

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
 Data File : BM043312.D
 Acq On : 13 Dec 2023 21:37
 Operator : MA/JU
 Sample : 05690-10MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCLH7MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/15/2023

Quant Time: Dec 13 23:12:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 22:33:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	352489	20.000	ng/u1	0.00
20) Naphthalene-d8	10.810	136	1609041	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.627	164	900017	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.368	188	1685048	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.539	240	1092614	20.000	ng/u1	# 0.00
88) Perylene-d12	23.962	264	1020917	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	29926	3.332	ng/uL	0.00
4) Pyridine-d5	3.828	84	86125	3.232	ng/u1	0.01
7) Phenol-d5	7.157	99	709013	20.261	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	439906	20.307	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	540779	20.271	ng/u1	0.00
15) 4-Methylphenol-d8	8.710	113	541590	19.562	ng/u1	0.00
21) Nitrobenzene-d5	9.175	128	279516	20.381	ng/u1	0.00
24) 2-Nitrophenol-d4	9.892	143	288854	21.842	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.428	165	553463	18.776	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	506848	11.950	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	1579347	20.018	ng/u1	0.00
49) Acenaphthylene-d8	14.321	160	1842817	20.190	ng/u1	0.00
54) 4-Nitrophenol-d4	14.827	143	294412	20.825	ng/u1	0.00
60) Fluorene-d10	15.616	176	1342995	19.528	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	81690	8.808	ng/u1	0.00
73) Anthracene-d10	17.468	188	1957468	21.472	ng/u1	0.00
81) Pyrene-d10	19.751	212	1920847	27.475	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.803	264	1309024	21.974	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.434	88	70443	7.141	ng/uL#	90
5) Pyridine	3.852	79	14105m	0.515	ng/u1	
6) Benzaldehyde	7.145	77	428655	23.799	ng/u1	98
8) Phenol	7.187	94	944206	27.282	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.428	93	627677	22.494	ng/u1	98
12) 2-Chlorophenol	7.557	128	616664	22.785	ng/u1	97
13) 2-Methylphenol	8.445	108	582102	21.751	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.528	45	1095363	23.610	ng/u1	99
16) Acetophenone	8.834	105	1852061	41.622	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.816	70	530653	21.757	ng/u1	99
18) 4-Methylphenol	8.775	108	644580	22.198	ng/u1	98
19) Hexachloroethane	9.075	117	260532	22.710	ng/u1#	81
22) Nitrobenzene	9.216	77	765115	23.203	ng/u1	99
23) Isophorone	9.739	82	1497952	21.320	ng/u1	99
25) 2-Nitrophenol	9.922	139	344521	23.770	ng/u1	95
26) 2,4-Dimethylphenol	9.981	107	380695	13.396	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.228	93	903161	21.863	ng/u1	100
29) 2,4-Dichlorophenol	10.451	162	590327	20.634	ng/u1	97
30) Naphthalene	10.857	128	2266169	22.946	ng/u1	100
32) 4-Chloroaniline	10.975	127	514632	12.864	ng/u1	99
33) Hexachlorobutadiene	11.128	225	304028	17.054	ng/u1	99
34) Caprolactam	11.751	113	217371	25.553	ng/u1	92
35) 4-Chloro-3-methylphenol	12.086	107	679177	22.608	ng/u1	96
36) 2-Methylnaphthalene	12.463	142	1542648	21.711	ng/u1	99

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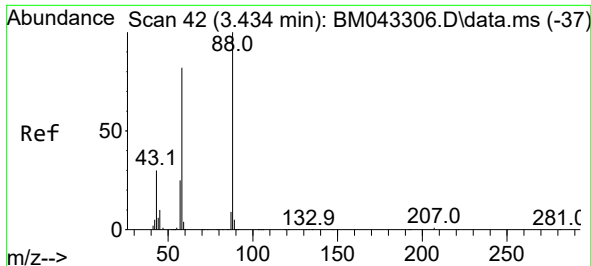
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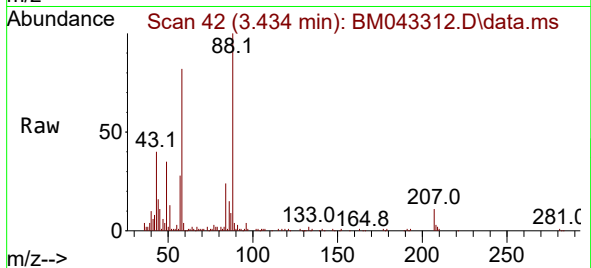
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.680	142	1508712	20.919	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.822	216	607962	19.966	ng/ul#	97
40) Hexachlorocyclopentadiene	12.792	237	150968	8.738	ng/ul	97
41) 2,4,6-Trichlorophenol	13.069	196	434155	22.913	ng/ul	98
42) 2,4,5-Trichlorophenol	13.133	196	477182	23.139	ng/ul	98
43) 1,1'-Biphenyl	13.469	154	1884006	23.663	ng/ul#	98
44) 2-Chloronaphthalene	13.510	162	1439576	23.326	ng/ul	97
45) 2-Nitroaniline	13.716	65	482753	29.601	ng/ul	92
47) Dimethylphthalate	14.092	163	1708460	22.079	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	350152	24.560	ng/ul	93
50) Acenaphthylene	14.351	152	2461180	23.858	ng/ul	99
51) 3-Nitroaniline	14.539	138	360344	22.783	ng/ul	93
52) Acenaphthene	14.692	153	1992610	29.283	ng/ul	100
53) 2,4-Dinitrophenol	14.745	184	53193	8.127	ng/ul#	77
55) 4-Nitrophenol	14.839	109	270485	26.460	ng/ul	93
56) Dibenzofuran	15.027	168	2364737	25.441	ng/ul	94
57) 2,4-Dinitrotoluene	14.998	165	509959	25.052	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.245	232	362435	21.144	ng/ul#	86
59) Diethylphthalate	15.451	149	1893693	24.330	ng/ul	97
61) Fluorene	15.674	166	2195724	27.289	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.668	204	789075	19.850	ng/ul#	89
63) 4-Nitroaniline	15.698	138	396260	24.935	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.751	198	102999	10.157	ng/ul#	79
67) N-Nitrosodiphenylamine	15.886	169	1470579	26.025	ng/ul	100
68) 4-Bromophenyl-phenylether	16.563	248	464787	22.810	ng/ul#	88
69) Hexachlorobenzene	16.663	284	543753	22.490	ng/ul#	89
70) Atrazine	16.839	200	338637	21.251	ng/ul	96
71) Pentachlorophenol	17.010	266	292122	20.519	ng/ul	98
72) Phenanthrene	17.410	178	4788083	45.568	ng/ul	99
74) Anthracene	17.504	178	5823528	55.019	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.427	216	617428	23.161	ng/ul	99
76) Pentachlorobenzene	14.939	250	610900	22.550	ng/ul	97
77) Carbazole	17.774	167	2747693	31.602	ng/ul	98
78) Di-n-butylphthalate	18.345	149	3526429	31.182	ng/ul	100
80) Fluoranthene	19.421	202	8508036	106.090	ng/ul#	95
82) Pyrene	19.786	202	7596935	91.066	ng/ul	96
83) Butylbenzylphthalate	20.686	149	1411484	42.535	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.462	252	378219	14.565	ng/ul#	96
85) Benzo(a)anthracene	21.527	228	3185774	38.029	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.462	149	2084693	39.797	ng/ul#	97
87) Chrysene	21.580	228	3134158	41.889	ng/ul	99
89) Di-n-octyl phthalate	22.409	149	3167985	45.113	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	3002431	41.219	ng/ul#	96
91) Benzo(k)fluoranthene	23.274	252	2313856	31.894	ng/ul#	96
93) Benzo(a)pyrene	23.856	252	2113864	31.396	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.491	276	2379745	31.030	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.515	278	1761762	27.473	ng/ul#	94
96) Benzo(g,h,i)perylene	27.268	276	1020012	17.653	ng/ul#	92

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



#2
1,4-Dioxane
Concen: 7.141 ng/uL
RT: 3.434 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM043312.D
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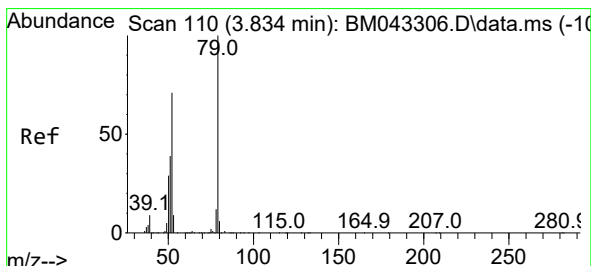
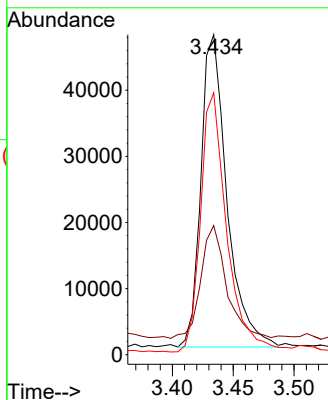
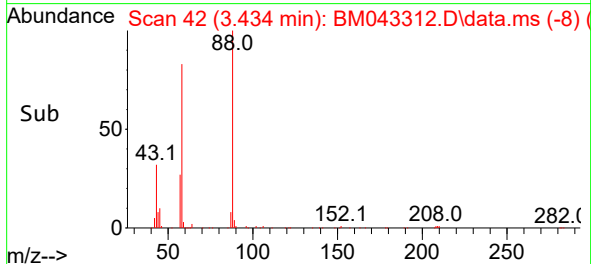
Instrument :
BNA_M
ClientSampleId :
DCLH7MSD



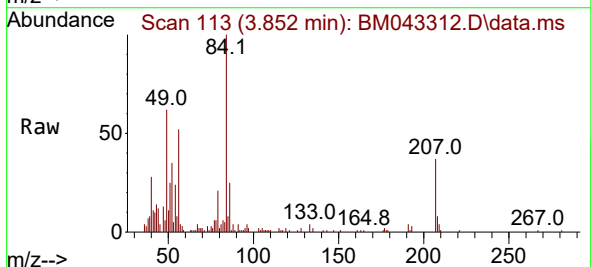
Tgt Ion: 88 Resp: 7044
Ion Ratio Lower Upper
88 100
43 40.3 25.0 37.4
58 81.8 60.6 90.8

Manual Integrations
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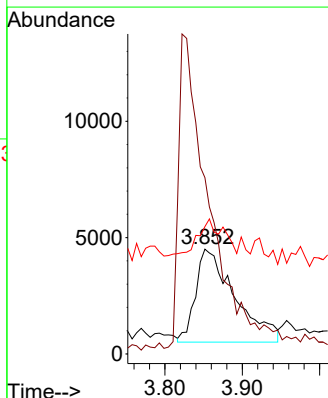
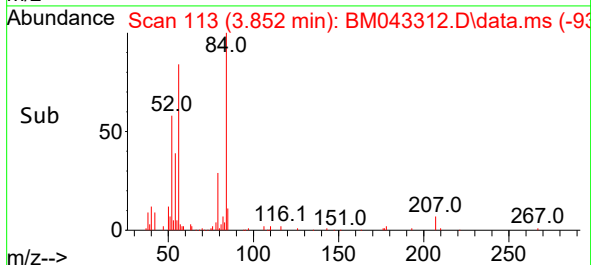
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/15/2023

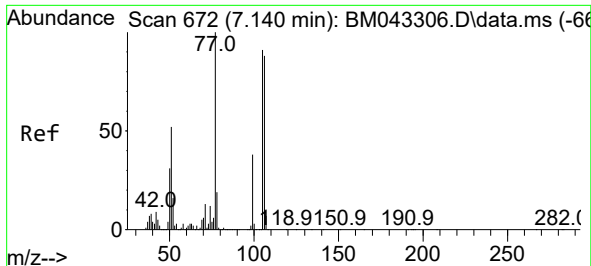


#5
Pyridine
Concen: 0.515 ng/uL m
RT: 3.852 min Scan# 113
Delta R.T. 0.018 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37



Tgt Ion: 79 Resp: 14105
Ion Ratio Lower Upper
79 100
52 168.2 64.9 97.3#
51 121.6 31.0 46.4#





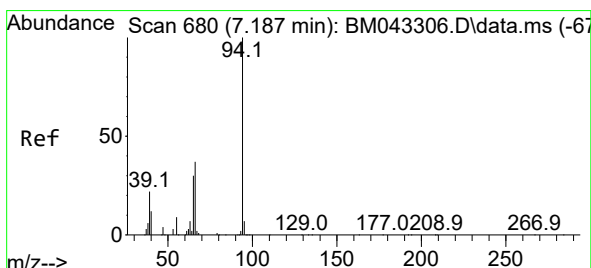
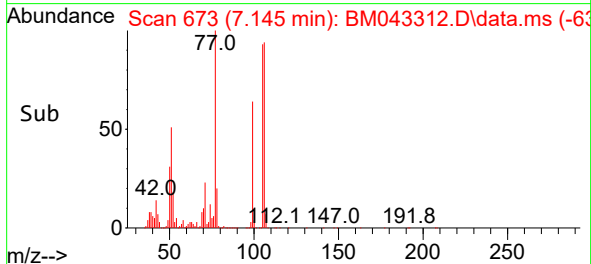
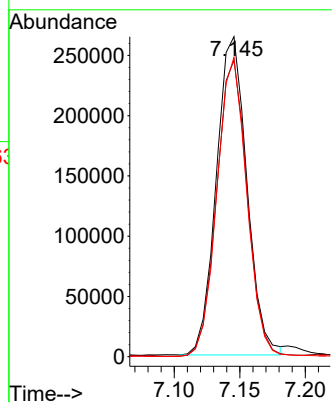
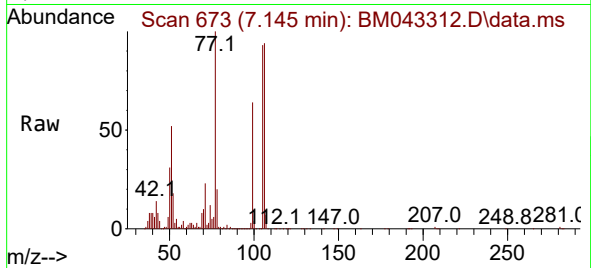
#6
Benzaldehyde
Concen: 23.799 ng/ul
RT: 7.145 min Scan# 611
Delta R.T. 0.006 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

Instrument :
BNA_M
ClientSampleId :
DCLH7MSD

Tgt Ion: 77 Resp: 42865
Ion Ratio Lower Upper
77 100
105 92.6 76.3 114.5
106 93.5 74.6 112.0

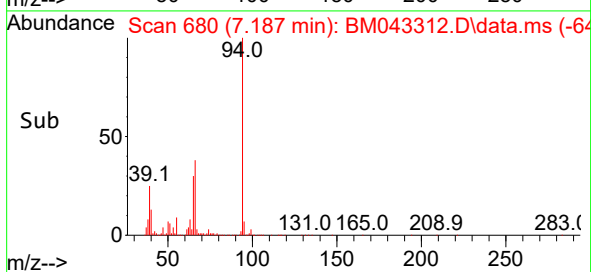
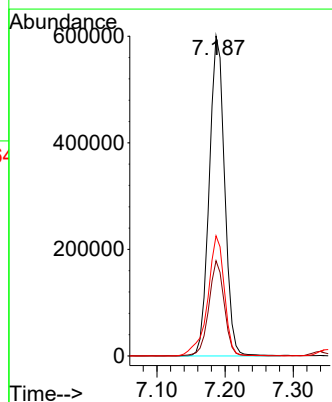
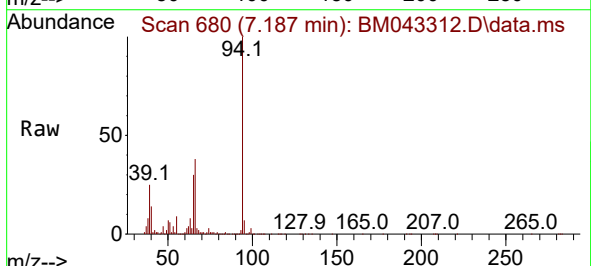
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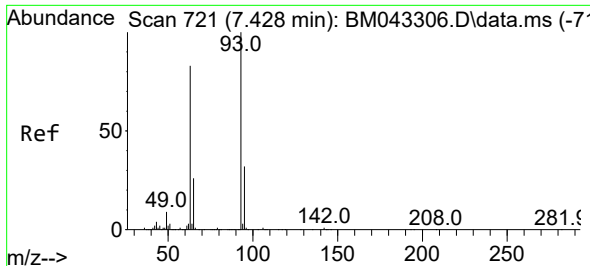
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/15/2023



#8
Phenol
Concen: 27.282 ng/ul
RT: 7.187 min Scan# 680
Delta R.T. -0.000 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

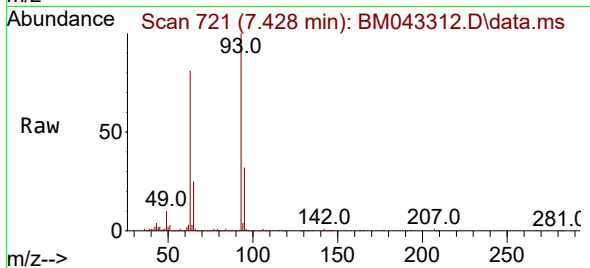
Tgt Ion: 94 Resp: 944206
Ion Ratio Lower Upper
94 100
65 29.7 23.5 35.3
66 37.6 29.9 44.9





#10
Bis(2-Chloroethyl)ether
Concen: 22.494 ng/ul
RT: 7.428 min Scan# 721
Delta R.T. -0.000 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

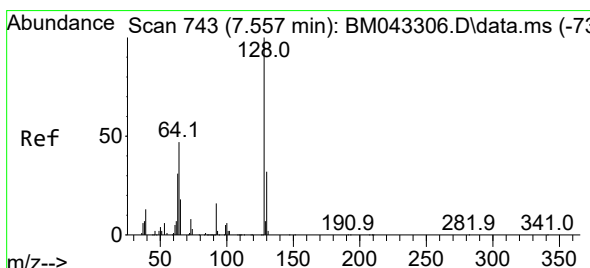
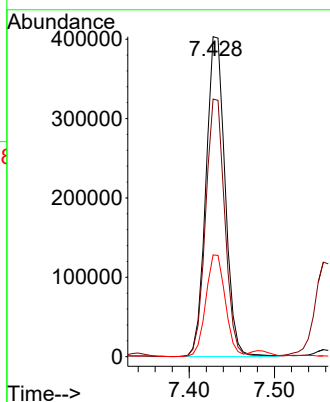
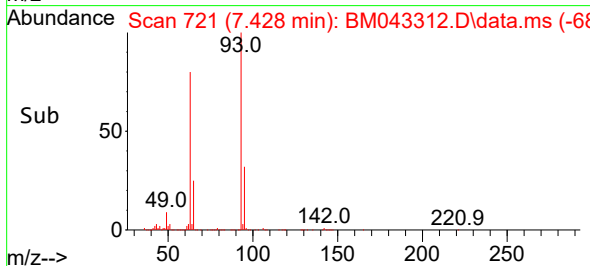
Instrument :
BNA_M
ClientSampleId :
DCLH7MSD



Tgt Ion: 93 Resp: 62767
Ion Ratio Lower Upper
93 100
63 80.5 63.0 94.4
95 31.8 26.0 39.0

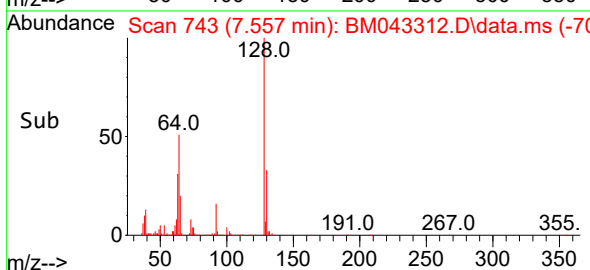
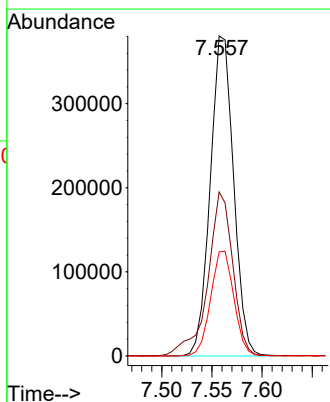
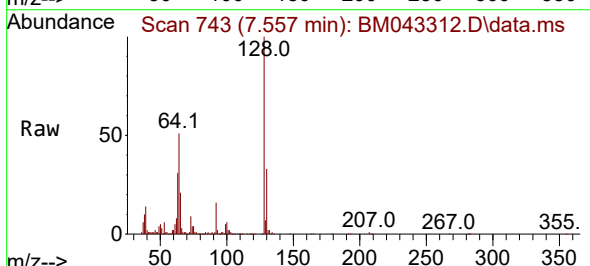
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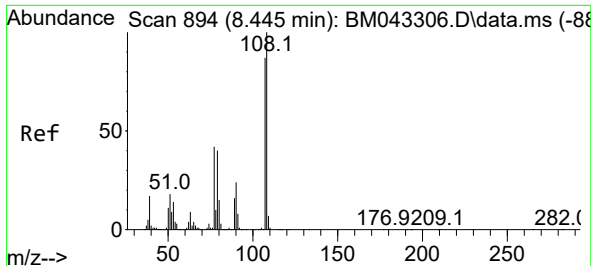
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/15/2023



#12
2-Chlorophenol
Concen: 22.785 ng/ul
RT: 7.557 min Scan# 743
Delta R.T. -0.000 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

Tgt Ion:128 Resp: 616664
Ion Ratio Lower Upper
128 100
64 51.2 38.3 57.5
130 32.5 26.6 40.0





