

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
 Data File : BM042575.D
 Acq On : 03 Nov 2023 17:59
 Operator : MA/JU
 Sample : 05220-06MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 Z-7(0-5)MSD

Quant Time: Nov 03 22:39:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:52:20 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/04/2023
 Supervised By :mohammad ahmed 11/04/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	49979	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	182795	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	112829	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	256498	20.000	ng	# 0.00
76) Chrysene-d12	21.509	240	269024	20.000	ng	0.00
86) Perylene-d12	23.933	264	284450	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	269330	86.970	ng	0.01
7) Phenol-d6	7.087	99	348549	82.066	ng	0.01
23) Nitrobenzene-d5	9.116	82	247459	63.107	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	157309	106.789	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	491664	58.636	ng	0.00
79) Terphenyl-d14	19.933	244	885519	55.813	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.305	88	55205	37.405	ng	96
3) Pyridine	3.728	79	145873m	34.455	ng	
4) n-Nitrosodimethylamine	3.657	42	110616	54.292	ng	# 79
6) Aniline	7.263	93	188610	34.936	ng	98
8) 2-Chlorophenol	7.475	128	159854	47.871	ng	98
9) Benzaldehyde	7.075	77	42278	17.272	ng	95
10) Phenol	7.110	94	204902	47.503	ng	90
11) bis(2-Chloroethyl)ether	7.357	93	163266	44.741	ng	99
12) 1,3-Dichlorobenzene	7.792	146	179370	49.702	ng	97
13) 1,4-Dichlorobenzene	7.957	146	793983	217.386	ng	97
14) 1,2-Dichlorobenzene	8.263	146	174146	49.385	ng	99
15) Benzyl Alcohol	8.181	79	152554m	50.736	ng	
16) 2,2'-oxybis(1-Chloropr...	8.445	45	254805m	43.878	ng	
17) 2-Methylphenol	8.369	107	132875	43.505	ng	96
18) Hexachloroethane	8.975	117	66944	46.843	ng	92
19) n-Nitroso-di-n-propyla...	8.734	70	136834	45.543	ng	92
20) 3+4-Methylphenols	8.704	107	181022	44.331	ng	94
22) Acetophenone	8.769	105	245617	53.277	ng	# 96
24) Nitrobenzene	9.163	77	204106	52.847	ng	99
25) Isophorone	9.669	82	363521	52.376	ng	98
26) 2-Nitrophenol	9.863	139	85369	51.687	ng	# 94
27) 2,4-Dimethylphenol	9.904	122	124087	46.734	ng	92
28) bis(2-Chloroethoxy)met...	10.157	93	207354	49.590	ng	100
29) 2,4-Dichlorophenol	10.386	162	152844	58.178	ng	99
30) 1,2,4-Trichlorobenzene	10.586	180	170939	59.371	ng	99
31) Naphthalene	10.786	128	540788	57.262	ng	100
32) Benzoic acid	10.069	122	110367	50.841	ng	94
33) 4-Chloroaniline	10.933	127	136188	36.983	ng	98
34) Hexachlorobutadiene	11.010	225	115519	66.084	ng	99
35) Caprolactam	11.769	113	45825m	49.645	ng	
36) 4-Chloro-3-methylphenol	12.039	107	157728	52.754	ng	99
37) 2-Methylnaphthalene	12.392	142	348029	52.326	ng	98
38) 1-Methylnaphthalene	12.616	142	337143	53.852	ng	100
40) 1,2,4,5-Tetrachloroben...	12.745	216	198050	58.756	ng	99
41) Hexachlorocyclopentadiene	12.686	237	34685	21.954	ng	99
43) 2,4,6-Trichlorophenol	13.004	196	127929	59.255	ng	97

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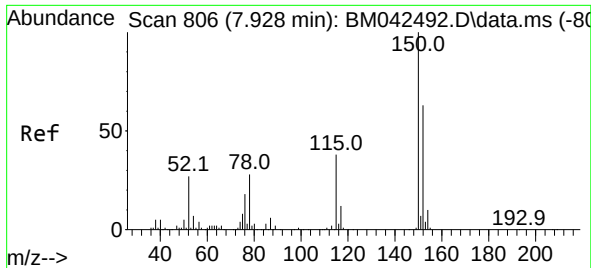
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.080	196	139126	54.153	ng	96
46) 1,1'-Biphenyl	13.404	154	455544	52.818	ng	98
47) 2-Chloronaphthalene	13.451	162	340193	53.766	ng	100
48) 2-Nitroaniline	13.692	65	124707	48.787	ng	99
49) Acenaphthylene	14.298	152	879777	83.957	ng	99
50) Dimethylphthalate	14.033	163	425505	50.458	ng	99
51) 2,6-Dinitrotoluene	14.186	165	90801	52.245	ng	99
52) Acenaphthene	14.633	154	376238	59.160	ng	98
53) 3-Nitroaniline	14.521	138	75311	39.489	ng	97
54) 2,4-Dinitrophenol	14.733	184	47896	42.823	ng	96
55) Dibenzofuran	14.968	168	620427	60.002	ng	99
56) 4-Nitrophenol	14.827	139	152439	95.087	ng	92
57) 2,4-Dinitrotoluene	14.968	165	127656	48.431	ng	95
58) Fluorene	15.615	166	539942	64.539	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.192	232	126145	58.295	ng	# 96
60) Diethylphthalate	15.380	149	446657	52.281	ng	99
61) 4-Chlorophenyl-phenyle...	15.604	204	232667	55.048	ng	99
62) 4-Nitroaniline	15.686	138	80161	46.281	ng	# 86
63) Azobenzene	15.904	77	484866	51.502	ng	90
65) 4,6-Dinitro-2-methylph...	15.721	198	34472	24.199	ng	94
66) n-Nitrosodiphenylamine	15.833	169	367241	50.778	ng	99
67) 4-Bromophenyl-phenylether	16.504	248	142386	55.515	ng	99
68) Hexachlorobenzene	16.592	284	168450	59.367	ng	96
69) Atrazine	16.786	200	139512	66.759	ng	98
70) Pentachlorophenol	16.957	266	231542	110.997	ng	99
71) Phenanthrene	17.368	178	1686360	125.807	ng	100
72) Anthracene	17.457	178	1313573	98.937	ng	100
73) Carbazole	17.745	167	686640	63.572	ng	99
74) Di-n-butylphthalate	18.262	149	863549	56.933	ng	98
75) Fluoranthene	19.386	202	3703404	235.201	ng	97
77) Benzidine	19.592	184	524766	203.354	ng	100
78) Pyrene	19.756	202	3680544	199.240	ng	99
80) Butylbenzylphthalate	20.621	149	411218	52.120	ng	98
81) Benzo(a)anthracene	21.497	228	2454597	143.404	ng	97
82) 3,3'-Dichlorobenzidine	21.433	252	306124	56.273	ng	100
83) Chrysene	21.550	228	2055251	118.206	ng	98
84) Bis(2-ethylhexyl)phtha...	21.368	149	667167	55.951	ng	99
85) Di-n-octyl phthalate	22.297	149	1051805	51.247	ng	99
87) Indeno(1,2,3-cd)pyrene	26.485	276	1707691	100.869	ng	# 91
88) Benzo(b)fluoranthene	23.191	252	2223207m	140.289	ng	
89) Benzo(k)fluoranthene	23.238	252	1472800m	83.403	ng	
90) Benzo(a)pyrene	23.833	252	1987303m	127.375	ng	
91) Dibenzo(a,h)anthracene	26.497	278	1033487	64.563	ng	# 95
92) Benzo(g,h,i)perylene	27.285	276	1456481	97.612	ng	# 94

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



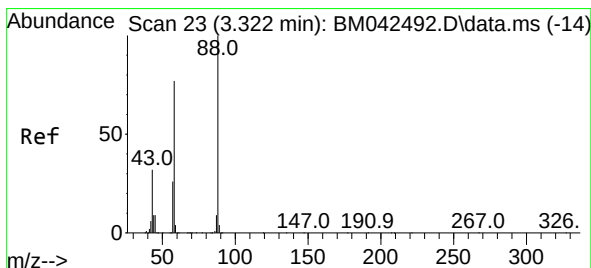
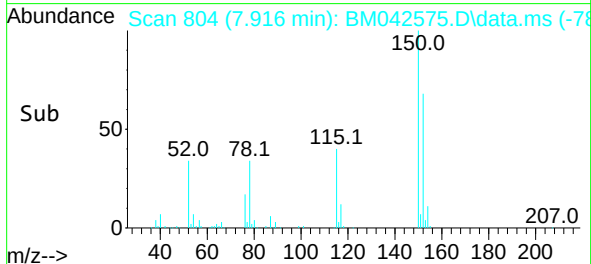
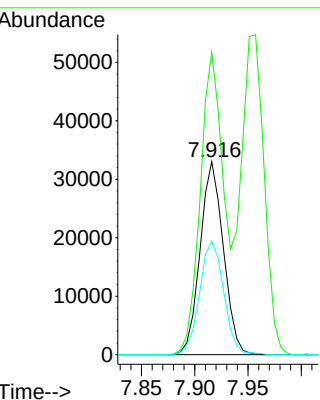
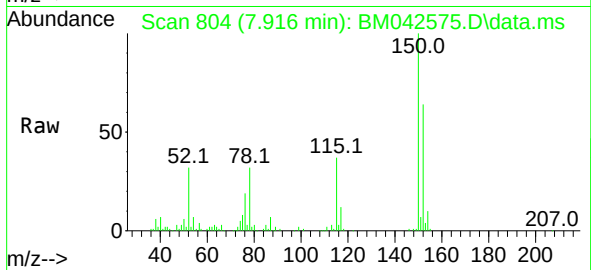
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 80
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD

Tgt Ion: 152 Resp: 49979
Ion Ratio Lower Upper
152 100
150 156.7 127.4 191.0
115 58.7 47.9 71.9

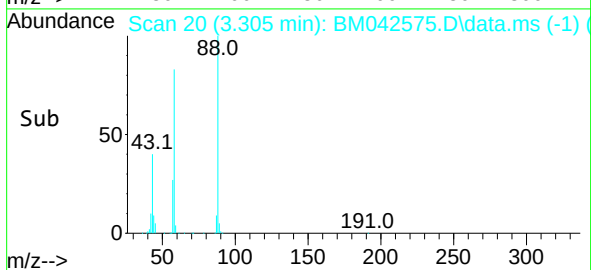
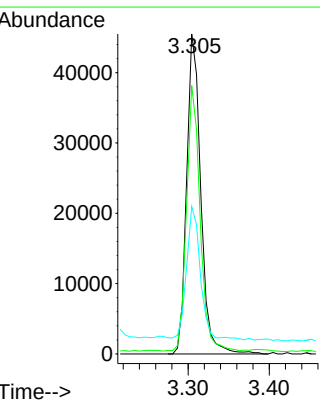
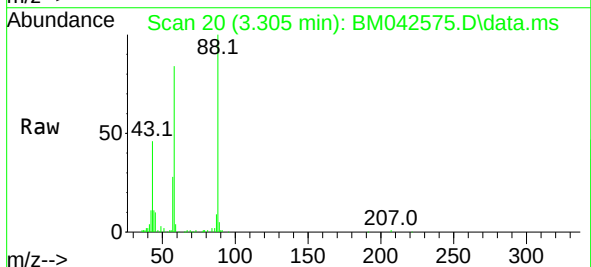
Manual Integrations
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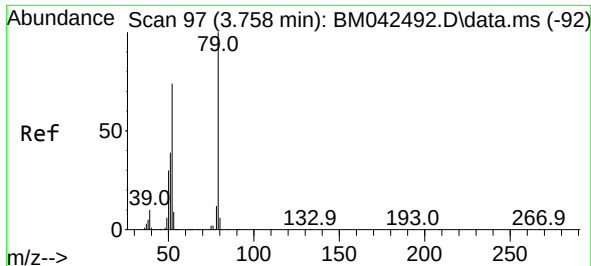
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#2
1,4-Dioxane
Concen: 37.405 ng
RT: 3.305 min Scan# 20
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

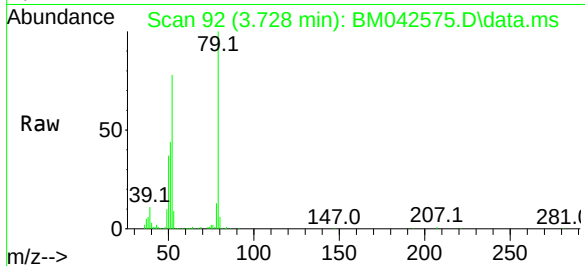
Tgt Ion: 88 Resp: 55205
Ion Ratio Lower Upper
88 100
58 79.6 62.6 93.8
43 38.5 26.5 39.7





#3
Pyridine
Concen: 34.455 ng m
RT: 3.728 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

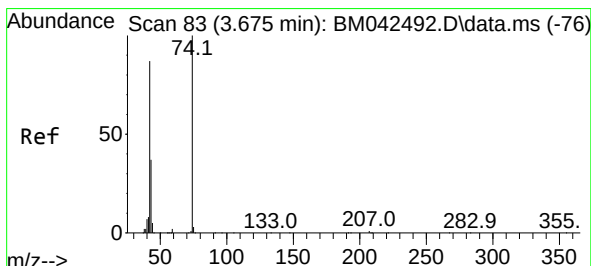
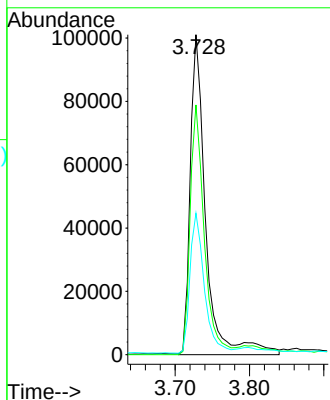
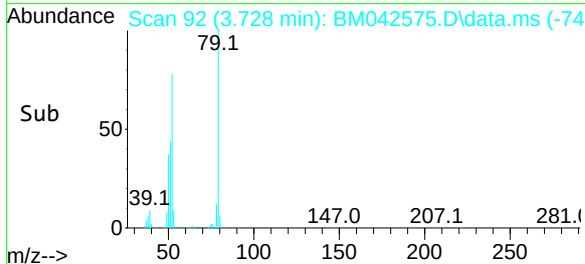
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD



Tgt Ion: 79 Resp: 14587
Ion Ratio Lower Upper
79 100
52 78.1 59.3 88.9
51 44.2 32.7 49.1

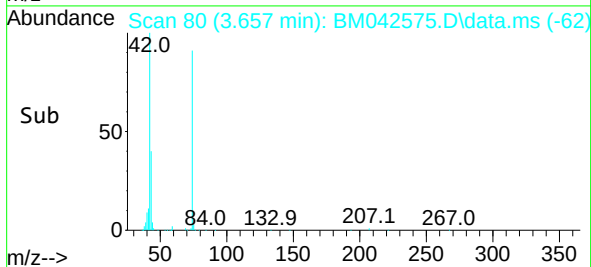
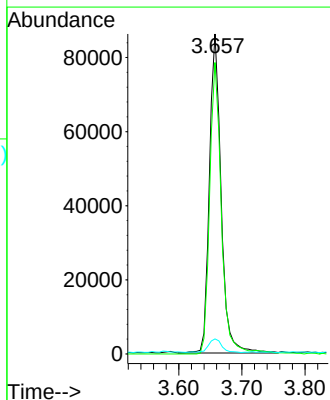
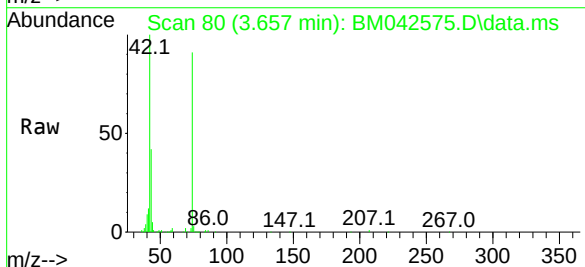
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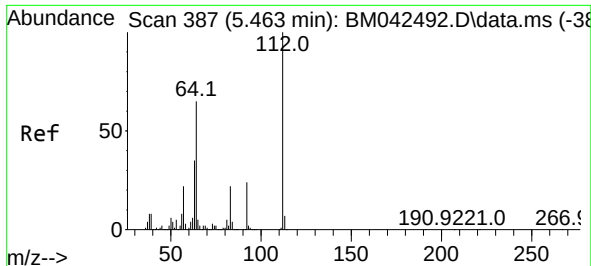
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#4
n-Nitrosodimethylamine
Concen: 54.292 ng
RT: 3.657 min Scan# 80
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Tgt Ion: 42 Resp: 110616
Ion Ratio Lower Upper
42 100
74 91.1 92.2 138.2#
44 4.7 5.1 7.7#





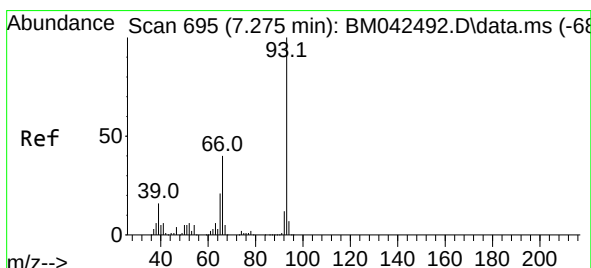
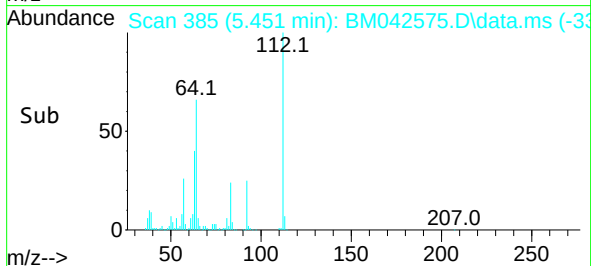
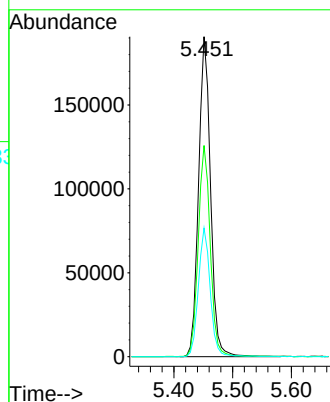
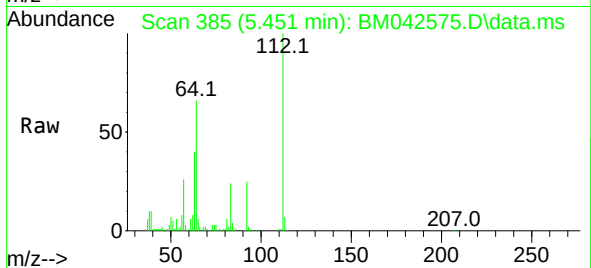
#5
2-Fluorophenol
Concen: 86.970 ng
RT: 5.451 min Scan# 387
Delta R.T. 0.011 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD

Tgt Ion: 112 Resp: 269330
Ion Ratio Lower Upper
112 100
64 66.0 52.1 78.1
63 40.2 28.3 42.5

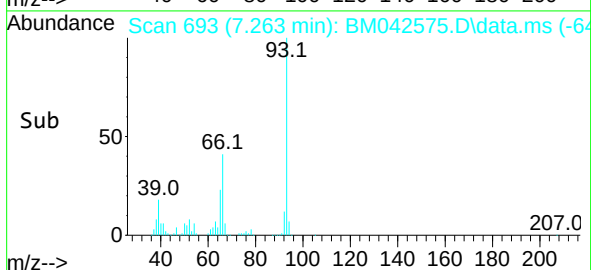
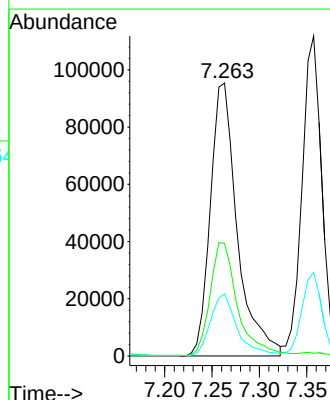
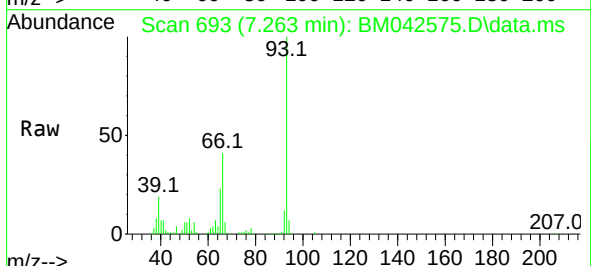
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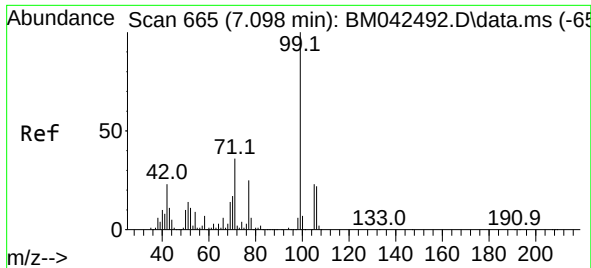
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#6
Aniline
Concen: 34.936 ng
RT: 7.263 min Scan# 693
Delta R.T. 0.011 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Tgt Ion: 93 Resp: 188610
Ion Ratio Lower Upper
93 100
66 41.3 32.2 48.2
65 22.7 17.0 25.6





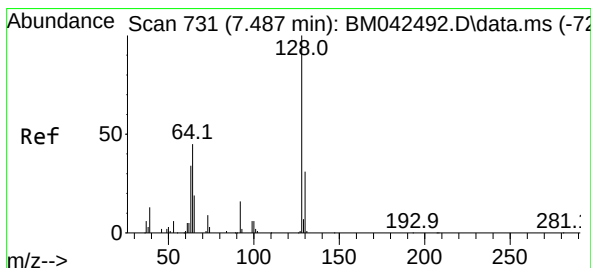
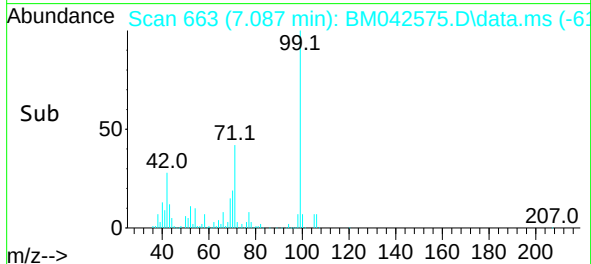
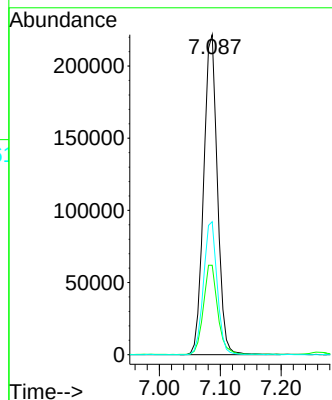
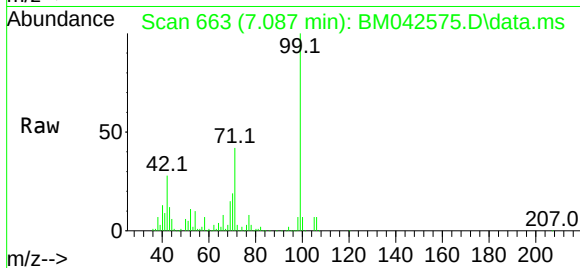
#7
Phenol-d6
Concen: 82.066 ng
RT: 7.087 min Scan# 60
Delta R.T. 0.011 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD

Tgt Ion: 99 Resp: 348549
Ion Ratio Lower Upper
99 100
42 27.9 18.7 28.1
71 41.6 29.1 43.7

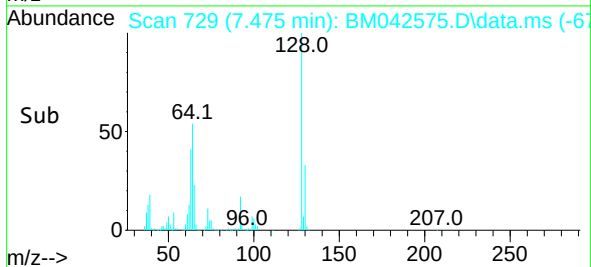
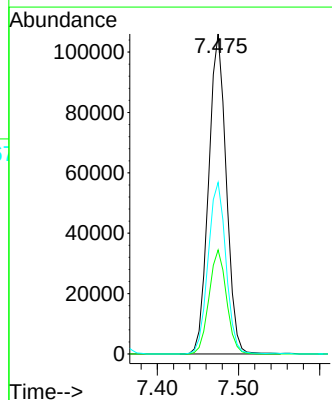
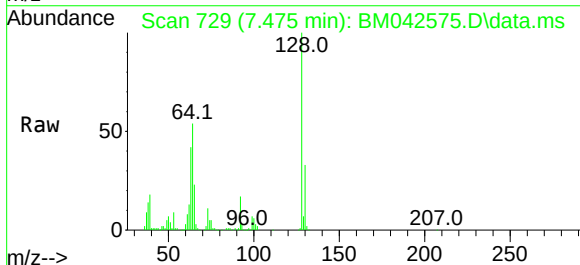
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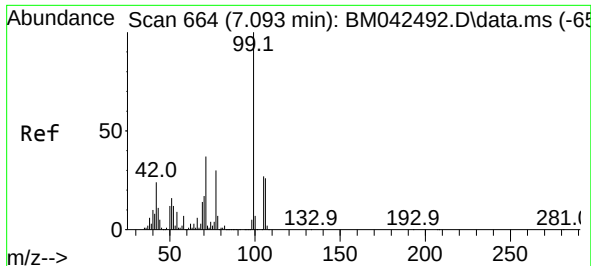
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#8
2-Chlorophenol
Concen: 47.871 ng
RT: 7.475 min Scan# 729
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Tgt Ion:128 Resp: 159854
Ion Ratio Lower Upper
128 100
130 32.5 11.2 51.2
64 53.6 34.4 74.4





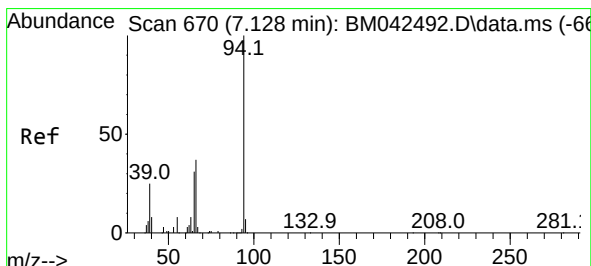
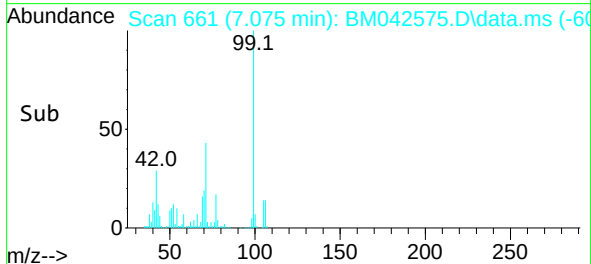
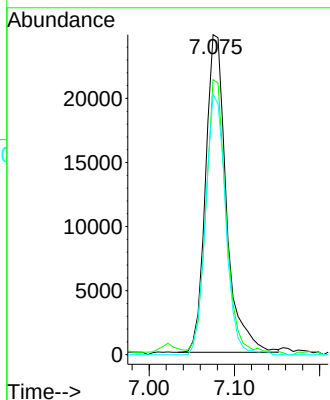
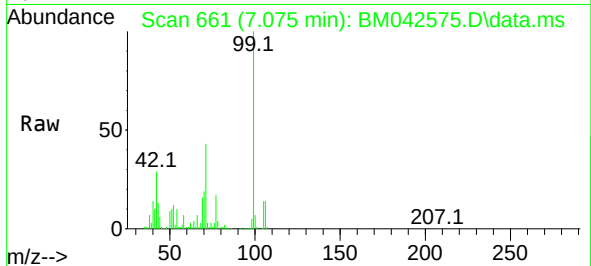
#9
Benzaldehyde
Concen: 17.272 ng
RT: 7.075 min Scan# 664
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD

