

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060723\
 Data File : BM040144.D
 Acq On : 07 Jun 2023 16:45
 Operator : MA/JU
 Sample : 03036-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PL-STONE-0602MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/08/2023
 Supervised By :mohammad ahmed 06/08/2023

Quant Time: Jun 07 17:17:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 16:45:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	228626	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	1066500	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	650748	20.000	ng	0.00
64) Phenanthrene-d10	17.374	188	1406087	20.000	ng	0.00
76) Chrysene-d12	21.550	240	1486939	20.000	ng	0.00
86) Perylene-d12	23.986	264	1298090	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	2501376	167.826	ng	0.00
7) Phenol-d6	7.151	99	3168378	162.961	ng	0.00
23) Nitrobenzene-d5	9.163	82	1955945	98.962	ng	0.00
42) 2,4,6-Tribromophenol	16.121	330	1715572	203.118	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	4939157	89.523	ng	0.00
79) Terphenyl-d14	19.992	244	9419331	98.359	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.410	88	260917	43.348	ng	# 70
3) Pyridine	3.816	79	769112	46.540	ng	99
4) n-Nitrosodimethylamine	3.722	42	345256	49.177	ng	99
6) Aniline	7.316	93	802160	33.343	ng	100
8) 2-Chlorophenol	7.551	128	902453	57.522	ng	99
9) Benzaldehyde	7.122	77	173081	18.415	ng	98
10) Phenol	7.181	94	1147515	58.880	ng	99
11) bis(2-Chloroethyl)ether	7.410	93	851068	53.019	ng	99
12) 1,3-Dichlorobenzene	7.881	146	820170	49.367	ng	99
13) 1,4-Dichlorobenzene	8.028	146	846637	50.086	ng	100
14) 1,2-Dichlorobenzene	8.345	146	829521	50.046	ng	99
15) Benzyl Alcohol	8.234	79	811990	64.789	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.528	45	1113209	54.062	ng	99
17) 2-Methylphenol	8.434	107	814323	58.402	ng	100
18) Hexachloroethane	9.081	117	305917	49.919	ng	94
19) n-Nitroso-di-n-propyla...	8.804	70	699073	62.079	ng	98
20) 3+4-Methylphenols	8.769	107	1110982	60.381	ng	98
22) Acetophenone	8.822	105	1463348	50.835	ng	99
24) Nitrobenzene	9.204	77	1000810	49.920	ng	99
25) Isophorone	9.734	82	1965070	54.519	ng	100
26) 2-Nitrophenol	9.916	139	433854	61.156	ng	99
27) 2,4-Dimethylphenol	9.975	122	957926	59.285	ng	99
28) bis(2-Chloroethoxy)met...	10.216	93	1233775	52.210	ng	100
29) 2,4-Dichlorophenol	10.451	162	878678	57.397	ng	99
30) 1,2,4-Trichlorobenzene	10.669	180	753780	44.975	ng	98
31) Naphthalene	10.857	128	2839461	48.254	ng	100
32) Benzoic acid	10.116	122	549140	50.035	ng	98
33) 4-Chloroaniline	10.969	127	212064	8.552	ng	98
34) Hexachlorobutadiene	11.145	225	372365	39.583	ng	99
35) Caprolactam	11.757	113	256132m	59.250	ng	
36) 4-Chloro-3-methylphenol	12.086	107	1035503	65.441	ng	96
37) 2-Methylnaphthalene	12.463	142	2016923	51.422	ng	100
38) 1-Methylnaphthalene	12.680	142	1906554	51.928	ng	99
40) 1,2,4,5-Tetrachloroben...	12.827	216	893662	43.419	ng	98
41) Hexachlorocyclopentadiene	12.810	237	1132936	106.405	ng	100
43) 2,4,6-Trichlorophenol	13.063	196	652688	52.246	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060723\
 Data File : BM040144.D
 Acq On : 07 Jun 2023 16:45
 Operator : MA/JU
 Sample : 03036-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PL-STONE-0602MS

Quant Time: Jun 07 17:17:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 16:45:42 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/08/2023
 Supervised By :mohammad ahmed 06/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.139	196	751576	50.545	ng	99
46) 1,1'-Biphenyl	13.469	154	2771491	49.745	ng	100
47) 2-Chloronaphthalene	13.510	162	2072231	49.828	ng	99
48) 2-Nitroaniline	13.716	65	673425	59.216	ng	99
49) Acenaphthylene	14.357	152	3456903	53.098	ng	100
50) Dimethylphthalate	14.092	163	2667408	54.375	ng	100
51) 2,6-Dinitrotoluene	14.210	165	552580	58.883	ng	100
52) Acenaphthene	14.698	154	2570516m	60.428	ng	
53) 3-Nitroaniline	14.533	138	369030	33.241	ng	95
54) 2,4-Dinitrophenol	14.739	184	681992	125.501	ng	96
55) Dibenzofuran	15.027	168	3393332	54.037	ng	99
56) 4-Nitrophenol	14.839	139	1221337	142.221	ng	99
57) 2,4-Dinitrotoluene	14.992	165	799596	58.304	ng	98
58) Fluorene	15.674	166	3006824	57.600	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.251	232	657411	59.451	ng	96
60) Diethylphthalate	15.451	149	2888037	59.561	ng	99
61) 4-Chlorophenyl-phenyle...	15.668	204	1381154	54.078	ng	99
62) 4-Nitroaniline	15.704	138	735793	63.641	ng	98
63) Azobenzene	15.963	77	2916329	60.326	ng	100
65) 4,6-Dinitro-2-methylph...	15.751	198	418697	53.040	ng	96
66) n-Nitrosodiphenylamine	15.886	169	2401850	49.672	ng	100
67) 4-Bromophenyl-phenylether	16.563	248	732469	47.145	ng	100
68) Hexachlorobenzene	16.680	284	889896	50.121	ng	96
69) Atrazine	16.833	200	526768	43.797	ng	98
70) Pentachlorophenol	17.021	266	1297628	111.333	ng	98
71) Phenanthrene	17.415	178	4429246	52.664	ng	99
72) Anthracene	17.509	178	4489831	53.880	ng	99
73) Carbazole	17.774	167	4373435	58.091	ng	100
74) Di-n-butylphthalate	18.339	149	5060655	52.229	ng	100
75) Fluoranthene	19.427	202	4852216	57.885	ng	99
77) Benzidine	19.609	184	455115	19.710	ng	100
78) Pyrene	19.792	202	5244059	48.062	ng	100
80) Butylbenzylphthalate	20.680	149	2280904	50.548	ng	95
81) Benzo(a)anthracene	21.533	228	5441073	51.690	ng	99
82) 3,3'-Dichlorobenzidine	21.462	252	836534	26.604	ng	99
83) Chrysene	21.592	228	4995567	49.462	ng	99
84) Bis(2-ethylhexyl)phtha...	21.456	149	3500988	48.893	ng	99
85) Di-n-octyl phthalate	22.392	149	5657595	51.046	ng	99
87) Indeno(1,2,3-cd)pyrene	26.538	276	4890186	47.372	ng	99
88) Benzo(b)fluoranthene	23.244	252	4853181	58.395	ng	99
89) Benzo(k)fluoranthene	23.297	252	5136366	56.520	ng	99
90) Benzo(a)pyrene	23.880	252	3940037	49.434	ng	98
91) Dibenzo(a,h)anthracene	26.550	278	4301847	48.269	ng	99
92) Benzo(g,h,i)perylene	27.315	276	3462101	43.954	ng	100

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

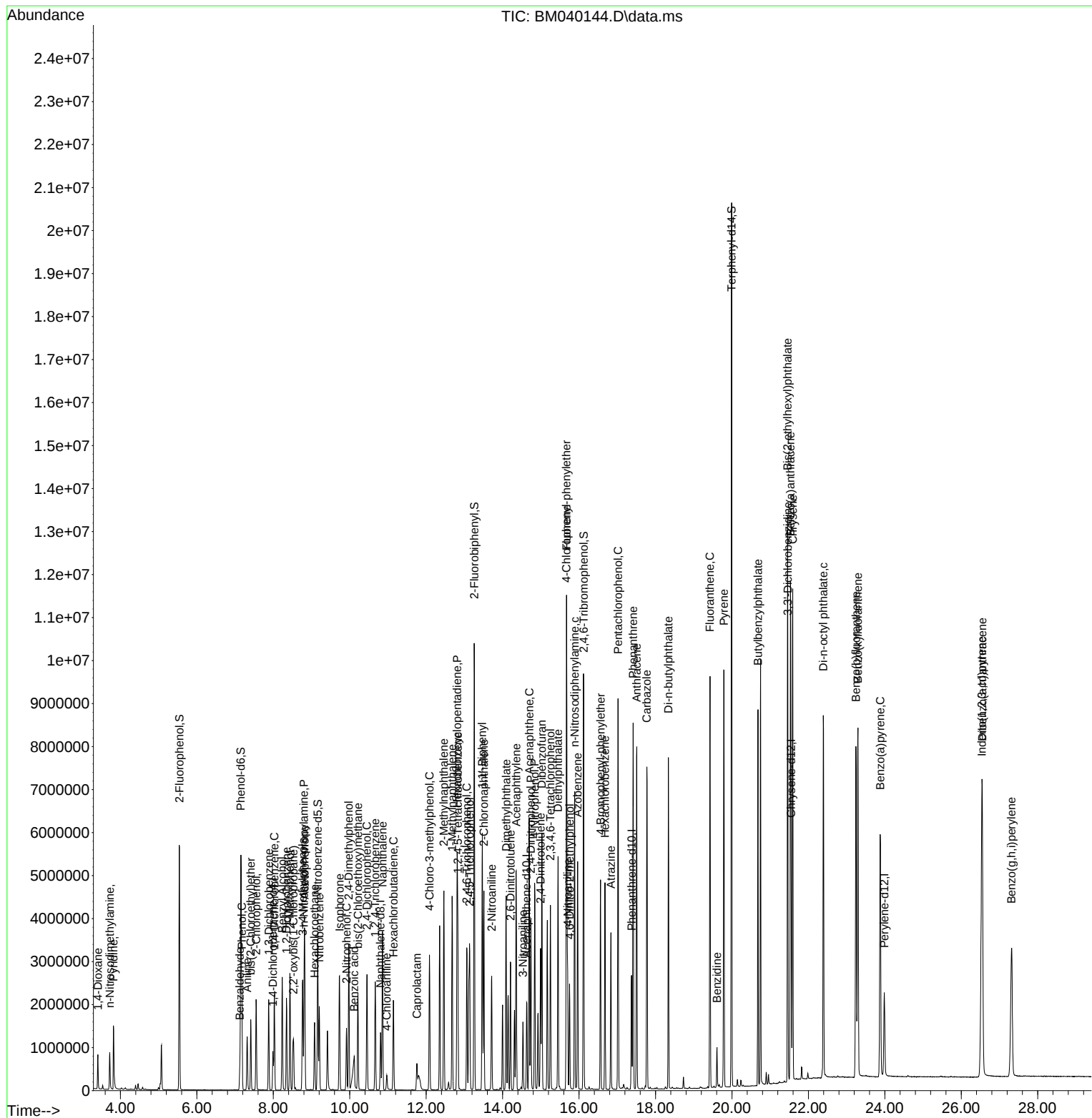
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060723\
 Data File : BM040144.D
 Acq On : 07 Jun 2023 16:45
 Operator : MA/JU
 Sample : 03036-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

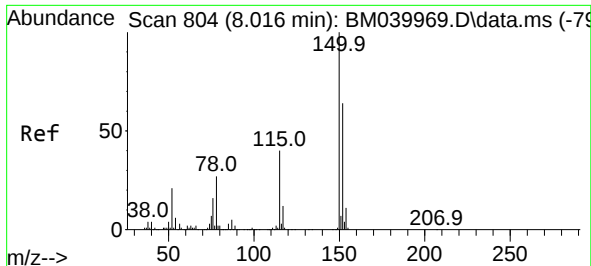
Instrument :
 BNA_M
 ClientSampleId :
 PL-STONE-0602MS

Quant Time: Jun 07 17:17:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 16:45:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

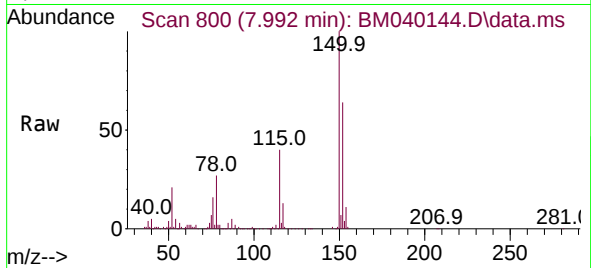
Reviewed By :Yogesh Patel 06/08/2023
 Supervised By :mohammad ahmed 06/08/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.992 min Scan# 80
Delta R.T. -0.007 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

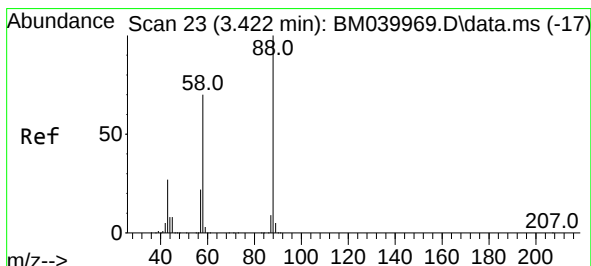
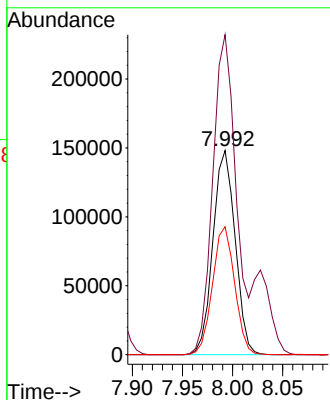
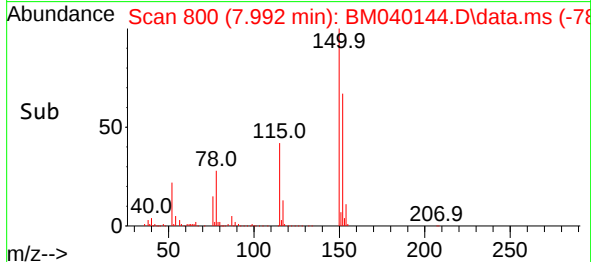
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS



Tgt Ion:152 Resp: 228620
Ion Ratio Lower Upper
152 100
150 156.8 125.5 188.3
115 62.7 50.2 75.2

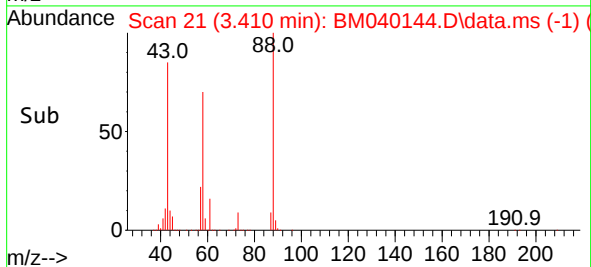
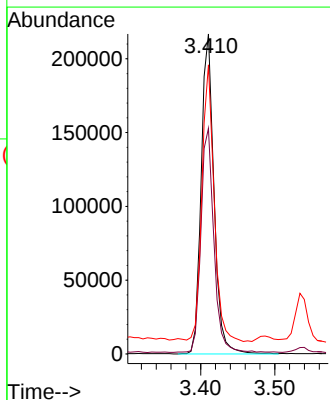
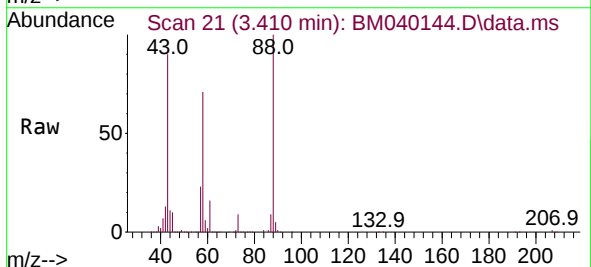
Manual Integrations
APPROVED

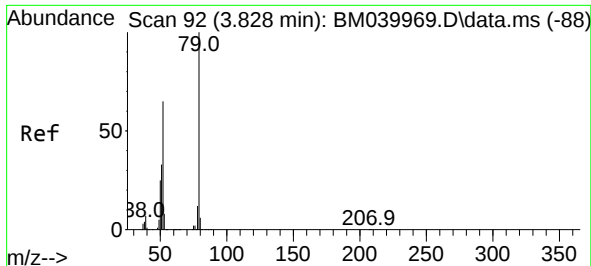
Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023



#2
1,4-Dioxane
Concen: 43.348 ng
RT: 3.410 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

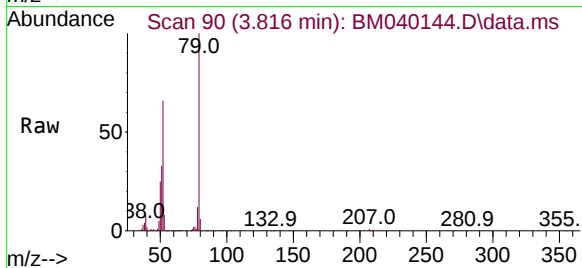
Tgt Ion: 88 Resp: 260917
Ion Ratio Lower Upper
88 100
58 70.7 56.1 84.1
43 82.3 22.0 33.0





#3
Pyridine
Concen: 46.540 ng
RT: 3.816 min Scan# 90
Delta R.T. 0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

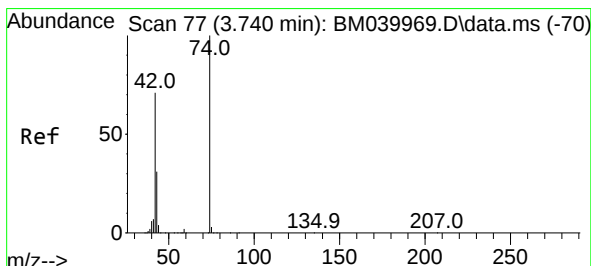
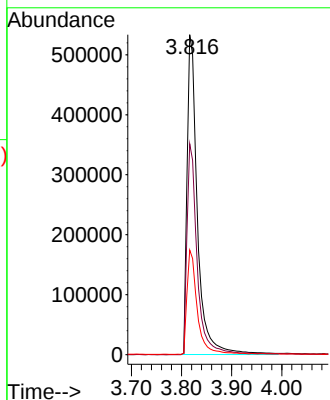
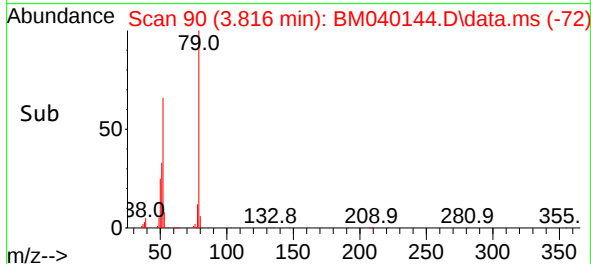
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS



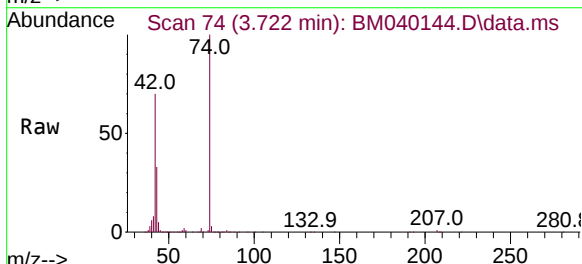
Tgt Ion: 79 Resp: 76911
Ion Ratio Lower Upper
79 100
52 65.9 52.0 78.0
51 32.7 26.5 39.7

Manual Integrations
APPROVED

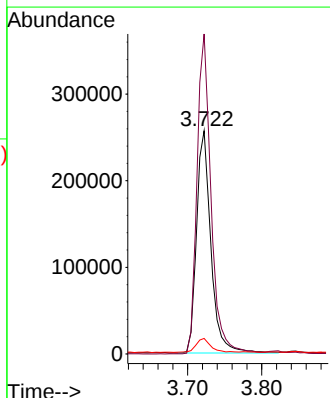
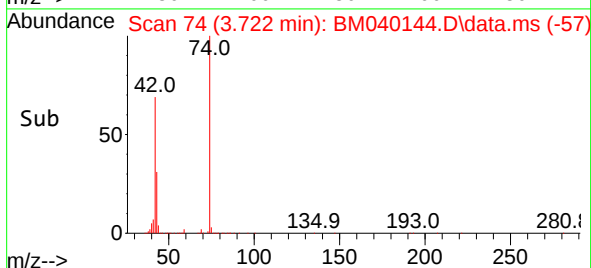
Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023

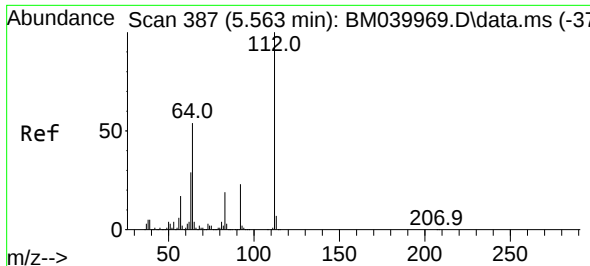


#4
n-Nitrosodimethylamine
Concen: 49.177 ng
RT: 3.722 min Scan# 74
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45



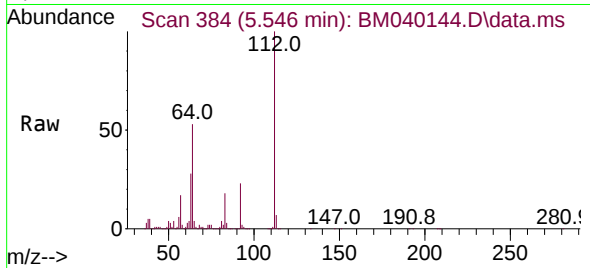
Tgt Ion: 42 Resp: 345256
Ion Ratio Lower Upper
42 100
74 143.4 113.4 170.0
44 7.0 5.4 8.2





#5
2-Fluorophenol
Concen: 167.826 ng
RT: 5.546 min Scan# 387
Delta R.T. 0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

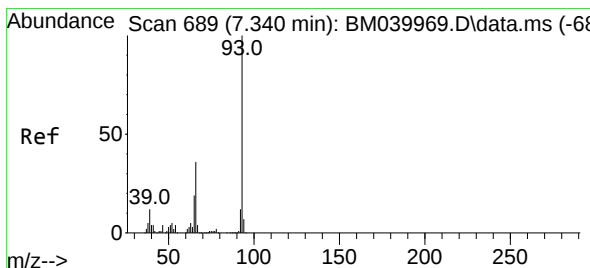
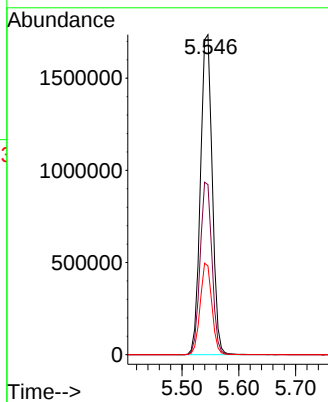
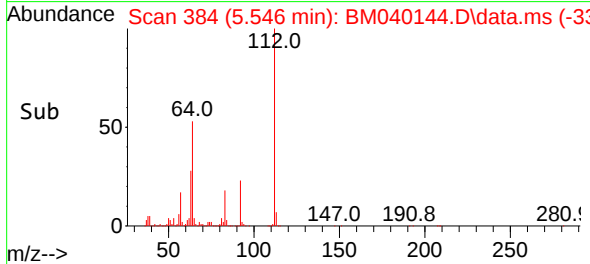
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS



Tgt Ion:112 Resp: 2501370
Ion Ratio Lower Upper
112 100
64 53.1 43.0 64.4
63 27.8 22.9 34.3

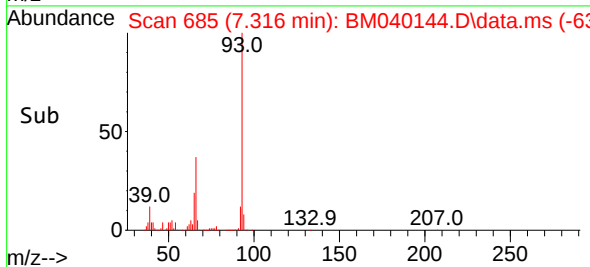
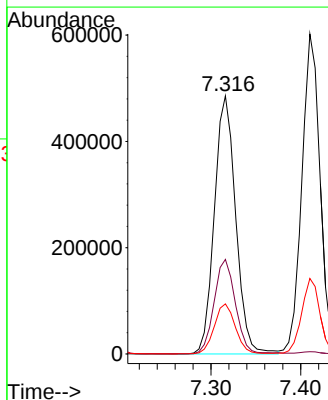
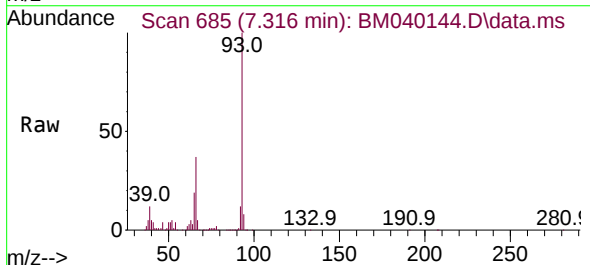
Manual Integrations
APPROVED

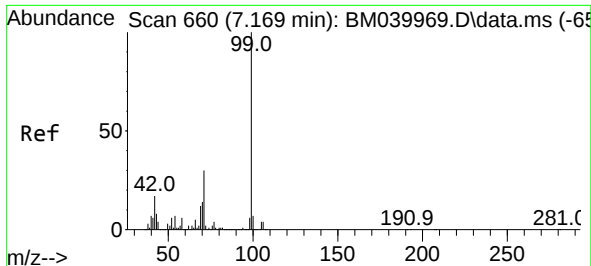
Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023



#6
Aniline
Concen: 33.343 ng
RT: 7.316 min Scan# 685
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

Tgt Ion: 93 Resp: 802160
Ion Ratio Lower Upper
93 100
66 36.6 29.2 43.8
65 19.4 15.3 22.9





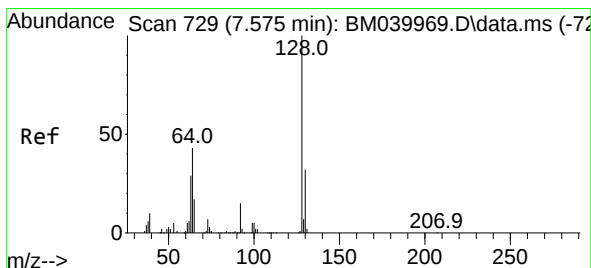
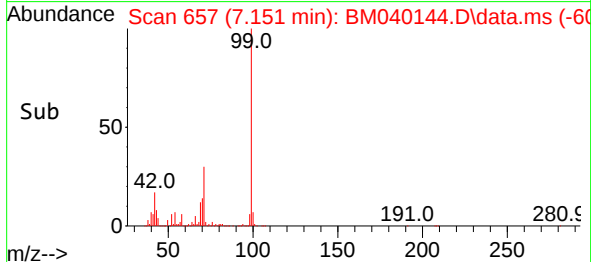
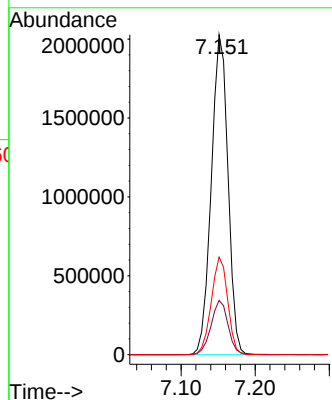
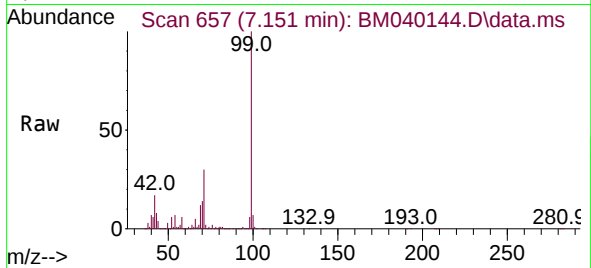
#7
Phenol-d6
Concen: 162.961 ng
RT: 7.151 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS

Tgt Ion: 99 Resp: 3168378
Ion Ratio Lower Upper
99 100
42 17.0 13.8 20.6
71 30.5 24.4 36.6