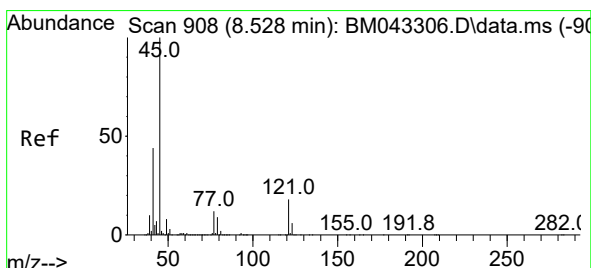
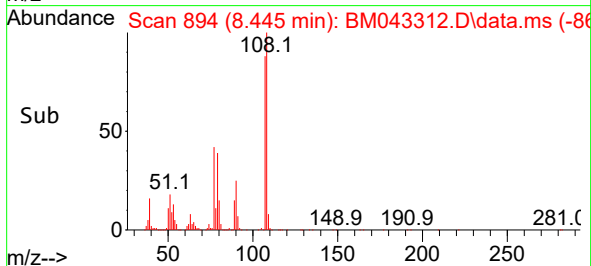
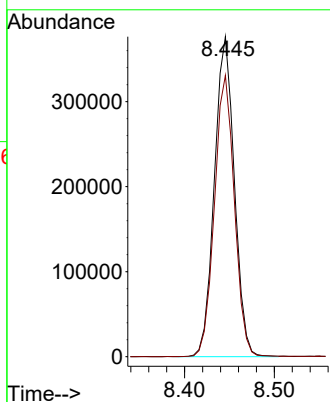
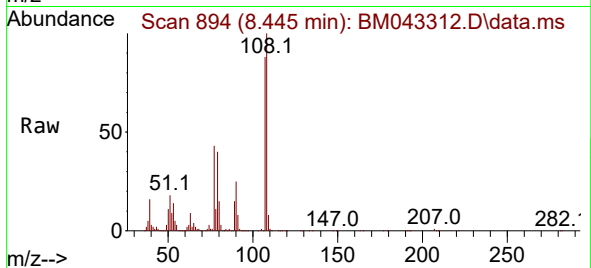
#13
2-Methylphenol
Concen: 21.751 ng/ul
RT: 8.445 min Scan# 894
Delta R.T. -0.000 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

Instrument :
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Tgt Ion:108 Resp: 582102
Ion Ratio Lower Upper
108 100
107 87.9 71.8 107.6

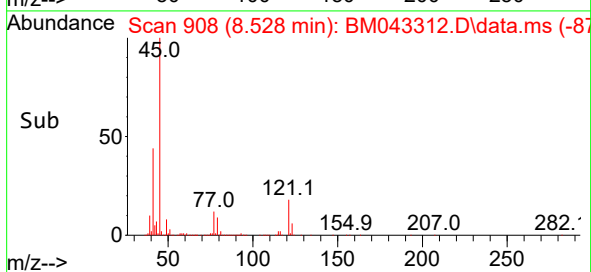
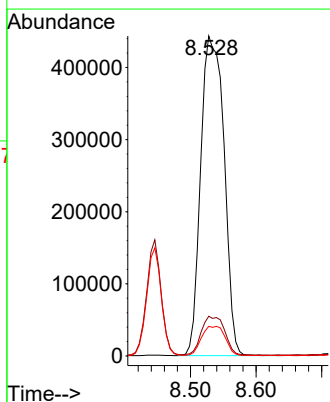
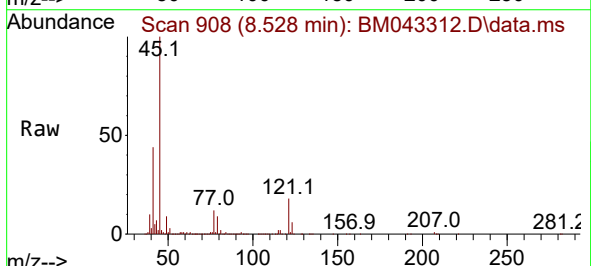
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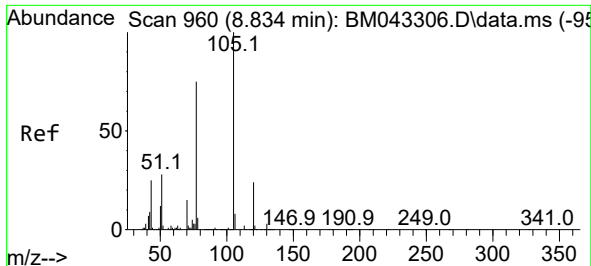
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/15/2023



#14
2,2'-oxybis(1-Chloropropane)
Concen: 23.610 ng/ul
RT: 8.528 min Scan# 908
Delta R.T. -0.000 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

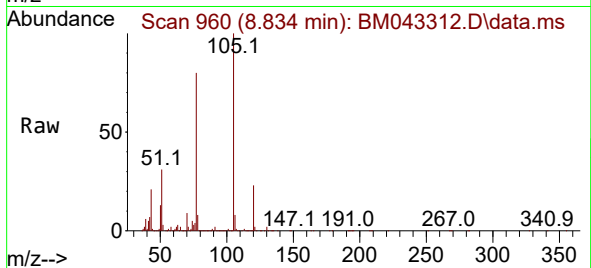
Tgt Ion: 45 Resp: 1095363
Ion Ratio Lower Upper
45 100
77 12.4 10.2 15.2
79 9.3 7.2 10.8





#16
Acetophenone
Concen: 41.622 ng/ul
RT: 8.834 min Scan# 960
Delta R.T. -0.000 min
Lab File: BM043312.D
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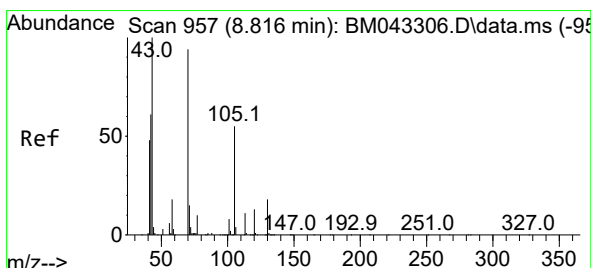
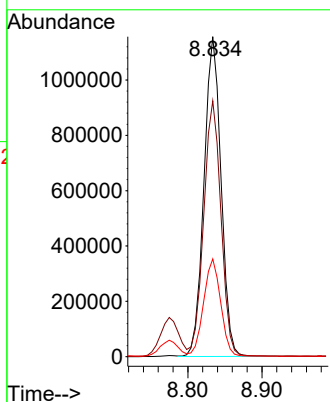
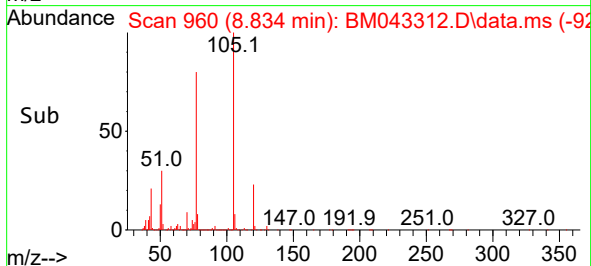
Instrument :
BNA_M
ClientSampleId :
DCLH7MSD



Tgt Ion:105 Resp: 1852063
Ion Ratio Lower Upper
105 100
77 79.9 62.7 94.1
51 30.6 23.8 35.8

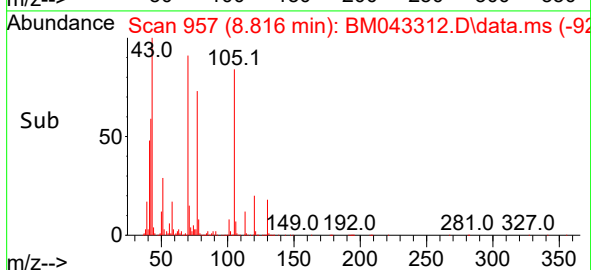
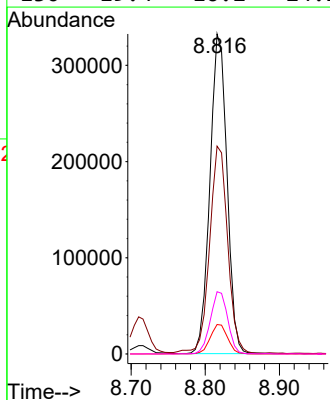
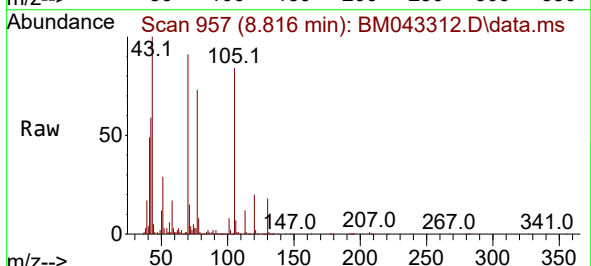
Manual Integrations
APPROVED

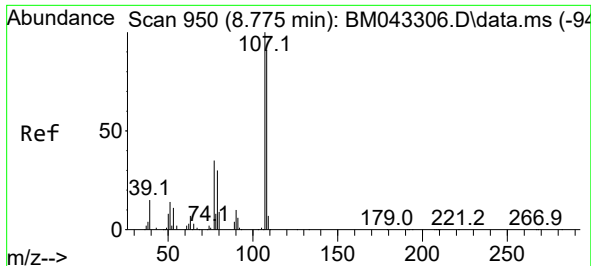
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/15/2023



#17
N-Nitroso-di-n-propylamine
Concen: 21.757 ng/ul
RT: 8.816 min Scan# 957
Delta R.T. -0.000 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

Tgt Ion: 70 Resp: 530653
Ion Ratio Lower Upper
70 100
42 64.9 52.3 78.5
101 9.2 7.0 10.6
130 19.4 16.2 24.2





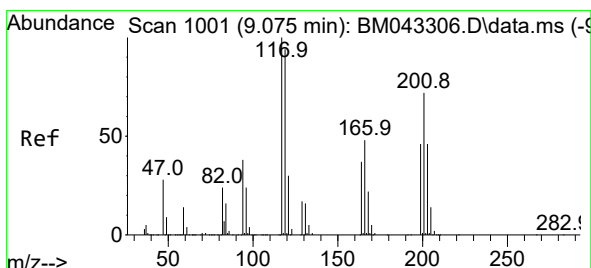
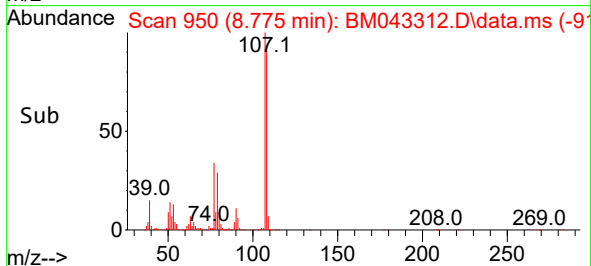
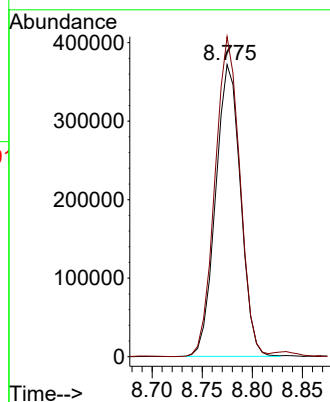
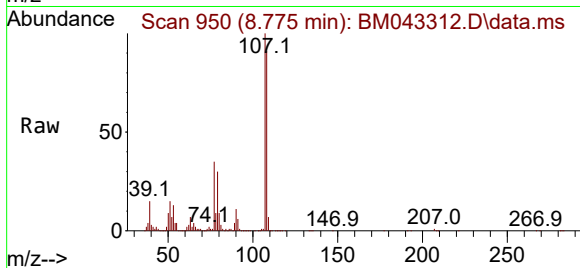
#18
4-Methylphenol
Concen: 22.198 ng/ul
RT: 8.775 min Scan# 950
Delta R.T. -0.000 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

Instrument :
BNA_M
ClientSampleId :
DCLH7MSD

Tgt Ion:108 Resp: 644580
Ion Ratio Lower Upper
108 100
107 109.6 86.4 129.6

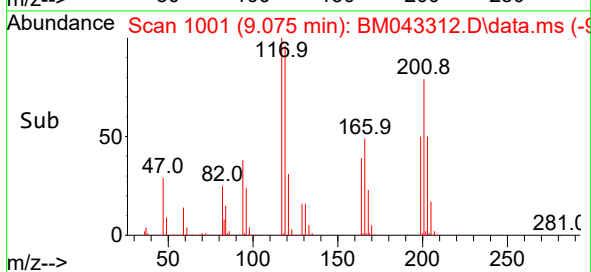
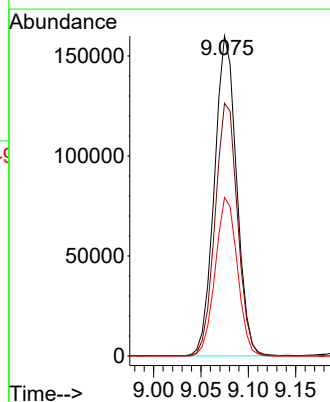
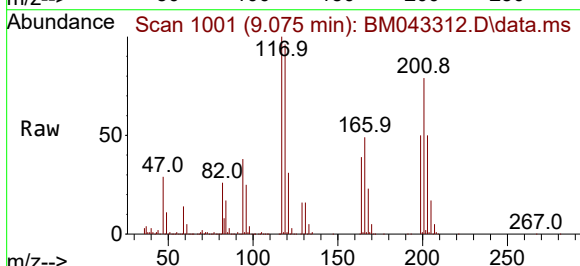
Manual Integrations
APPROVED

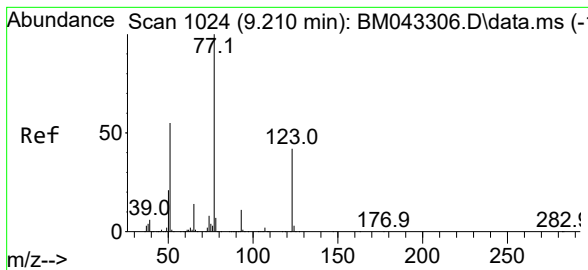
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/15/2023



#19
Hexachloroethane
Concen: 22.710 ng/ul
RT: 9.075 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

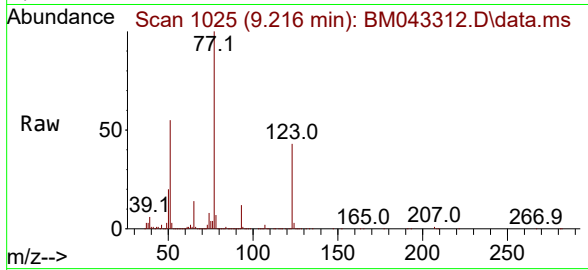
Tgt Ion:117 Resp: 260532
Ion Ratio Lower Upper
117 100
201 79.0 79.2 118.8#
199 49.6 49.8 74.8#





#22
Nitrobenzene
Concen: 23.203 ng/ul
RT: 9.216 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

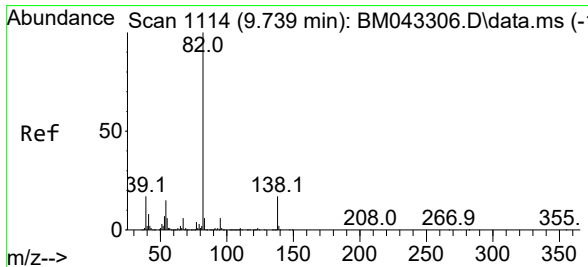
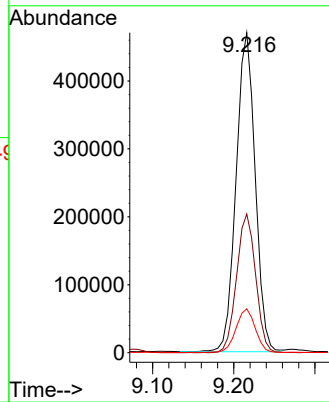
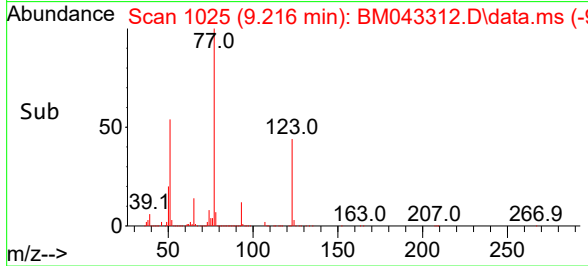
Instrument :
BNA_M
ClientSampleId :
DCLH7MSD



Tgt Ion: 77 Resp: 765115
Ion Ratio Lower Upper
77 100
123 43.3 35.6 53.4
65 13.7 11.0 16.4

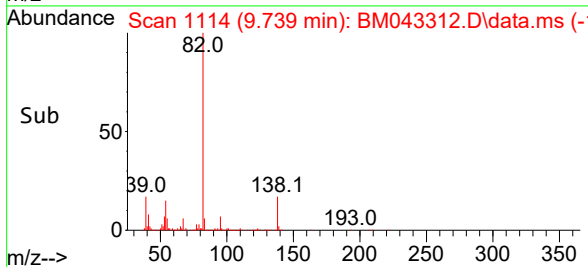
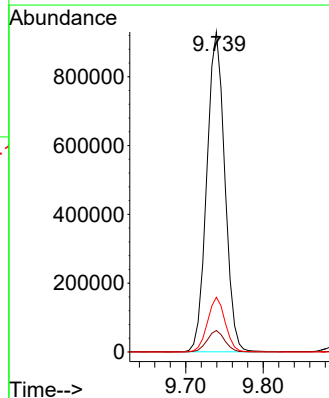
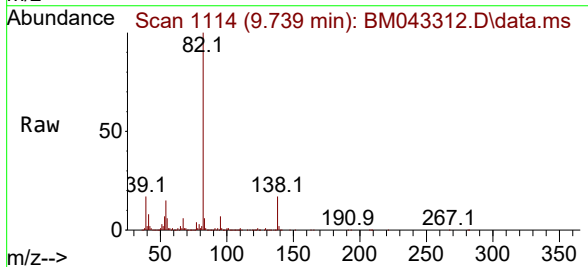
Manual Integrations
APPROVED

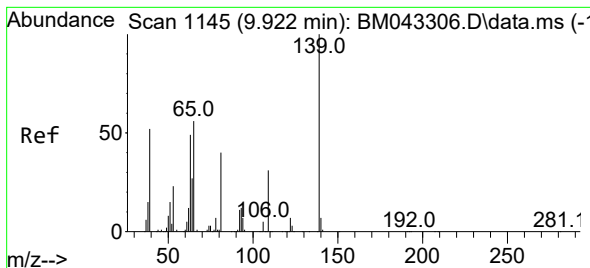
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/15/2023



#23
Isophorone
Concen: 21.320 ng/ul
RT: 9.739 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

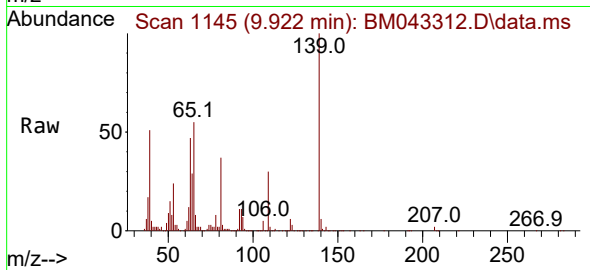
Tgt Ion: 82 Resp: 1497952
Ion Ratio Lower Upper
82 100
95 6.7 5.2 7.8
138 17.1 14.0 21.0





#25
2-Nitrophenol
Concen: 23.770 ng/ul
RT: 9.922 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

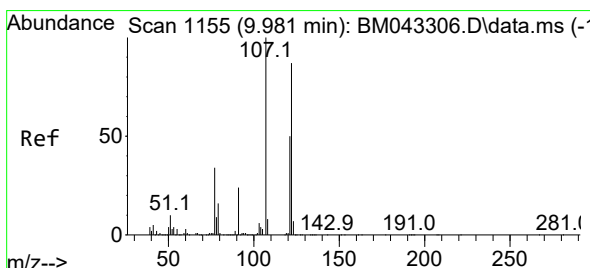
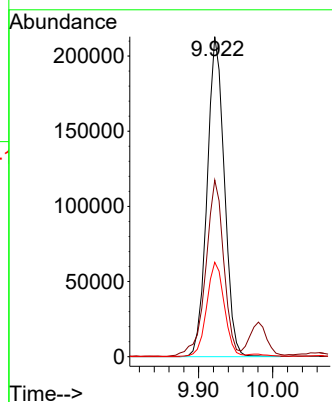
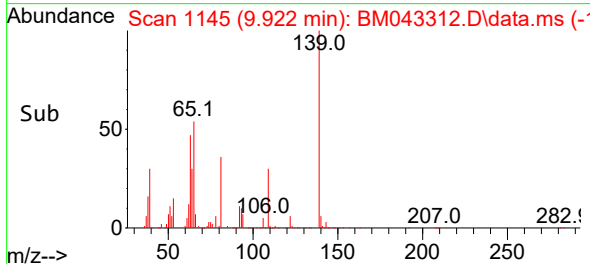
Instrument :
BNA_M
ClientSampleId :
DCLH7MSD



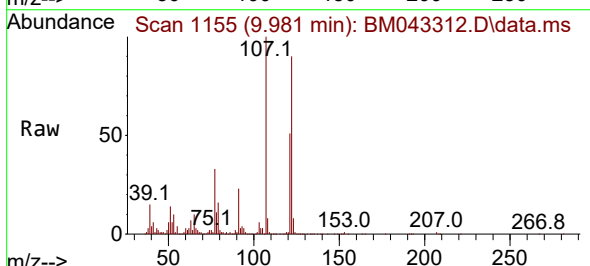
Tgt Ion:139 Resp: 34452
Ion Ratio Lower Upper
139 100
65 55.2 40.6 60.8
109 29.5 22.6 33.8

Manual Integrations
APPROVED

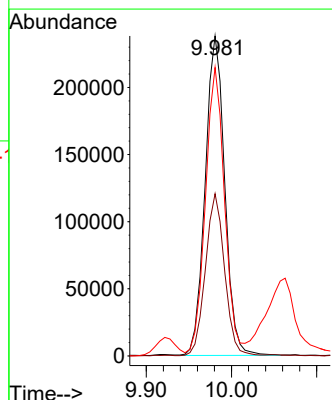
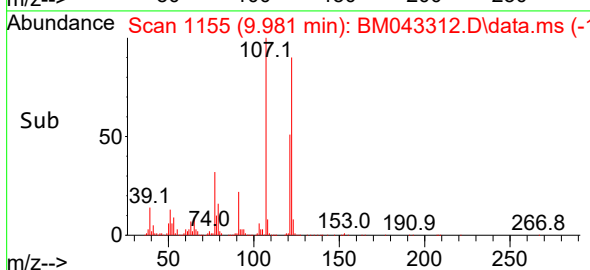
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/15/2023