Tgt Ion: 77 Resp: 42278
Ion Ratio Lower Upper
77 100
105 85.9 69.7 109.7
106 81.3 66.4 106.4

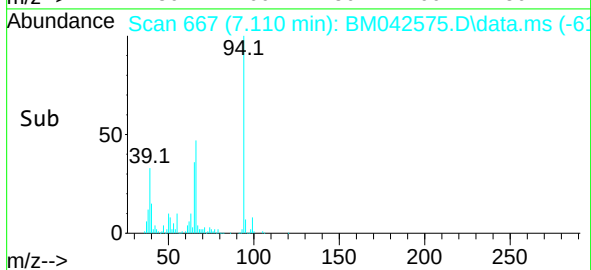
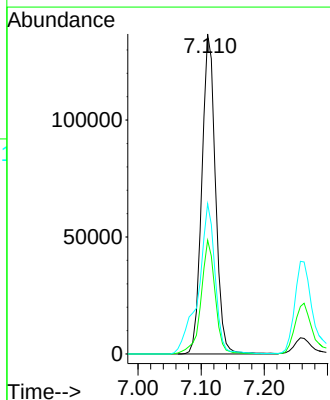
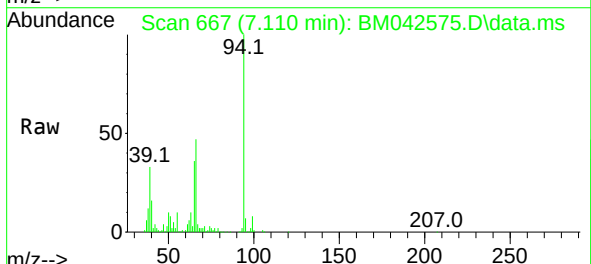
Manual Integrations
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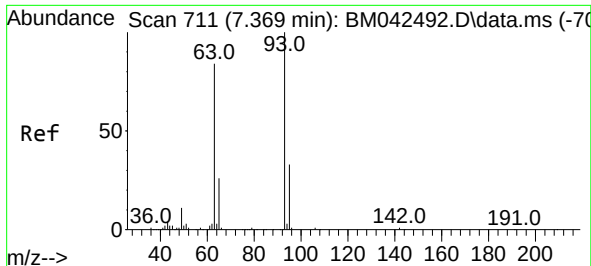
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#10
Phenol
Concen: 47.503 ng
RT: 7.110 min Scan# 667
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

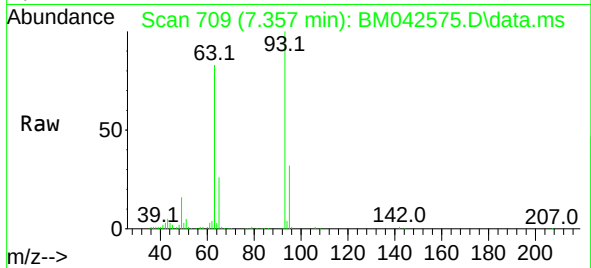
Tgt Ion: 94 Resp: 204902
Ion Ratio Lower Upper
94 100
65 35.6 11.5 51.5
66 47.0 20.0 60.0





#11
bis(2-Chloroethyl)ether
Concen: 44.741 ng
RT: 7.357 min Scan# 709
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

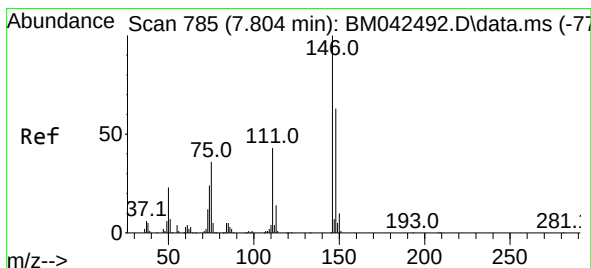
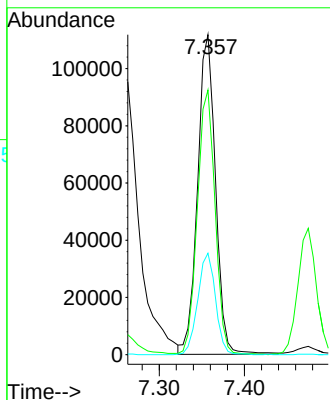
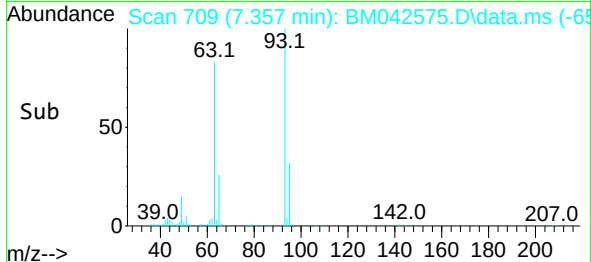
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD



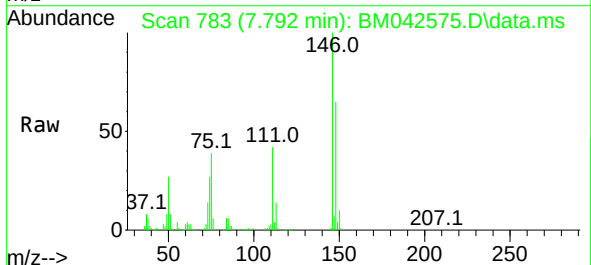
Tgt Ion: 93 Resp: 163260
Ion Ratio Lower Upper
93 100
63 82.7 63.2 103.2
95 31.7 12.3 52.3

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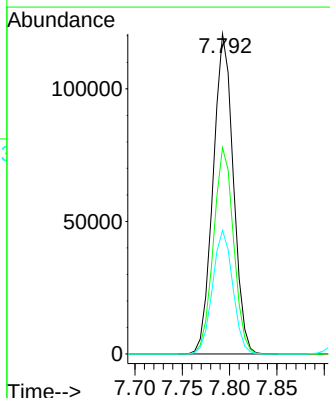
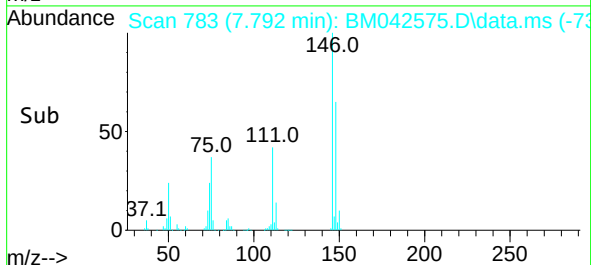
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

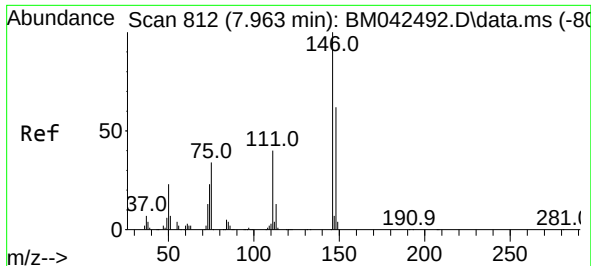


#12
1,3-Dichlorobenzene
Concen: 49.702 ng
RT: 7.792 min Scan# 783
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59



Tgt Ion:146 Resp: 179370
Ion Ratio Lower Upper
146 100
148 64.5 50.4 75.6
75 38.6 28.9 43.3





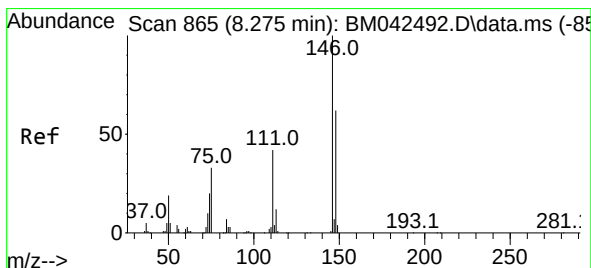
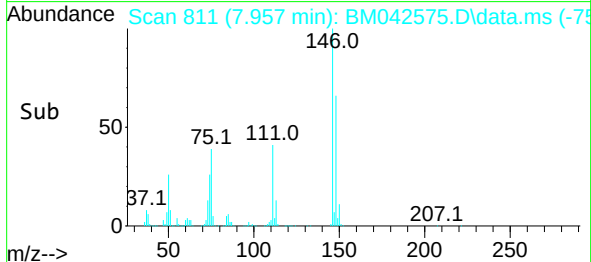
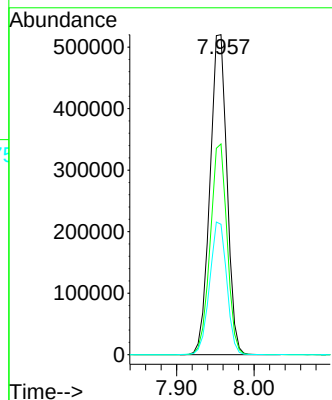
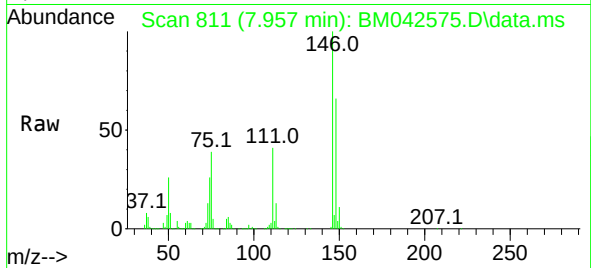
#13
1,4-Dichlorobenzene
Concen: 217.386 ng
RT: 7.957 min Scan# 811
Delta R.T. 0.011 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD

Tgt Ion:146 Resp: 79398
Ion Ratio Lower Upper
146 100
148 65.8 50.0 75.0
111 40.8 32.5 48.7

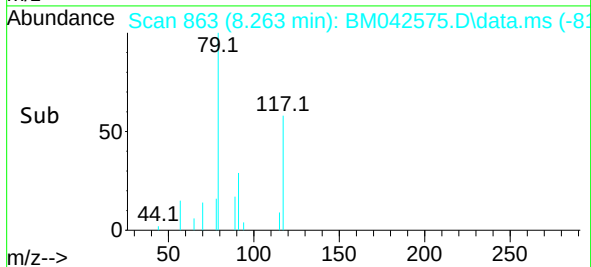
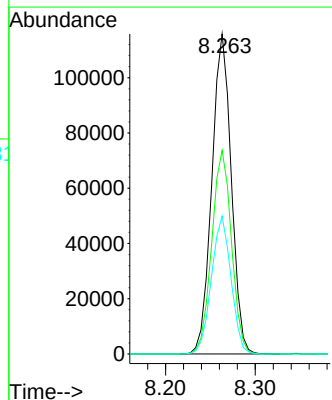
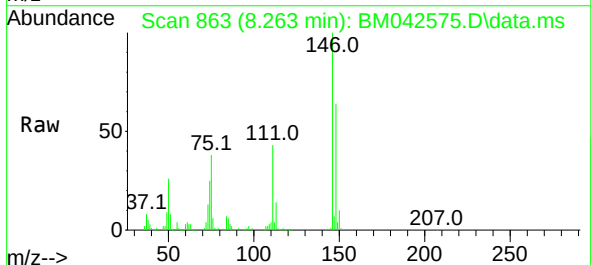
Manual Integrations
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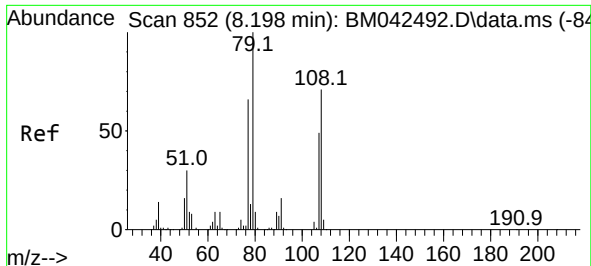
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#14
1,2-Dichlorobenzene
Concen: 49.385 ng
RT: 8.263 min Scan# 863
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

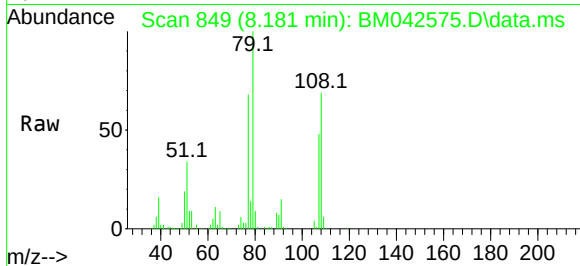
Tgt Ion:146 Resp: 174146
Ion Ratio Lower Upper
146 100
148 63.7 50.0 75.0
111 43.1 34.5 51.7





#15
Benzyl Alcohol
Concen: 50.736 ng m
RT: 8.181 min Scan# 84
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

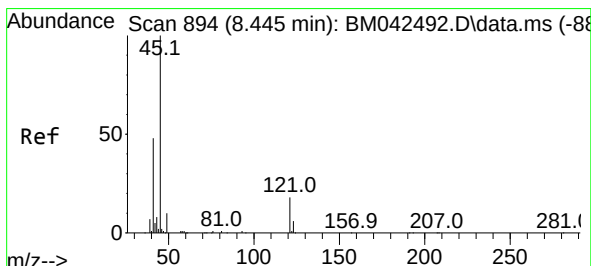
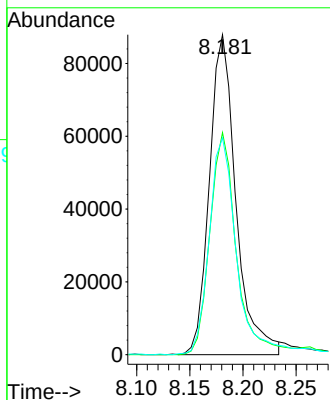
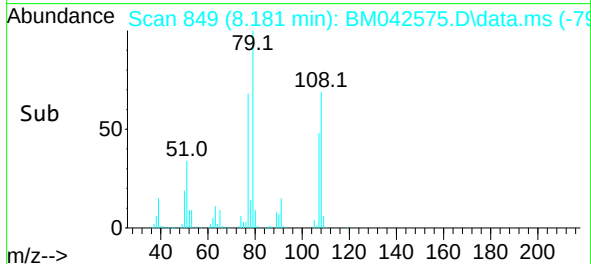
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD



Tgt Ion: 79 Resp: 152554
Ion Ratio Lower Upper
79 100
108 69.4 56.8 85.2
77 67.8 53.0 79.4

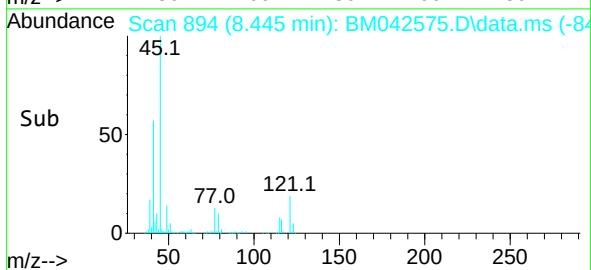
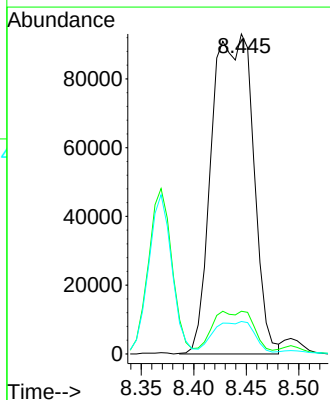
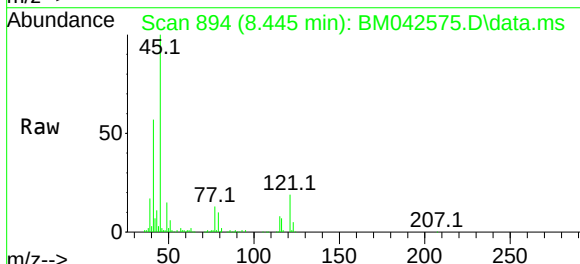
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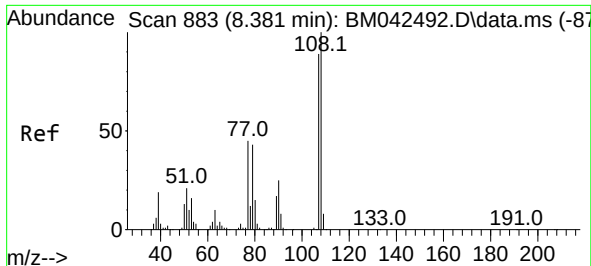
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.878 ng m
RT: 8.445 min Scan# 894
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Tgt Ion: 45 Resp: 254805
Ion Ratio Lower Upper
45 100
77 13.3 0.0 33.0
79 10.1 0.0 29.5





#17

2-Methylphenol

Concen: 43.505 ng

RT: 8.369 min Scan# 81

Delta R.T. 0.011 min

Lab File: BM042575.D

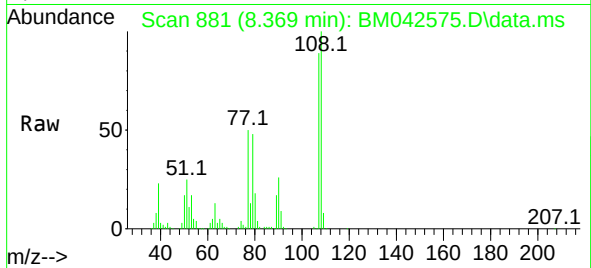
Acq: 03 Nov 2023 17:59

Instrument :

BNA_M

ClientSampleId :

Z-7(0-5)MSD



Tgt Ion:107 Resp: 13287

Ion Ratio Lower Upper

107 100

108 112.1 90.4 135.6

77 55.9 40.6 60.8

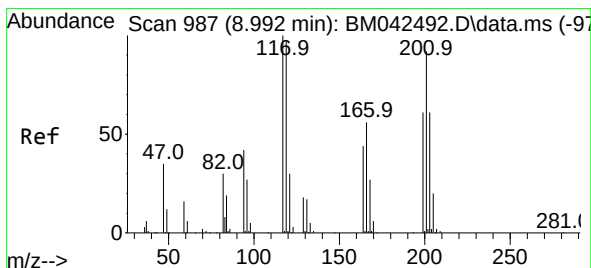
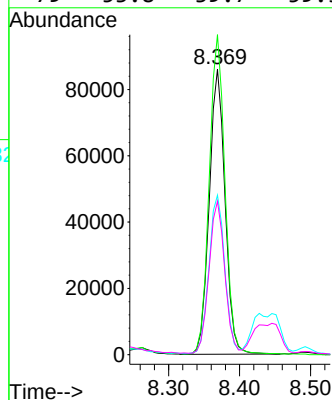
79 53.8 39.7 59.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#18

Hexachloroethane

Concen: 46.843 ng

RT: 8.975 min Scan# 984

Delta R.T. 0.006 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

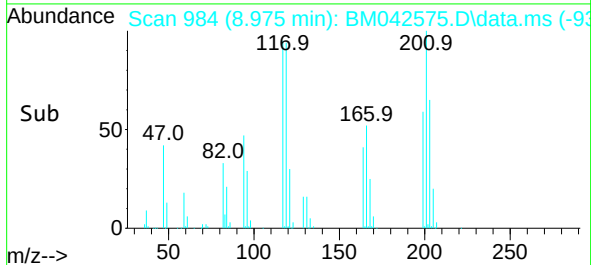
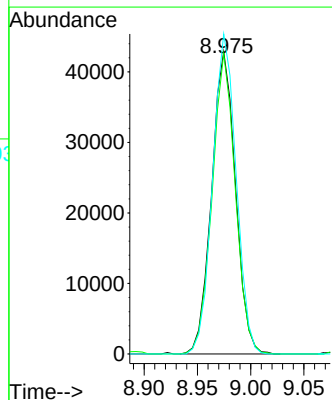
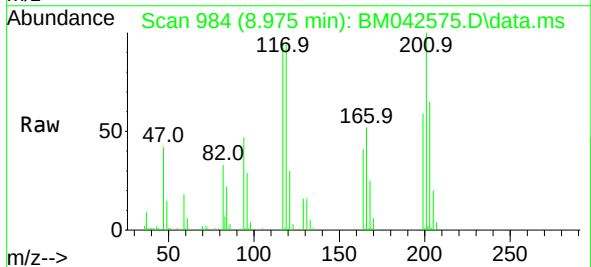
Tgt Ion:117 Resp: 66944

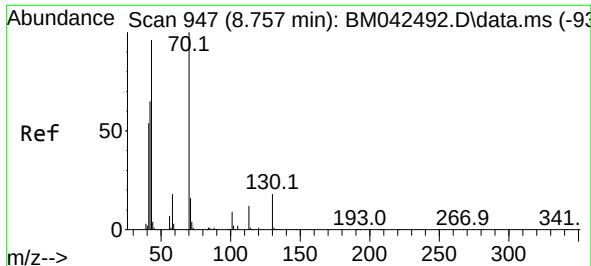
Ion Ratio Lower Upper

117 100

119 99.3 77.9 116.9

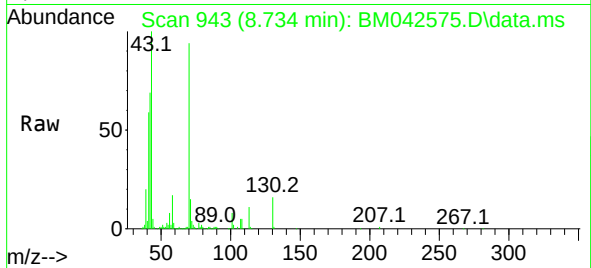
201 105.8 73.7 110.5





#19
n-Nitroso-di-n-propylamine
Concen: 45.543 ng
RT: 8.734 min Scan# 94
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

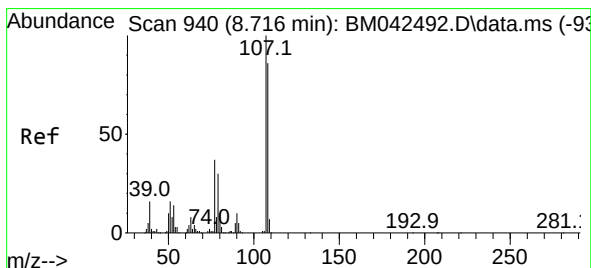
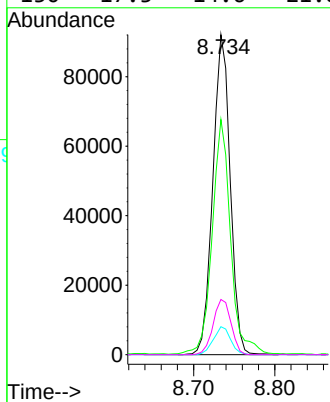
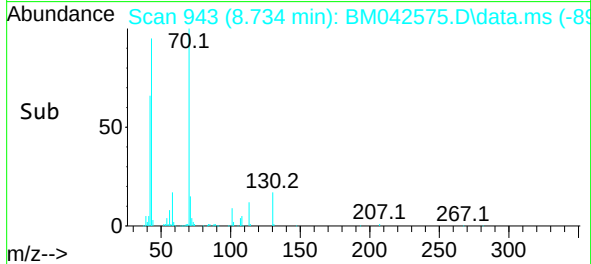
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD



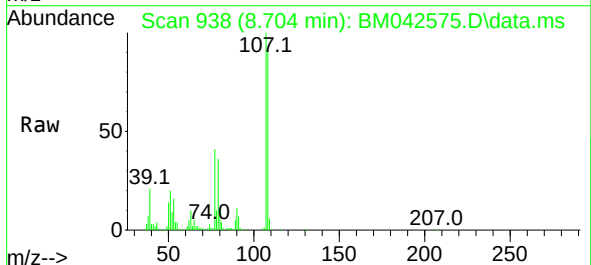
Tgt Ion: 70 Resp: 136834
Ion Ratio Lower Upper
70 100
42 73.5 52.5 78.7
101 8.8 7.0 10.4
130 17.3 14.6 21.8

Manual Integrations
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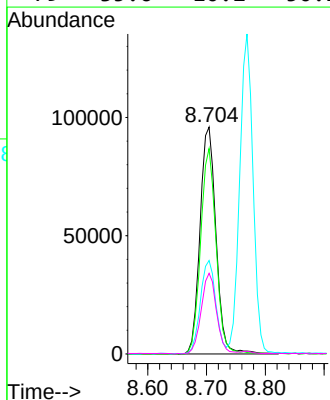
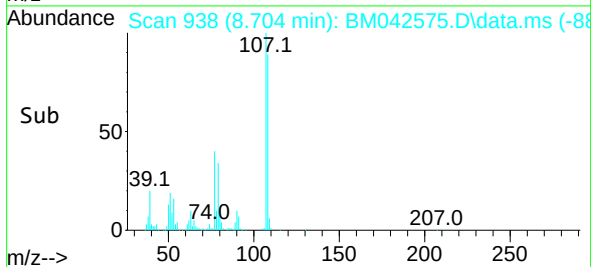
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

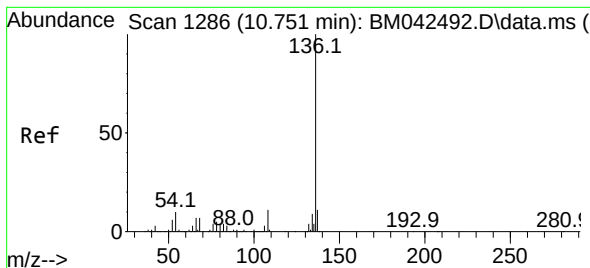


#20
3+4-Methylphenols
Concen: 44.331 ng
RT: 8.704 min Scan# 938
Delta R.T. 0.011 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59



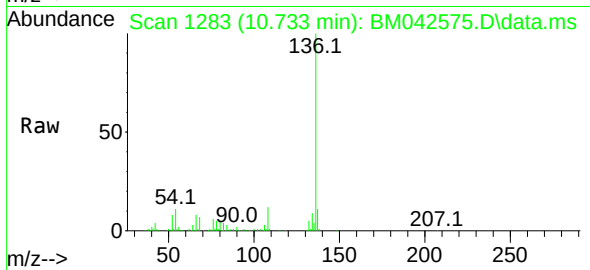
Tgt Ion:107 Resp: 181022
Ion Ratio Lower Upper
107 100
108 90.6 66.4 106.4
77 41.2 17.6 57.6
79 35.6 10.2 50.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