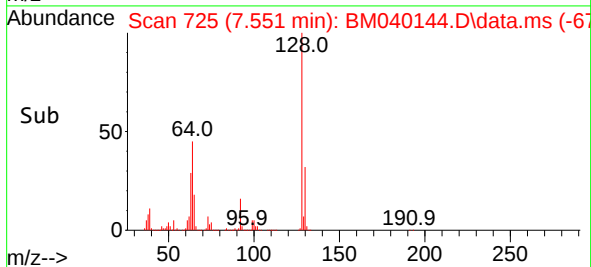
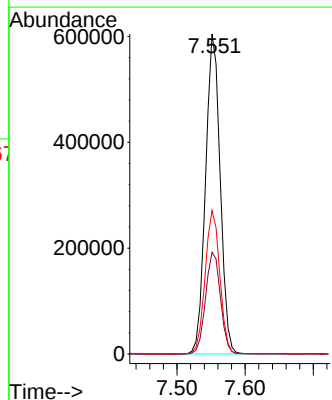
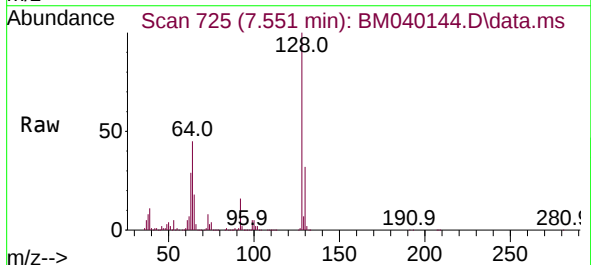
Manual Integrations
APPROVED

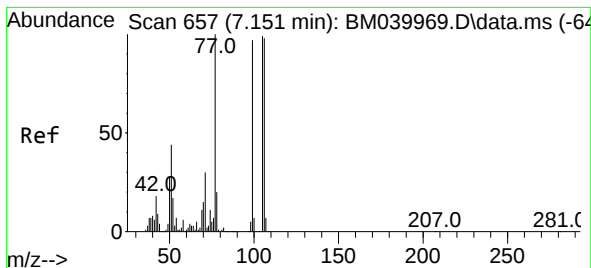
Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023



#8
2-Chlorophenol
Concen: 57.522 ng
RT: 7.551 min Scan# 725
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

Tgt Ion:128 Resp: 902453
Ion Ratio Lower Upper
128 100
130 31.8 12.4 52.4
64 44.8 25.5 65.5





#9

Benzaldehyde

Concen: 18.415 ng

RT: 7.122 min Scan# 61

Delta R.T. -0.006 min

Lab File: BM040144.D

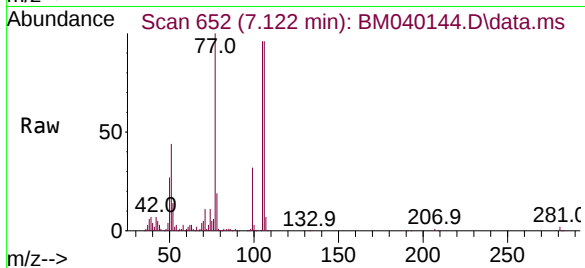
Acq: 07 Jun 2023 16:45

Instrument :

BNA_M

ClientSampleId :

PL-STONE-0602MS



Tgt Ion: 77 Resp: 17308

Ion Ratio Lower Upper

77 100

105 96.2 79.2 119.2

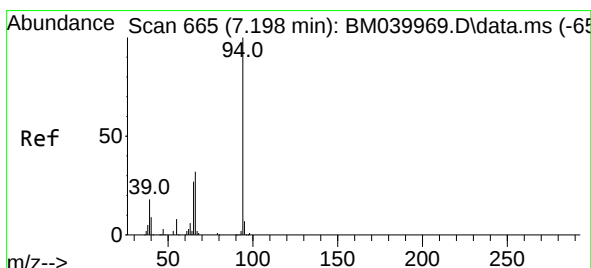
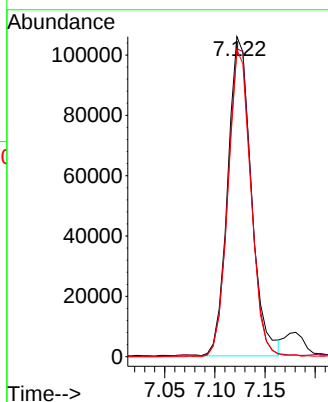
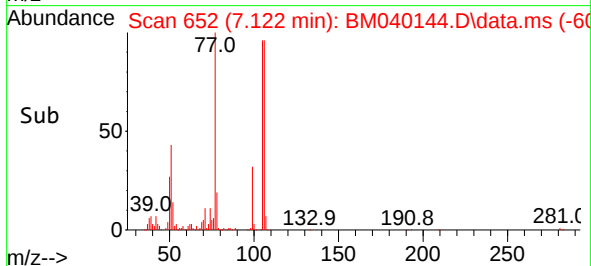
106 96.0 77.6 117.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2023

Supervised By :mohammad ahmed 06/08/2023



#10

Phenol

Concen: 58.880 ng

RT: 7.181 min Scan# 662

Delta R.T. -0.000 min

Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

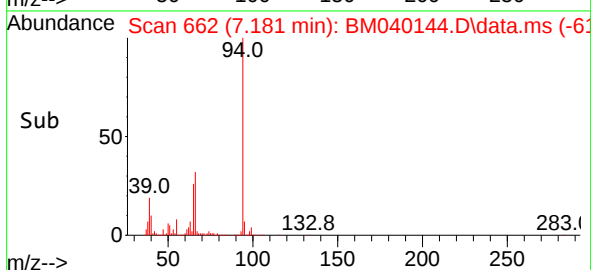
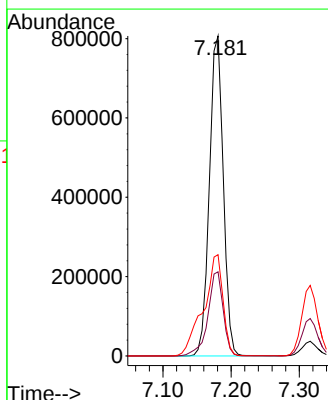
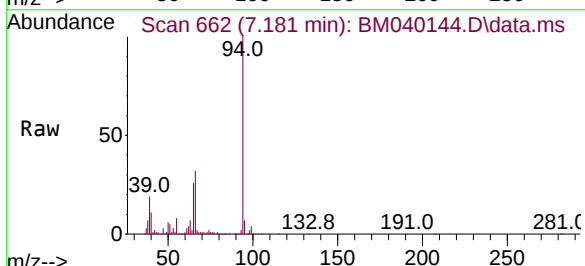
Tgt Ion: 94 Resp: 1147515

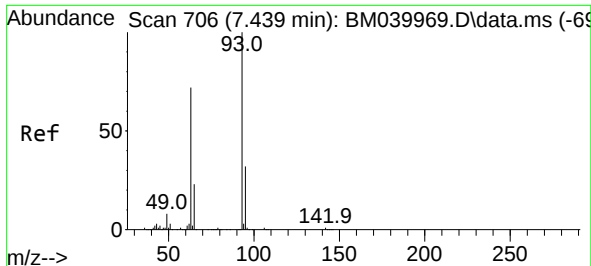
Ion Ratio Lower Upper

94 100

65 26.3 6.7 46.7

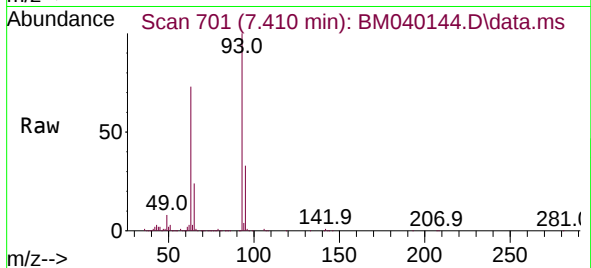
66 31.6 12.4 52.4





#11
bis(2-Chloroethyl)ether
Concen: 53.019 ng
RT: 7.410 min Scan# 706
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

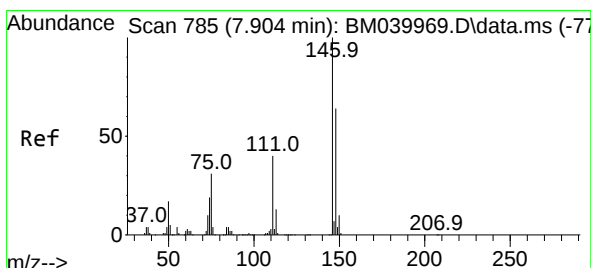
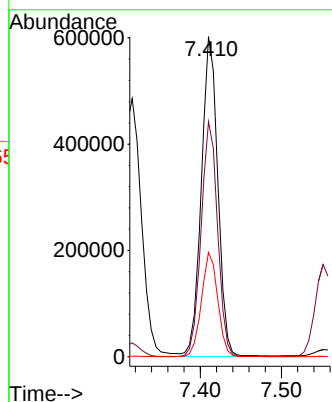
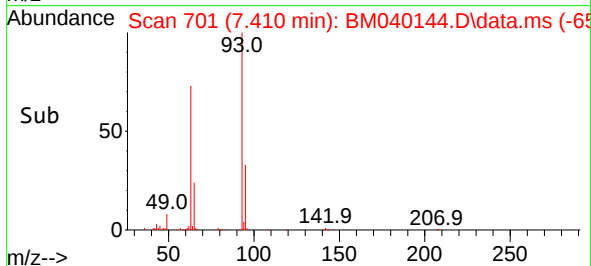
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS



Tgt Ion: 93 Resp: 851068
Ion Ratio Lower Upper
93 100
63 73.4 52.0 92.0
95 32.6 12.2 52.2

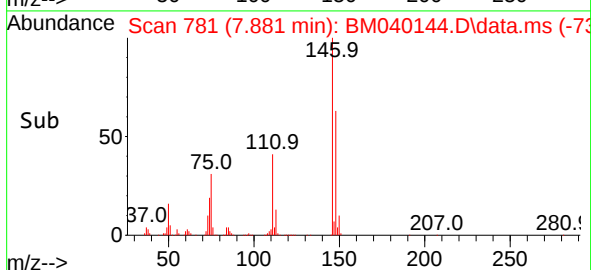
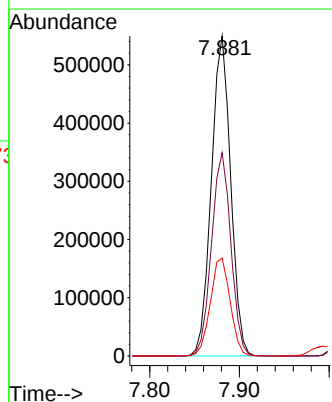
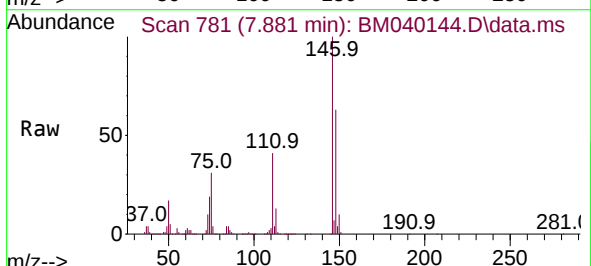
Manual Integrations
APPROVED

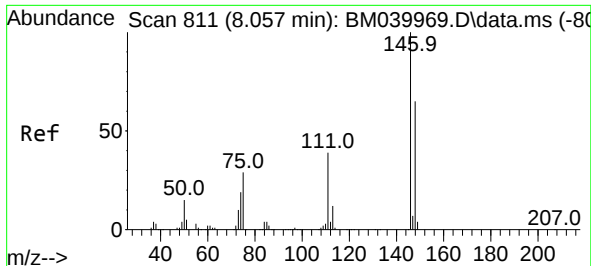
Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023



#12
1,3-Dichlorobenzene
Concen: 49.367 ng
RT: 7.881 min Scan# 781
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

Tgt Ion:146 Resp: 820170
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.0
75 30.6 24.9 37.3





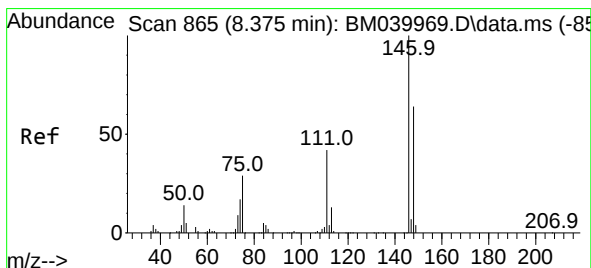
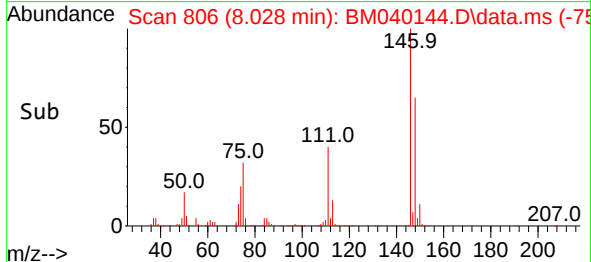
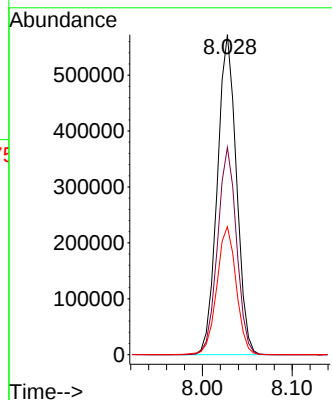
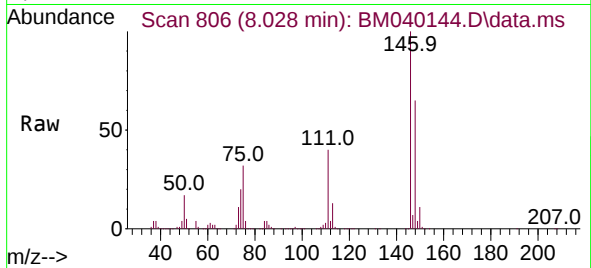
#13
1,4-Dichlorobenzene
Concen: 50.086 ng
RT: 8.028 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS

Tgt Ion:146 Resp: 84663
Ion Ratio Lower Upper
146 100
148 64.8 51.8 77.8
111 40.0 31.4 47.0

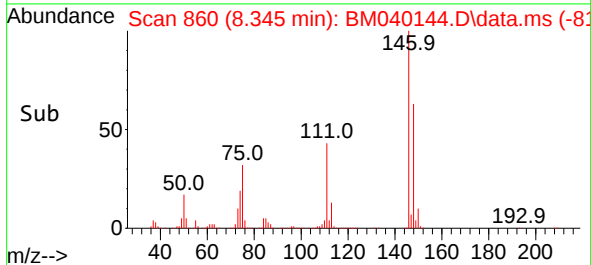
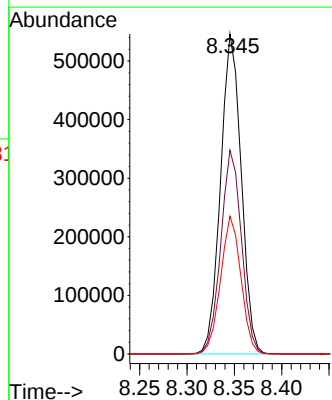
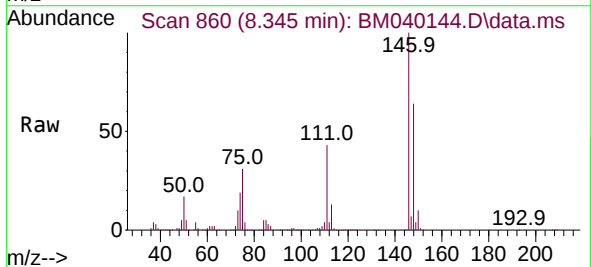
Manual Integrations
APPROVED

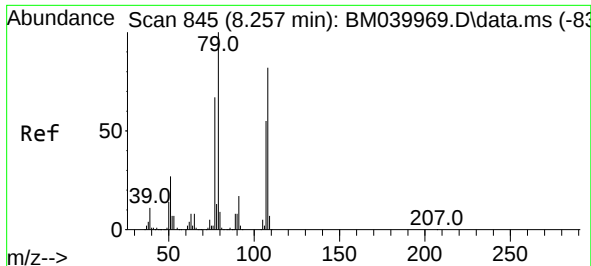
Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023



#14
1,2-Dichlorobenzene
Concen: 50.046 ng
RT: 8.345 min Scan# 860
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

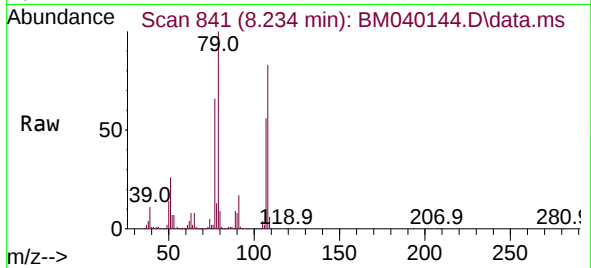
Tgt Ion:146 Resp: 829521
Ion Ratio Lower Upper
146 100
148 63.7 51.2 76.8
111 43.1 33.5 50.3





#15
Benzyl Alcohol
Concen: 64.789 ng
RT: 8.234 min Scan# 841
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

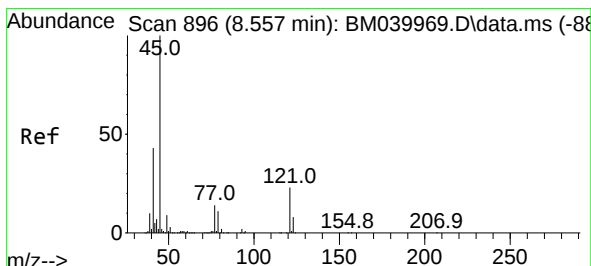
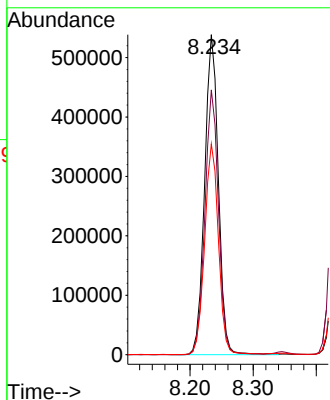
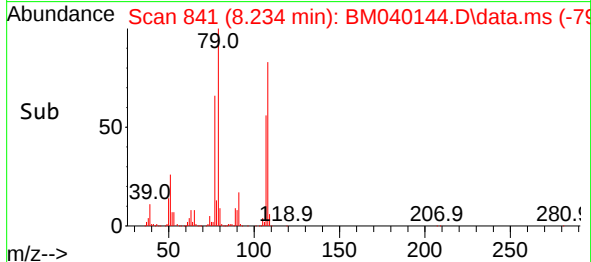
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS



Tgt Ion: 79 Resp: 811990
Ion Ratio Lower Upper
79 100
108 82.7 65.4 98.2
77 65.9 53.6 80.4

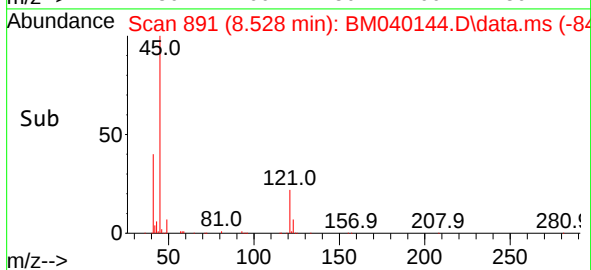
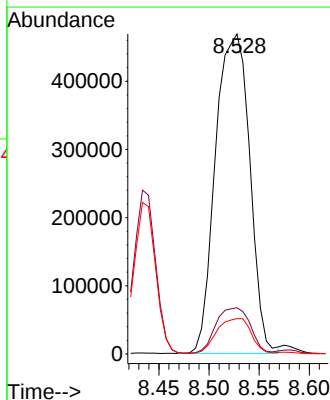
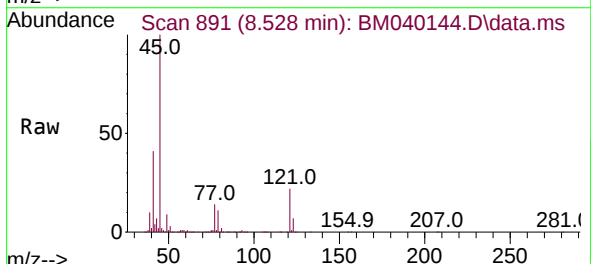
Manual Integrations
APPROVED

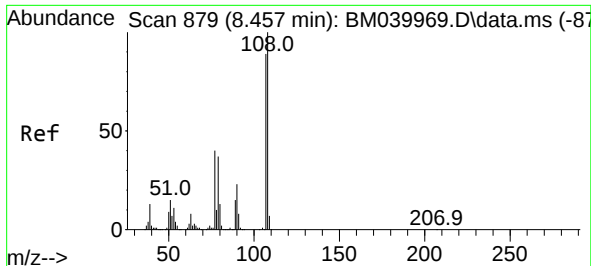
Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.062 ng
RT: 8.528 min Scan# 891
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

Tgt Ion: 45 Resp: 1113209
Ion Ratio Lower Upper
45 100
77 14.5 0.0 34.7
79 11.1 0.0 31.3





#17

2-Methylphenol

Concen: 58.402 ng

RT: 8.434 min Scan# 81

Delta R.T. -0.006 min

Lab File: BM040144.D

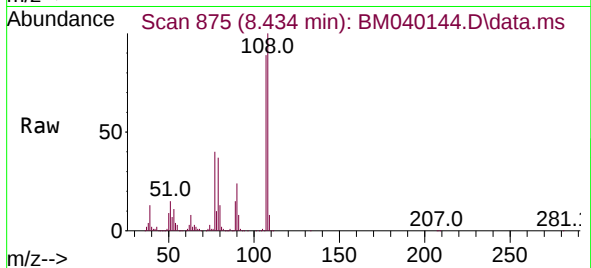
Acq: 07 Jun 2023 16:45

Instrument :

BNA_M

ClientSampleId :

PL-STONE-0602MS



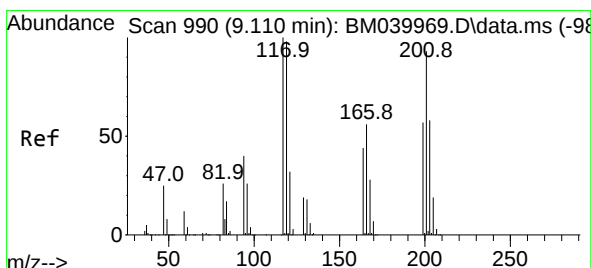
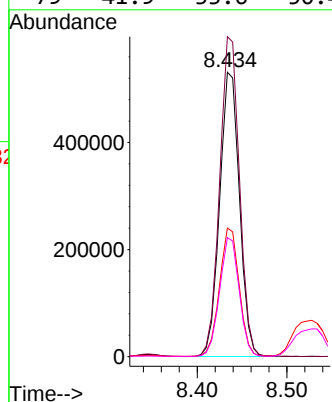
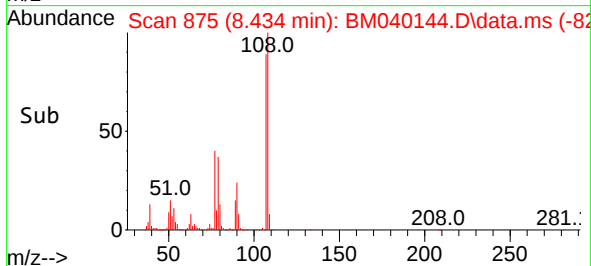
Tgt Ion:	107	Resp:	81432
Ion Ratio	Lower	Upper	
107	100		
108	112.5	89.8	134.8
77	45.2	35.6	53.4
79	41.9	33.6	50.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2023

Supervised By :mohammad ahmed 06/08/2023



#18

Hexachloroethane

Concen: 49.919 ng

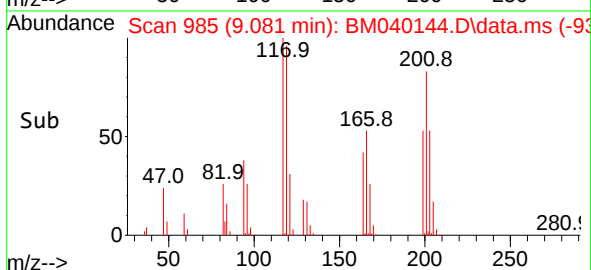
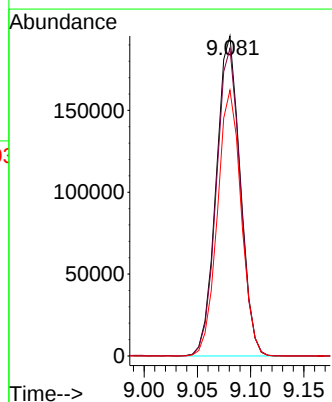
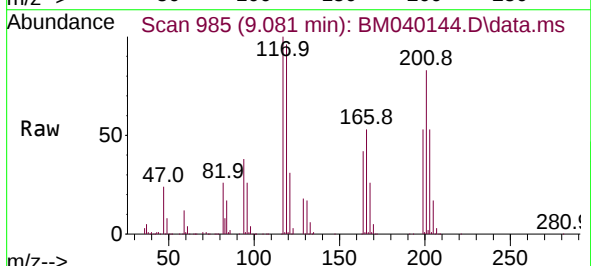
RT: 9.081 min Scan# 985

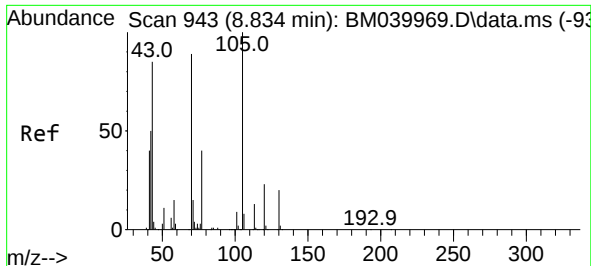
Delta R.T. -0.006 min

Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

Tgt Ion:	117	Resp:	305917
Ion Ratio	Lower	Upper	
117	100		
119	96.2	78.8	118.2
201	83.1	74.3	111.5





#19

n-Nitroso-di-n-propylamine

Concen: 62.079 ng

RT: 8.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM040144.D

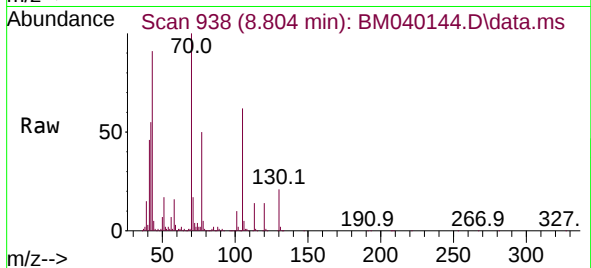
Acq: 07 Jun 2023 16:45

Instrument :

BNA_M

ClientSampleId :

PL-STONE-0602MS



Tgt Ion: 70 Resp: 69907

Ion Ratio Lower Upper

70 100

42 55.4 45.6 68.4

101 9.7 7.7 11.5

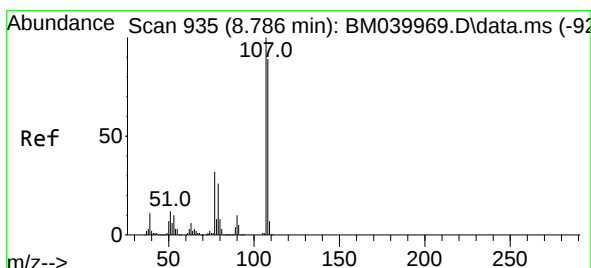
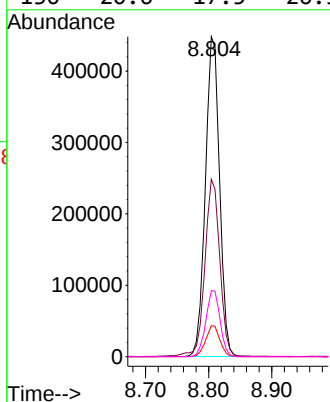
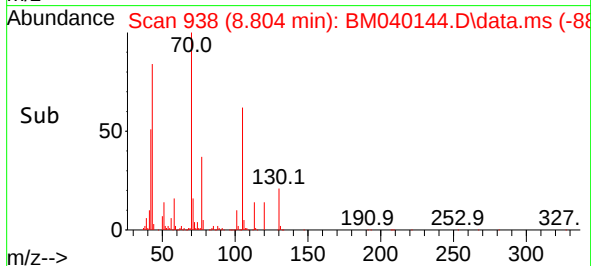
130 20.6 17.5 26.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2023