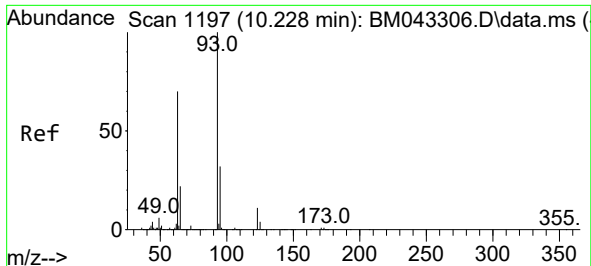


#26
2,4-Dimethylphenol
Concen: 13.396 ng/ul
RT: 9.981 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37



Tgt Ion:107 Resp: 380695
Ion Ratio Lower Upper
107 100
121 50.7 42.2 63.2
122 90.2 72.0 108.0





#27

Bis(2-Chloroethoxy)methane

Concen: 21.863 ng/ul

RT: 10.228 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BM043312.D

Acq: 13 Dec 2023 21:37

Instrument :

BNA_M

ClientSampleId :

DCLH7MSD

Tgt Ion: 93 Resp: 90316

Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.2

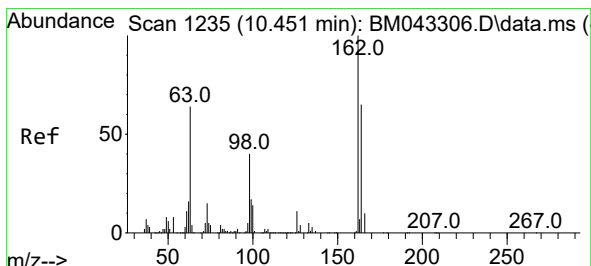
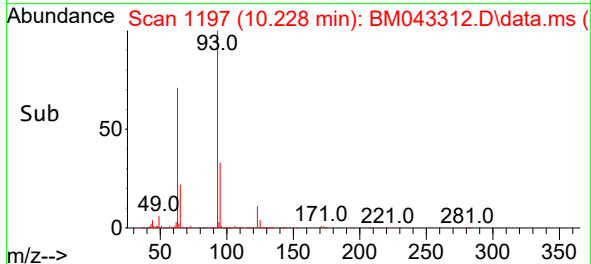
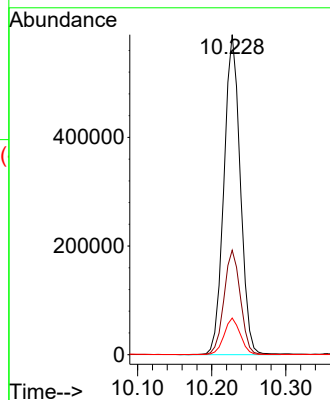
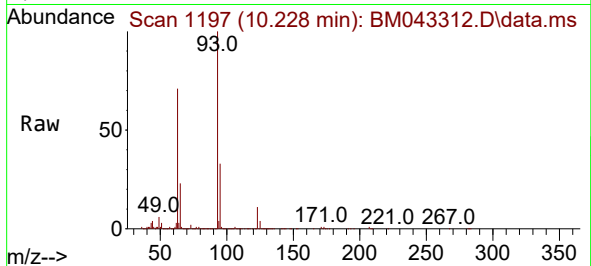
123 11.5 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/15/2023



#29

2,4-Dichlorophenol

Concen: 20.634 ng/ul

RT: 10.451 min Scan# 1235

Delta R.T. -0.000 min

Lab File: BM043312.D

Acq: 13 Dec 2023 21:37

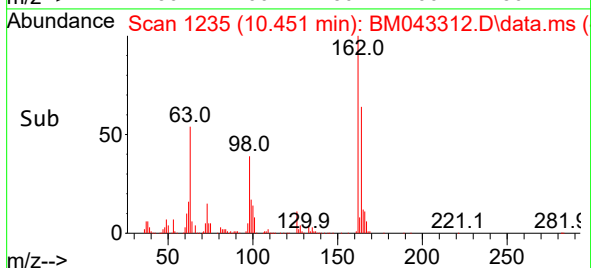
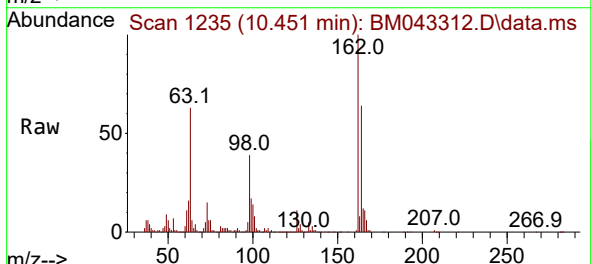
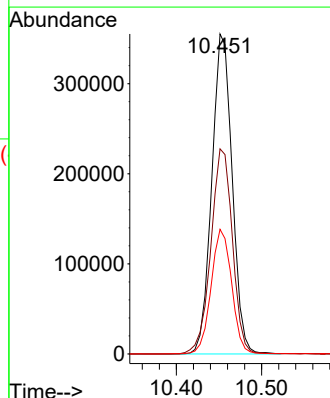
Tgt Ion:162 Resp: 590327

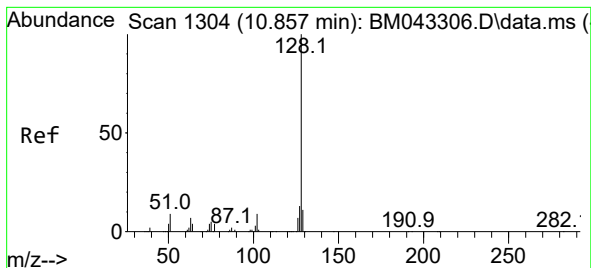
Ion Ratio Lower Upper

162 100

164 64.1 51.4 77.0

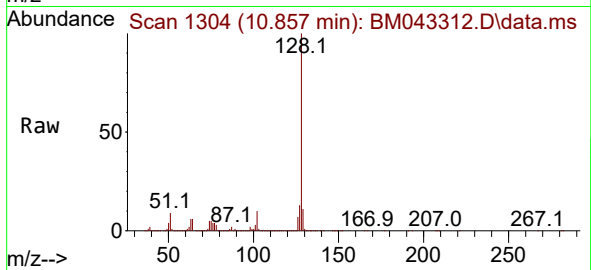
98 38.9 26.9 40.3





#30
Naphthalene
Concen: 22.946 ng/ul
RT: 10.857 min Scan# 1304
Delta R.T. -0.000 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

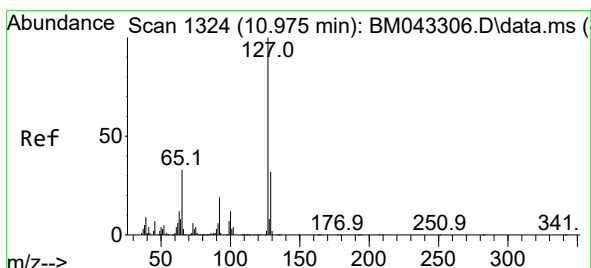
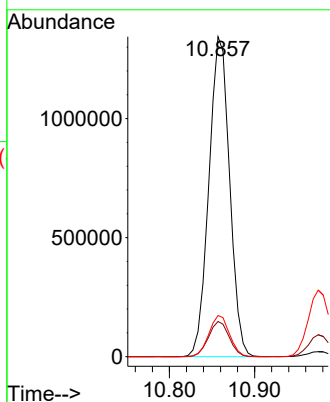
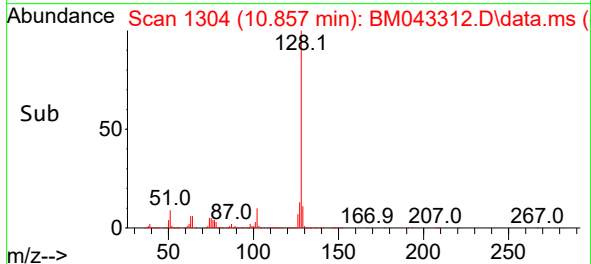
Instrument :
BNA_M
ClientSampleId :
DCLH7MSD



Tgt Ion:128 Resp: 2266169
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 12.8 10.4 15.6

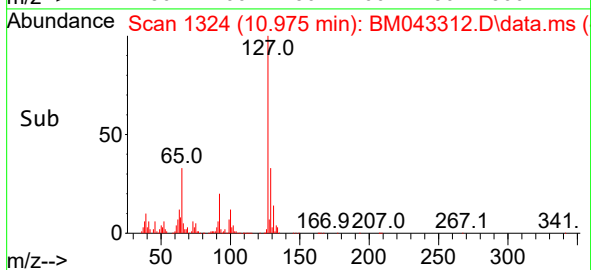
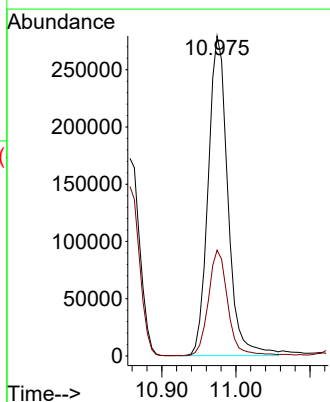
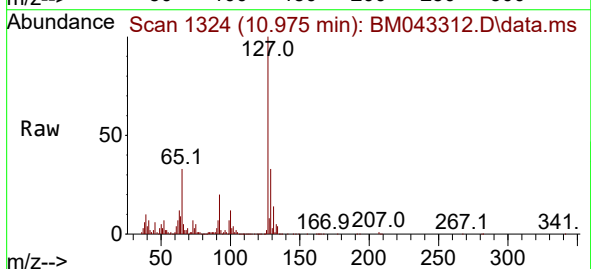
Manual Integrations
APPROVED

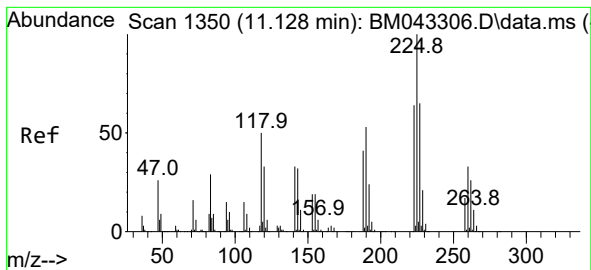
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/15/2023



#32
4-Chloroaniline
Concen: 12.864 ng/ul
RT: 10.975 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

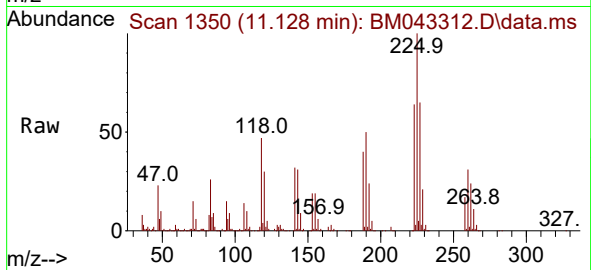
Tgt Ion:127 Resp: 514632
Ion Ratio Lower Upper
127 100
129 33.0 26.0 39.0





#33
Hexachlorobutadiene
Concen: 17.054 ng/ul
RT: 11.128 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

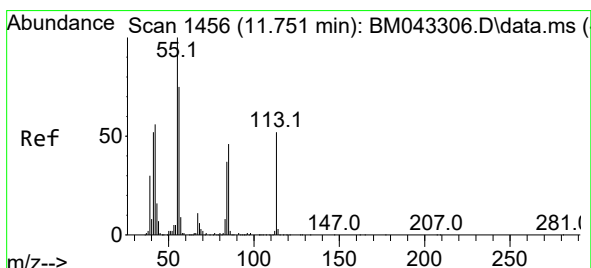
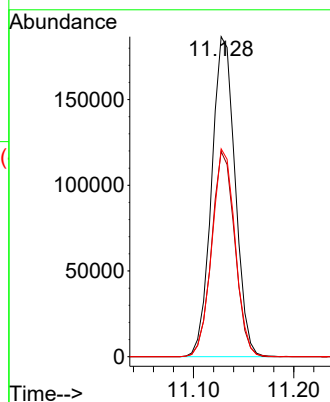
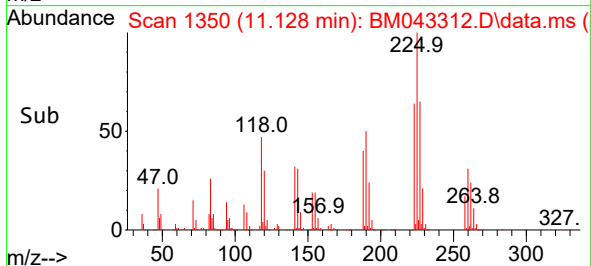
Instrument :
BNA_M
ClientSampleId :
DCLH7MSD



Tgt Ion:225 Resp: 304028
Ion Ratio Lower Upper
225 100
223 64.1 50.2 75.4
227 65.0 52.0 78.0

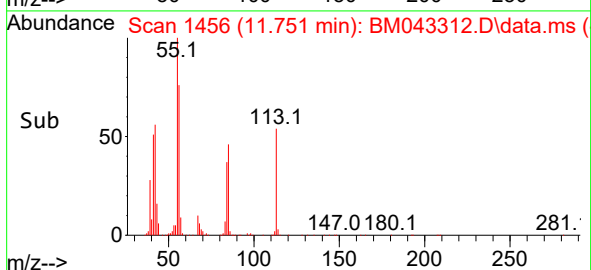
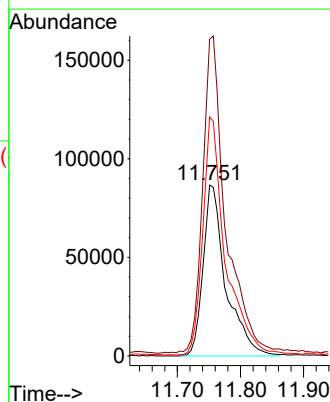
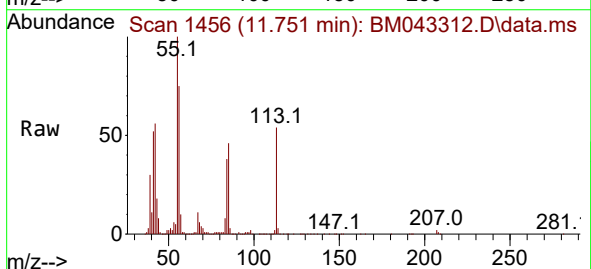
Manual Integrations
APPROVED

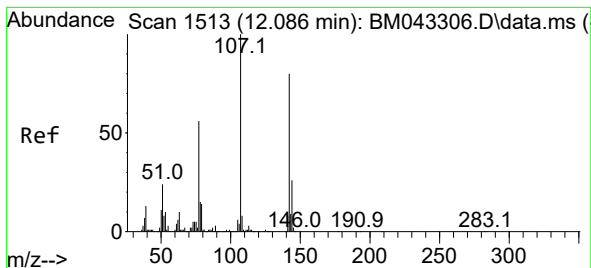
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/15/2023



#34
Caprolactam
Concen: 25.553 ng/ul
RT: 11.751 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

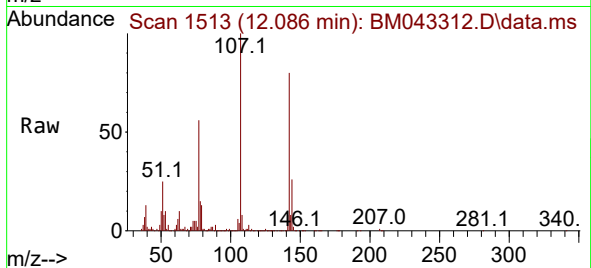
Tgt Ion:113 Resp: 217371
Ion Ratio Lower Upper
113 100
55 185.4 139.5 209.3
56 139.9 103.5 155.3





#35
4-Chloro-3-methylphenol
Concen: 22.608 ng/ul
RT: 12.086 min Scan# 1513
Delta R.T. -0.000 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

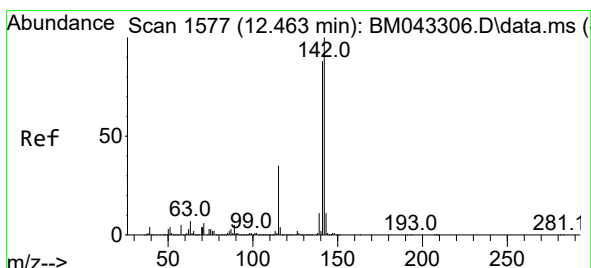
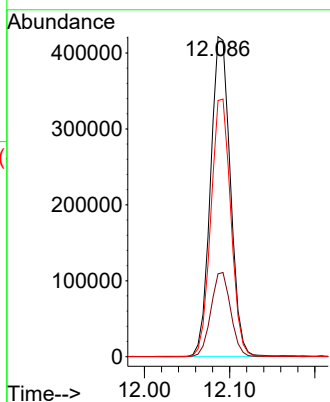
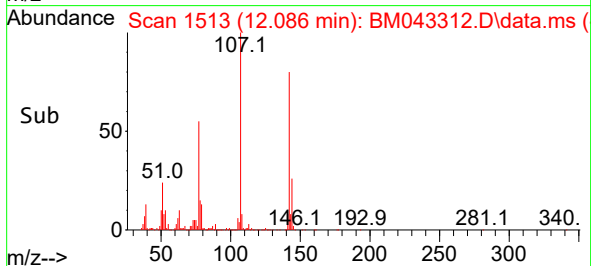
Instrument :
BNA_M
ClientSampleId :
DCLH7MSD



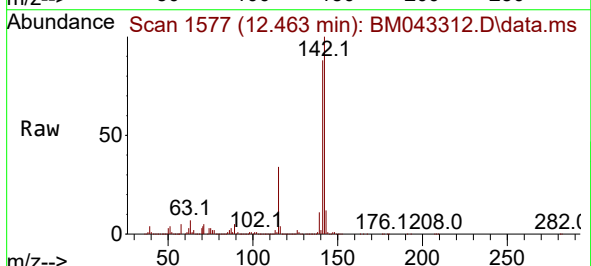
Tgt Ion:107 Resp: 67917
Ion Ratio Lower Upper
107 100
144 25.9 22.0 33.0
142 80.1 67.3 100.9

Manual Integrations
APPROVED

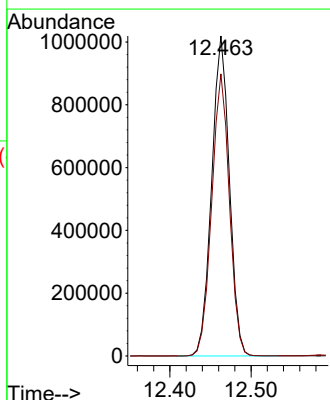
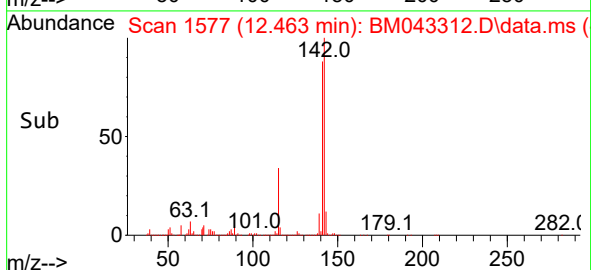
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/15/2023

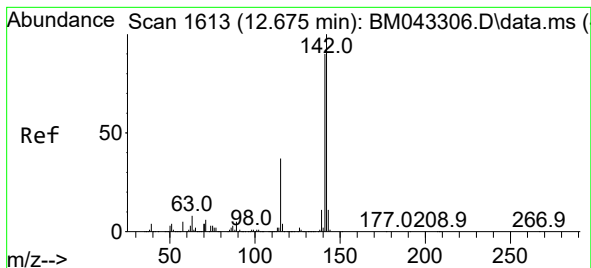


#36
2-Methylnaphthalene
Concen: 21.711 ng/ul
RT: 12.463 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37



Tgt Ion:142 Resp: 1542648
Ion Ratio Lower Upper
142 100
141 88.2 70.0 105.0





#37

1-Methylnaphthalene

Concen: 20.919 ng/ul

RT: 12.680 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM043312.D

Acq: 13 Dec 2023 21:37

Instrument :

BNA_M

ClientSampleId :

DCLH7MSD

Tgt Ion:142 Resp: 150871

Ion Ratio Lower Upper

142 100

141 89.9 71.9 107.9

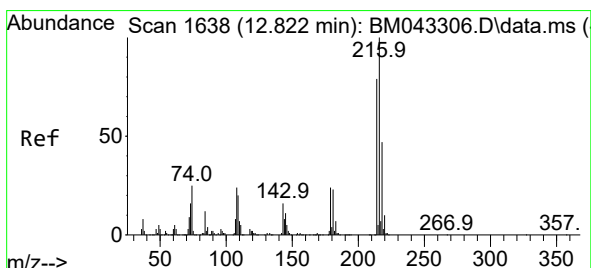
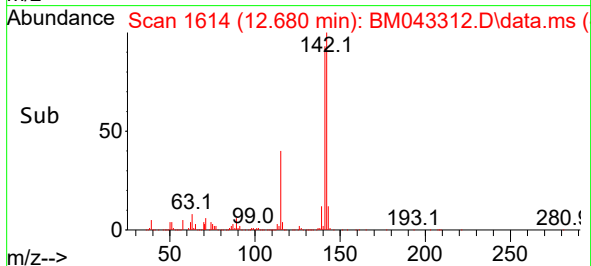
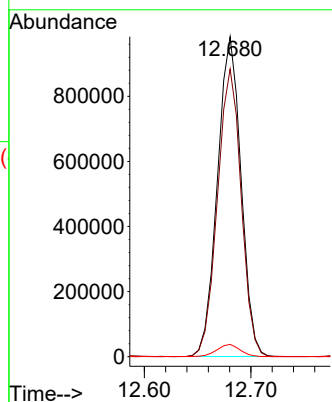
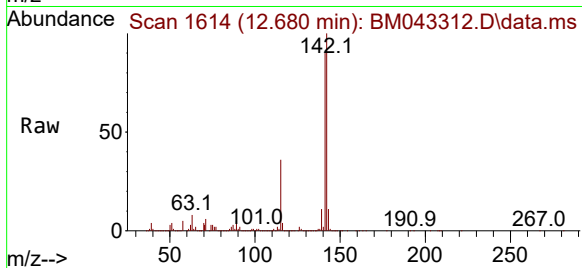
116 3.9 2.8 4.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/15/2023



