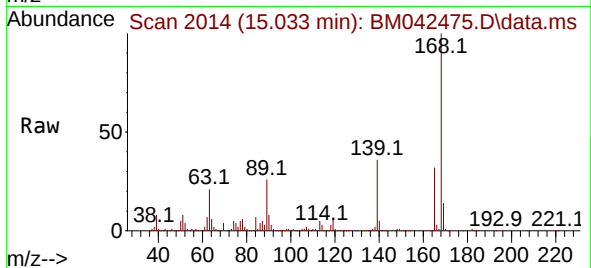
#57
2,4-Dinitrotoluene
Concen: 52.019 ng
RT: 15.033 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

Instrument :

BNA_M

ClientSampleId :

PB156565BS

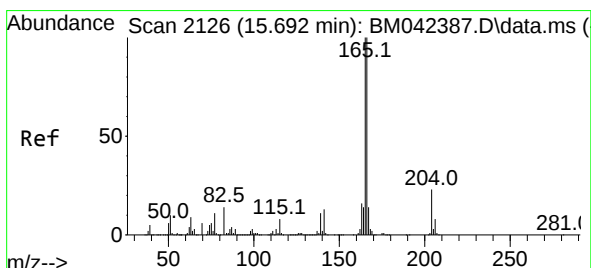
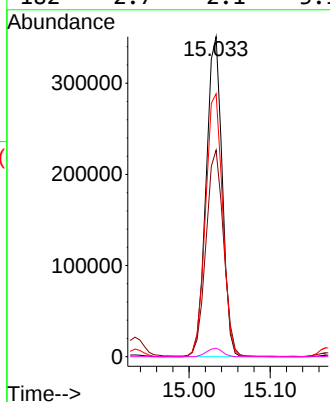
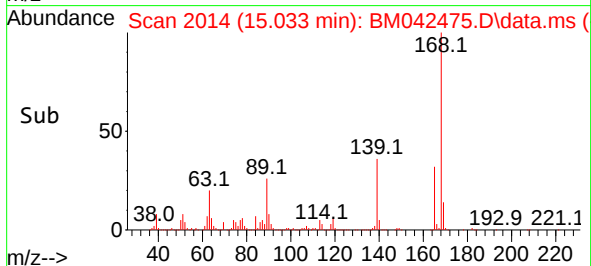


Tgt Ion:165 Resp: 48095
Ion Ratio Lower Upper
165 100
63 64.5 62.9 94.3
89 82.1 80.2 120.2
182 2.7 2.1 3.1

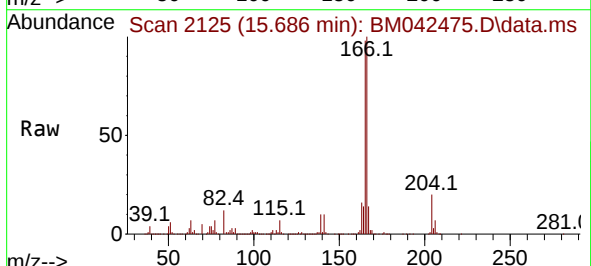
Manual Integrations

APPROVED

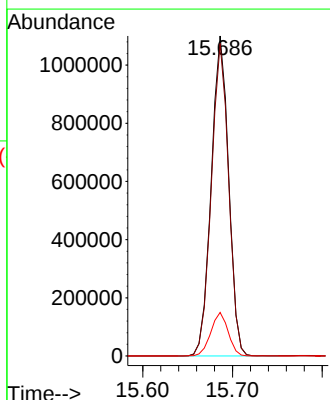
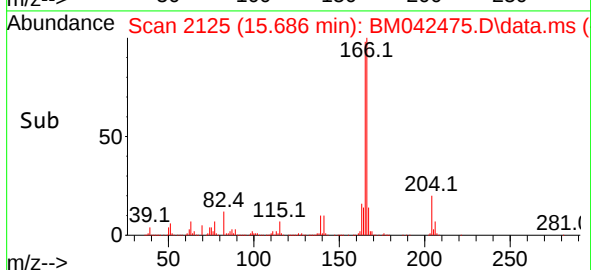
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

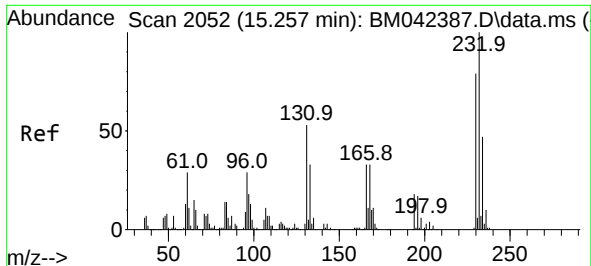


#58
Fluorene
Concen: 50.469 ng
RT: 15.686 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24



Tgt Ion:166 Resp: 1482943
Ion Ratio Lower Upper
166 100
165 97.7 79.6 119.4
167 13.6 10.9 16.3





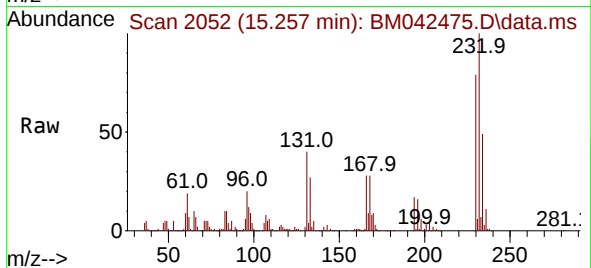
#59
2,3,4,6-Tetrachlorophenol
Concen: 63.672 ng
RT: 15.257 min Scan# 2052
Delta R.T. 0.000 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

Instrument :

BNA_M

ClientSampleId :

PB156565BS

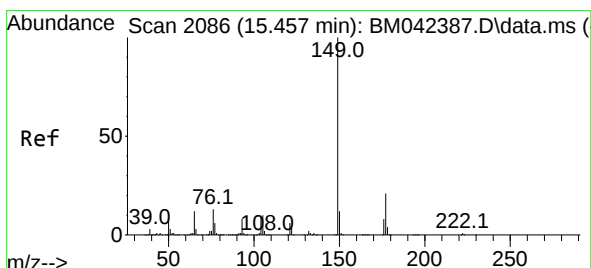
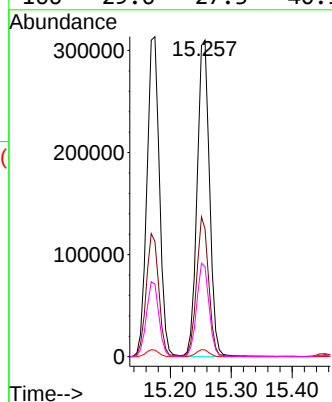
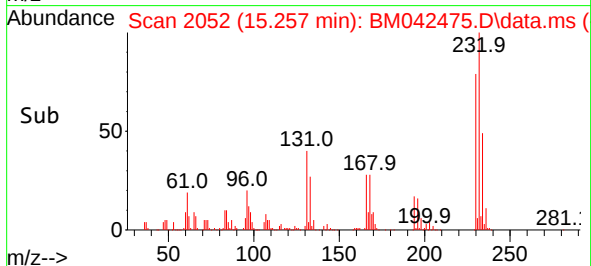


Tgt Ion:232 Resp: 438552
Ion Ratio Lower Upper
232 100
131 43.1 42.8 64.2
130 2.3 2.2 3.2
166 29.6 27.3 40.9

Manual Integrations

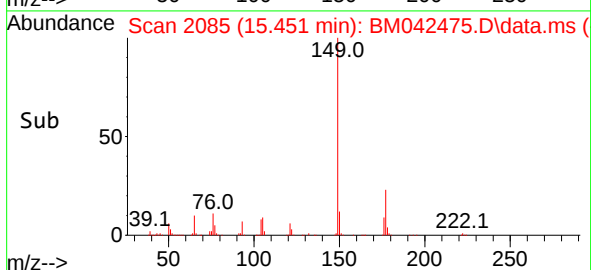
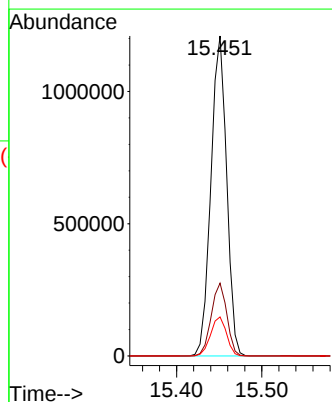
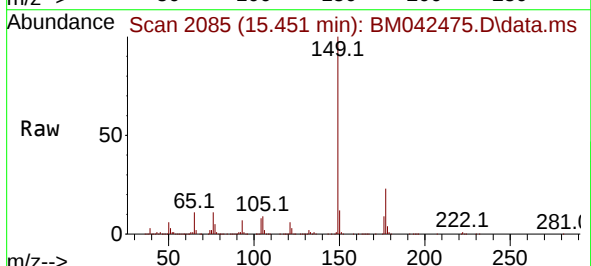
APPROVED

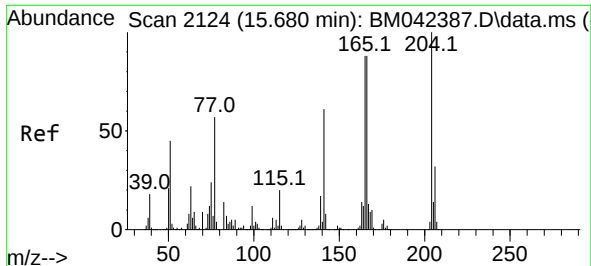
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#60
Diethylphthalate
Concen: 51.672 ng
RT: 15.451 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

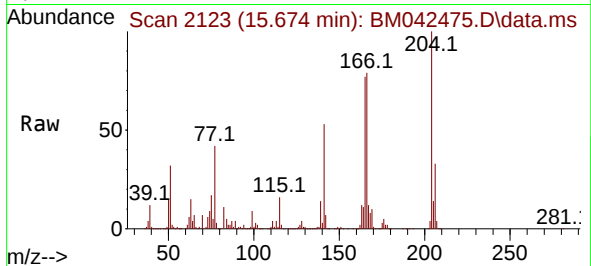
Tgt Ion:149 Resp: 1550074
Ion Ratio Lower Upper
149 100
177 22.7 16.7 25.1
150 12.2 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 54.640 ng
RT: 15.674 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