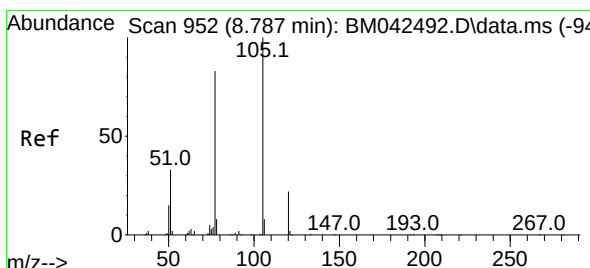
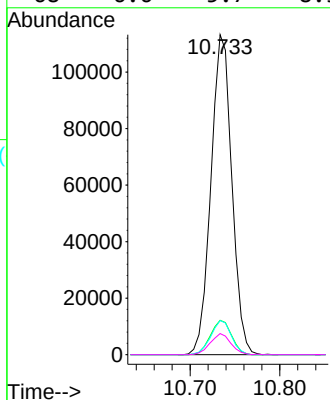
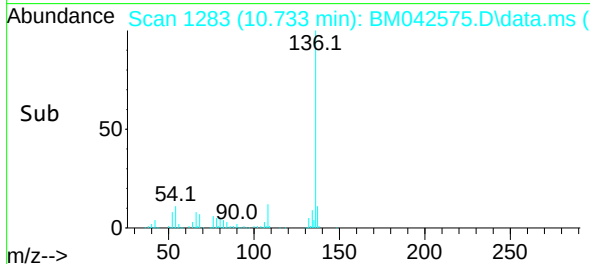
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD



Tgt Ion:136 Resp: 182795
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 10.7 8.0 12.0
68 6.6 5.7 8.5

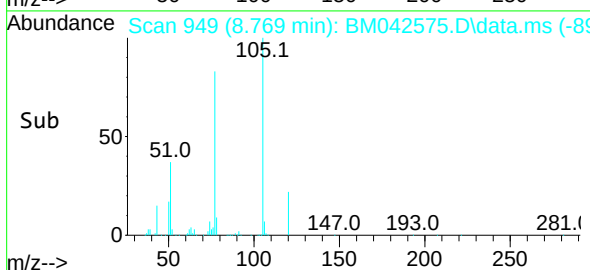
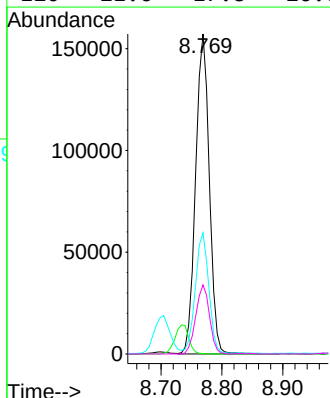
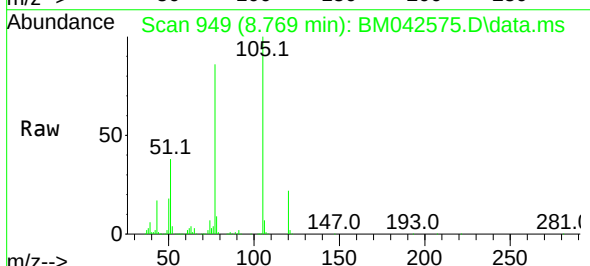
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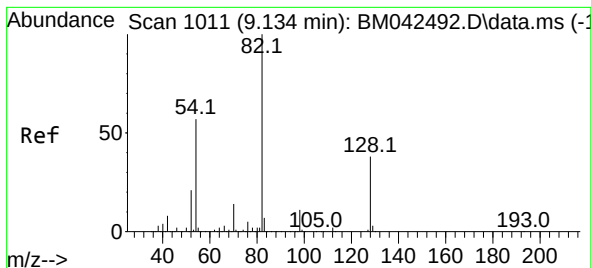
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#22
Acetophenone
Concen: 53.277 ng
RT: 8.769 min Scan# 949
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Tgt Ion:105 Resp: 245617
Ion Ratio Lower Upper
105 100
71 0.1 0.2 0.2#
51 37.9 27.6 41.4
120 21.6 17.8 26.6





#23

Nitrobenzene-d5

Concen: 63.107 ng

RT: 9.116 min Scan# 1011

Delta R.T. 0.006 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

Instrument :

BNA_M

ClientSampleId :

Z-7(0-5)MSD

Tgt Ion: 82 Resp: 247459

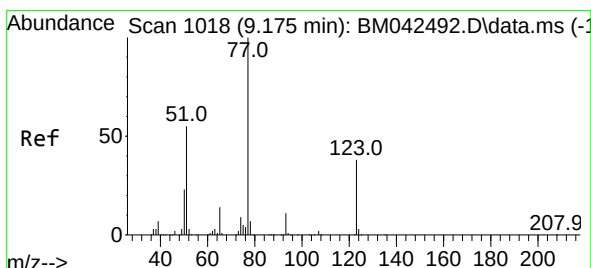
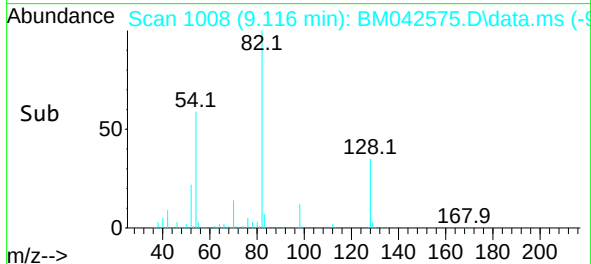
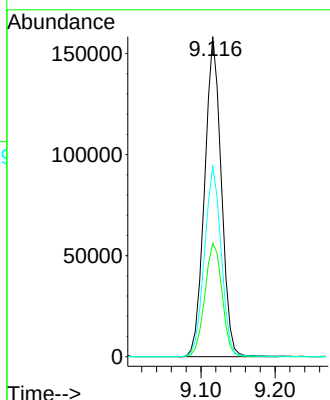
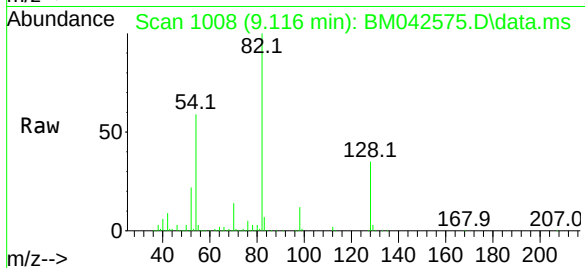
Ion	Ratio	Lower	Upper
82	100		
128	35.4	30.7	46.1
54	59.5	45.3	67.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#24

Nitrobenzene

Concen: 52.847 ng

RT: 9.163 min Scan# 1016

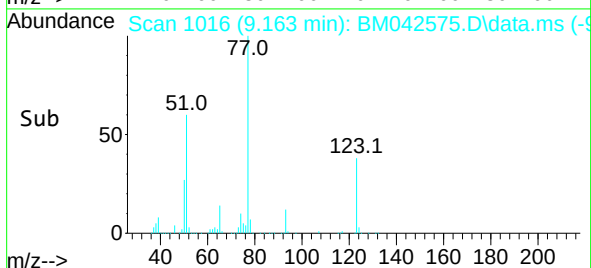
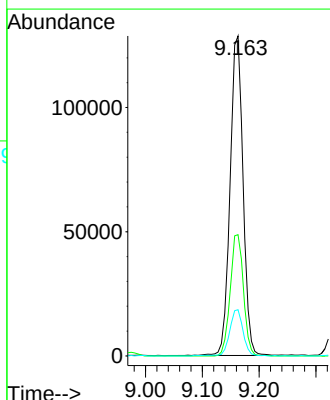
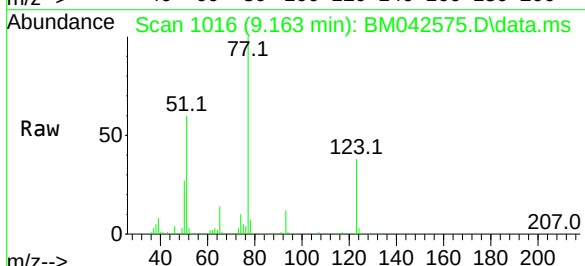
Delta R.T. 0.006 min

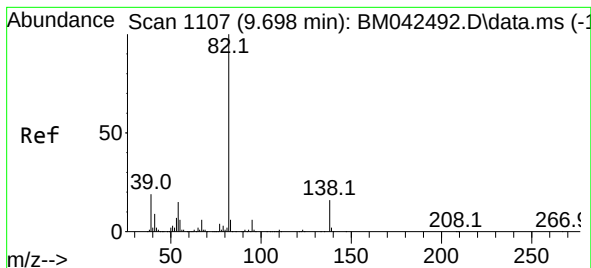
Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

Tgt Ion: 77 Resp: 204106

Ion	Ratio	Lower	Upper
77	100		
123	37.9	30.6	46.0
65	14.4	10.8	16.2





#25

Isophorone

Concen: 52.376 ng

RT: 9.669 min Scan# 1107

Delta R.T. 0.006 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

Instrument :

BNA_M

ClientSampleId :

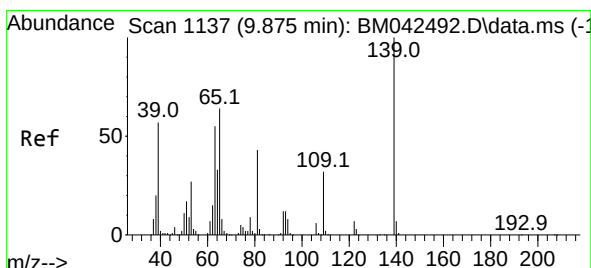
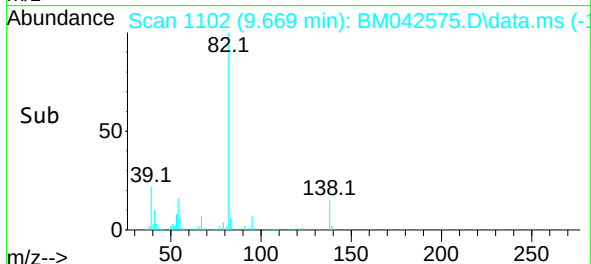
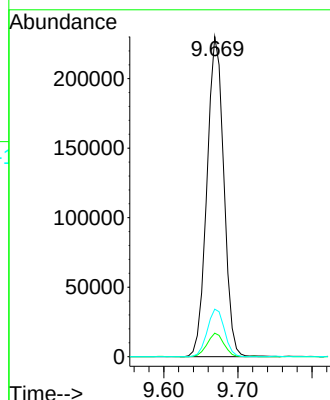
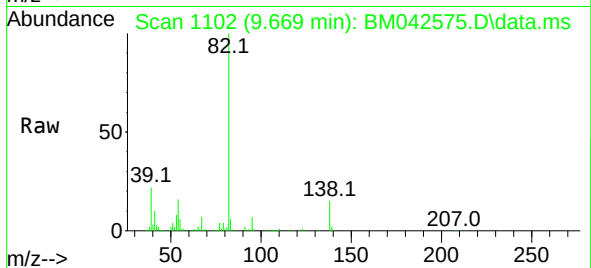
Z-7(0-5)MSD

Tgt Ion: 82 Resp: 36352

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.2	7.8
138	14.9	12.6	18.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#26

2-Nitrophenol

Concen: 51.687 ng

RT: 9.863 min Scan# 1135

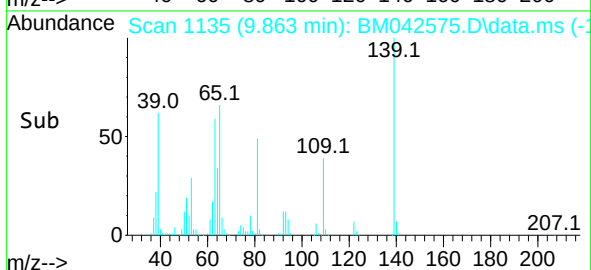
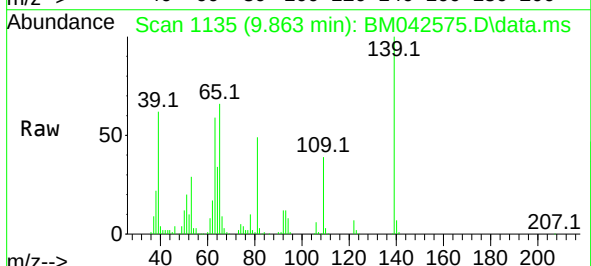
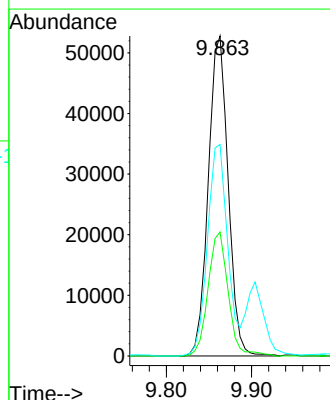
Delta R.T. 0.006 min

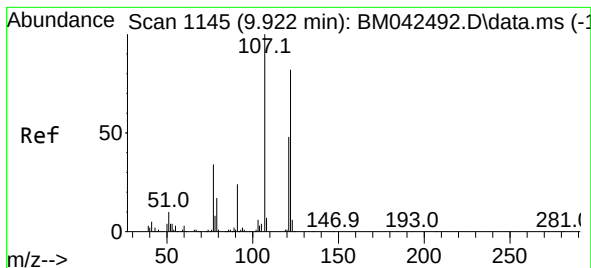
Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

Tgt Ion:139 Resp: 85369

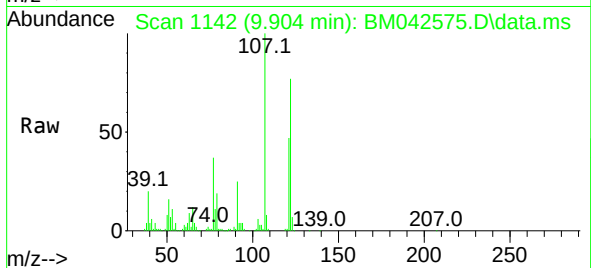
Ion	Ratio	Lower	Upper
139	100		
109	38.7	25.2	37.8
65	66.1	51.4	77.0





#27
2,4-Dimethylphenol
Concen: 46.734 ng
RT: 9.904 min Scan# 1145
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

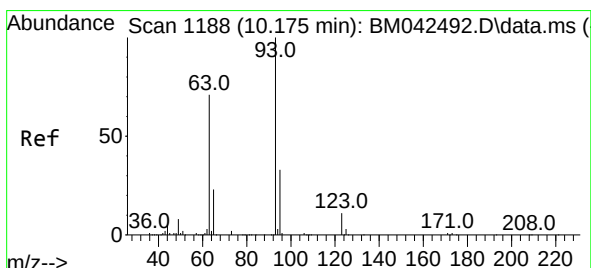
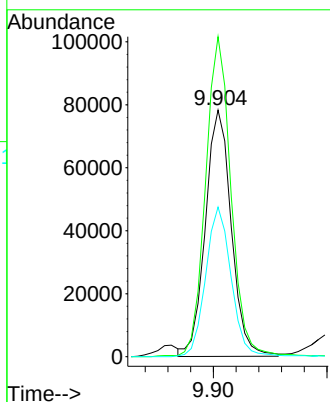
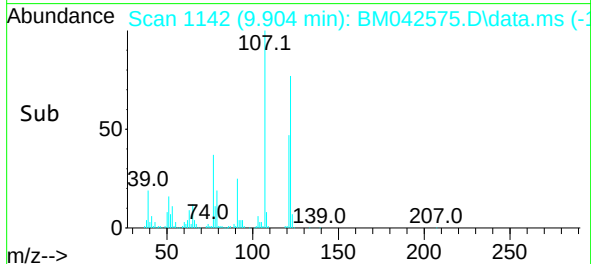
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD



Tgt Ion:122 Resp: 12408
Ion Ratio Lower Upper
122 100
107 129.8 95.4 143.2
121 60.7 46.0 69.0

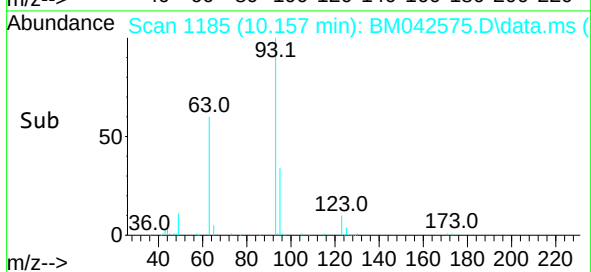
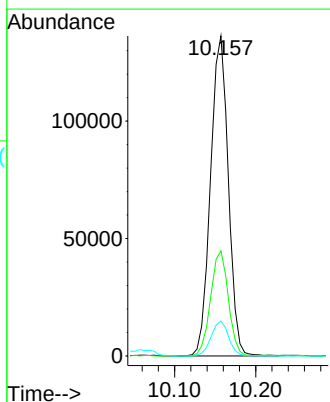
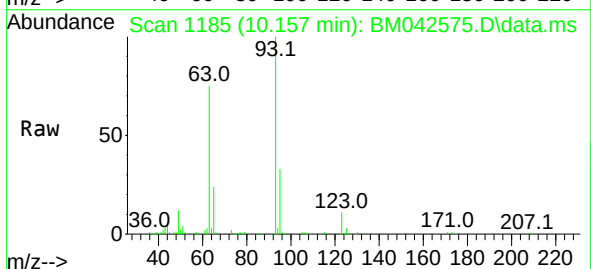
Manual Integrations
APPROVED

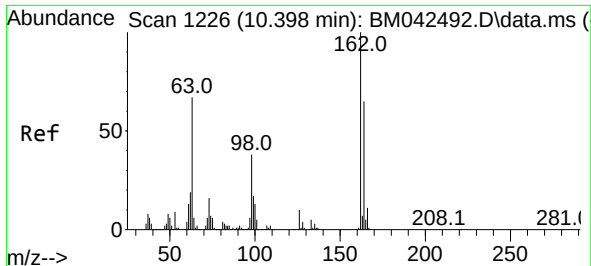
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#28
bis(2-Chloroethoxy)methane
Concen: 49.590 ng
RT: 10.157 min Scan# 1185
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

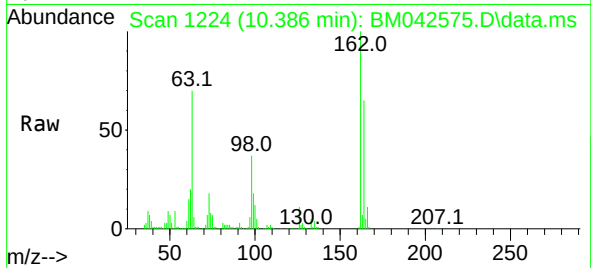
Tgt Ion: 93 Resp: 207354
Ion Ratio Lower Upper
93 100
95 32.9 26.3 39.5
123 10.9 8.5 12.7





#29
2,4-Dichlorophenol
Concen: 58.178 ng
RT: 10.386 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

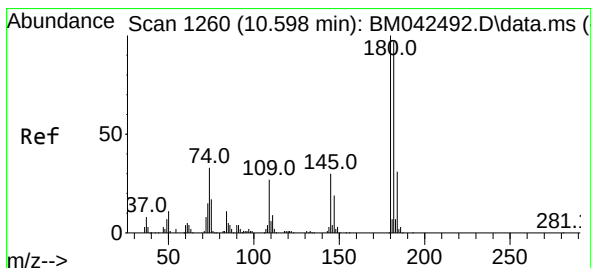
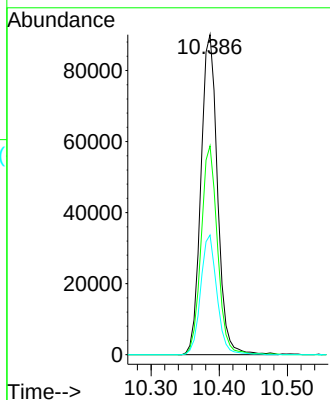
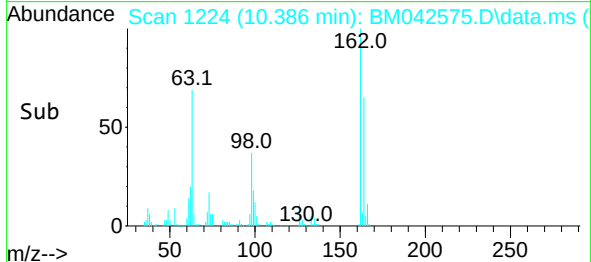
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD



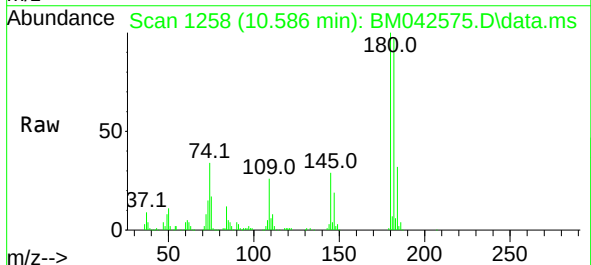
Tgt Ion:162 Resp: 152844
Ion Ratio Lower Upper
162 100
164 65.3 44.9 84.9
98 37.4 18.4 58.4

Manual Integrations
APPROVED

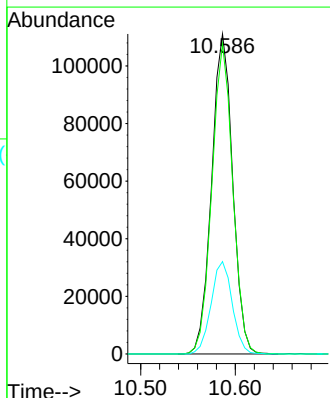
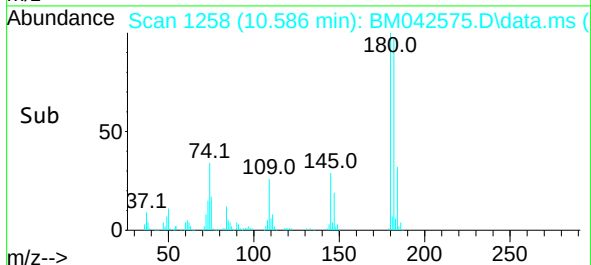
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

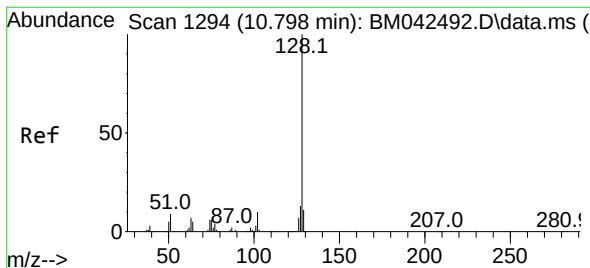


#30
1,2,4-Trichlorobenzene
Concen: 59.371 ng
RT: 10.586 min Scan# 1258
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59



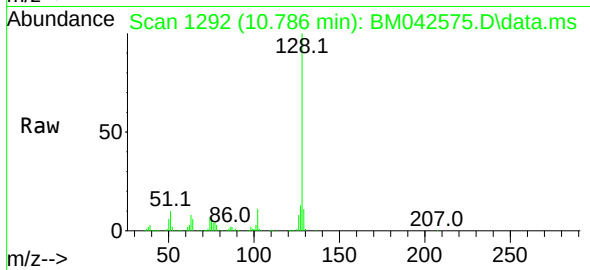
Tgt Ion:180 Resp: 170939
Ion Ratio Lower Upper
180 100
182 96.8 77.8 116.8
145 28.9 24.4 36.6





#31
Naphthalene
Concen: 57.262 ng
RT: 10.786 min Scan# 1170
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

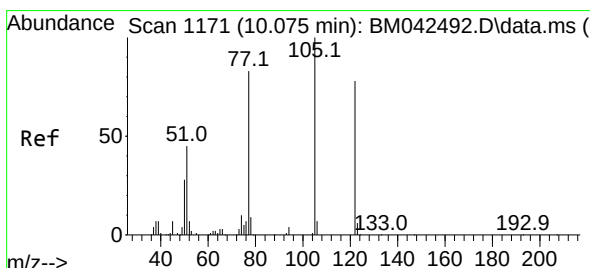
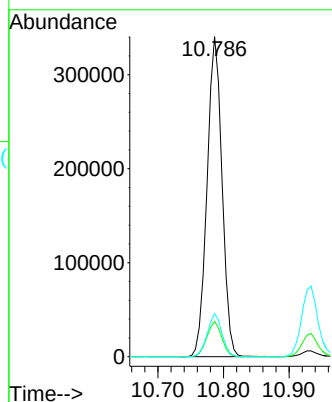
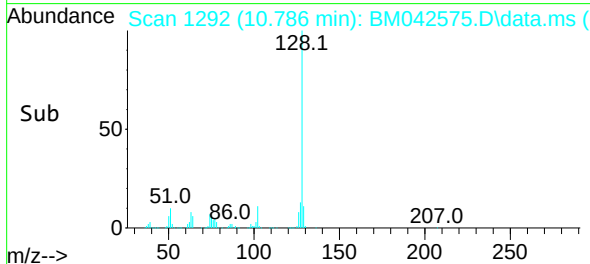
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD



Tgt Ion:128 Resp: 540788
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.5 10.6 15.8

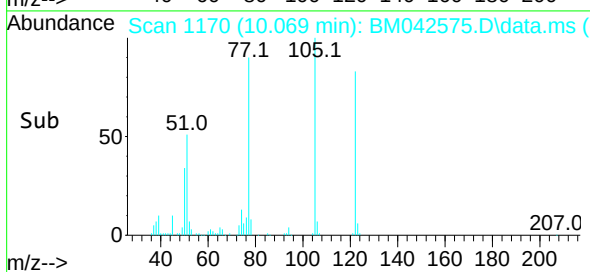
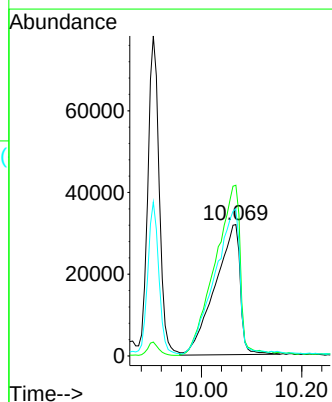
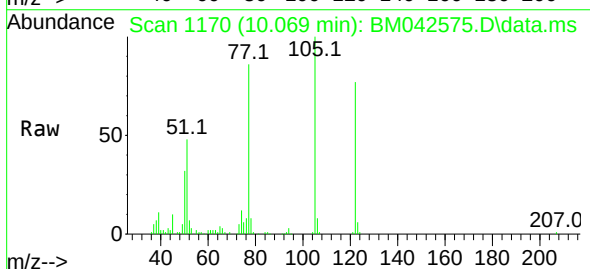
Manual Integrations
APPROVED

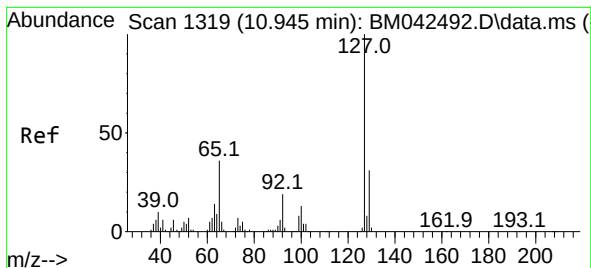
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#32
Benzoic acid
Concen: 50.841 ng
RT: 10.069 min Scan# 1170
Delta R.T. 0.017 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

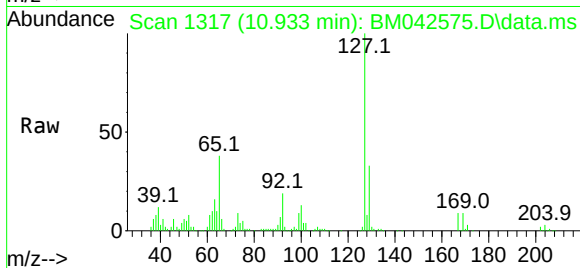
Tgt Ion:122 Resp: 110367
Ion Ratio Lower Upper
122 100
105 129.9 105.2 145.2
77 112.1 84.8 124.8





