

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062824\
 Data File : BM046351.D
 Acq On : 28 Jun 2024 14:05
 Operator : MA/JU
 Sample : P3076-10MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 7-S-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2024
 Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 28 14:54:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 03:23:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.369	152	136658	20.000	ng	0.00
21) Naphthalene-d8	10.122	136	584856	20.000	ng	0.00
39) Acenaphthene-d10	14.016	164	353848	20.000	ng	0.00
64) Phenanthrene-d10	16.768	188	715482	20.000	ng	0.00
76) Chrysene-d12	20.997	240	584643	20.000	ng	0.00
86) Perylene-d12	23.662	264	560170	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.051	112	797767	93.836	ng	0.00
7) Phenol-d6	6.628	99	1054317	87.296	ng	0.00
23) Nitrobenzene-d5	8.528	82	730205	51.758	ng	-0.01
42) 2,4,6-Tribromophenol	15.527	330	380530	88.429	ng	0.00
45) 2-Fluorobiphenyl	12.627	172	1215526	46.559	ng	0.00
79) Terphenyl-d14	19.421	244	1813197	51.312	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.028	88	125042	38.147	ng	97
3) Pyridine	3.410	79	368499	40.231	ng	96
4) n-Nitrosodimethylamine	3.334	42	319893	45.090	ng	97
6) Aniline	6.740	93	376767	34.351	ng	100
8) 2-Chlorophenol	6.963	128	472057	49.837	ng	99
9) Benzaldehyde	6.545	77	84207	9.494	ng	95
10) Phenol	6.657	94	602220	50.388	ng	97
11) bis(2-Chloroethyl)ether	6.828	93	461856	47.587	ng	98
12) 1,3-Dichlorobenzene	7.257	146	477536	45.474	ng	97
13) 1,4-Dichlorobenzene	7.404	146	489924	45.339	ng	98
14) 1,2-Dichlorobenzene	7.716	146	471187	44.226	ng	99
15) Benzyl Alcohol	7.651	79	457792	46.108	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.898	45	762921	46.189	ng	99
17) 2-Methylphenol	7.869	107	400461	48.049	ng	99
18) Hexachloroethane	8.422	117	216609	44.498	ng	98
19) n-Nitroso-di-n-propyla...	8.192	70	412917	45.034	ng	96
20) 3+4-Methylphenols	8.198	107	567070	46.917	ng	91
22) Acetophenone	8.204	105	700228	42.863	ng	100
24) Nitrobenzene	8.569	77	610268	44.035	ng	99
25) Isophorone	9.098	82	1081689	45.215	ng	100
26) 2-Nitrophenol	9.269	139	255827	51.576	ng	94
27) 2,4-Dimethylphenol	9.375	122	336524	54.115	ng	99
28) bis(2-Chloroethoxy)met...	9.575	93	623377	47.164	ng	98
29) 2,4-Dichlorophenol	9.816	162	433251	51.589	ng	97
30) 1,2,4-Trichlorobenzene	9.986	180	438237	46.084	ng	100
31) Naphthalene	10.175	128	1463534	45.661	ng	99
32) Benzoic acid	9.622	122	303497	40.878	ng	95
33) 4-Chloroaniline	10.345	127	235736	20.996	ng	99
34) Hexachlorobutadiene	10.457	225	260591	44.449	ng	100
35) Caprolactam	11.169	113	131082m	42.612	ng	
36) 4-Chloro-3-methylphenol	11.492	107	500768	47.924	ng	99
37) 2-Methylnaphthalene	11.792	142	977588	45.225	ng	99
38) 1-Methylnaphthalene	12.022	142	904134	42.302	ng	99
40) 1,2,4,5-Tetrachloroben...	12.175	216	433252	45.896	ng	98
41) Hexachlorocyclopentadiene	12.151	237	404382	109.314	ng	97
43) 2,4,6-Trichlorophenol	12.445	196	330255	52.673	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062824\
 Data File : BM046351.D
 Acq On : 28 Jun 2024 14:05
 Operator : MA/JU
 Sample : P3076-10MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 7-S-1MSD

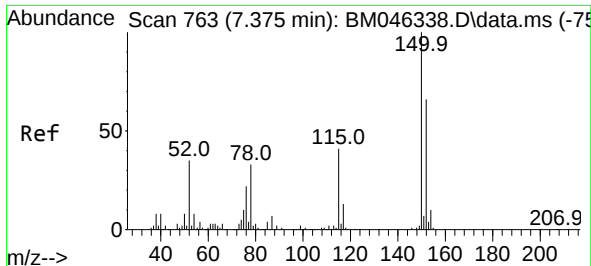
Quant Time: Jun 28 14:54:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 03:23:08 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2024
 Supervised By :mohammad ahmed 06/29/2024

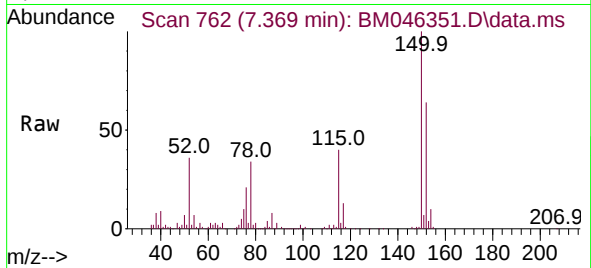
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.539	196	362372	50.157	ng	98
46) 1,1'-Biphenyl	12.839	154	1173012	44.280	ng	99
47) 2-Chloronaphthalene	12.874	162	966403	46.997	ng	99
48) 2-Nitroaniline	13.133	65	406901	49.843	ng	98
49) Acenaphthylene	13.733	152	1662497	52.442	ng	99
50) Dimethylphthalate	13.516	163	1231062	47.592	ng	98
51) 2,6-Dinitrotoluene	13.627	165	263778	45.792	ng	98
52) Acenaphthene	14.080	154	925309	46.958	ng	99
53) 3-Nitroaniline	13.974	138	202025	34.712	ng	96
54) 2,4-Dinitrophenol	14.180	184	267987	78.817	ng	91
55) Dibenzofuran	14.421	168	1521581	48.190	ng	99
56) 4-Nitrophenol	14.345	139	467635	96.208	ng	99
57) 2,4-Dinitrotoluene	14.427	165	392682	47.106	ng	98
58) Fluorene	15.074	166	1298253	48.069	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.674	232	309552	50.835	ng	99
60) Diethylphthalate	14.886	149	1357018	47.690	ng	100
61) 4-Chlorophenyl-phenyle...	15.074	204	602920	47.959	ng	99
62) 4-Nitroaniline	15.163	138	269360	47.161	ng	99
63) Azobenzene	15.374	77	1634902	48.214	ng	99
65) 4,6-Dinitro-2-methylph...	15.198	198	183527	40.927	ng	88
66) n-Nitrosodiphenylamine	15.310	169	1022702	49.211	ng	99
67) 4-Bromophenyl-phenylether	15.974	248	347362	47.547	ng	98
68) Hexachlorobenzene	16.080	284	397662	46.104	ng	99
69) Atrazine	16.286	200	327075	56.937	ng	99
70) Pentachlorophenol	16.445	266	550754	101.518	ng	99
71) Phenanthrene	16.815	178	1919073	50.404	ng	100
72) Anthracene	16.904	178	1895753	51.189	ng	99
73) Carbazole	17.198	167	1768768	48.505	ng	100
74) Di-n-butylphthalate	17.762	149	2499328	51.013	ng	100
75) Fluoranthene	18.839	202	2239815	49.785	ng	99
77) Benzidine	19.062	184	833978	137.482	ng	100
78) Pyrene	19.203	202	2280736	56.162	ng	99
80) Butylbenzylphthalate	20.133	149	1169239	61.193	ng	100
81) Benzo(a)anthracene	20.980	228	1947215	50.772	ng	99
82) 3,3'-Dichlorobenzidine	20.927	252	525675	42.732	ng	99
83) Chrysene	21.033	228	1800488	49.088	ng	100
84) Bis(2-ethylhexyl)phtha...	20.921	149	1828788	55.620	ng	99
85) Di-n-octyl phthalate	21.933	149	2707202	56.044	ng	99
87) Indeno(1,2,3-cd)pyrene	26.621	276	1840583	51.230	ng	100
88) Benzo(b)fluoranthene	22.833	252	1639648	49.418	ng	99
89) Benzo(k)fluoranthene	22.886	252	1666369	50.488	ng	100
90) Benzo(a)pyrene	23.538	252	1505884	51.674	ng	98
91) Dibenzo(a,h)anthracene	26.650	278	1491379	49.714	ng	99
92) Benzo(g,h,i)perylene	27.532	276	1415041	47.622	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.369 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

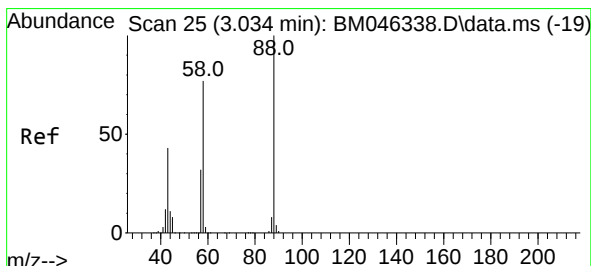
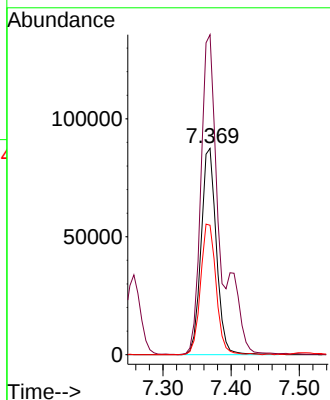
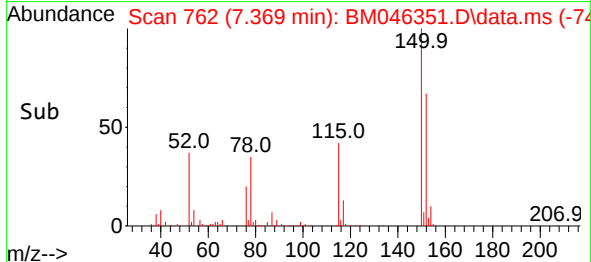
Instrument :
BNA_M
ClientSampleId :
7-S-1MSD



Tgt Ion:152 Resp: 136658
Ion Ratio Lower Upper
152 100
150 155.2 122.1 183.1
115 62.8 50.2 75.4

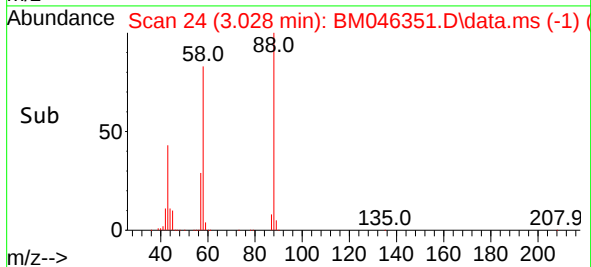
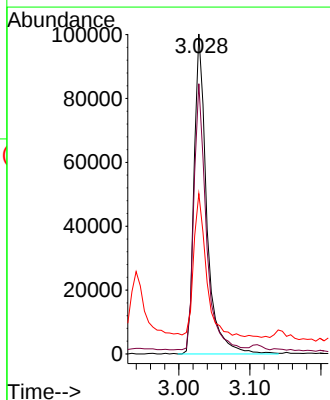
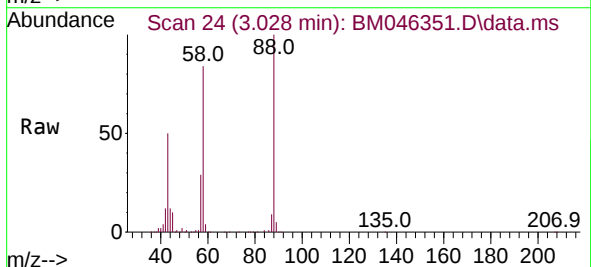
Manual Integrations
APPROVED

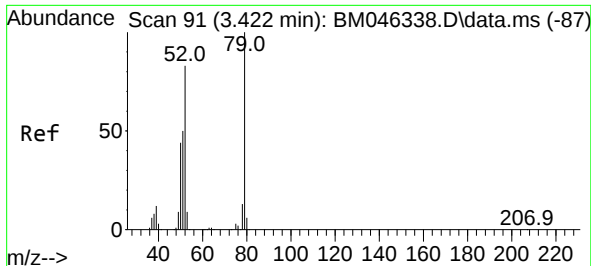
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#2
1,4-Dioxane
Concen: 38.147 ng
RT: 3.028 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

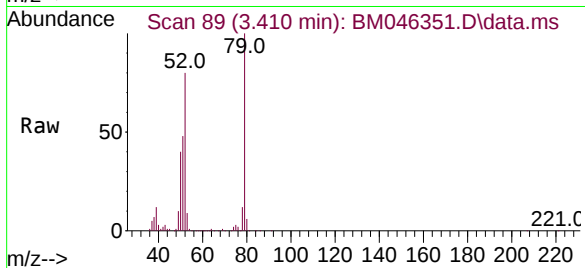
Tgt Ion: 88 Resp: 125042
Ion Ratio Lower Upper
88 100
58 80.4 65.2 97.8
43 43.6 38.4 57.6





#3
Pyridine
Concen: 40.231 ng
RT: 3.410 min Scan# 89
Delta R.T. -0.012 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

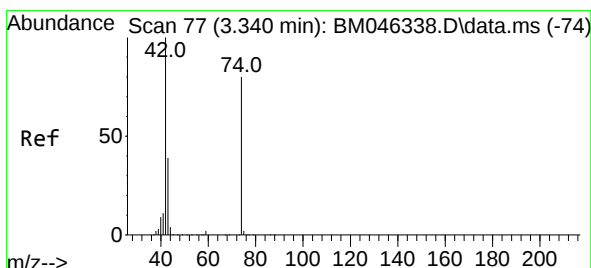
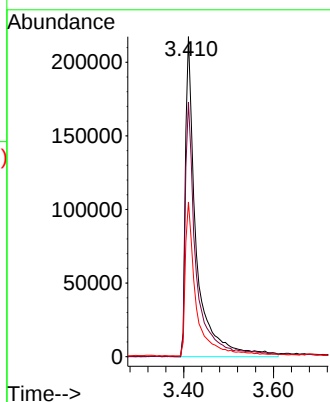
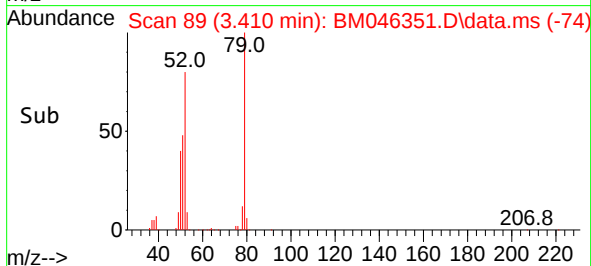
Instrument :
BNA_M
ClientSampleId :
7-S-1MSD



Tgt Ion: 79 Resp: 368499
Ion Ratio Lower Upper
79 100
52 79.5 66.4 99.6
51 48.4 40.8 61.2

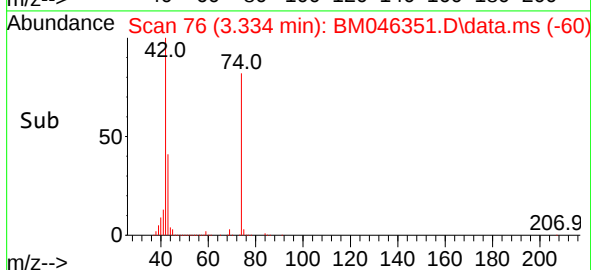
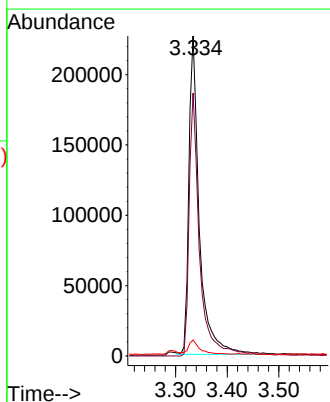
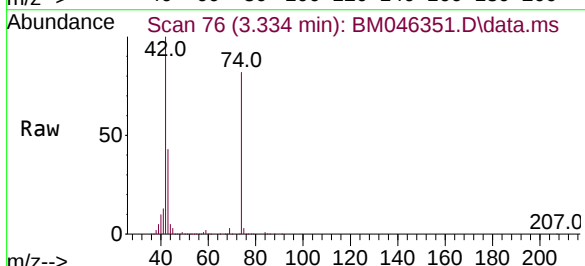
Manual Integrations
APPROVED

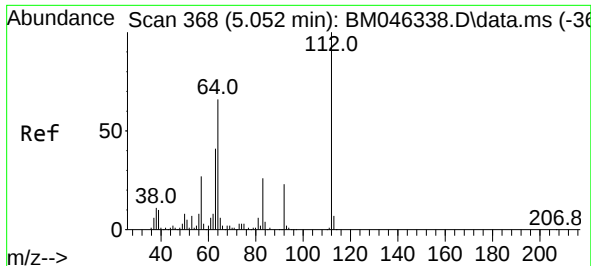
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#4
n-Nitrosodimethylamine
Concen: 45.090 ng
RT: 3.334 min Scan# 76
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

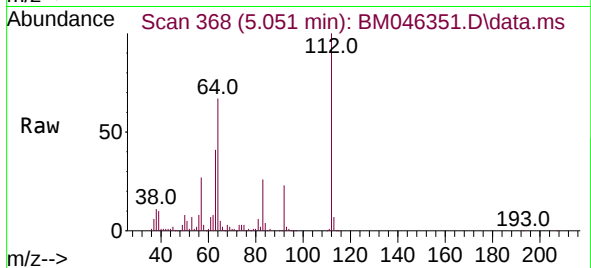
Tgt Ion: 42 Resp: 319893
Ion Ratio Lower Upper
42 100
74 82.2 63.6 95.4
44 5.0 3.8 5.6





#5
2-Fluorophenol
Concen: 93.836 ng
RT: 5.051 min Scan# 368
Delta R.T. -0.000 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