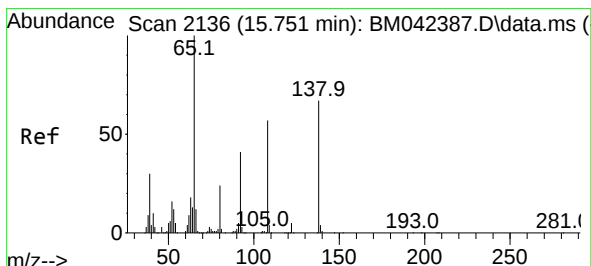
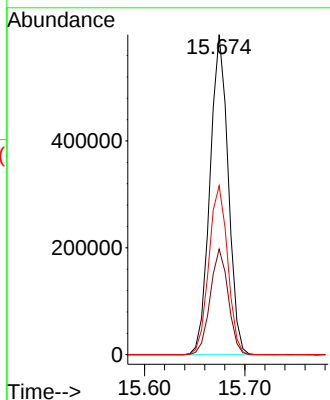
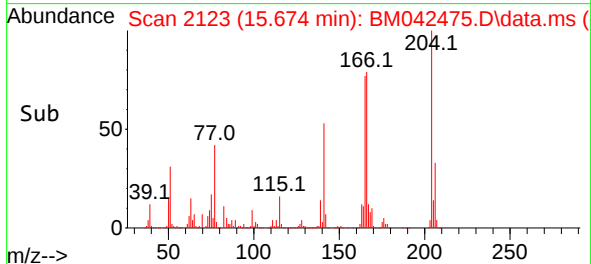
Instrument :
BNA_M
ClientSampleId :
PB156565BS



Tgt Ion:204 Resp: 756104
Ion Ratio Lower Upper
204 100
206 33.0 25.4 38.0
141 52.8 49.1 73.7

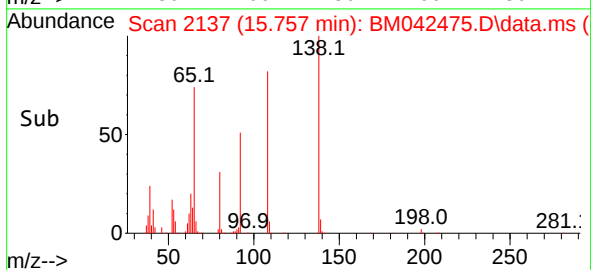
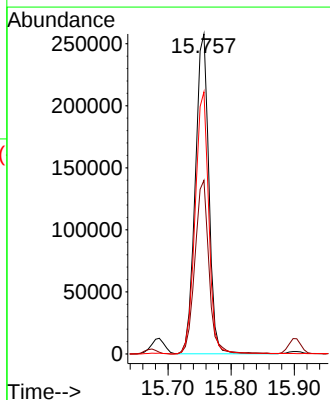
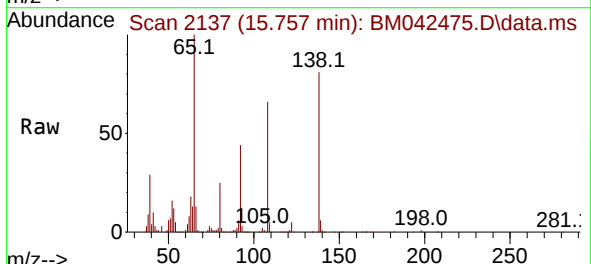
Manual Integrations
APPROVED

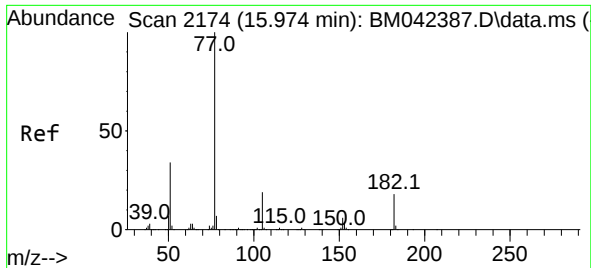
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#62
4-Nitroaniline
Concen: 49.145 ng
RT: 15.757 min Scan# 2137
Delta R.T. 0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

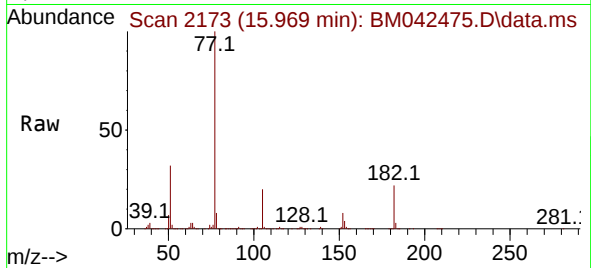
Tgt Ion:138 Resp: 384578
Ion Ratio Lower Upper
138 100
92 54.3 40.4 80.4
108 81.9 65.3 105.3





#63
Azobenzene
Concen: 45.424 ng
RT: 15.969 min Scan# 2173
Delta R.T. -0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

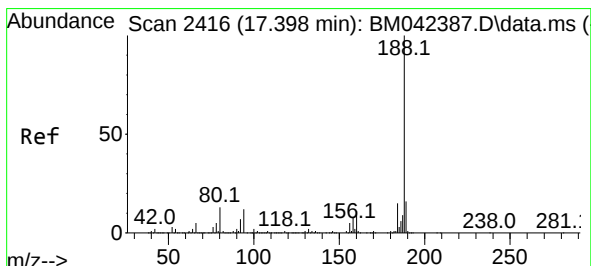
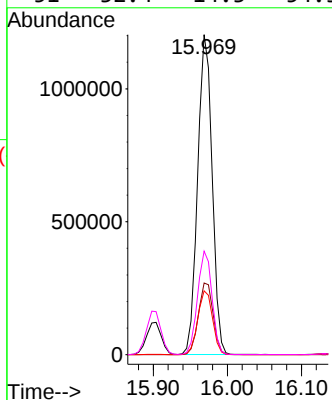
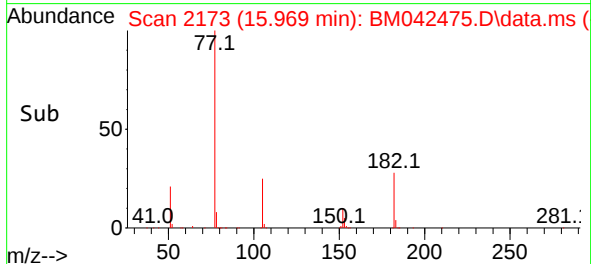
Instrument :
BNA_M
ClientSampleId :
PB156565BS



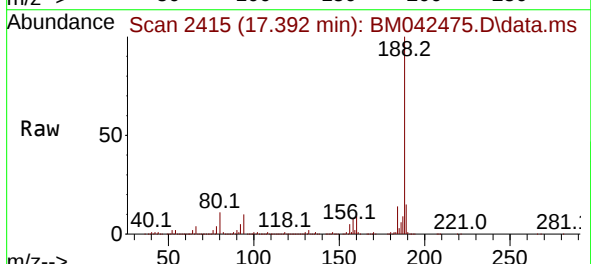
Tgt Ion: 77 Resp: 163484
Ion Ratio Lower Upper
77 100
182 22.4 0.0 37.7
105 20.0 0.0 38.9
51 32.4 14.3 54.3

Manual Integrations
APPROVED

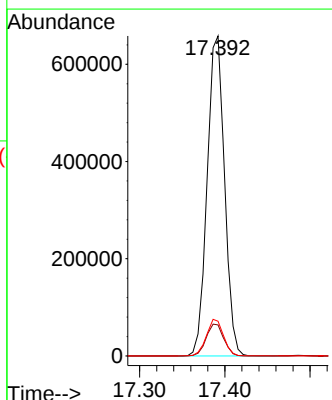
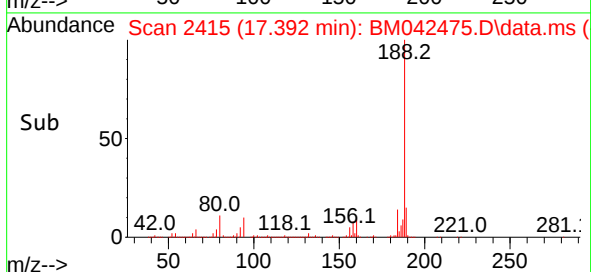
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

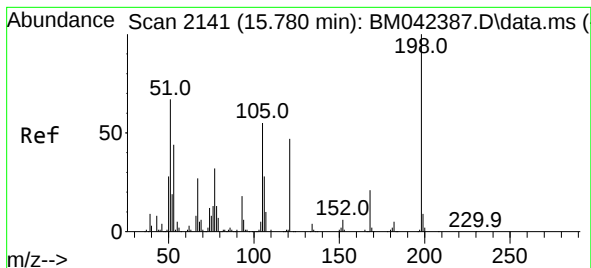


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.392 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24



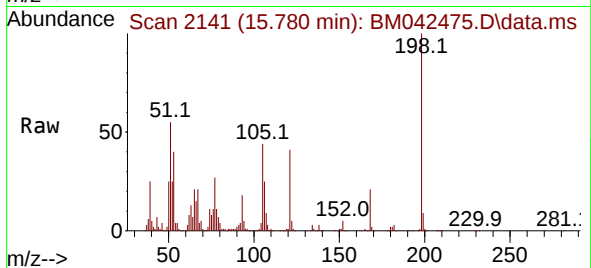
Tgt Ion:188 Resp: 932235
Ion Ratio Lower Upper
188 100
94 9.7 9.4 14.0
80 10.8 10.7 16.1





#65
4,6-Dinitro-2-methylphenol
Concen: 49.656 ng
RT: 15.780 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

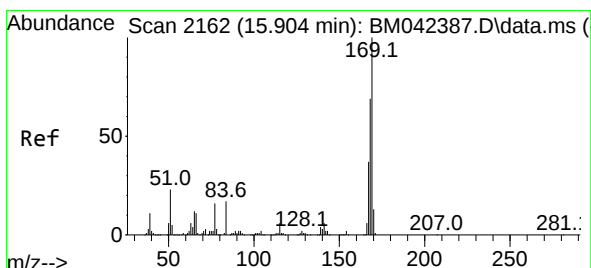
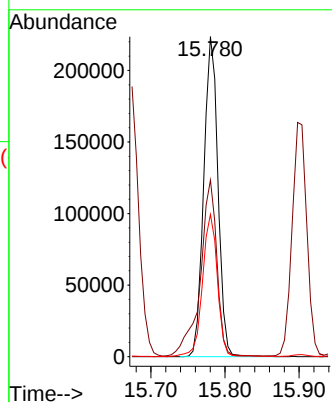
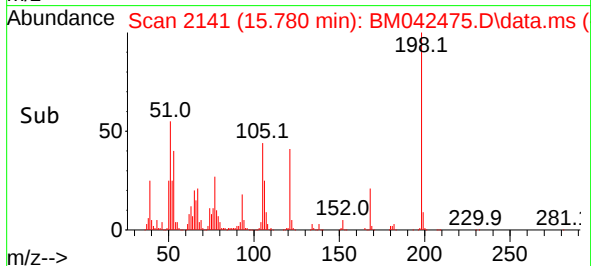
Instrument :
BNA_M
ClientSampleId :
PB156565BS