#39

1,2,4,5-Tetrachlorobenzene

Concen: 19.966 ng/ul

RT: 12.822 min Scan# 1638

Delta R.T. -0.000 min

Lab File: BM043312.D

Acq: 13 Dec 2023 21:37

Tgt Ion:216 Resp: 607962

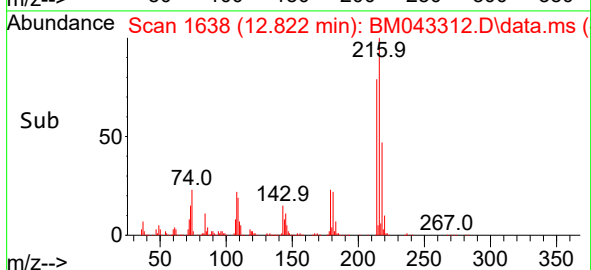
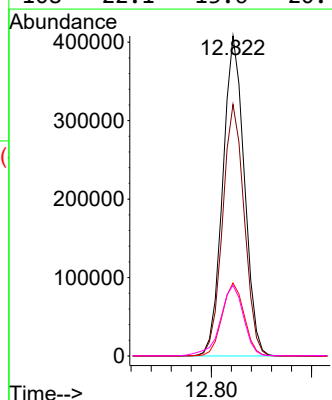
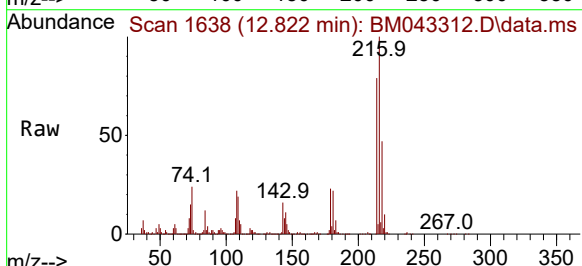
Ion Ratio Lower Upper

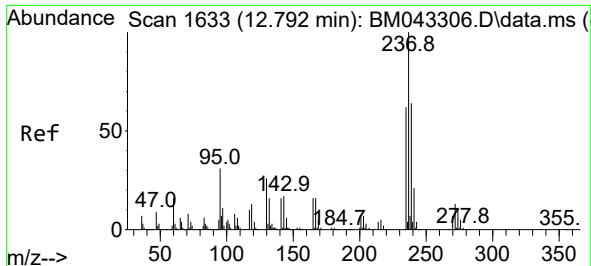
216 100

214 78.6 63.1 94.7

179 22.8 16.4 24.6

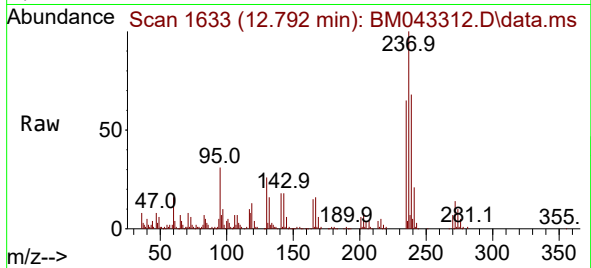
108 22.1 13.6 20.4





#40
Hexachlorocyclopentadiene
Concen: 8.738 ng/ul
RT: 12.792 min Scan# 1633
Delta R.T. -0.000 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

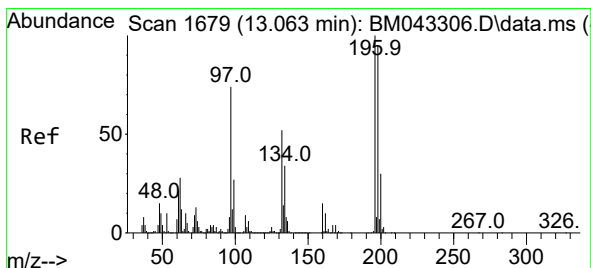
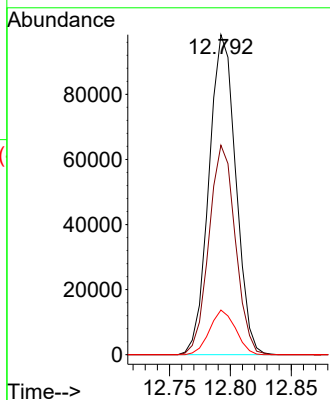
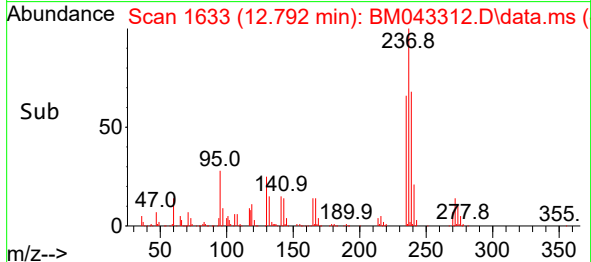
Instrument :
BNA_M
ClientSampleId :
DCLH7MSD



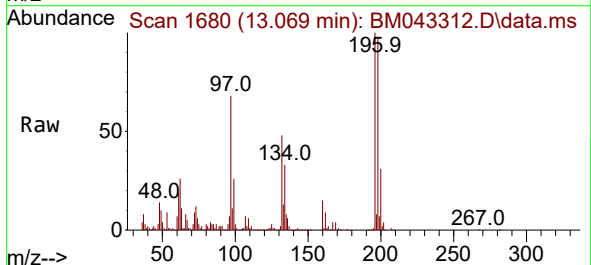
Tgt Ion:237 Resp: 150968
Ion Ratio Lower Upper
237 100
235 65.4 50.5 75.7
272 14.0 10.6 16.0

Manual Integrations
APPROVED

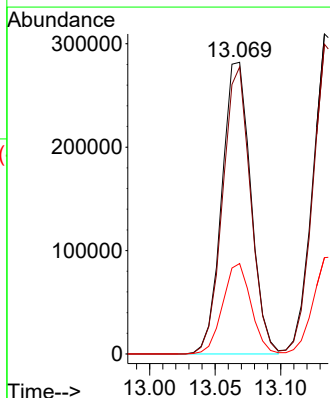
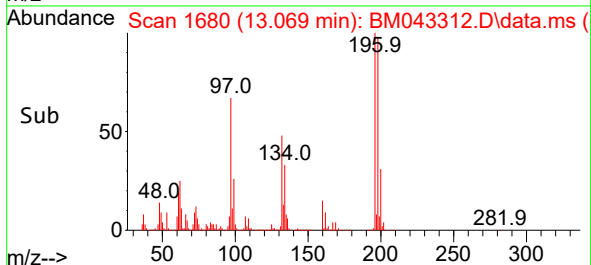
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/15/2023

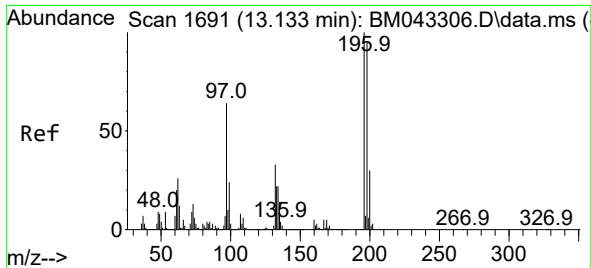


#41
2,4,6-Trichlorophenol
Concen: 22.913 ng/ul
RT: 13.069 min Scan# 1680
Delta R.T. 0.006 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37



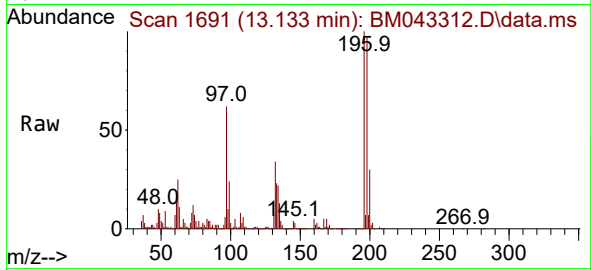
Tgt Ion:196 Resp: 434155
Ion Ratio Lower Upper
196 100
198 98.5 77.0 115.4
200 31.0 25.0 37.4





#42
2,4,5-Trichlorophenol
Concen: 23.139 ng/ul
RT: 13.133 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

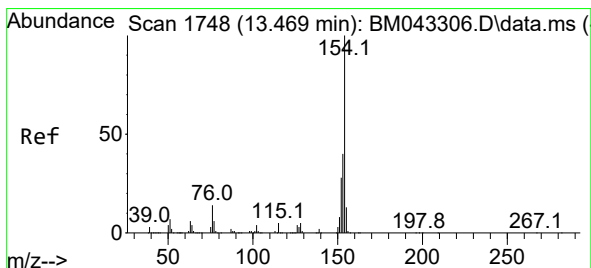
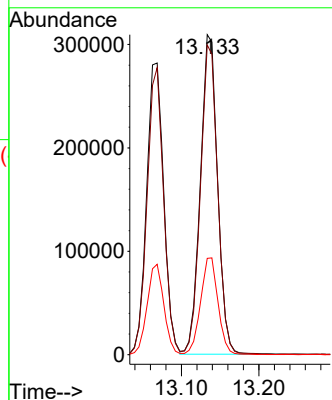
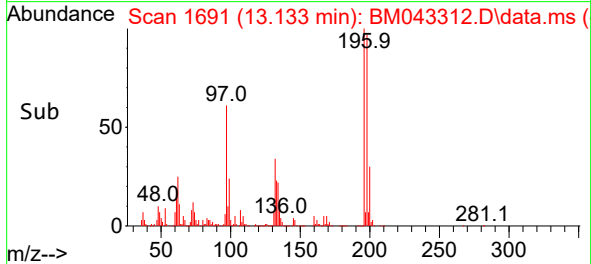
Instrument :
BNA_M
ClientSampleId :
DCLH7MSD



Tgt Ion:196 Resp: 477182
Ion Ratio Lower Upper
196 100
198 96.8 76.1 114.1
200 30.1 24.6 36.8

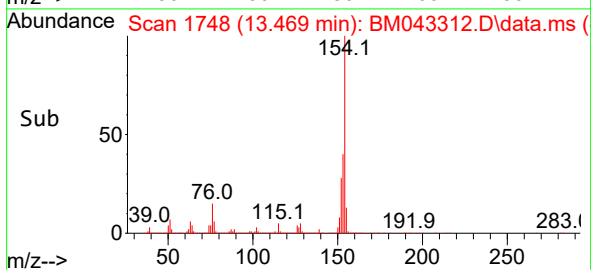
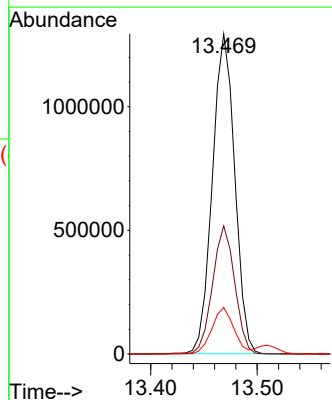
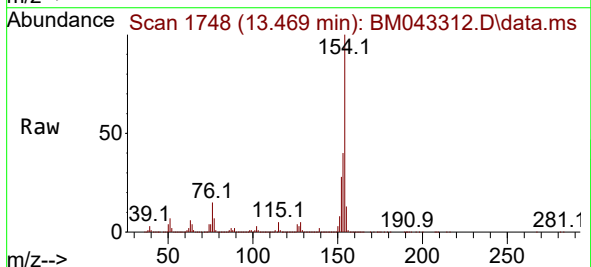
Manual Integrations
APPROVED

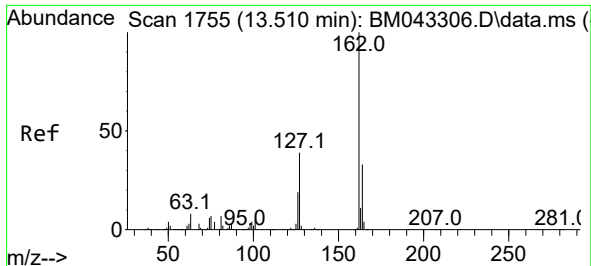
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/15/2023



#43
1,1'-Biphenyl
Concen: 23.663 ng/ul
RT: 13.469 min Scan# 1748
Delta R.T. -0.000 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

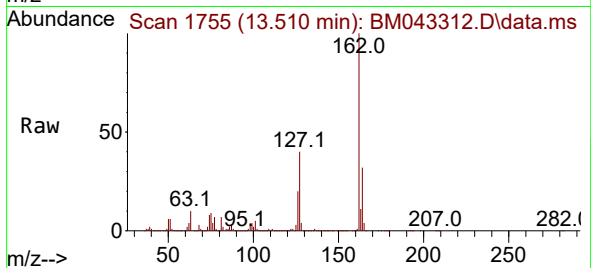
Tgt Ion:154 Resp: 1884006
Ion Ratio Lower Upper
154 100
153 40.0 31.8 47.6
76 14.6 9.3 13.9#





#44
2-Chloronaphthalene
Concen: 23.326 ng/ul
RT: 13.510 min Scan# 1755
Delta R.T. -0.000 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

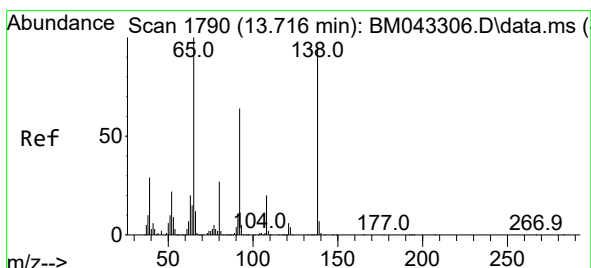
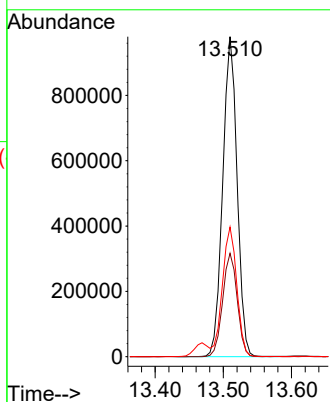
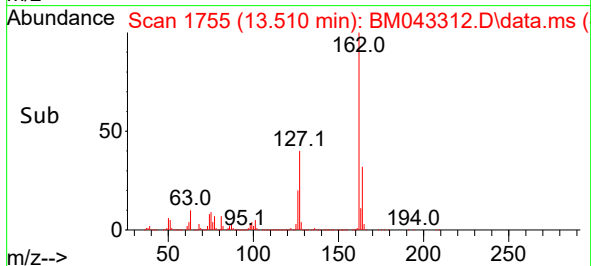
Instrument :
BNA_M
ClientSampleId :
DCLH7MSD



Tgt Ion:162 Resp: 1439570
Ion Ratio Lower Upper
162 100
164 32.3 26.4 39.6
127 40.5 30.0 45.0

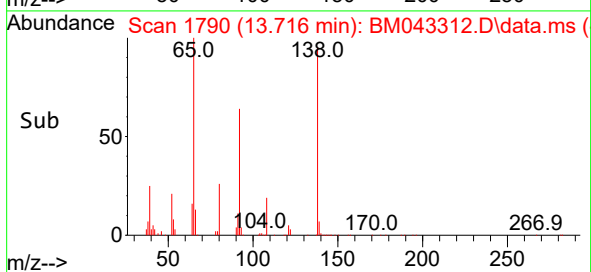
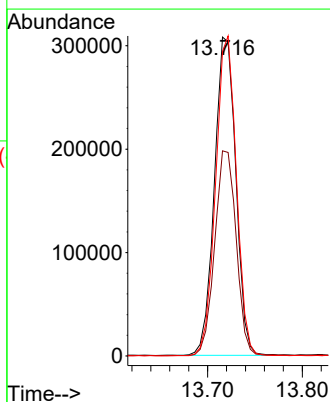
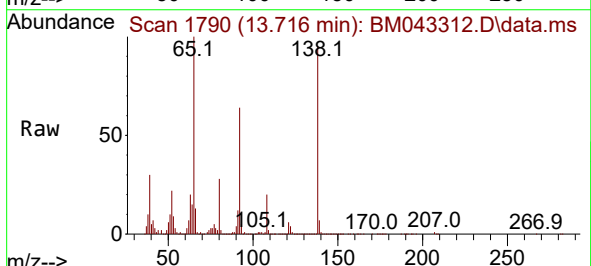
Manual Integrations
APPROVED

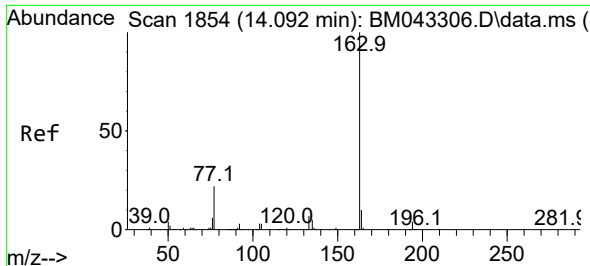
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/15/2023



#45
2-Nitroaniline
Concen: 29.601 ng/ul
RT: 13.716 min Scan# 1790
Delta R.T. -0.000 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

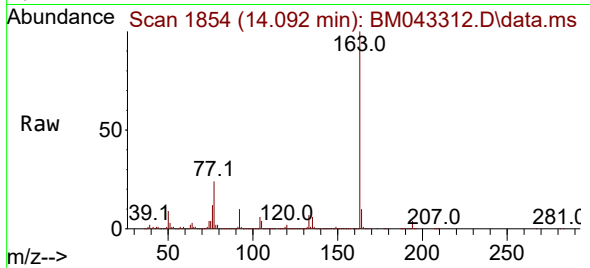
Tgt Ion: 65 Resp: 482753
Ion Ratio Lower Upper
65 100
92 64.3 53.4 80.0
138 95.4 86.2 129.2





#47
Dimethylphthalate
Concen: 22.079 ng/ul
RT: 14.092 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

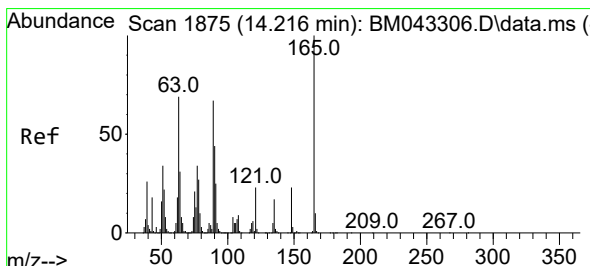
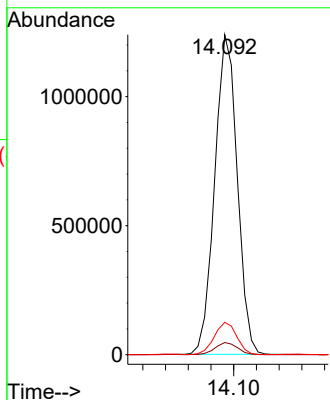
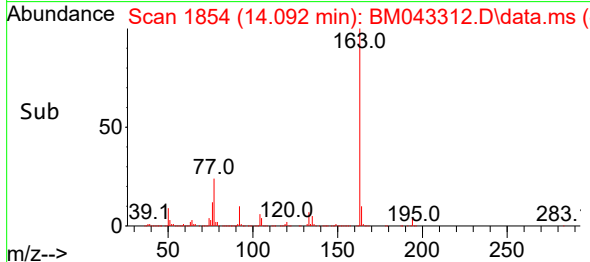
Instrument :
BNA_M
ClientSampleId :
DCLH7MSD



Tgt Ion:163 Resp: 1708460
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.1 7.9 11.9

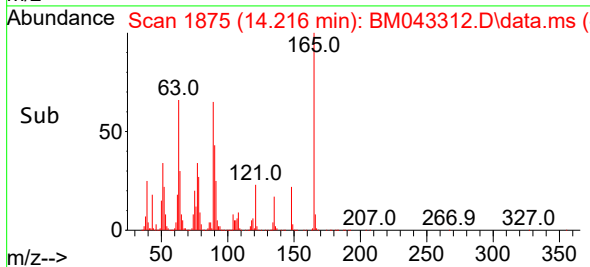
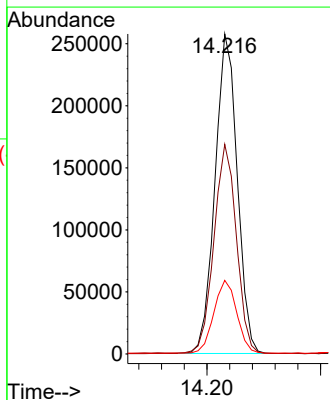
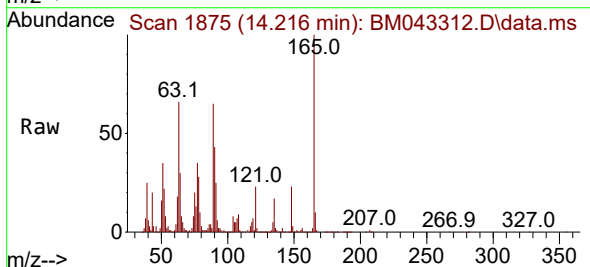
Manual Integrations
APPROVED

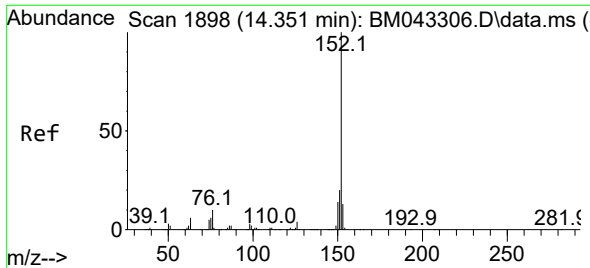
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/15/2023



#48
2,6-Dinitrotoluene
Concen: 24.560 ng/ul
RT: 14.216 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

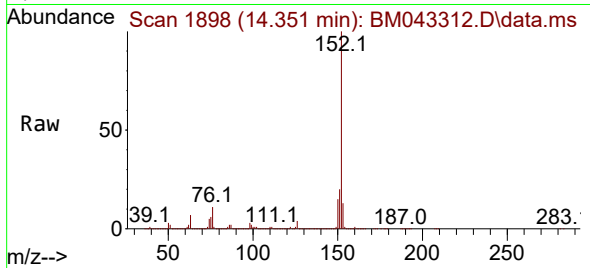
Tgt Ion:165 Resp: 350152
Ion Ratio Lower Upper
165 100
89 65.5 47.5 71.3
121 23.0 17.1 25.7





#50
Acenaphthylene
Concen: 23.858 ng/ul
RT: 14.351 min Scan# 1898
Delta R.T. -0.000 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