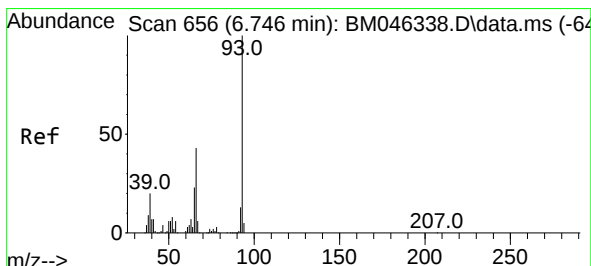
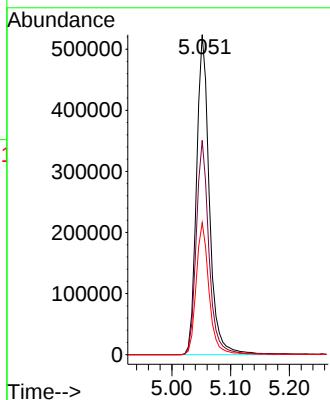
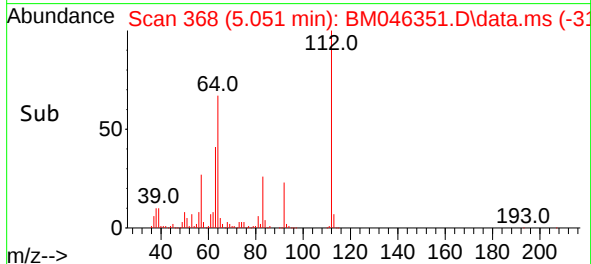
Instrument :
BNA_M
ClientSampleId :
7-S-1MSD



Tgt Ion: 112 Resp: 79776
Ion Ratio Lower Upper
112 100
64 67.0 52.8 79.2
63 41.3 32.9 49.3

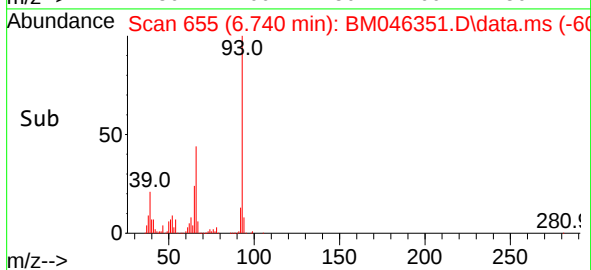
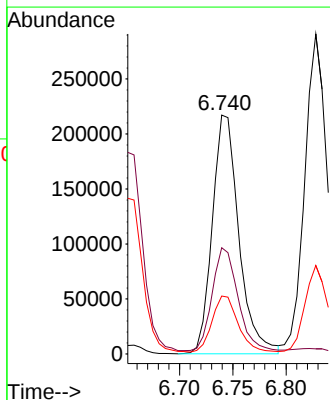
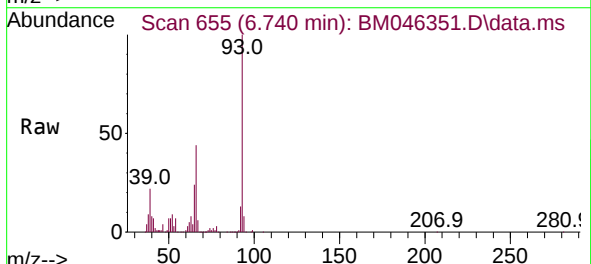
Manual Integrations
APPROVED

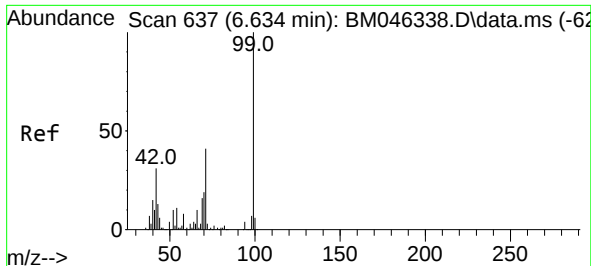
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#6
Aniline
Concen: 34.351 ng
RT: 6.740 min Scan# 655
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

Tgt Ion: 93 Resp: 376767
Ion Ratio Lower Upper
93 100
66 44.5 35.5 53.3
65 24.3 19.3 28.9





#7

Phenol-d6

Concen: 87.296 ng

RT: 6.628 min Scan# 61

Delta R.T. -0.006 min

Lab File: BM046351.D

Acq: 28 Jun 2024 14:05

Instrument :

BNA_M

ClientSampleId :

7-S-1MSD

Tgt Ion: 99 Resp: 105431

Ion Ratio Lower Upper

99 100

42 30.0 24.8 37.2

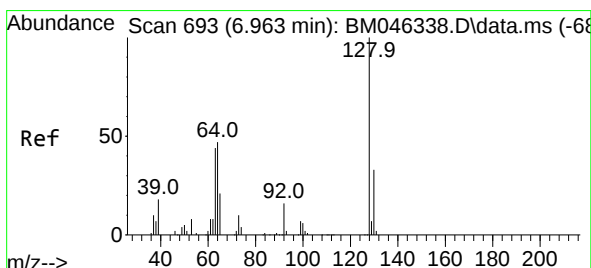
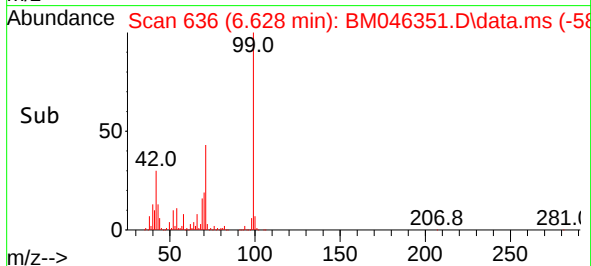
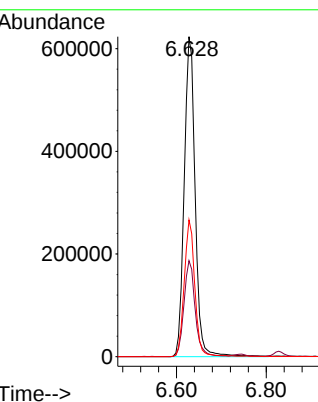
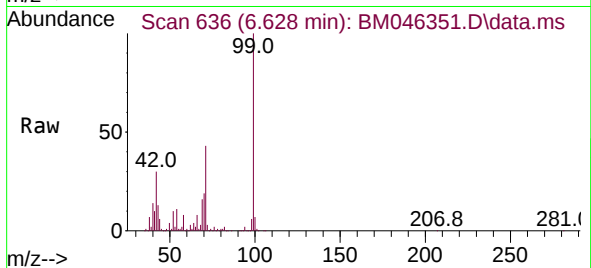
71 42.7 33.1 49.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#8

2-Chlorophenol

Concen: 49.837 ng

RT: 6.963 min Scan# 693

Delta R.T. -0.000 min

Lab File: BM046351.D

Acq: 28 Jun 2024 14:05

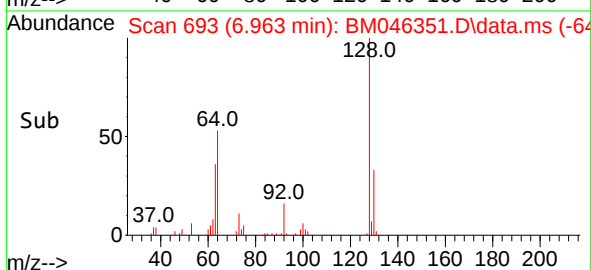
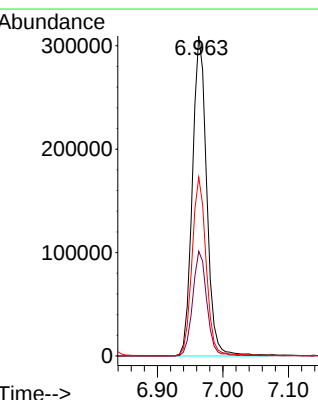
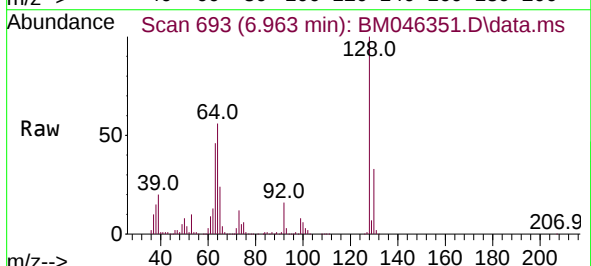
Tgt Ion:128 Resp: 472057

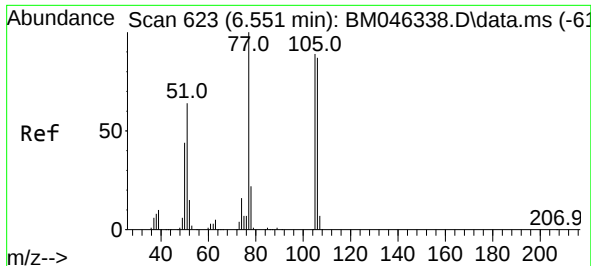
Ion Ratio Lower Upper

128 100

130 32.7 13.0 53.0

64 55.9 36.5 76.5





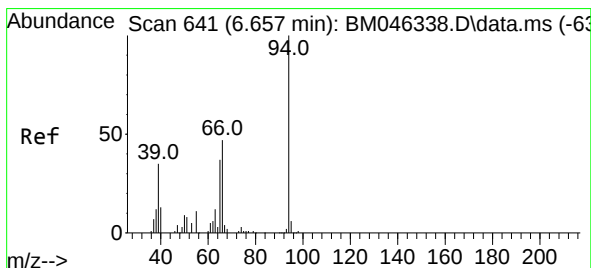
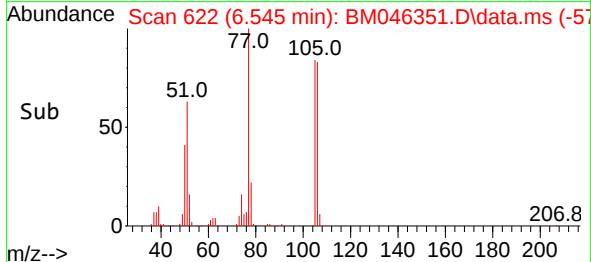
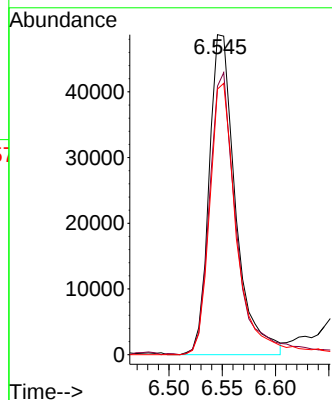
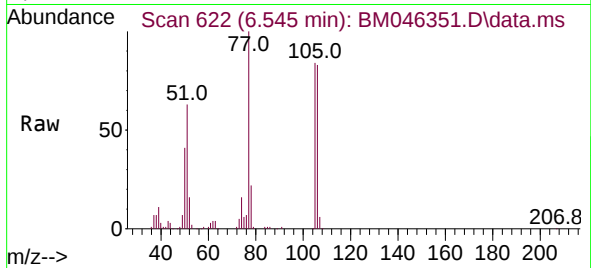
#9
Benzaldehyde
Concen: 9.494 ng
RT: 6.545 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

Instrument :
BNA_M
ClientSampleId :
7-S-1MSD

Tgt Ion: 77 Resp: 8420
Ion Ratio Lower Upper
77 100
105 83.9 69.2 109.2
106 83.0 66.9 106.9

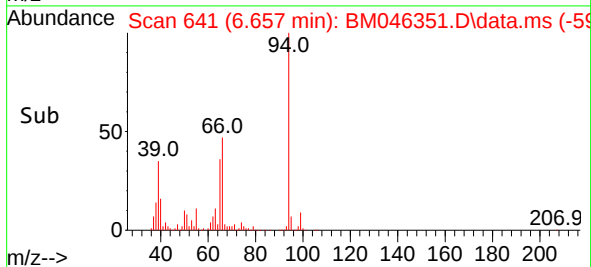
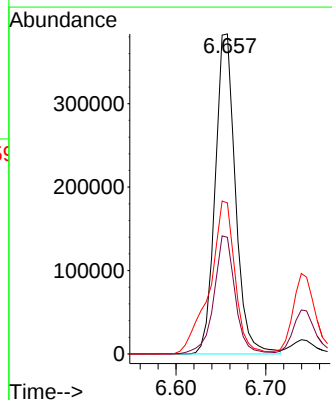
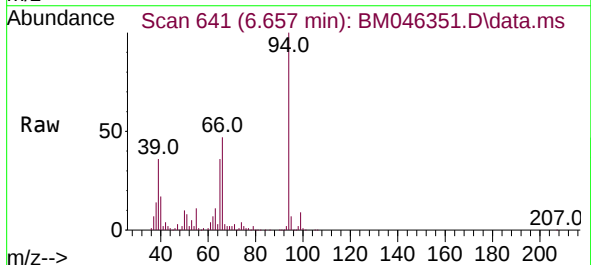
Manual Integrations
APPROVED

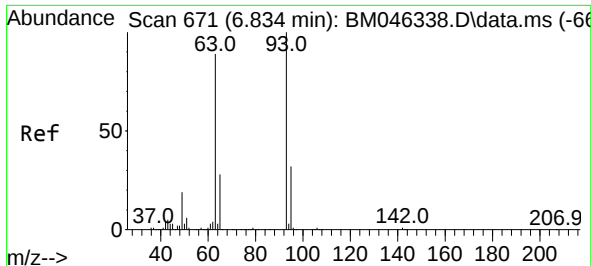
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#10
Phenol
Concen: 50.388 ng
RT: 6.657 min Scan# 641
Delta R.T. -0.000 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

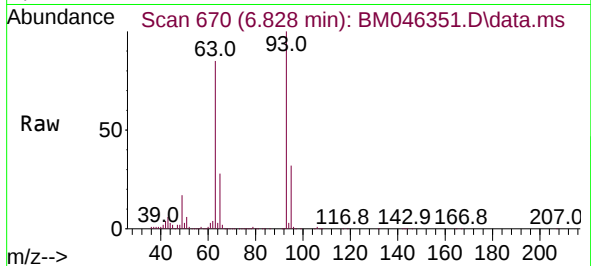
Tgt Ion: 94 Resp: 602220
Ion Ratio Lower Upper
94 100
65 36.5 17.6 57.6
66 47.2 29.9 69.9





#11
bis(2-Chloroethyl)ether
Concen: 47.587 ng
RT: 6.828 min Scan# 611
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

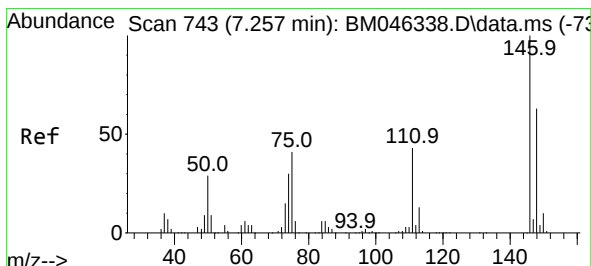
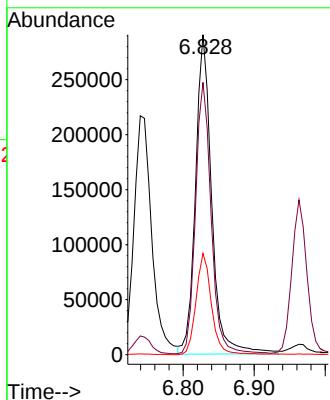
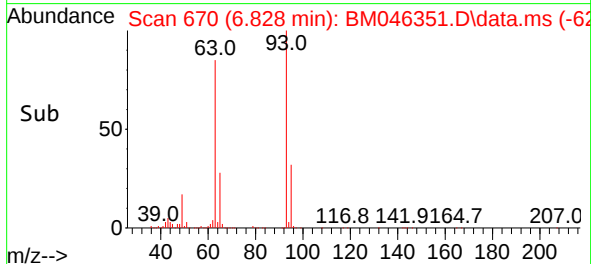
Instrument :
BNA_M
ClientSampleId :
7-S-1MSD



Tgt Ion: 93 Resp: 461850
Ion Ratio Lower Upper
93 100
63 85.1 67.2 107.2
95 31.7 11.4 51.4

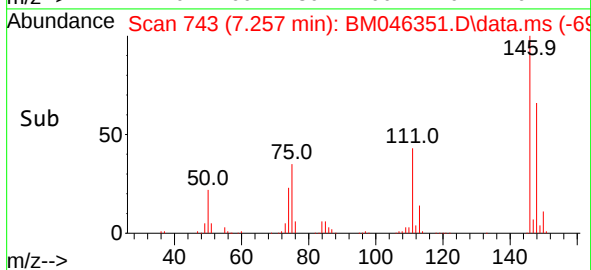
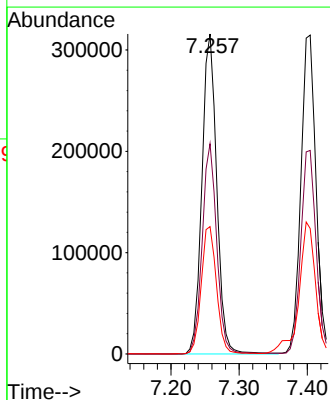
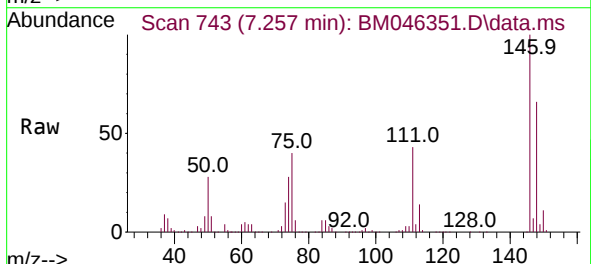
Manual Integrations
APPROVED

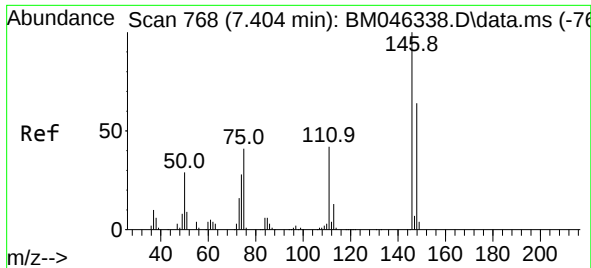
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#12
1,3-Dichlorobenzene
Concen: 45.474 ng
RT: 7.257 min Scan# 743
Delta R.T. -0.000 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

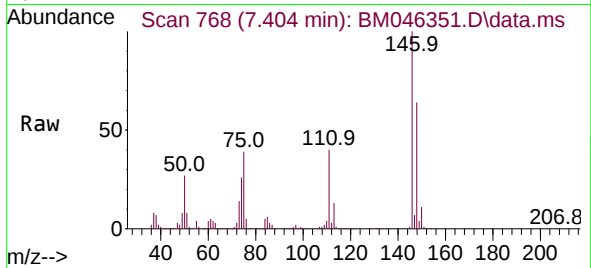
Tgt Ion:146 Resp: 477536
Ion Ratio Lower Upper
146 100
148 65.7 50.6 75.8
75 39.8 32.6 49.0