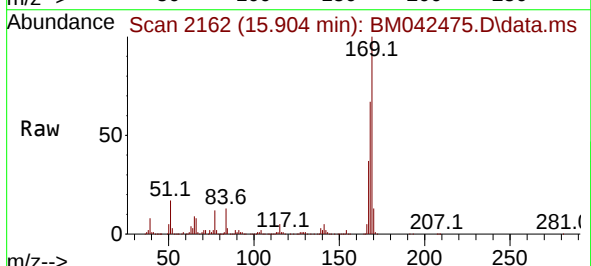
Tgt Ion:198 Resp: 297114
Ion Ratio Lower Upper
198 100
51 55.2 54.1 94.1
105 44.4 35.9 75.9

Manual Integrations
APPROVED

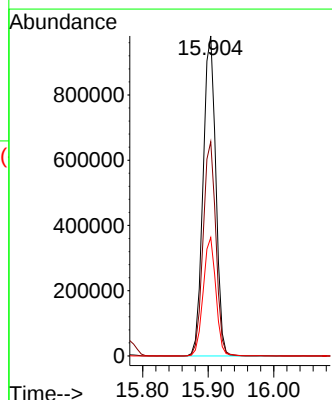
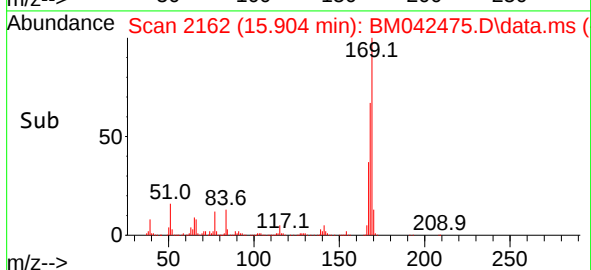
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

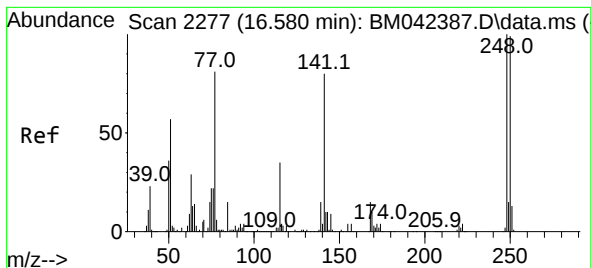


#66
n-Nitrosodiphenylamine
Concen: 47.158 ng
RT: 15.904 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24



Tgt Ion:169 Resp: 1324134
Ion Ratio Lower Upper
169 100
168 66.9 55.4 83.2
167 37.0 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 54.587 ng
RT: 16.574 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

Instrument :

BNA_M

ClientSampleId :

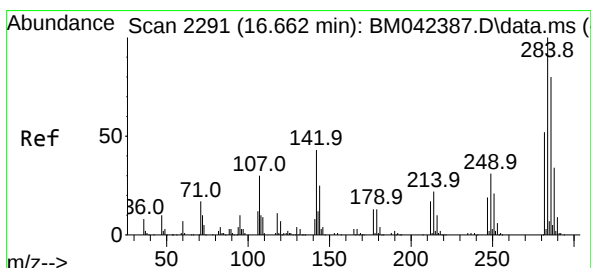
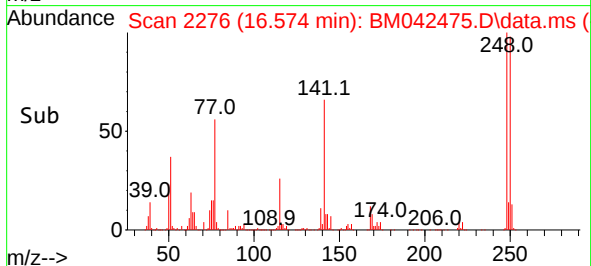
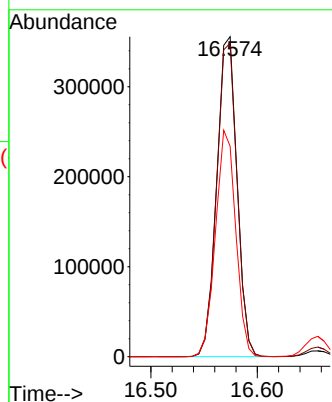
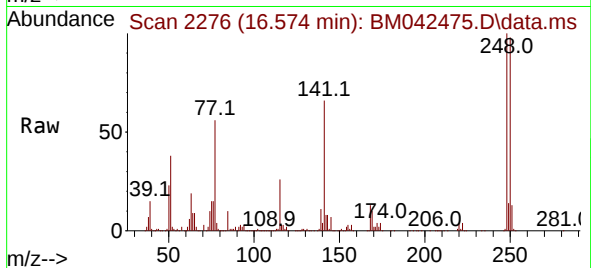
PB156565BS

Tgt Ion:248 Resp: 471630
Ion Ratio Lower Upper
248 100
250 98.0 79.4 119.2
141 65.8 64.3 96.5

Manual Integrations

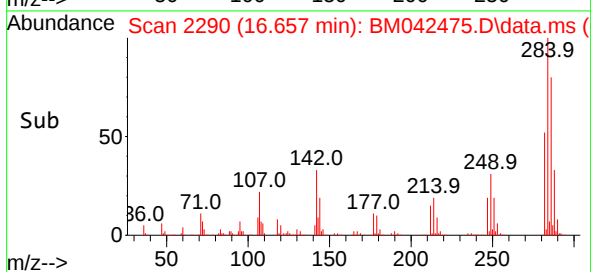
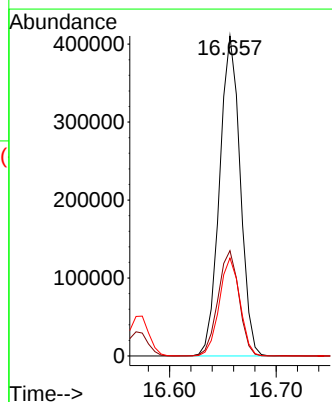
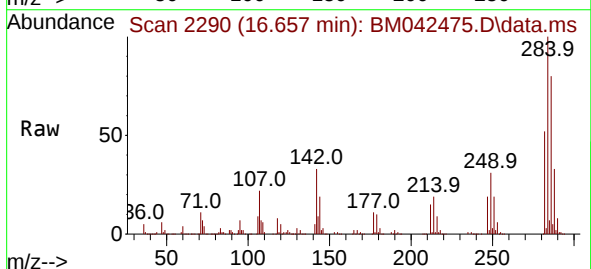
APPROVED

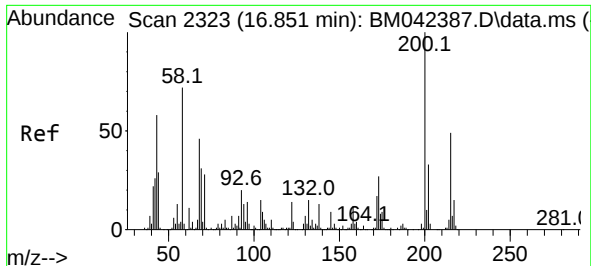
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#68
Hexachlorobenzene
Concen: 59.723 ng
RT: 16.657 min Scan# 2290
Delta R.T. -0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

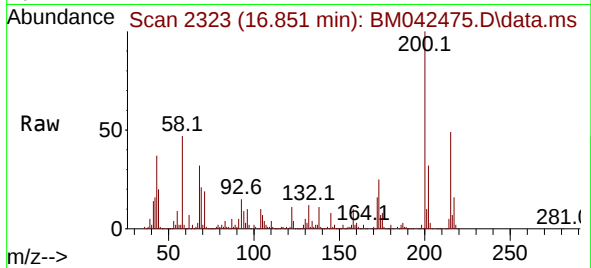
Tgt Ion:284 Resp: 551570
Ion Ratio Lower Upper
284 100
142 32.9 34.2 51.2#
249 30.6 24.7 37.1





#69
 Atrazine
 Concen: 69.412 ng
 RT: 16.851 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM042475.D
 Acq: 27 Oct 2023 13:24

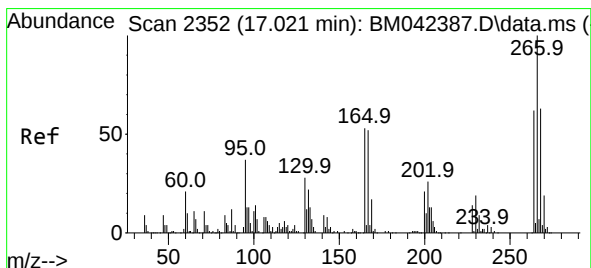
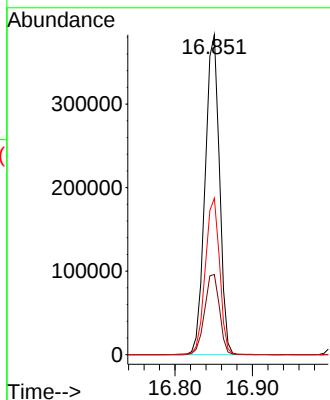
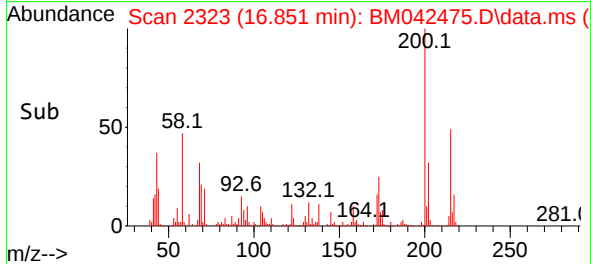
Instrument :
 BNA_M
 ClientSampleId :
 PB156565BS



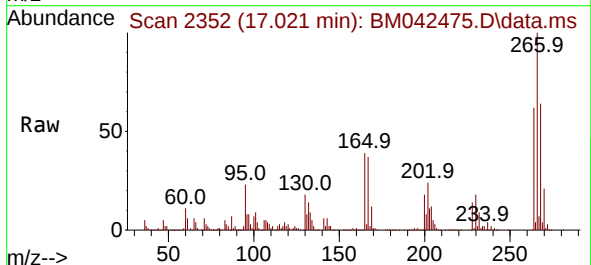
Tgt Ion:200 Resp: 49425
 Ion Ratio Lower Upper
 200 100
 173 25.1 6.6 46.6
 215 48.9 28.6 68.6