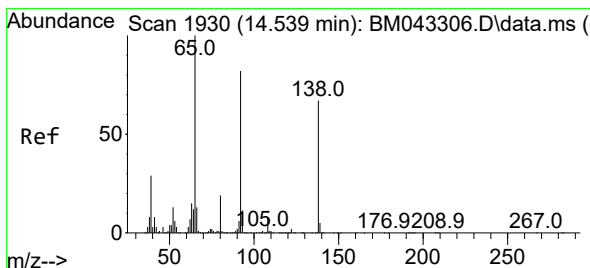
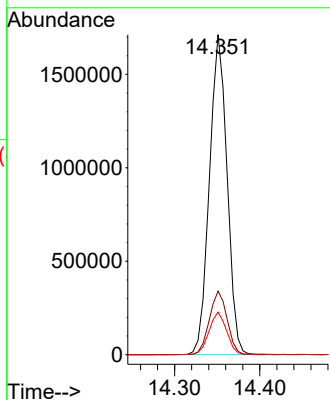
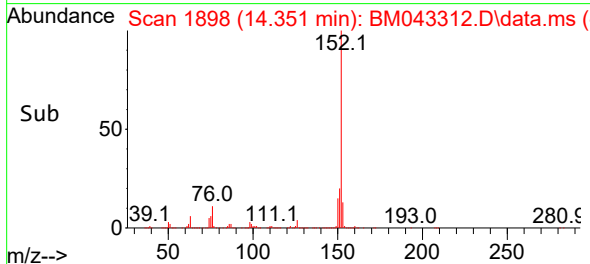
Instrument :
BNA_M
ClientSampleId :
DCLH7MSD



Tgt Ion:152 Resp: 2461180
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 13.3 10.3 15.5

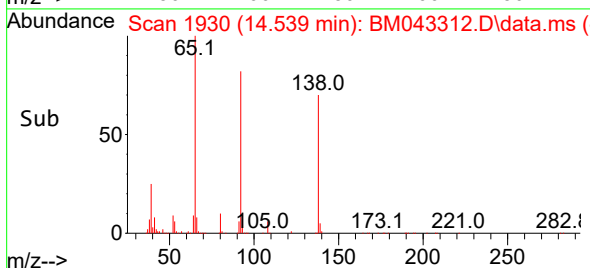
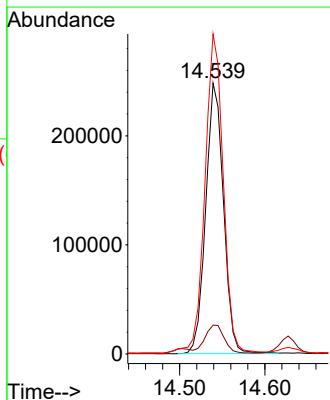
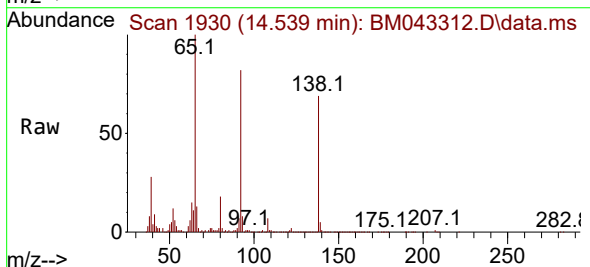
Manual Integrations
APPROVED

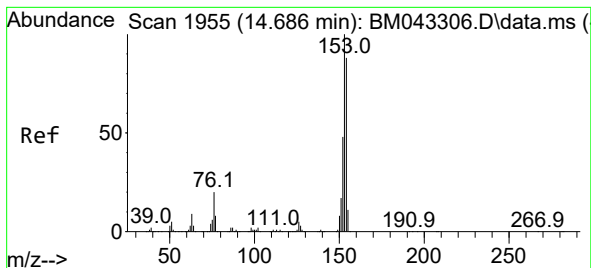
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/15/2023



#51
3-Nitroaniline
Concen: 22.783 ng/ul
RT: 14.539 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

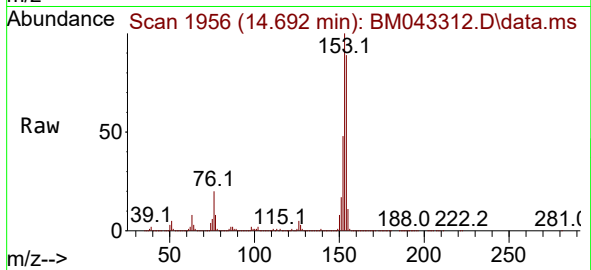
Tgt Ion:138 Resp: 360344
Ion Ratio Lower Upper
138 100
108 10.6 9.4 14.0
92 118.1 87.9 131.9





#52
Acenaphthene
Concen: 29.283 ng/ul
RT: 14.692 min Scan# 1956
Delta R.T. 0.006 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

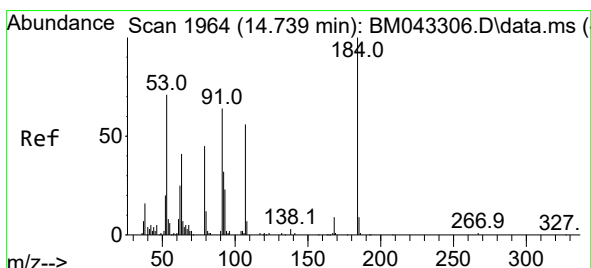
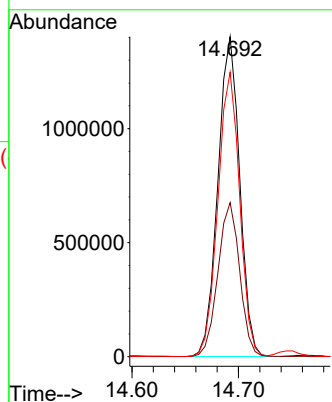
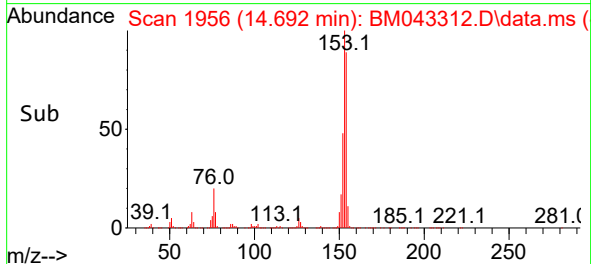
Instrument :
BNA_M
ClientSampleId :
DCLH7MSD



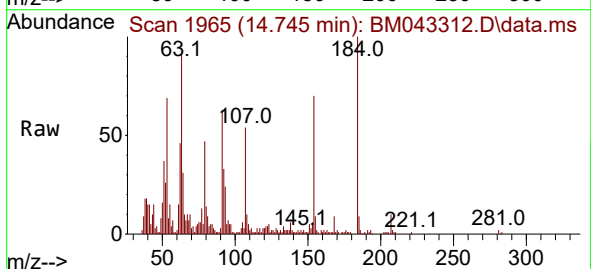
Tgt Ion:153 Resp: 1992610
Ion Ratio Lower Upper
153 100
152 48.2 38.6 58.0
154 88.9 71.6 107.4

Manual Integrations
APPROVED

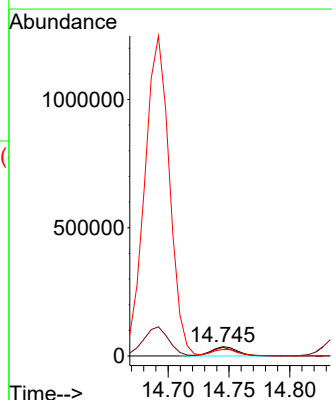
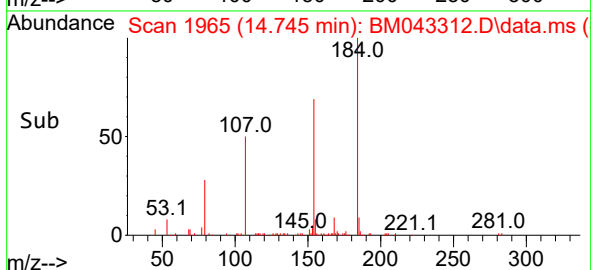
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/15/2023

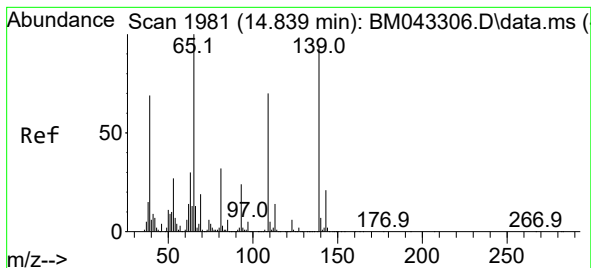


#53
2,4-Dinitrophenol
Concen: 8.127 ng/ul
RT: 14.745 min Scan# 1965
Delta R.T. 0.006 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37



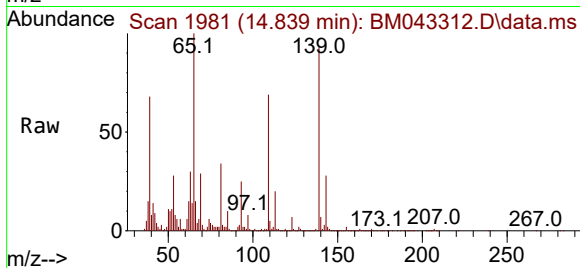
Tgt Ion:184 Resp: 53193
Ion Ratio Lower Upper
184 100
63 91.2 52.2 78.4#
154 69.6 47.8 71.8





#55
4-Nitrophenol
Concen: 26.460 ng/ul
RT: 14.839 min Scan# 1981
Delta R.T. -0.000 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

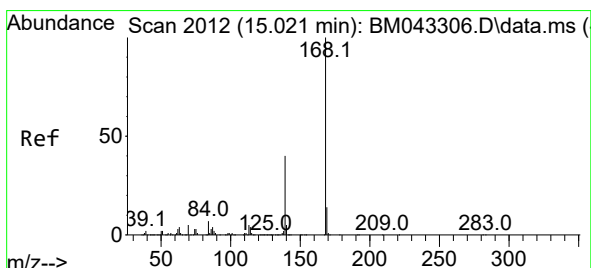
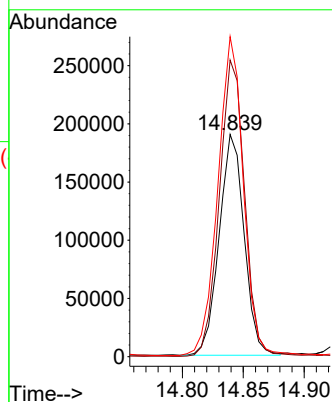
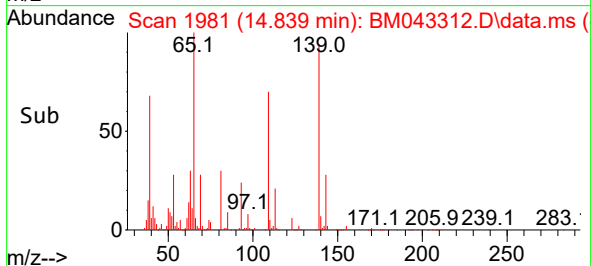
Instrument :
BNA_M
ClientSampleId :
DCLH7MSD



Tgt Ion:109 Resp: 270485
Ion Ratio Lower Upper
109 100
139 133.5 114.7 172.1
65 144.0 109.5 164.3

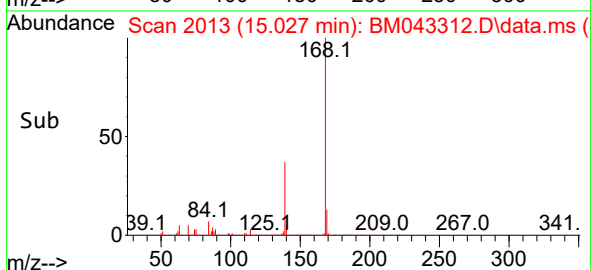
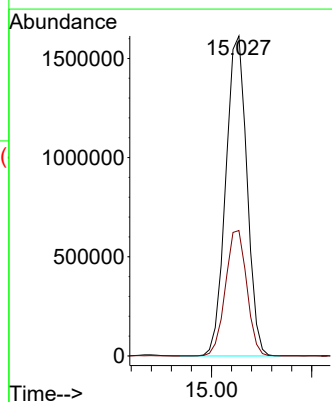
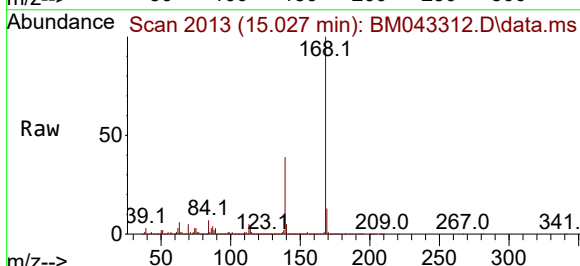
Manual Integrations
APPROVED

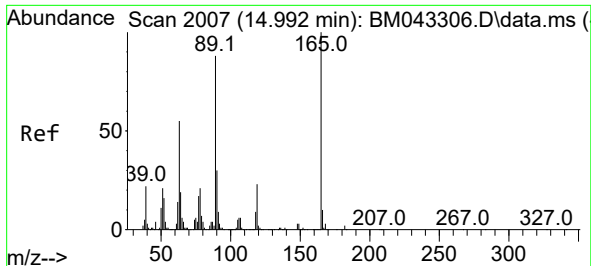
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/15/2023



#56
Dibenzofuran
Concen: 25.441 ng/ul
RT: 15.027 min Scan# 2013
Delta R.T. 0.006 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

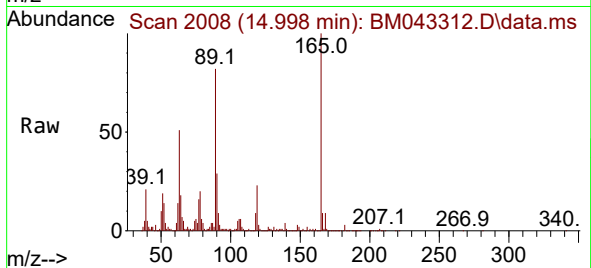
Tgt Ion:168 Resp: 2364737
Ion Ratio Lower Upper
168 100
139 39.2 28.6 43.0





#57
2,4-Dinitrotoluene
Concen: 25.052 ng/ul
RT: 14.998 min Scan# 2008
Delta R.T. 0.006 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

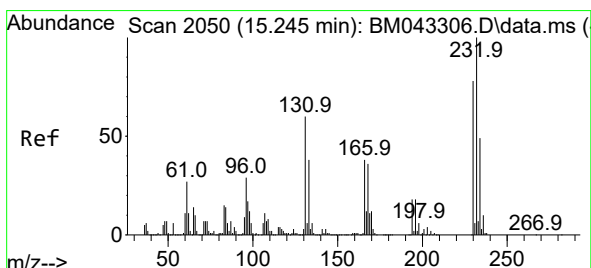
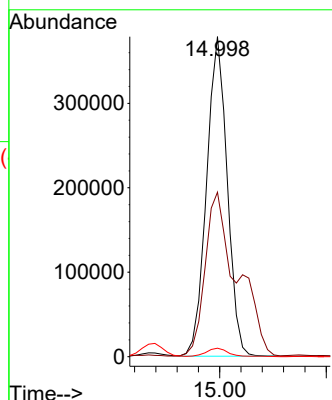
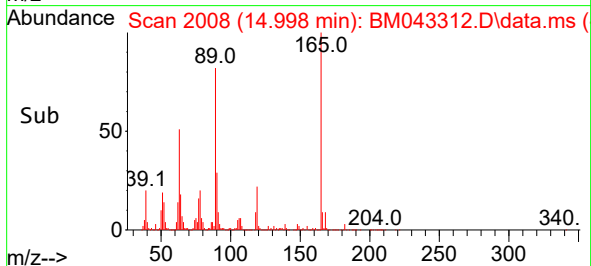
Instrument :
BNA_M
ClientSampleId :
DCLH7MSD



Tgt Ion:165 Resp: 509959
Ion Ratio Lower Upper
165 100
63 51.4 34.6 52.0
182 2.7 2.1 3.1

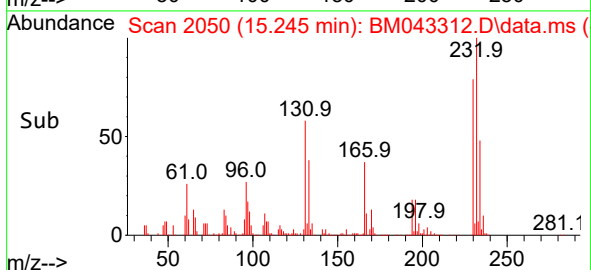
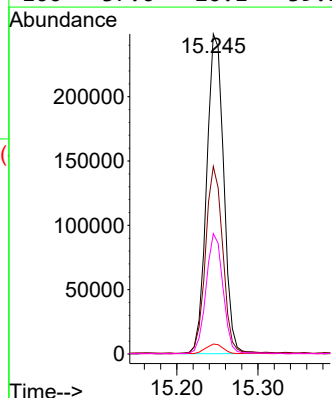
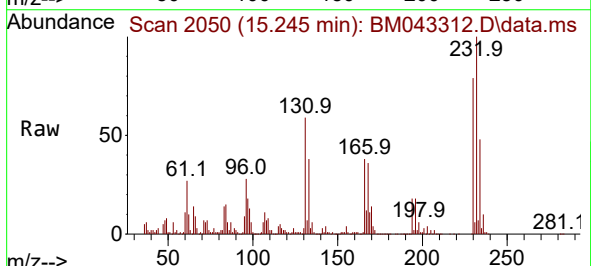
Manual Integrations
APPROVED

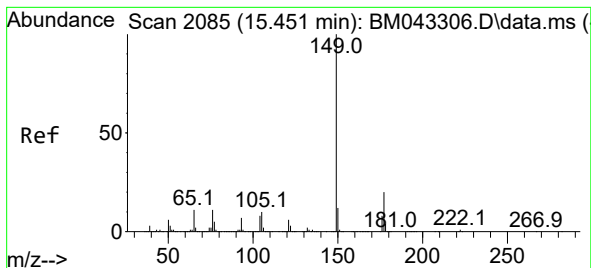
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/15/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 21.144 ng/ul
RT: 15.245 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

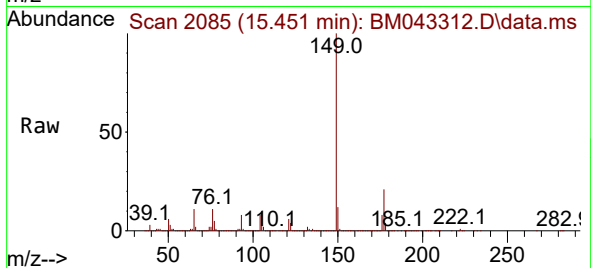
Tgt Ion:232 Resp: 362435
Ion Ratio Lower Upper
232 100
131 58.6 37.0 55.4#
130 3.1 1.9 2.9#
166 37.6 26.1 39.1





#59
Diethylphthalate
Concen: 24.330 ng/ul
RT: 15.451 min Scan# 2085
Delta R.T. -0.000 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

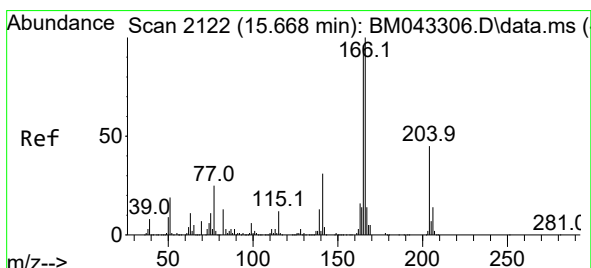
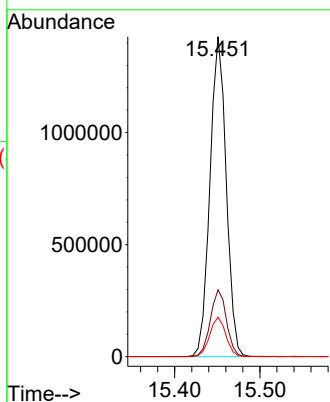
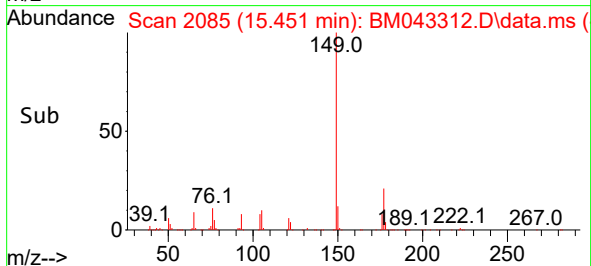
Instrument :
BNA_M
ClientSampleId :
DCLH7MSD



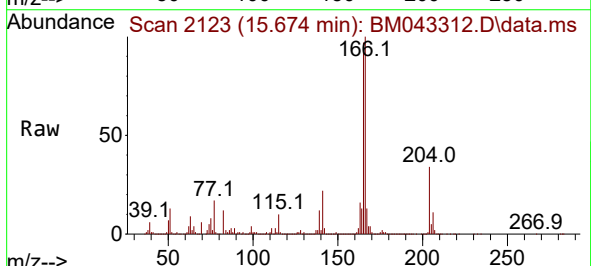
Tgt Ion:149 Resp: 189369
Ion Ratio Lower Upper
149 100
177 20.9 18.2 27.2
150 12.3 10.0 15.0

Manual Integrations
APPROVED

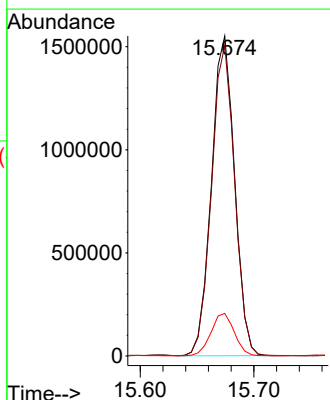
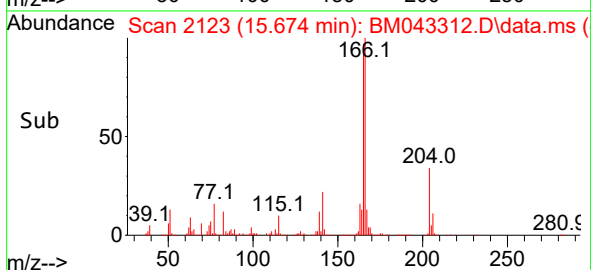
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/15/2023