#13
1,4-Dichlorobenzene
Concen: 45.339 ng
RT: 7.404 min Scan# 768
Delta R.T. -0.000 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

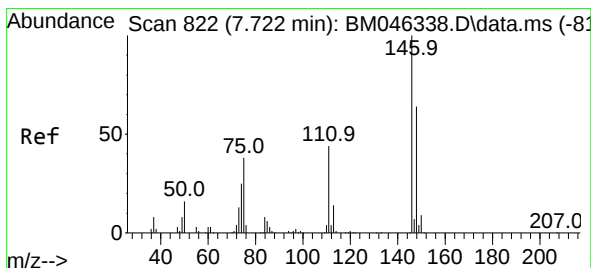
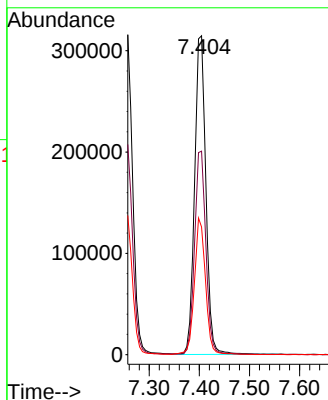
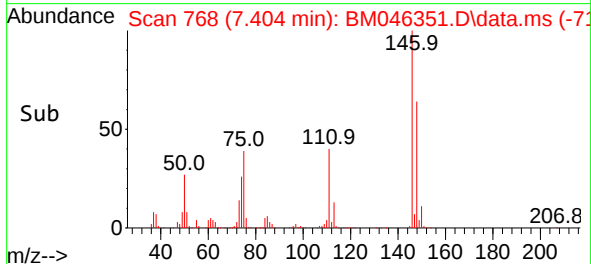
Instrument :
BNA_M
ClientSampleId :
7-S-1MSD



Tgt Ion:146 Resp: 489924
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.0
111 40.0 33.7 50.5

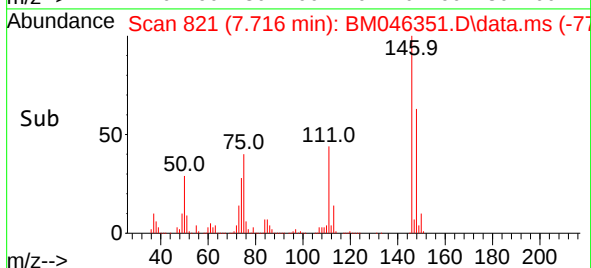
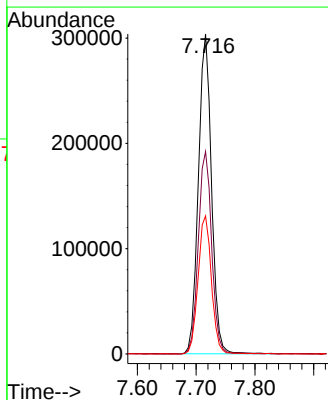
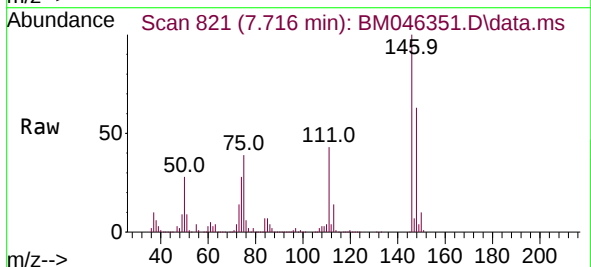
Manual Integrations
APPROVED

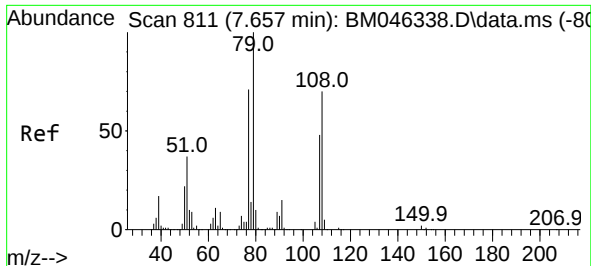
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#14
1,2-Dichlorobenzene
Concen: 44.226 ng
RT: 7.716 min Scan# 821
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

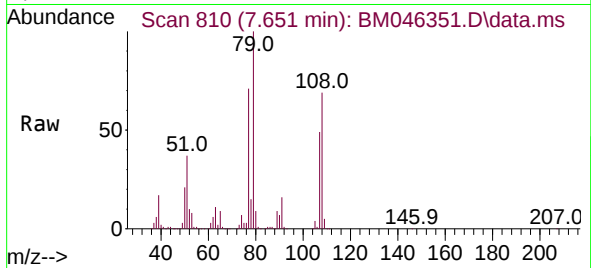
Tgt Ion:146 Resp: 471187
Ion Ratio Lower Upper
146 100
148 63.3 51.3 76.9
111 43.1 35.4 53.2





#15
Benzyl Alcohol
Concen: 46.108 ng
RT: 7.651 min Scan# 811
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

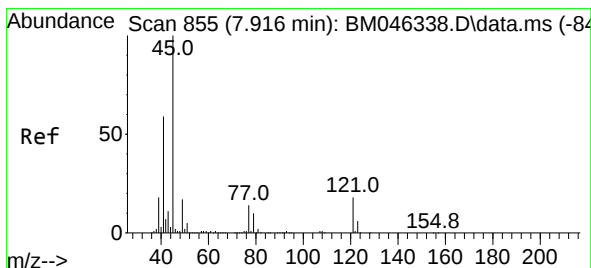
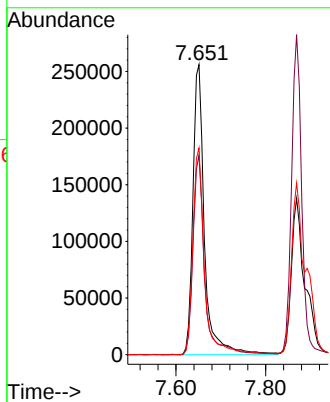
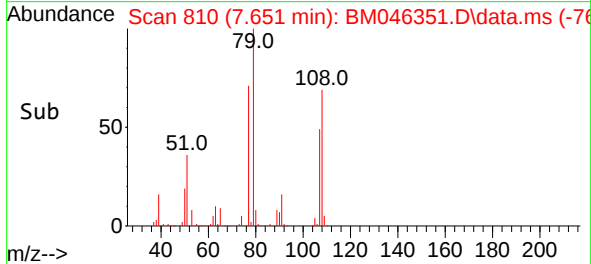
Instrument :
BNA_M
ClientSampleId :
7-S-1MSD



Tgt Ion: 79 Resp: 457792
Ion Ratio Lower Upper
79 100
108 68.7 56.1 84.1
77 71.3 56.9 85.3

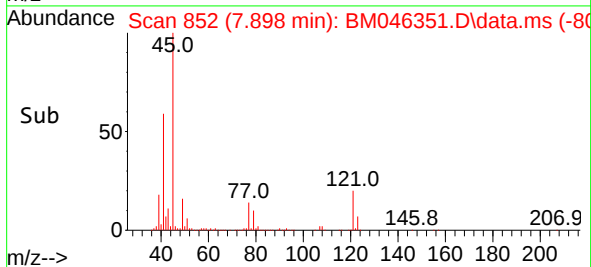
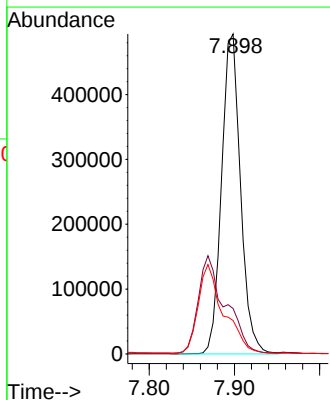
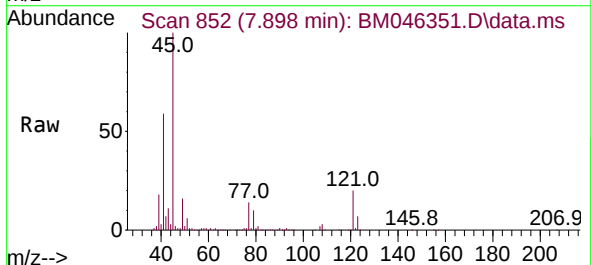
Manual Integrations
APPROVED

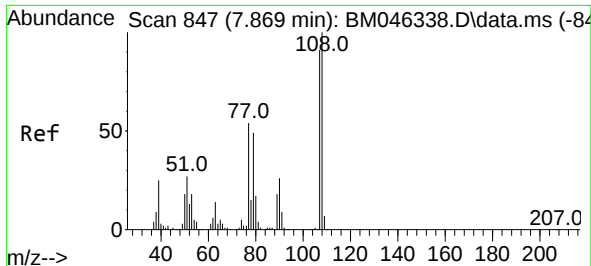
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.189 ng
RT: 7.898 min Scan# 852
Delta R.T. -0.018 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

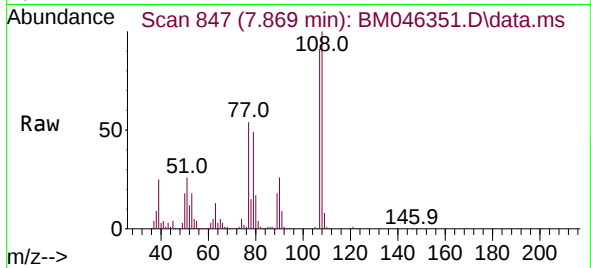
Tgt Ion: 45 Resp: 762921
Ion Ratio Lower Upper
45 100
77 14.2 0.0 34.3
79 10.4 0.0 30.8





#17
2-Methylphenol
Concen: 48.049 ng
RT: 7.869 min Scan# 847
Delta R.T. -0.000 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

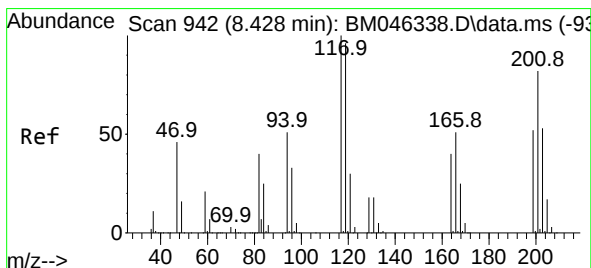
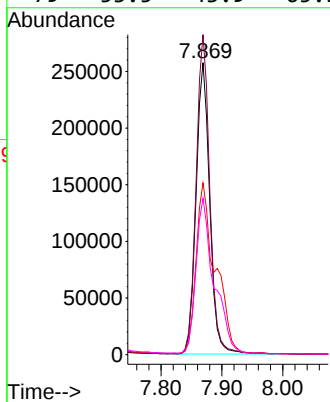
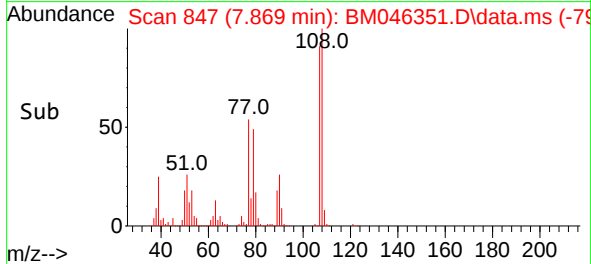
Instrument :
BNA_M
ClientSampleId :
7-S-1MSD



Tgt Ion:107 Resp: 40046
Ion Ratio Lower Upper
107 100
108 109.6 88.1 132.1
77 58.8 47.5 71.3
79 53.5 43.9 65.9

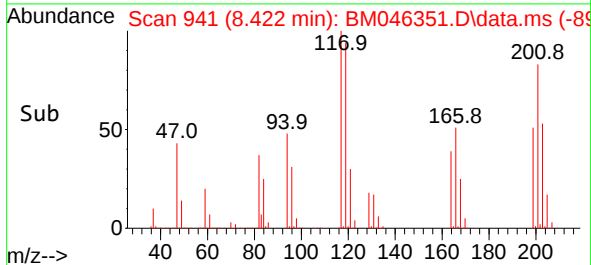
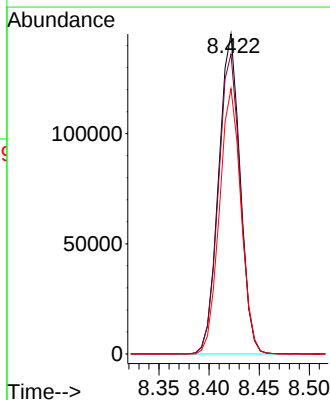
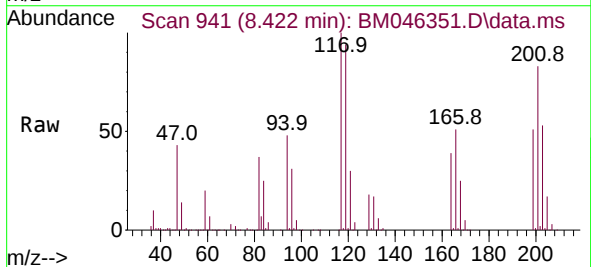
Manual Integrations
APPROVED

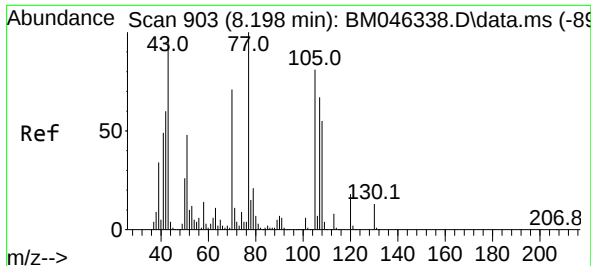
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#18
Hexachloroethane
Concen: 44.498 ng
RT: 8.422 min Scan# 941
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

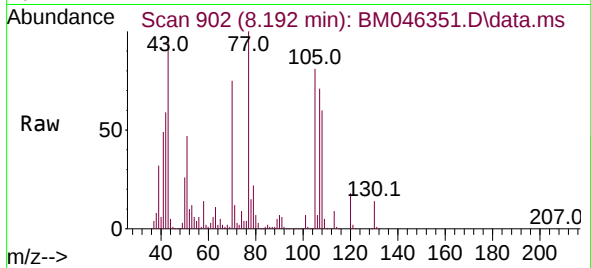
Tgt Ion:117 Resp: 216609
Ion Ratio Lower Upper
117 100
119 93.7 76.9 115.3
201 82.9 67.2 100.8





#19
n-Nitroso-di-n-propylamine
Concen: 45.034 ng
RT: 8.192 min Scan# 903
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

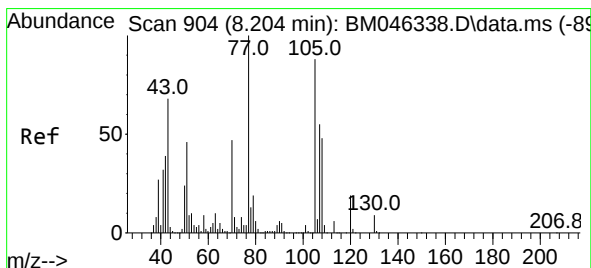
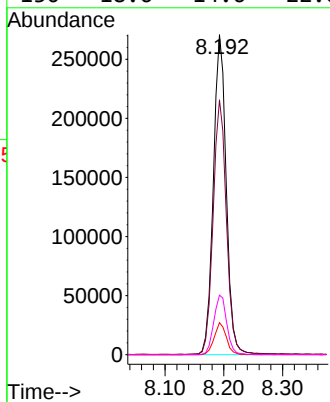
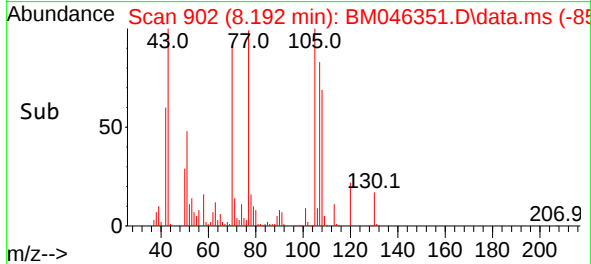
Instrument :
BNA_M
ClientSampleId :
7-S-1MSD



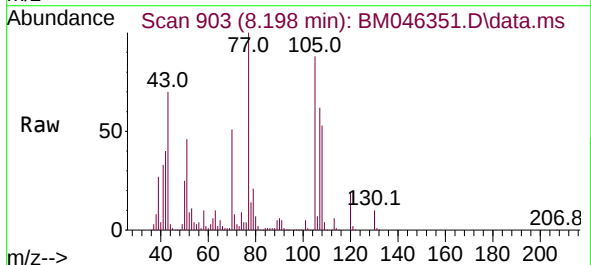
Tgt Ion: 70 Resp: 41291
Ion Ratio Lower Upper
70 100
42 79.7 67.0 100.6
101 10.0 7.3 10.9
130 18.6 14.6 22.0

Manual Integrations
APPROVED

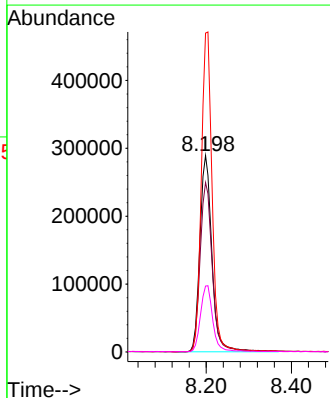
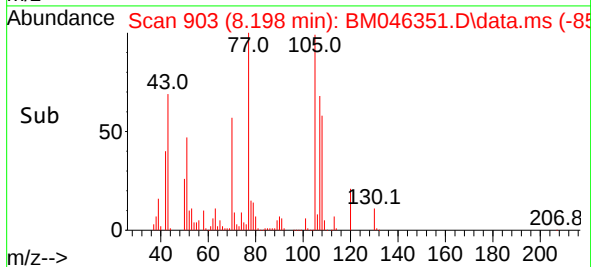
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

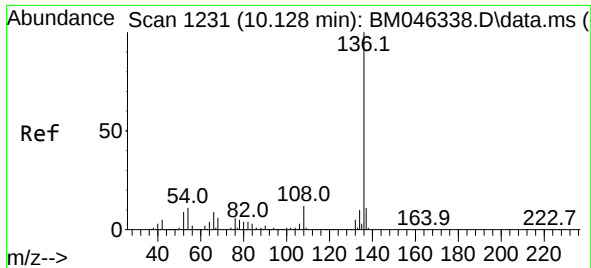


#20
3+4-Methylphenols
Concen: 46.917 ng
RT: 8.198 min Scan# 903
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05