#33
4-Chloroaniline
Concen: 36.983 ng
RT: 10.933 min Scan# 1317
Delta R.T. 0.011 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

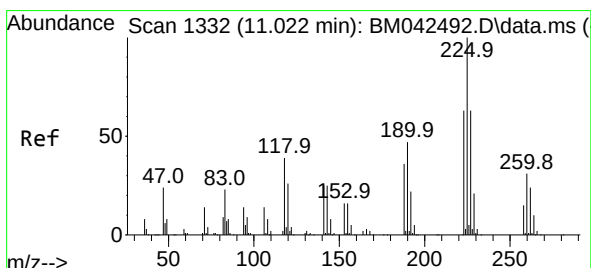
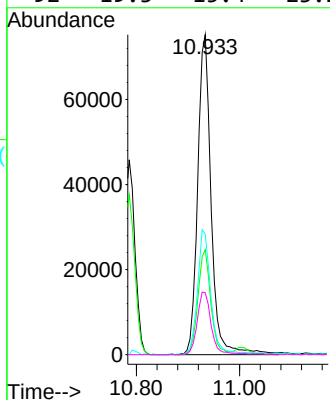
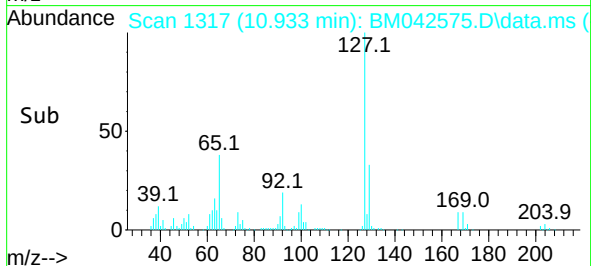
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD



Tgt Ion:127 Resp: 13618
Ion Ratio Lower Upper
127 100
129 32.8 25.0 37.4
65 37.7 29.0 43.4
92 19.3 15.4 23.2

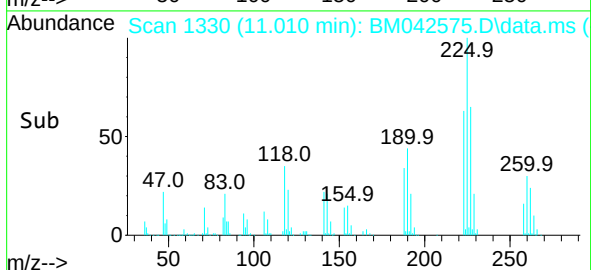
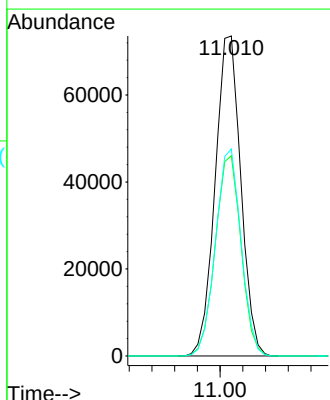
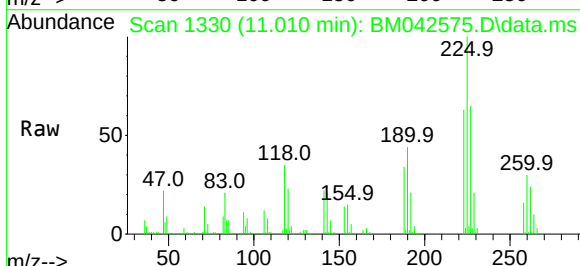
Manual Integrations
APPROVED

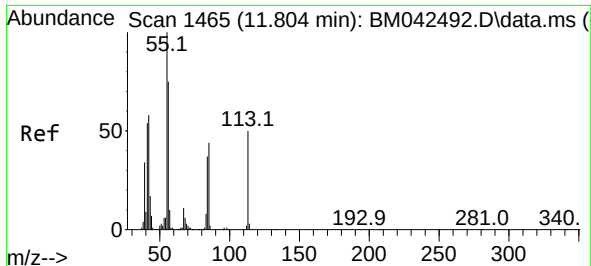
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#34
Hexachlorobutadiene
Concen: 66.084 ng
RT: 11.010 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

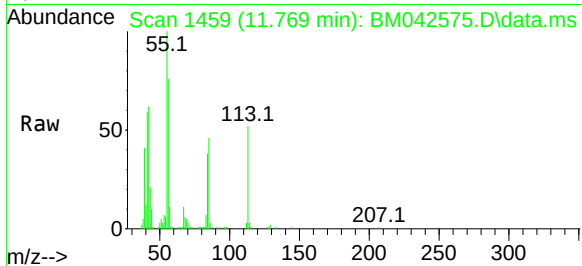
Tgt Ion:225 Resp: 115519
Ion Ratio Lower Upper
225 100
223 62.6 50.0 75.0
227 64.7 50.6 75.8





#35
Caprolactam
Concen: 49.645 ng m
RT: 11.769 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

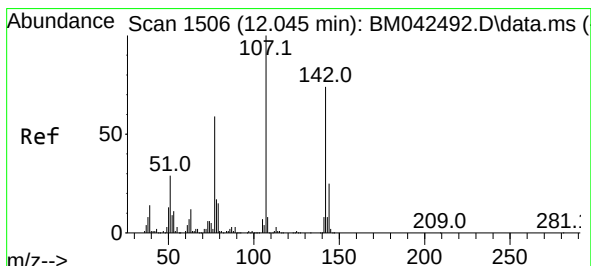
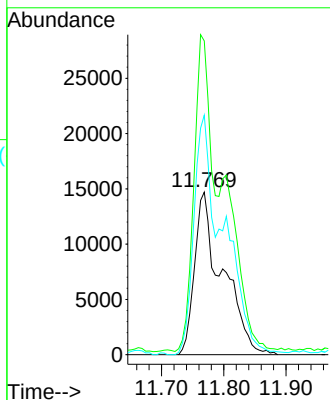
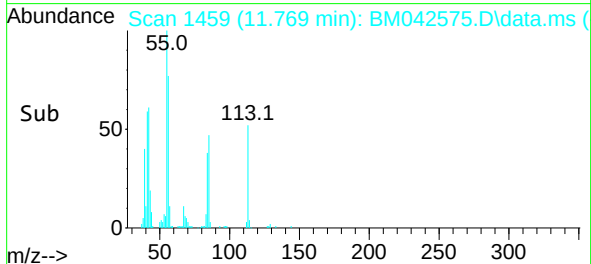
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD



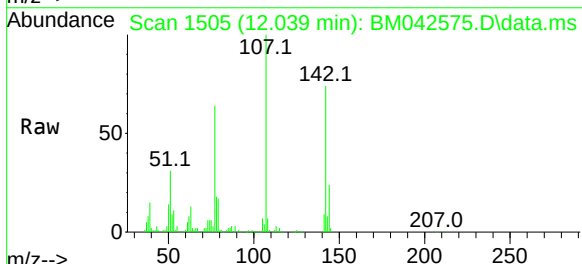
Tgt Ion:113 Resp: 45825
Ion Ratio Lower Upper
113 100
55 193.0 180.9 220.9
56 147.4 130.0 170.0

Manual Integrations
APPROVED

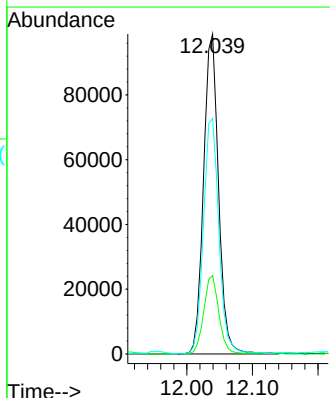
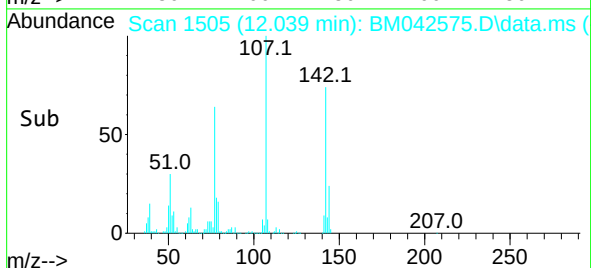
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

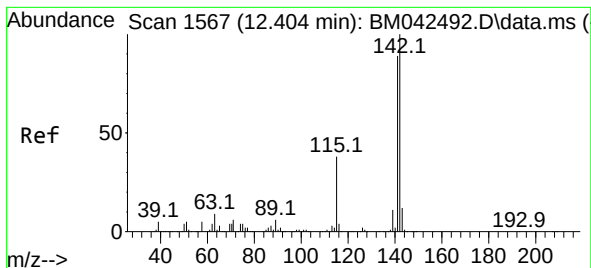


#36
4-Chloro-3-methylphenol
Concen: 52.754 ng
RT: 12.039 min Scan# 1505
Delta R.T. 0.011 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59



Tgt Ion:107 Resp: 157728
Ion Ratio Lower Upper
107 100
144 24.5 20.2 30.2
142 73.5 59.5 89.3





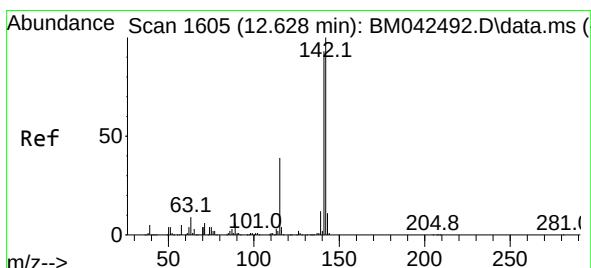
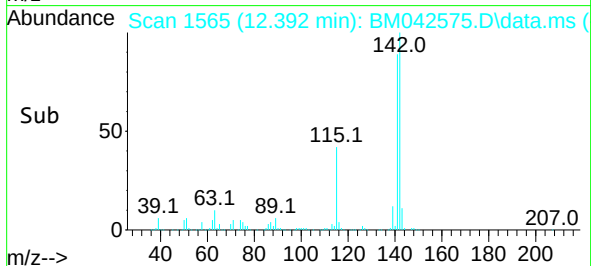
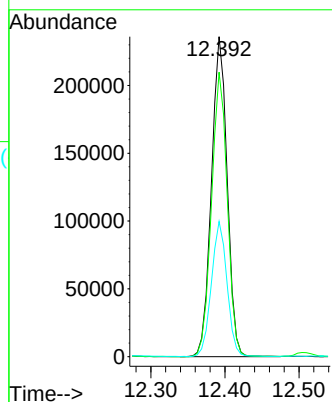
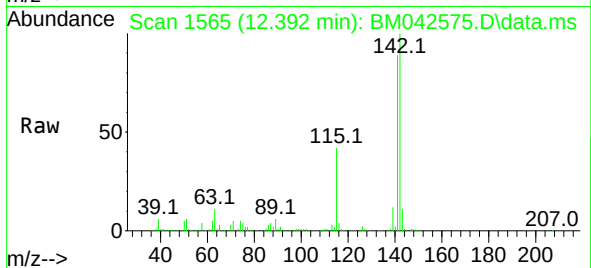
#37
2-Methylnaphthalene
Concen: 52.326 ng
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD

Tgt Ion:142 Resp: 348029
Ion Ratio Lower Upper
142 100
141 88.9 70.9 106.3
115 42.3 30.2 45.2

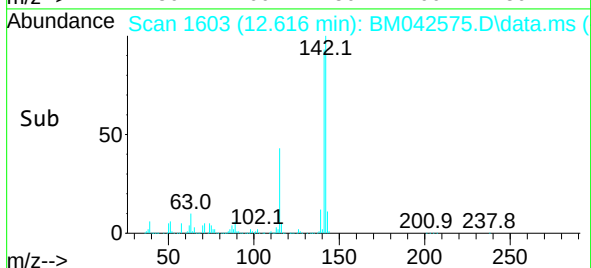
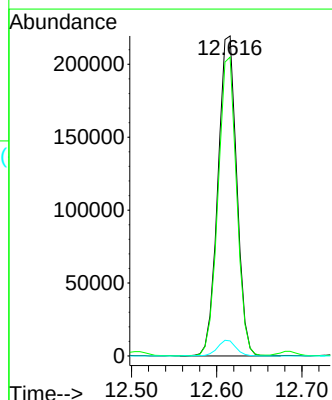
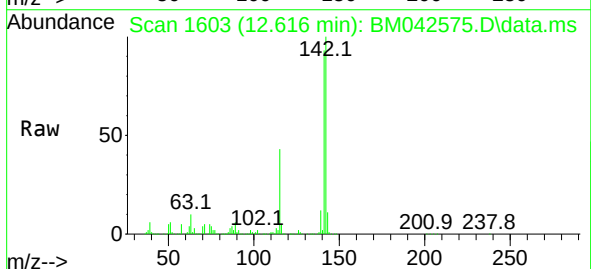
Manual Integrations
APPROVED

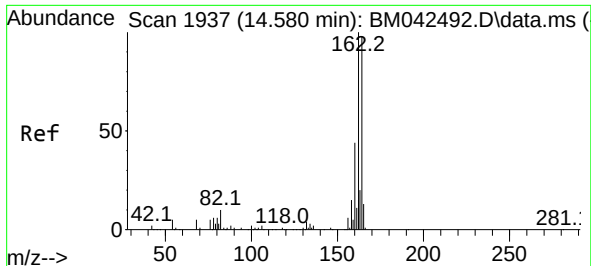
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#38
1-Methylnaphthalene
Concen: 53.852 ng
RT: 12.616 min Scan# 1603
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

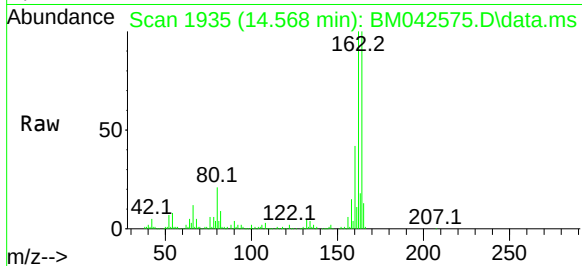
Tgt Ion:142 Resp: 337143
Ion Ratio Lower Upper
142 100
141 93.4 74.4 111.6
116 4.7 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.568 min Scan# 1935
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

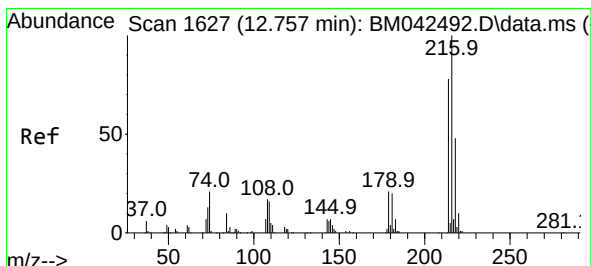
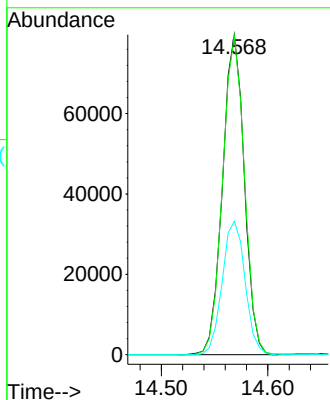
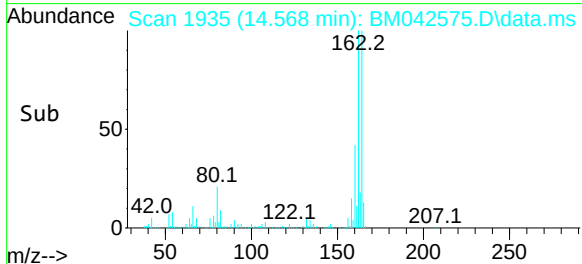
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD



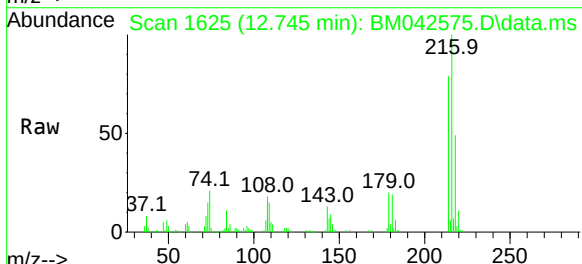
Tgt Ion:164 Resp: 112829
Ion Ratio Lower Upper
164 100
162 99.6 81.6 122.4
160 41.7 36.2 54.4

Manual Integrations
APPROVED

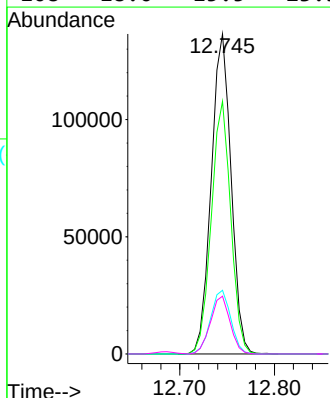
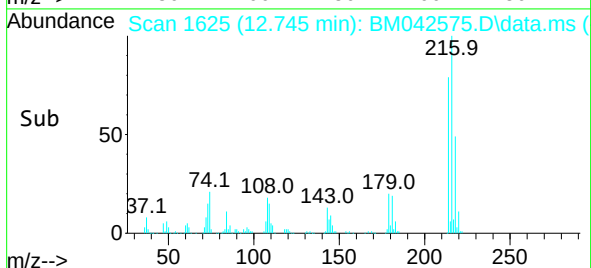
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

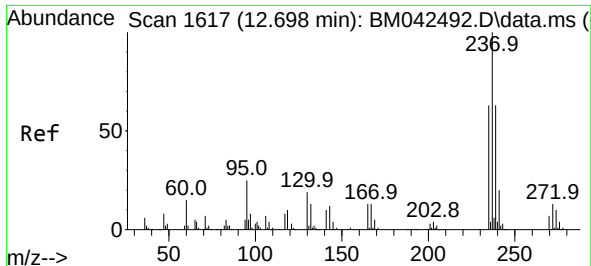


#40
1,2,4,5-Tetrachlorobenzene
Concen: 58.756 ng
RT: 12.745 min Scan# 1625
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59



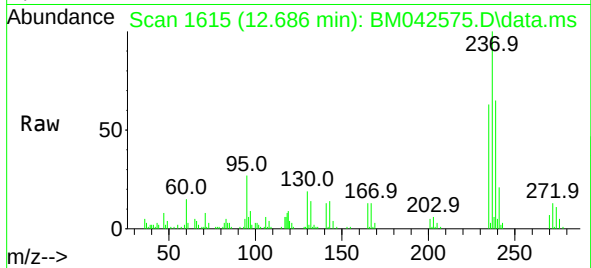
Tgt Ion:216 Resp: 198050
Ion Ratio Lower Upper
216 100
214 77.3 62.5 93.7
179 20.3 16.7 25.1
108 18.0 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 21.954 ng
RT: 12.686 min Scan# 1615
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

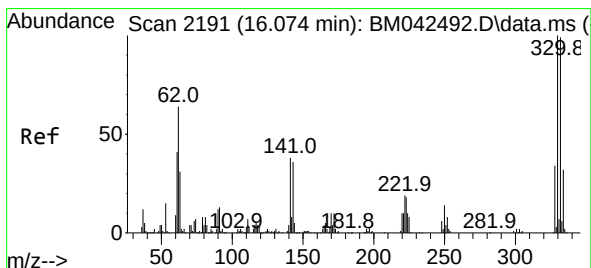
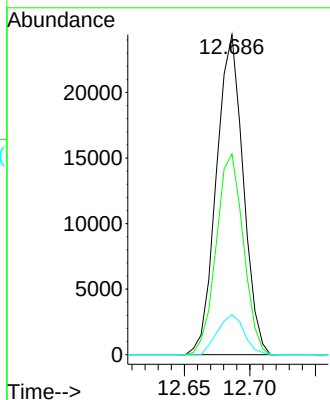
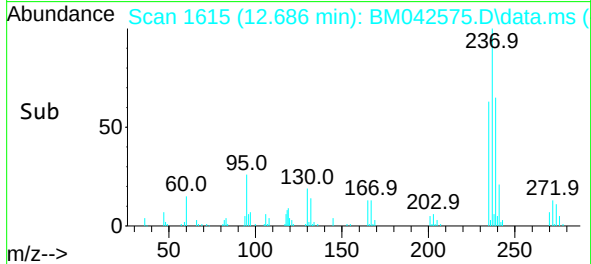
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD



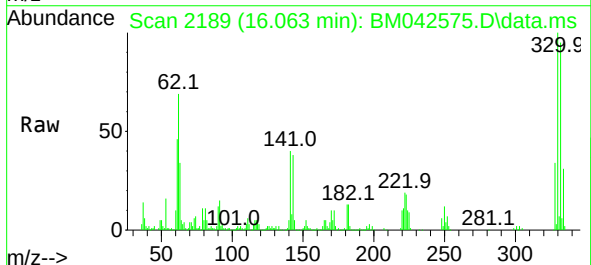
Tgt Ion:237 Resp: 3468
Ion Ratio Lower Upper
237 100
235 62.7 42.5 82.5
272 12.5 0.0 33.2

Manual Integrations
APPROVED

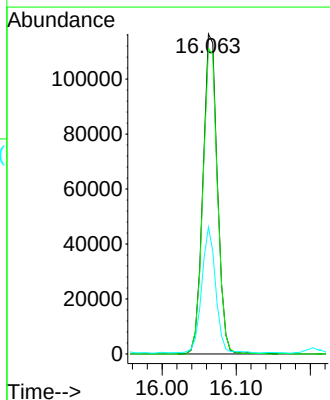
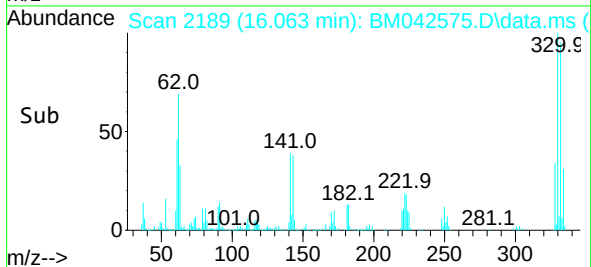
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

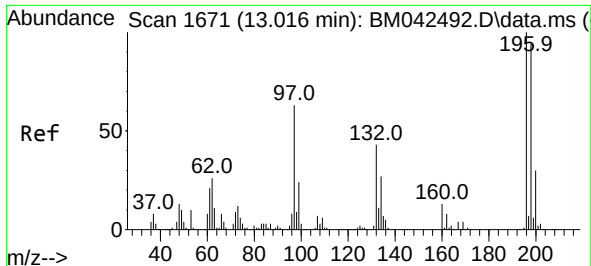


#42
2,4,6-Tribromophenol
Concen: 106.789 ng
RT: 16.063 min Scan# 2189
Delta R.T. -0.000 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59



Tgt Ion:330 Resp: 157309
Ion Ratio Lower Upper
330 100
332 96.8 78.8 118.2
141 38.1 31.1 46.7





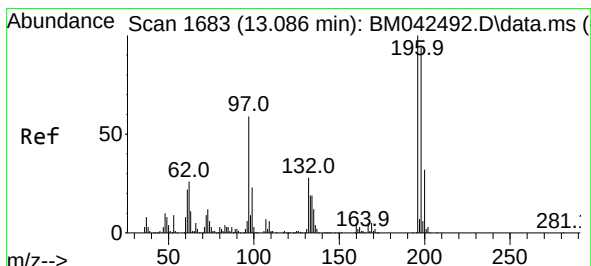
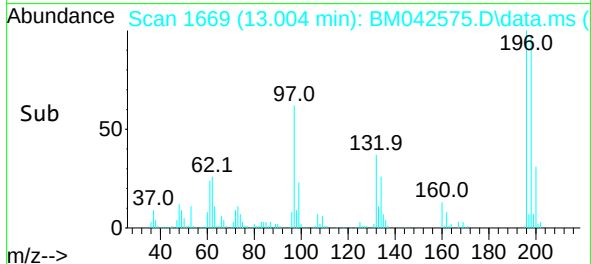
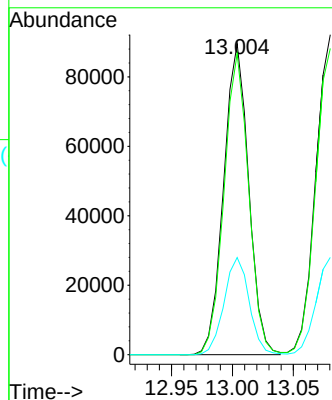
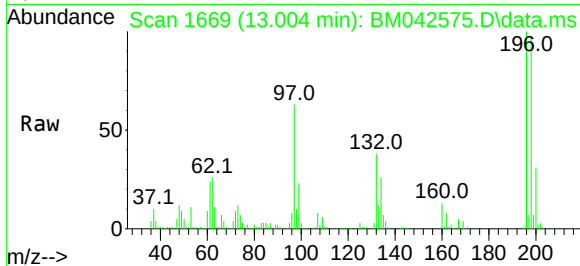
#43
2,4,6-Trichlorophenol
Concen: 59.255 ng
RT: 13.004 min Scan# 1669
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD

Tgt Ion:196 Resp: 127929
Ion Ratio Lower Upper
196 100
198 96.8 75.2 112.8
200 31.2 24.3 36.5

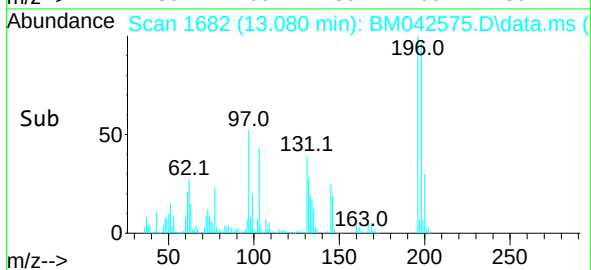
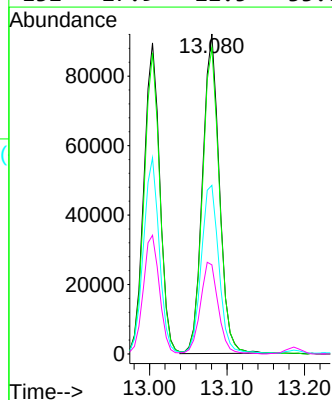
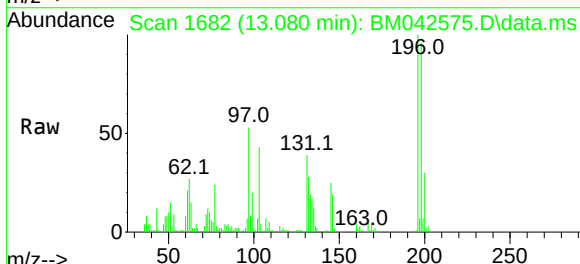
Manual Integrations
APPROVED

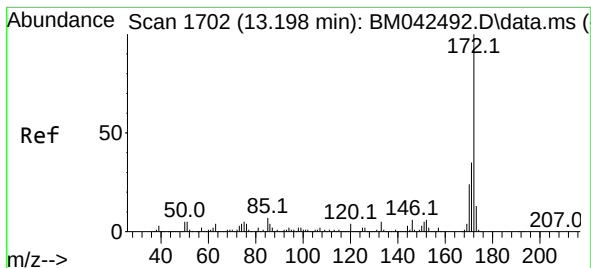
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#44
2,4,5-Trichlorophenol
Concen: 54.153 ng
RT: 13.080 min Scan# 1682
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Tgt Ion:196 Resp: 139126
Ion Ratio Lower Upper
196 100
198 95.7 75.1 112.7
97 52.7 47.4 71.0
132 27.9 22.5 33.7