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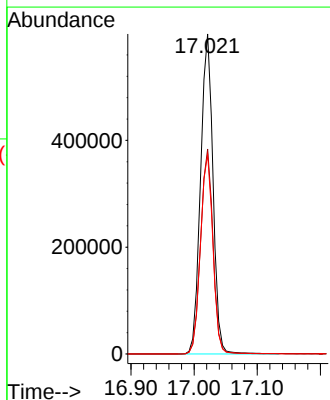
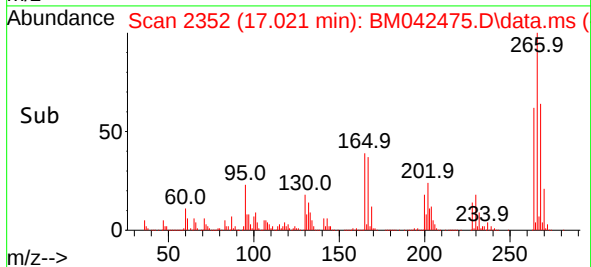
Reviewed By :Yogesh Patel 10/31/2023
 Supervised By :mohammad ahmed 10/31/2023

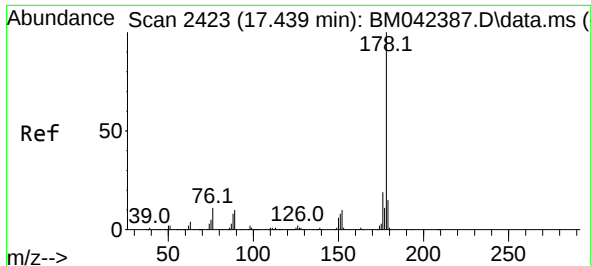


#70
 Pentachlorophenol
 Concen: 104.467 ng
 RT: 17.021 min Scan# 2352
 Delta R.T. 0.000 min
 Lab File: BM042475.D
 Acq: 27 Oct 2023 13:24



Tgt Ion:266 Resp: 820694
 Ion Ratio Lower Upper
 266 100
 268 64.0 50.6 76.0
 264 62.4 49.4 74.0





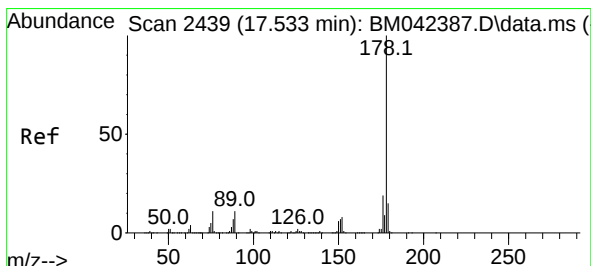
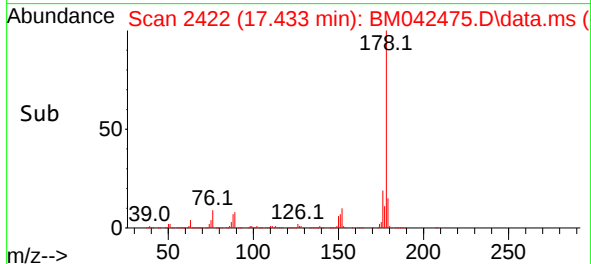
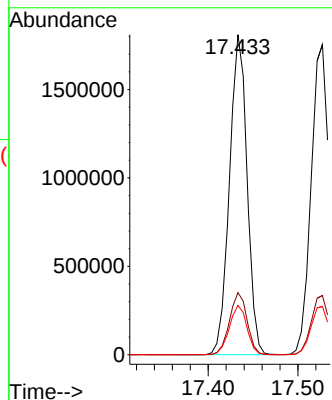
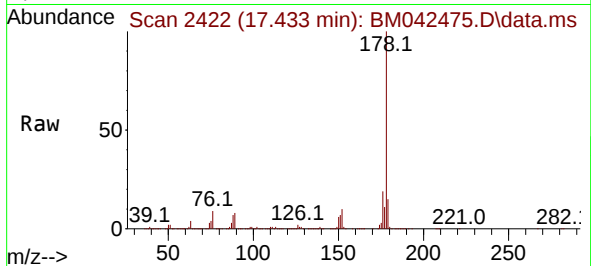
#71
Phenanthrene
Concen: 48.601 ng
RT: 17.433 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

Instrument :
BNA_M
ClientSampleId :
PB156565BS

Tgt Ion:178 Resp: 2464750
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.4 12.3 18.5

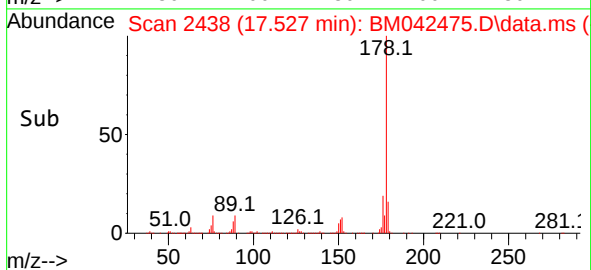
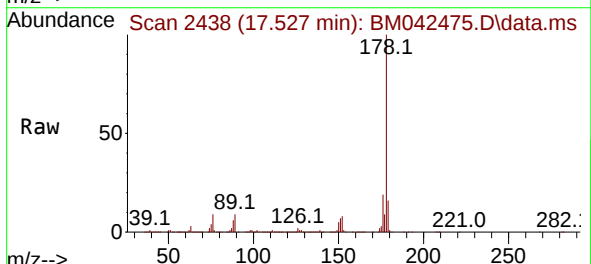
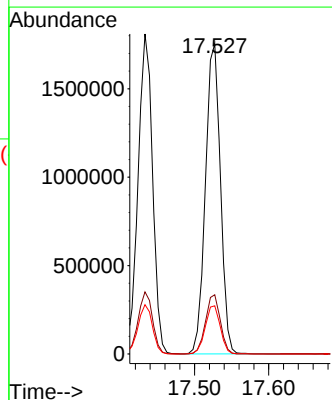
Manual Integrations
APPROVED

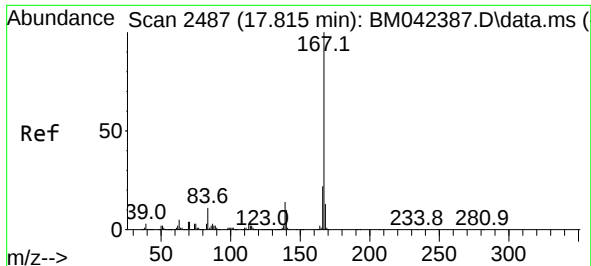
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#72
Anthracene
Concen: 49.182 ng
RT: 17.527 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

Tgt Ion:178 Resp: 2470229
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.5 12.1 18.1





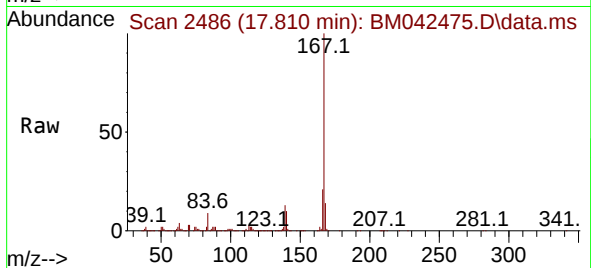
#73
 Carbazole
 Concen: 50.581 ng
 RT: 17.810 min Scan# 2487
 Delta R.T. -0.006 min
 Lab File: BM042475.D
 Acq: 27 Oct 2023 13:24

Instrument :

BNA_M

ClientSampleId :

PB156565BS



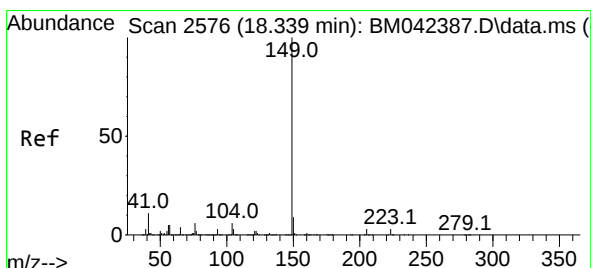
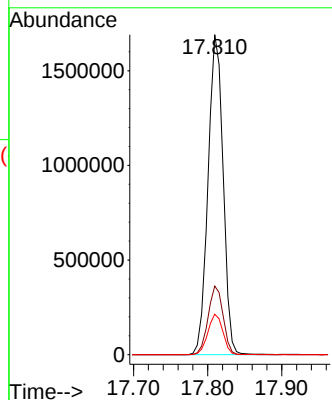
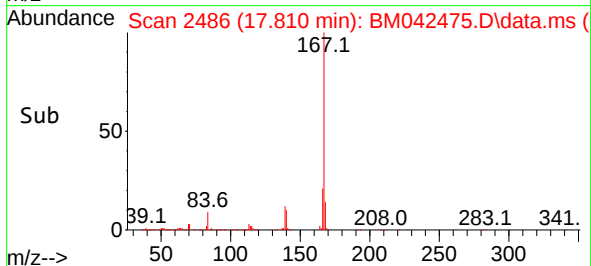
Tgt Ion:167 Resp: 2383308
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.0
 139 12.7 10.9 16.3

Manual Integrations

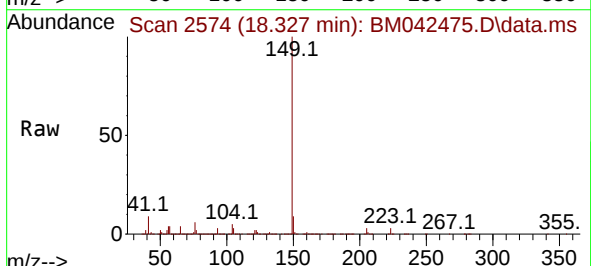
APPROVED

Reviewed By :Yogesh Patel 10/31/2023

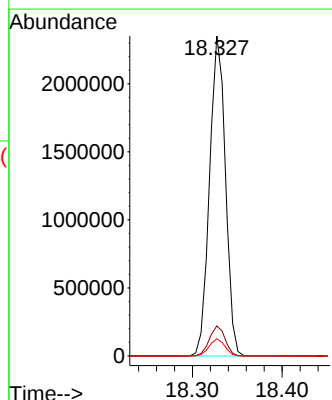
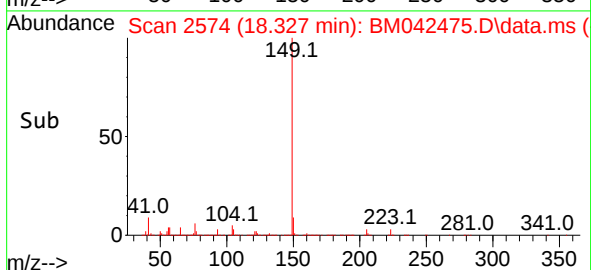
Supervised By :mohammad ahmed 10/31/2023