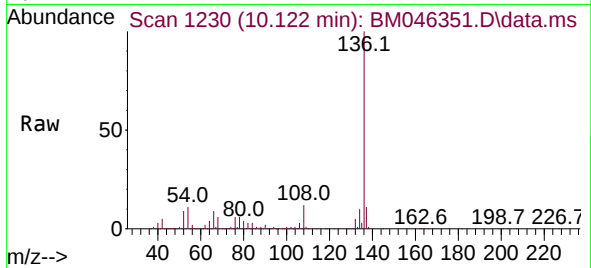
Tgt Ion:107 Resp: 567070
Ion Ratio Lower Upper
107 100
108 86.2 67.7 107.7
77 162.3 161.4 201.4
79 33.6 15.3 55.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

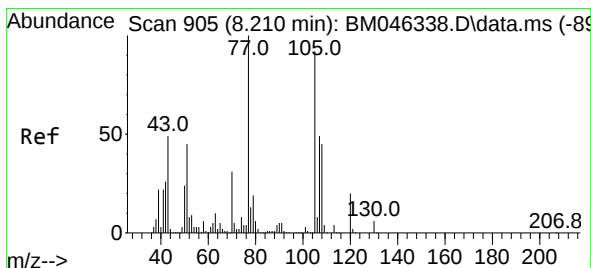
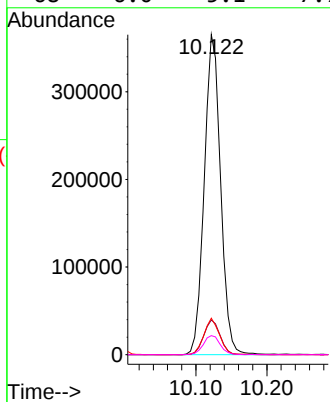
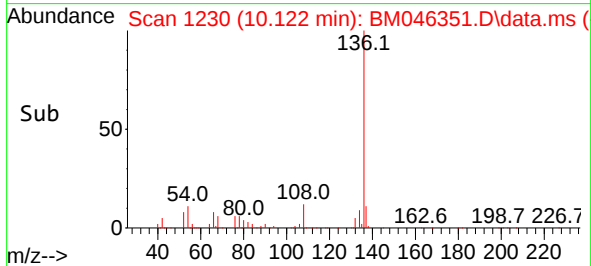
Instrument :
BNA_M
ClientSampleId :
7-S-1MSD



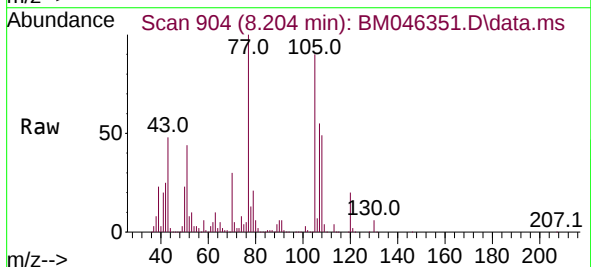
Tgt Ion:136 Resp: 584850
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 11.4 9.0 13.4
68 6.0 5.1 7.7

Manual Integrations
APPROVED

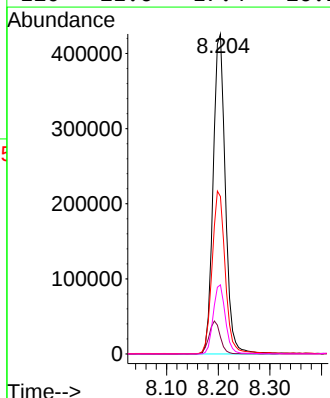
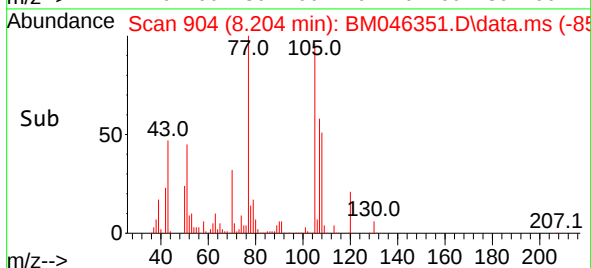
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

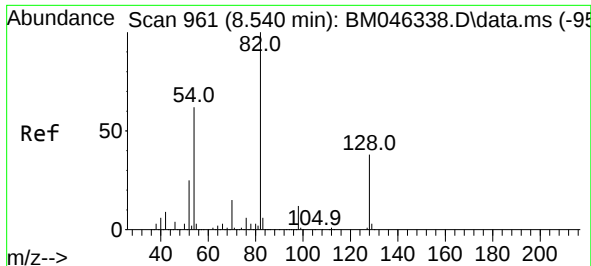


#22
Acetophenone
Concen: 42.863 ng
RT: 8.204 min Scan# 904
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05



Tgt Ion:105 Resp: 700228
Ion Ratio Lower Upper
105 100
71 5.3 4.2 6.2
51 49.2 39.4 59.0
120 21.6 17.4 26.2





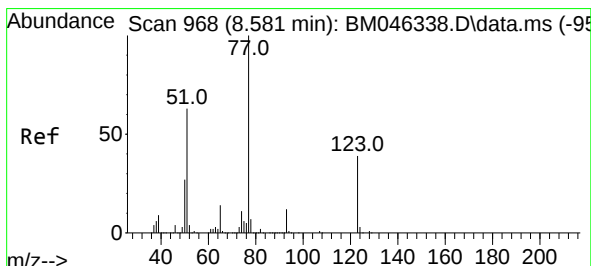
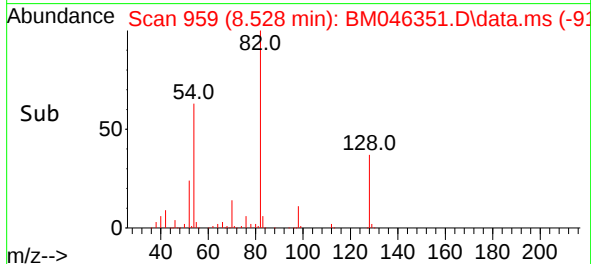
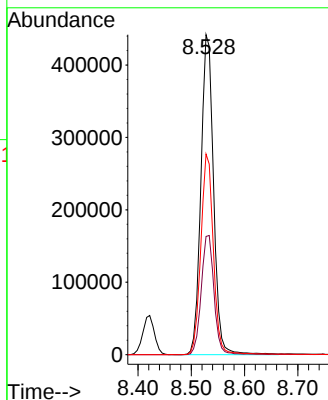
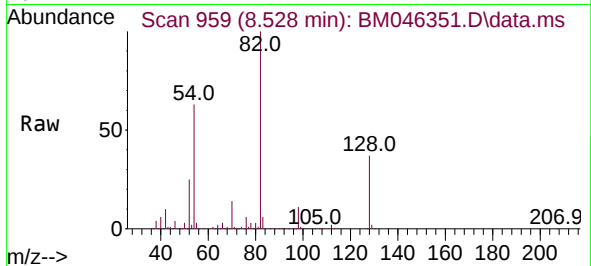
#23
Nitrobenzene-d5
Concen: 51.758 ng
RT: 8.528 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

Instrument :
BNA_M
ClientSampleId :
7-S-1MSD

Tgt Ion: 82 Resp: 730205
Ion Ratio Lower Upper
82 100
128 37.0 30.6 46.0
54 62.7 49.6 74.4

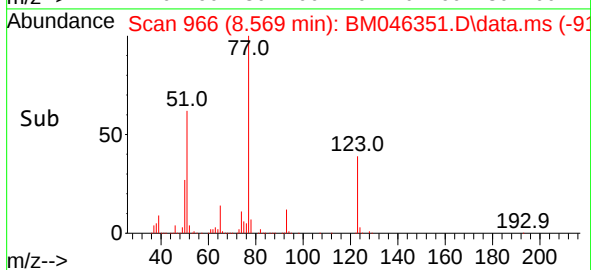
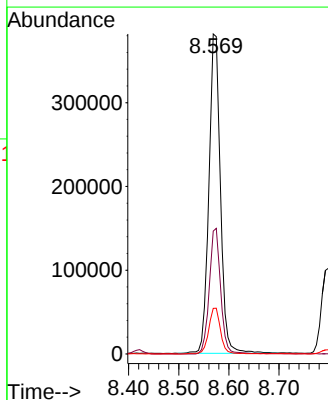
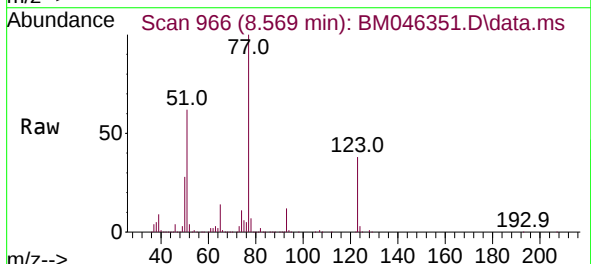
Manual Integrations
APPROVED

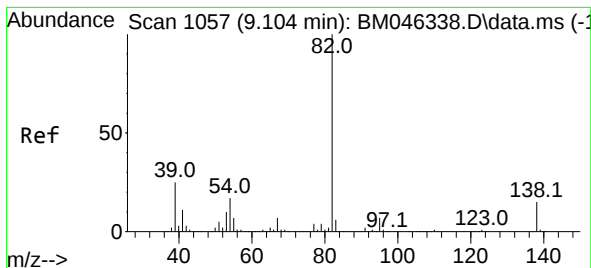
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#24
Nitrobenzene
Concen: 44.035 ng
RT: 8.569 min Scan# 966
Delta R.T. -0.012 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

Tgt Ion: 77 Resp: 610268
Ion Ratio Lower Upper
77 100
123 38.4 31.4 47.0
65 14.2 11.5 17.3





#25

Isophorone

Concen: 45.215 ng

RT: 9.098 min Scan# 1081689

Delta R.T. -0.006 min

Lab File: BM046351.D

Acq: 28 Jun 2024 14:05

Instrument :

BNA_M

ClientSampleId :

7-S-1MSD

Tgt Ion: 82 Resp: 1081689

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

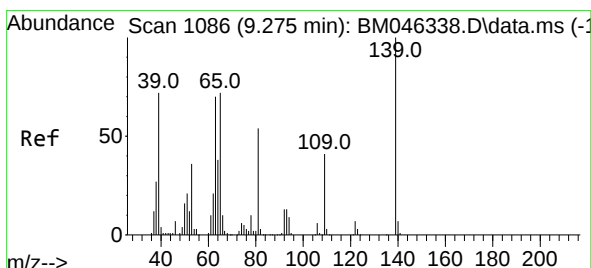
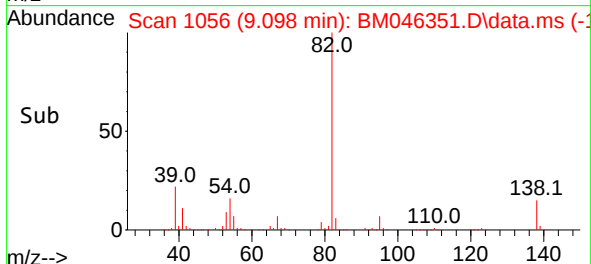
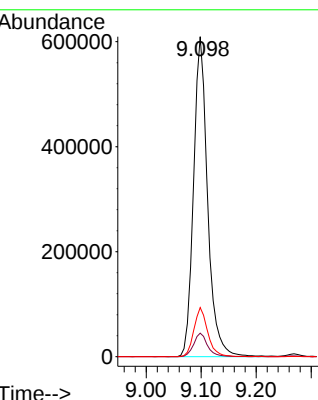
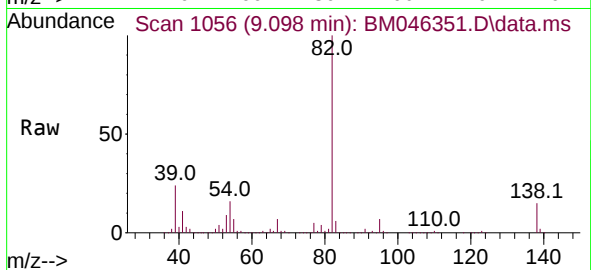
138 15.3 12.2 18.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#26

2-Nitrophenol

Concen: 51.576 ng

RT: 9.269 min Scan# 1085

Delta R.T. -0.006 min

Lab File: BM046351.D

Acq: 28 Jun 2024 14:05

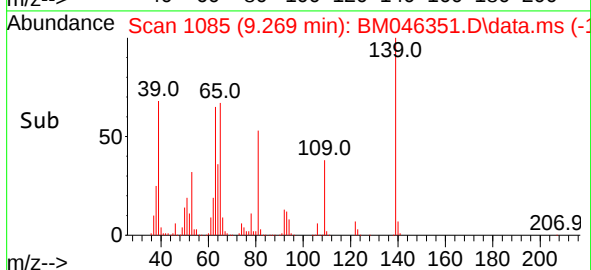
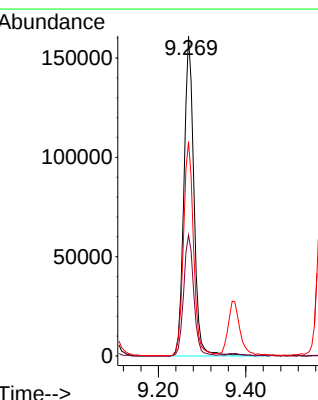
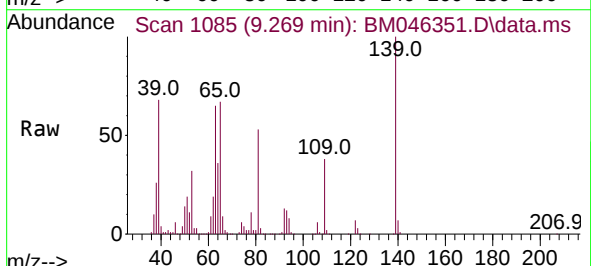
Tgt Ion:139 Resp: 255827

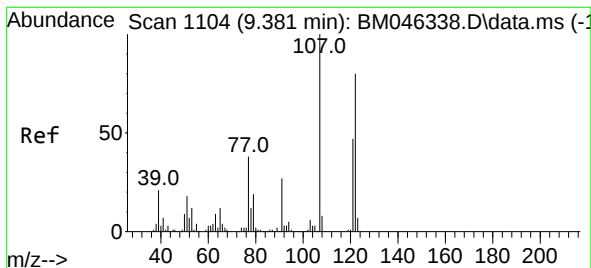
Ion Ratio Lower Upper

139 100

109 37.8 32.9 49.3

65 67.0 57.4 86.2





#27

2,4-Dimethylphenol

Concen: 54.115 ng

RT: 9.375 min Scan# 1104

Delta R.T. -0.006 min

Lab File: BM046351.D

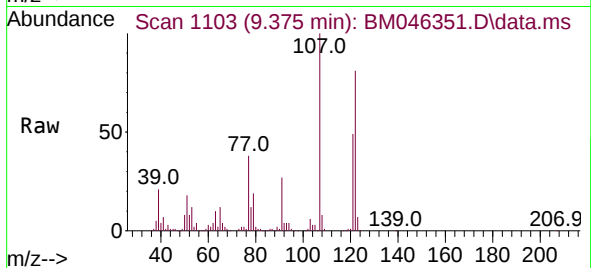
Acq: 28 Jun 2024 14:05

Instrument :

BNA_M

ClientSampleId :

7-S-1MSD



Tgt Ion:122 Resp: 336524

Ion Ratio Lower Upper

122 100

107 124.0 99.5 149.3

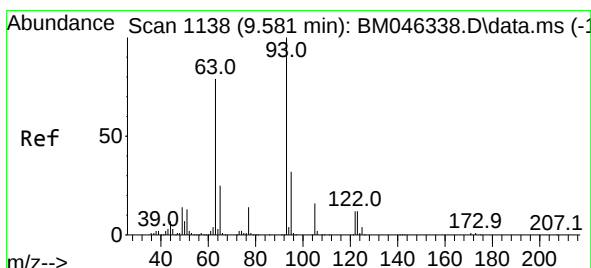
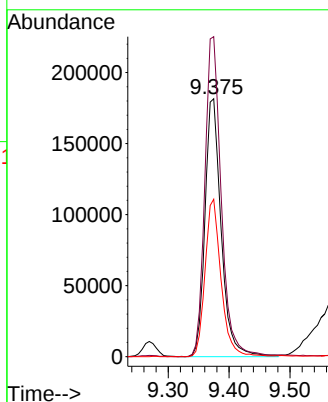
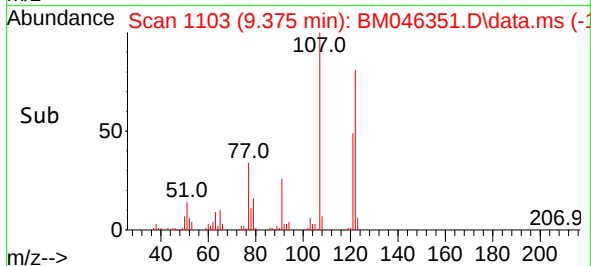
121 61.0 47.2 70.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#28

bis(2-Chloroethoxy)methane

Concen: 47.164 ng

RT: 9.575 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BM046351.D

Acq: 28 Jun 2024 14:05

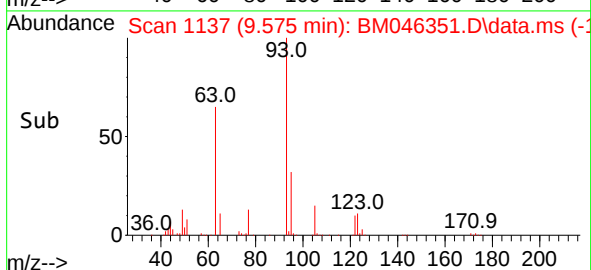
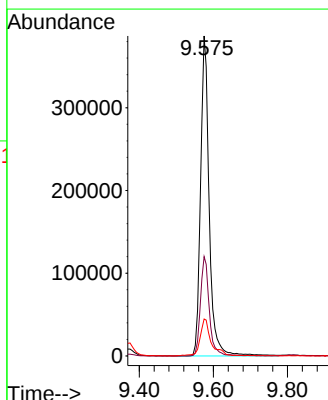
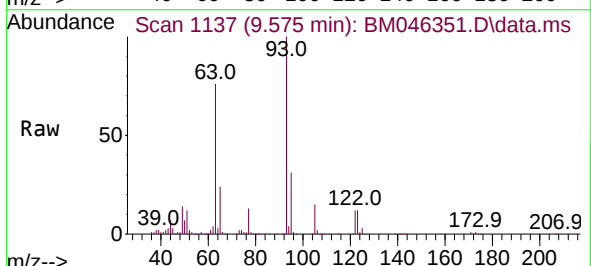
Tgt Ion: 93 Resp: 623377