Supervised By :mohammad ahmed 06/08/2023



#20

3+4-Methylphenols

Concen: 60.381 ng

RT: 8.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

Tgt Ion:107 Resp: 1110982

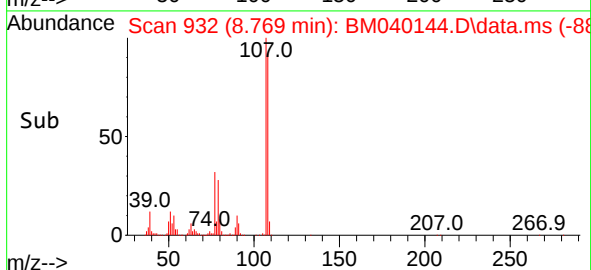
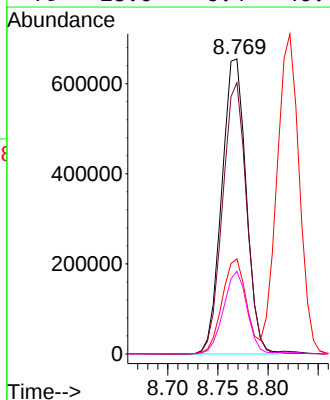
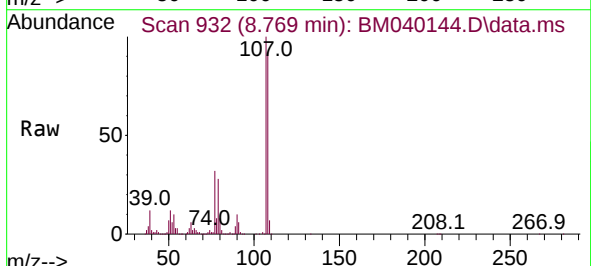
Ion Ratio Lower Upper

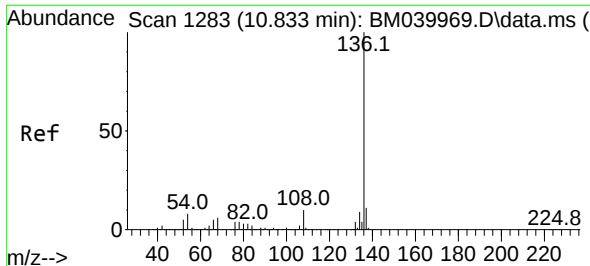
107 100

108 91.9 69.3 109.3

77 32.2 11.7 51.7

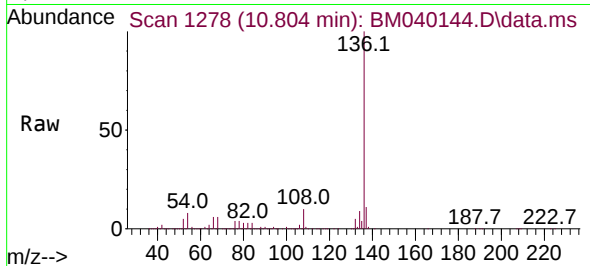
79 28.0 6.4 46.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.804 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

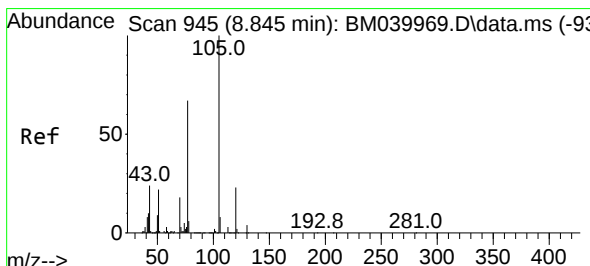
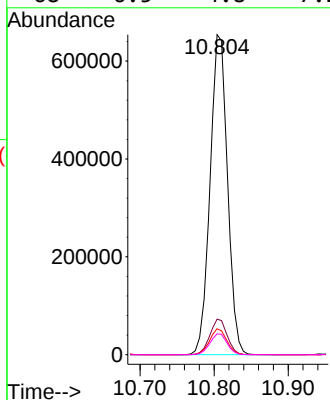
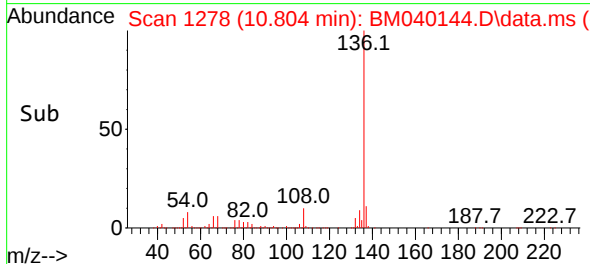
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS



Tgt Ion:136 Resp: 1066500
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 8.1 6.1 9.1
68 6.5 4.8 7.2

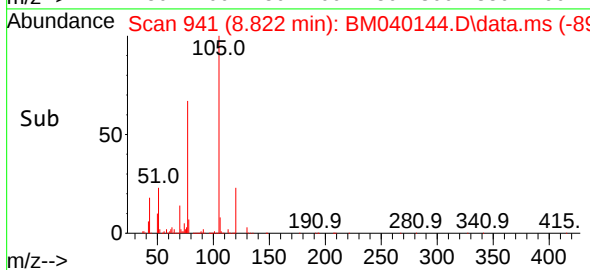
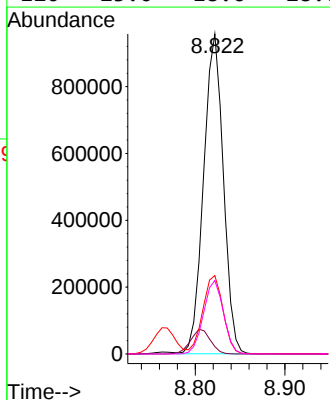
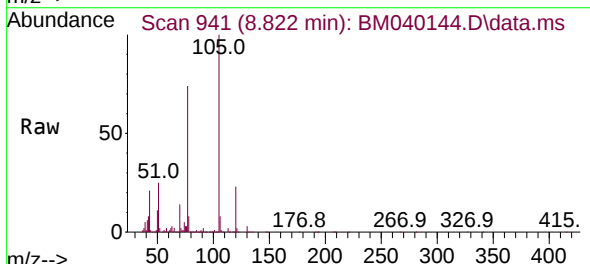
Manual Integrations
APPROVED

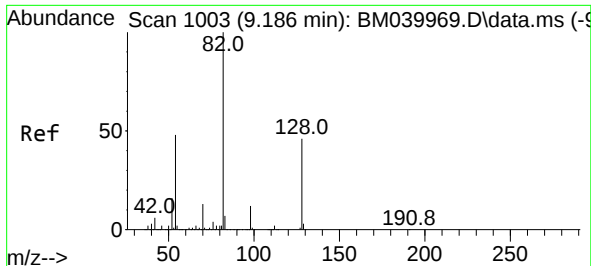
Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023



#22
Acetophenone
Concen: 50.835 ng
RT: 8.822 min Scan# 941
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

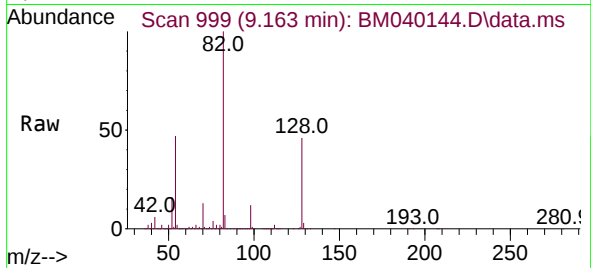
Tgt Ion:105 Resp: 1463348
Ion Ratio Lower Upper
105 100
71 2.3 2.2 3.4
51 24.5 19.8 29.8
120 23.0 18.6 28.0





#23
Nitrobenzene-d5
Concen: 98.962 ng
RT: 9.163 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

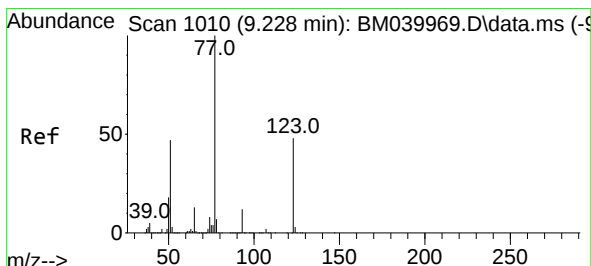
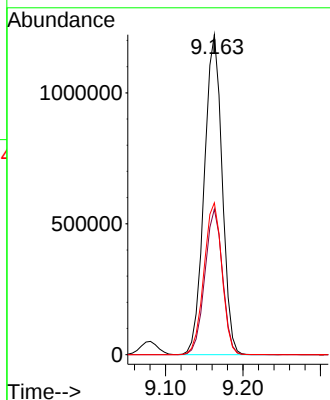
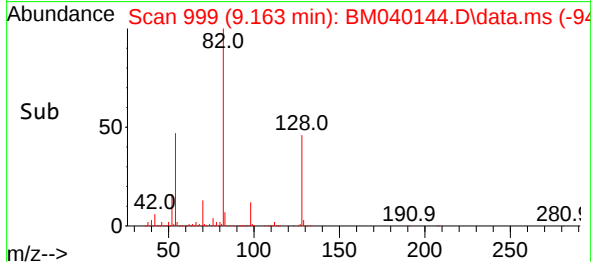
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS



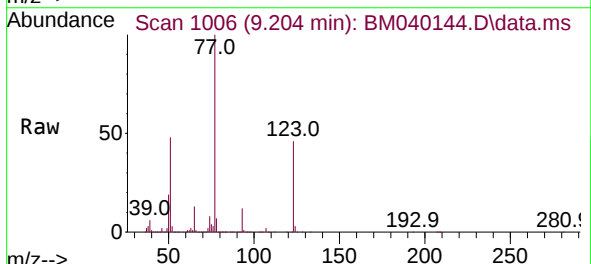
Tgt Ion: 82 Resp: 195594
Ion Ratio Lower Upper
82 100
128 45.5 36.5 54.7
54 47.4 38.3 57.5

Manual Integrations
APPROVED

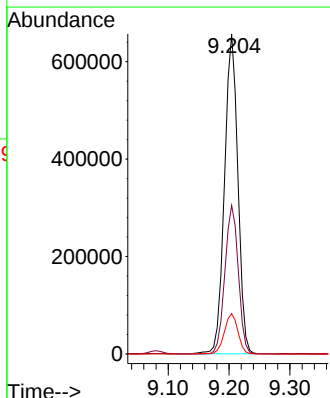
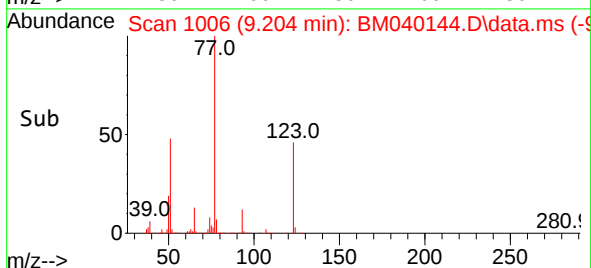
Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023

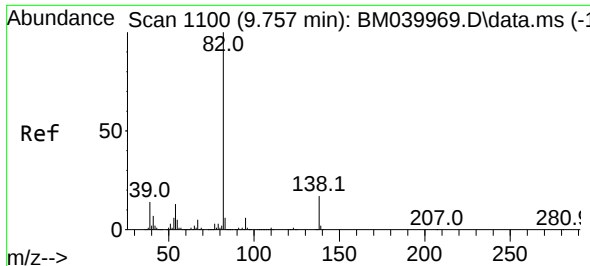


#24
Nitrobenzene
Concen: 49.920 ng
RT: 9.204 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45



Tgt Ion: 77 Resp: 1000810
Ion Ratio Lower Upper
77 100
123 46.4 38.1 57.1
65 12.6 10.1 15.1





#25

Isophorone

Concen: 54.519 ng

RT: 9.734 min Scan# 1100

Delta R.T. -0.000 min

Lab File: BM040144.D

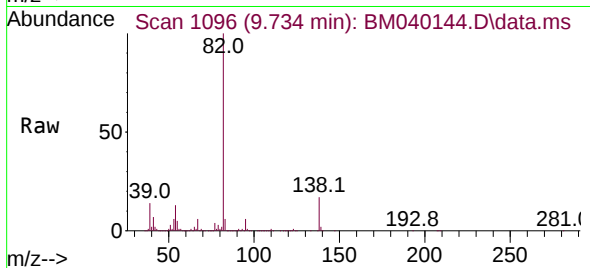
Acq: 07 Jun 2023 16:45

Instrument :

BNA_M

ClientSampleId :

PL-STONE-0602MS



Tgt Ion: 82 Resp: 1965070

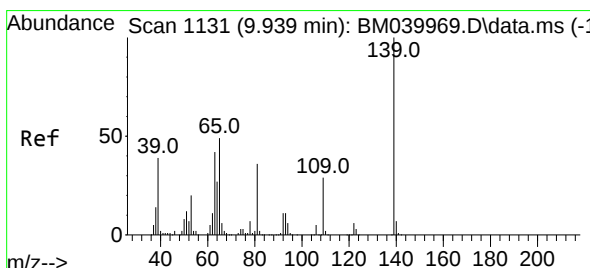
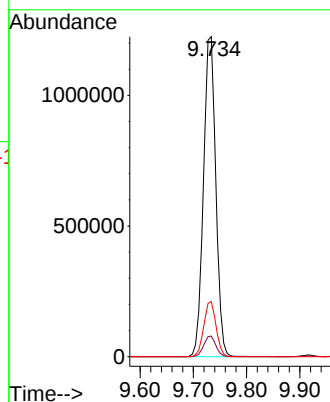
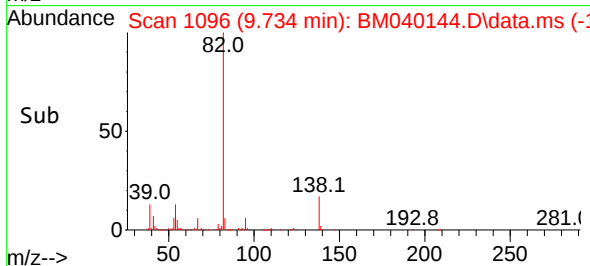
Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.2	7.8
138	17.3	13.8	20.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2023

Supervised By :mohammad ahmed 06/08/2023



#26

2-Nitrophenol

Concen: 61.156 ng

RT: 9.916 min Scan# 1127

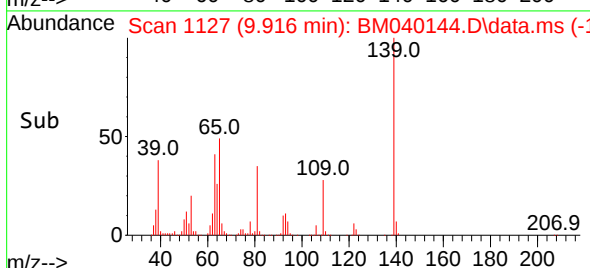
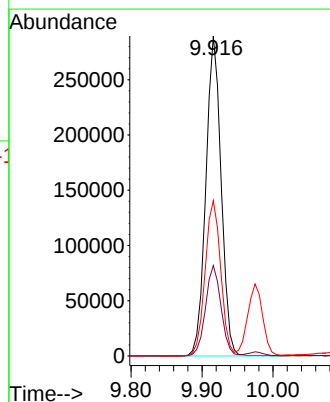
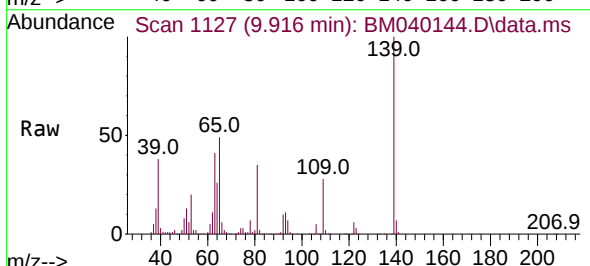
Delta R.T. -0.006 min

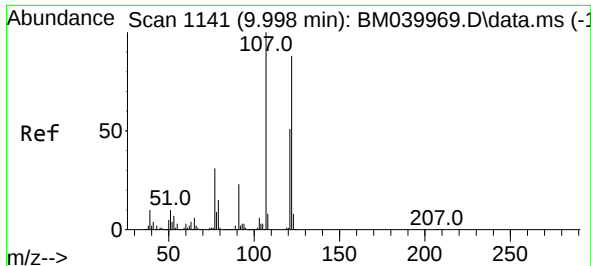
Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

Tgt Ion:139 Resp: 433854

Ion	Ratio	Lower	Upper
139	100		
109	28.3	23.4	35.2
65	48.5	39.4	59.2





#27

2,4-Dimethylphenol

Concen: 59.285 ng

RT: 9.975 min Scan# 1141

Delta R.T. -0.006 min

Lab File: BM040144.D

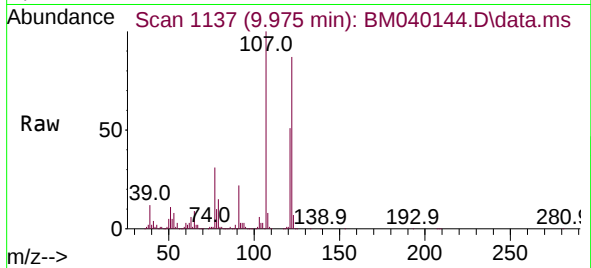
Acq: 07 Jun 2023 16:45

Instrument :

BNA_M

ClientSampleId :

PL-STONE-0602MS



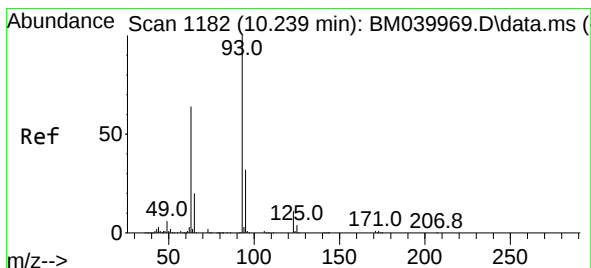
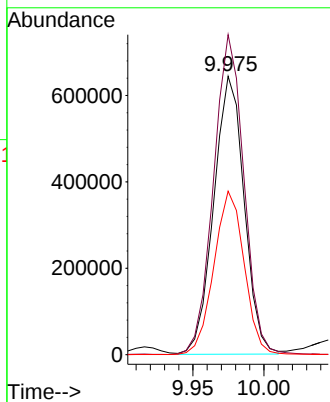
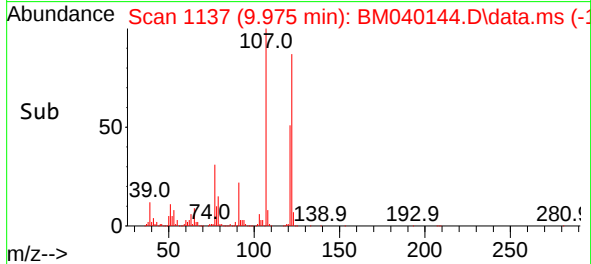
Tgt Ion:	122	Resp:	957920
Ion	Ratio	Lower	Upper
122	100		
107	115.0	91.0	136.4
121	58.8	45.9	68.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2023

Supervised By :mohammad ahmed 06/08/2023



#28

bis(2-Chloroethoxy)methane

Concen: 52.210 ng

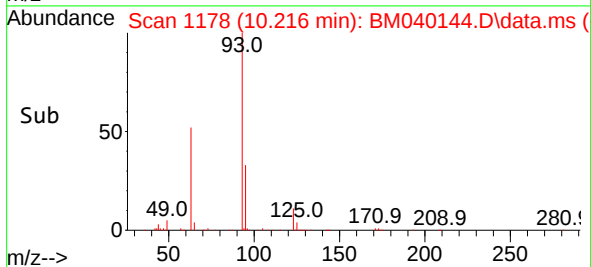
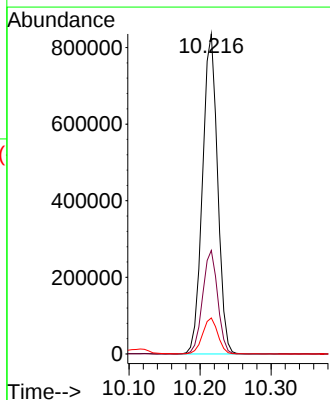
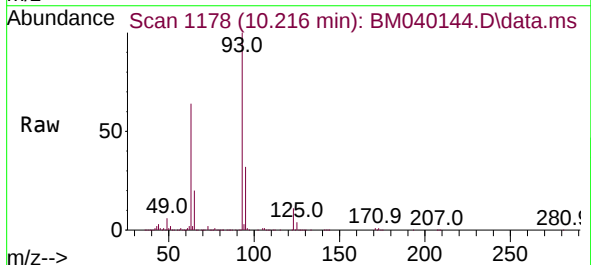
RT: 10.216 min Scan# 1178

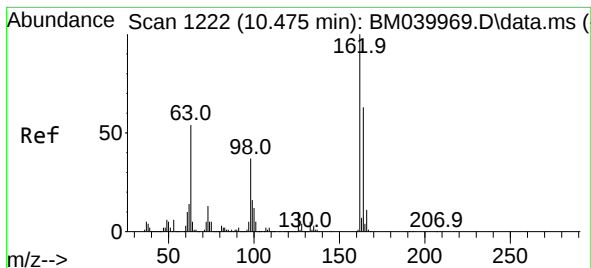
Delta R.T. -0.000 min

Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

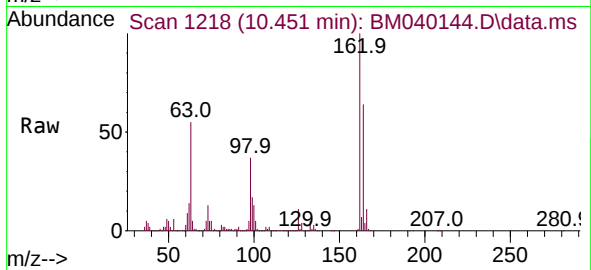
Tgt Ion:	93	Resp:	1233775
Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.7	38.5
123	11.2	9.1	13.7





#29
2,4-Dichlorophenol
Concen: 57.397 ng
RT: 10.451 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

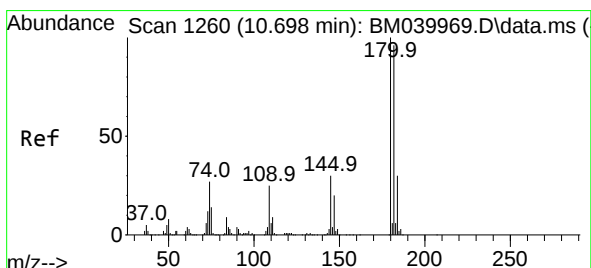
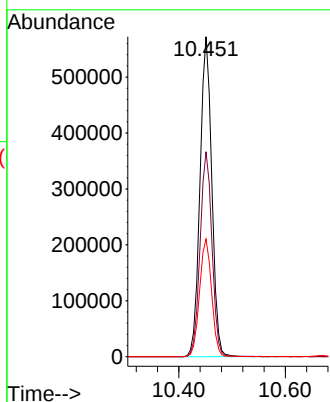
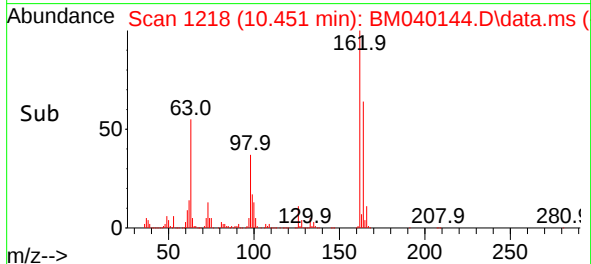
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS



Tgt Ion:162 Resp: 878678
Ion Ratio Lower Upper
162 100
164 64.0 43.3 83.3
98 36.8 16.6 56.6

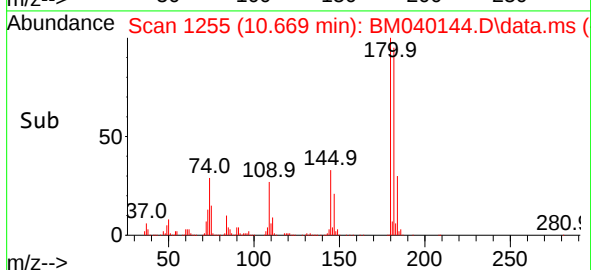
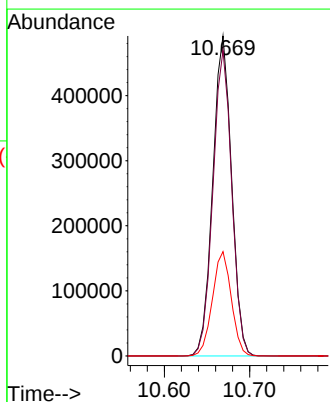
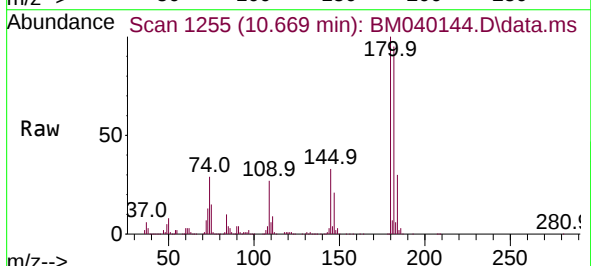
Manual Integrations
APPROVED

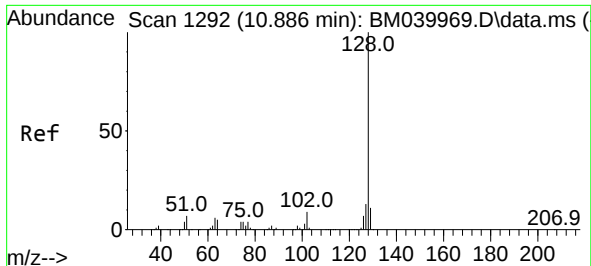
Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023



#30
1,2,4-Trichlorobenzene
Concen: 44.975 ng
RT: 10.669 min Scan# 1255
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

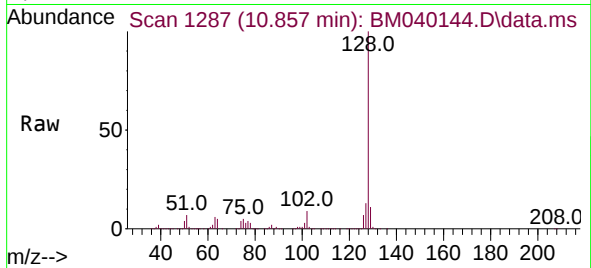
Tgt Ion:180 Resp: 753780
Ion Ratio Lower Upper
180 100
182 95.5 76.9 115.3
145 32.6 24.1 36.1





#31
Naphthalene
Concen: 48.254 ng
RT: 10.857 min Scan# 1127
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

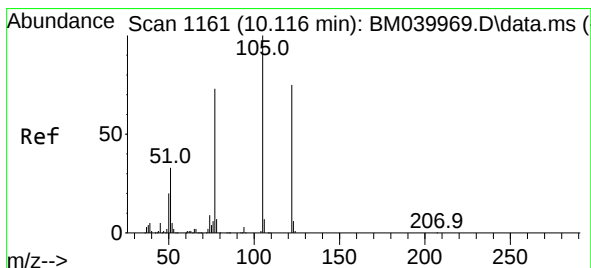
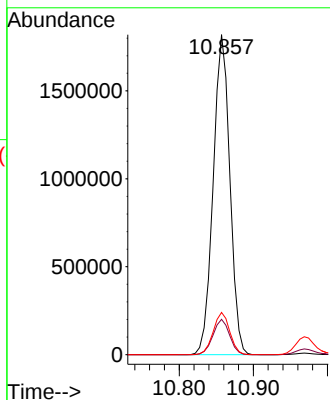
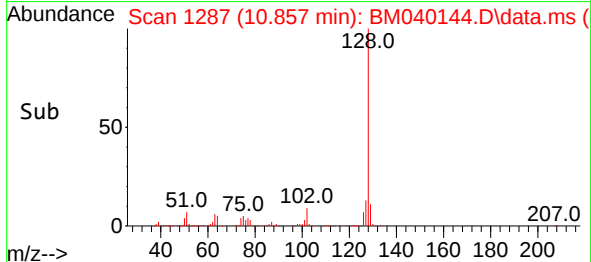
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS



Tgt Ion:128 Resp: 283946
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.2 10.4 15.6

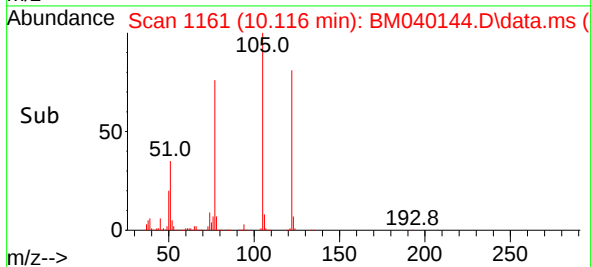
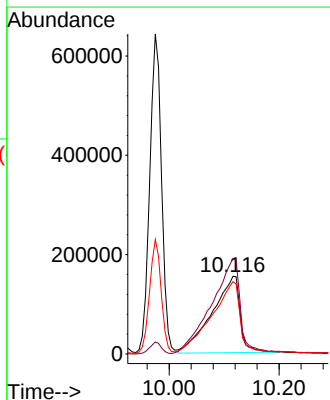
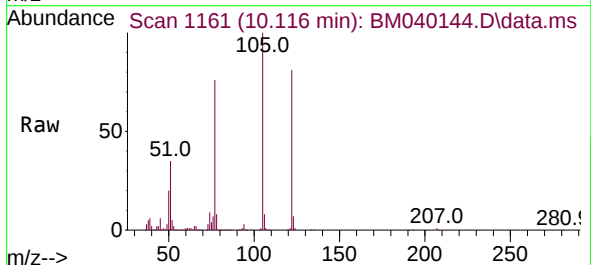
Manual Integrations
APPROVED

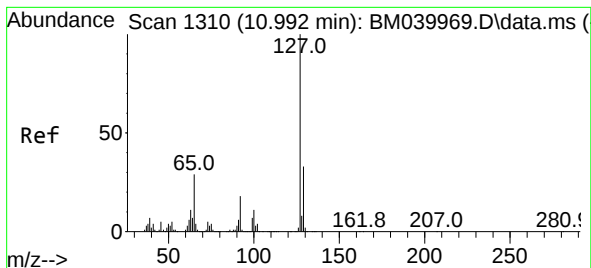
Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023



#32
Benzoic acid
Concen: 50.035 ng
RT: 10.116 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

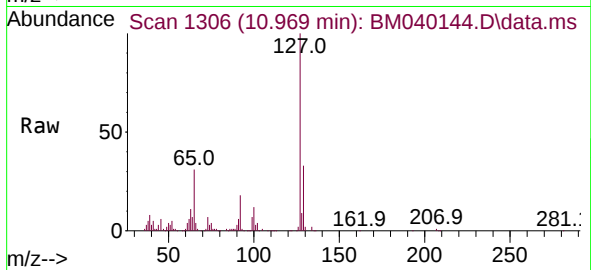
Tgt Ion:122 Resp: 549140
Ion Ratio Lower Upper
122 100
105 123.1 106.0 146.0
77 93.3 74.7 114.7





#33
4-Chloroaniline
Concen: 8.552 ng
RT: 10.969 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

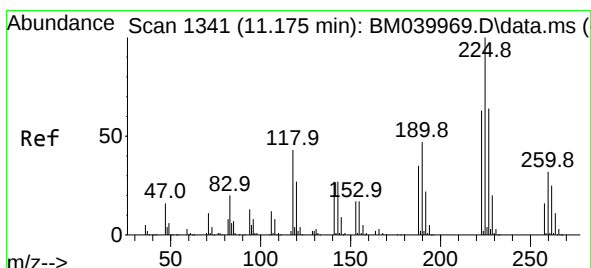
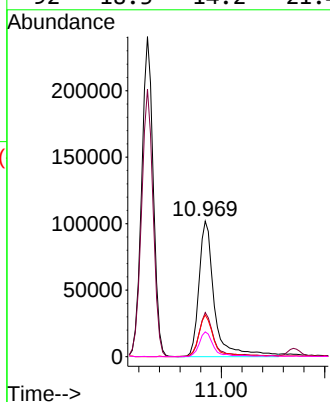
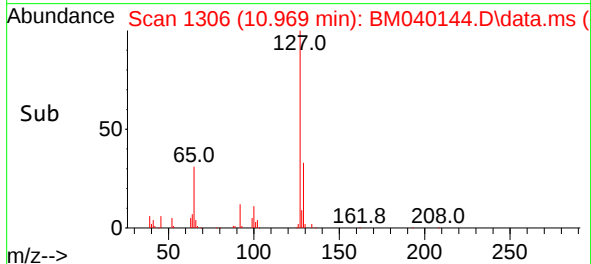
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS



Tgt Ion:127 Resp: 212064
Ion Ratio Lower Upper
127 100
129 32.6 26.2 39.2
65 30.8 23.1 34.7
92 18.3 14.2 21.4

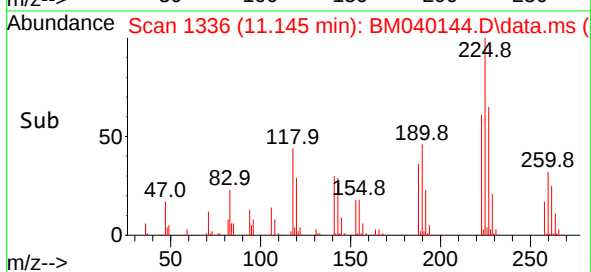
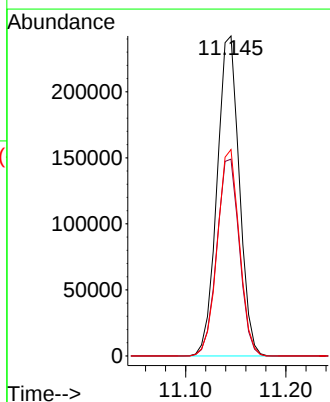
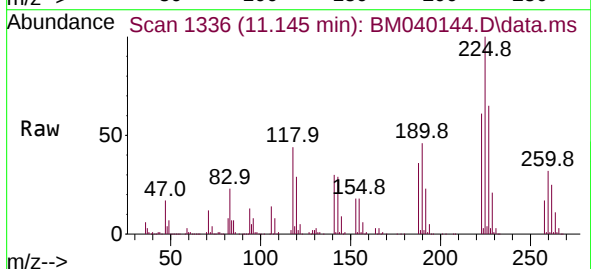
Manual Integrations
APPROVED

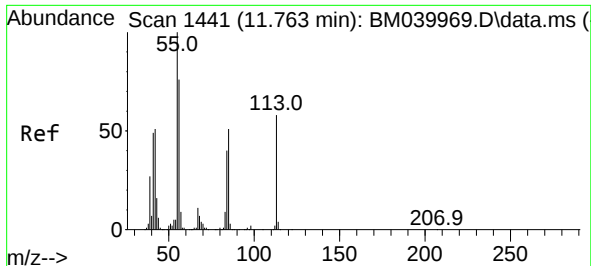
Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023



#34
Hexachlorobutadiene
Concen: 39.583 ng
RT: 11.145 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

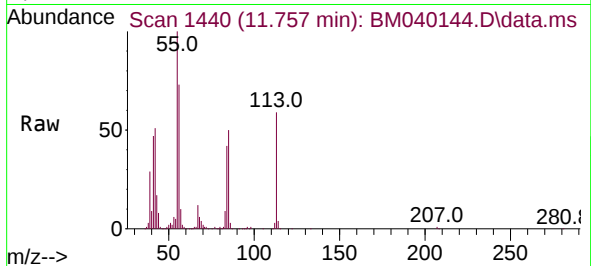
Tgt Ion:225 Resp: 372365
Ion Ratio Lower Upper
225 100
223 61.5 50.3 75.5
227 64.5 51.0 76.4





#35
Caprolactam
Concen: 59.250 ng m
RT: 11.757 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

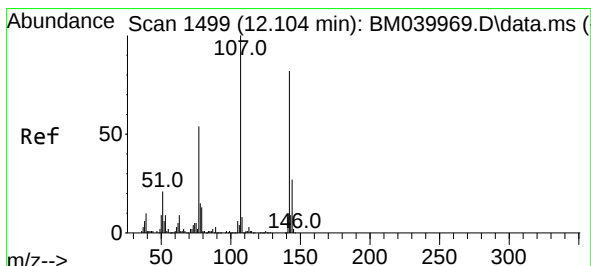
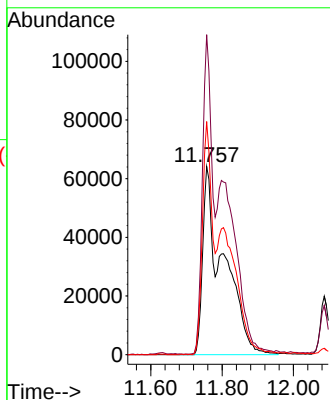
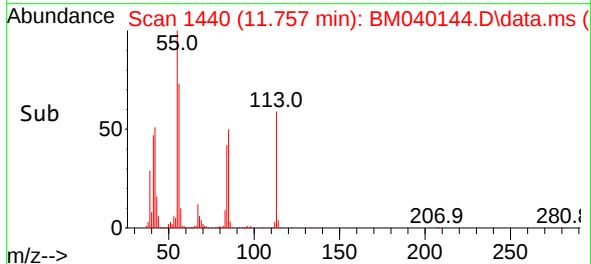
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS



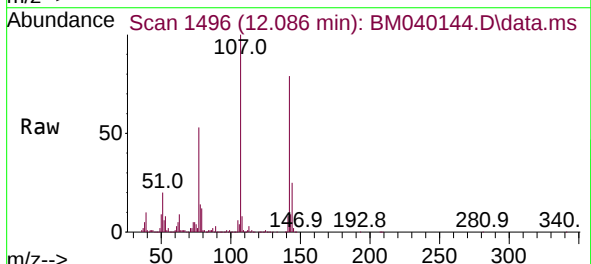
Tgt Ion:113 Resp: 25613
Ion Ratio Lower Upper
113 100
55 170.1 152.5 192.5
56 123.9 111.2 151.2

Manual Integrations
APPROVED

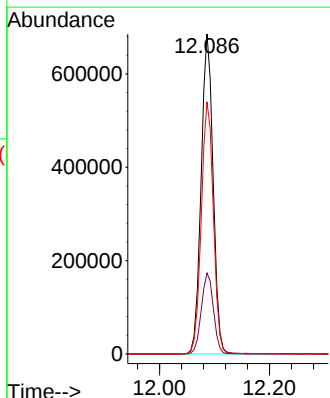
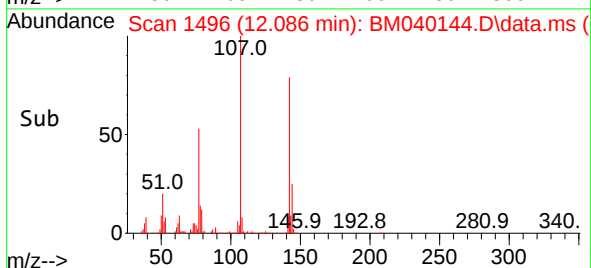
Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023

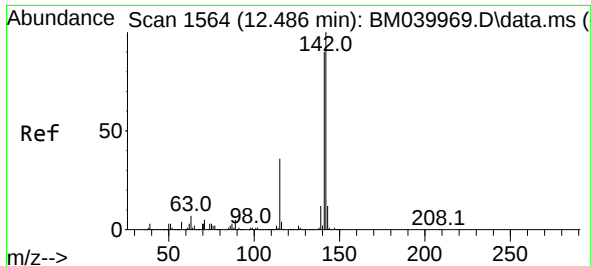


#36
4-Chloro-3-methylphenol
Concen: 65.441 ng
RT: 12.086 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45



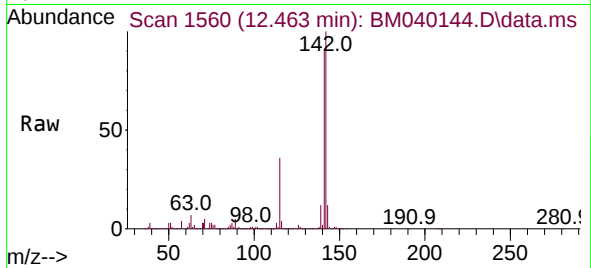
Tgt Ion:107 Resp: 1035503
Ion Ratio Lower Upper
107 100
144 25.3 21.4 32.2
142 78.8 65.8 98.6





#37
2-Methylnaphthalene
Concen: 51.422 ng
RT: 12.463 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

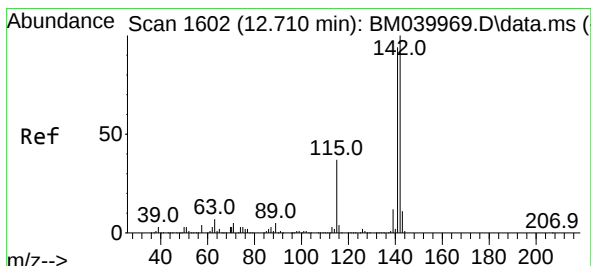
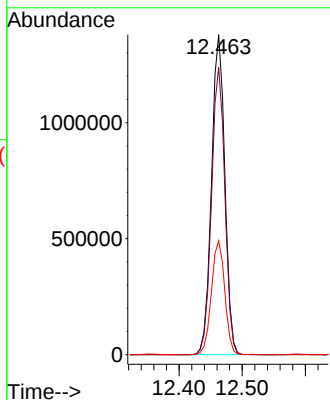
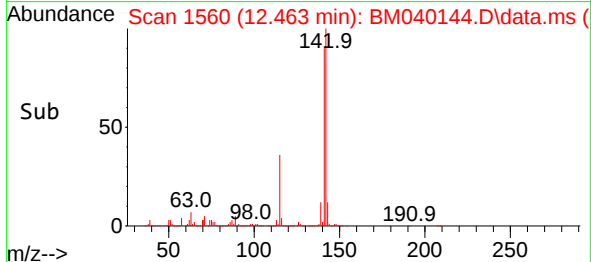
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS



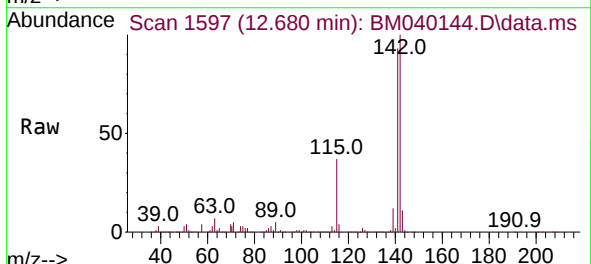
Tgt Ion:142 Resp: 201692
Ion Ratio Lower Upper
142 100
141 89.8 71.6 107.4
115 35.6 28.8 43.2

Manual Integrations
APPROVED

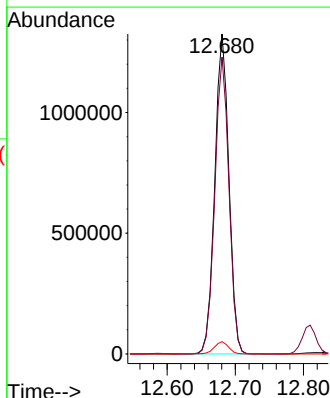
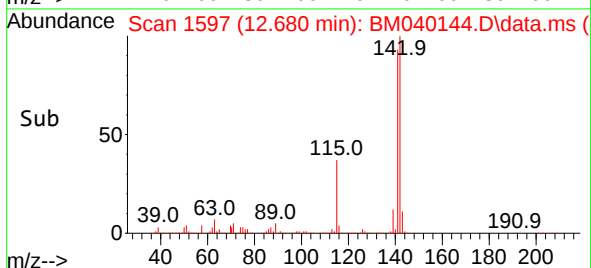
Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023

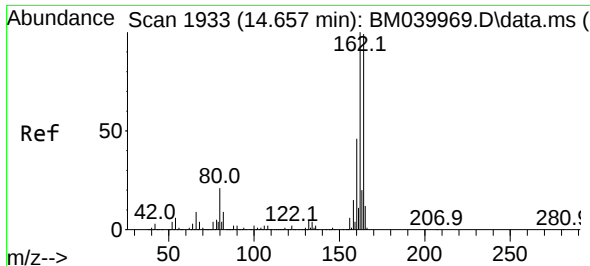


#38
1-Methylnaphthalene
Concen: 51.928 ng
RT: 12.680 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45



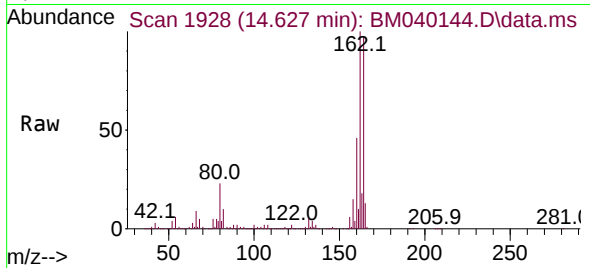
Tgt Ion:142 Resp: 1906554
Ion Ratio Lower Upper
142 100
141 92.8 75.1 112.7
116 3.9 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

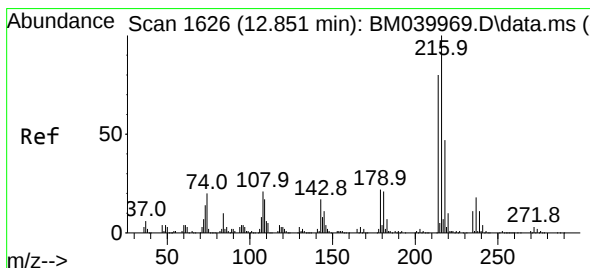
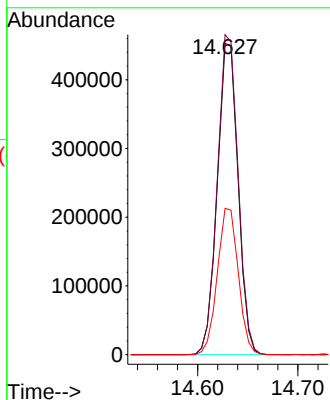
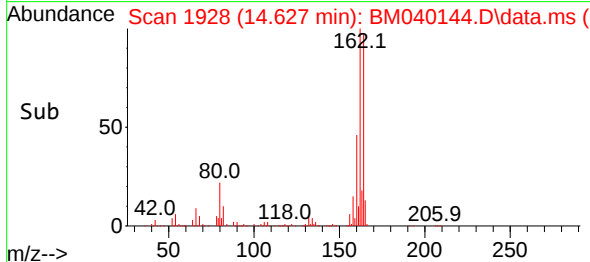
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS



Tgt Ion:164 Resp: 650748
Ion Ratio Lower Upper
164 100
162 102.8 80.6 120.8
160 47.1 36.7 55.1

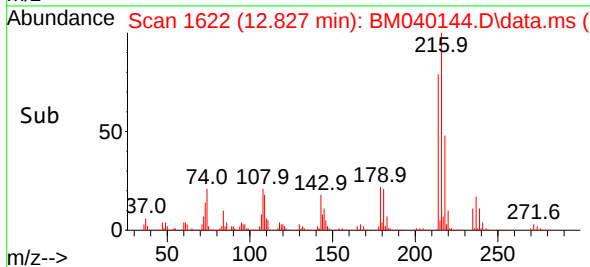
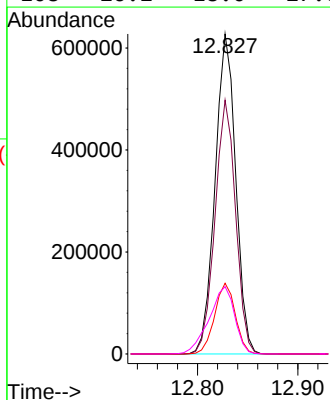
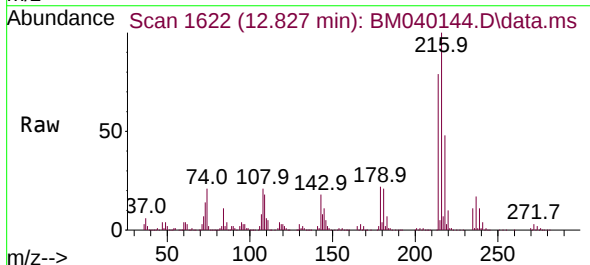
Manual Integrations
APPROVED

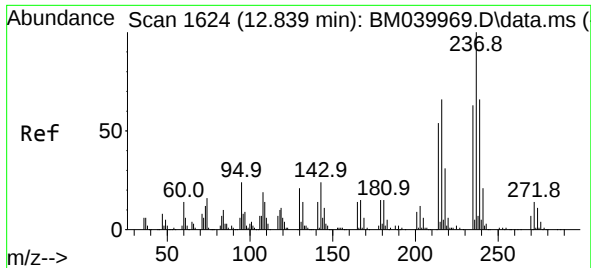
Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.419 ng
RT: 12.827 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

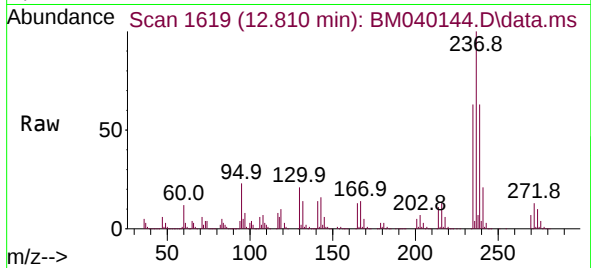
Tgt Ion:216 Resp: 893662
Ion Ratio Lower Upper
216 100
214 79.2 63.8 95.6
179 22.2 17.4 26.2
108 26.2 18.0 27.0





#41
Hexachlorocyclopentadiene
Concen: 106.405 ng
RT: 12.810 min Scan# 1619
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

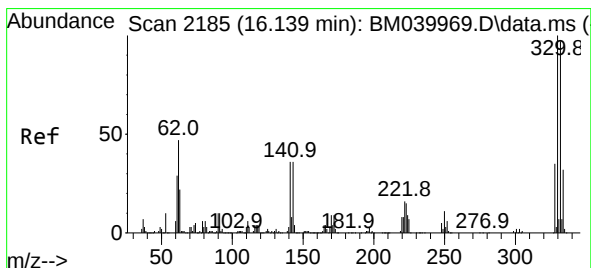
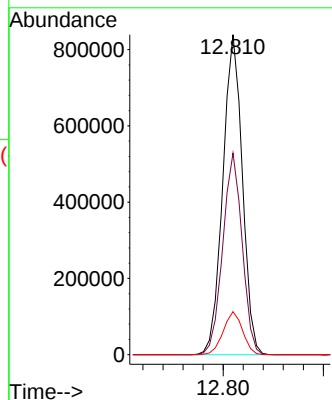
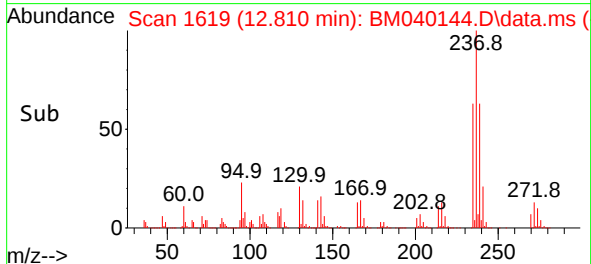
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS



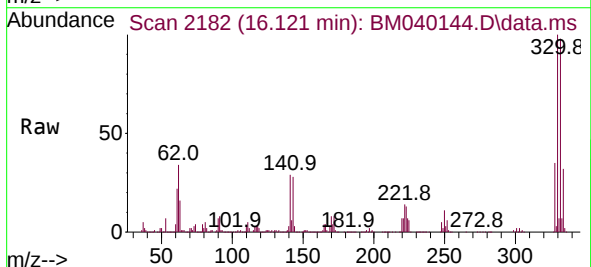
Tgt Ion:237 Resp: 1132930
Ion Ratio Lower Upper
237 100
235 63.0 43.2 83.2
272 13.5 0.0 33.6

Manual Integrations
APPROVED

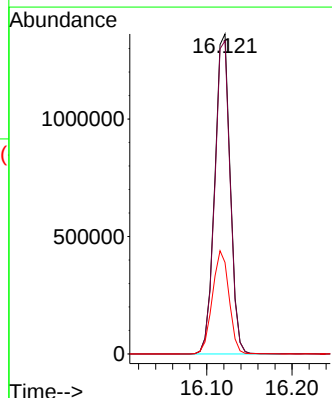
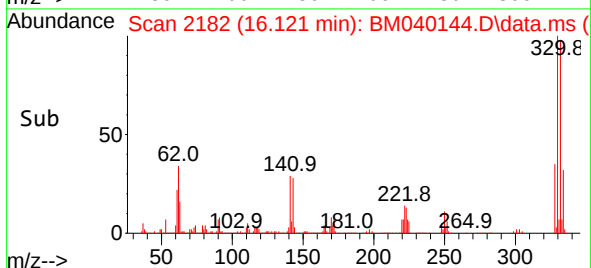
Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023

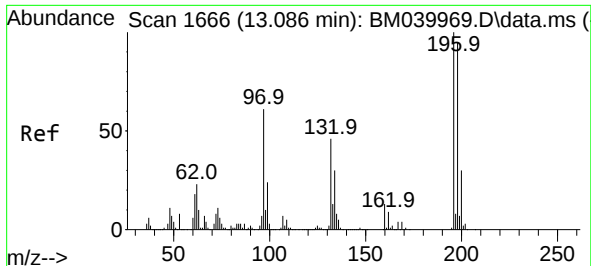


#42
2,4,6-Tribromophenol
Concen: 203.118 ng
RT: 16.121 min Scan# 2182
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45



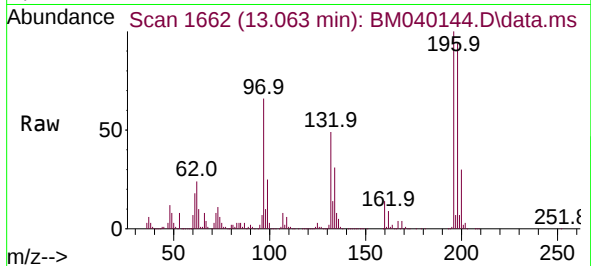
Tgt Ion:330 Resp: 1715572
Ion Ratio Lower Upper
330 100
332 97.8 77.4 116.2
141 34.7 31.6 47.4





#43
2,4,6-Trichlorophenol
Concen: 52.246 ng
RT: 13.063 min Scan# 1662
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

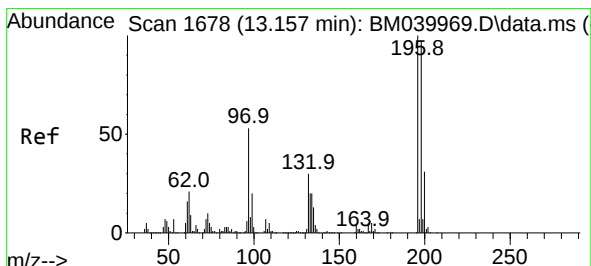
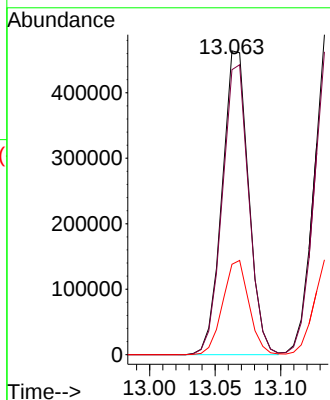
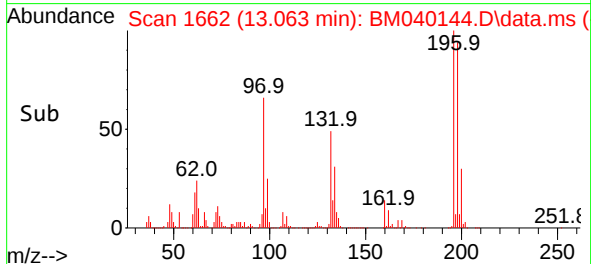
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS



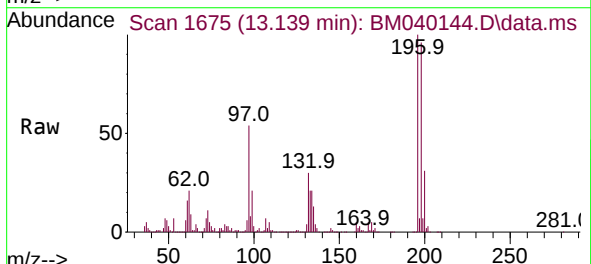
Tgt Ion:196 Resp: 65268
Ion Ratio Lower Upper
196 100
198 93.8 75.7 113.5
200 29.8 23.8 35.8

Manual Integrations
APPROVED

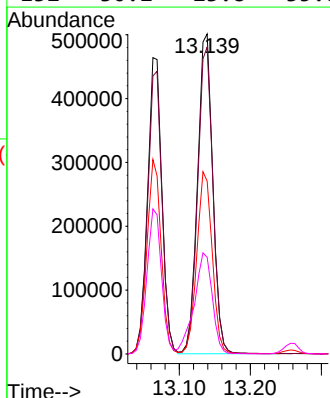
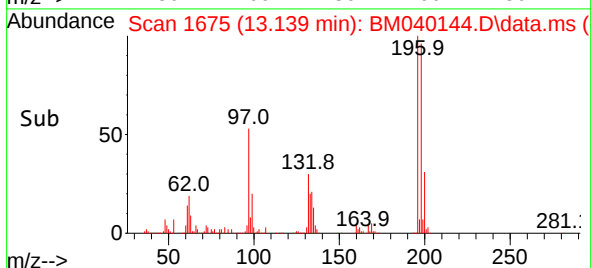
Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023

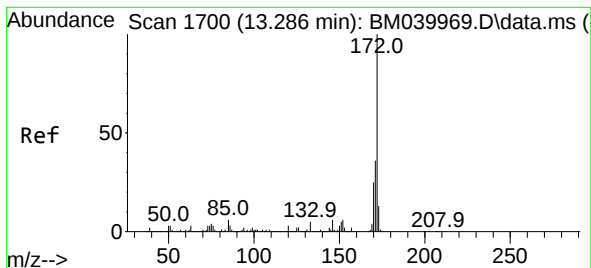


#44
2,4,5-Trichlorophenol
Concen: 50.545 ng
RT: 13.139 min Scan# 1675
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45



Tgt Ion:196 Resp: 751576
Ion Ratio Lower Upper
196 100
198 95.9 77.2 115.8
97 54.0 42.2 63.2
132 30.2 23.8 35.8





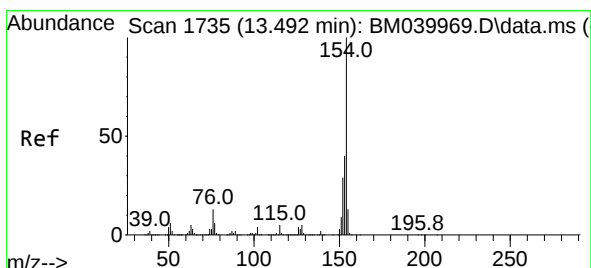
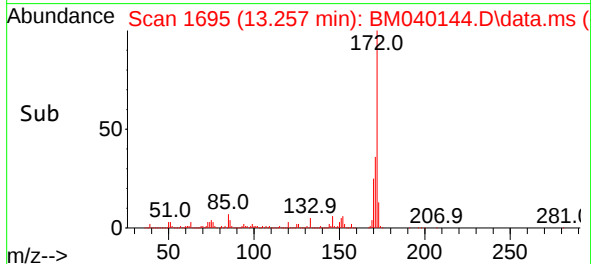
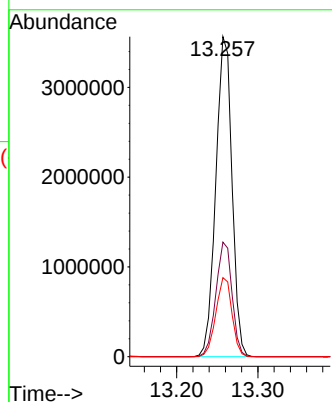
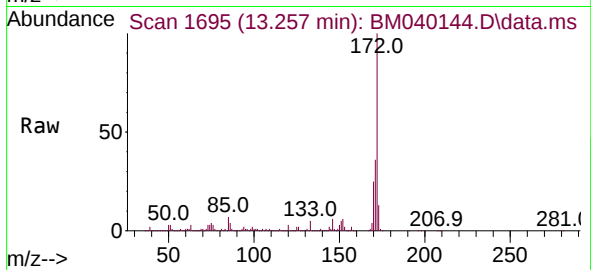
#45
2-Fluorobiphenyl
Concen: 89.523 ng
RT: 13.257 min Scan# 1700
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS

Tgt Ion:172 Resp: 493915
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 24.7 19.6 29.4

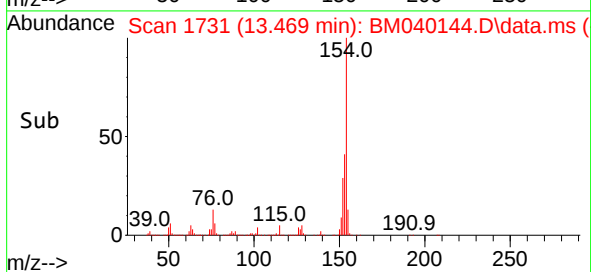
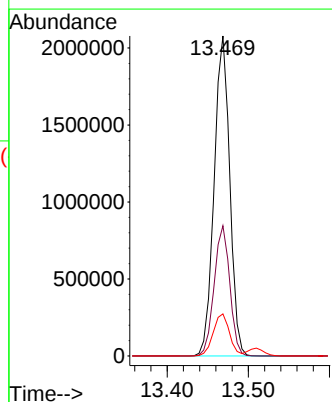
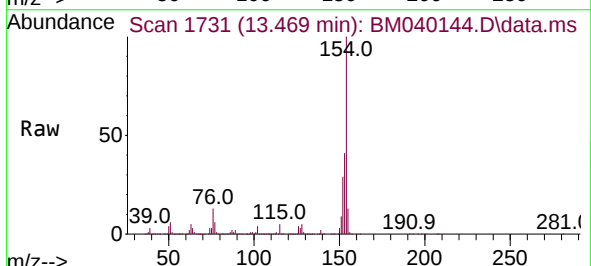
Manual Integrations
APPROVED

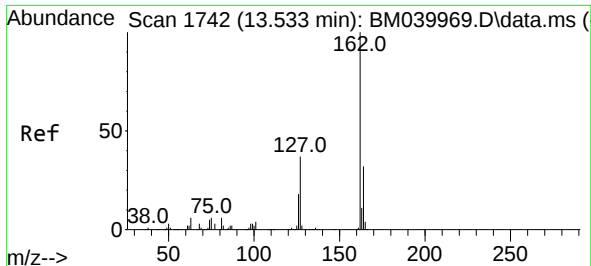
Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023



#46
1,1'-Biphenyl
Concen: 49.745 ng
RT: 13.469 min Scan# 1731
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

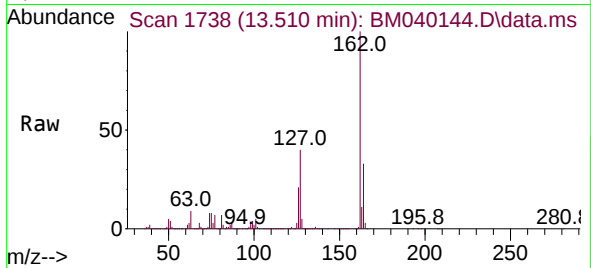
Tgt Ion:154 Resp: 2771491
Ion Ratio Lower Upper
154 100
153 40.7 20.4 60.4
76 13.1 0.0 33.1





#47
2-Chloronaphthalene
Concen: 49.828 ng
RT: 13.510 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

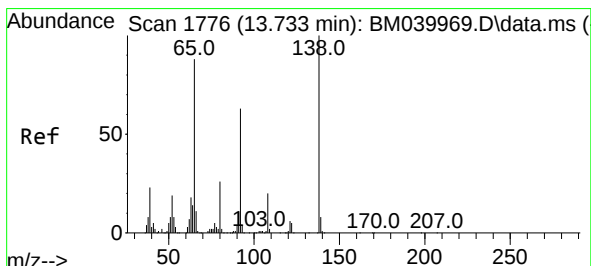
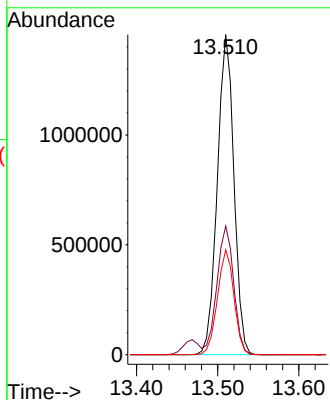
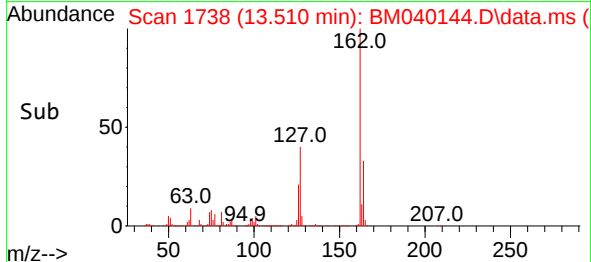
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS



Tgt Ion:162 Resp: 207223
Ion Ratio Lower Upper
162 100
127 40.2 31.3 46.9
164 32.7 25.8 38.8

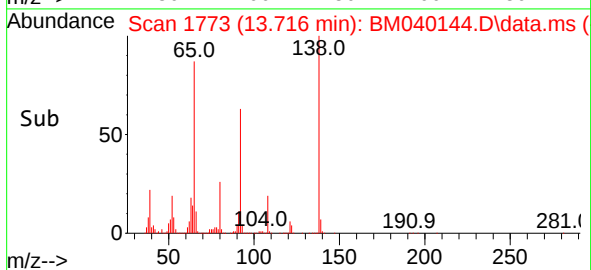
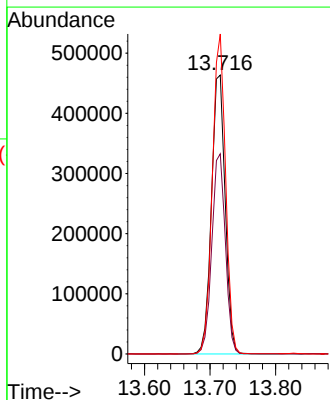
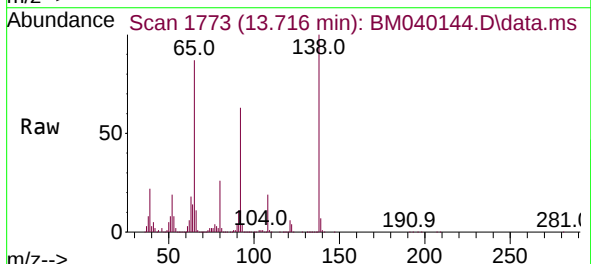
Manual Integrations
APPROVED

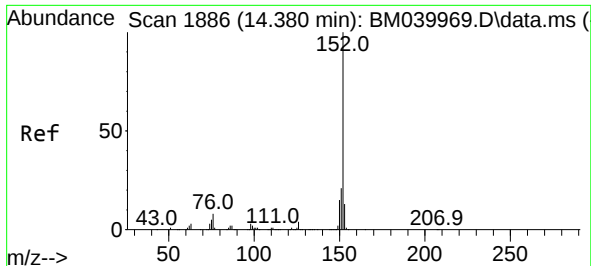
Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023



#48
2-Nitroaniline
Concen: 59.216 ng
RT: 13.716 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

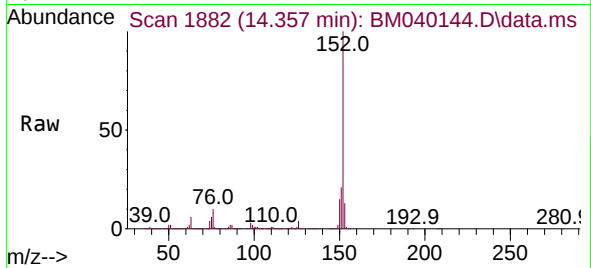
Tgt Ion: 65 Resp: 673425
Ion Ratio Lower Upper
65 100
92 71.8 57.0 85.6
138 114.8 91.1 136.7





#49
Acenaphthylene
Concen: 53.098 ng
RT: 14.357 min Scan# 1882
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

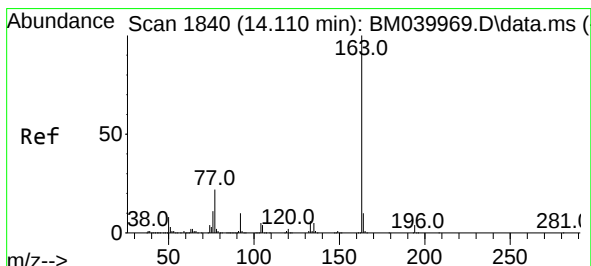
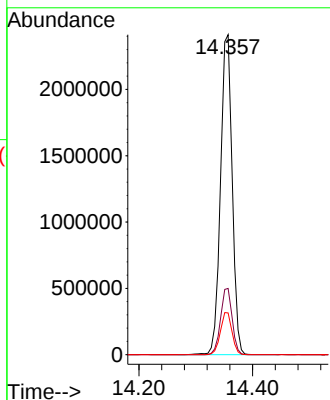
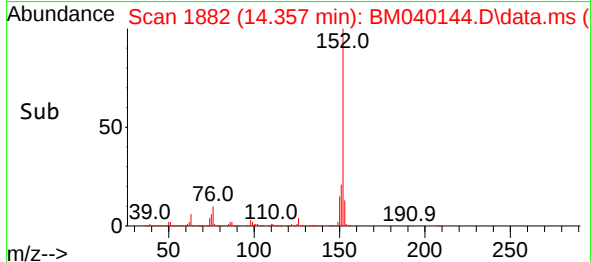
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS



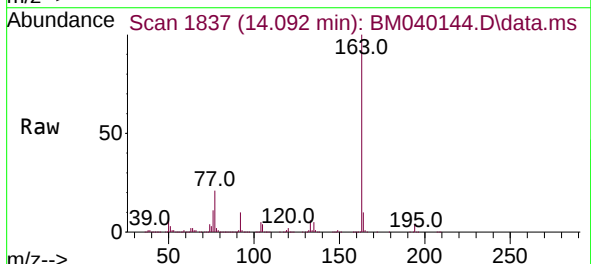
Tgt Ion:152 Resp: 345690
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6
153 13.1 10.3 15.5

Manual Integrations
APPROVED

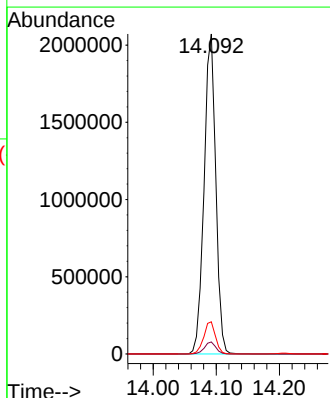
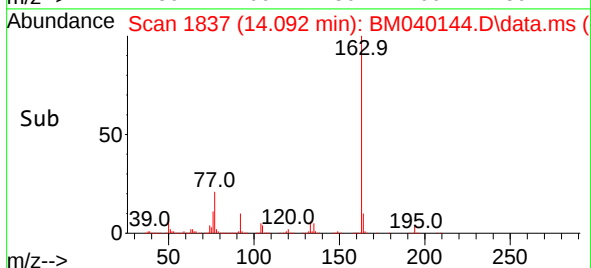
Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023

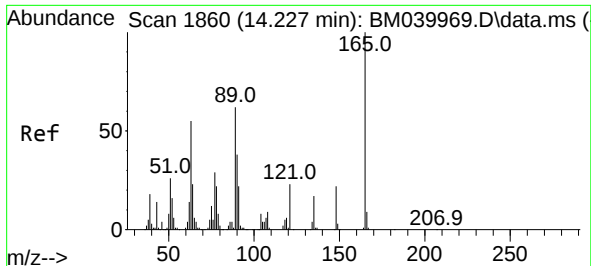


#50
Dimethylphthalate
Concen: 54.375 ng
RT: 14.092 min Scan# 1837
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45



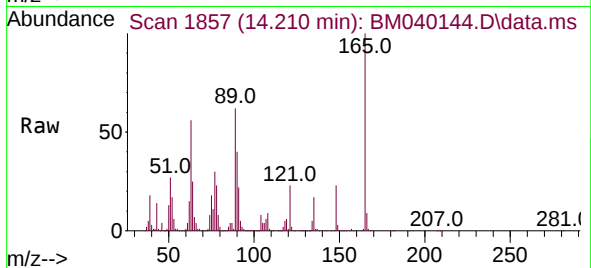
Tgt Ion:163 Resp: 2667408
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.0 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 58.883 ng
RT: 14.210 min Scan# 1857
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

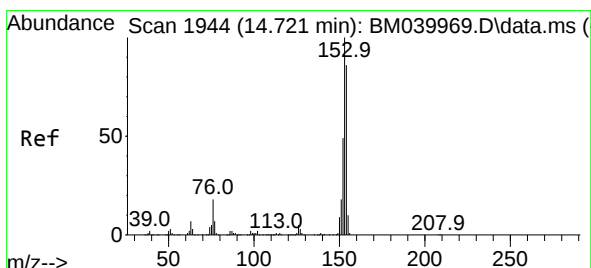
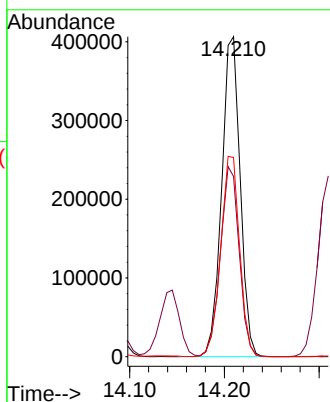
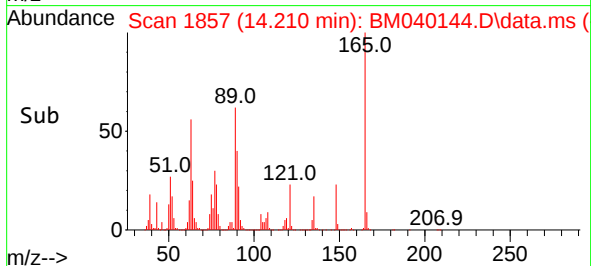
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS



Tgt Ion:165 Resp: 552580
Ion Ratio Lower Upper
165 100
63 56.3 45.3 67.9
89 62.3 49.5 74.3

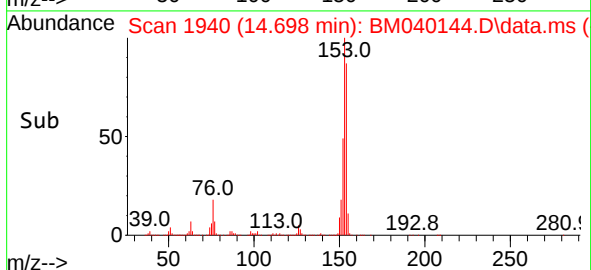
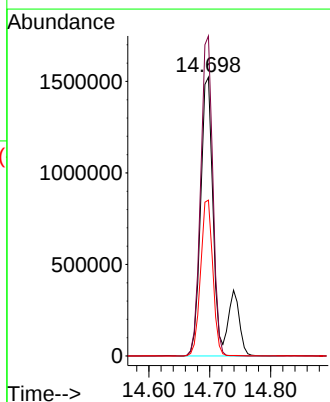
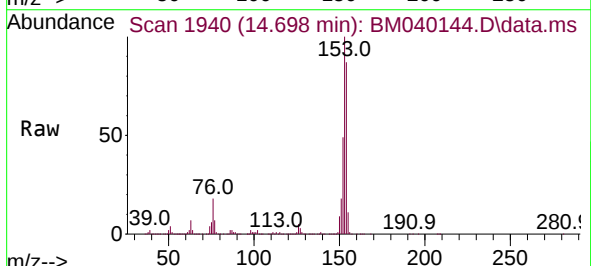
Manual Integrations
APPROVED

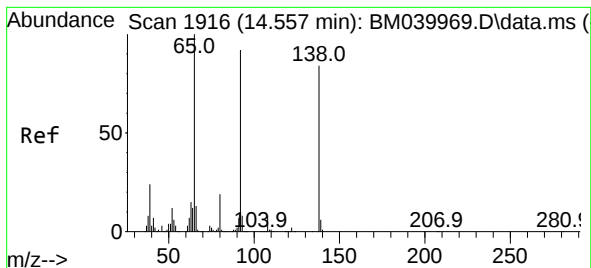
Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023



#52
Acenaphthene
Concen: 60.428 ng m
RT: 14.698 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

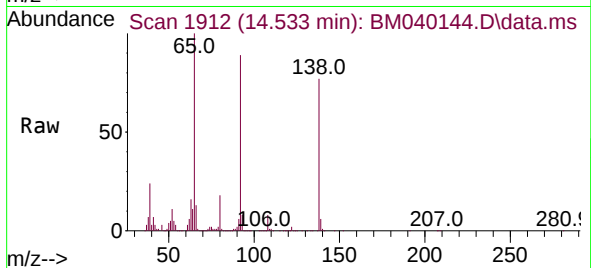
Tgt Ion:154 Resp: 2570516
Ion Ratio Lower Upper
154 100
153 114.8 92.6 139.0
152 55.9 45.5 68.3





#53
3-Nitroaniline
Concen: 33.241 ng
RT: 14.533 min Scan# 1912
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

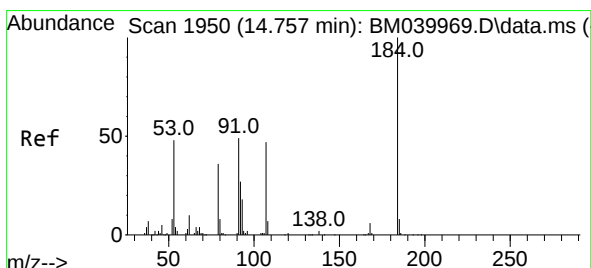
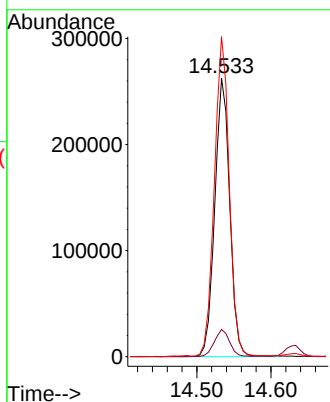
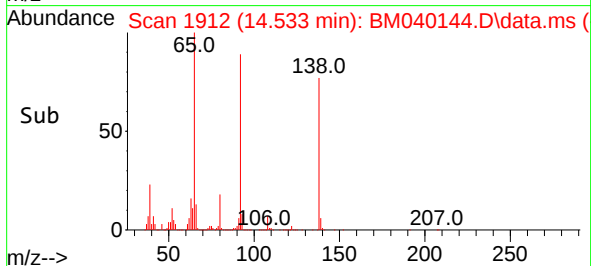
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS



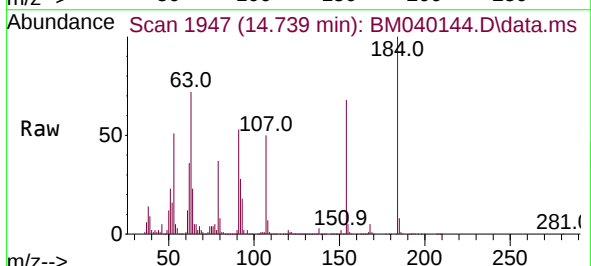
Tgt Ion:138 Resp: 369030
Ion Ratio Lower Upper
138 100
108 9.8 7.8 11.6
92 114.9 87.7 131.5

Manual Integrations
APPROVED

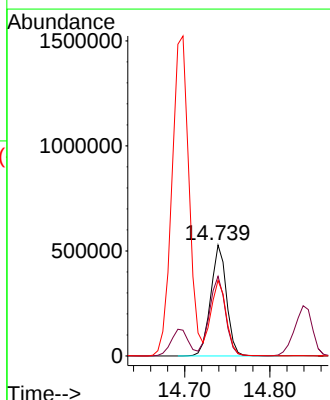
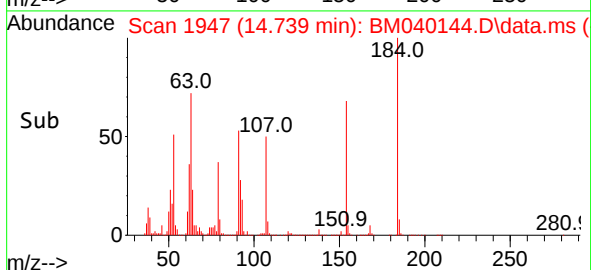
Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023

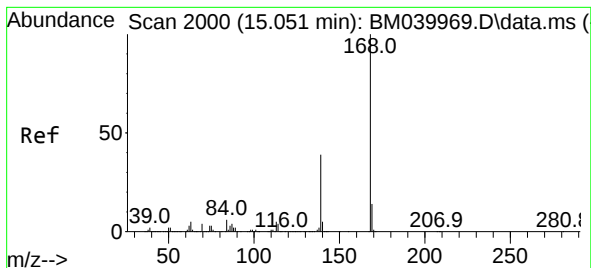


#54
2,4-Dinitrophenol
Concen: 125.501 ng
RT: 14.739 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45



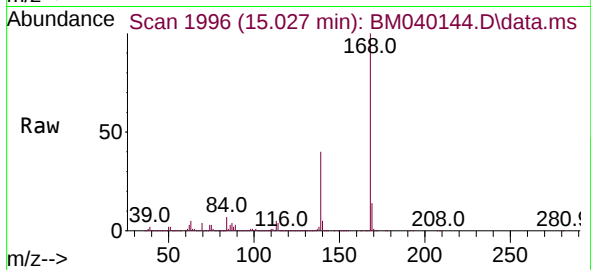
Tgt Ion:184 Resp: 681992
Ion Ratio Lower Upper
184 100
63 71.8 53.0 79.4
154 68.1 54.4 81.6





#55
Dibenzofuran
Concen: 54.037 ng
RT: 15.027 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

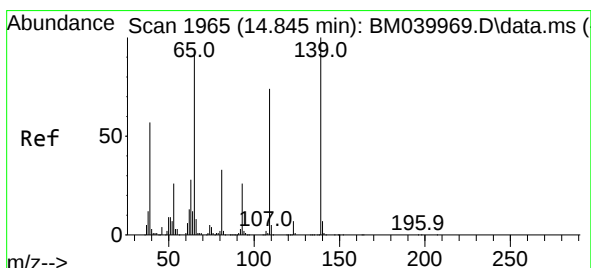
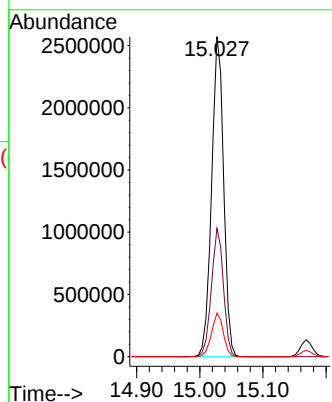
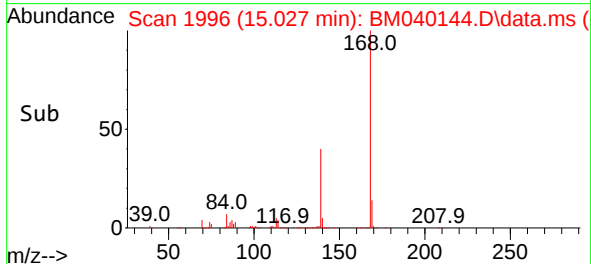
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS



Tgt Ion:168 Resp: 339333
Ion Ratio Lower Upper
168 100
139 40.1 31.5 47.3
169 13.6 10.9 16.3