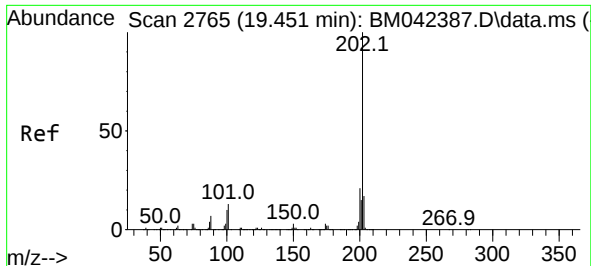


#74
 Di-n-butylphthalate
 Concen: 48.448 ng
 RT: 18.327 min Scan# 2574
 Delta R.T. -0.012 min
 Lab File: BM042475.D
 Acq: 27 Oct 2023 13:24



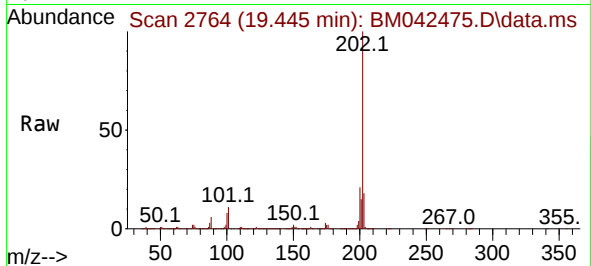
Tgt Ion:149 Resp: 2892366
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 5.3 4.6 7.0





#75
Fluoranthene
Concen: 55.154 ng
RT: 19.445 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

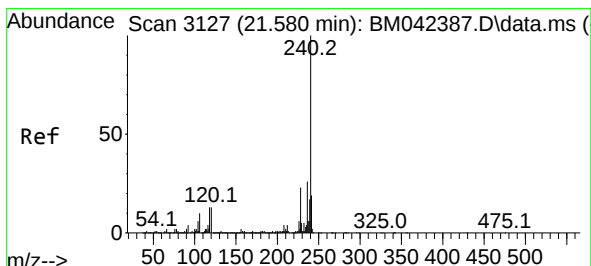
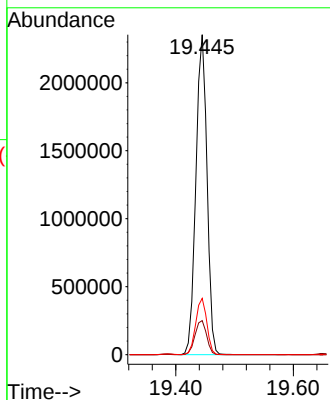
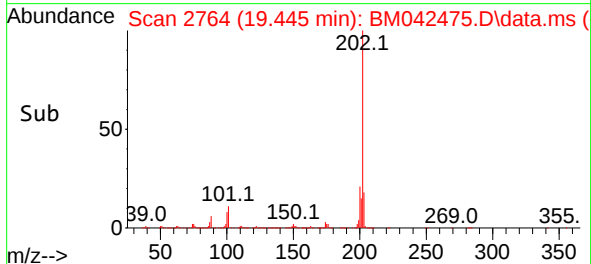
Instrument :
BNA_M
ClientSampleId :
PB156565BS



Tgt Ion:202 Resp: 308055
Ion Ratio Lower Upper
202 100
101 10.7 0.0 33.3
203 17.6 0.0 37.5

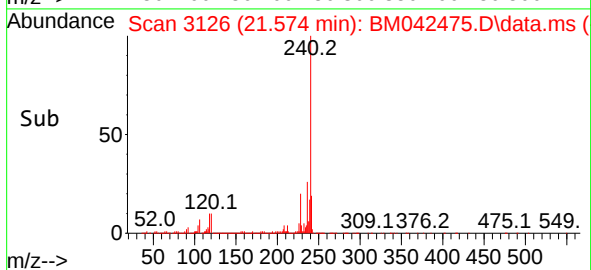
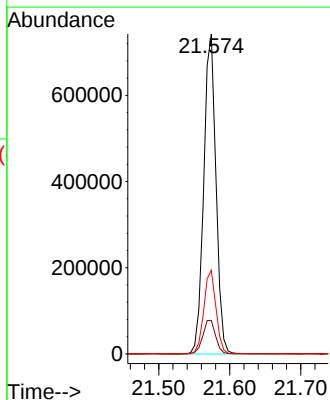
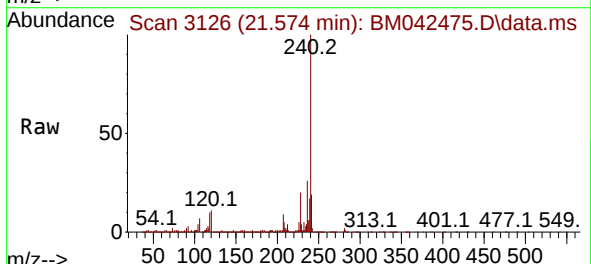
Manual Integrations
APPROVED

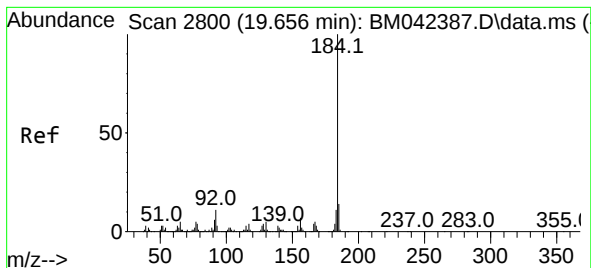
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3126
Delta R.T. -0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

Tgt Ion:240 Resp: 890657
Ion Ratio Lower Upper
240 100
120 10.5 10.7 16.1#
236 26.2 20.7 31.1





#77

Benzidine

Concen: 91.358 ng

RT: 19.651 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042475.D

Acq: 27 Oct 2023 13:24

Instrument :

BNA_M

ClientSampleId :

PB156565BS

Tgt Ion:184 Resp: 117694

Ion Ratio Lower Upper

184 100

185 14.2 11.5 17.3

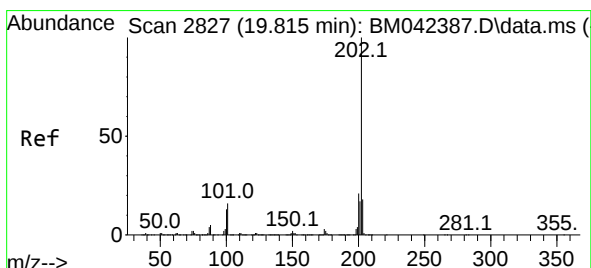
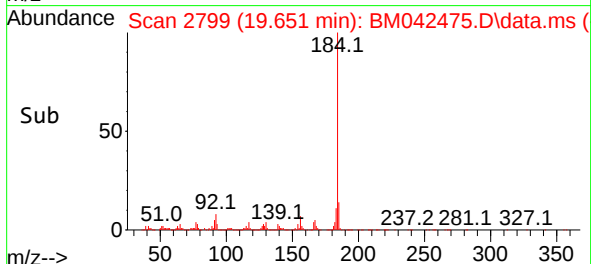
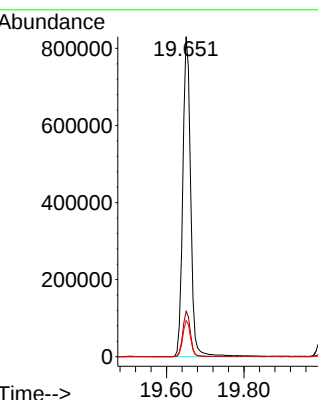
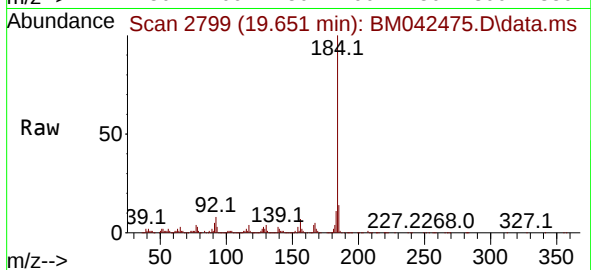
183 11.2 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#78

Pyrene

Concen: 51.236 ng

RT: 19.809 min Scan# 2826

Delta R.T. -0.006 min

Lab File: BM042475.D

Acq: 27 Oct 2023 13:24

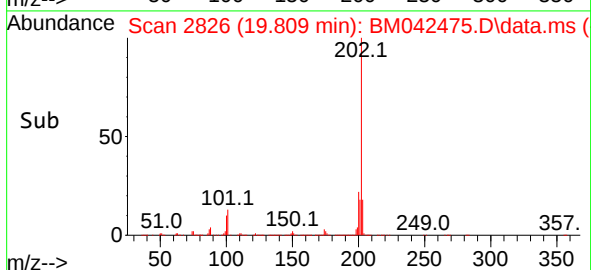
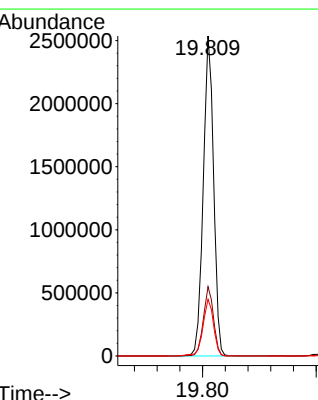
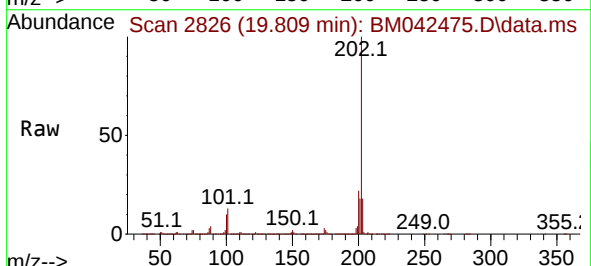
Tgt Ion:202 Resp: 3188838