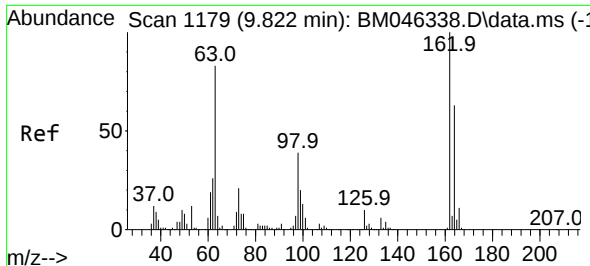
Ion Ratio Lower Upper

93 100

95 31.0 25.6 38.4

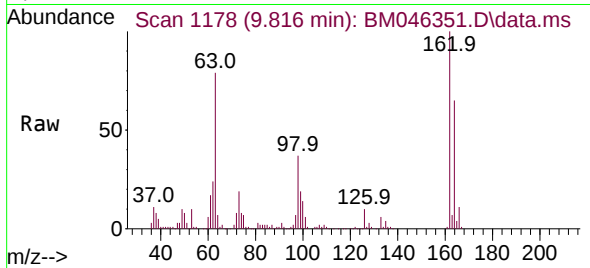
123 11.5 9.5 14.3





#29
2,4-Dichlorophenol
Concen: 51.589 ng
RT: 9.816 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

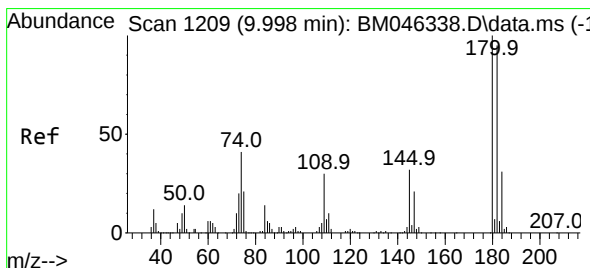
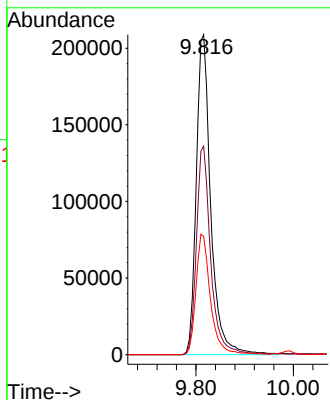
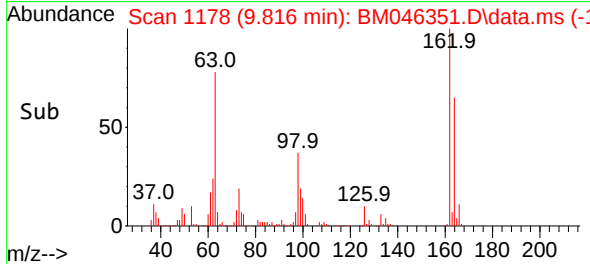
Instrument :
BNA_M
ClientSampleId :
7-S-1MSD



Tgt Ion:162 Resp: 43325
Ion Ratio Lower Upper
162 100
164 65.2 42.7 82.7
98 37.0 19.1 59.1

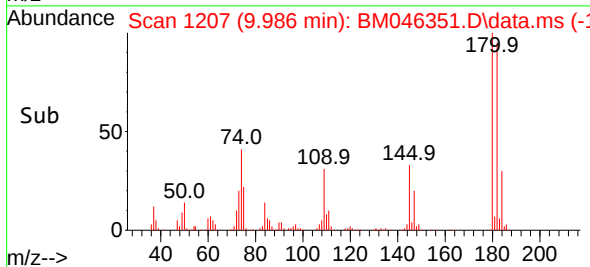
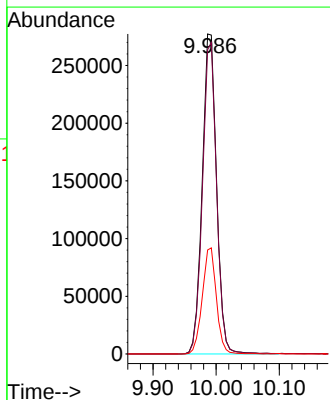
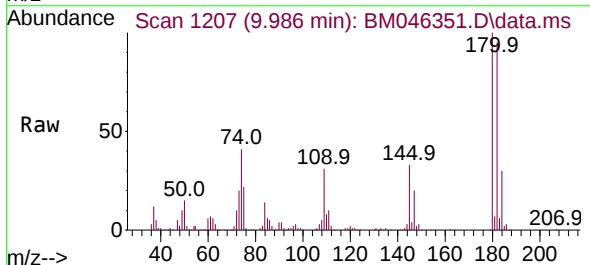
Manual Integrations
APPROVED

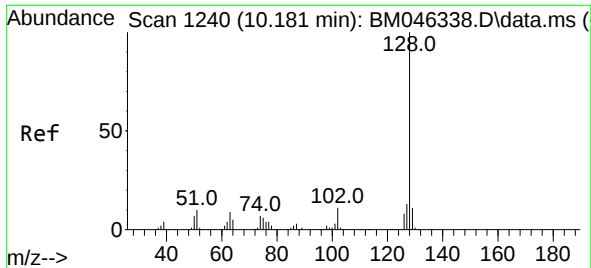
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#30
1,2,4-Trichlorobenzene
Concen: 46.084 ng
RT: 9.986 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

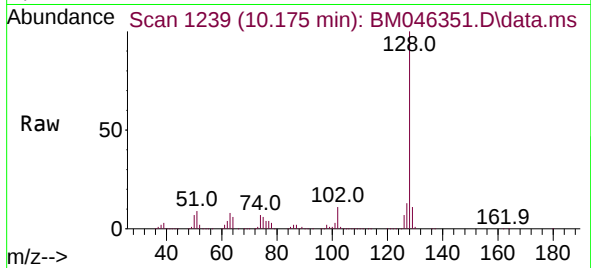
Tgt Ion:180 Resp: 438237
Ion Ratio Lower Upper
180 100
182 95.1 75.6 113.4
145 32.5 26.0 39.0





#31
Naphthalene
Concen: 45.661 ng
RT: 10.175 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

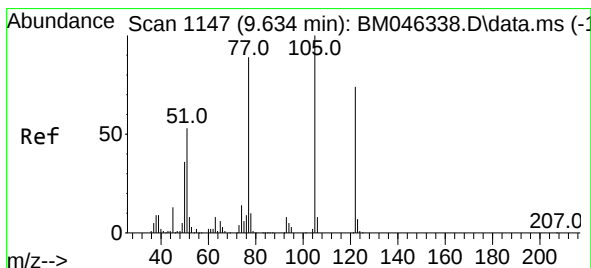
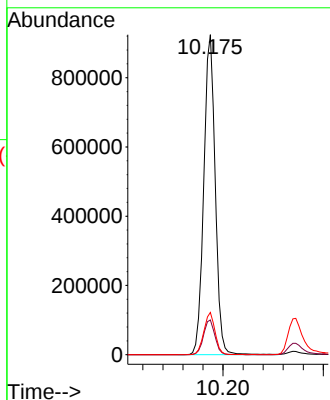
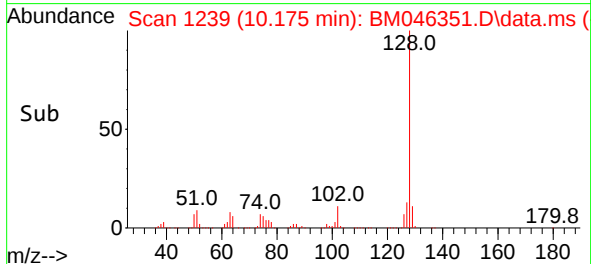
Instrument :
BNA_M
ClientSampleId :
7-S-1MSD



Tgt Ion:128 Resp: 1463534
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 13.2 10.3 15.5

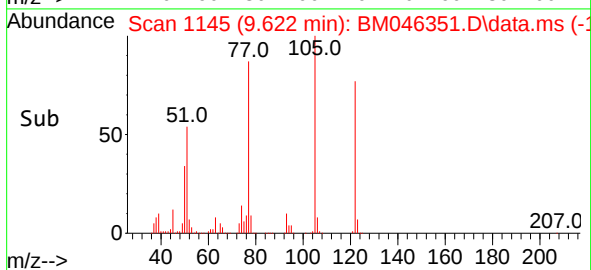
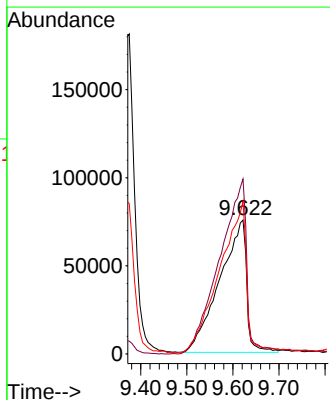
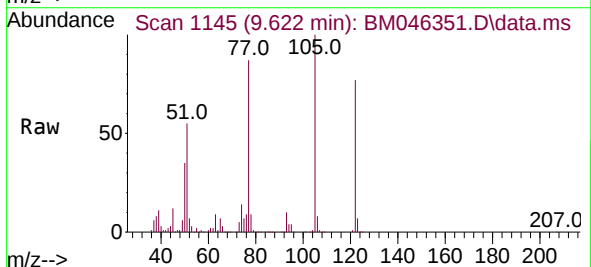
Manual Integrations
APPROVED

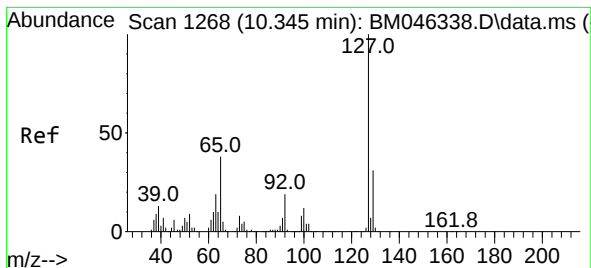
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#32
Benzoic acid
Concen: 40.878 ng
RT: 9.622 min Scan# 1145
Delta R.T. -0.012 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

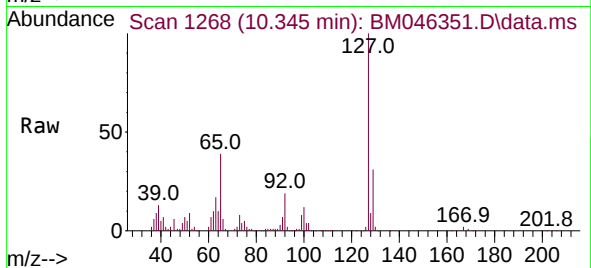
Tgt Ion:122 Resp: 303497
Ion Ratio Lower Upper
122 100
105 130.5 115.0 155.0
77 113.8 100.1 140.1





#33
4-Chloroaniline
Concen: 20.996 ng
RT: 10.345 min Scan# 1268
Delta R.T. -0.000 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

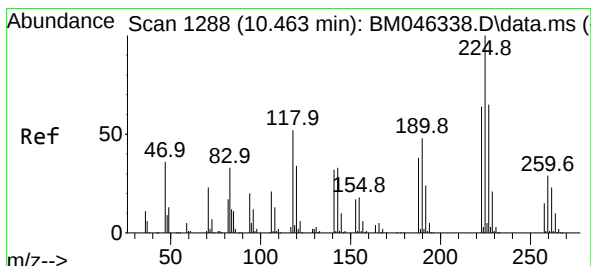
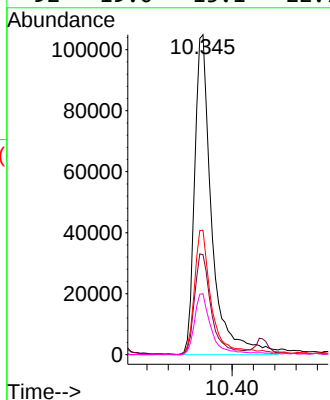
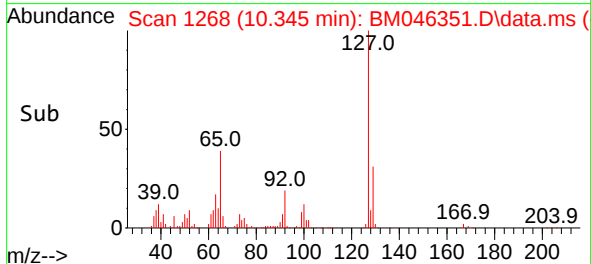
Instrument :
BNA_M
ClientSampleId :
7-S-1MSD



Tgt Ion:127 Resp: 235730
Ion Ratio Lower Upper
127 100
129 31.3 25.0 37.4
65 38.9 30.2 45.4
92 19.0 15.1 22.7

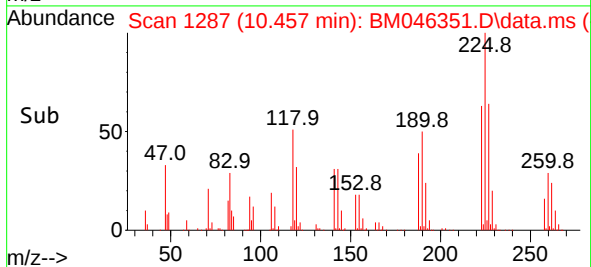
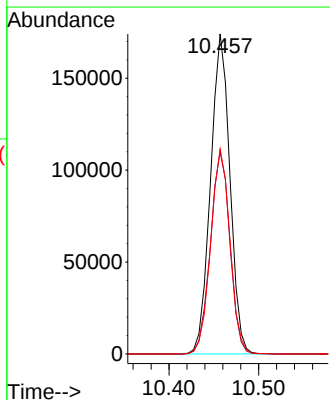
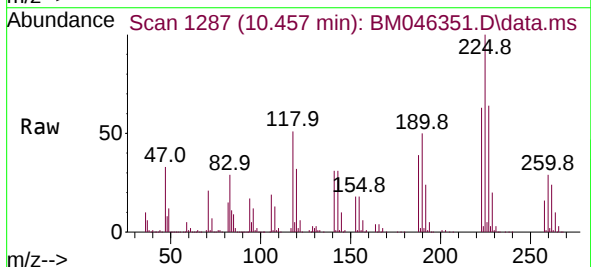
Manual Integrations
APPROVED

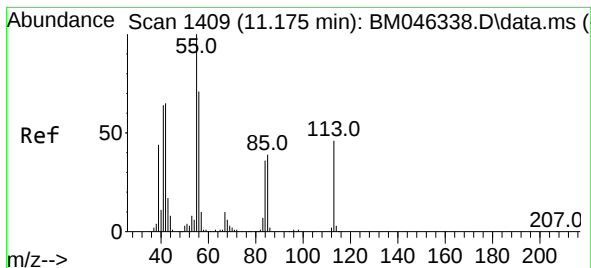
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#34
Hexachlorobutadiene
Concen: 44.449 ng
RT: 10.457 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

Tgt Ion:225 Resp: 260591
Ion Ratio Lower Upper
225 100
223 63.3 50.8 76.2
227 64.1 51.6 77.4





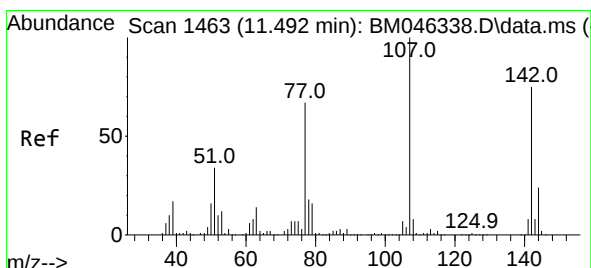
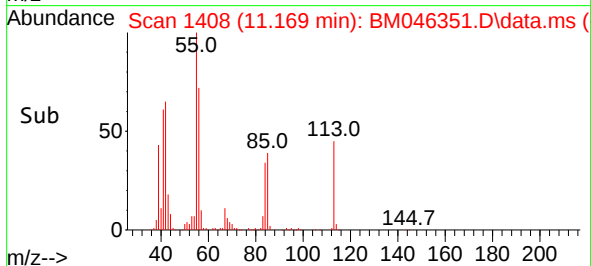
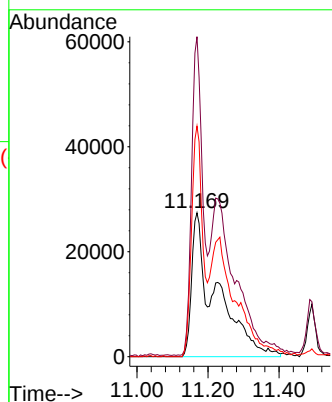
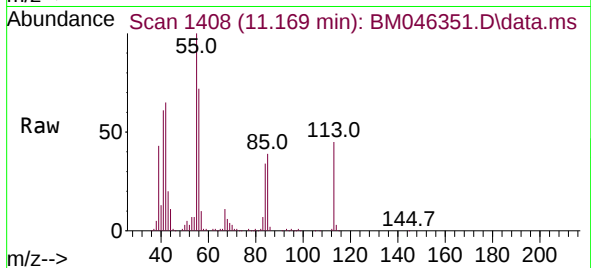
#35
Caprolactam
Concen: 42.612 ng m
RT: 11.169 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

Instrument :
BNA_M
ClientSampleId :
7-S-1MSD

Tgt Ion:113 Resp: 13108
Ion Ratio Lower Upper
113 100
55 222.4 199.3 239.3
56 160.3 136.8 176.8

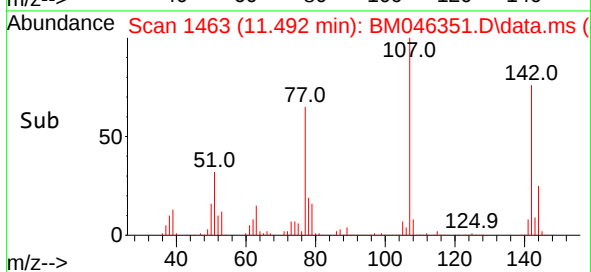
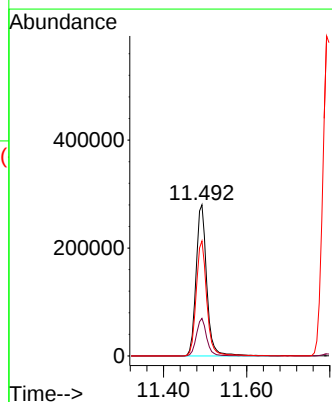
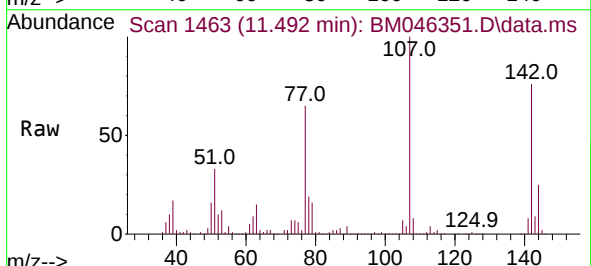
Manual Integrations
APPROVED