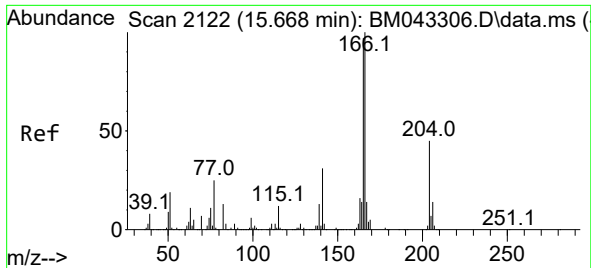


#61
Fluorene
Concen: 27.289 ng/ul
RT: 15.674 min Scan# 2123
Delta R.T. 0.006 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37



Tgt Ion:166 Resp: 2195724
Ion Ratio Lower Upper
166 100
165 97.0 77.5 116.3
167 13.3 10.7 16.1





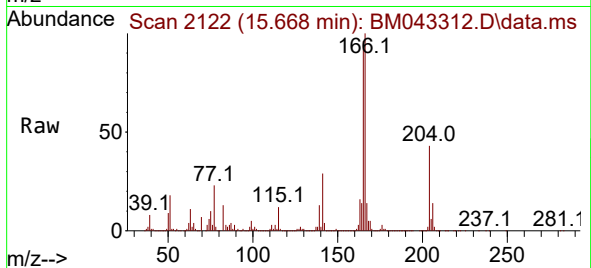
#62
4-Chlorophenyl-phenylether
Concen: 19.850 ng/ul
RT: 15.668 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

Instrument :

BNA_M

ClientSampleId :

DCLH7MSD

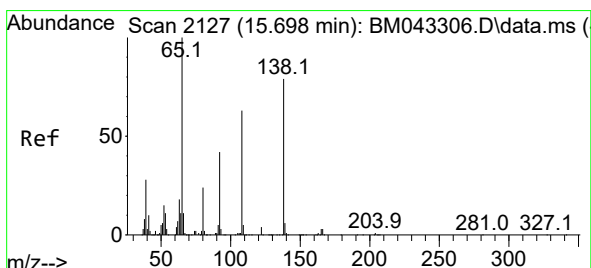
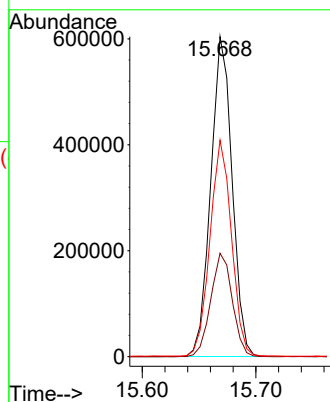
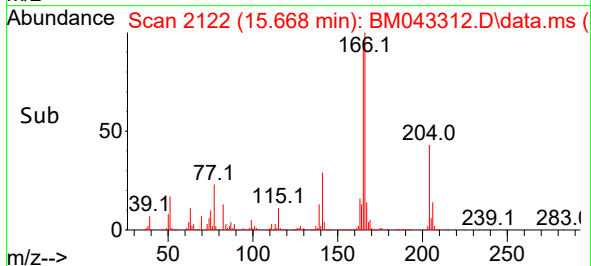


Tgt Ion:204 Resp: 78907
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 67.7 44.2 66.4

Manual Integrations

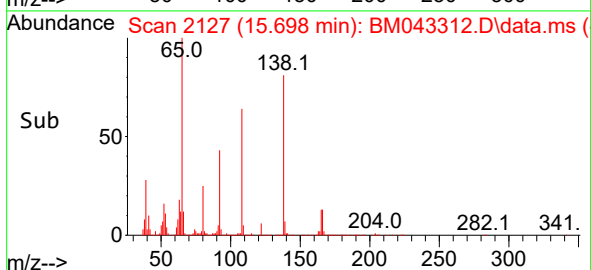
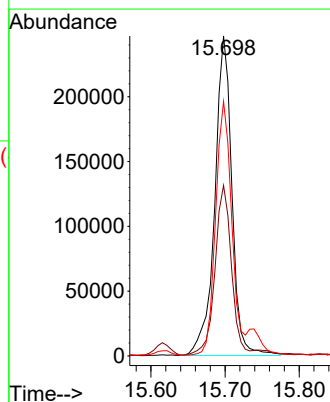
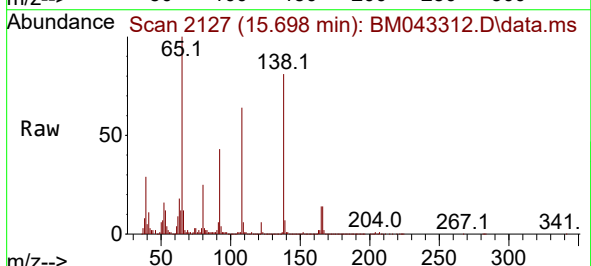
APPROVED

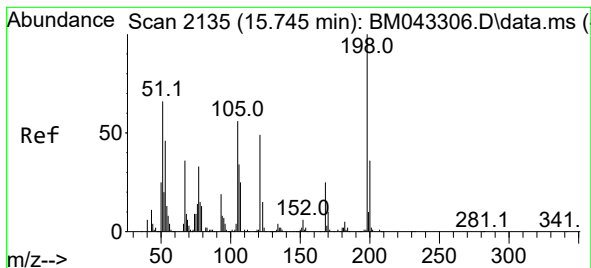
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/15/2023



#63
4-Nitroaniline
Concen: 24.935 ng/ul
RT: 15.698 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

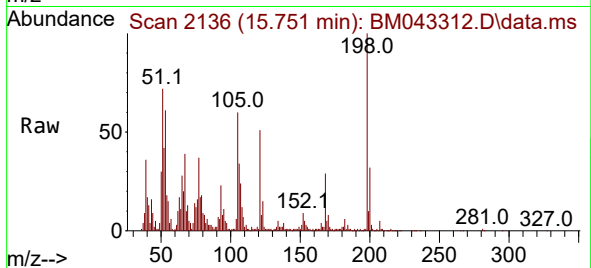
Tgt Ion:138 Resp: 396260
Ion Ratio Lower Upper
138 100
92 53.3 40.1 60.1
108 79.5 63.0 94.6





#66
4,6-Dinitro-2-methylphenol
Concen: 10.157 ng/ul
RT: 15.751 min Scan# 2135
Delta R.T. 0.006 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

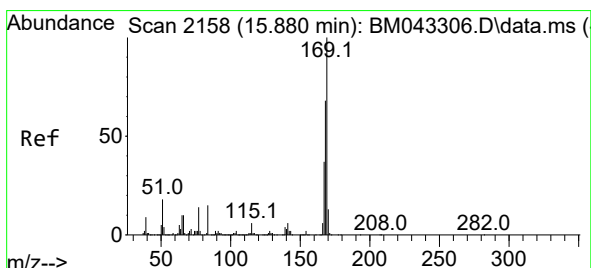
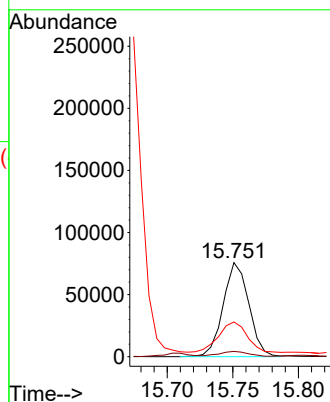
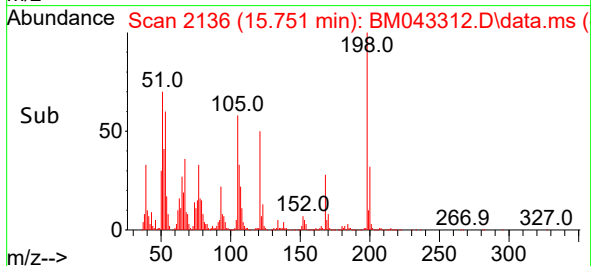
Instrument :
BNA_M
ClientSampleId :
DCLH7MSD



Tgt Ion:198 Resp: 102999
Ion Ratio Lower Upper
198 100
182 5.7 3.2 4.8
77 37.0 20.1 30.1

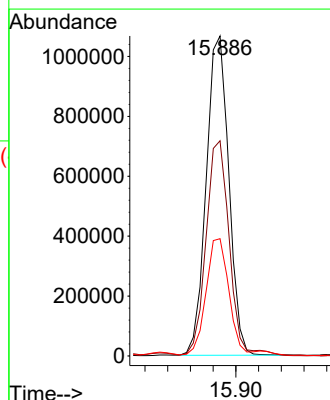
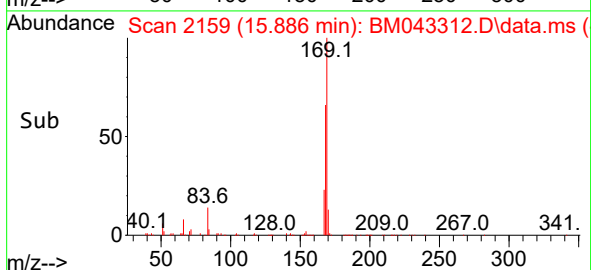
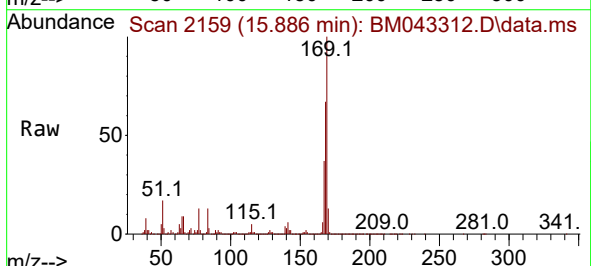
Manual Integrations
APPROVED

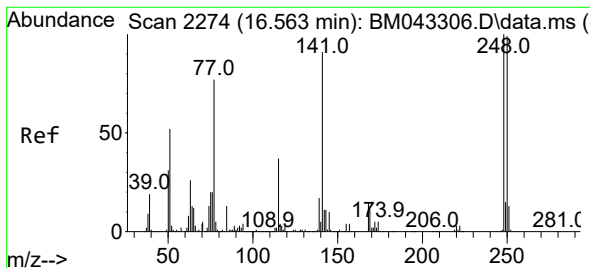
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/15/2023



#67
N-Nitrosodiphenylamine
Concen: 26.025 ng/ul
RT: 15.886 min Scan# 2159
Delta R.T. 0.006 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

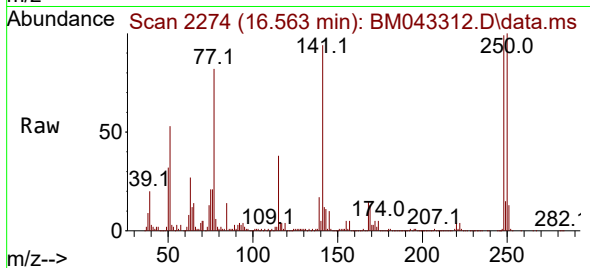
Tgt Ion:169 Resp: 1470579
Ion Ratio Lower Upper
169 100
168 67.3 53.4 80.2
167 36.6 29.4 44.0





#68
4-Bromophenyl-phenylether
Concen: 22.810 ng/ul
RT: 16.563 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

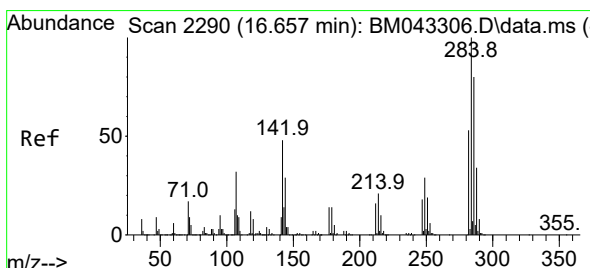
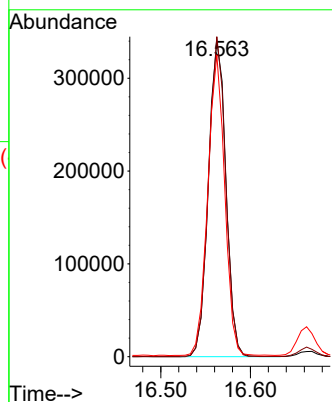
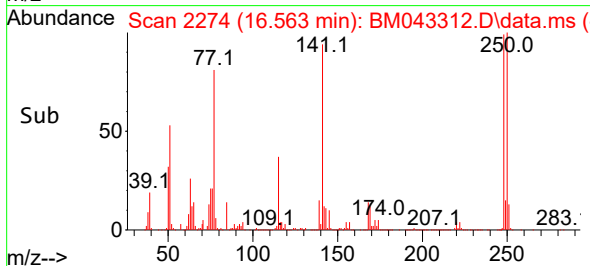
Instrument :
BNA_M
ClientSampleId :
DCLH7MSD



Tgt Ion:248 Resp: 46478
Ion Ratio Lower Upper
248 100
250 101.4 78.9 118.3
141 95.7 60.2 90.2

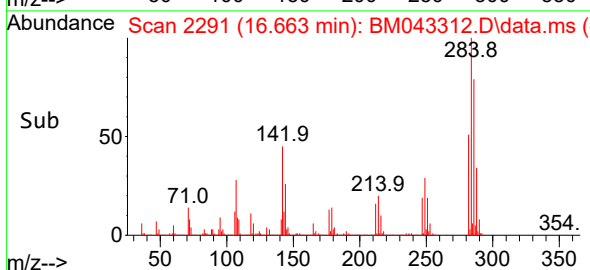
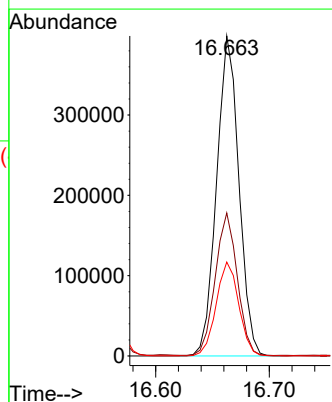
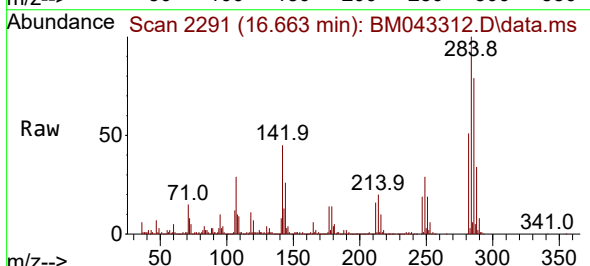
Manual Integrations
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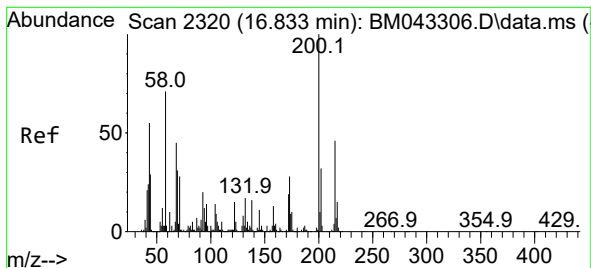
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/15/2023



#69
Hexachlorobenzene
Concen: 22.490 ng/ul
RT: 16.663 min Scan# 2291
Delta R.T. 0.006 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

Tgt Ion:284 Resp: 543753
Ion Ratio Lower Upper
284 100
142 44.7 26.7 40.1#
249 29.3 24.0 36.0





#70

Atrazine

Concen: 21.251 ng/ul

RT: 16.839 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM043312.D

Acq: 13 Dec 2023 21:37

Instrument :

BNA_M

ClientSampleId :

DCLH7MSD

Tgt Ion:200 Resp: 33863

Ion Ratio Lower Upper

200 100

173 28.1 20.6 30.8

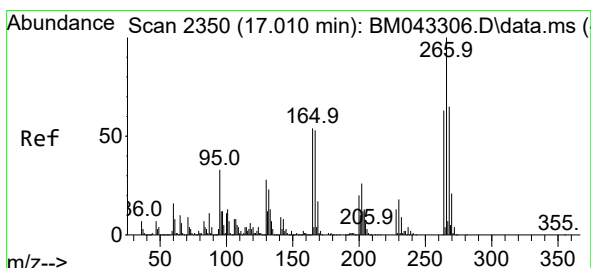
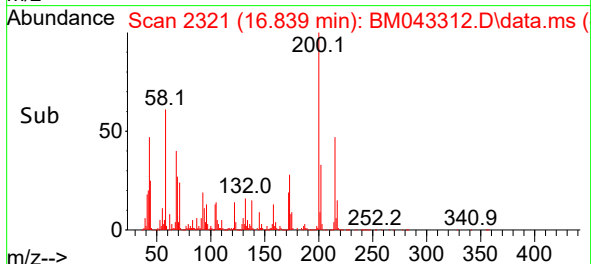
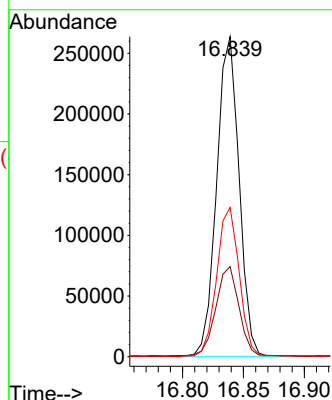
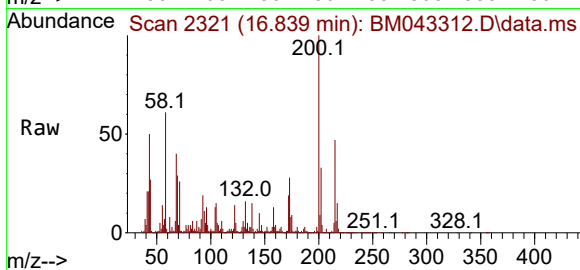
215 46.6 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/15/2023



#71

Pentachlorophenol

Concen: 20.519 ng/ul

RT: 17.010 min Scan# 2350

Delta R.T. -0.000 min

Lab File: BM043312.D

Acq: 13 Dec 2023 21:37

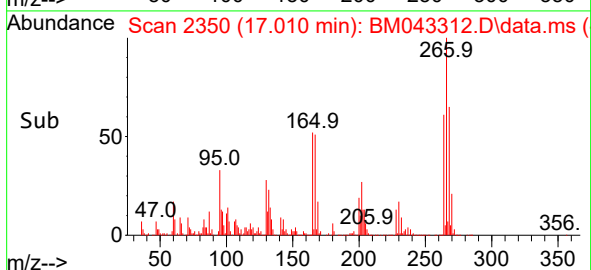
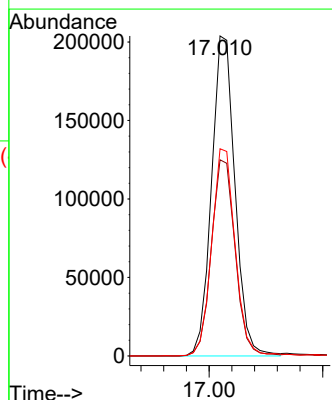
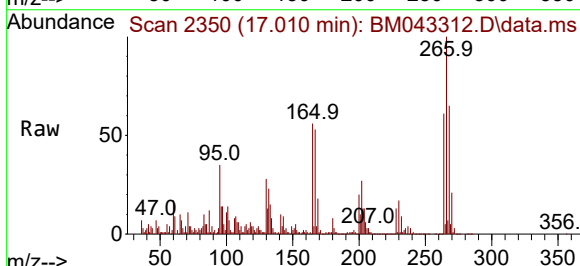
Tgt Ion:266 Resp: 292122

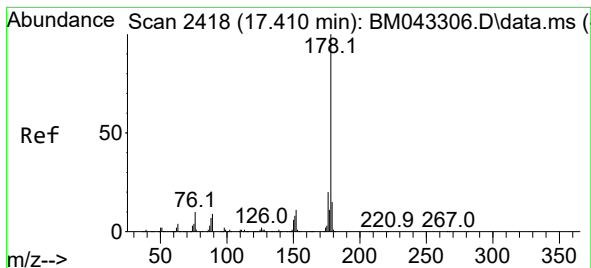
Ion Ratio Lower Upper

266 100

264 61.3 50.5 75.7

268 64.8 50.4 75.6





#72

Phenanthrene

Concen: 45.568 ng/ul

RT: 17.410 min Scan# 2418

Delta R.T. -0.000 min

Lab File: BM043312.D

Acq: 13 Dec 2023 21:37

Instrument :

BNA_M

ClientSampleId :

DCLH7MSD

Tgt Ion:178 Resp: 478808

Ion Ratio Lower Upper

178 100

179 15.9 12.2 18.2

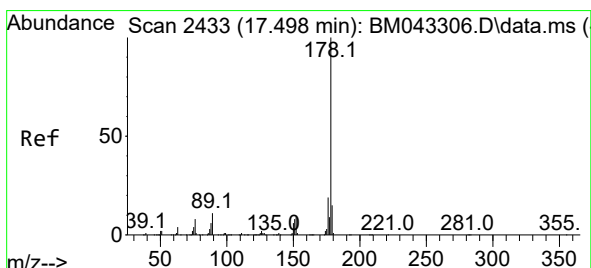
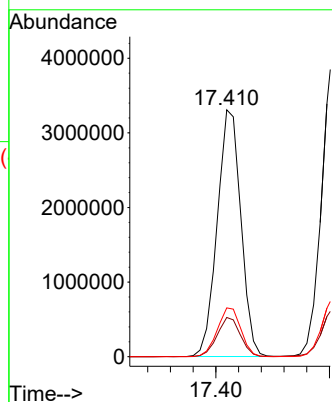
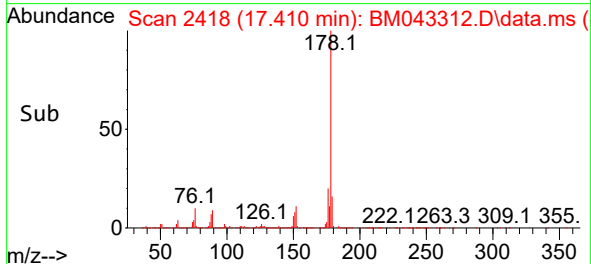
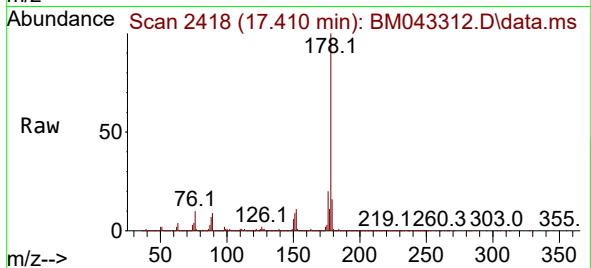
176 19.7 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/15/2023