#45

2-Fluorobiphenyl

Concen: 58.636 ng

RT: 13.186 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

Instrument :

BNA_M

ClientSampleId :

Z-7(0-5)MSD

Tgt Ion:172 Resp: 491664

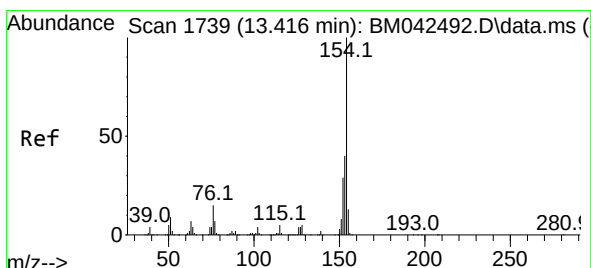
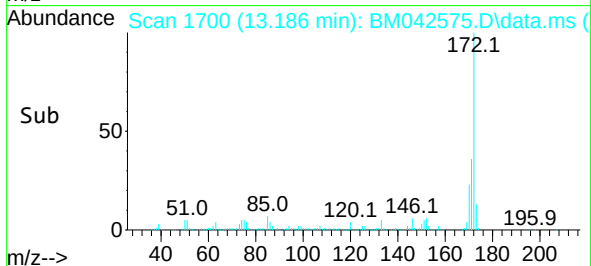
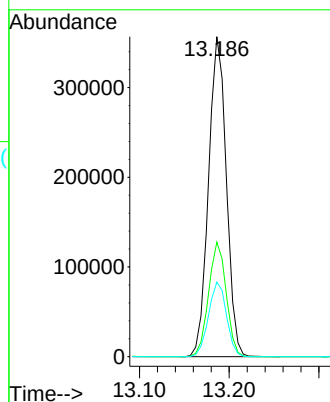
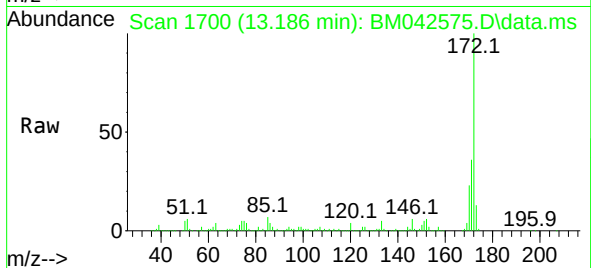
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.2	42.2
170	23.3	19.0	28.4

Manual Integrations

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Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#46

1,1'-Biphenyl

Concen: 52.818 ng

RT: 13.404 min Scan# 1737

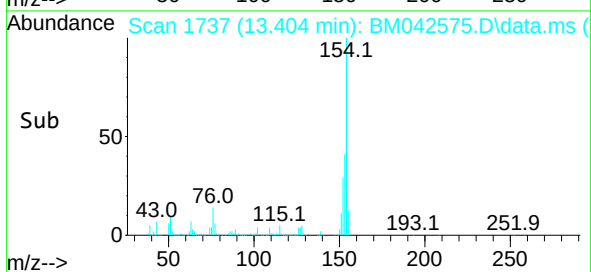
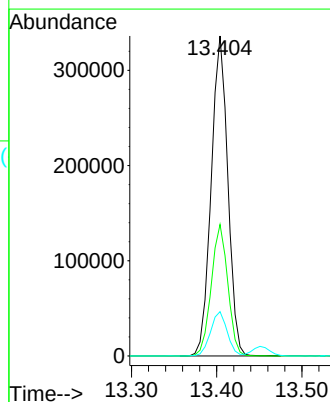
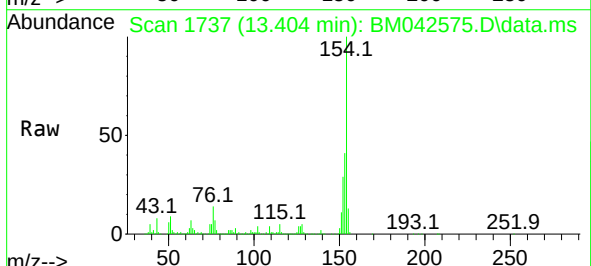
Delta R.T. 0.006 min

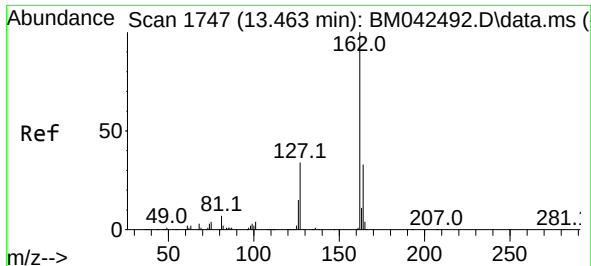
Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

Tgt Ion:154 Resp: 455544

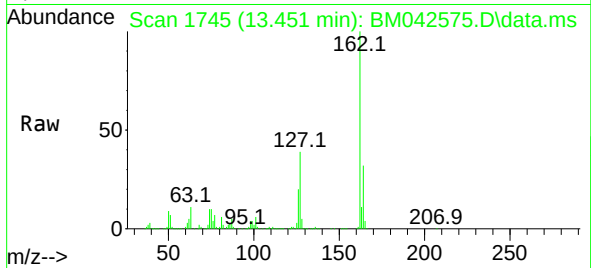
Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.3	60.3
76	13.9	0.0	35.0





#47
2-Chloronaphthalene
Concen: 53.766 ng
RT: 13.451 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

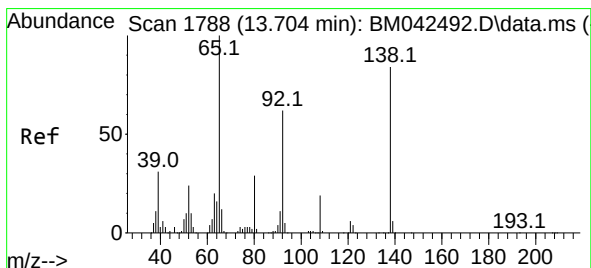
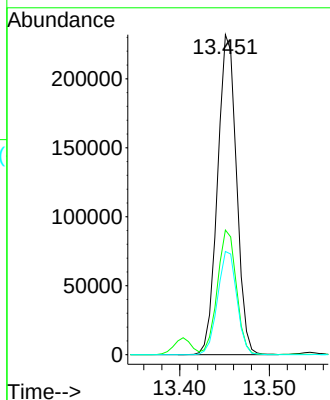
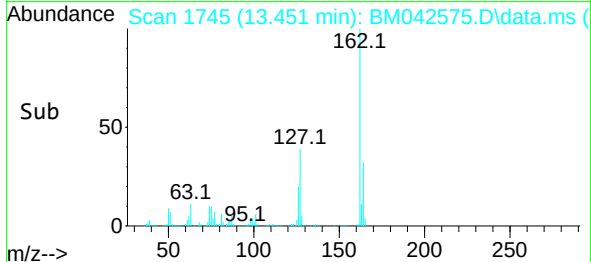
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD



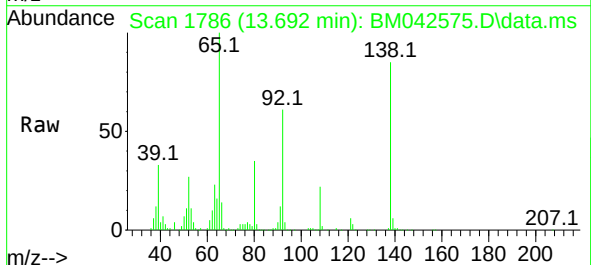
Tgt Ion:162 Resp: 34019
Ion Ratio Lower Upper
162 100
127 38.9 31.1 46.7
164 32.3 26.2 39.4

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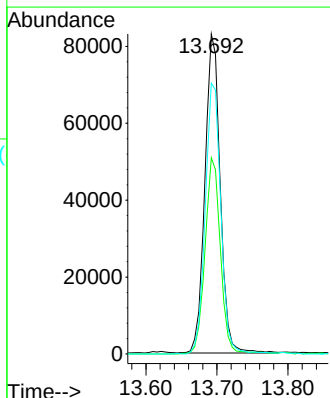
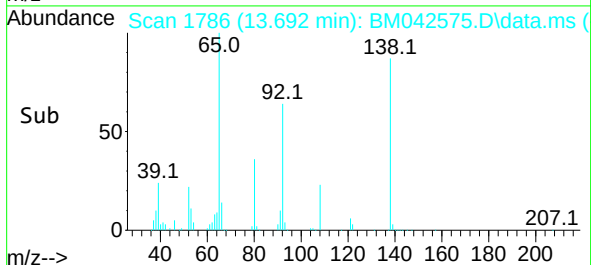
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

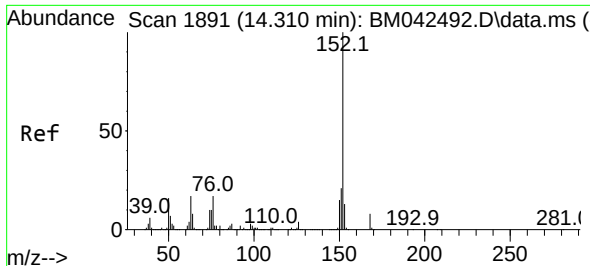


#48
2-Nitroaniline
Concen: 48.787 ng
RT: 13.692 min Scan# 1786
Delta R.T. -0.000 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59



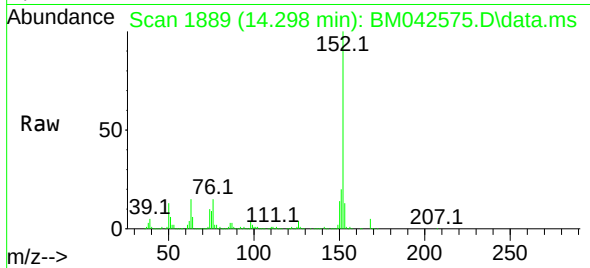
Tgt Ion: 65 Resp: 124707
Ion Ratio Lower Upper
65 100
92 61.3 49.4 74.2
138 84.7 66.9 100.3





#49
Acenaphthylene
Concen: 83.957 ng
RT: 14.298 min Scan# 1889
Delta R.T. -0.000 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

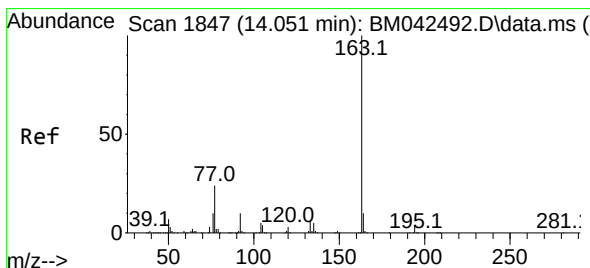
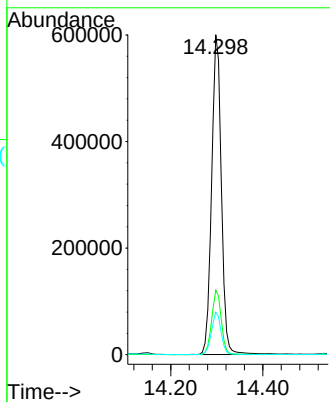
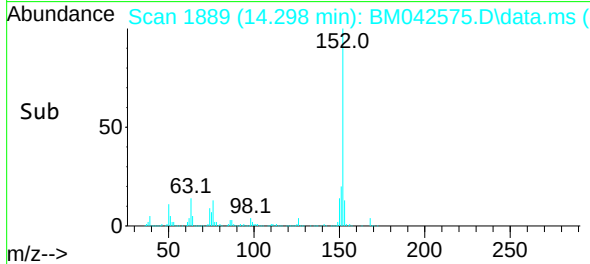
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD



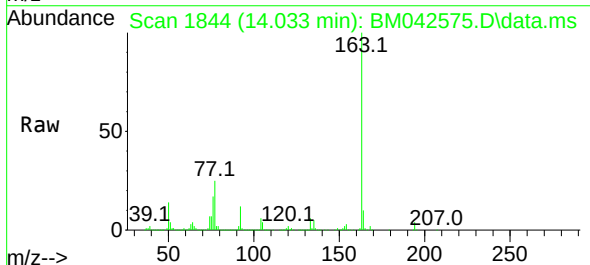
Tgt Ion:152 Resp: 879777
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.3 10.4 15.6

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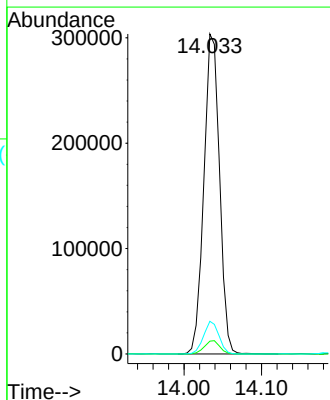
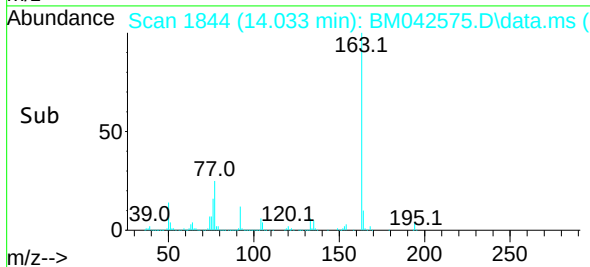
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

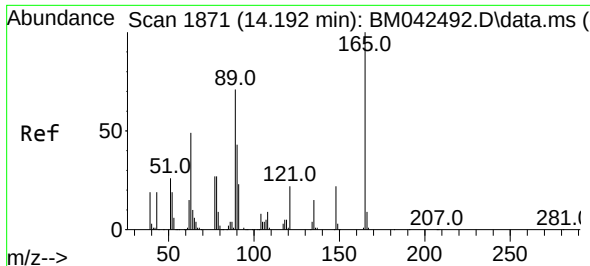


#50
Dimethylphthalate
Concen: 50.458 ng
RT: 14.033 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59



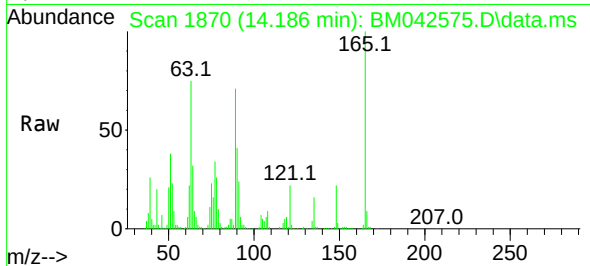
Tgt Ion:163 Resp: 425505
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.2 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 52.245 ng
RT: 14.186 min Scan# 1871
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

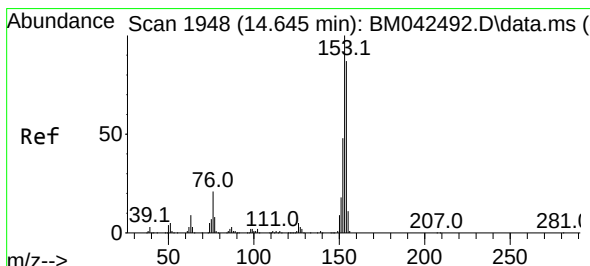
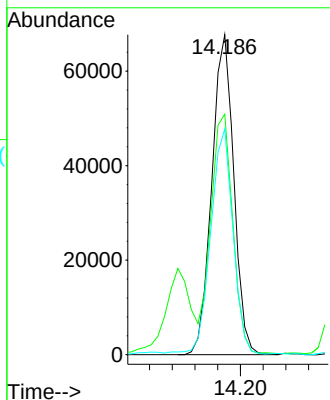
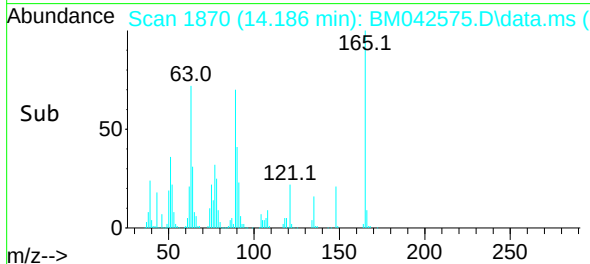
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD



Tgt Ion:165 Resp: 9080
Ion Ratio Lower Upper
165 100
63 75.1 59.4 89.0
89 70.6 57.0 85.6

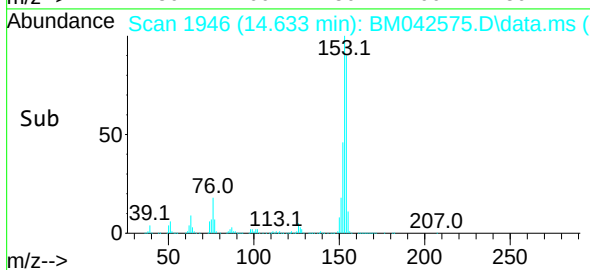
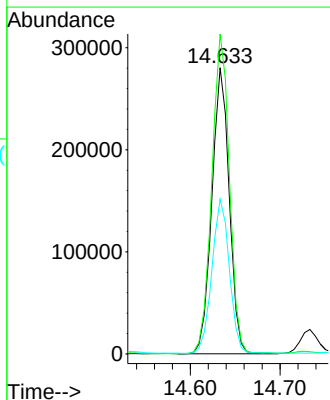
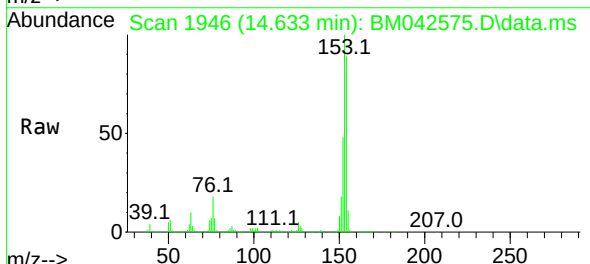
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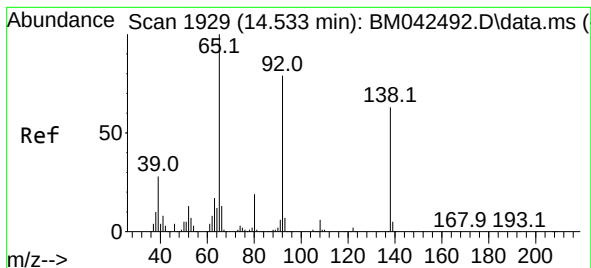
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#52
Acenaphthene
Concen: 59.160 ng
RT: 14.633 min Scan# 1946
Delta R.T. -0.000 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Tgt Ion:154 Resp: 376238
Ion Ratio Lower Upper
154 100
153 111.8 92.0 138.0
152 54.1 44.0 66.0





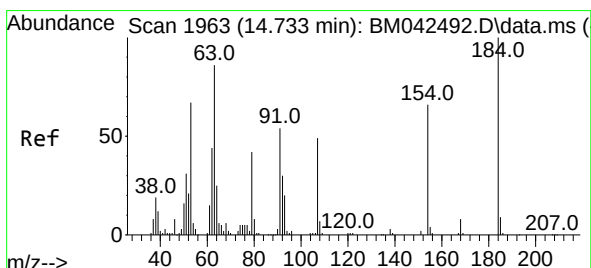
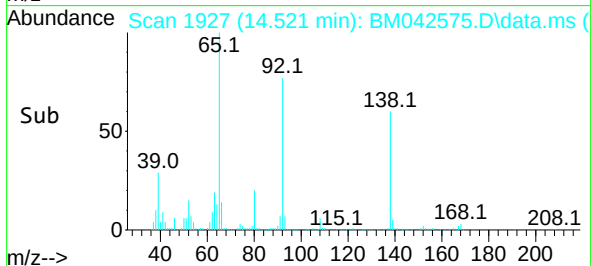
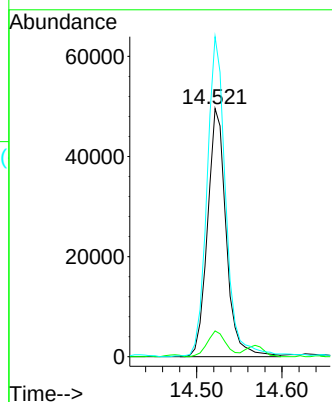
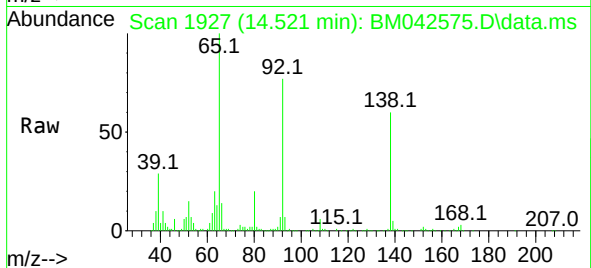
#53
3-Nitroaniline
Concen: 39.489 ng
RT: 14.521 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD

Tgt Ion:138 Resp: 7531
Ion Ratio Lower Upper
138 100
108 10.4 7.9 11.9
92 128.9 100.7 151.1

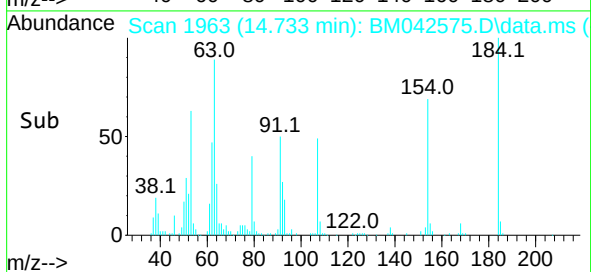
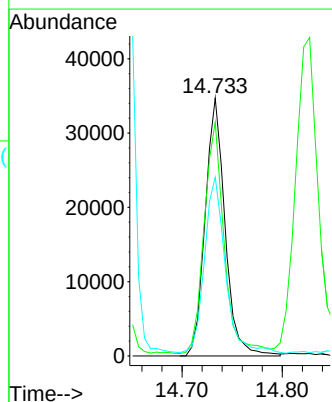
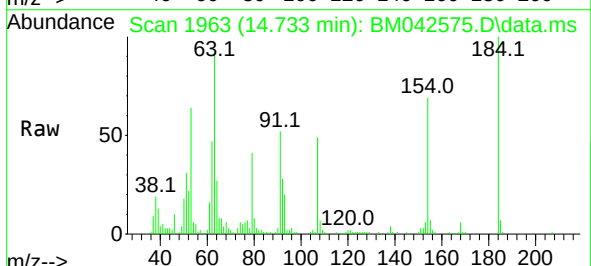
Manual Integrations
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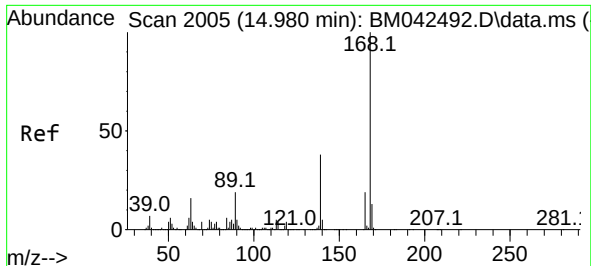
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#54
2,4-Dinitrophenol
Concen: 42.823 ng
RT: 14.733 min Scan# 1963
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

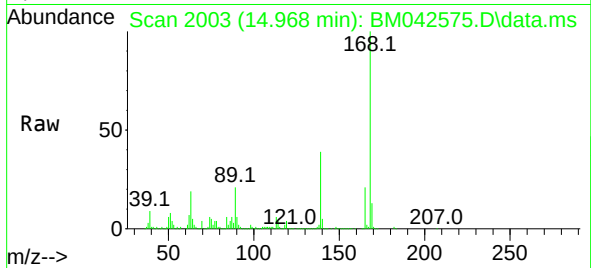
Tgt Ion:184 Resp: 47896
Ion Ratio Lower Upper
184 100
63 90.6 69.2 103.8
154 69.3 53.2 79.8





#55
Dibenzofuran
Concen: 60.002 ng
RT: 14.968 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

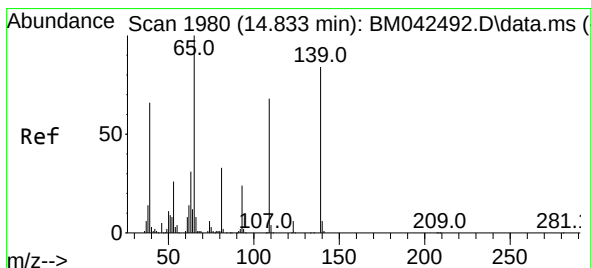
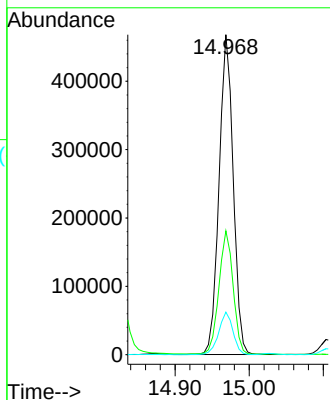
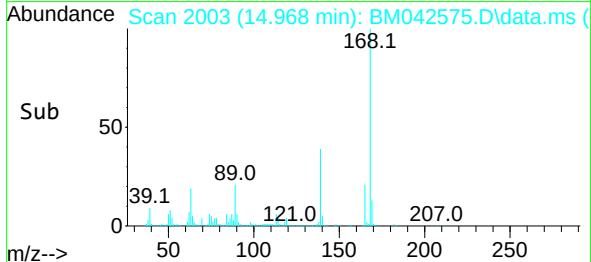
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD



Tgt Ion:168 Resp: 62042
Ion Ratio Lower Upper
168 100
139 38.7 30.4 45.6
169 13.3 10.6 15.8

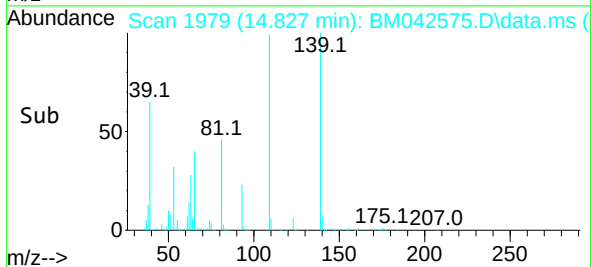
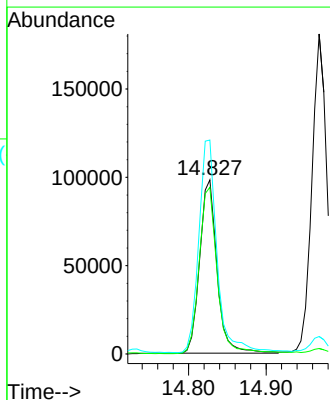
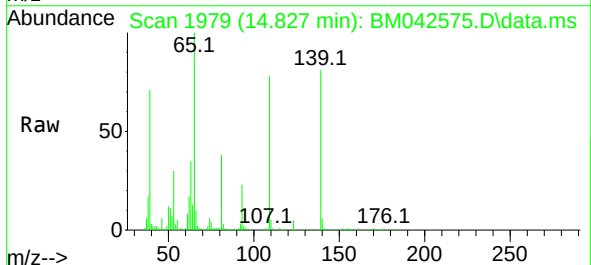
Manual Integrations
APPROVED

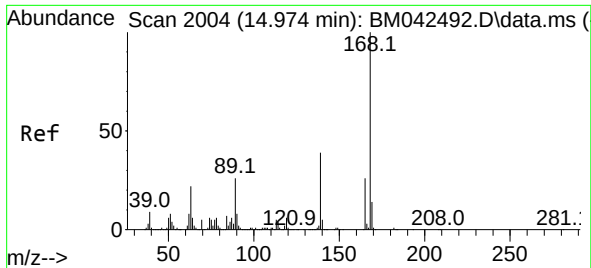
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#56
4-Nitrophenol
Concen: 95.087 ng
RT: 14.827 min Scan# 1979
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