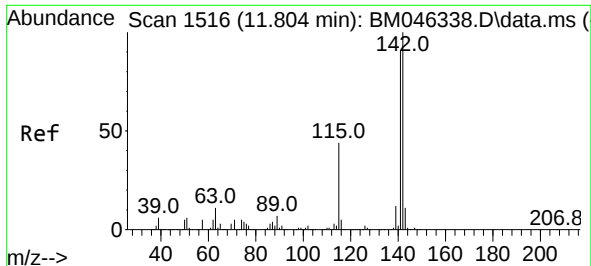
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#36
4-Chloro-3-methylphenol
Concen: 47.924 ng
RT: 11.492 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

Tgt Ion:107 Resp: 500768
Ion Ratio Lower Upper
107 100
144 24.8 19.0 28.4
142 76.1 60.1 90.1





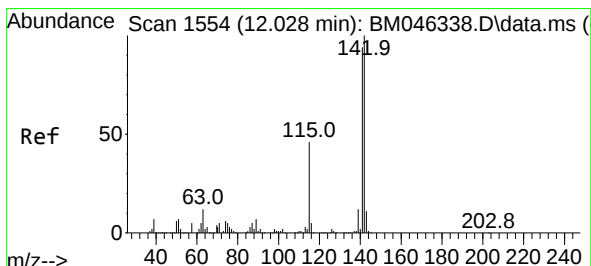
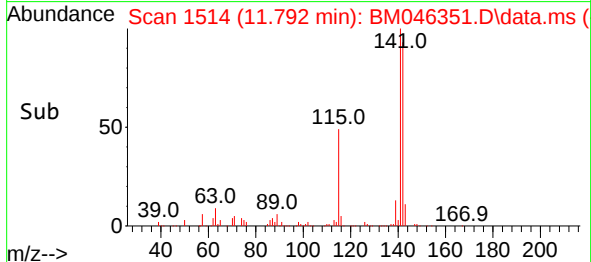
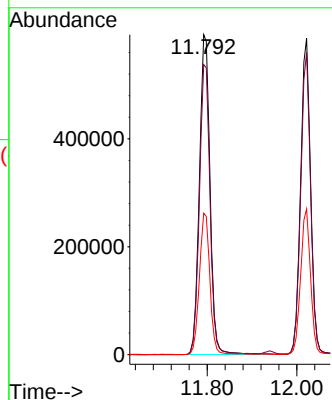
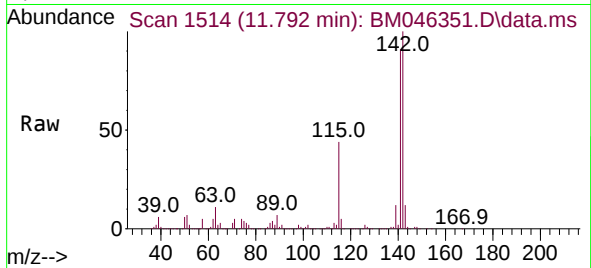
#37
2-Methylnaphthalene
Concen: 45.225 ng
RT: 11.792 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

Instrument :
BNA_M
ClientSampleId :
7-S-1MSD

Tgt Ion:142 Resp: 97758
Ion Ratio Lower Upper
142 100
141 90.6 72.8 109.2
115 44.2 34.8 52.2

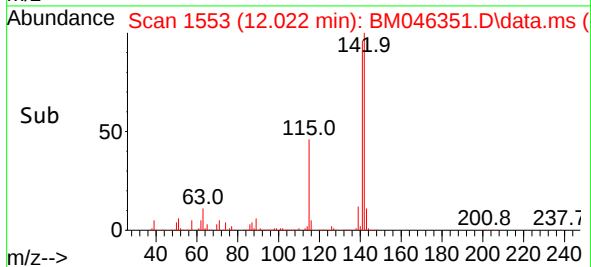
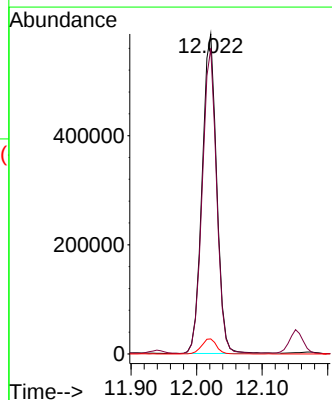
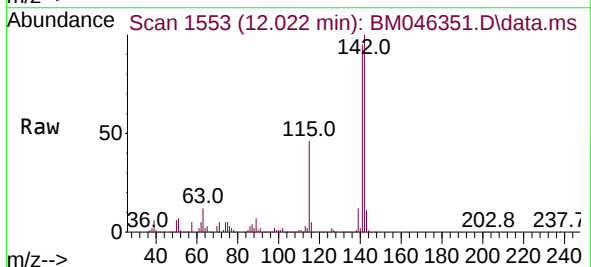
Manual Integrations
APPROVED

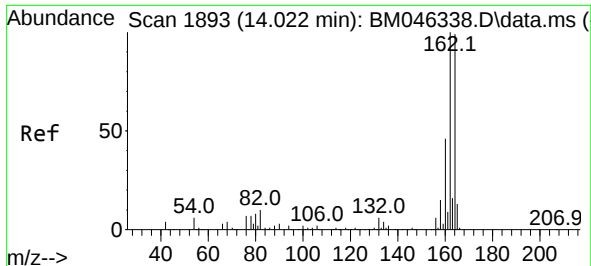
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#38
1-Methylnaphthalene
Concen: 42.302 ng
RT: 12.022 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

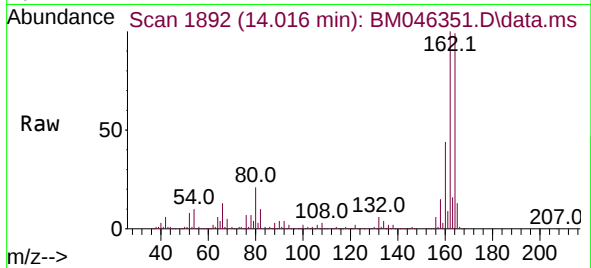
Tgt Ion:142 Resp: 904134
Ion Ratio Lower Upper
142 100
141 95.5 75.3 112.9
116 4.7 3.8 5.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

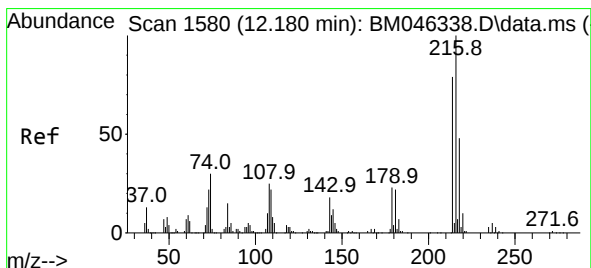
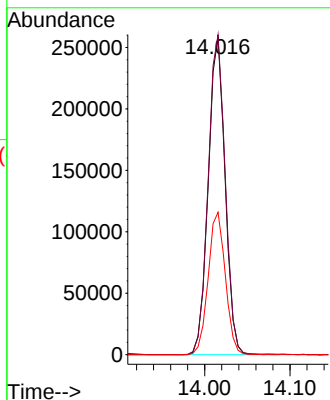
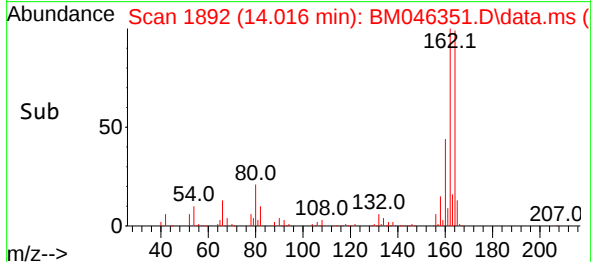
Instrument :
BNA_M
ClientSampleId :
7-S-1MSD



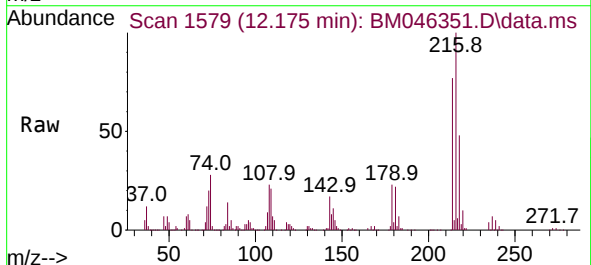
Tgt Ion:164 Resp: 35384
Ion Ratio Lower Upper
164 100
162 100.6 80.5 120.7
160 44.8 37.0 55.6

Manual Integrations
APPROVED

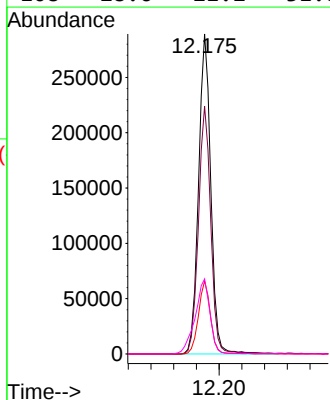
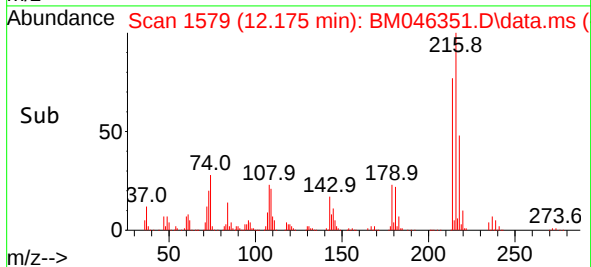
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

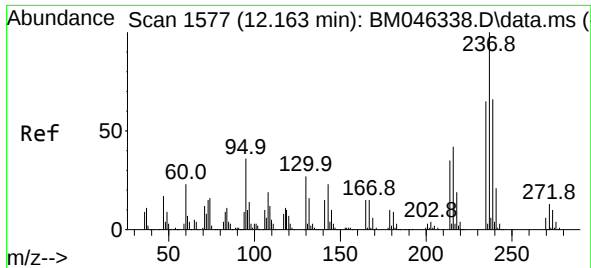


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.896 ng
RT: 12.175 min Scan# 1579
Delta R.T. -0.005 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05



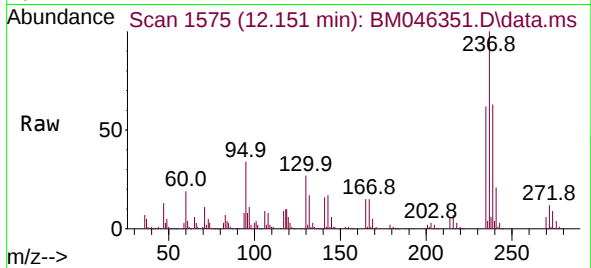
Tgt Ion:216 Resp: 433252
Ion Ratio Lower Upper
216 100
214 77.7 63.4 95.2
179 22.4 17.9 26.9
108 28.6 21.2 31.8





#41
Hexachlorocyclopentadiene
Concen: 109.314 ng
RT: 12.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

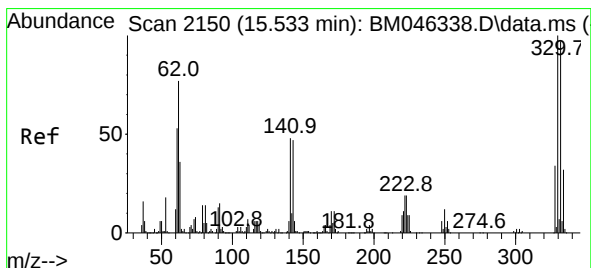
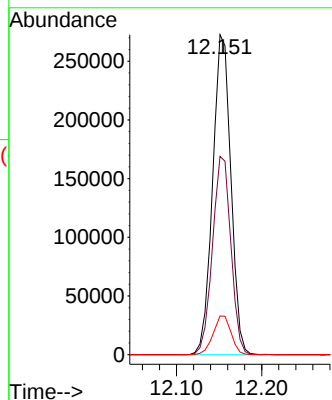
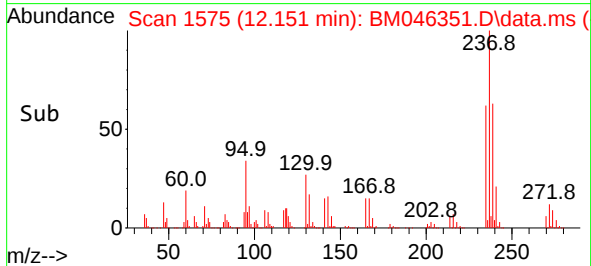
Instrument :
BNA_M
ClientSampleId :
7-S-1MSD



Tgt Ion:237 Resp: 404382
Ion Ratio Lower Upper
237 100
235 62.0 44.5 84.5
272 12.1 0.0 33.4

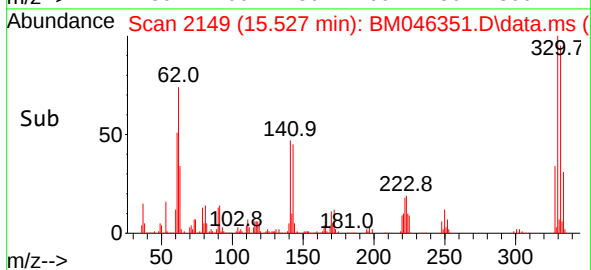
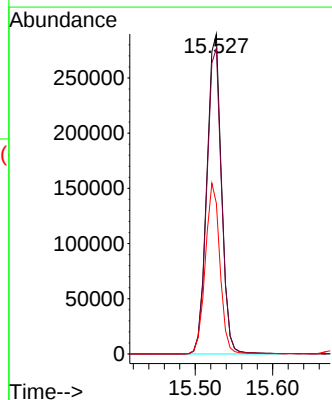
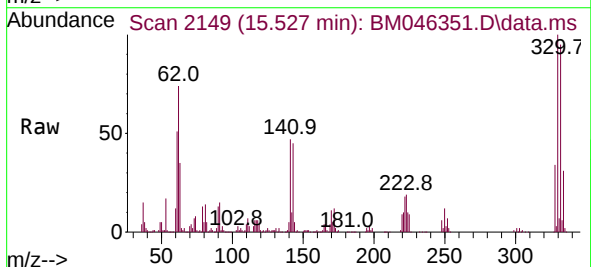
Manual Integrations
APPROVED

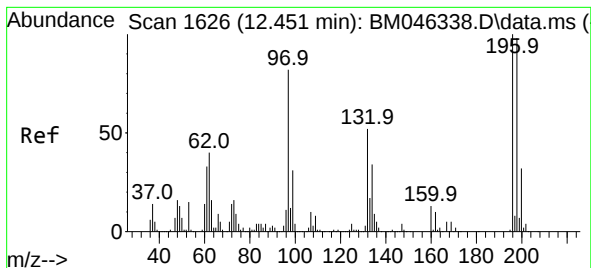
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#42
2,4,6-Tribromophenol
Concen: 88.429 ng
RT: 15.527 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

Tgt Ion:330 Resp: 380530
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.6
141 53.1 43.2 64.8





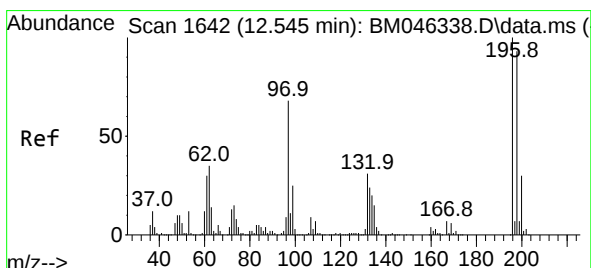
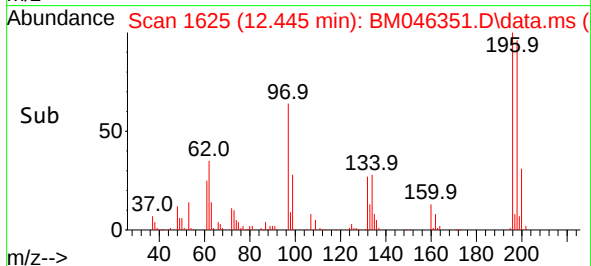
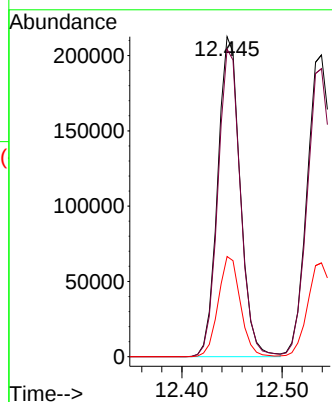
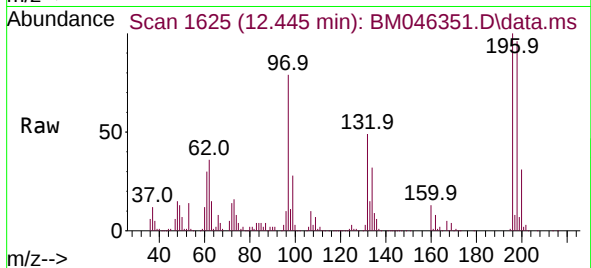
#43
2,4,6-Trichlorophenol
Concen: 52.673 ng
RT: 12.445 min Scan# 1625
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

Instrument :
BNA_M
ClientSampleId :
7-S-1MSD

Tgt Ion:196 Resp: 33025
Ion Ratio Lower Upper
196 100
198 96.1 78.7 118.1
200 31.3 25.5 38.3