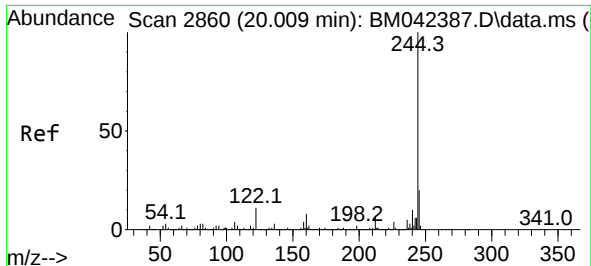
Ion Ratio Lower Upper

202 100

200 21.6 17.1 25.7

203 17.7 14.1 21.1





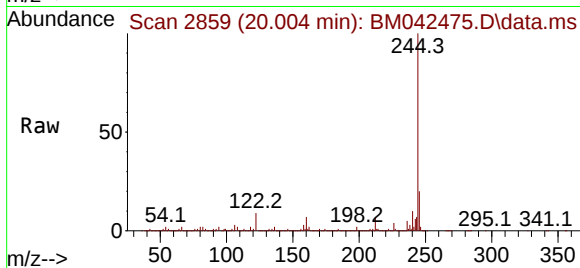
#79
Terphenyl-d14
Concen: 98.669 ng
RT: 20.004 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

Instrument :

BNA_M

ClientSampleId :

PB156565BS

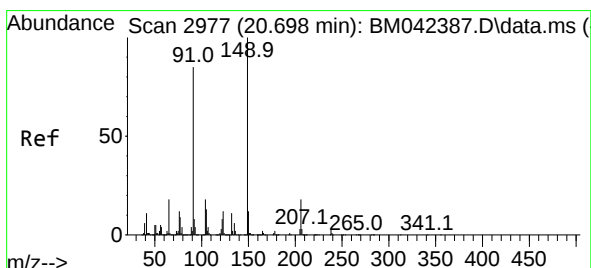
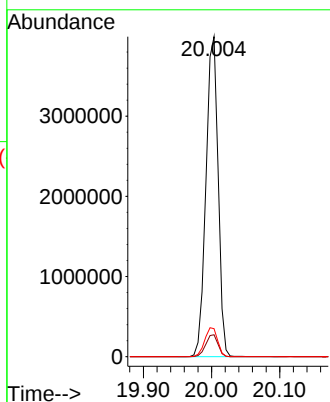
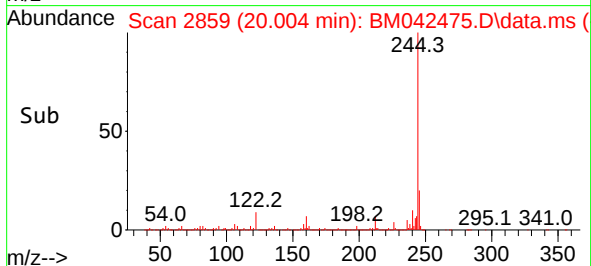


Tgt Ion:244 Resp: 4955210
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 8.7 8.8 13.2

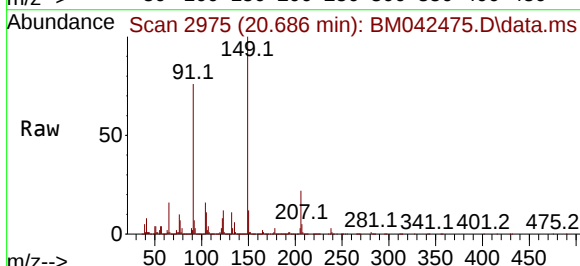
Manual Integrations

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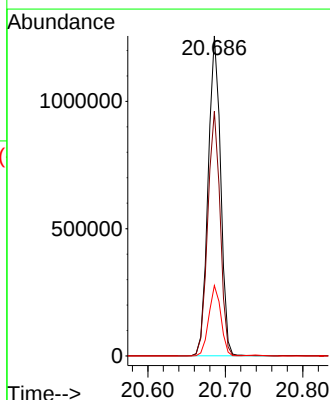
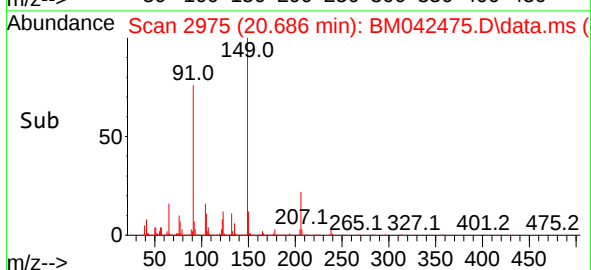
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

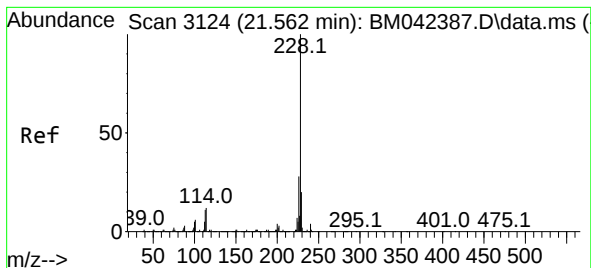


#80
Butylbenzylphthalate
Concen: 49.551 ng
RT: 20.686 min Scan# 2975
Delta R.T. -0.012 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24



Tgt Ion:149 Resp: 1401153
Ion Ratio Lower Upper
149 100
91 76.5 68.3 102.5
206 22.0 14.6 22.0





#81

Benzo(a)anthracene

Concen: 51.440 ng

RT: 21.556 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BM042475.D

Acq: 27 Oct 2023 13:24

Instrument :

BNA_M

ClientSampleId :

PB156565BS

Tgt Ion:228 Resp: 307137

Ion Ratio Lower Upper

228 100

226 27.4 22.2 33.4

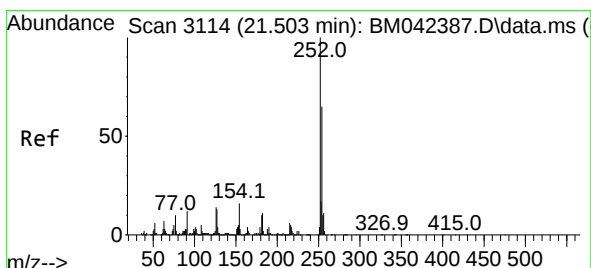
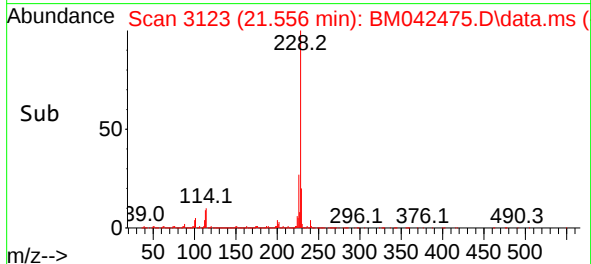
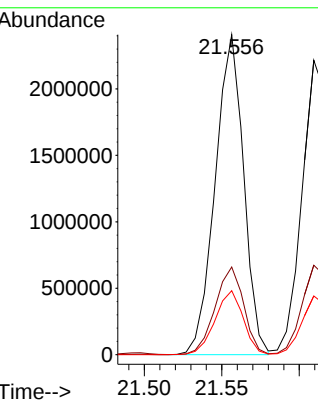
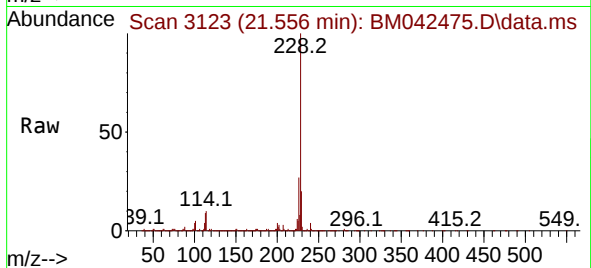
229 20.0 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#82

3,3'-Dichlorobenzidine

Concen: 59.748 ng

RT: 21.498 min Scan# 3113

Delta R.T. -0.005 min

Lab File: BM042475.D

Acq: 27 Oct 2023 13:24

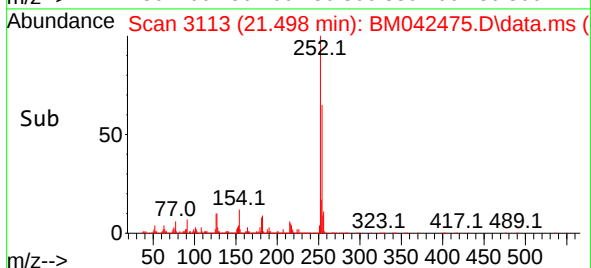
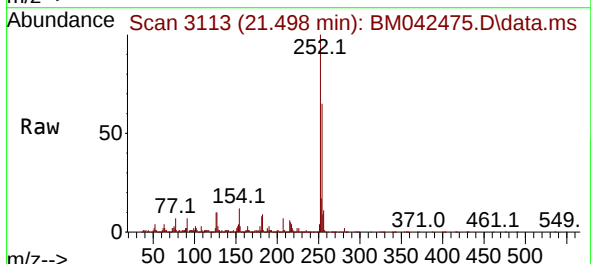
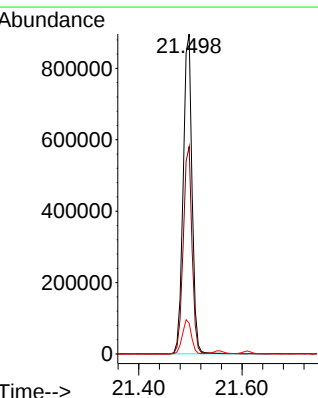
Tgt Ion:252 Resp: 1064948

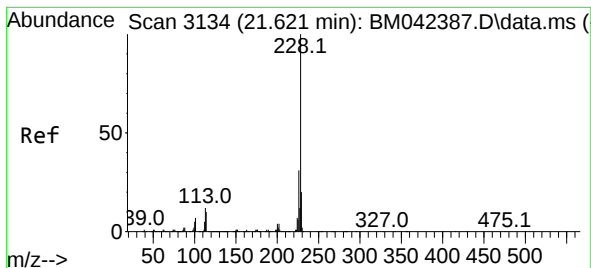
Ion Ratio Lower Upper

252 100

254 64.8 52.2 78.2

126 9.6 11.4 17.2#





#83

Chrysene

Concen: 48.193 ng

RT: 21.609 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM042475.D

Acq: 27 Oct 2023 13:24

Instrument :

BNA_M

ClientSampleId :