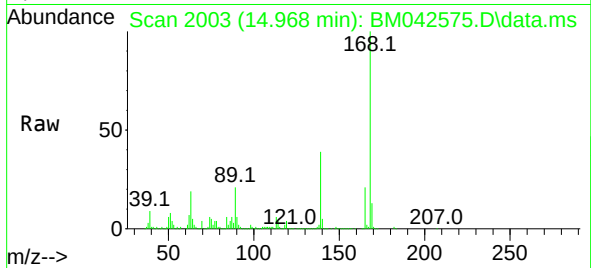
Tgt Ion:139 Resp: 152439
Ion Ratio Lower Upper
139 100
109 95.8 61.3 101.3
65 122.9 100.2 140.2





#57
2,4-Dinitrotoluene
Concen: 48.431 ng
RT: 14.968 min Scan# 2004
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

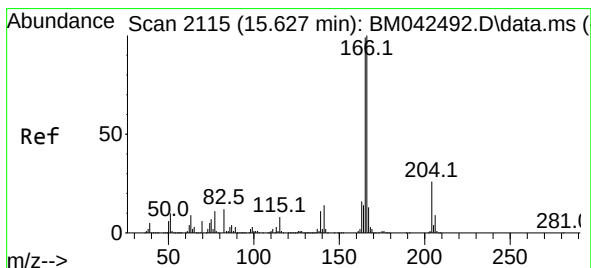
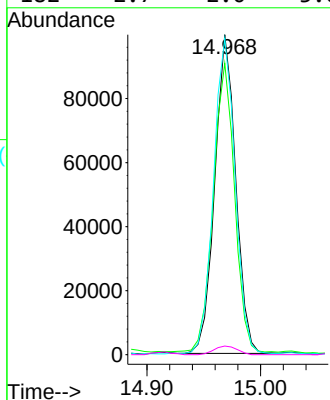
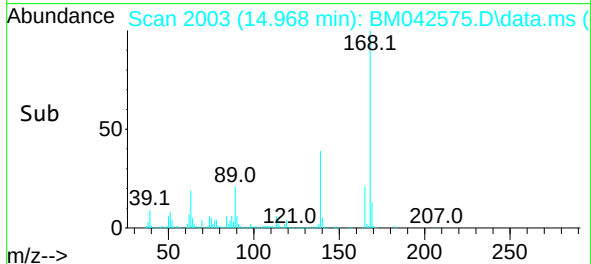
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD



Tgt Ion:165 Resp: 127650
Ion Ratio Lower Upper
165 100
63 91.1 66.7 100.1
89 98.8 80.2 120.4
182 2.7 2.0 3.0

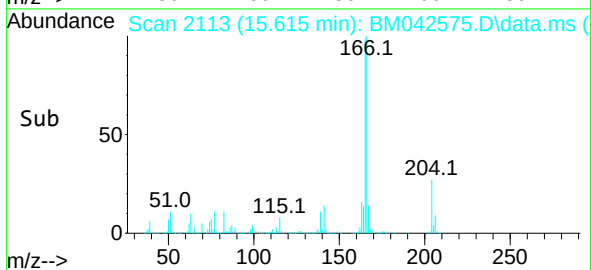
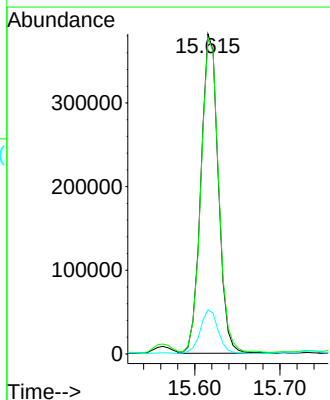
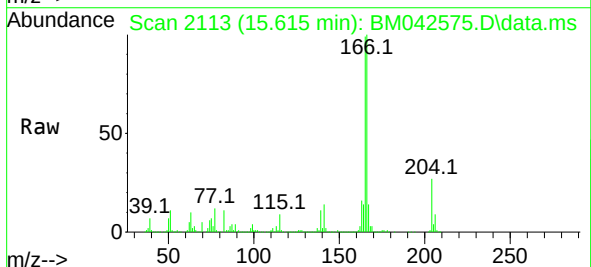
Manual Integrations
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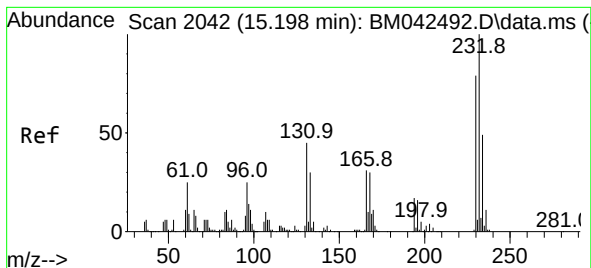
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#58
Fluorene
Concen: 64.539 ng
RT: 15.615 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

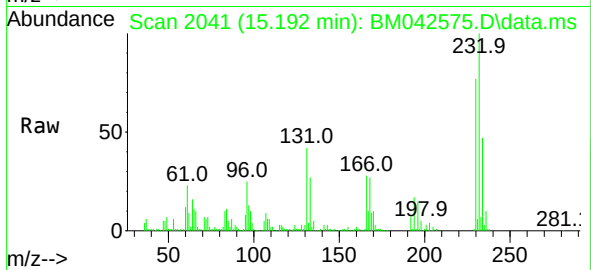
Tgt Ion:166 Resp: 539942
Ion Ratio Lower Upper
166 100
165 98.8 79.3 118.9
167 13.8 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 58.295 ng
RT: 15.192 min Scan# 2041
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

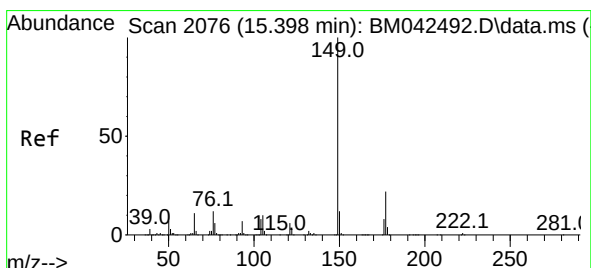
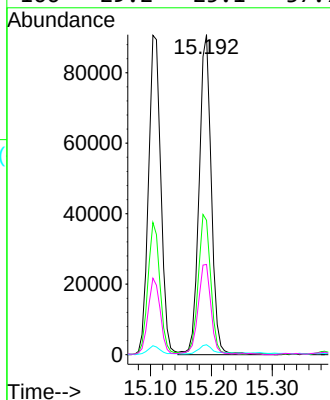
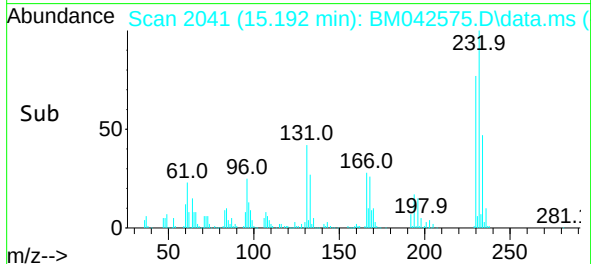
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD



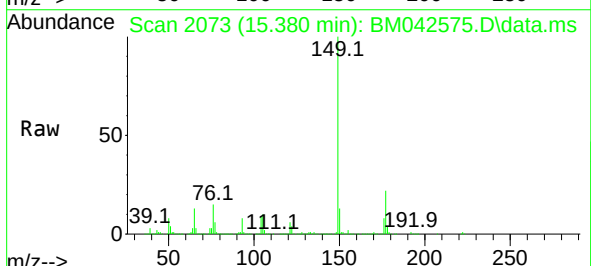
Tgt Ion:232 Resp: 12614
Ion Ratio Lower Upper
232 100
131 44.3 37.2 55.8
130 3.5 2.1 3.1
166 29.2 25.1 37.7

Manual Integrations
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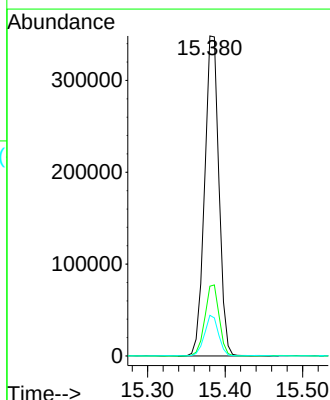
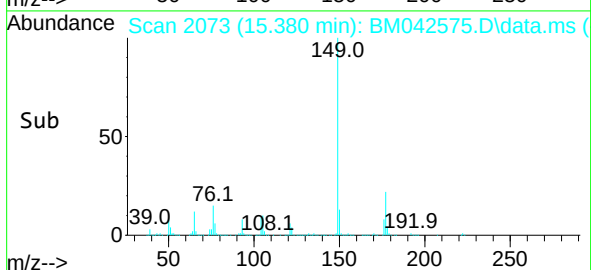
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

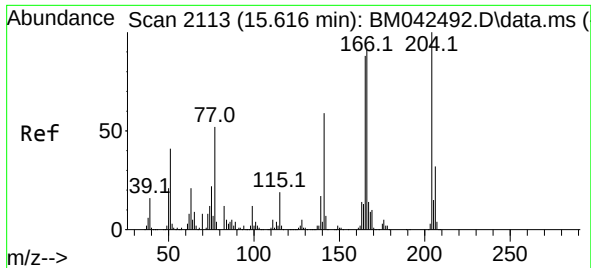


#60
Diethylphthalate
Concen: 52.281 ng
RT: 15.380 min Scan# 2073
Delta R.T. -0.000 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59



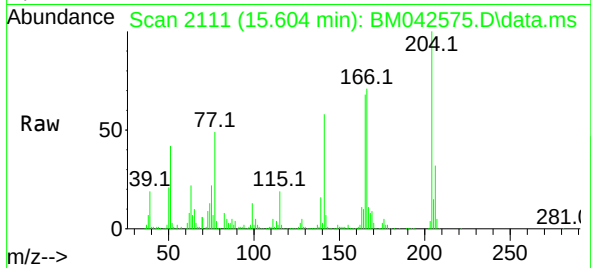
Tgt Ion:149 Resp: 446657
Ion Ratio Lower Upper
149 100
177 21.8 17.8 26.6
150 12.7 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 55.048 ng
RT: 15.604 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

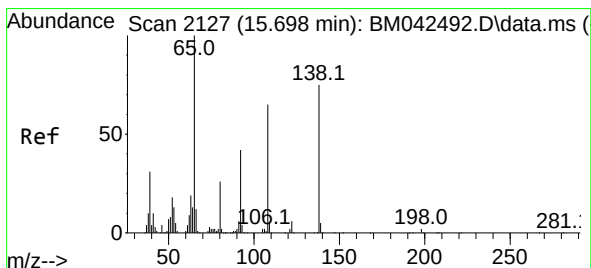
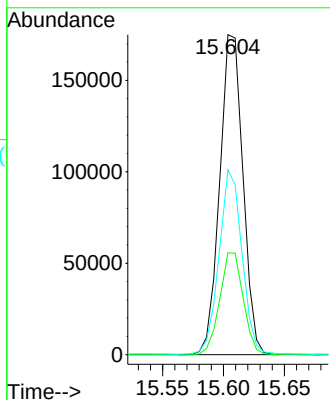
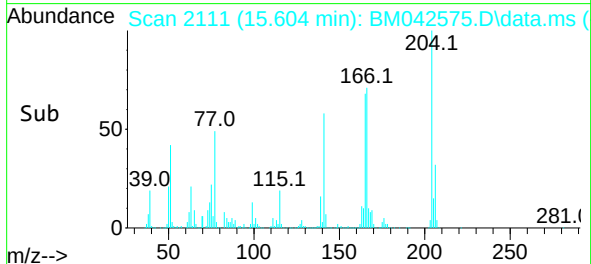
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD



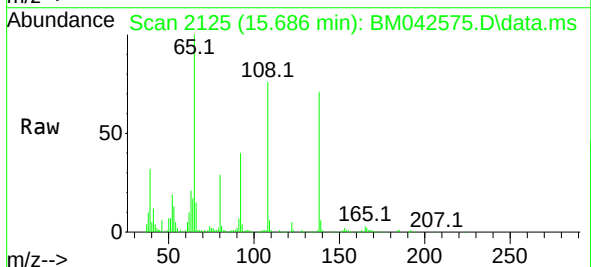
Tgt Ion:204 Resp: 23266
Ion Ratio Lower Upper
204 100
206 31.9 25.9 38.9
141 57.8 46.8 70.2

Manual Integrations
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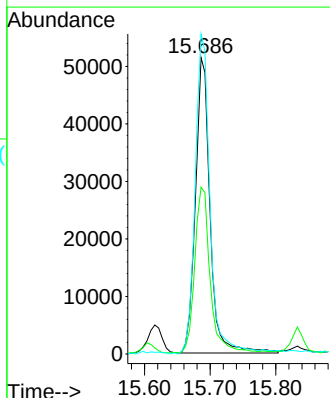
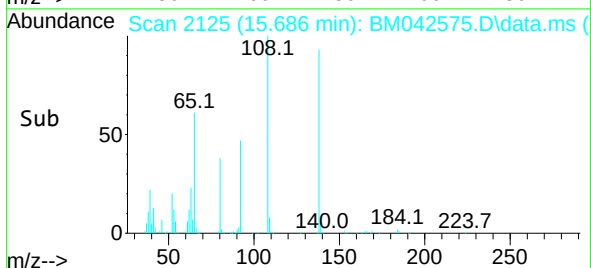
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

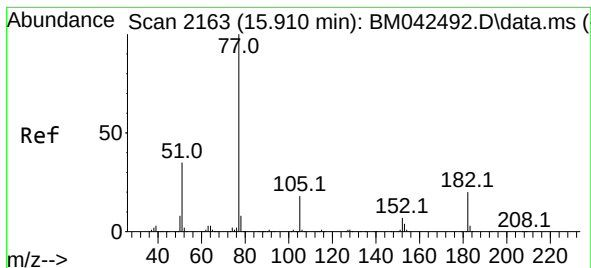


#62
4-Nitroaniline
Concen: 46.281 ng
RT: 15.686 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59



Tgt Ion:138 Resp: 80161
Ion Ratio Lower Upper
138 100
92 56.3 37.0 77.0
108 108.0 67.2 107.2#





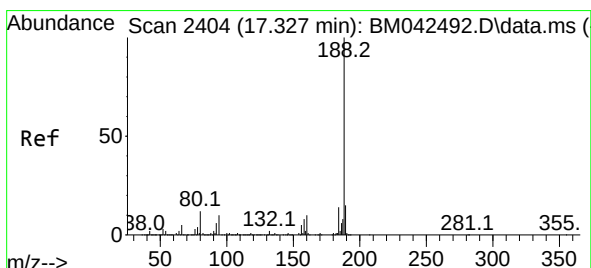
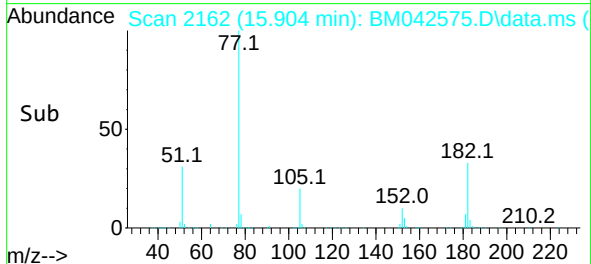
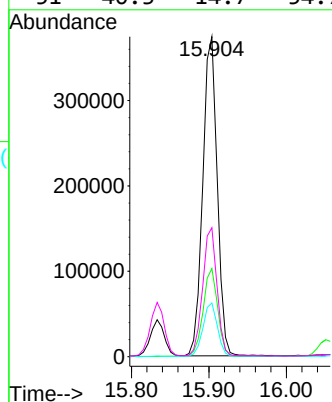
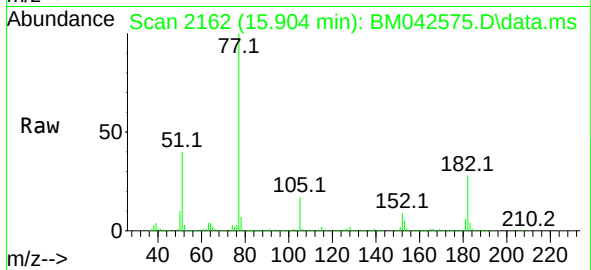
#63
Azobenzene
Concen: 51.502 ng
RT: 15.904 min Scan# 2163
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD

Tgt Ion: 77 Resp: 484860
Ion Ratio Lower Upper
77 100
182 27.6 0.0 40.0
105 16.8 0.0 37.9
51 40.3 14.7 54.7

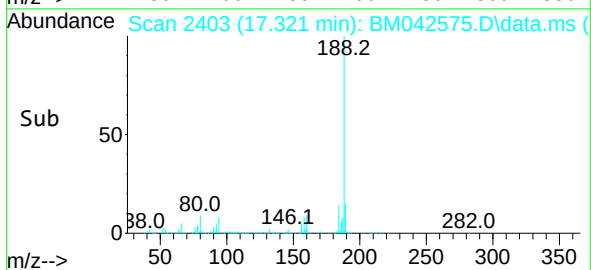
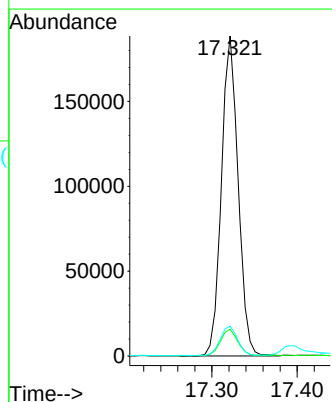
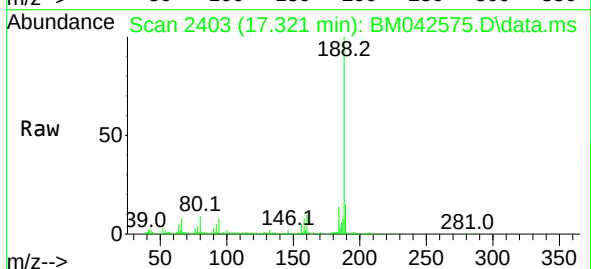
Manual Integrations
APPROVED

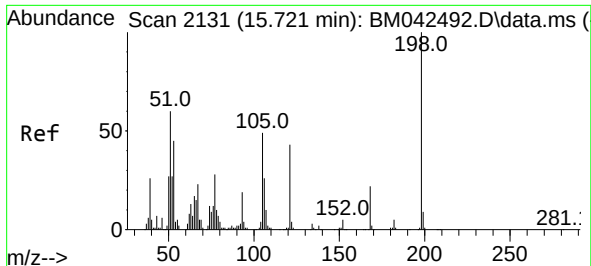
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.321 min Scan# 2403
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

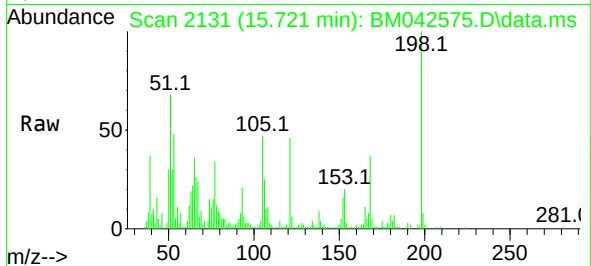
Tgt Ion:188 Resp: 256498
Ion Ratio Lower Upper
188 100
94 8.4 8.2 12.4
80 9.3 9.4 14.2#





#65
4,6-Dinitro-2-methylphenol
Concen: 24.199 ng
RT: 15.721 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

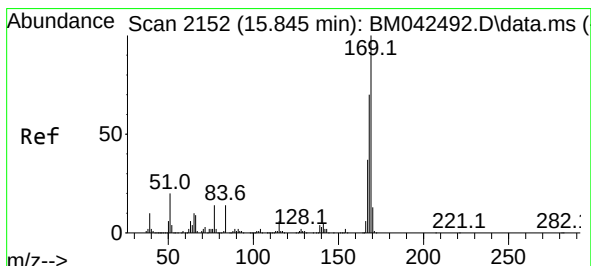
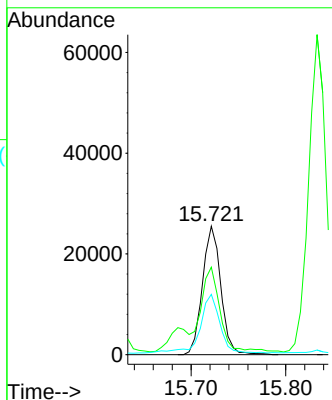
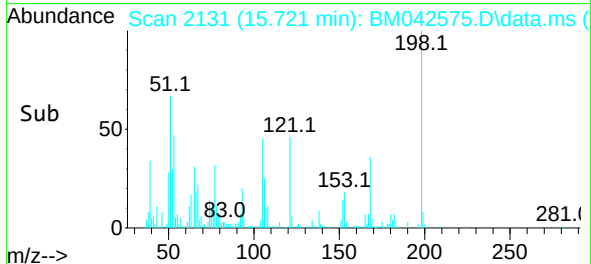
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD



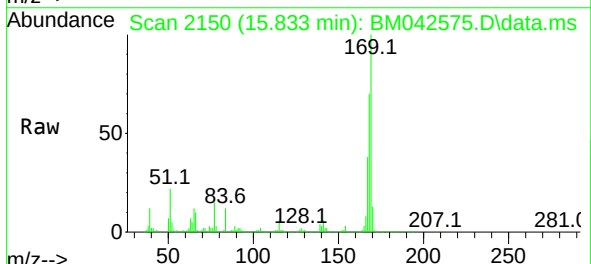
Tgt Ion:198 Resp: 34472
Ion Ratio Lower Upper
198 100
51 68.1 42.4 82.4
105 46.9 29.2 69.2

Manual Integrations
APPROVED

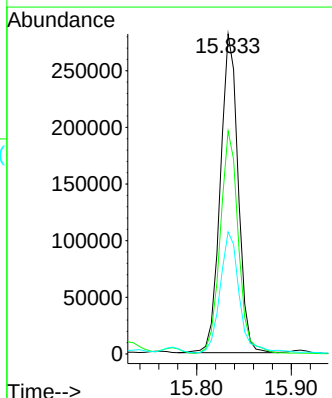
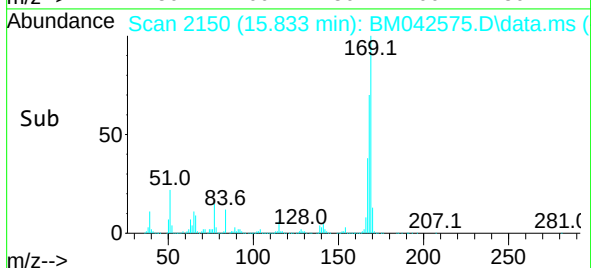
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

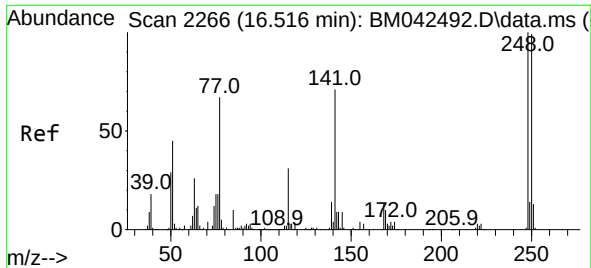


#66
n-Nitrosodiphenylamine
Concen: 50.778 ng
RT: 15.833 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59



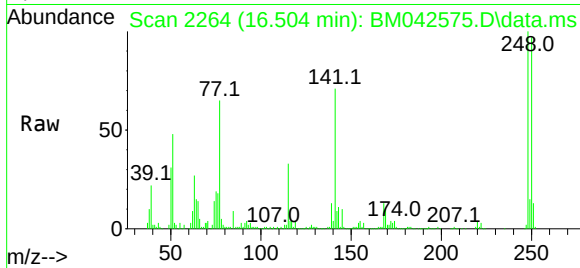
Tgt Ion:169 Resp: 367241
Ion Ratio Lower Upper
169 100
168 69.7 55.9 83.9
167 38.1 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 55.515 ng
RT: 16.504 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

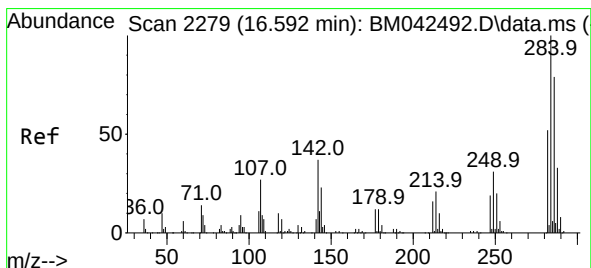
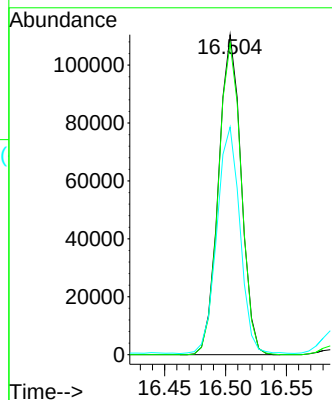
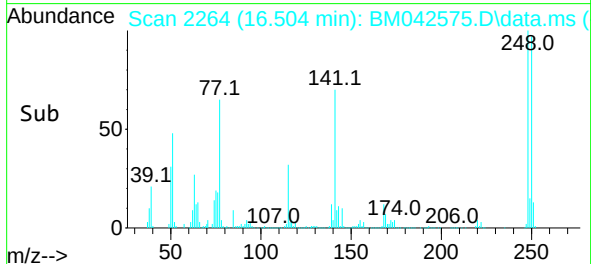
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD



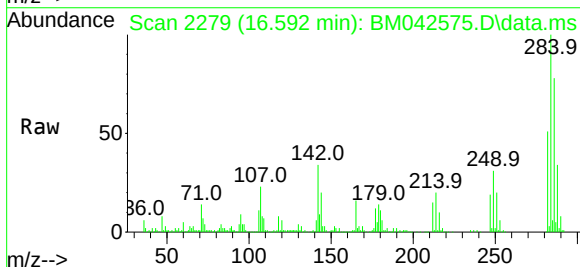
Tgt Ion:248 Resp: 142380
Ion Ratio Lower Upper
248 100
250 97.3 79.4 119.0
141 71.2 57.0 85.6

Manual Integrations
APPROVED

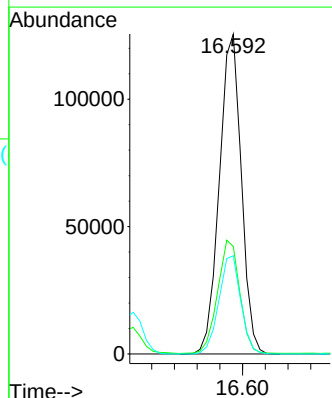
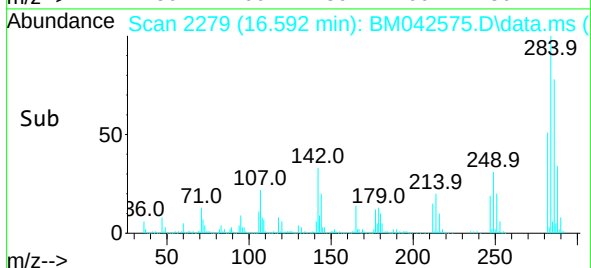
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