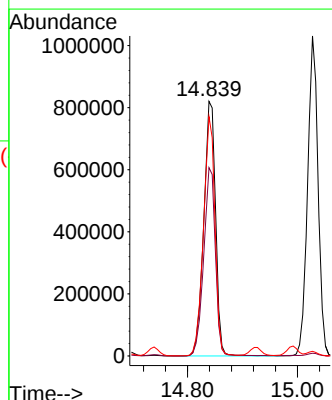
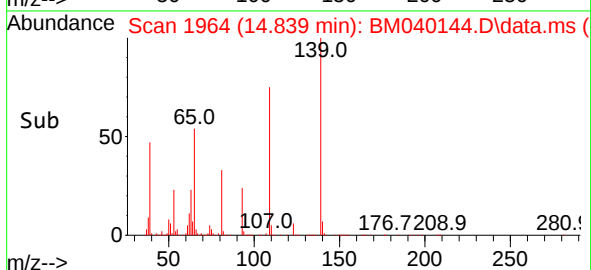
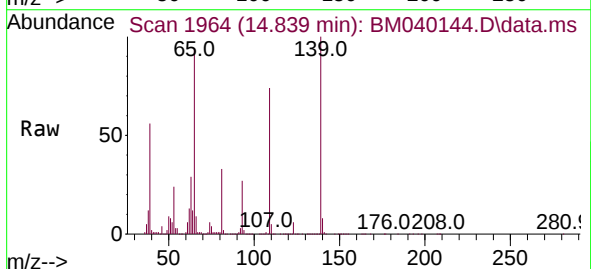
Manual Integrations
APPROVED

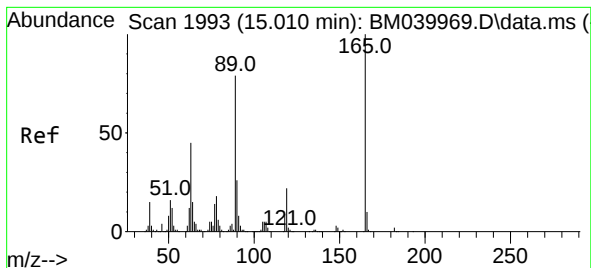
Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023



#56
4-Nitrophenol
Concen: 142.221 ng
RT: 14.839 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

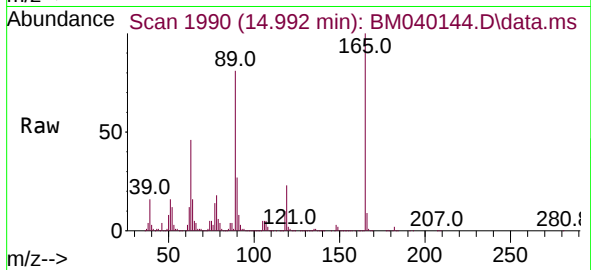
Tgt Ion:139 Resp: 1221337
Ion Ratio Lower Upper
139 100
109 74.0 53.9 93.9
65 94.0 72.6 112.6





#57
2,4-Dinitrotoluene
Concen: 58.304 ng
RT: 14.992 min Scan# 1993
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

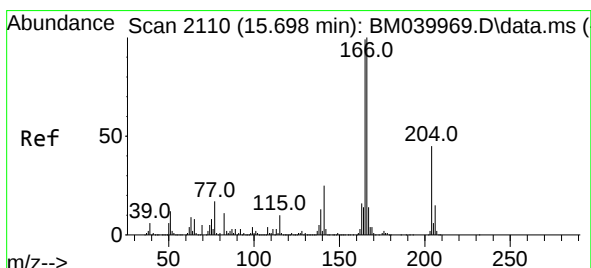
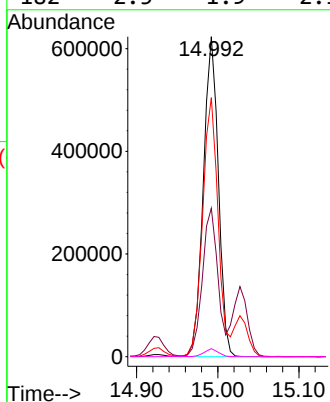
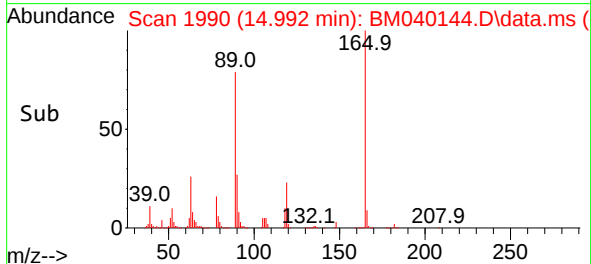
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS



Tgt Ion:165 Resp: 799590
Ion Ratio Lower Upper
165 100
63 46.4 36.2 54.2
89 81.0 63.4 95.0
182 2.5 1.9 2.9

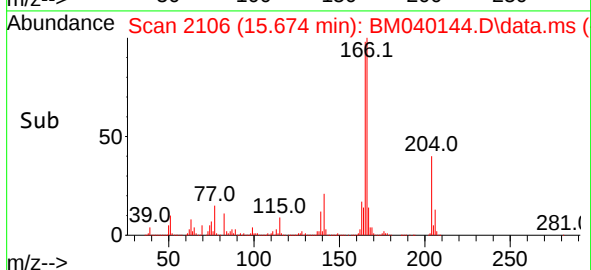
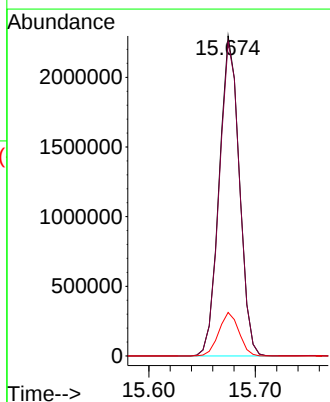
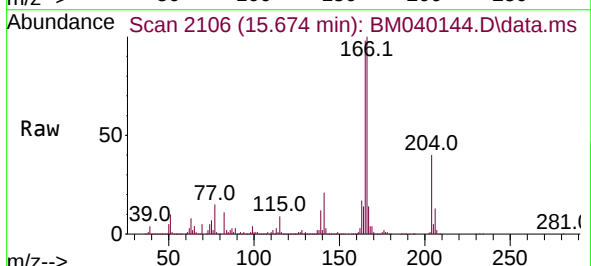
Manual Integrations
APPROVED

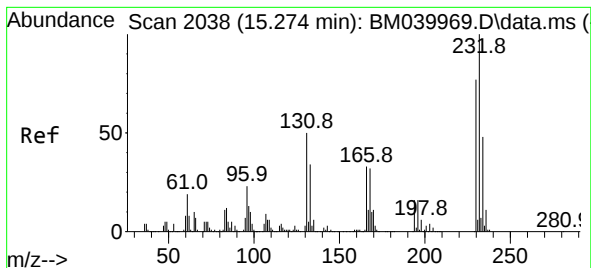
Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023



#58
Fluorene
Concen: 57.600 ng
RT: 15.674 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

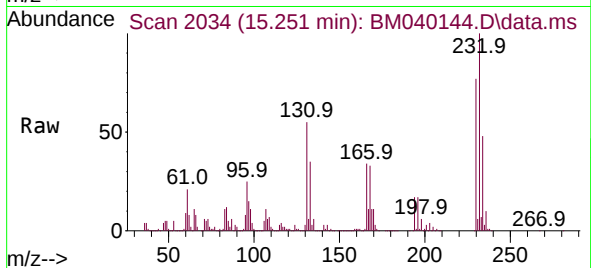
Tgt Ion:166 Resp: 3006824
Ion Ratio Lower Upper
166 100
165 98.1 79.5 119.3
167 13.6 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 59.451 ng
RT: 15.251 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

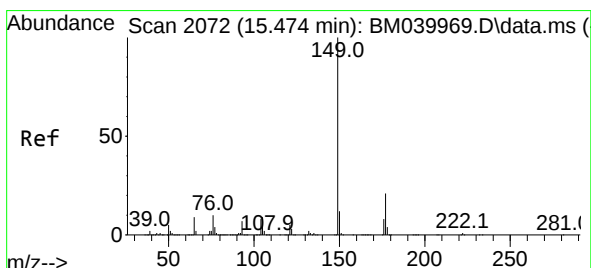
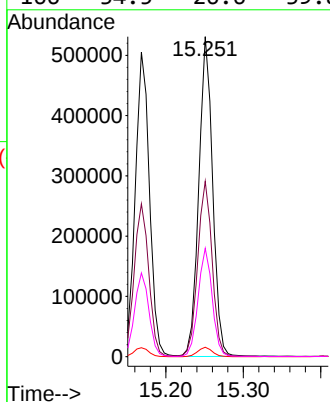
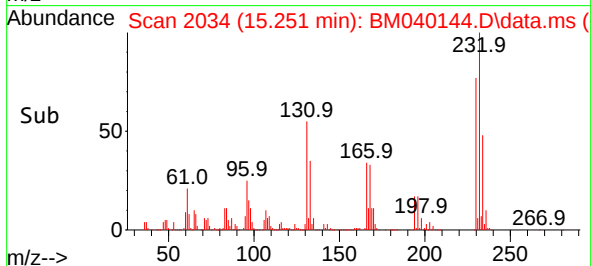
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS



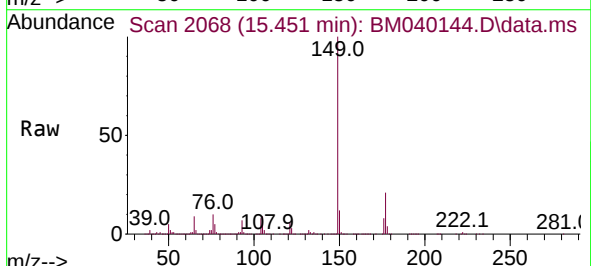
Tgt Ion:232 Resp: 65741
Ion Ratio Lower Upper
232 100
131 57.4 42.8 64.2
130 3.1 2.3 3.5
166 34.5 26.6 39.8

Manual Integrations
APPROVED

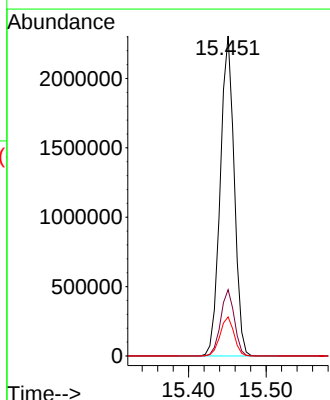
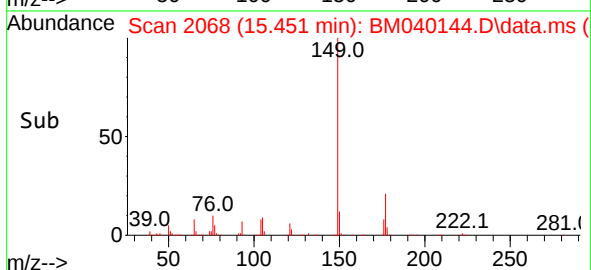
Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023

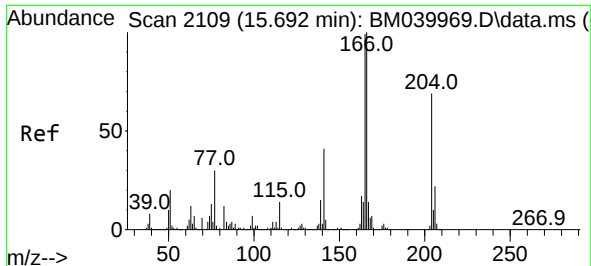


#60
Diethylphthalate
Concen: 59.561 ng
RT: 15.451 min Scan# 2068
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45



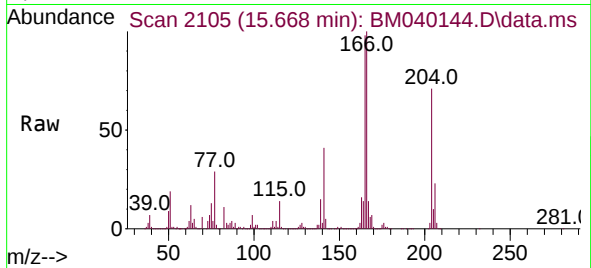
Tgt Ion:149 Resp: 2888037
Ion Ratio Lower Upper
149 100
177 20.7 16.8 25.2
150 12.2 9.5 14.3





#61
4-Chlorophenyl-phenylether
Concen: 54.078 ng
RT: 15.668 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

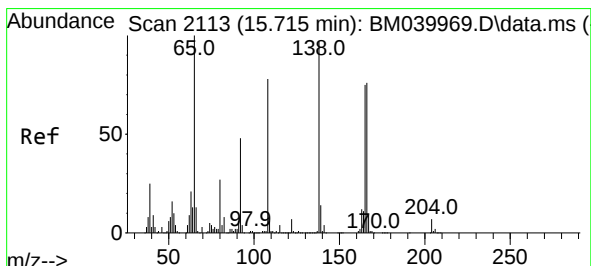
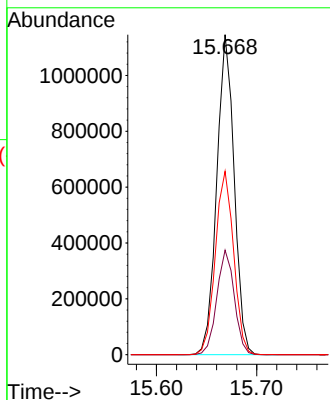
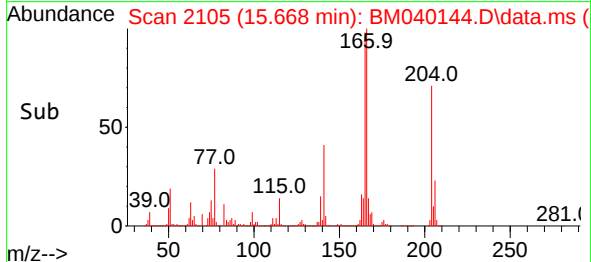
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS



Tgt Ion:204 Resp: 1381154
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.8
141 57.3 46.9 70.3

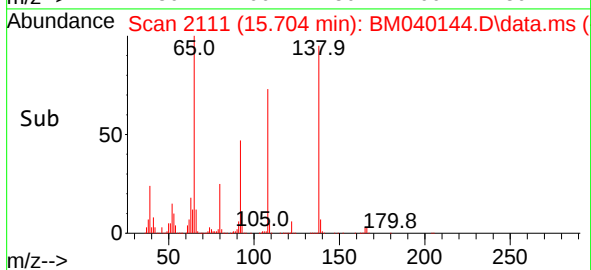
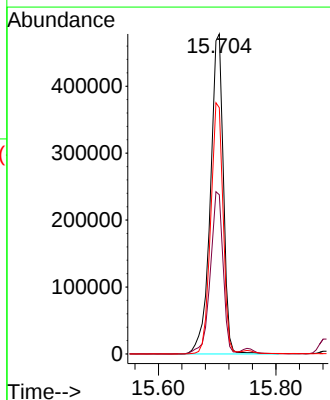
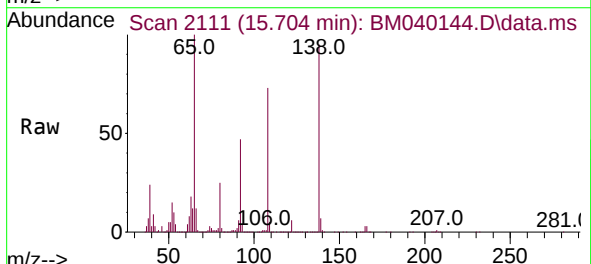
Manual Integrations
APPROVED

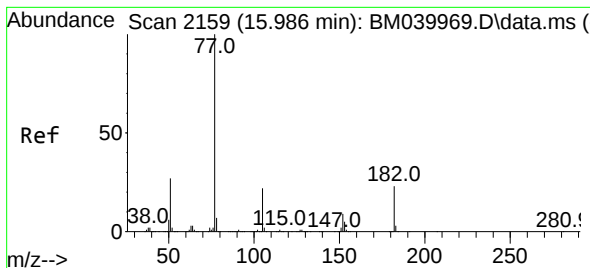
Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023



#62
4-Nitroaniline
Concen: 63.641 ng
RT: 15.704 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

Tgt Ion:138 Resp: 735793
Ion Ratio Lower Upper
138 100
92 49.8 29.1 69.1
108 77.0 60.0 100.0





#63

Azobenzene

Concen: 60.326 ng

RT: 15.963 min Scan# 2155

Delta R.T. -0.000 min

Lab File: BM040144.D

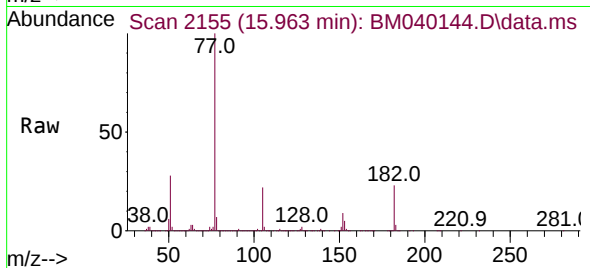
Acq: 07 Jun 2023 16:45

Instrument :

BNA_M

ClientSampleId :

PL-STONE-0602MS



Tgt Ion: 77 Resp: 2916329

Ion Ratio Lower Upper

77 100

182 22.7 2.9 42.9

105 21.7 1.5 41.5

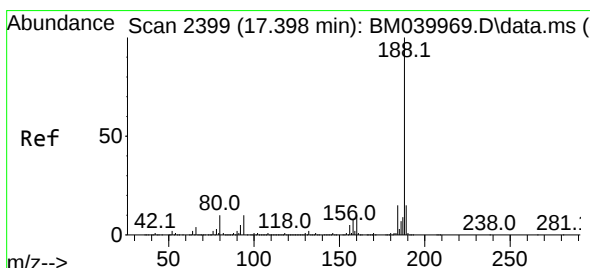
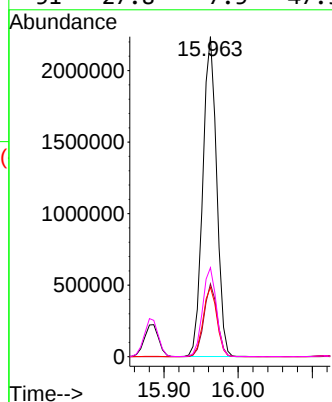
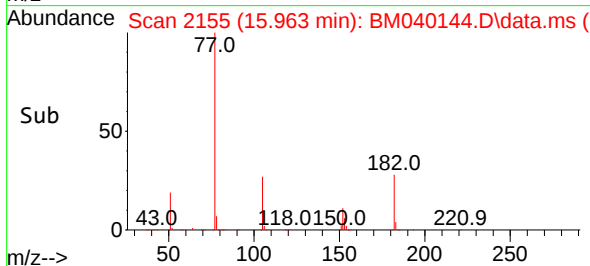
51 27.8 7.5 47.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2023

Supervised By :mohammad ahmed 06/08/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.374 min Scan# 2395

Delta R.T. -0.000 min

Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

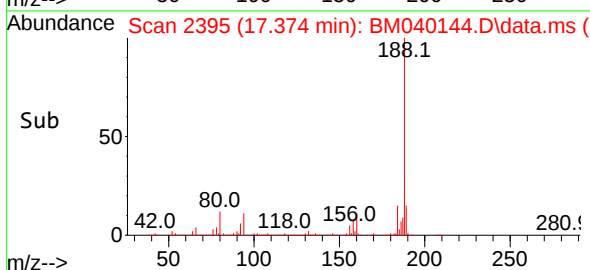
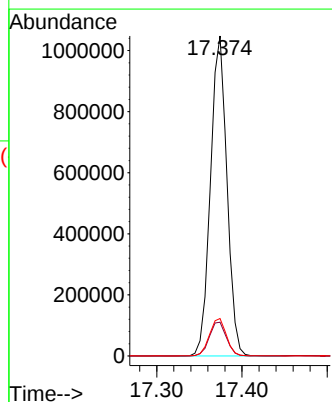
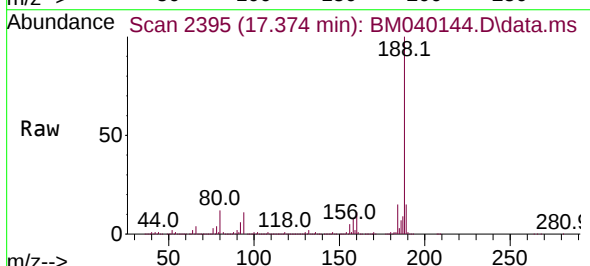
Tgt Ion:188 Resp: 1406087

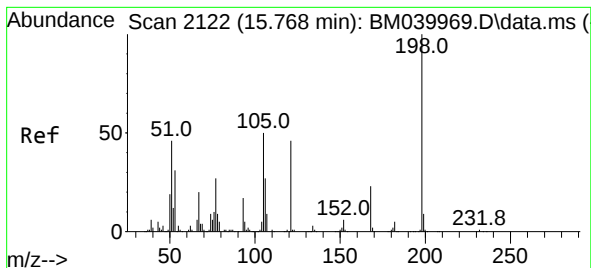
Ion Ratio Lower Upper

188 100

94 10.6 7.8 11.8

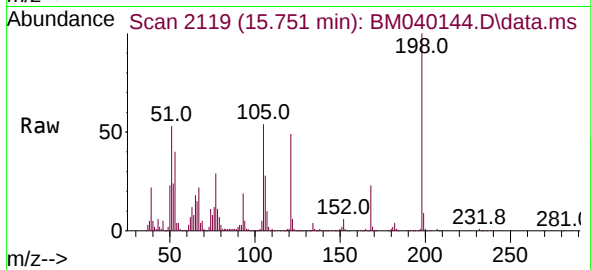
80 11.7 8.2 12.4





#65
4,6-Dinitro-2-methylphenol
Concen: 53.040 ng
RT: 15.751 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

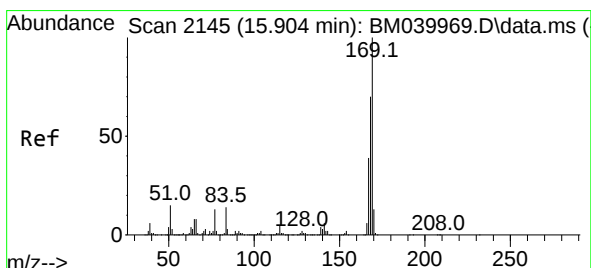
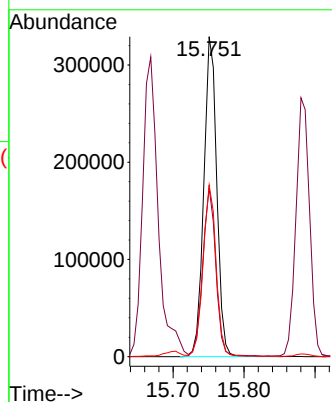
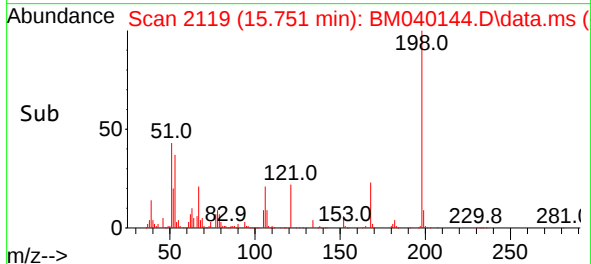
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS



Tgt Ion:198 Resp: 41869
Ion Ratio Lower Upper
198 100
51 52.8 29.9 69.9
105 53.6 30.4 70.4

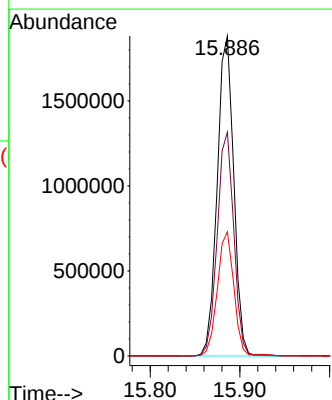
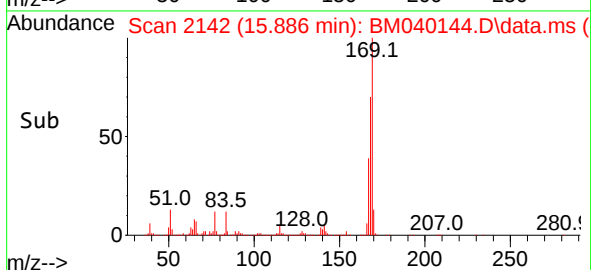
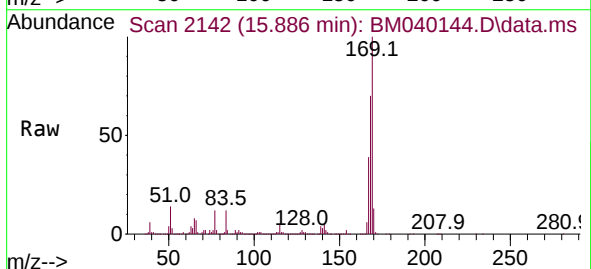
Manual Integrations
APPROVED

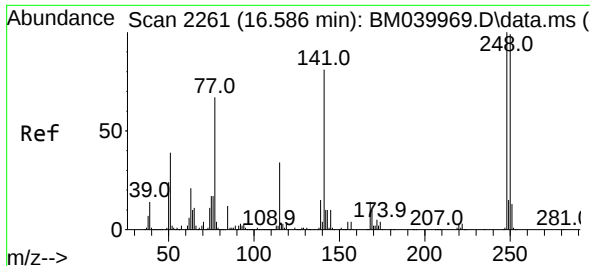
Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023



#66
n-Nitrosodiphenylamine
Concen: 49.672 ng
RT: 15.886 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

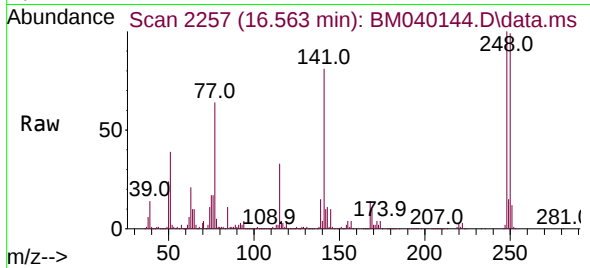
Tgt Ion:169 Resp: 2401850
Ion Ratio Lower Upper
169 100
168 69.9 56.0 84.0
167 38.8 31.0 46.6





#67
4-Bromophenyl-phenylether
Concen: 47.145 ng
RT: 16.563 min Scan# 211
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

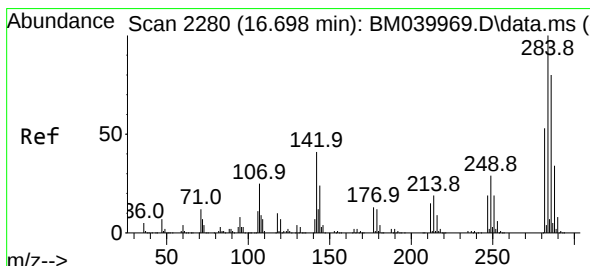
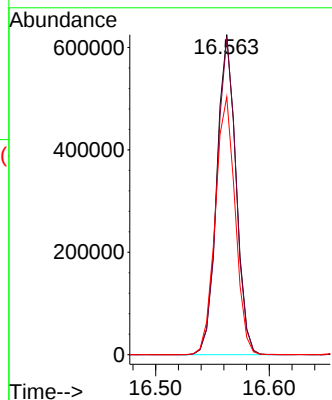
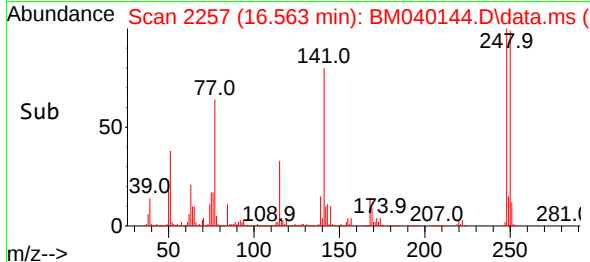
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS



Tgt Ion:248 Resp: 732469
Ion Ratio Lower Upper
248 100
250 99.1 79.4 119.0
141 80.6 64.8 97.2

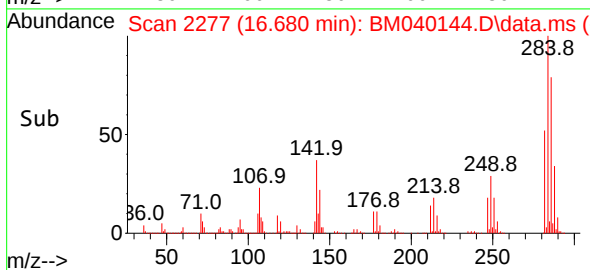
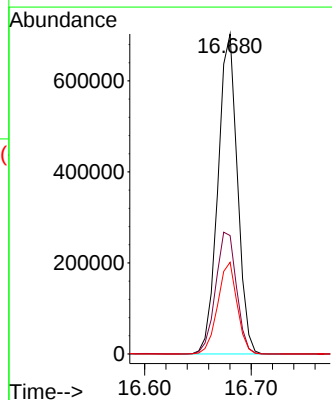
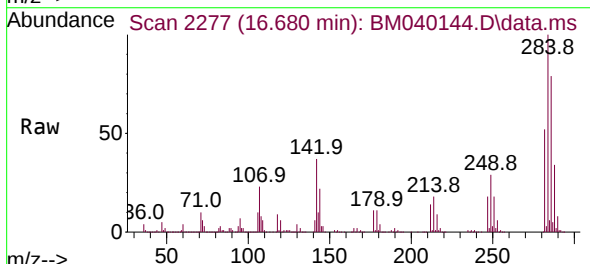
Manual Integrations
APPROVED