PB156565BS

Tgt Ion:228 Resp: 276374

Ion Ratio Lower Upper

228 100

226 30.4 24.6 36.8

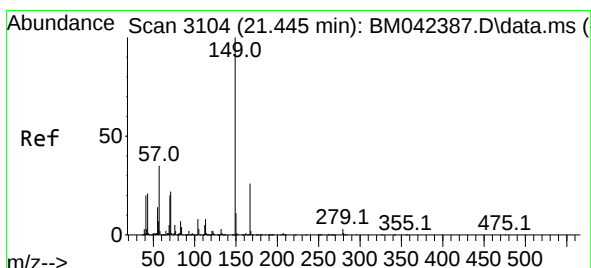
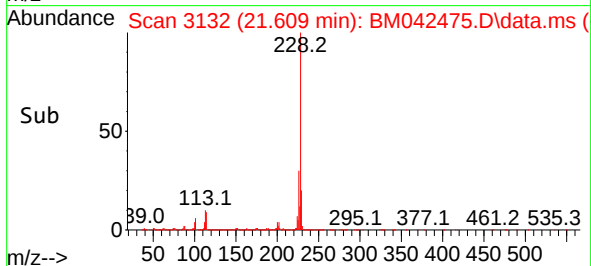
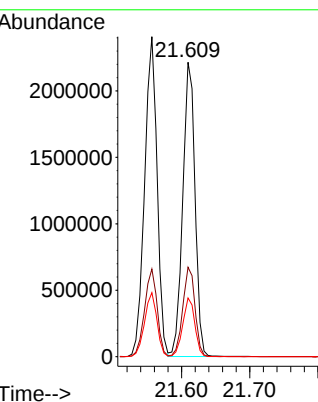
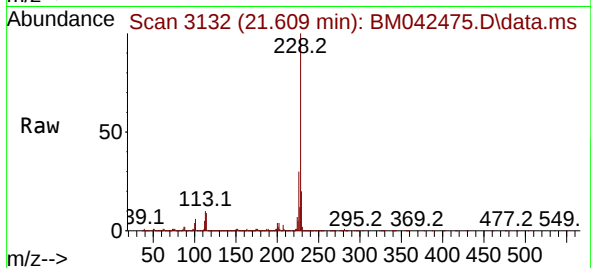
229 20.0 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.797 ng

RT: 21.433 min Scan# 3102

Delta R.T. -0.012 min

Lab File: BM042475.D

Acq: 27 Oct 2023 13:24

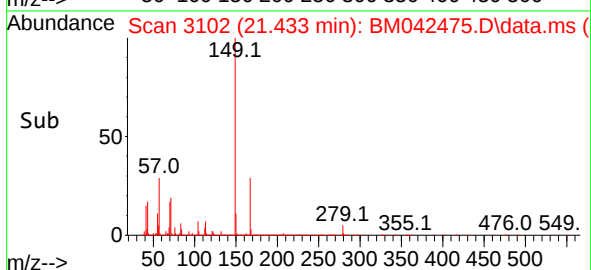
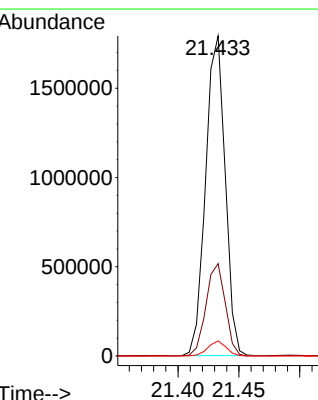
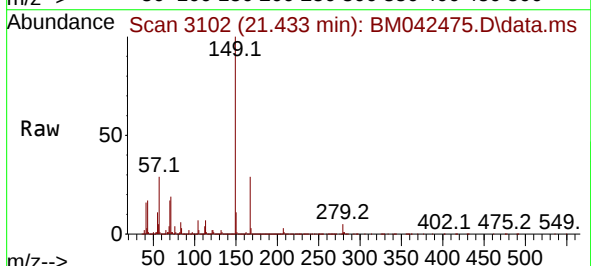
Tgt Ion:149 Resp: 2002668

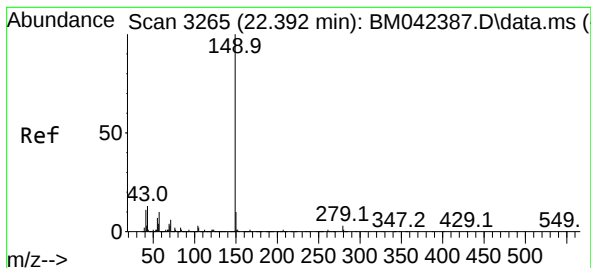
Ion Ratio Lower Upper

149 100

167 28.8 20.9 31.3

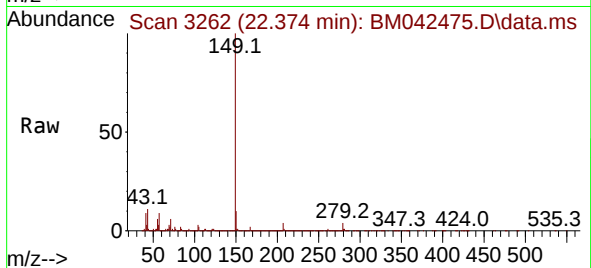
279 4.7 2.7 4.1#





#85
Di-n-octyl phthalate
Concen: 49.379 ng
RT: 22.374 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

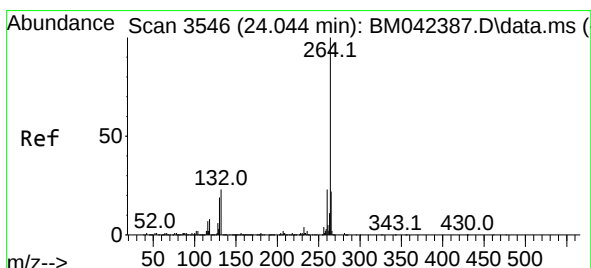
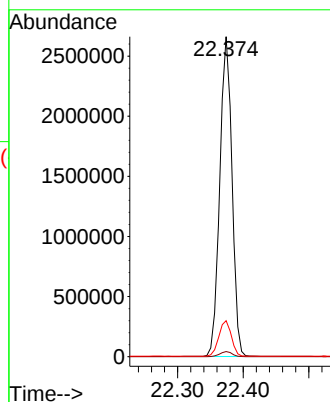
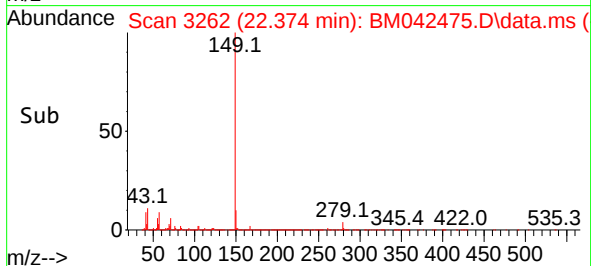
Instrument :
BNA_M
ClientSampleId :
PB156565BS



Tgt Ion:149 Resp: 342251
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.4 11.0 16.6

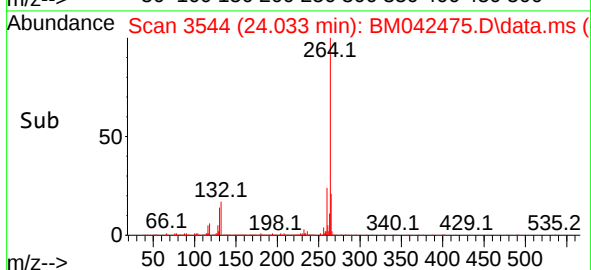
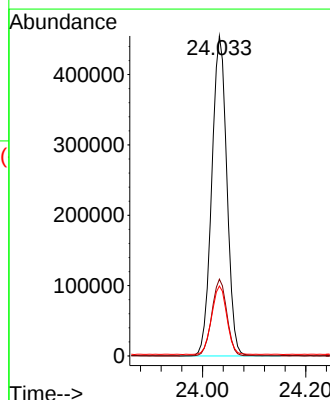
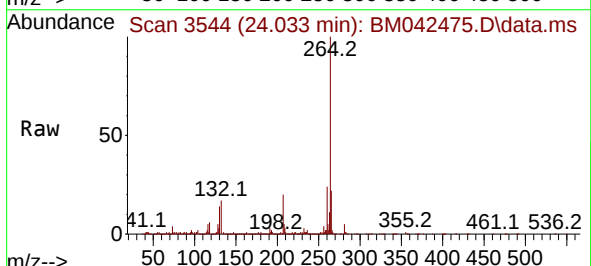
Manual Integrations
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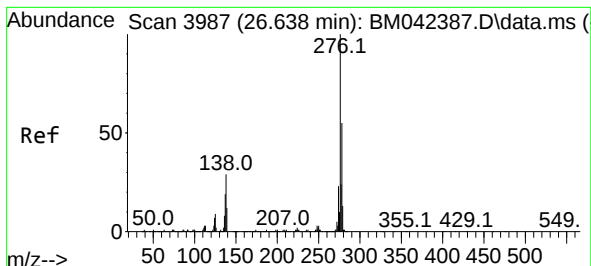
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.033 min Scan# 3544
Delta R.T. -0.012 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

Tgt Ion:264 Resp: 921884
Ion Ratio Lower Upper
264 100
260 24.0 18.6 27.8
265 21.9 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.501 ng

RT: 26.627 min Scan# 3985

Delta R.T. -0.012 min

Lab File: BM042475.D

Acq: 27 Oct 2023 13:24

Instrument :

BNA_M

ClientSampleId :

PB156565BS

Tgt Ion:276 Resp: 2930678

Ion Ratio Lower Upper

276 100

138 24.7 25.6 38.4

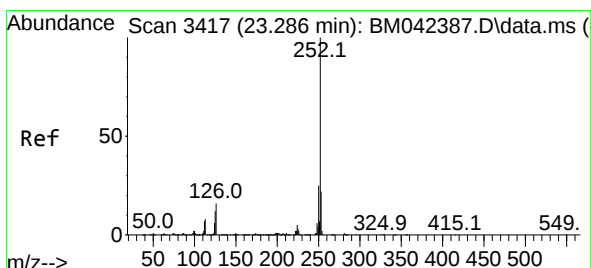
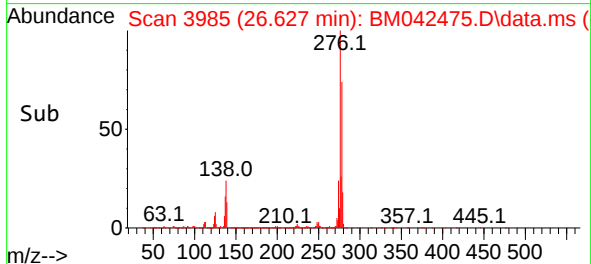
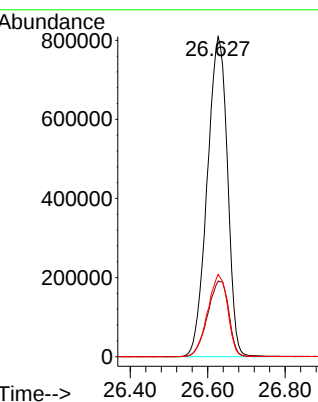
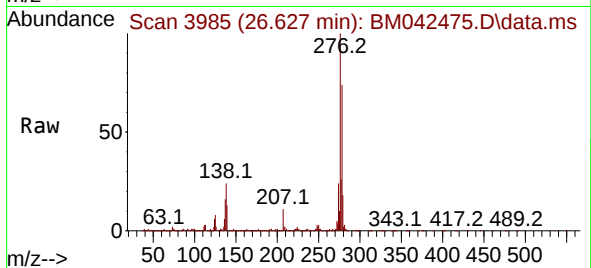
277 25.5 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#88