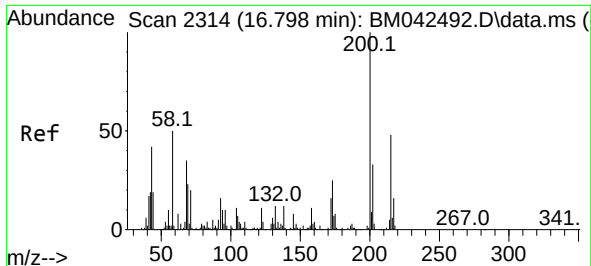


#68
Hexachlorobenzene
Concen: 59.367 ng
RT: 16.592 min Scan# 2279
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59



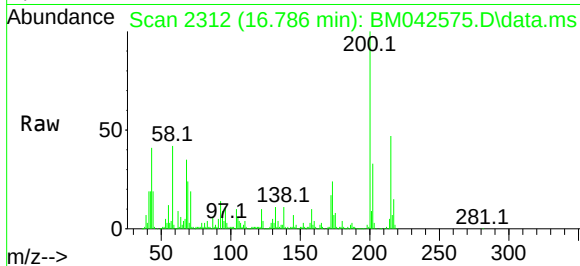
Tgt Ion:284 Resp: 168450
Ion Ratio Lower Upper
284 100
142 33.6 29.8 44.6
249 30.7 25.1 37.7





#69
 Atrazine
 Concen: 66.759 ng
 RT: 16.786 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM042575.D
 Acq: 03 Nov 2023 17:59

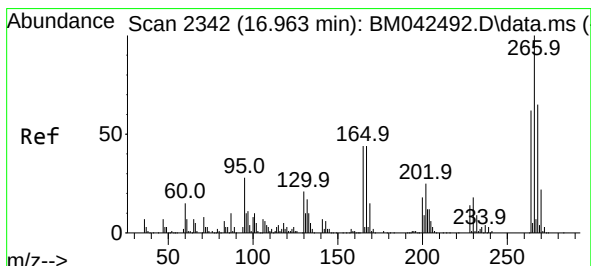
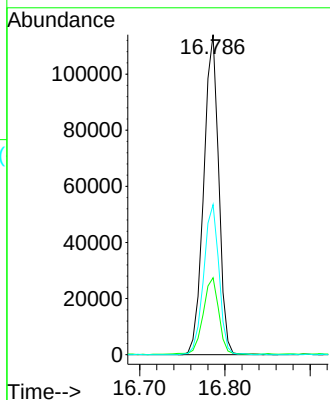
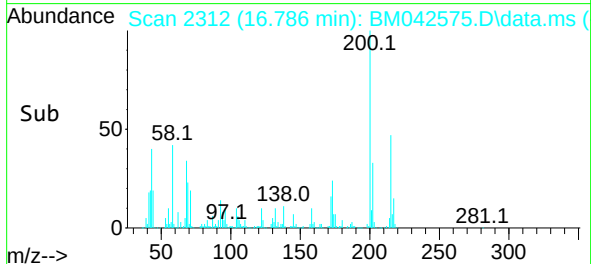
Instrument :
 BNA_M
 ClientSampleId :
 Z-7(0-5)MSD



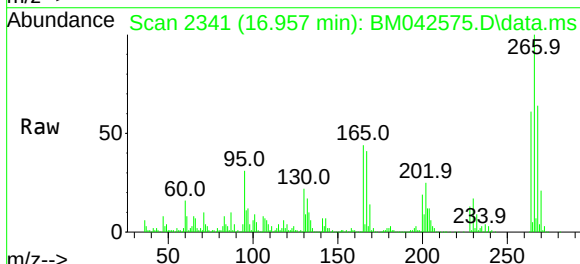
Tgt Ion:200 Resp: 139512
 Ion Ratio Lower Upper
 200 100
 173 24.0 5.4 45.4
 215 46.9 27.9 67.9

Manual Integrations
 APPROVED

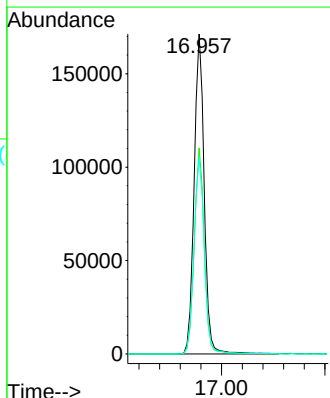
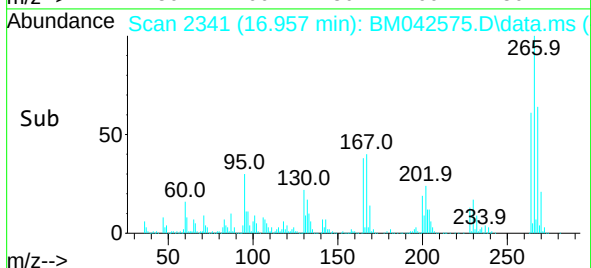
Reviewed By :Yogesh Patel 11/04/2023
 Supervised By :mohammad ahmed 11/04/2023

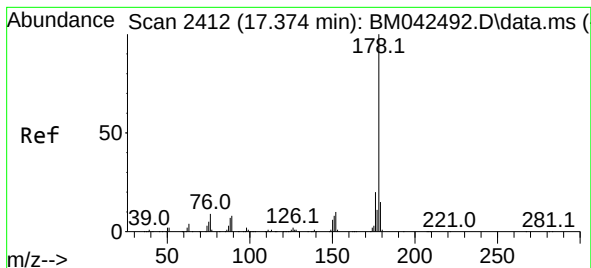


#70
 Pentachlorophenol
 Concen: 110.997 ng
 RT: 16.957 min Scan# 2341
 Delta R.T. 0.006 min
 Lab File: BM042575.D
 Acq: 03 Nov 2023 17:59



Tgt Ion:266 Resp: 231542
 Ion Ratio Lower Upper
 266 100
 268 64.4 51.7 77.5
 264 61.2 49.4 74.2





#71

Phenanthrene

Concen: 125.807 ng

RT: 17.368 min Scan# 2411

Delta R.T. 0.006 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

Instrument :

BNA_M

ClientSampleId :

Z-7(0-5)MSD

Tgt Ion:178 Resp: 1686360

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

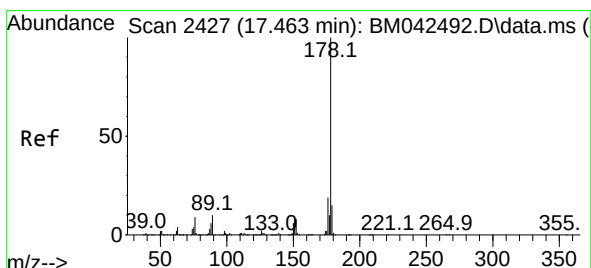
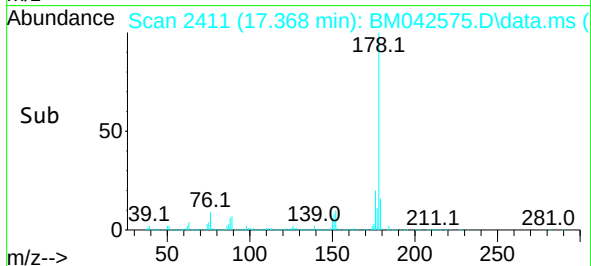
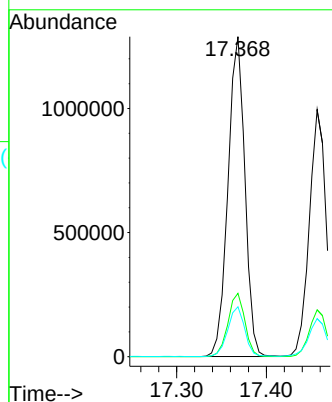
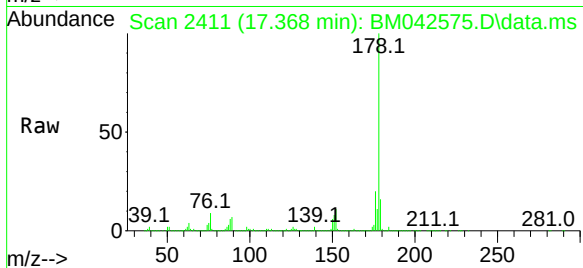
179 15.6 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#72

Anthracene

Concen: 98.937 ng

RT: 17.457 min Scan# 2426

Delta R.T. 0.006 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

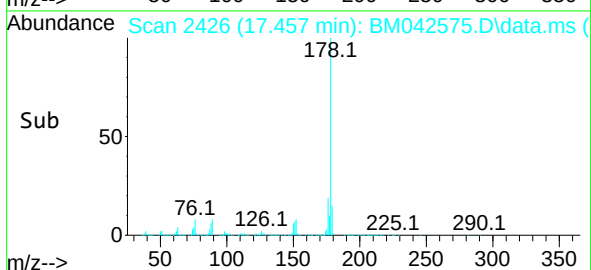
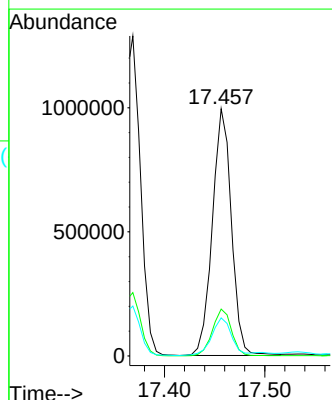
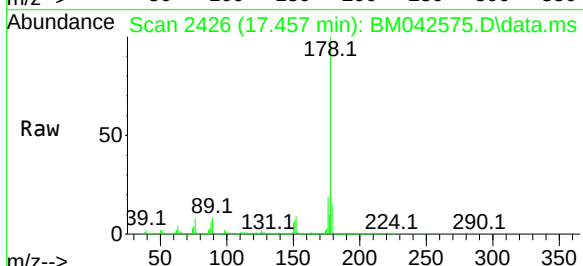
Tgt Ion:178 Resp: 1313573

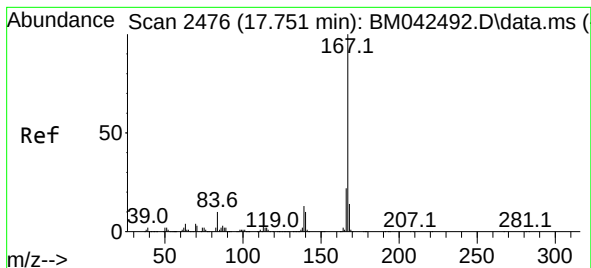
Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

179 15.4 12.3 18.5





#73

Carbazole

Concen: 63.572 ng

RT: 17.745 min Scan# 2476

Delta R.T. 0.006 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

Instrument :

BNA_M

ClientSampleId :

Z-7(0-5)MSD

Tgt Ion:167 Resp: 686640

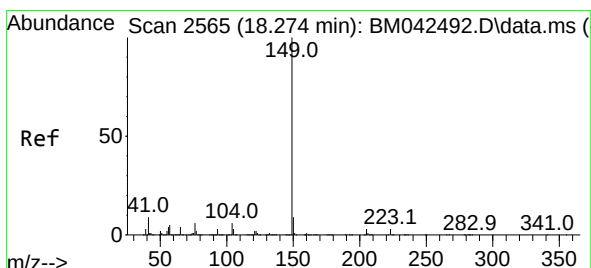
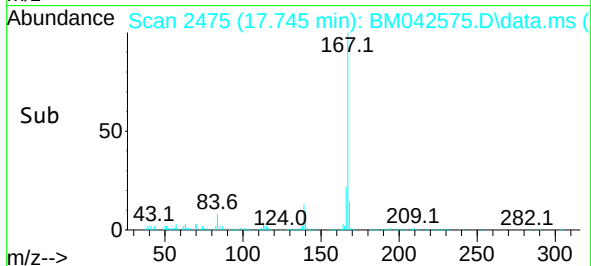
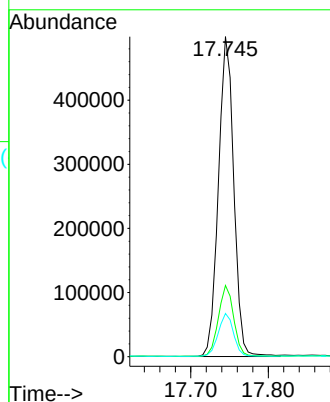
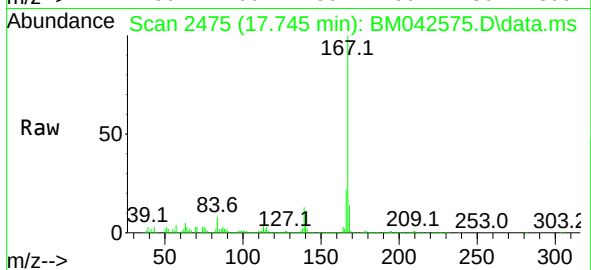
Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.4	26.2
139	13.5	10.5	15.7

Manual Integrations

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Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#74

Di-n-butylphthalate

Concen: 56.933 ng

RT: 18.262 min Scan# 2563

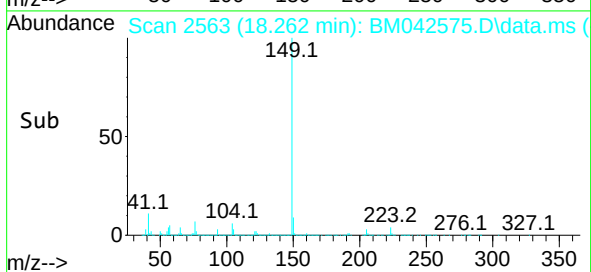
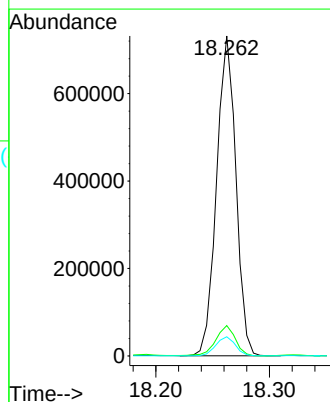
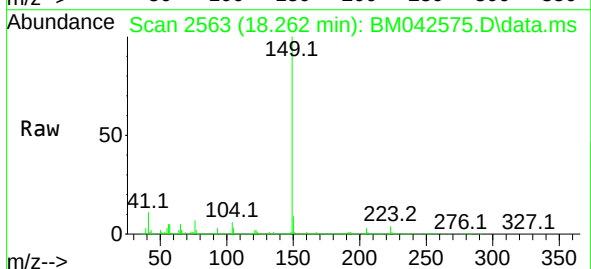
Delta R.T. 0.006 min

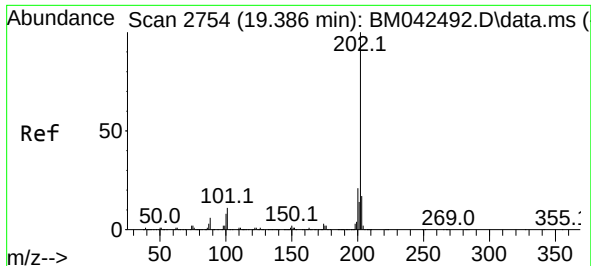
Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

Tgt Ion:149 Resp: 863549

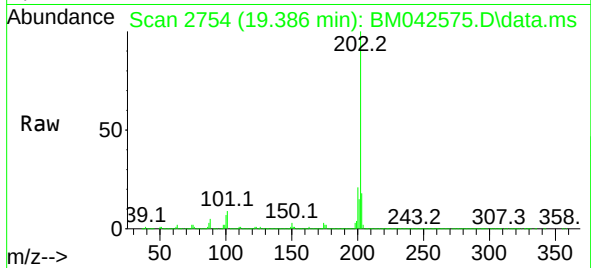
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.0	10.6
104	6.0	4.6	6.8





#75
Fluoranthene
Concen: 235.201 ng
RT: 19.386 min Scan# 21
Delta R.T. 0.011 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

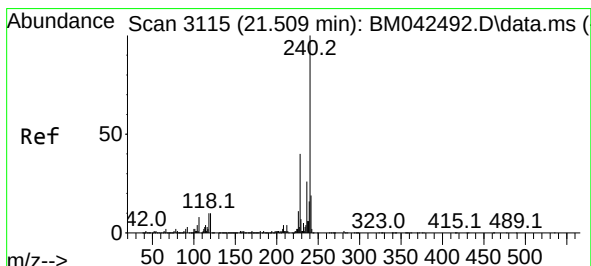
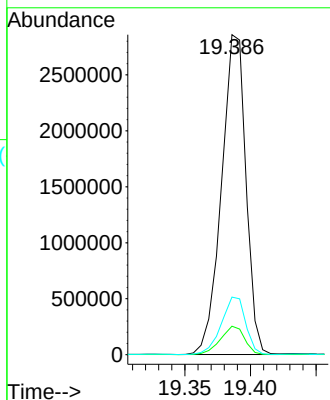
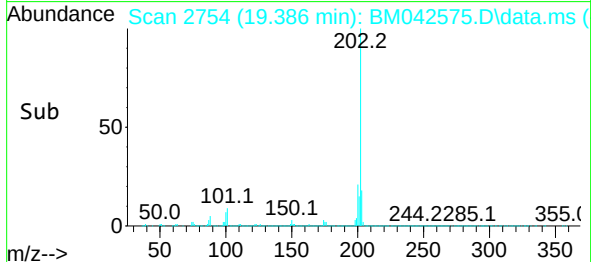
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD



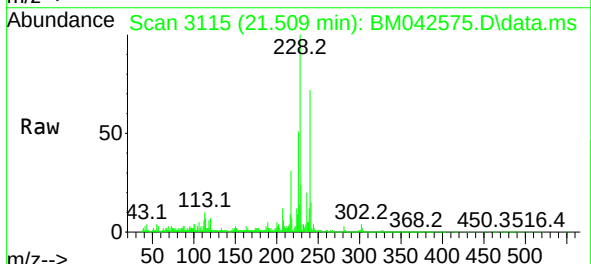
Tgt Ion:202 Resp: 3703404
Ion Ratio Lower Upper
202 100
101 8.9 0.0 30.5
203 18.0 0.0 37.0

Manual Integrations
APPROVED

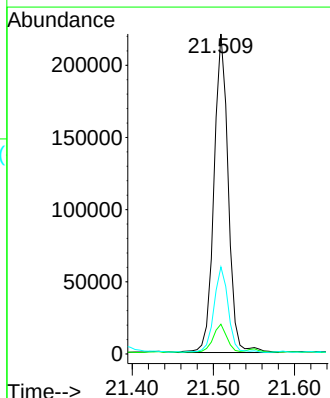
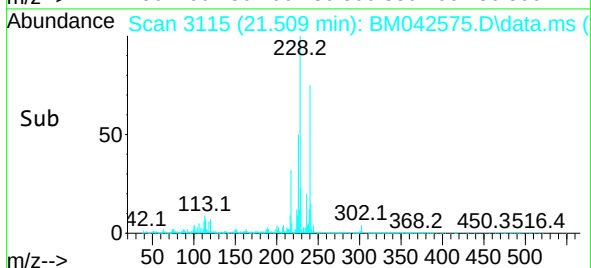
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

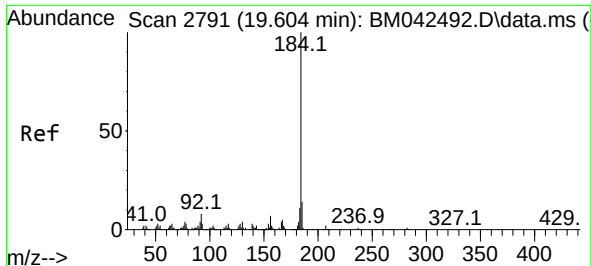


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.509 min Scan# 3115
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59



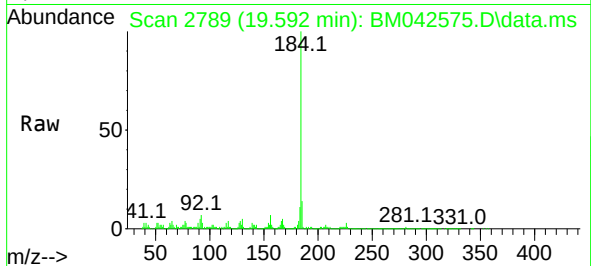
Tgt Ion:240 Resp: 269024
Ion Ratio Lower Upper
240 100
120 9.3 8.3 12.5
236 27.2 20.8 31.2





#77
Benzidine
Concen: 203.354 ng
RT: 19.592 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

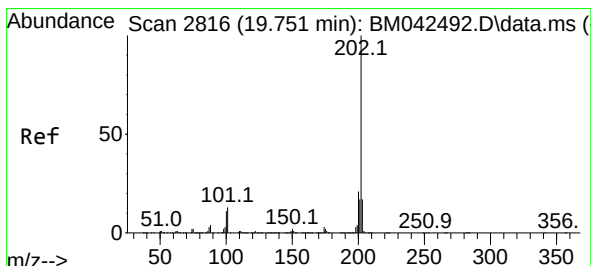
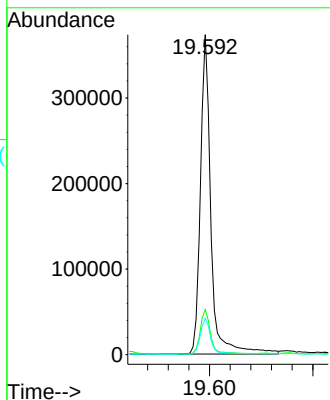
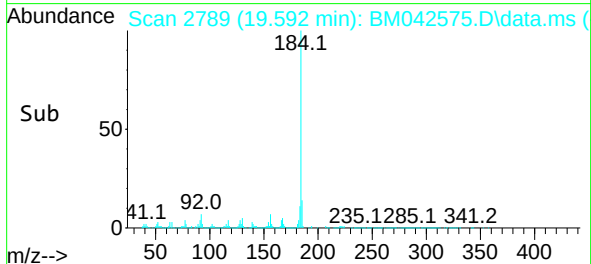
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD



Tgt Ion:184 Resp: 524760
Ion Ratio Lower Upper
184 100
185 14.1 11.2 16.8
183 11.4 9.0 13.4

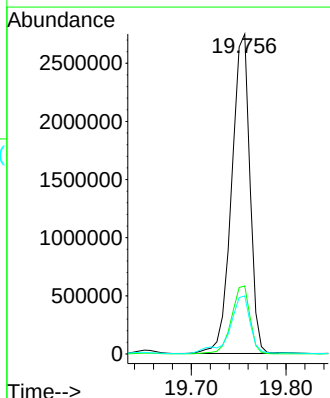
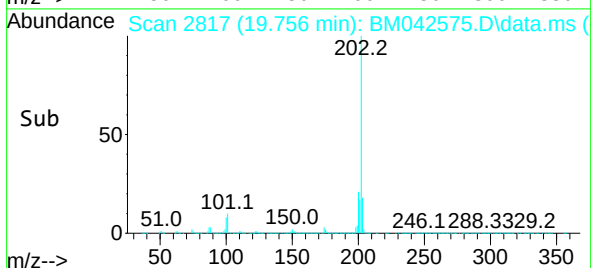
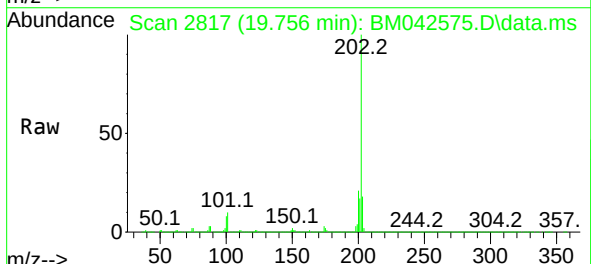
Manual Integrations
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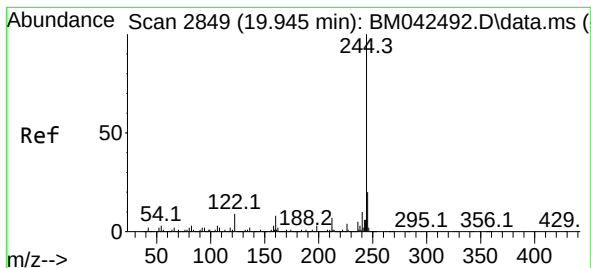
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#78
Pyrene
Concen: 199.240 ng
RT: 19.756 min Scan# 2817
Delta R.T. 0.017 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Tgt Ion:202 Resp: 3680544
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 18.2 13.7 20.5





#79

Terphenyl-d14

Concen: 55.813 ng

RT: 19.933 min Scan# 2847

Delta R.T. -0.000 min

Lab File: BM042575.D

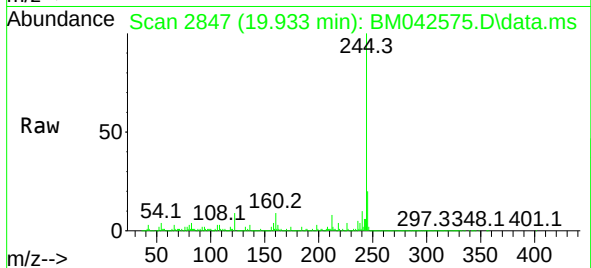
Acq: 03 Nov 2023 17:59

Instrument :

BNA_M

ClientSampleId :

Z-7(0-5)MSD



Tgt Ion:244 Resp: 885519

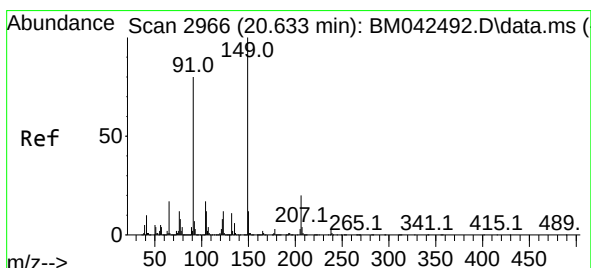
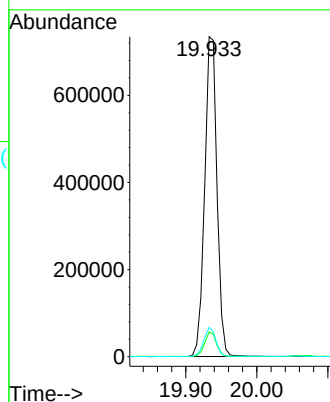
Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.4	8.2
122	9.1	7.2	10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#80

Butylbenzylphthalate

Concen: 52.120 ng

RT: 20.621 min Scan# 2964

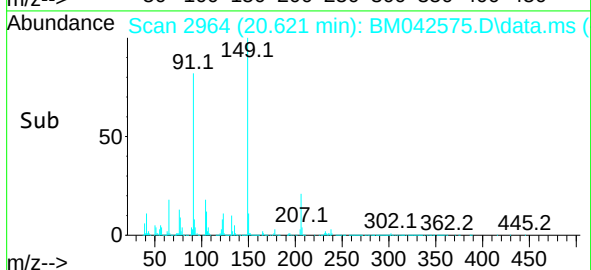
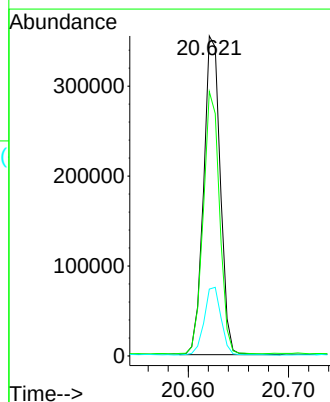
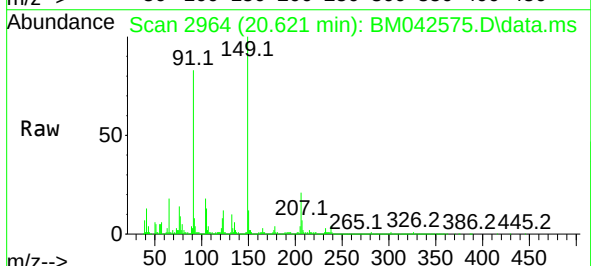
Delta R.T. -0.000 min