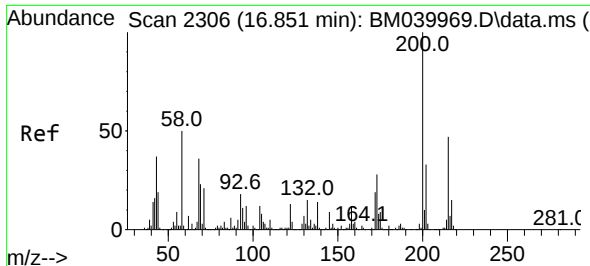
Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023



#68
Hexachlorobenzene
Concen: 50.121 ng
RT: 16.680 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

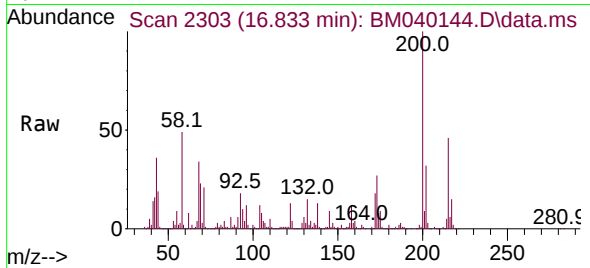
Tgt Ion:284 Resp: 889896
Ion Ratio Lower Upper
284 100
142 37.0 32.4 48.6
249 28.6 23.4 35.2





#69
 Atrazine
 Concen: 43.797 ng
 RT: 16.833 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM040144.D
 Acq: 07 Jun 2023 16:45

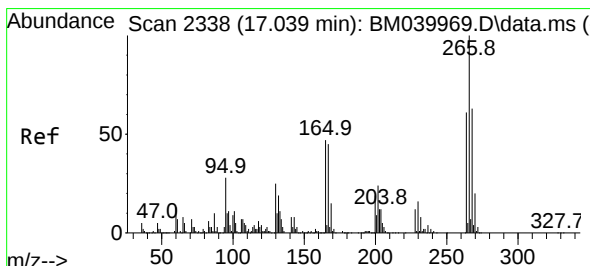
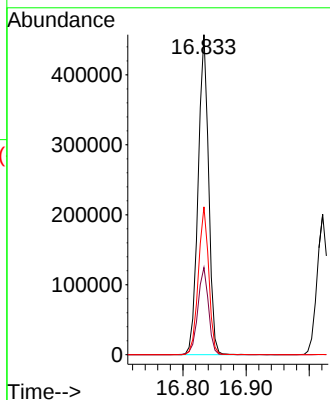
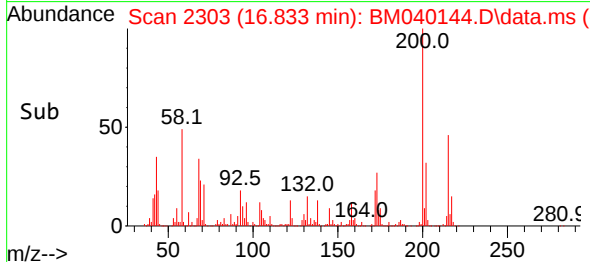
Instrument :
 BNA_M
 ClientSampleId :
 PL-STONE-0602MS



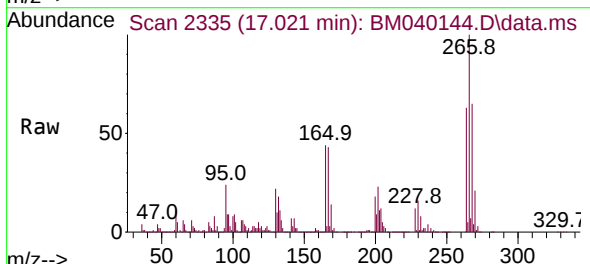
Tgt Ion:200 Resp: 526768
 Ion Ratio Lower Upper
 200 100
 173 27.3 7.7 47.7
 215 46.2 27.5 67.5

Manual Integrations
 APPROVED

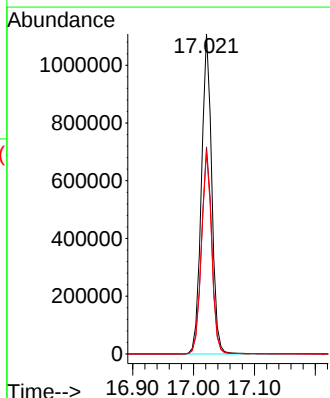
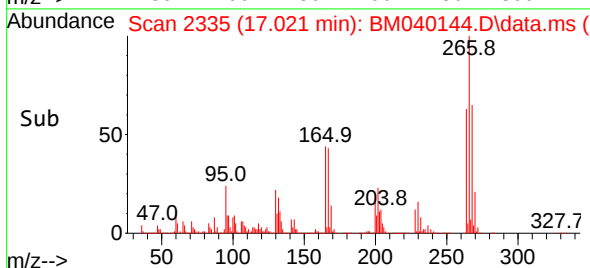
Reviewed By :Yogesh Patel 06/08/2023
 Supervised By :mohammad ahmed 06/08/2023

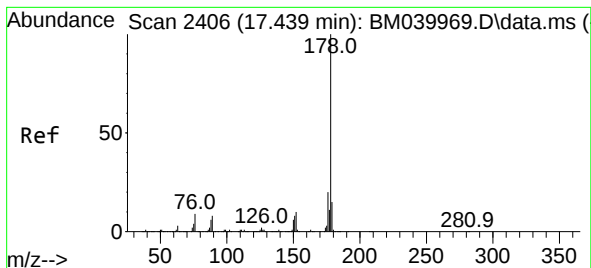


#70
 Pentachlorophenol
 Concen: 111.333 ng
 RT: 17.021 min Scan# 2335
 Delta R.T. -0.000 min
 Lab File: BM040144.D
 Acq: 07 Jun 2023 16:45



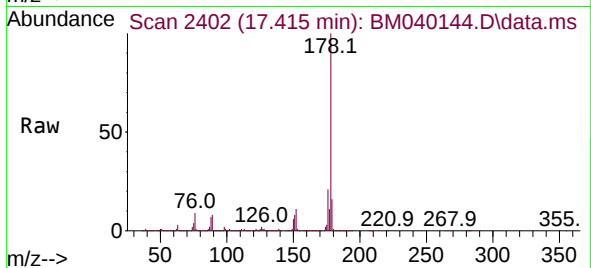
Tgt Ion:266 Resp: 1297628
 Ion Ratio Lower Upper
 266 100
 268 64.7 50.2 75.4
 264 63.2 49.0 73.6





#71
Phenanthrene
Concen: 52.664 ng
RT: 17.415 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

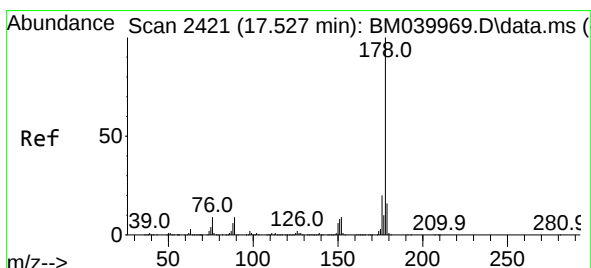
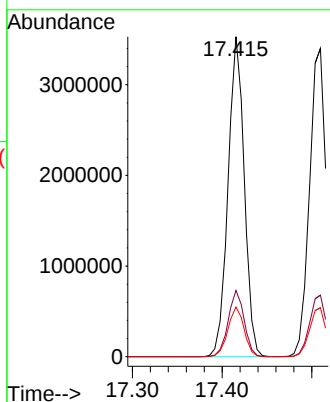
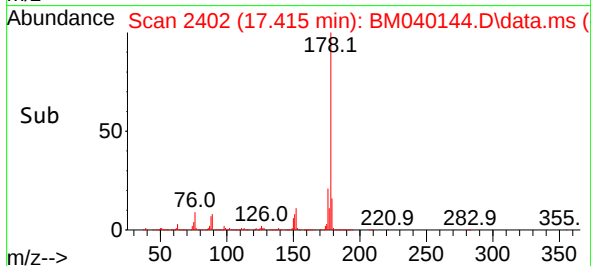
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS



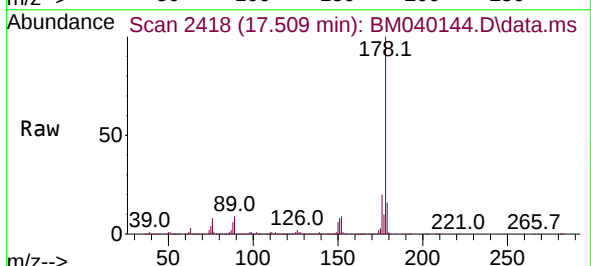
Tgt Ion:178 Resp: 4429240
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.2
179 15.5 12.2 18.4

Manual Integrations
APPROVED

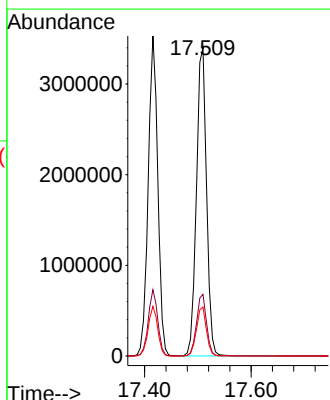
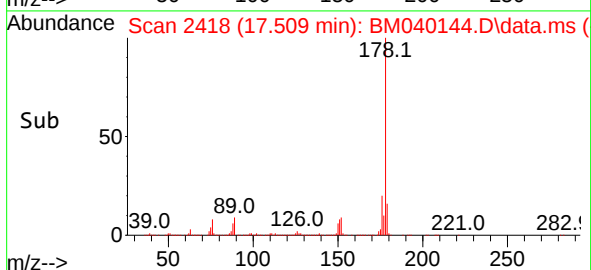
Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023

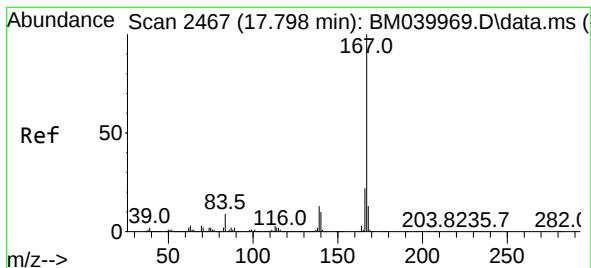


#72
Anthracene
Concen: 53.880 ng
RT: 17.509 min Scan# 2418
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45



Tgt Ion:178 Resp: 4489831
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.6
179 15.9 12.5 18.7





#73

Carbazole

Concen: 58.091 ng

RT: 17.774 min Scan# 2463

Delta R.T. -0.006 min

Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

Instrument :

BNA_M

ClientSampleId :

PL-STONE-0602MS

Tgt Ion:167 Resp: 437343

Ion Ratio Lower Upper

167 100

166 22.4 17.8 26.8

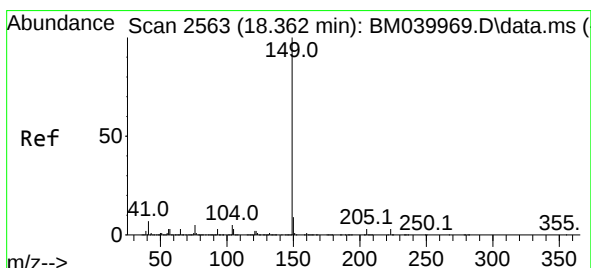
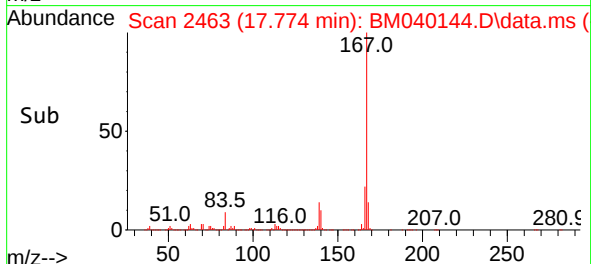
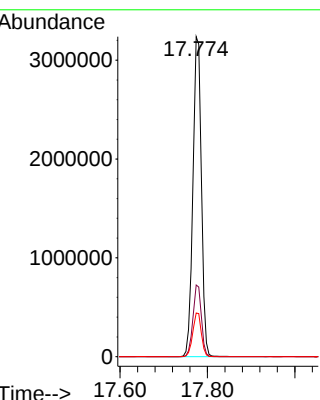
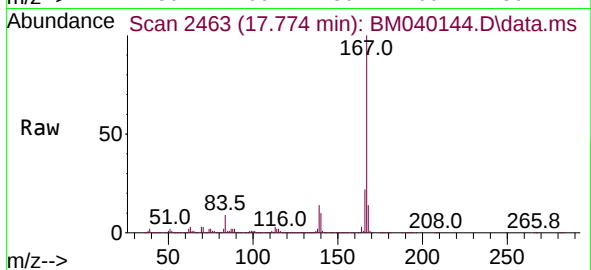
139 13.7 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2023

Supervised By :mohammad ahmed 06/08/2023



#74

Di-n-butylphthalate

Concen: 52.229 ng

RT: 18.339 min Scan# 2559

Delta R.T. -0.006 min

Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

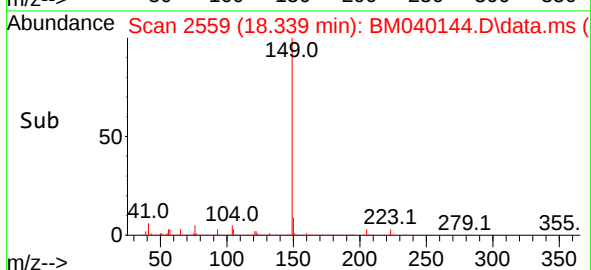
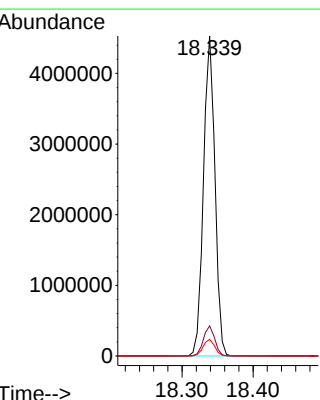
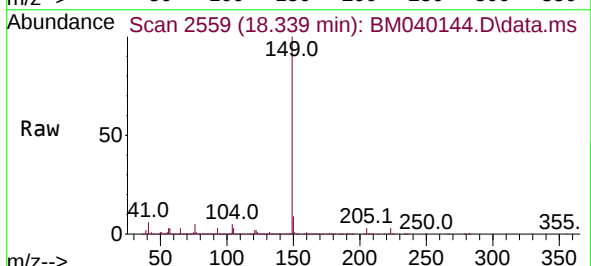
Tgt Ion:149 Resp: 5060655

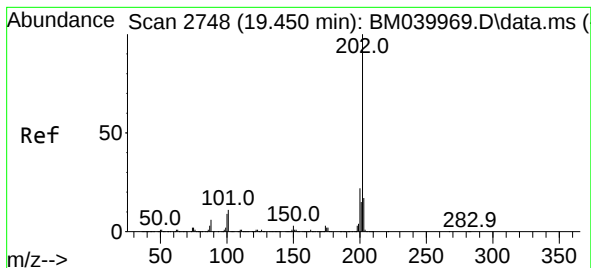
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

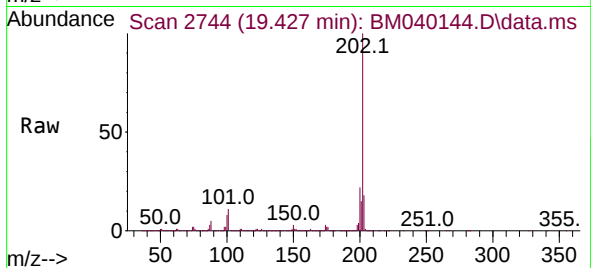
104 5.2 4.2 6.2





#75
Fluoranthene
Concen: 57.885 ng
RT: 19.427 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

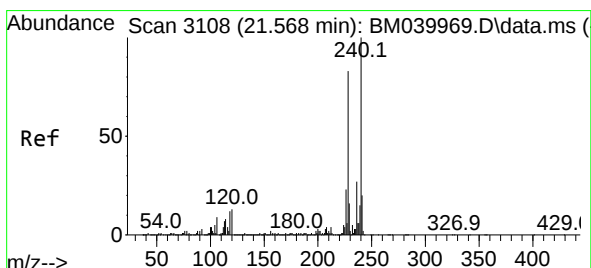
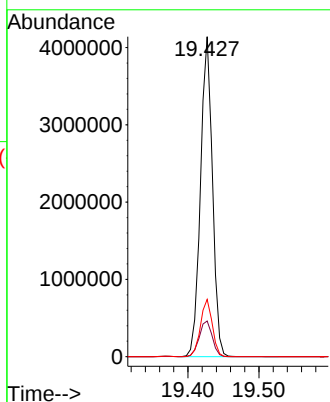
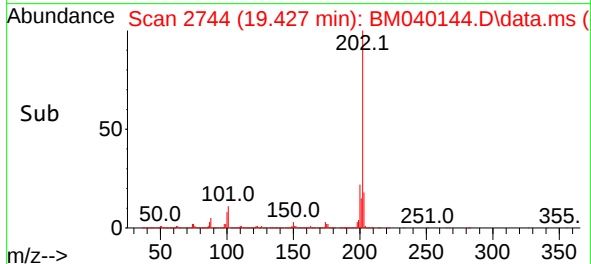
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS



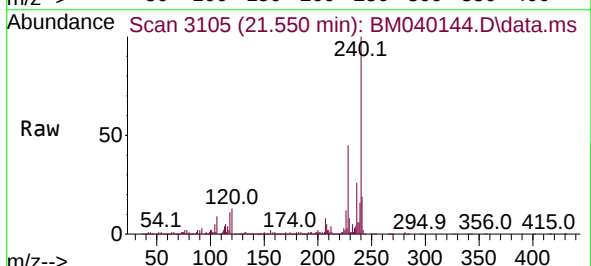
Tgt Ion:202 Resp: 4852210
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.3
203 17.9 0.0 37.5

Manual Integrations
APPROVED

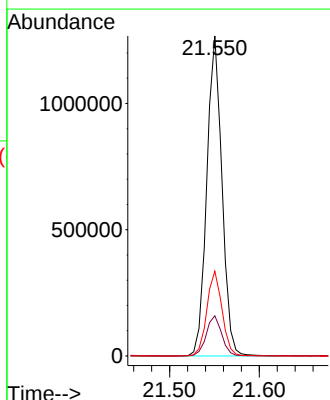
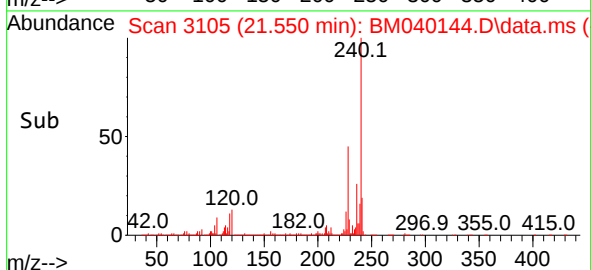
Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023

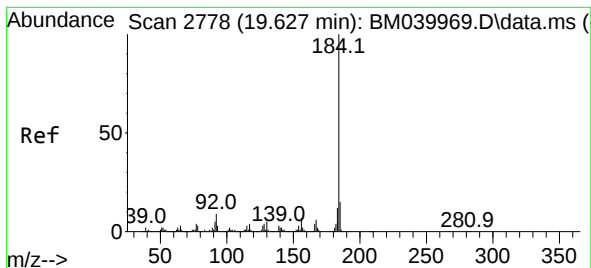


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.550 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45



Tgt Ion:240 Resp: 1486939
Ion Ratio Lower Upper
240 100
120 12.6 10.1 15.1
236 26.5 21.3 31.9





#77

Benzidine

Concen: 19.710 ng

RT: 19.609 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

Instrument :

BNA_M

ClientSampleId :

PL-STONE-0602MS

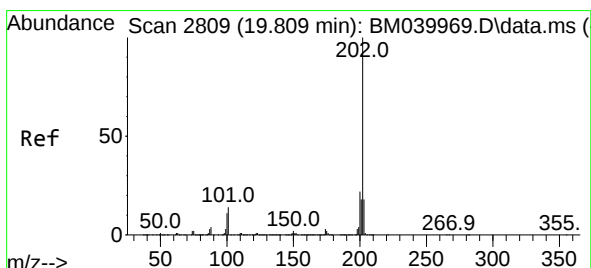
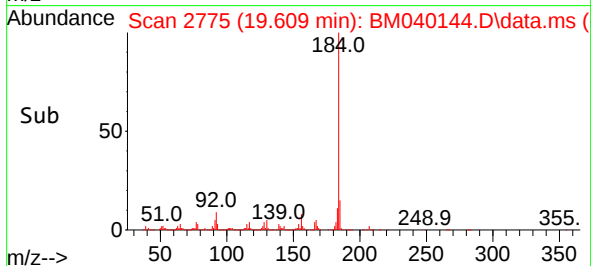
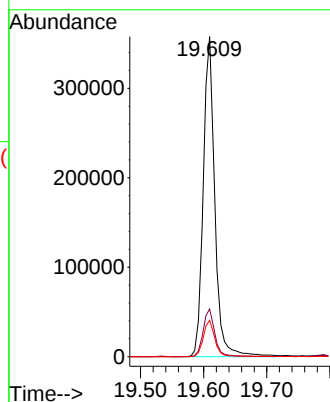
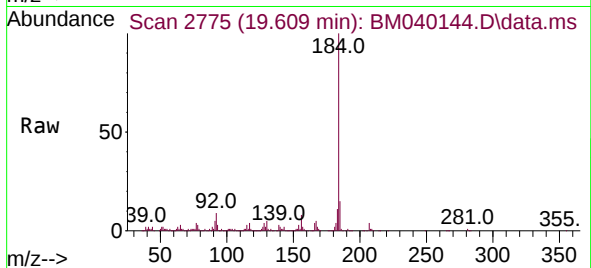
Tgt Ion:184 Resp: 455115
 Ion Ratio Lower Upper
 184 100
 185 14.9 11.9 17.9
 183 11.3 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2023

Supervised By :mohammad ahmed 06/08/2023



#78

Pyrene

Concen: 48.062 ng

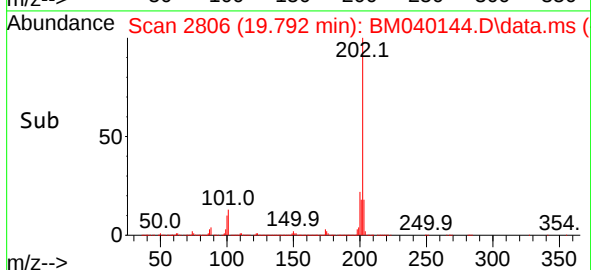
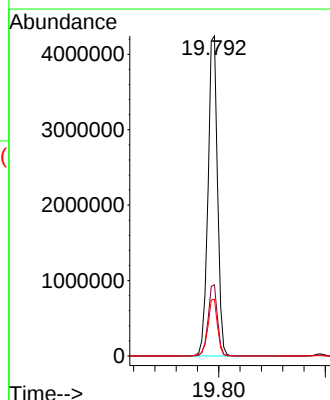
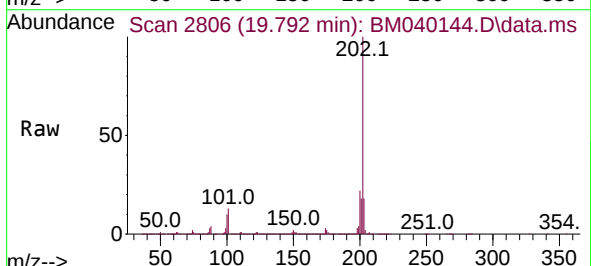
RT: 19.792 min Scan# 2806

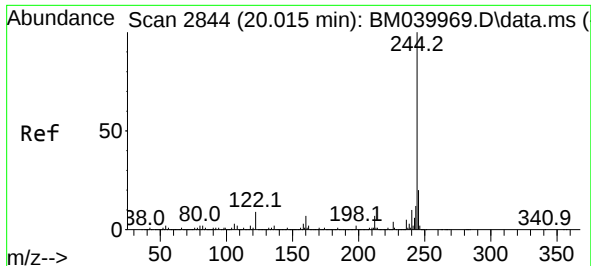
Delta R.T. -0.000 min

Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

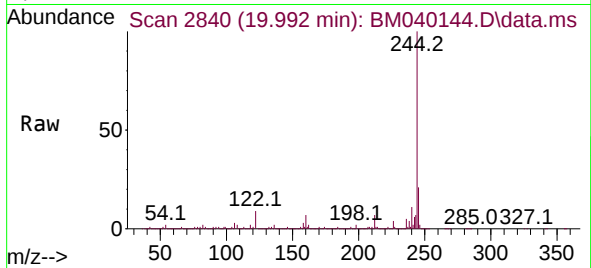
Tgt Ion:202 Resp: 5244059
 Ion Ratio Lower Upper
 202 100
 200 22.3 17.6 26.4
 203 17.7 14.1 21.1





#79
 Terphenyl-d14
 Concen: 98.359 ng
 RT: 19.992 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM040144.D
 Acq: 07 Jun 2023 16:45

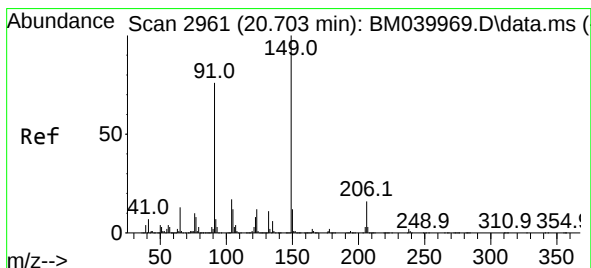
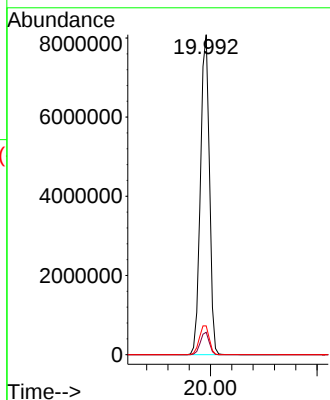
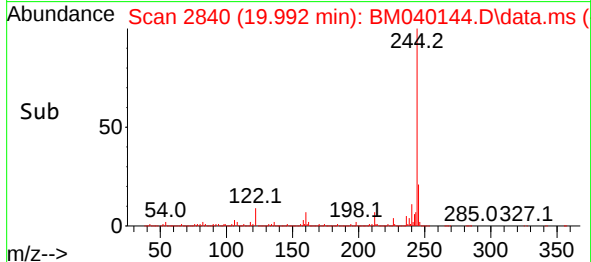
Instrument :
 BNA_M
 ClientSampleId :
 PL-STONE-0602MS



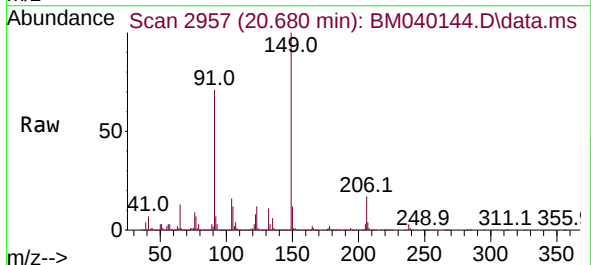
Tgt Ion:244 Resp: 941933
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 9.0 7.1 10.7