Benzo(b)fluoranthene

Concen: 52.701 ng

RT: 23.274 min Scan# 3415

Delta R.T. -0.012 min

Lab File: BM042475.D

Acq: 27 Oct 2023 13:24

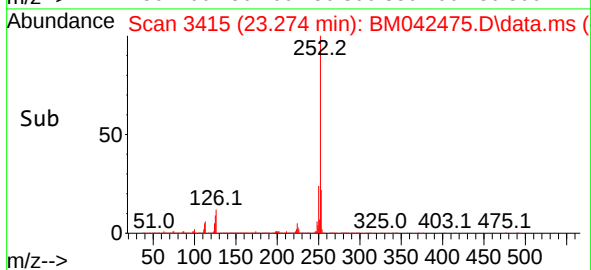
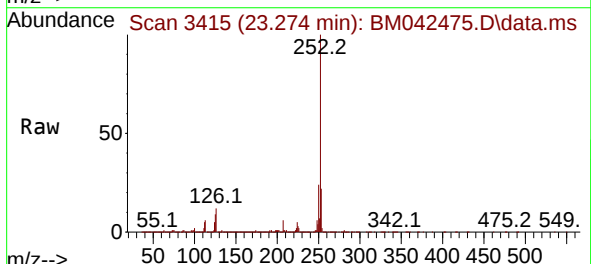
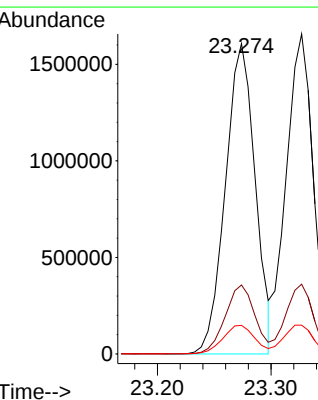
Tgt Ion:252 Resp: 2924414

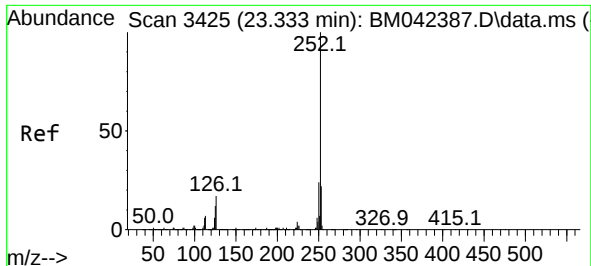
Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

125 9.2 9.8 14.8





#89
Benzo(k)fluoranthene
Concen: 47.357 ng
RT: 23.327 min Scan# 3425
Delta R.T. -0.006 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

Instrument :

BNA_M

ClientSampleId :

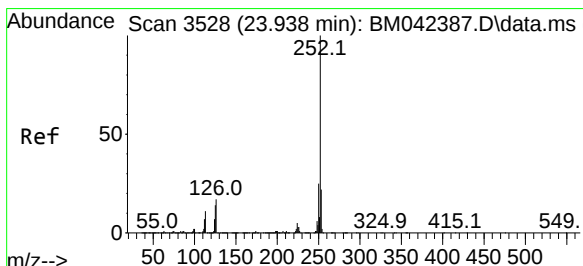
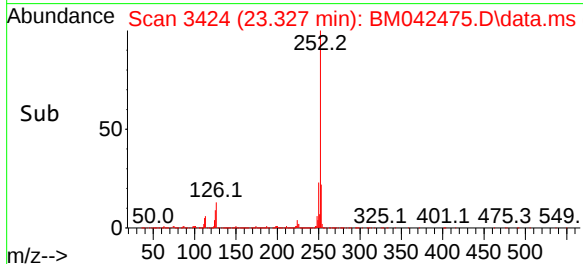
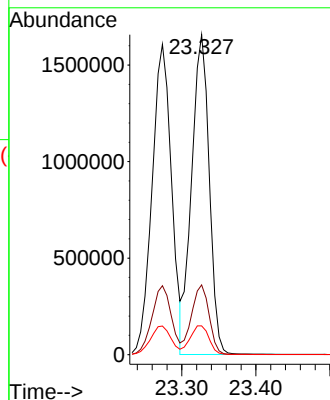
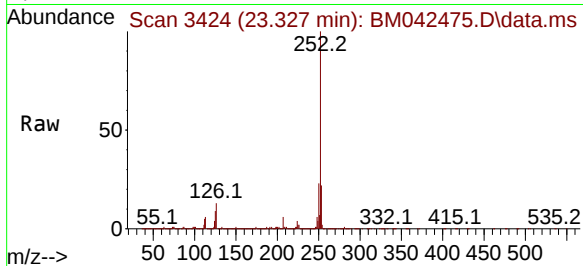
PB156565BS

Tgt Ion:252 Resp: 272830
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 9.0 10.2 15.2

Manual Integrations

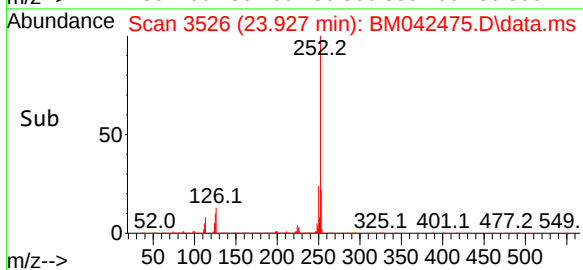
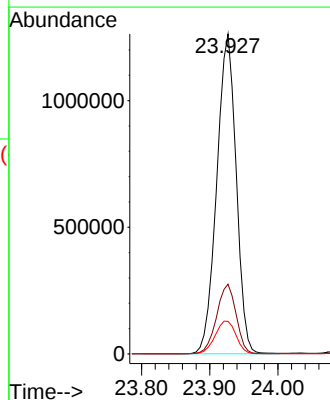
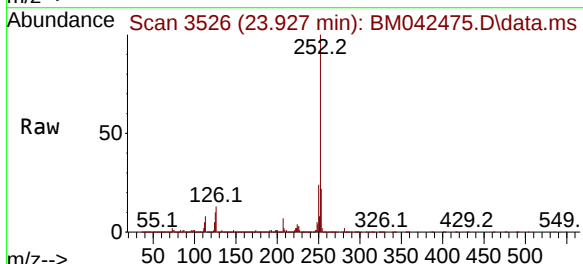
APPROVED

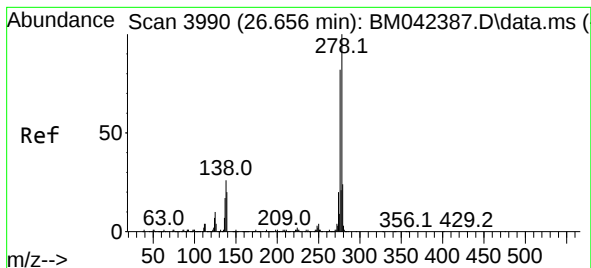
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#90
Benzo(a)pyrene
Concen: 46.847 ng
RT: 23.927 min Scan# 3526
Delta R.T. -0.012 min
Lab File: BM042475.D
Acq: 27 Oct 2023 13:24

Tgt Ion:252 Resp: 2502111
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 10.2 10.9 16.3





#91

Dibenzo(a,h)anthracene

Concen: 43.944 ng

RT: 26.644 min Scan# 3990

Delta R.T. -0.012 min

Lab File: BM042475.D

Acq: 27 Oct 2023 13:24

Instrument :

BNA_M

ClientSampleId :

PB156565BS

Tgt Ion:278 Resp: 246148

Ion Ratio Lower Upper

278 100

139 14.8 15.6 23.4

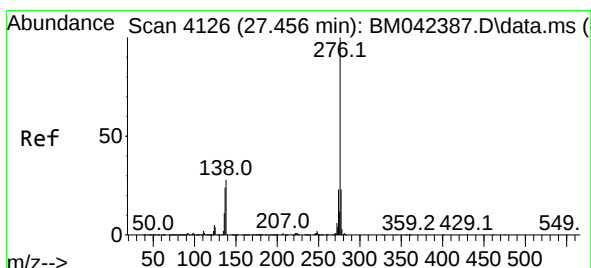
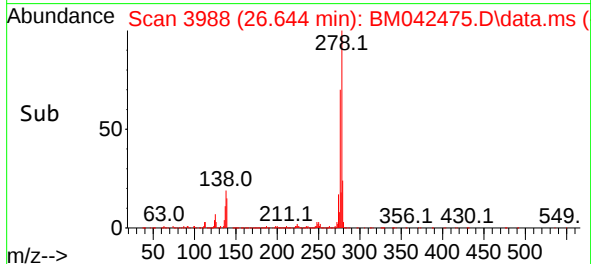
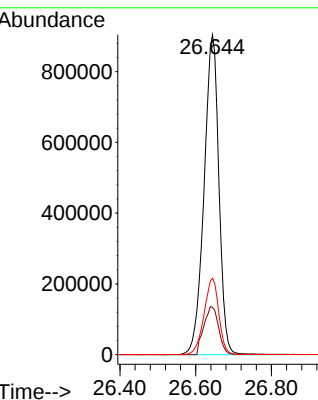
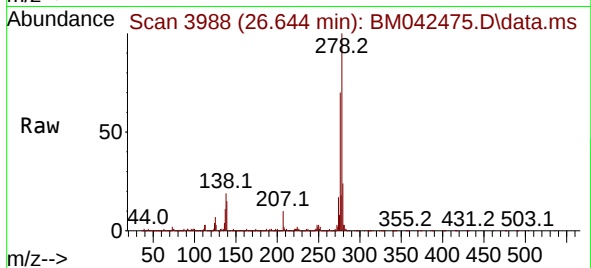
279 23.9 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#92

Benzo(g,h,i)perylene

Concen: 41.820 ng

RT: 27.438 min Scan# 4123

Delta R.T. -0.018 min

Lab File: BM042475.D

Acq: 27 Oct 2023 13:24

Tgt Ion:276 Resp: 2274957

Ion Ratio Lower Upper

276 100

277 24.2 18.3 27.5

138 21.6 22.6 34.0