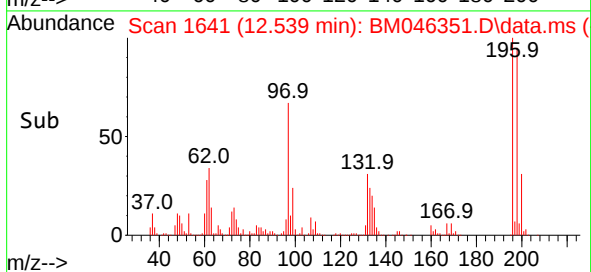
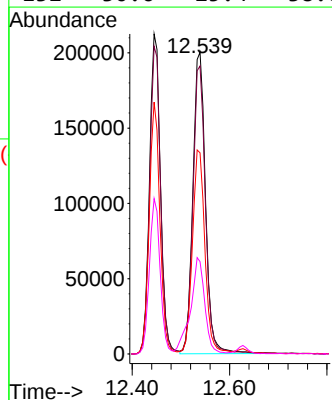
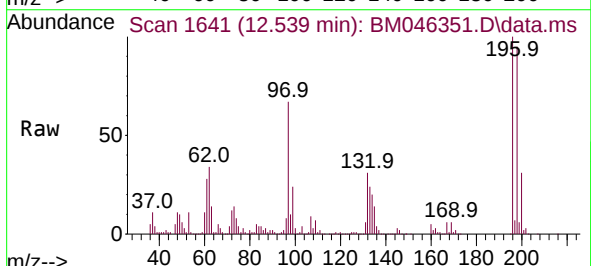
Manual Integrations
APPROVED

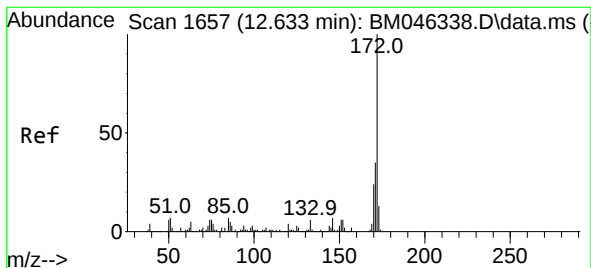
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#44
2,4,5-Trichlorophenol
Concen: 50.157 ng
RT: 12.539 min Scan# 1641
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

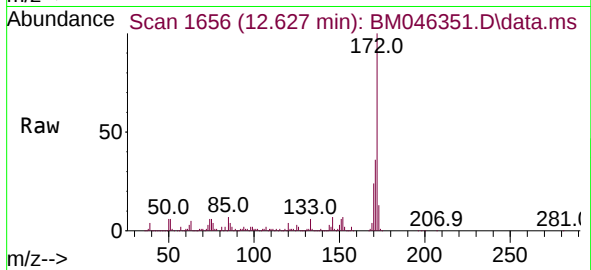
Tgt Ion:196 Resp: 362372
Ion Ratio Lower Upper
196 100
198 95.4 74.7 112.1
97 66.7 54.6 82.0
132 30.6 25.4 38.0





#45
2-Fluorobiphenyl
Concen: 46.559 ng
RT: 12.627 min Scan# 1656
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

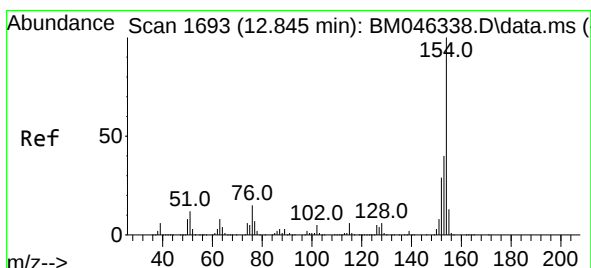
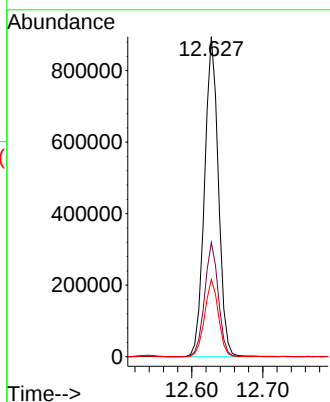
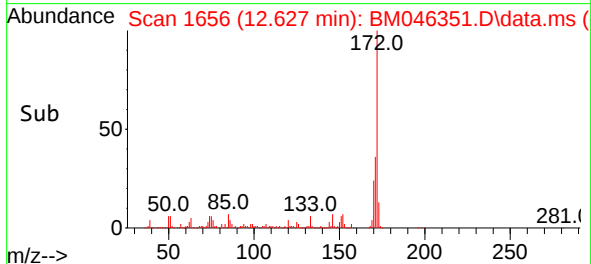
Instrument :
BNA_M
ClientSampleId :
7-S-1MSD



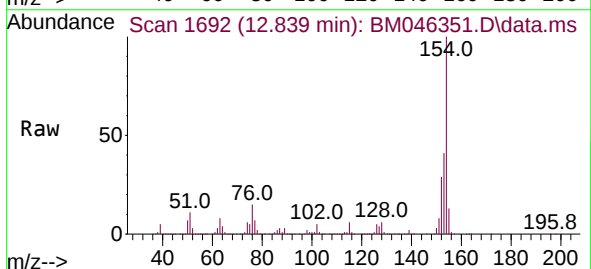
Tgt Ion:172 Resp: 1215520
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 24.1 19.4 29.0

Manual Integrations
APPROVED

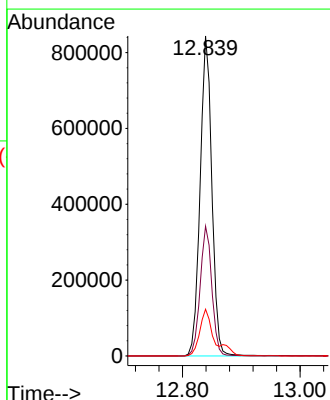
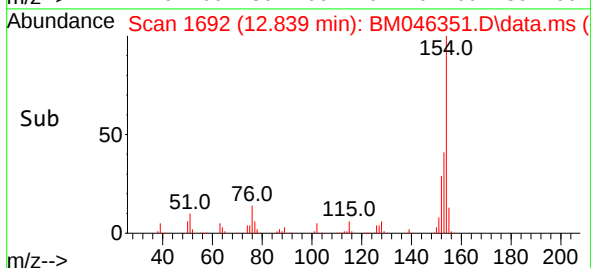
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

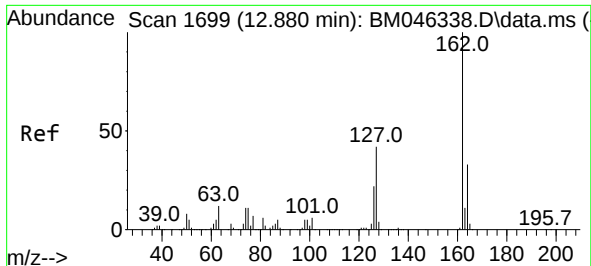


#46
1,1'-Biphenyl
Concen: 44.280 ng
RT: 12.839 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05



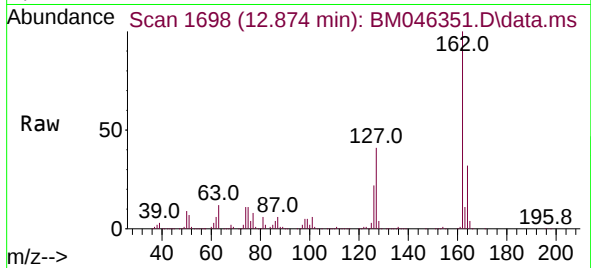
Tgt Ion:154 Resp: 1173012
Ion Ratio Lower Upper
154 100
153 40.6 19.8 59.8
76 14.6 0.0 34.8





#47
2-Chloronaphthalene
Concen: 46.997 ng
RT: 12.874 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

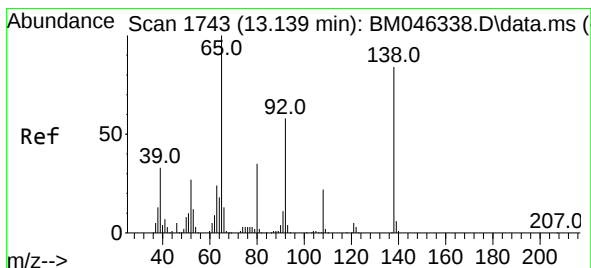
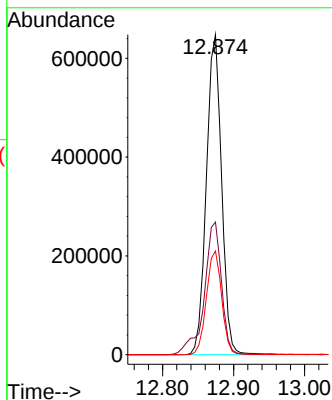
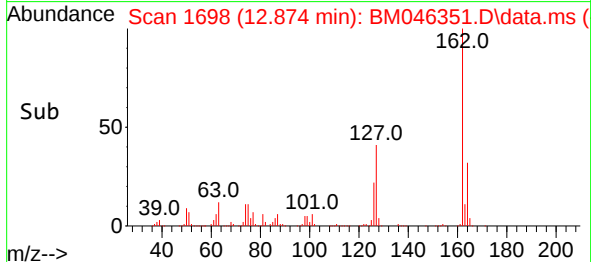
Instrument :
BNA_M
ClientSampleId :
7-S-1MSD



Tgt Ion:162 Resp: 966403
Ion Ratio Lower Upper
162 100
127 41.5 34.1 51.1
164 32.4 26.1 39.1

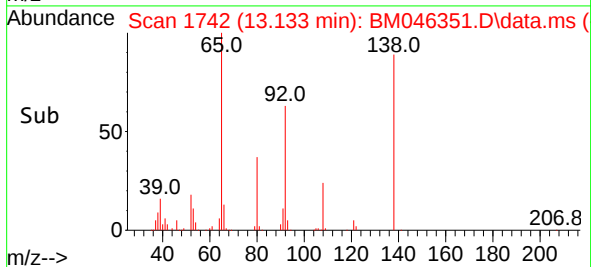
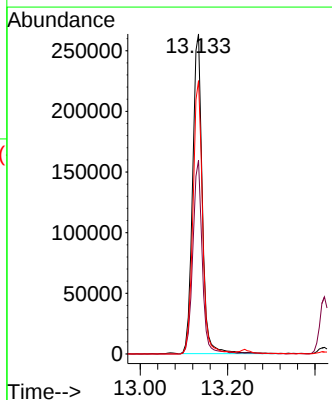
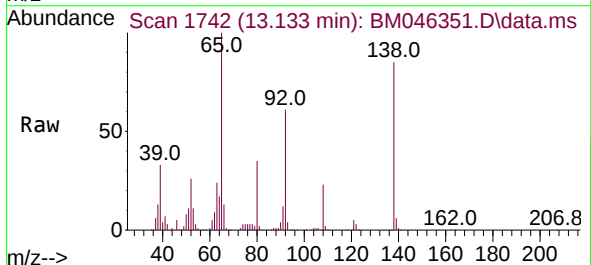
Manual Integrations
APPROVED

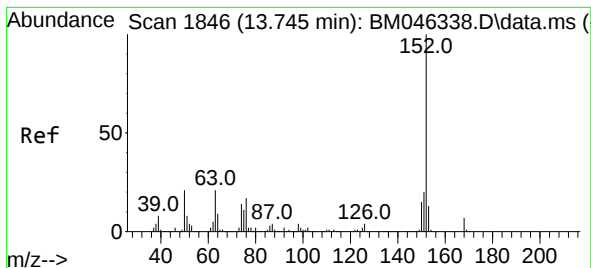
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#48
2-Nitroaniline
Concen: 49.843 ng
RT: 13.133 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

Tgt Ion: 65 Resp: 406901
Ion Ratio Lower Upper
65 100
92 60.5 46.7 70.1
138 85.4 67.3 100.9





#49

Acenaphthylene

Concen: 52.442 ng

RT: 13.733 min Scan# 11

Delta R.T. -0.012 min

Lab File: BM046351.D

Acq: 28 Jun 2024 14:05

Instrument :

BNA_M

ClientSampleId :

7-S-1MSD

Tgt Ion:152 Resp: 166249

Ion Ratio Lower Upper

152 100

151 19.9 15.7 23.5

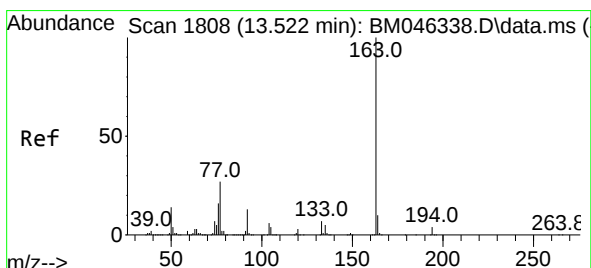
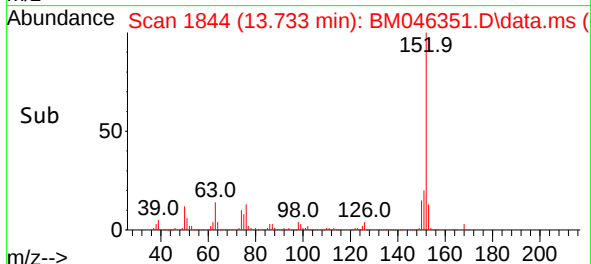
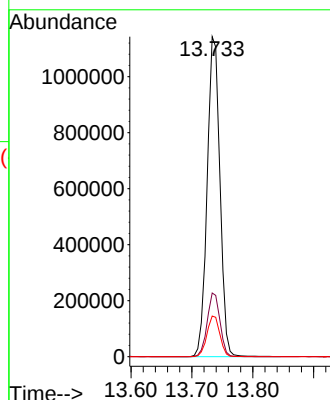
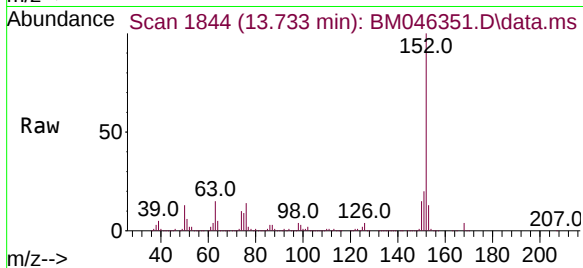
153 12.7 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#50

Dimethylphthalate

Concen: 47.592 ng

RT: 13.516 min Scan# 1807

Delta R.T. -0.006 min

Lab File: BM046351.D

Acq: 28 Jun 2024 14:05

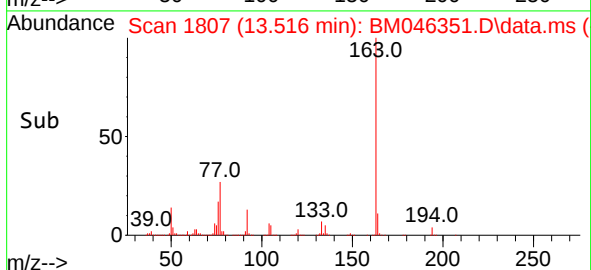
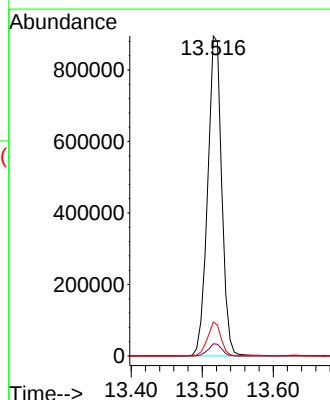
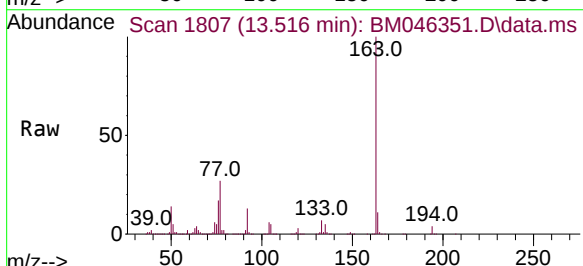
Tgt Ion:163 Resp: 1231062

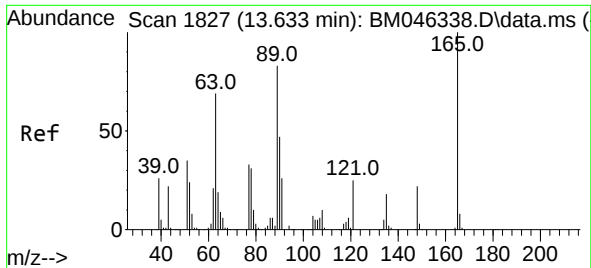
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 10.6 7.8 11.8





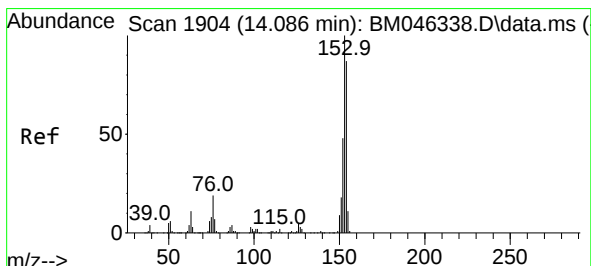
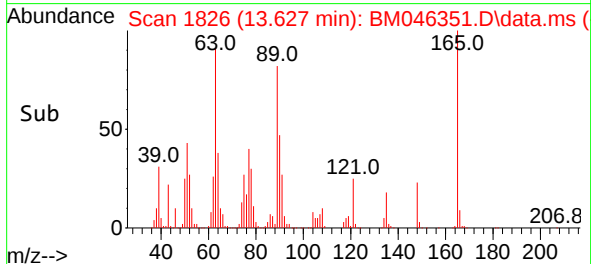
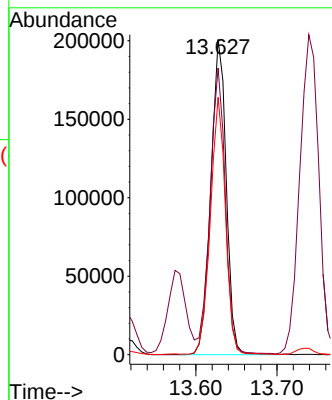
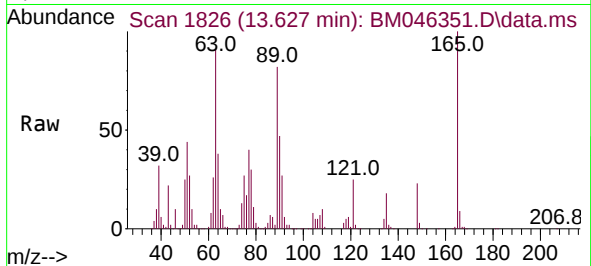
#51
2,6-Dinitrotoluene
Concen: 45.792 ng
RT: 13.627 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

Instrument :
BNA_M
ClientSampleId :
7-S-1MSD

Tgt Ion:165 Resp: 263778
Ion Ratio Lower Upper
165 100
63 90.9 74.4 111.6
89 81.6 66.2 99.2