#74

Anthracene

Concen: 55.019 ng/ul

RT: 17.504 min Scan# 2434

Delta R.T. 0.006 min

Lab File: BM043312.D

Acq: 13 Dec 2023 21:37

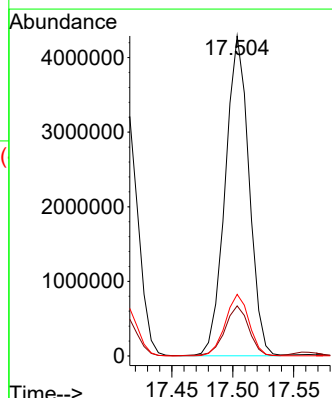
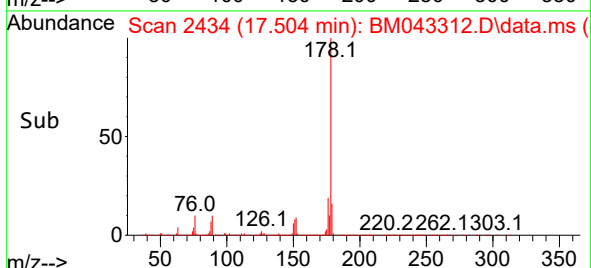
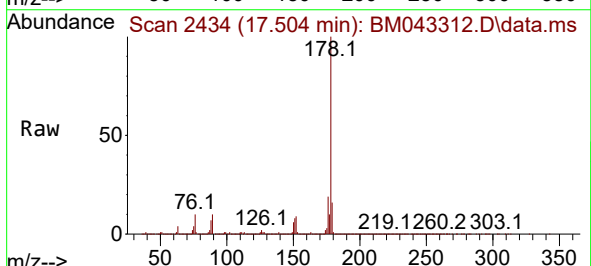
Tgt Ion:178 Resp: 5823528

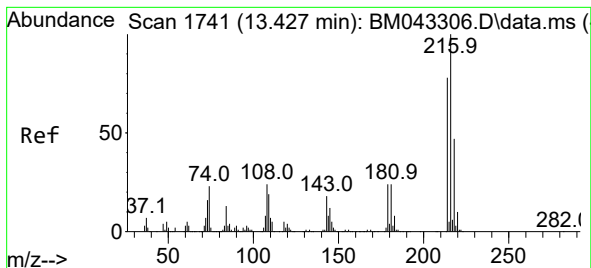
Ion Ratio Lower Upper

178 100

179 15.7 12.1 18.1

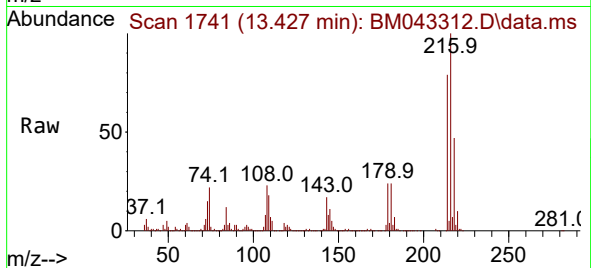
176 19.3 15.1 22.7





#75
1,2,3,4-Tetrachlorobenzene
Concen: 23.161 ng/uL
RT: 13.427 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

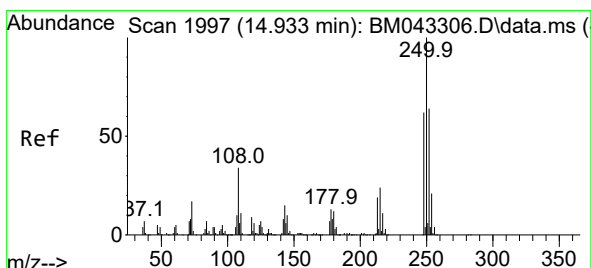
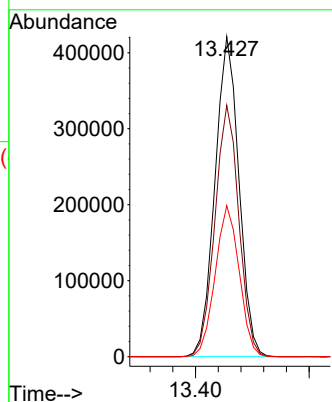
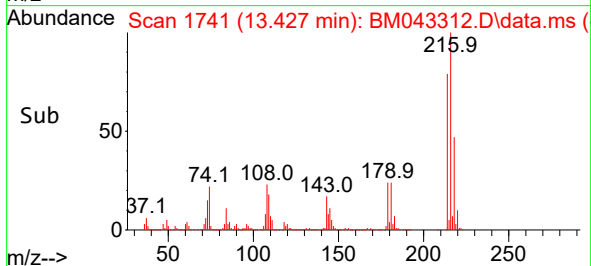
Instrument :
BNA_M
ClientSampleId :
DCLH7MSD



Tgt Ion:216 Resp: 617428
Ion Ratio Lower Upper
216 100
214 78.6 62.2 93.2
218 47.2 37.6 56.4

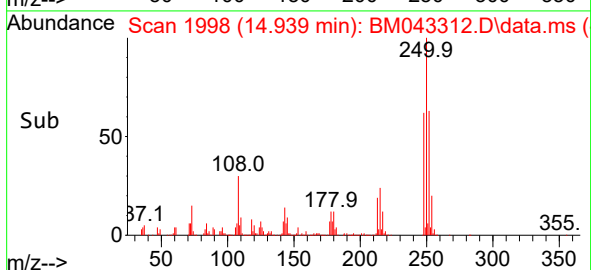
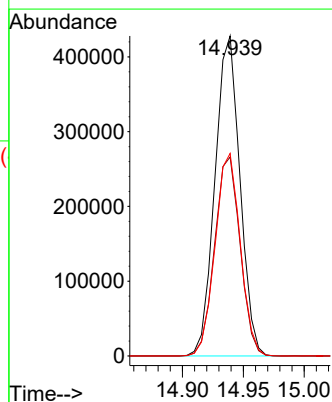
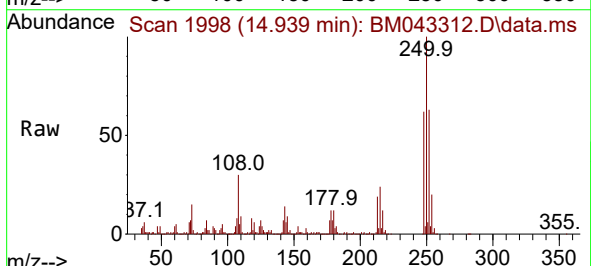
Manual Integrations
APPROVED

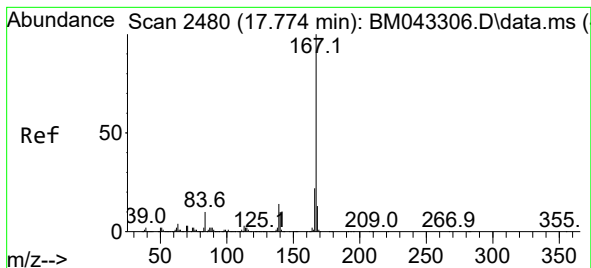
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/15/2023



#76
Pentachlorobenzene
Concen: 22.550 ng/uL
RT: 14.939 min Scan# 1998
Delta R.T. 0.006 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

Tgt Ion:250 Resp: 610900
Ion Ratio Lower Upper
250 100
248 62.2 51.8 77.8
252 63.3 51.9 77.9





#77

Carbazole

Concen: 31.602 ng/ul

RT: 17.774 min Scan# 2480

Delta R.T. -0.000 min

Lab File: BM043312.D

Acq: 13 Dec 2023 21:37

Instrument :

BNA_M

ClientSampleId :

DCLH7MSD

Tgt Ion:167 Resp: 274769

Ion Ratio Lower Upper

167 100

166 21.8 17.1 25.7

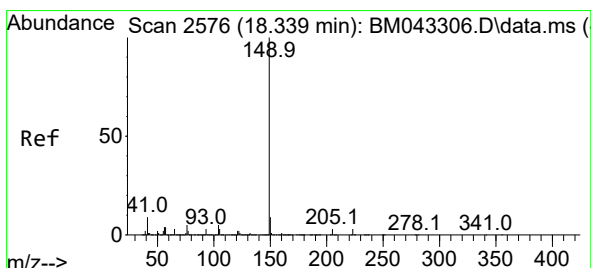
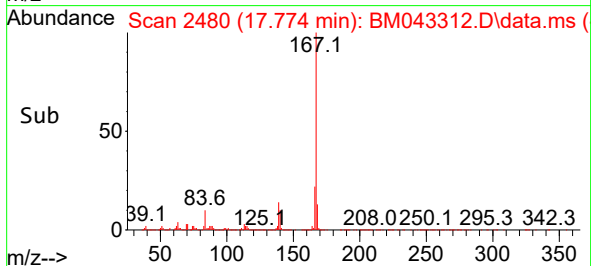
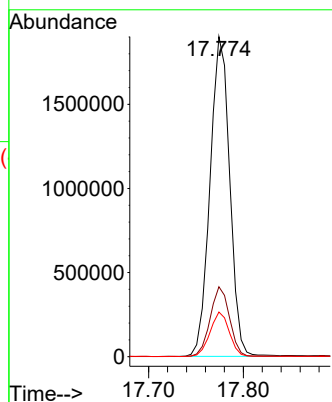
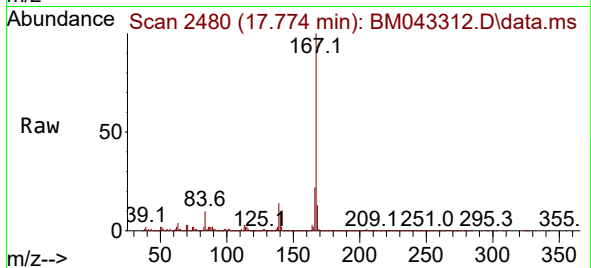
139 13.9 9.9 14.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/15/2023



#78

Di-n-butylphthalate

Concen: 31.182 ng/ul

RT: 18.345 min Scan# 2577

Delta R.T. 0.006 min

Lab File: BM043312.D

Acq: 13 Dec 2023 21:37

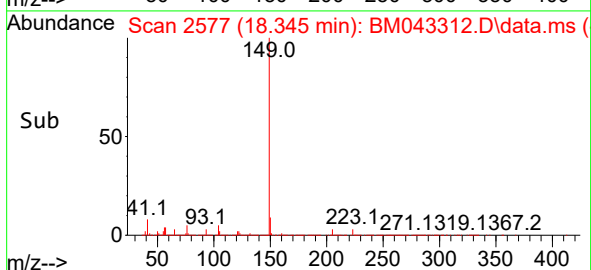
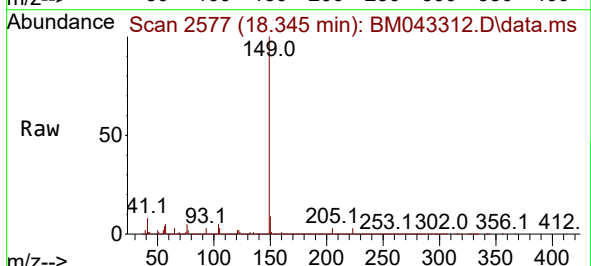
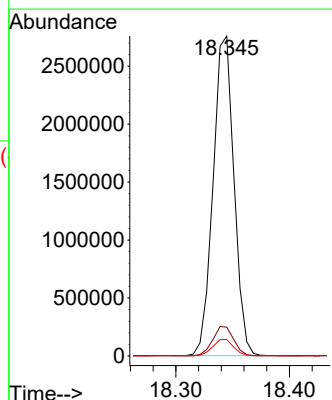
Tgt Ion:149 Resp: 3526429

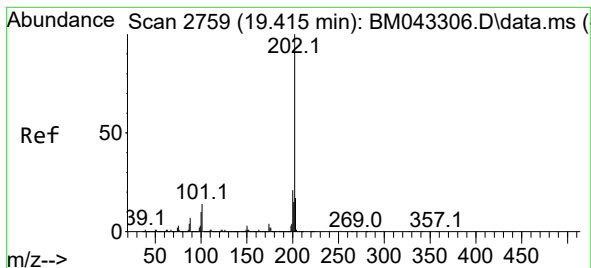
Ion Ratio Lower Upper

149 100

150 9.0 7.2 10.8

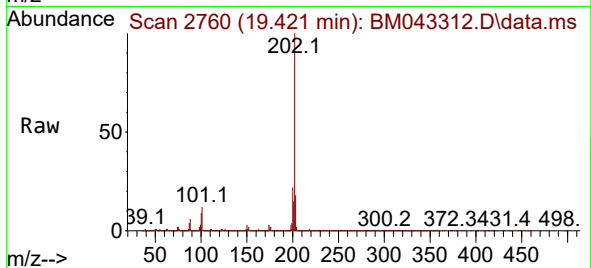
104 5.1 3.8 5.6





#80
Fluoranthene
Concen: 106.090 ng/u1
RT: 19.421 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

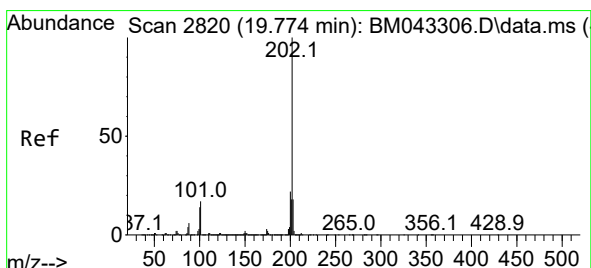
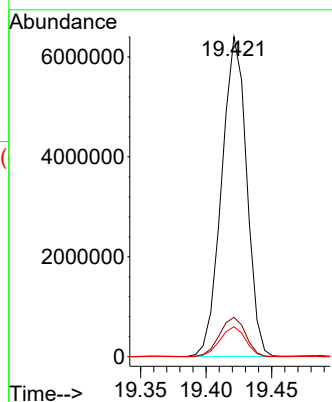
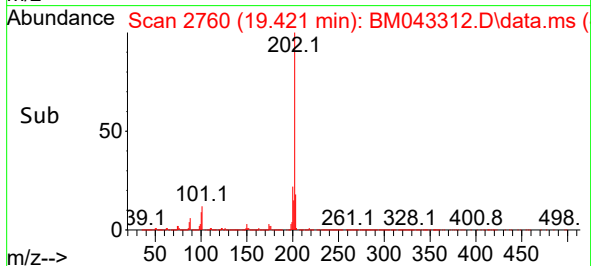
Instrument :
BNA_M
ClientSampleId :
DCLH7MSD



Tgt Ion:202 Resp: 8508030
Ion Ratio Lower Upper
202 100
101 12.3 8.2 12.2
100 9.3 6.1 9.1

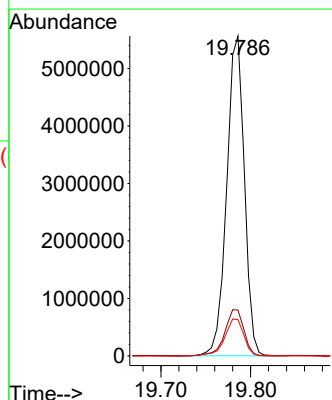
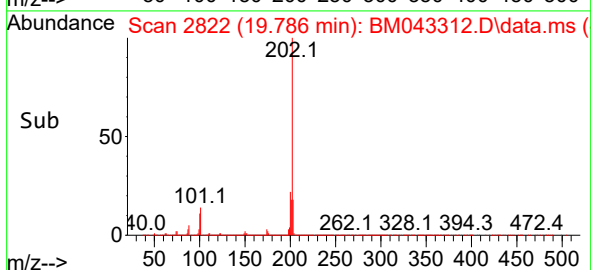
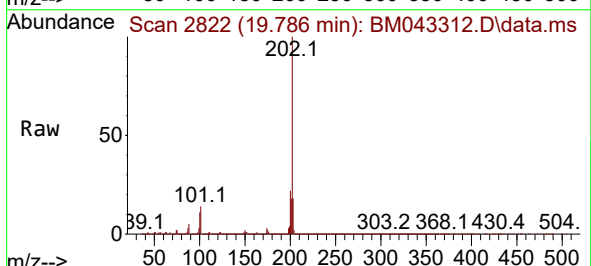
Manual Integrations
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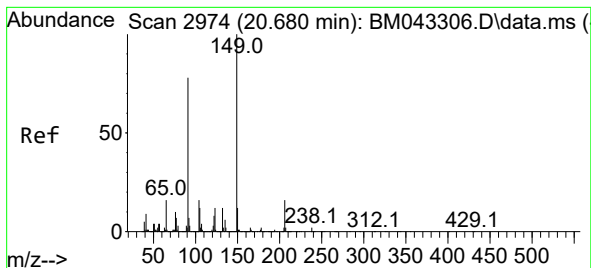
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/15/2023



#82
Pyrene
Concen: 91.066 ng/u1
RT: 19.786 min Scan# 2822
Delta R.T. 0.012 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

Tgt Ion:202 Resp: 7596935
Ion Ratio Lower Upper
202 100
101 14.4 10.2 15.2
100 11.4 8.2 12.2





#83

Butylbenzylphthalate

Concen: 42.535 ng/ul

RT: 20.686 min Scan# 2974

Delta R.T. 0.006 min

Lab File: BM043312.D

Acq: 13 Dec 2023 21:37

Instrument :

BNA_M

ClientSampleId :

DCLH7MSD

Tgt Ion:149 Resp: 1411484

Ion Ratio Lower Upper

149 100

91 76.8 56.9 85.3

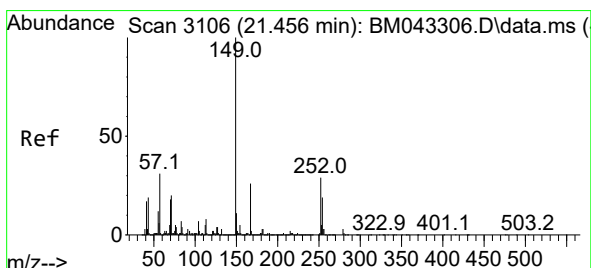
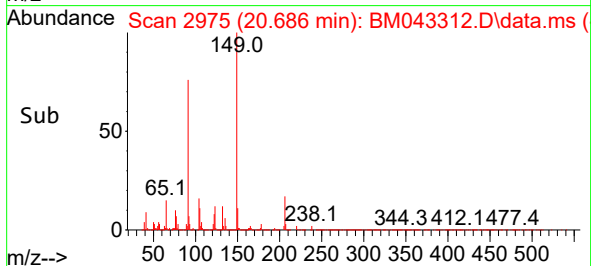
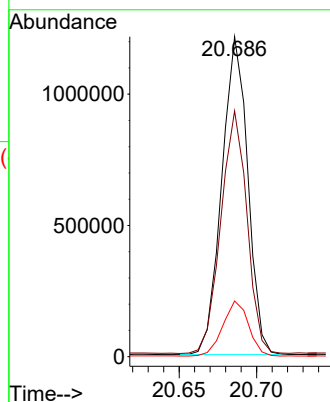
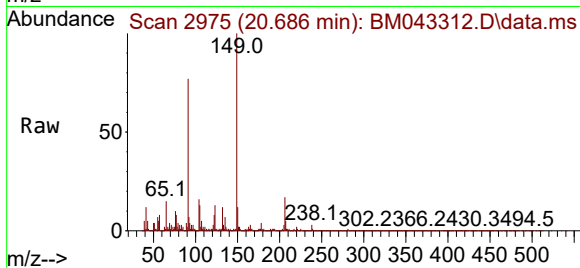
206 17.4 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/15/2023



#84

3,3'-Dichlorobenzidine

Concen: 14.565 ng/ul

RT: 21.462 min Scan# 3107

Delta R.T. 0.006 min

Lab File: BM043312.D

Acq: 13 Dec 2023 21:37

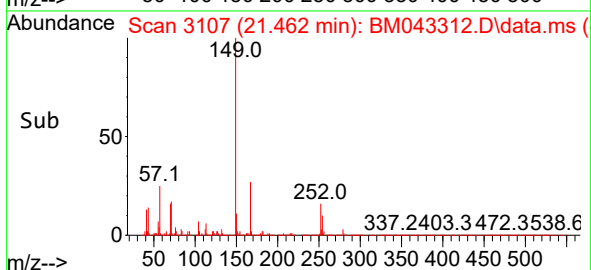
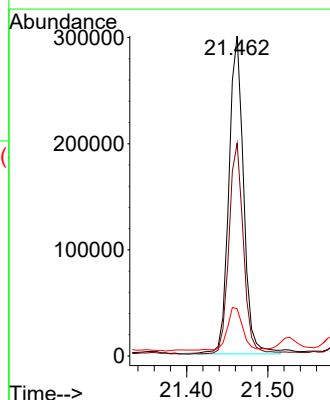
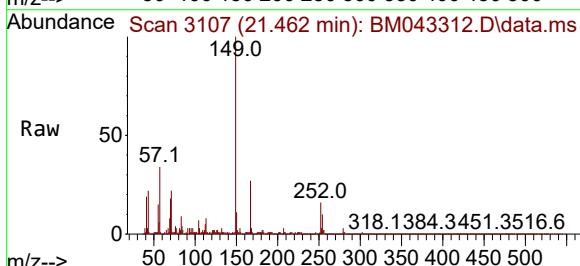
Tgt Ion:252 Resp: 378219

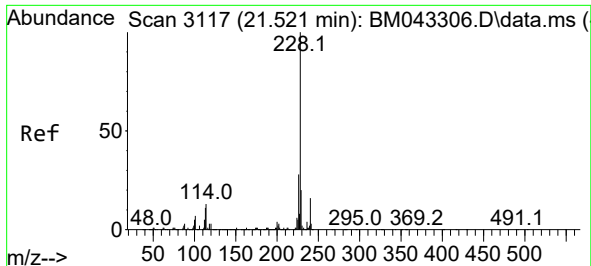
Ion Ratio Lower Upper

252 100

254 66.5 51.3 76.9

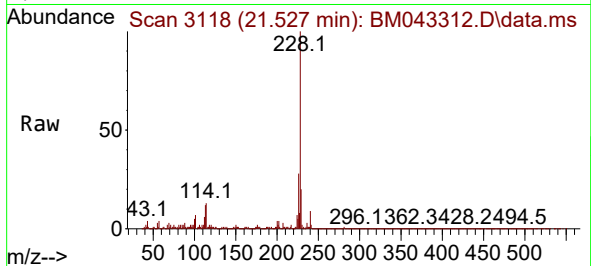
126 14.7 8.8 13.2#





#85
Benzo(a)anthracene
Concen: 38.029 ng/ul
RT: 21.527 min Scan# 3117
Delta R.T. 0.006 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