Manual Integrations
 APPROVED

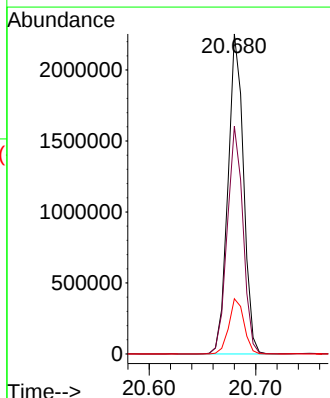
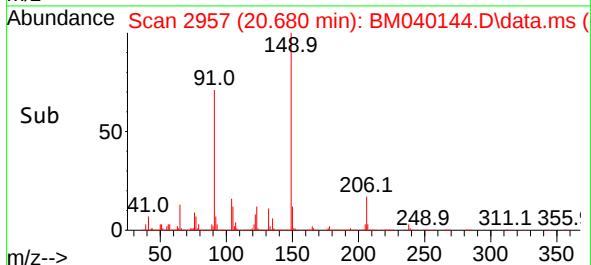
Reviewed By :Yogesh Patel 06/08/2023
 Supervised By :mohammad ahmed 06/08/2023

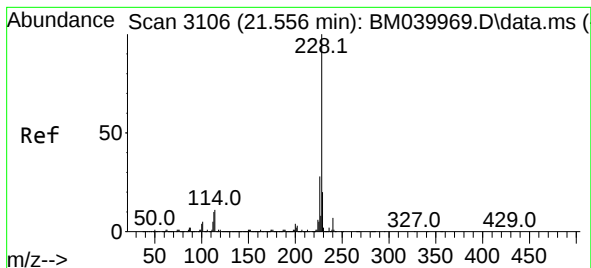


#80
 Butylbenzylphthalate
 Concen: 50.548 ng
 RT: 20.680 min Scan# 2957
 Delta R.T. -0.006 min
 Lab File: BM040144.D
 Acq: 07 Jun 2023 16:45



Tgt Ion:149 Resp: 2280904
 Ion Ratio Lower Upper
 149 100
 91 71.2 61.0 91.4
 206 17.3 12.7 19.1





#81

Benzo(a)anthracene

Concen: 51.690 ng

RT: 21.533 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

Instrument :

BNA_M

ClientSampleId :

PL-STONE-0602MS

Tgt Ion:228 Resp: 544107

Ion Ratio Lower Upper

228 100

226 28.4 22.2 33.4

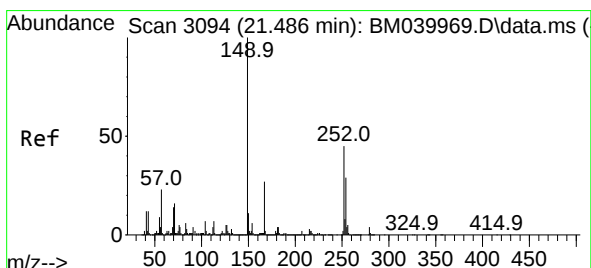
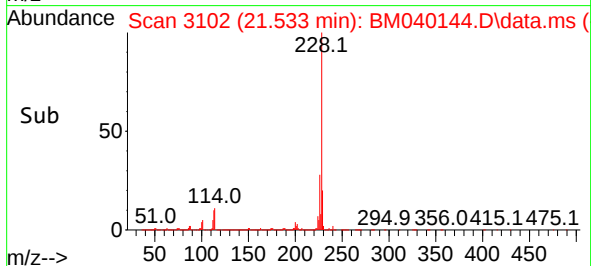
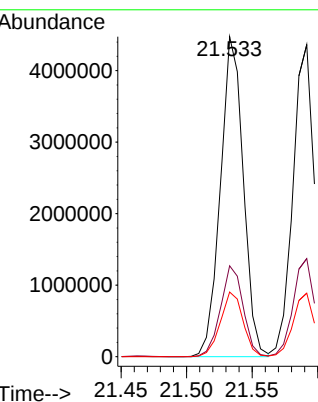
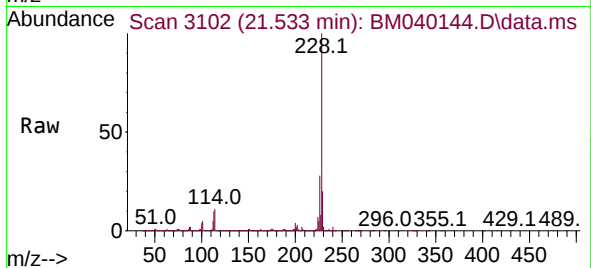
229 20.2 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2023

Supervised By :mohammad ahmed 06/08/2023



#82

3,3'-Dichlorobenzidine

Concen: 26.604 ng

RT: 21.462 min Scan# 3090

Delta R.T. -0.006 min

Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

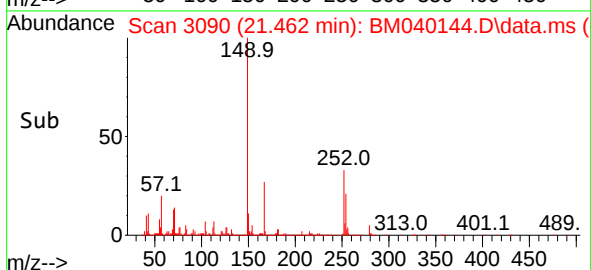
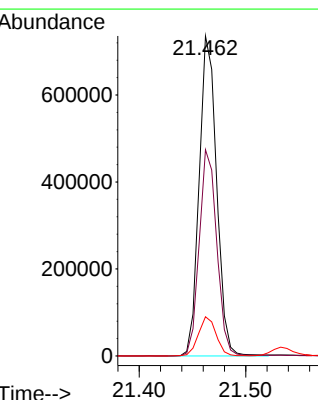
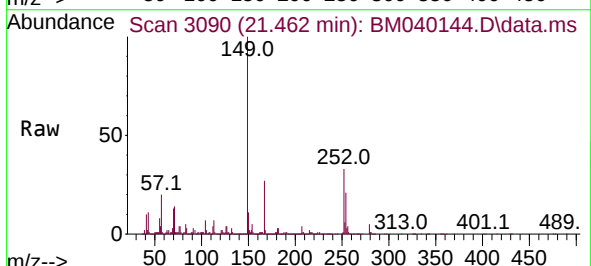
Tgt Ion:252 Resp: 836534

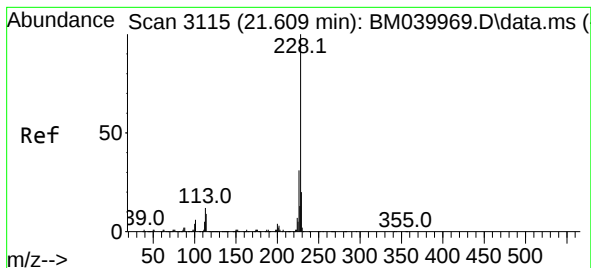
Ion Ratio Lower Upper

252 100

254 64.4 51.8 77.6

126 12.3 8.7 13.1





#83

Chrysene

Concen: 49.462 ng

RT: 21.592 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

Instrument :

BNA_M

ClientSampleId :

PL-STONE-0602MS

Tgt Ion:228 Resp: 499556

Ion Ratio Lower Upper

228 100

226 31.4 24.5 36.7

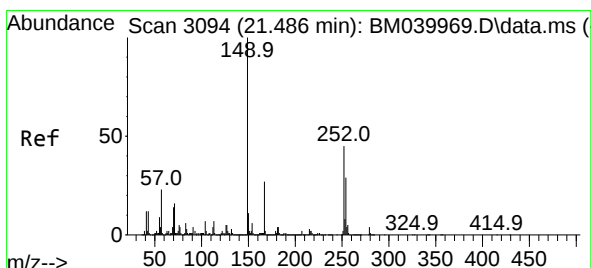
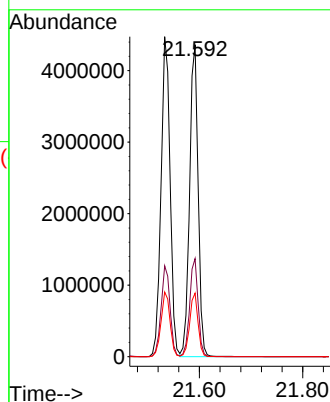
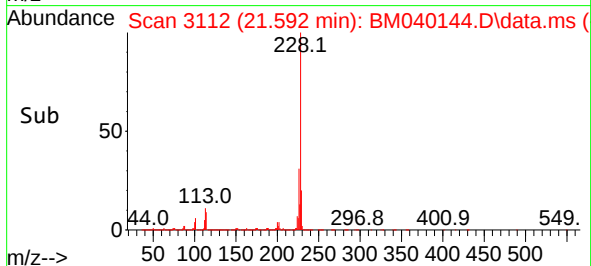
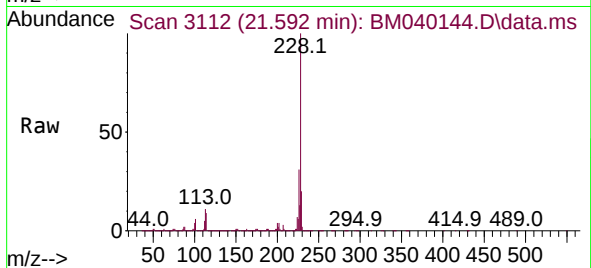
229 20.4 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2023

Supervised By :mohammad ahmed 06/08/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.893 ng

RT: 21.456 min Scan# 3089

Delta R.T. -0.006 min

Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

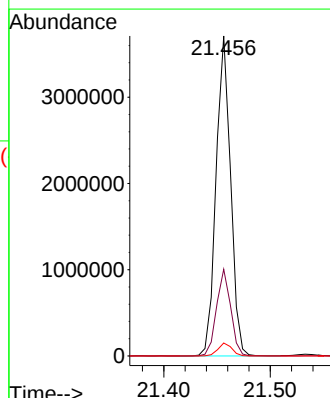
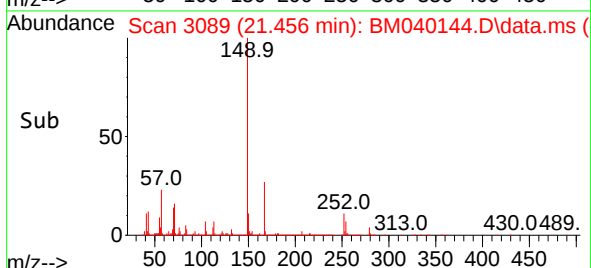
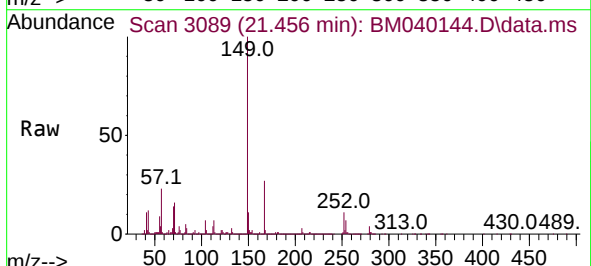
Tgt Ion:149 Resp: 3500988

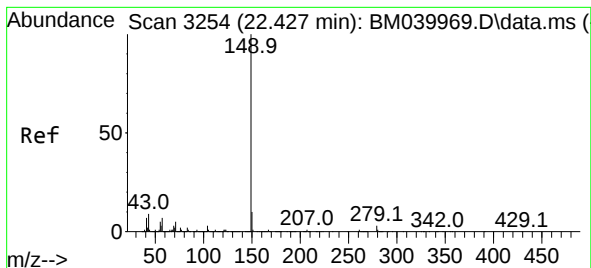
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.2

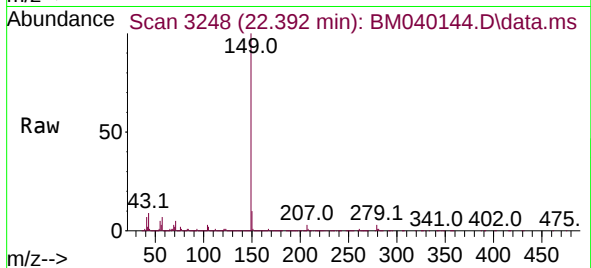
279 4.1 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 51.046 ng
RT: 22.392 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

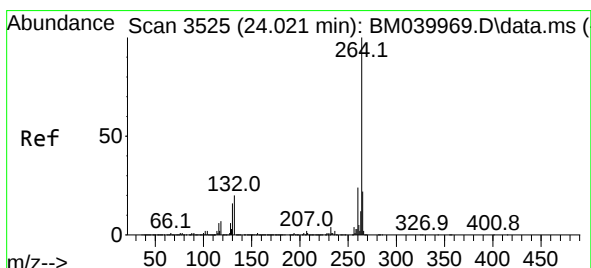
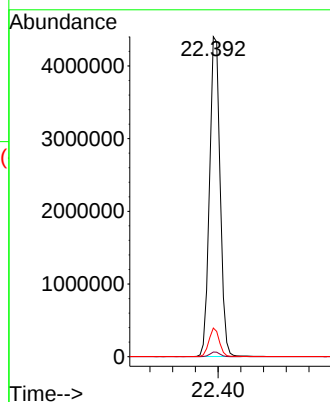
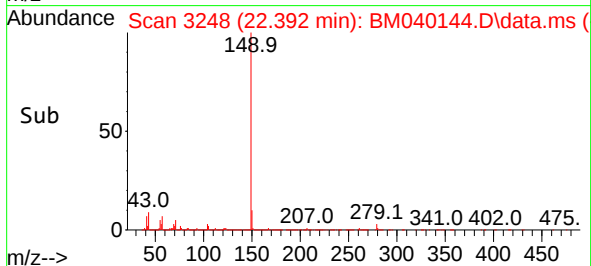
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS



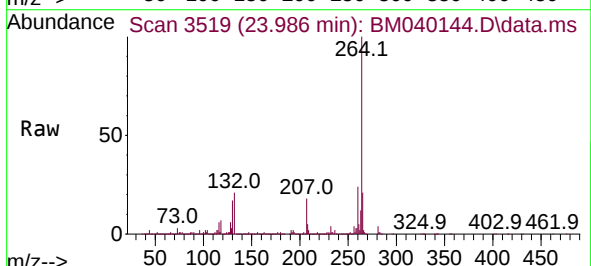
Tgt Ion:149 Resp: 565759
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 8.8 7.4 11.0

Manual Integrations
APPROVED

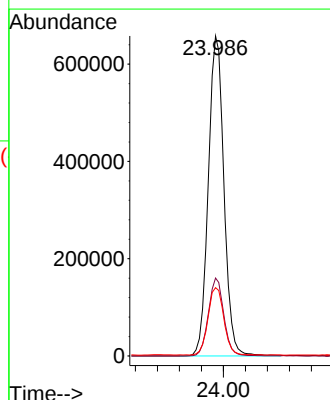
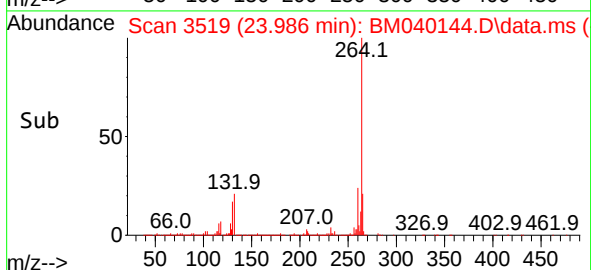
Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023

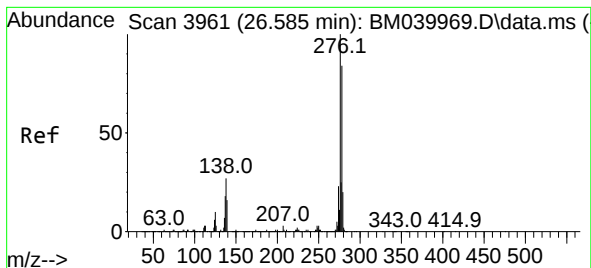


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.986 min Scan# 3519
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45



Tgt Ion:264 Resp: 1298090
Ion Ratio Lower Upper
264 100
260 24.4 19.5 29.3
265 21.4 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.372 ng

RT: 26.538 min Scan# 3953

Delta R.T. -0.006 min

Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

Instrument :

BNA_M

ClientSampleId :

PL-STONE-0602MS

Tgt Ion:276 Resp: 4890180

Ion Ratio Lower Upper

276 100

138 28.5 23.2 34.8

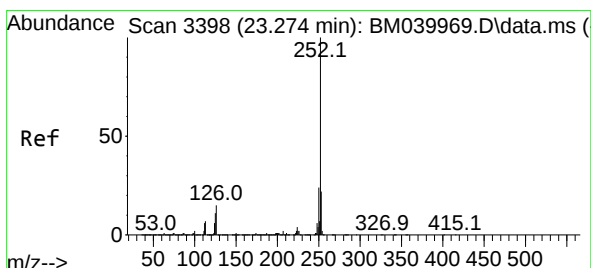
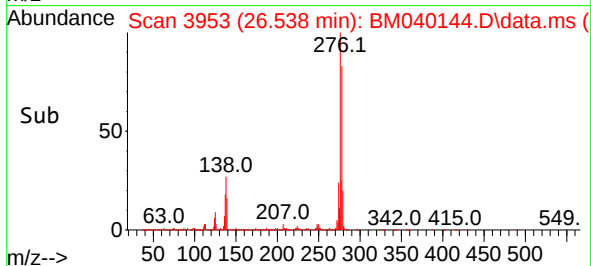
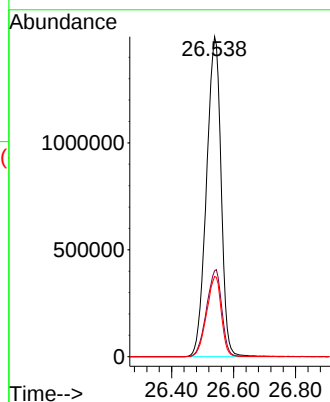
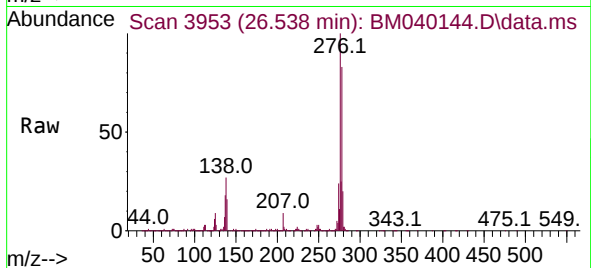
277 25.3 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2023

Supervised By :mohammad ahmed 06/08/2023



#88

Benzo(b)fluoranthene

Concen: 58.395 ng

RT: 23.244 min Scan# 3393

Delta R.T. -0.006 min

Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

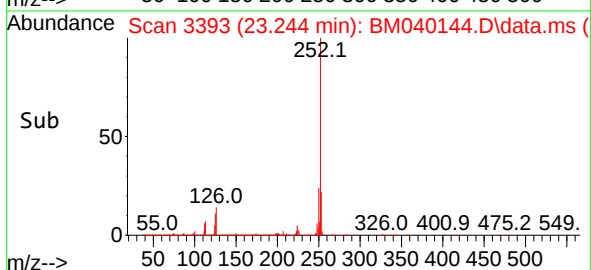
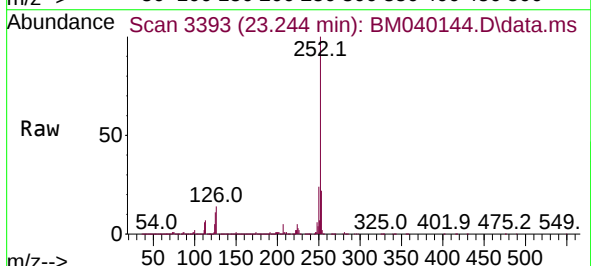
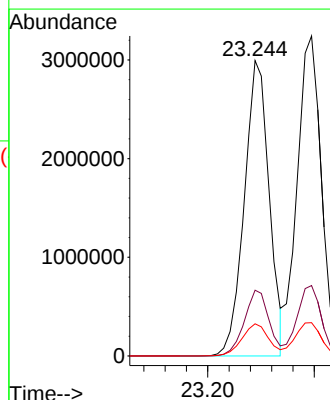
Tgt Ion:252 Resp: 4853181

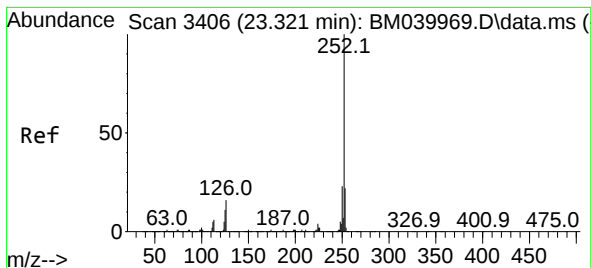
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 10.9 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 56.520 ng

RT: 23.297 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

Instrument :

BNA_M

ClientSampleId :

PL-STONE-0602MS

Tgt Ion:252 Resp: 513636

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

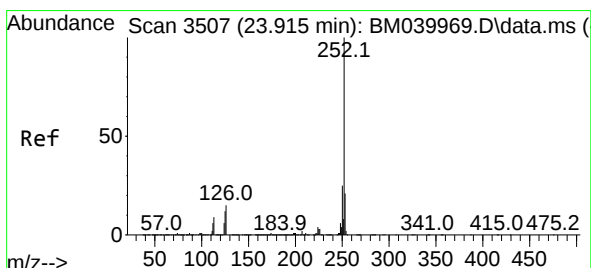
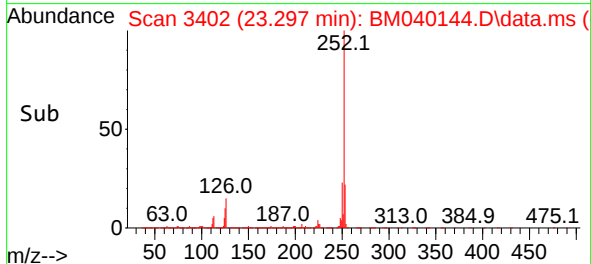
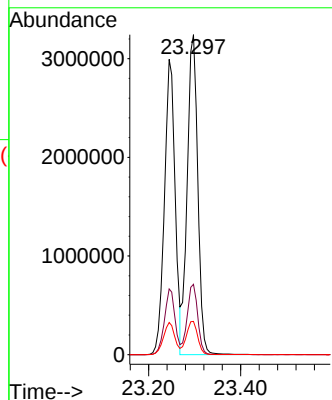
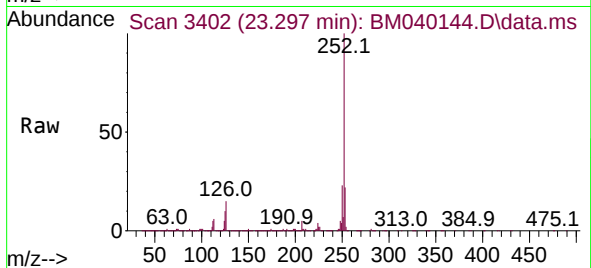
125 10.4 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2023

Supervised By :mohammad ahmed 06/08/2023



#90

Benzo(a)pyrene

Concen: 49.434 ng

RT: 23.880 min Scan# 3501

Delta R.T. -0.006 min

Lab File: BM040144.D

Acq: 07 Jun 2023 16:45

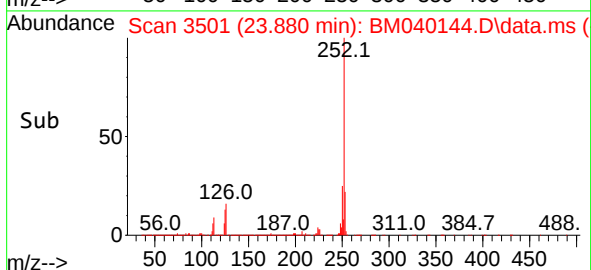
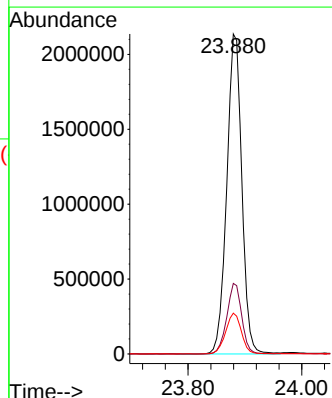
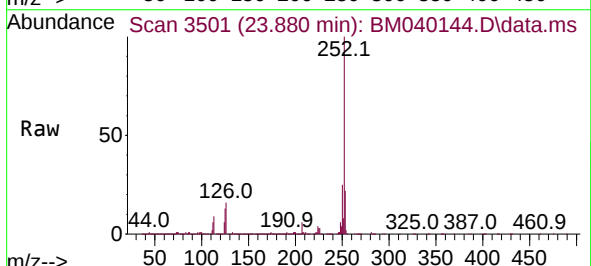
Tgt Ion:252 Resp: 3940037

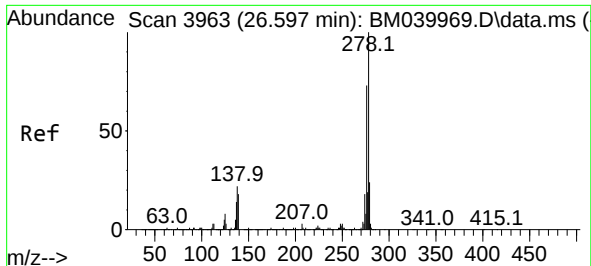
Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.4

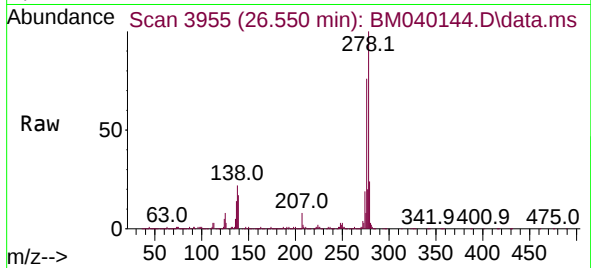
125 12.7 9.6 14.4





#91
Dibenzo(a,h)anthracene
Concen: 48.269 ng
RT: 26.550 min Scan# 3963
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45

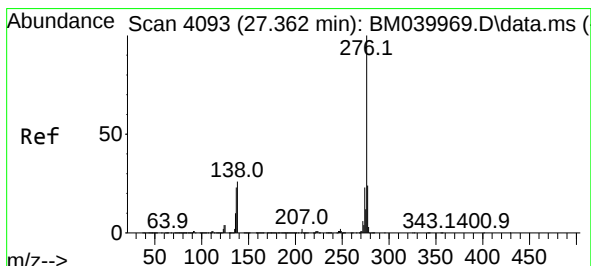
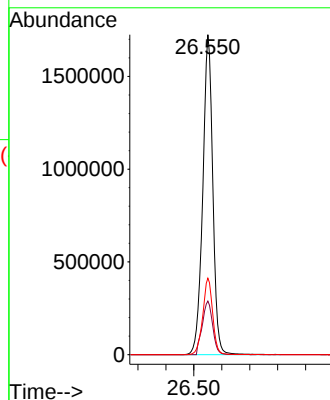
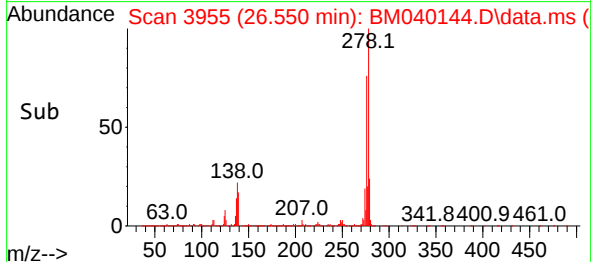
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MS



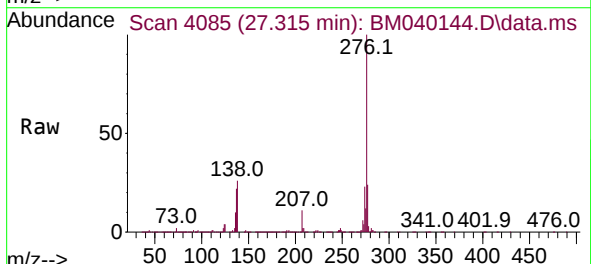
Tgt Ion:278 Resp: 430184
Ion Ratio Lower Upper
278 100
139 16.8 14.0 21.0
279 23.9 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023



#92
Benzo(g,h,i)perylene
Concen: 43.954 ng
RT: 27.315 min Scan# 4085
Delta R.T. -0.006 min
Lab File: BM040144.D
Acq: 07 Jun 2023 16:45



Tgt Ion:276 Resp: 3462101
Ion Ratio Lower Upper
276 100
277 23.9 19.1 28.7
138 25.7 20.6 31.0