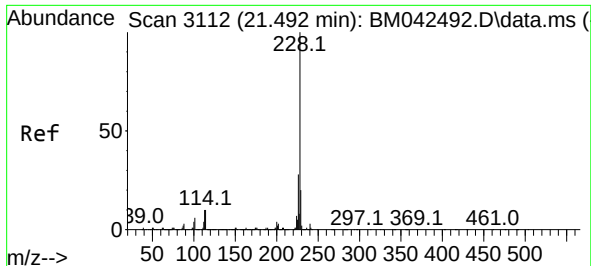
Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

Tgt Ion:149 Resp: 411218

Ion	Ratio	Lower	Upper
149	100		
91	82.6	64.2	96.4
206	20.9	16.1	24.1





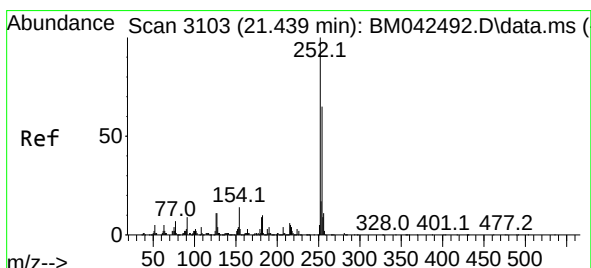
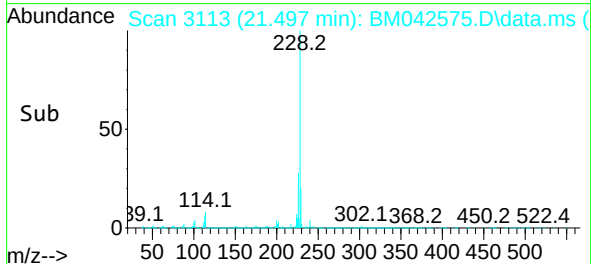
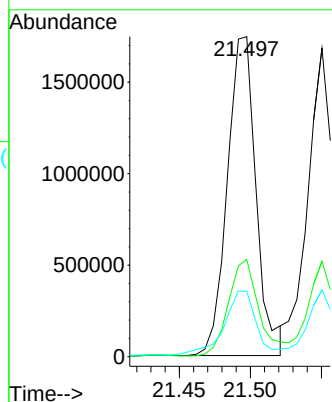
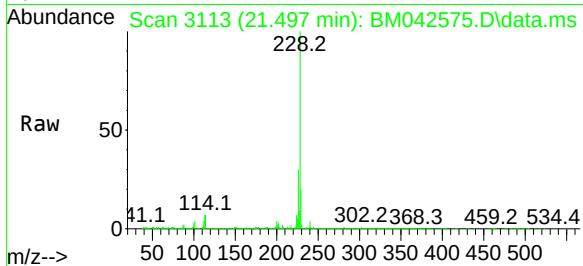
#81
Benzo(a)anthracene
Concen: 143.404 ng
RT: 21.497 min Scan# 3112
Delta R.T. 0.011 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD

Tgt Ion:228 Resp: 245459
Ion Ratio Lower Upper
228 100
226 30.4 22.3 33.5
229 20.4 15.8 23.8

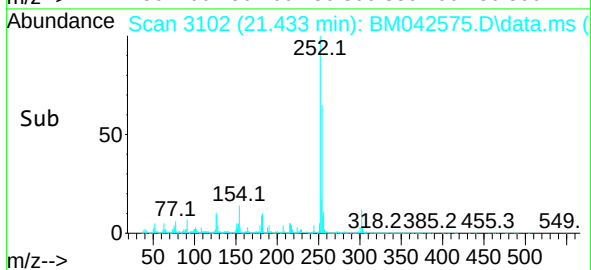
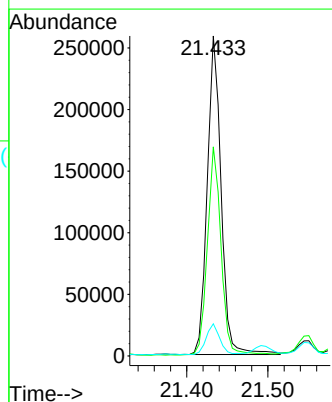
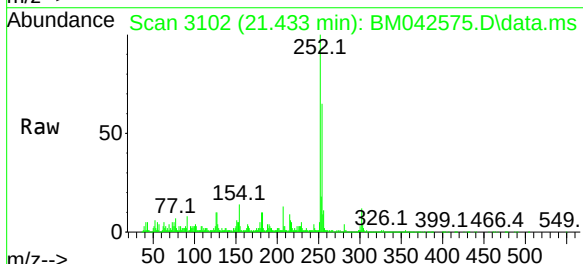
Manual Integrations
APPROVED

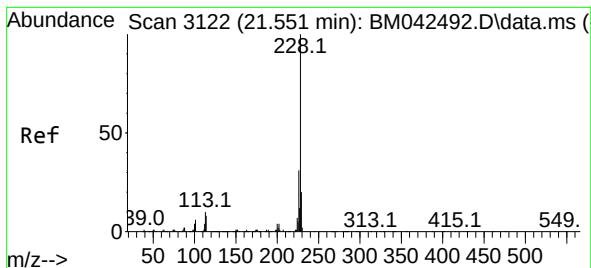
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#82
3,3'-Dichlorobenzidine
Concen: 56.273 ng
RT: 21.433 min Scan# 3102
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Tgt Ion:252 Resp: 306124
Ion Ratio Lower Upper
252 100
254 65.4 52.2 78.4
126 10.1 8.9 13.3





#83

Chrysene

Concen: 118.206 ng

RT: 21.550 min Scan# 3122

Delta R.T. 0.011 min

Lab File: BM042575.D

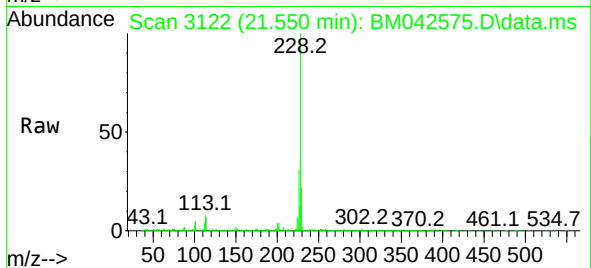
Acq: 03 Nov 2023 17:59

Instrument :

BNA_M

ClientSampleId :

Z-7(0-5)MSD



Tgt Ion:228 Resp: 205525

Ion Ratio Lower Upper

228 100

226 30.9 24.4 36.6

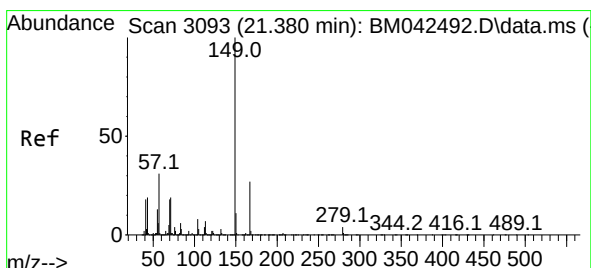
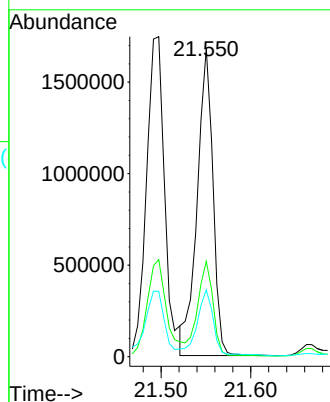
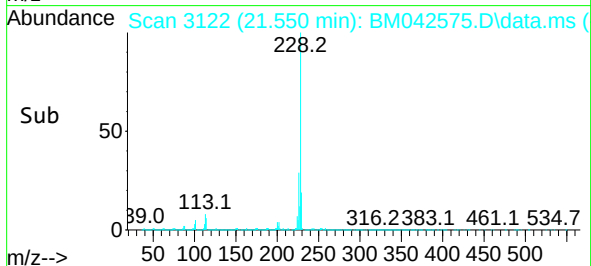
229 21.7 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.951 ng

RT: 21.368 min Scan# 3091

Delta R.T. 0.006 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

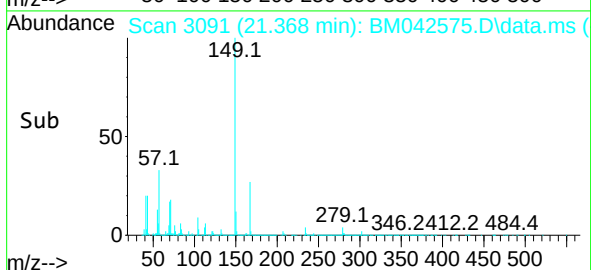
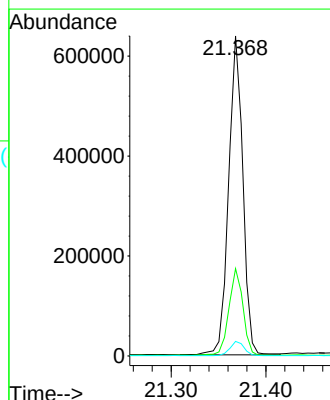
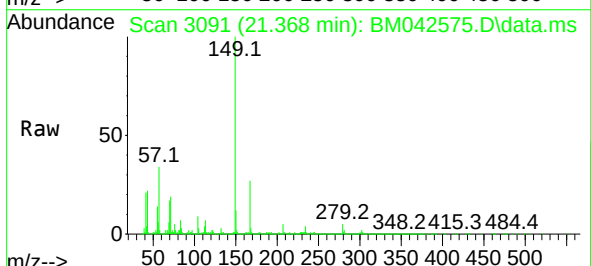
Tgt Ion:149 Resp: 667167

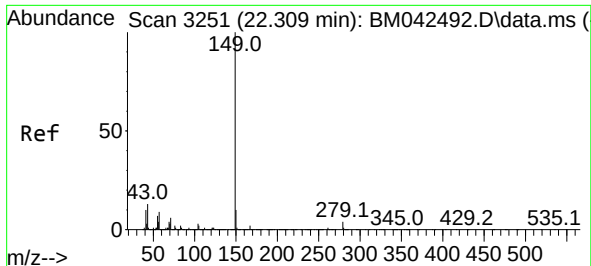
Ion Ratio Lower Upper

149 100

167 27.3 21.4 32.0

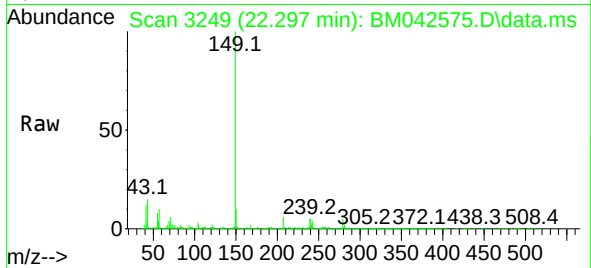
279 4.5 3.4 5.2





#85
Di-n-octyl phthalate
Concen: 51.247 ng
RT: 22.297 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

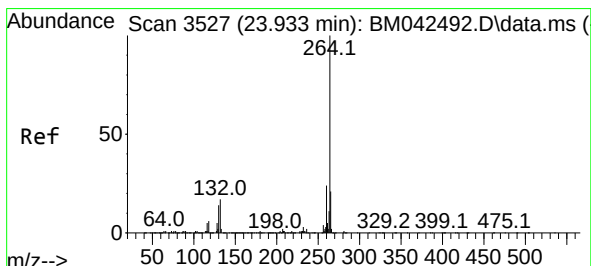
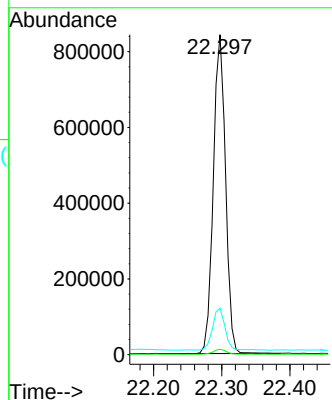
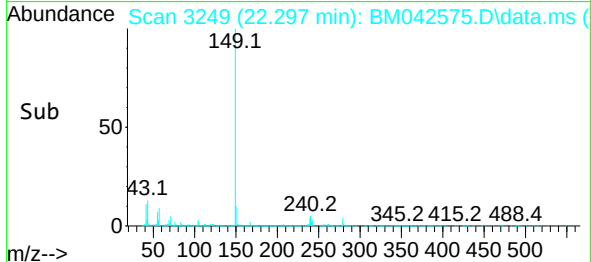
Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD



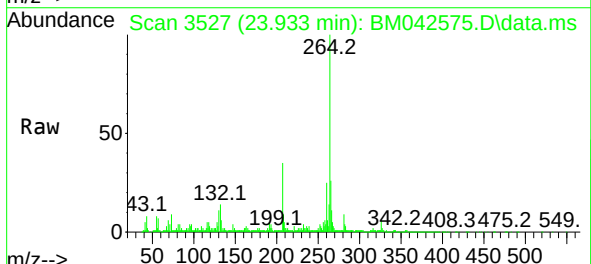
Tgt Ion:149 Resp: 105180
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 13.3 10.2 15.2

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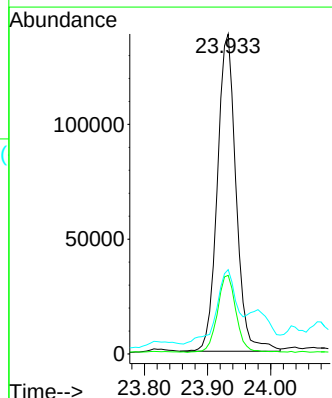
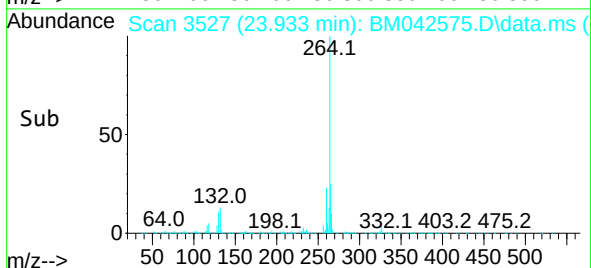
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

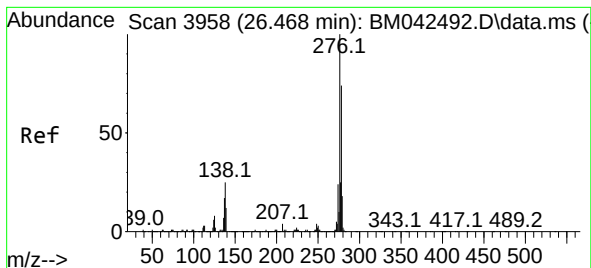


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.933 min Scan# 3527
Delta R.T. 0.017 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59



Tgt Ion:264 Resp: 284450
Ion Ratio Lower Upper
264 100
260 24.6 19.0 28.4
265 26.4 18.7 28.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 100.869 ng

RT: 26.485 min Scan# 3401

Delta R.T. 0.035 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

Instrument :

BNA_M

ClientSampleId :

Z-7(0-5)MSD

Tgt Ion:276 Resp: 170769

Ion Ratio Lower Upper

276 100

138 17.6 20.6 31.0

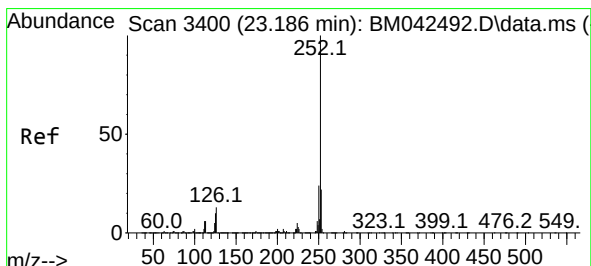
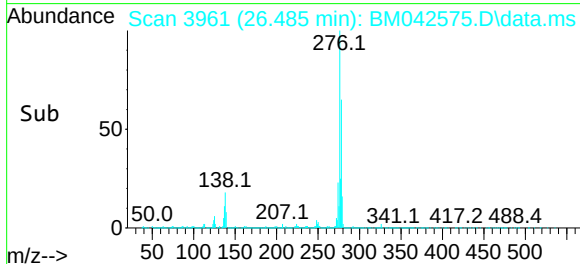
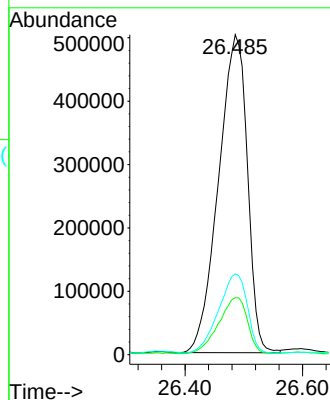
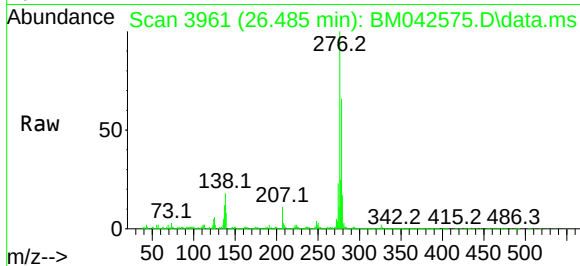
277 24.7 19.5 29.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#88

Benzo(b)fluoranthene

Concen: 140.289 ng m

RT: 23.191 min Scan# 3401

Delta R.T. 0.017 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

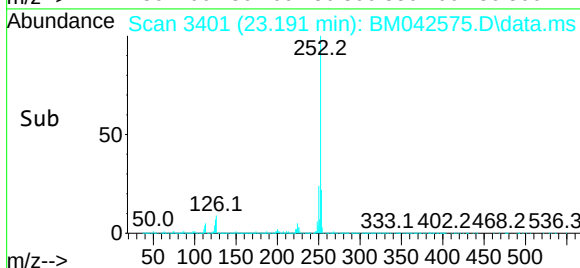
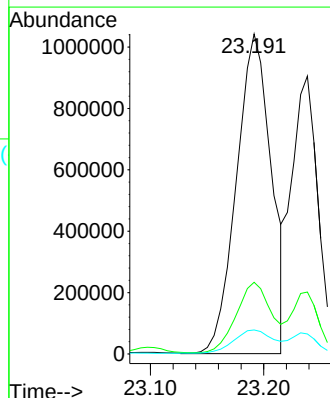
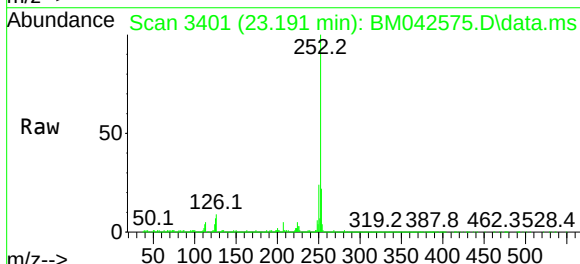
Tgt Ion:252 Resp: 2223207

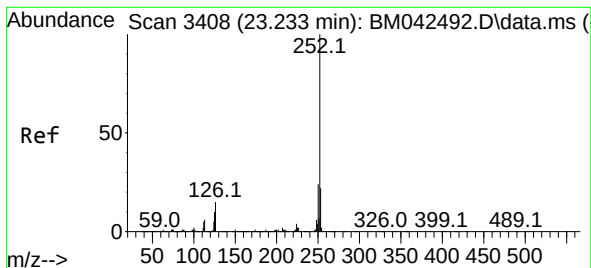
Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

125 7.5 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 83.403 ng m

RT: 23.238 min Scan# 3408

Delta R.T. 0.017 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

Instrument :

BNA_M

ClientSampleId :

Z-7(0-5)MSD

Tgt Ion:252 Resp: 1472800

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

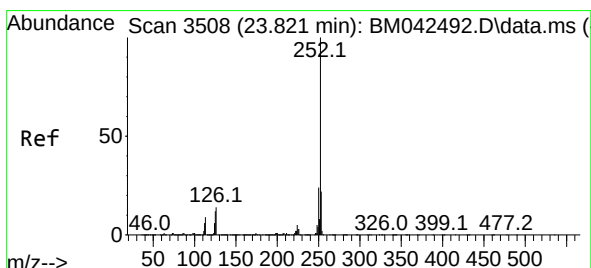
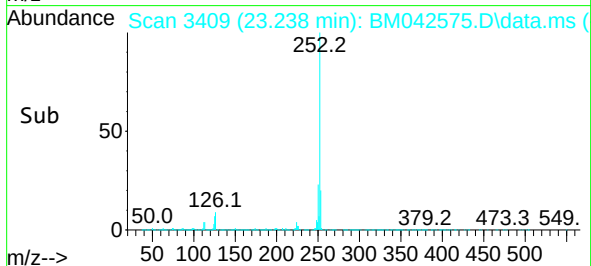
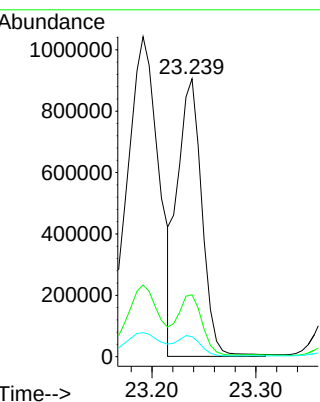
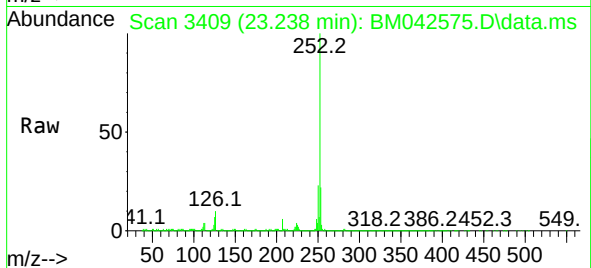
125 7.2 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2023

Supervised By :mohammad ahmed 11/04/2023



#90

Benzo(a)pyrene

Concen: 127.375 ng m

RT: 23.833 min Scan# 3510

Delta R.T. 0.023 min

Lab File: BM042575.D

Acq: 03 Nov 2023 17:59

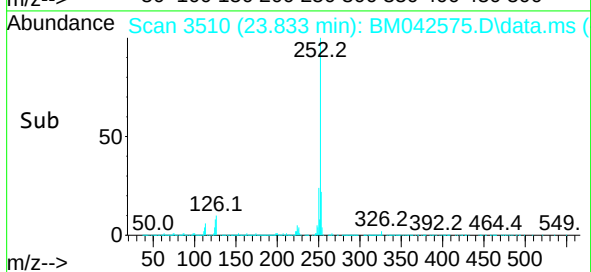
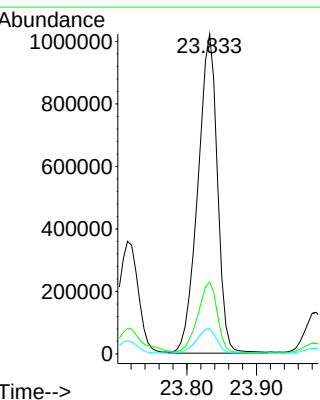
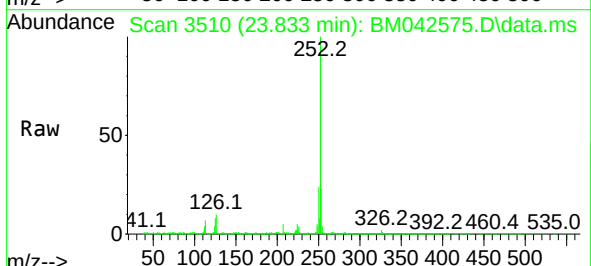
Tgt Ion:252 Resp: 1987303

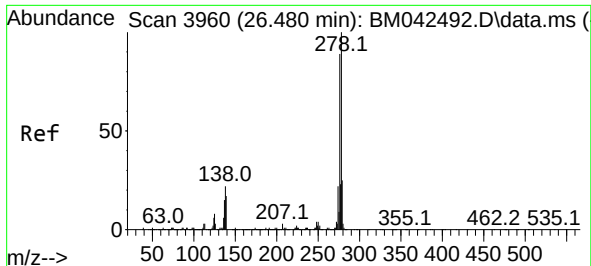
Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

125 8.0 9.4 14.2





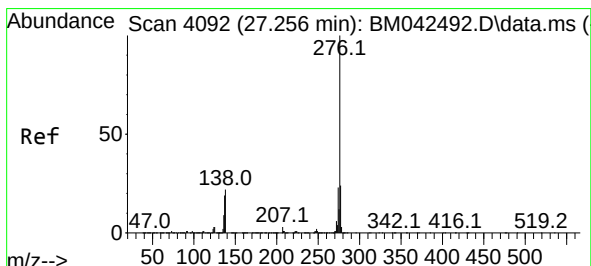
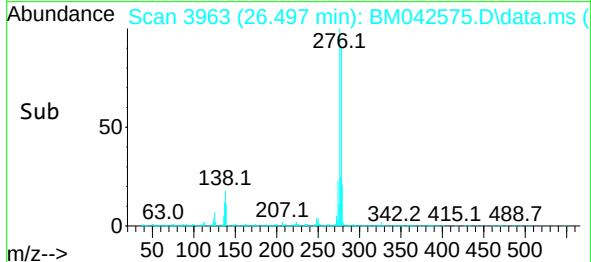
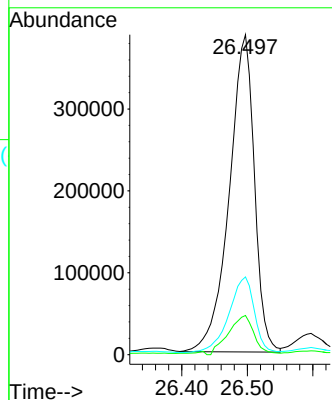
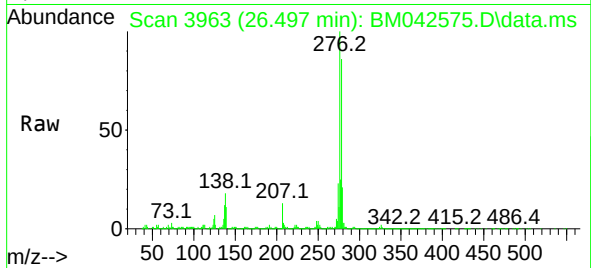
#91
Dibenzo(a,h)anthracene
Concen: 64.563 ng
RT: 26.497 min Scan# 3960
Delta R.T. 0.029 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Instrument :
BNA_M
ClientSampleId :
Z-7(0-5)MSD

Tgt Ion:278 Resp: 103348
Ion Ratio Lower Upper
278 100
139 12.2 13.4 20.2
279 24.3 19.7 29.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023



#92
Benzo(g,h,i)perylene
Concen: 97.612 ng
RT: 27.285 min Scan# 4097
Delta R.T. 0.041 min
Lab File: BM042575.D
Acq: 03 Nov 2023 17:59

Tgt Ion:276 Resp: 1456481
Ion Ratio Lower Upper
276 100
277 24.8 19.2 28.8
138 16.6 17.3 25.9