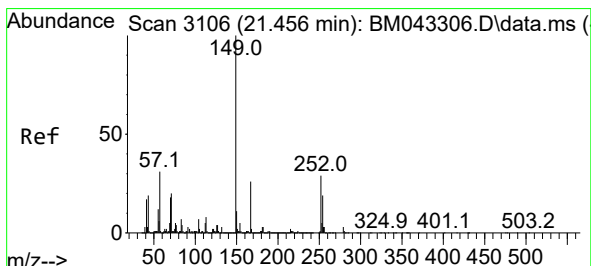
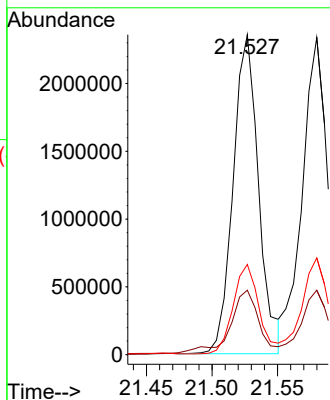
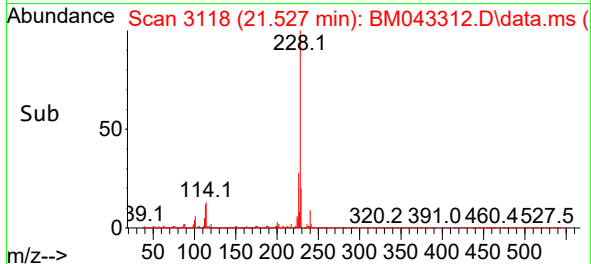
Instrument :
BNA_M
ClientSampleId :
DCLH7MSD



Tgt Ion:228 Resp: 3185774
Ion Ratio Lower Upper
228 100
229 20.2 15.8 23.8
226 28.2 22.2 33.4

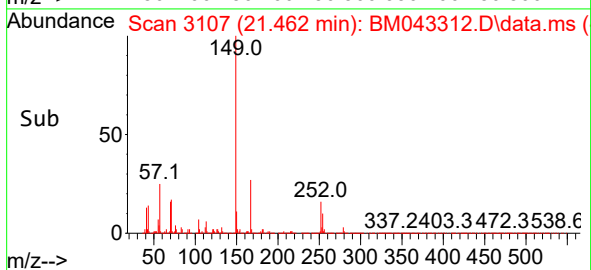
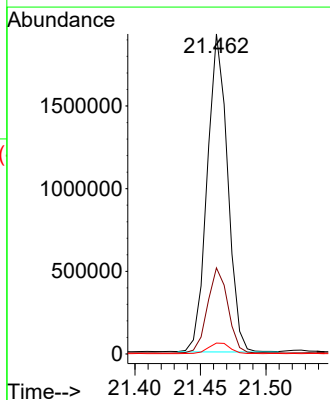
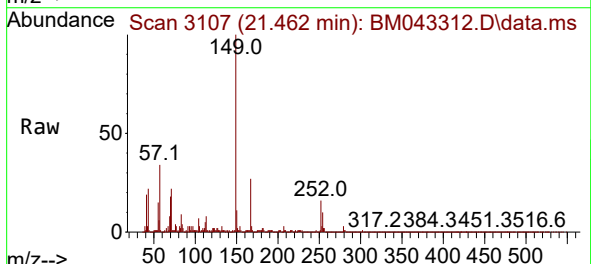
Manual Integrations
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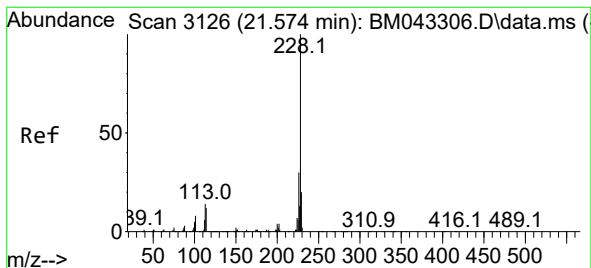
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/15/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 39.797 ng/ul
RT: 21.462 min Scan# 3107
Delta R.T. 0.006 min
Lab File: BM043312.D
Acq: 13 Dec 2023 21:37

Tgt Ion:149 Resp: 2084693
Ion Ratio Lower Upper
149 100
167 26.9 22.6 34.0
279 3.4 3.7 5.5#





#87

Chrysene

Concen: 41.889 ng/ul

RT: 21.580 min Scan# 3126

Delta R.T. 0.006 min

Lab File: BM043312.D

Acq: 13 Dec 2023 21:37

Instrument :

BNA_M

ClientSampleId :

DCLH7MSD

Tgt Ion:228 Resp: 3134158

Ion Ratio Lower Upper

228 100

226 30.5 24.8 37.2

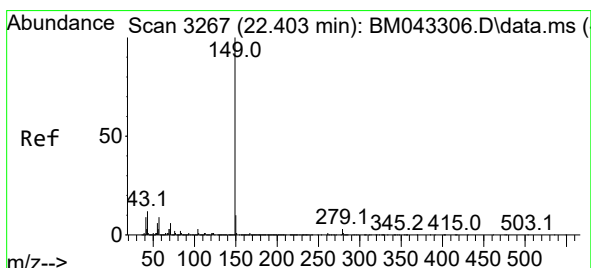
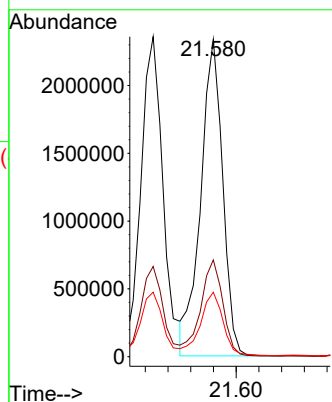
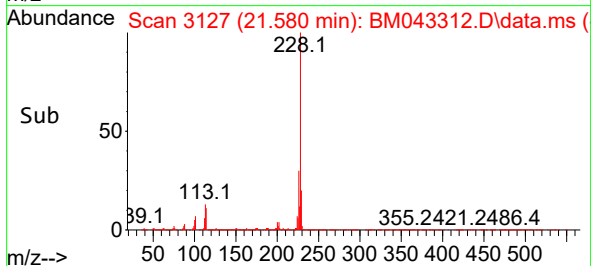
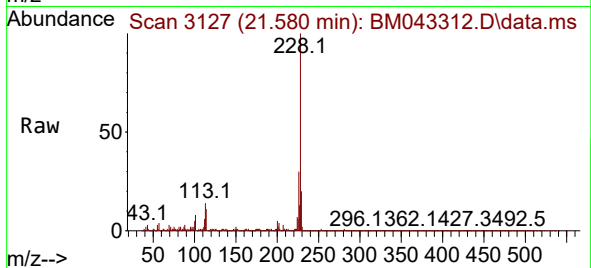
229 20.3 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/15/2023



#89

Di-n-octyl phthalate

Concen: 45.113 ng/ul

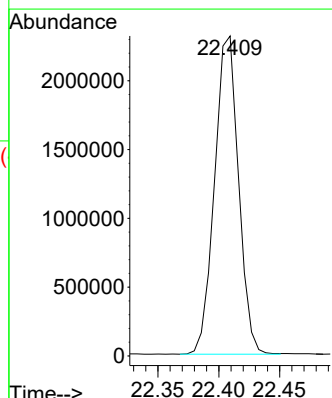
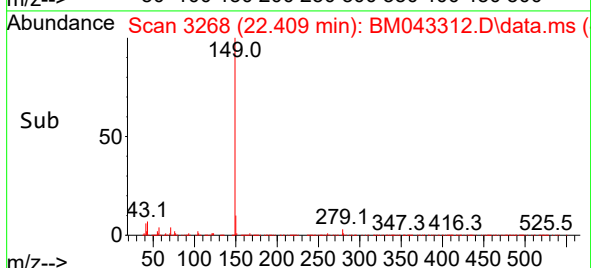
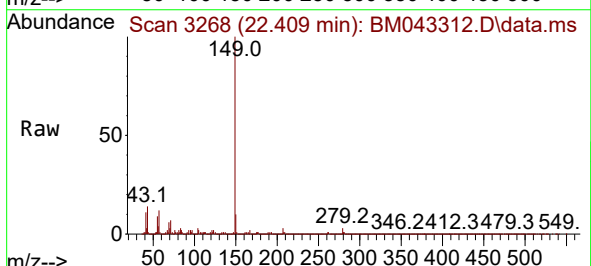
RT: 22.409 min Scan# 3268

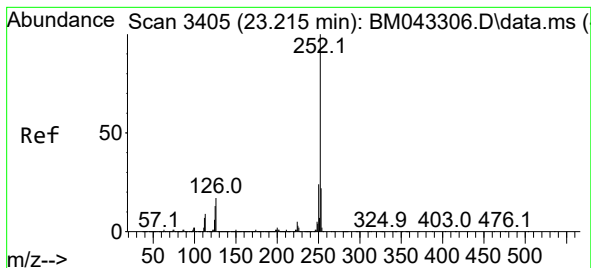
Delta R.T. 0.006 min

Lab File: BM043312.D

Acq: 13 Dec 2023 21:37

Tgt Ion:149 Resp: 3167985





#90

Benzo(b)fluoranthene

Concen: 41.219 ng/ul

RT: 23.227 min Scan# 3405

Delta R.T. 0.012 min

Lab File: BM043312.D

Acq: 13 Dec 2023 21:37

Instrument :

BNA_M

ClientSampleId :

DCLH7MSD

Tgt Ion:252 Resp: 300243

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

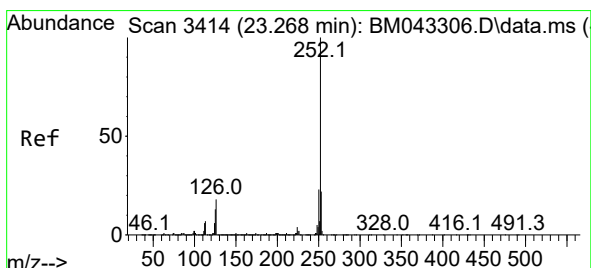
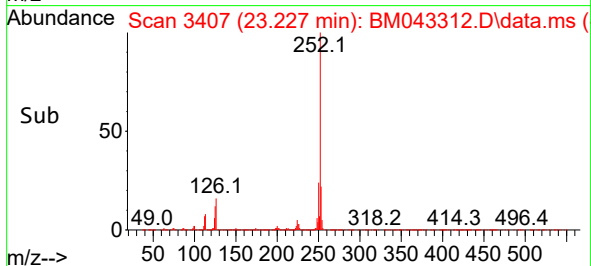
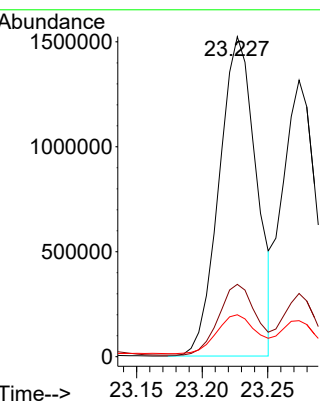
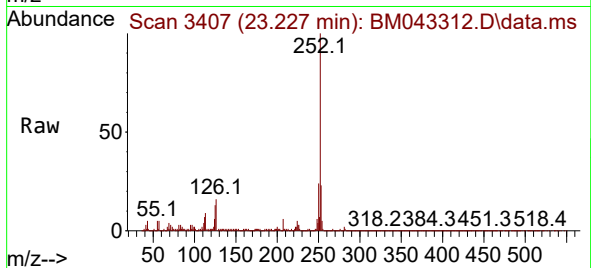
125 13.1 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/15/2023



#91

Benzo(k)fluoranthene

Concen: 31.894 ng/ul

RT: 23.274 min Scan# 3415

Delta R.T. 0.006 min

Lab File: BM043312.D

Acq: 13 Dec 2023 21:37

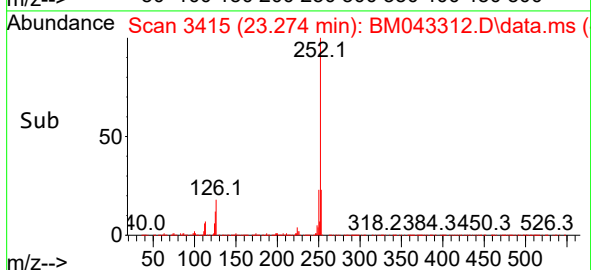
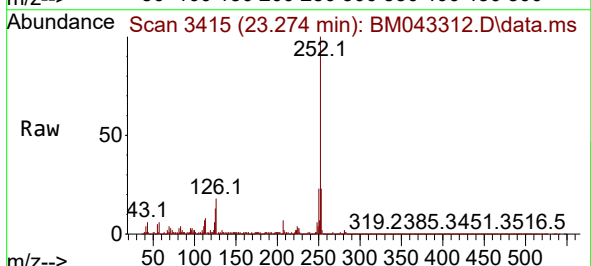
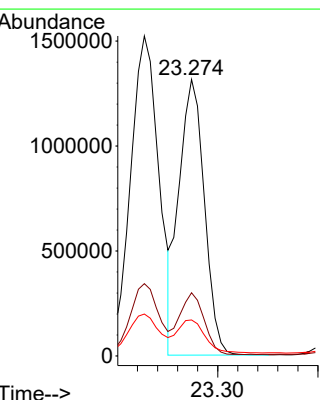
Tgt Ion:252 Resp: 2313856

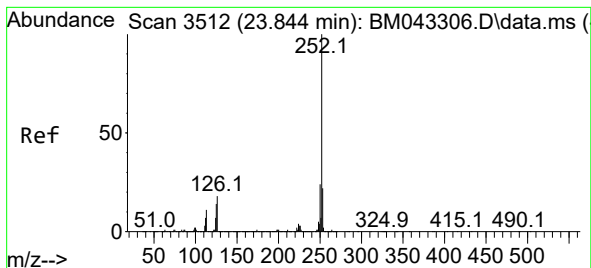
Ion Ratio Lower Upper

252 100

253 22.9 17.9 26.9

125 13.0 7.7 11.5





#93

Benzo(a)pyrene

Concen: 31.396 ng/ul

RT: 23.856 min Scan# 3

Delta R.T. 0.012 min

Lab File: BM043312.D

Acq: 13 Dec 2023 21:37

Instrument :

BNA_M

ClientSampleId :

DCLH7MSD

Tgt Ion:252 Resp: 211386

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.6

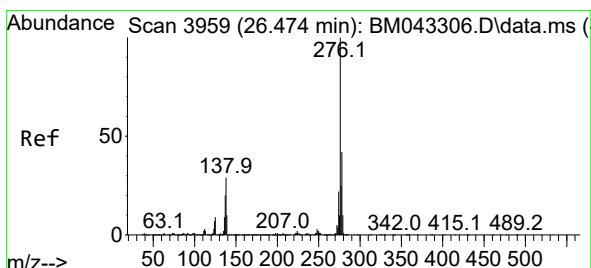
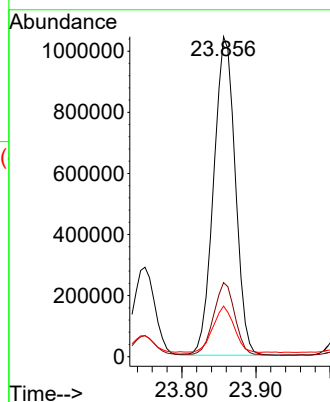
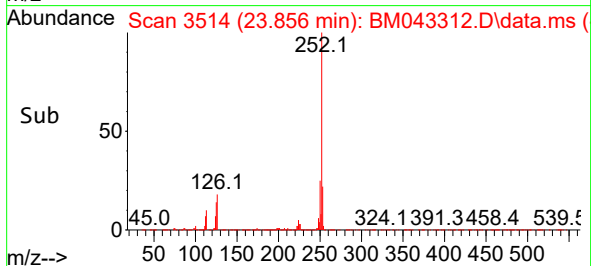
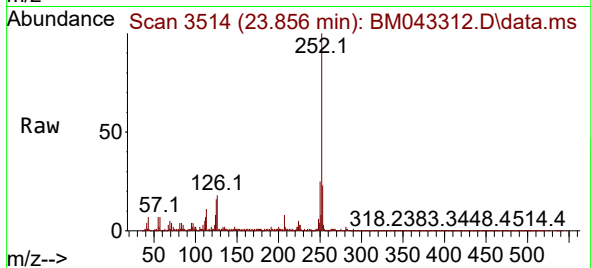
125 15.8 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/15/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 31.030 ng/ul

RT: 26.491 min Scan# 3962

Delta R.T. 0.018 min

Lab File: BM043312.D

Acq: 13 Dec 2023 21:37

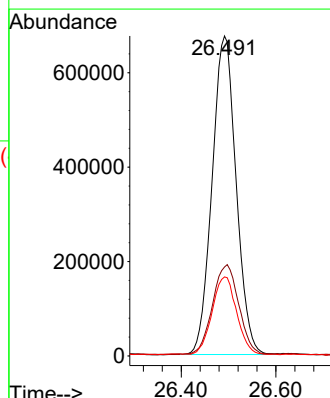
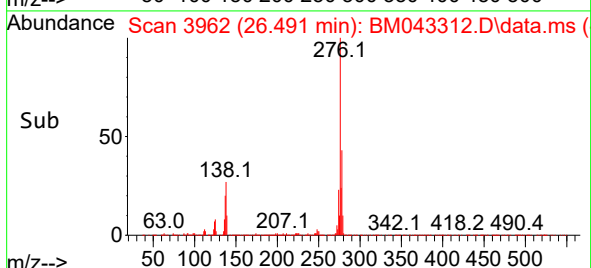
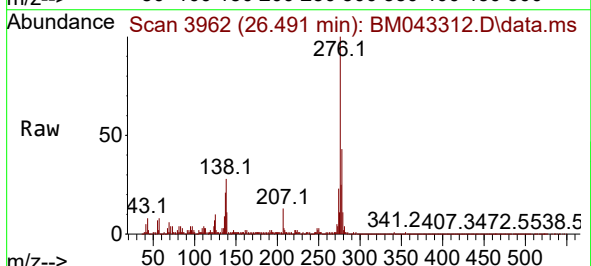
Tgt Ion:276 Resp: 2379745

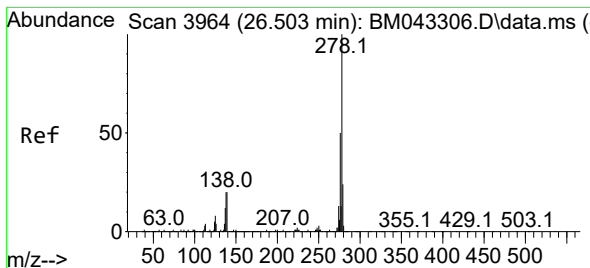
Ion Ratio Lower Upper

276 100

138 27.8 16.9 25.3

277 24.7 19.5 29.3





#95

Dibenzo(a,h)anthracene

Concen: 27.473 ng/ul

RT: 26.515 min Scan# 3966

Delta R.T. 0.012 min

Lab File: BM043312.D

Acq: 13 Dec 2023 21:37

Instrument :

BNA_M

ClientSampleId :

DCLH7MSD

Tgt Ion:278 Resp: 1761762

Ion Ratio Lower Upper

278 100

139 20.7 11.9 17.9

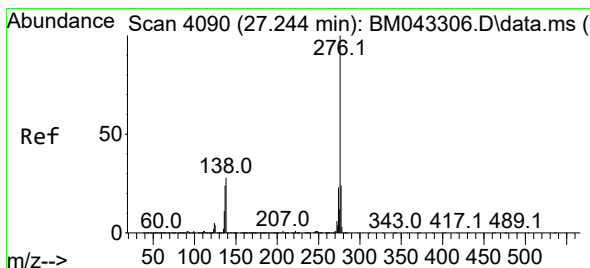
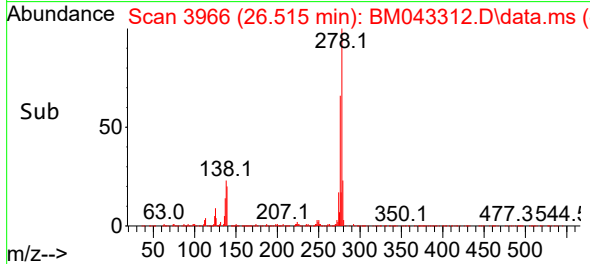
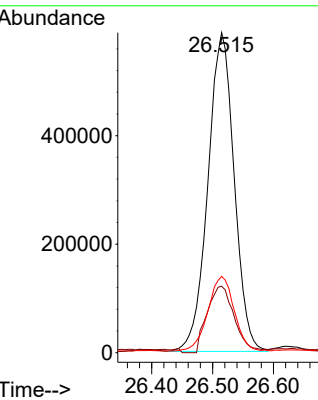
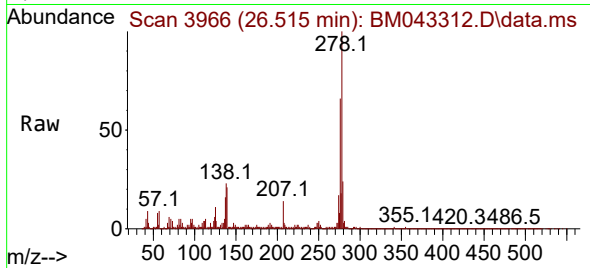
279 23.8 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2023

Supervised By :mohammad ahmed 12/15/2023



#96

Benzo(g,h,i)perylene

Concen: 17.653 ng/ul

RT: 27.268 min Scan# 4094

Delta R.T. 0.024 min

Lab File: BM043312.D

Acq: 13 Dec 2023 21:37

Tgt Ion:276 Resp: 1020012

Ion Ratio Lower Upper

276 100

138 27.6 16.2 24.2

277 23.8 18.7 28.1