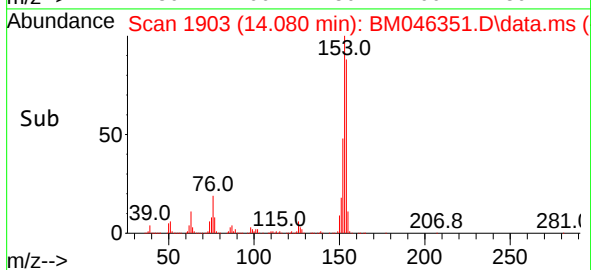
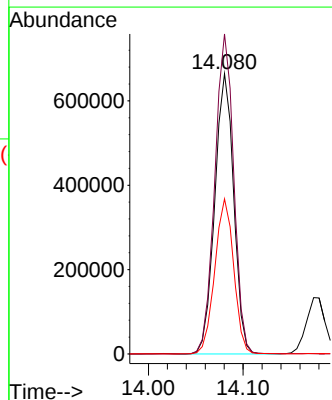
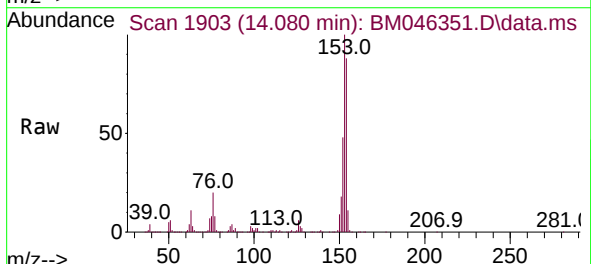
Manual Integrations
APPROVED

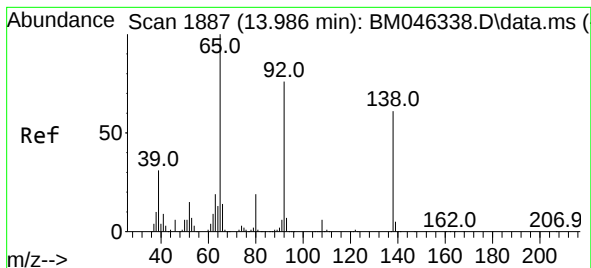
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#52
Acenaphthene
Concen: 46.958 ng
RT: 14.080 min Scan# 1903
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

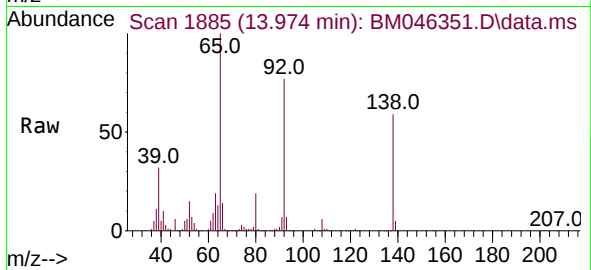
Tgt Ion:154 Resp: 925309
Ion Ratio Lower Upper
154 100
153 114.1 92.0 138.0
152 55.3 44.4 66.6





#53
3-Nitroaniline
Concen: 34.712 ng
RT: 13.974 min Scan# 1885
Delta R.T. -0.012 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

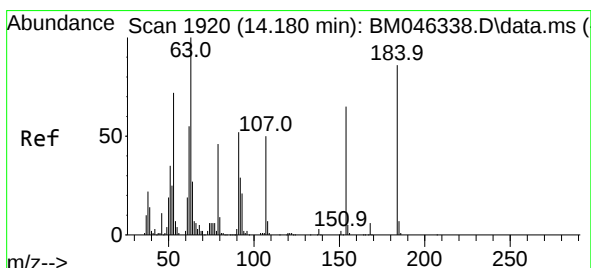
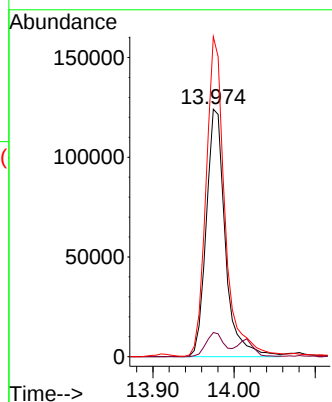
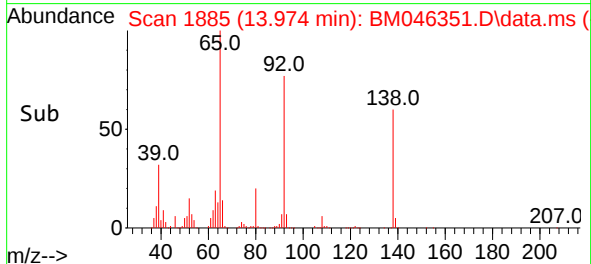
Instrument :
BNA_M
ClientSampleId :
7-S-1MSD



Tgt Ion:138 Resp: 202025
Ion Ratio Lower Upper
138 100
108 9.7 7.4 11.0
92 129.3 99.3 148.9

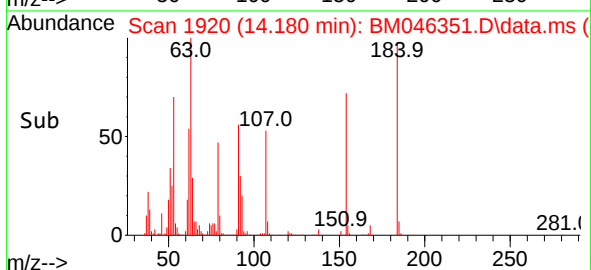
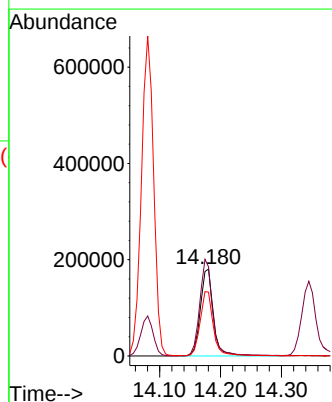
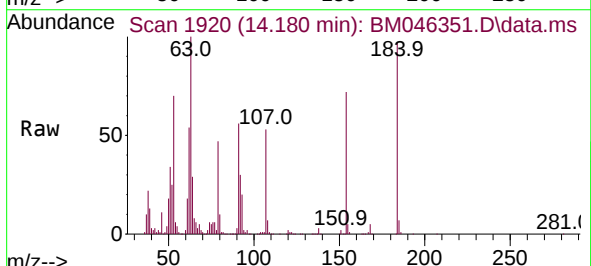
Manual Integrations
APPROVED

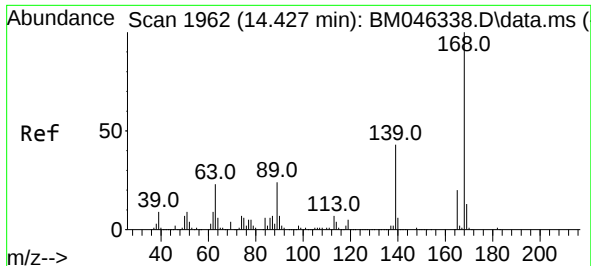
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#54
2,4-Dinitrophenol
Concen: 78.817 ng
RT: 14.180 min Scan# 1920
Delta R.T. 0.000 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

Tgt Ion:184 Resp: 267987
Ion Ratio Lower Upper
184 100
63 102.7 93.5 140.3
154 73.6 61.2 91.8





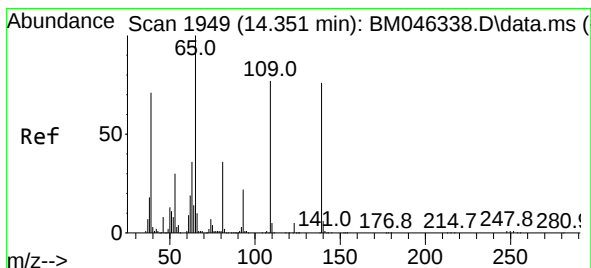
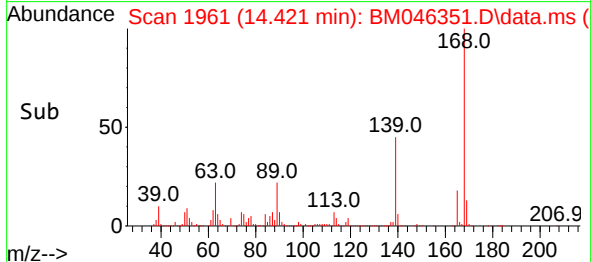
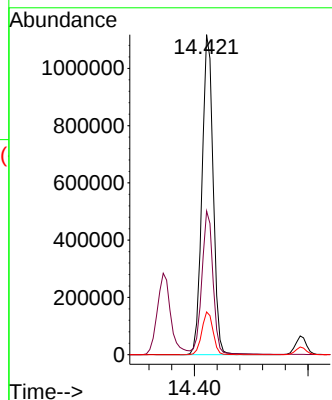
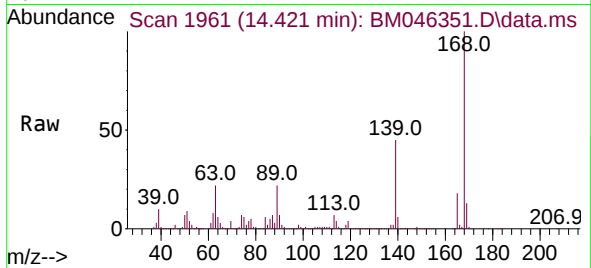
#55
Dibenzenofuran
Concen: 48.190 ng
RT: 14.421 min Scan# 1961
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

Instrument :
BNA_M
ClientSampleId :
7-S-1MSD

Tgt Ion:168 Resp: 152158
Ion Ratio Lower Upper
168 100
139 44.9 35.4 53.2
169 13.4 10.7 16.1

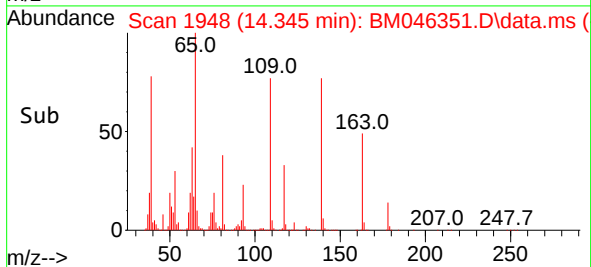
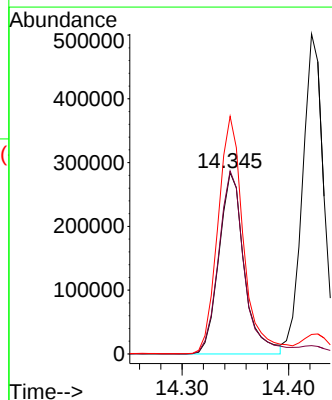
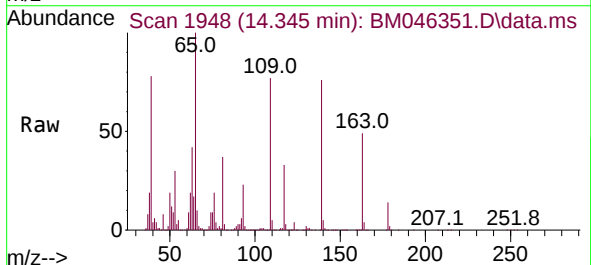
Manual Integrations
APPROVED

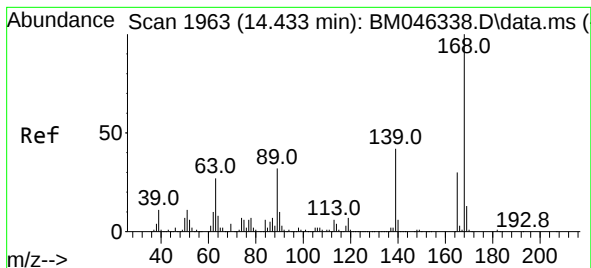
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#56
4-Nitrophenol
Concen: 96.208 ng
RT: 14.345 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

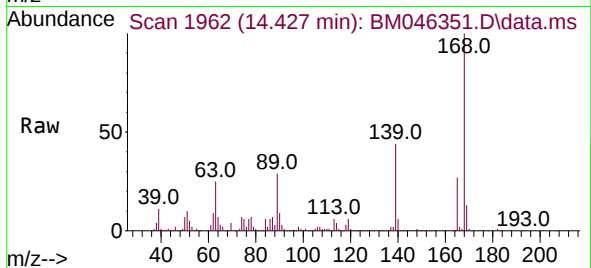
Tgt Ion:139 Resp: 467635
Ion Ratio Lower Upper
139 100
109 100.9 82.0 122.0
65 131.0 112.0 152.0





#57
2,4-Dinitrotoluene
Concen: 47.106 ng
RT: 14.427 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

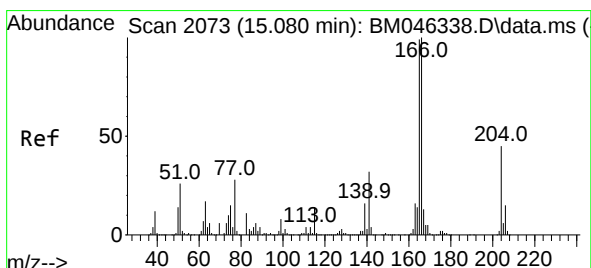
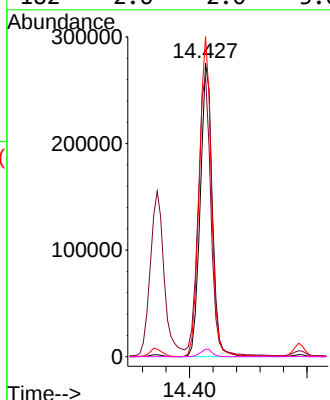
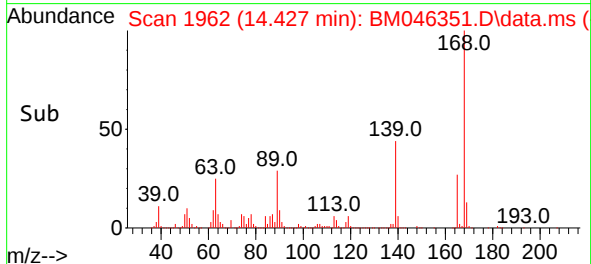
Instrument :
BNA_M
ClientSampleId :
7-S-1MSD



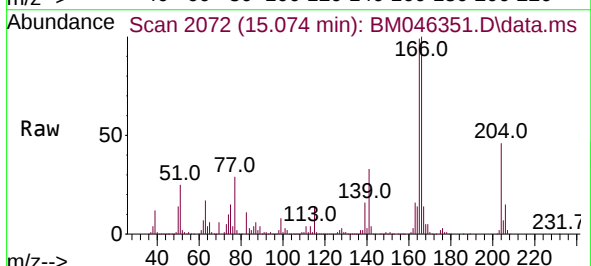
Tgt Ion:165 Resp: 392682
Ion Ratio Lower Upper
165 100
63 95.7 74.2 111.2
89 109.1 86.1 129.1
182 2.6 2.0 3.0

Manual Integrations
APPROVED

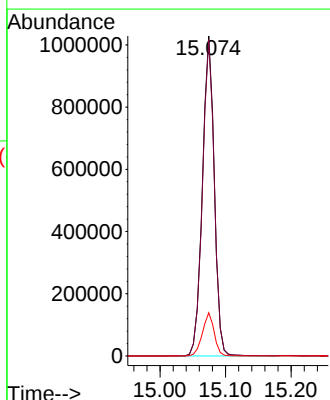
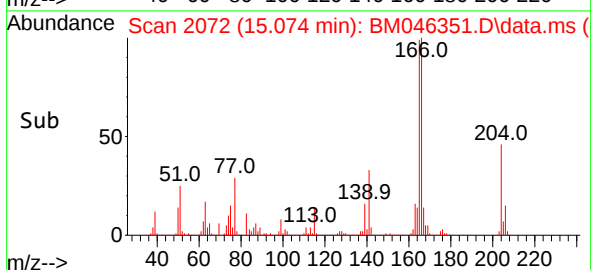
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

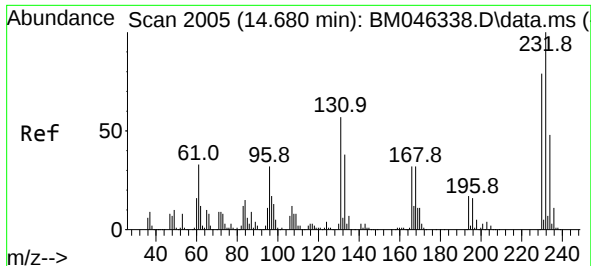


#58
Fluorene
Concen: 48.069 ng
RT: 15.074 min Scan# 2072
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05



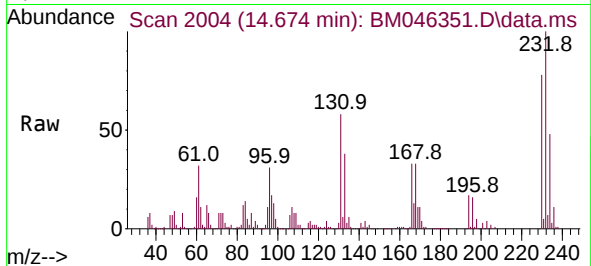
Tgt Ion:166 Resp: 1298253
Ion Ratio Lower Upper
166 100
165 98.9 79.4 119.0
167 13.5 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.835 ng
RT: 14.674 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

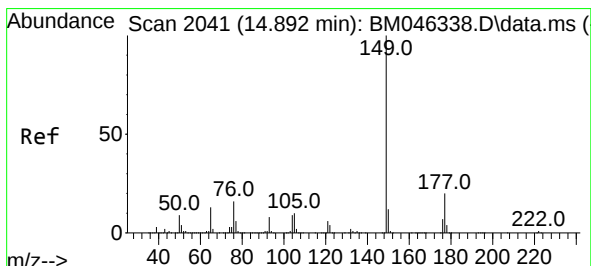
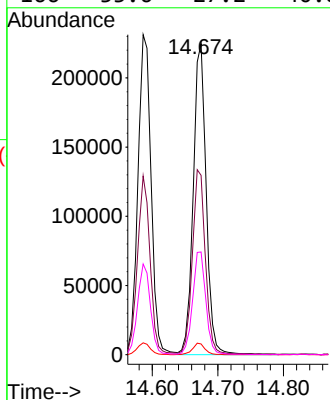
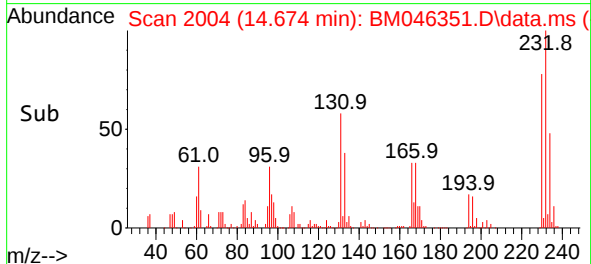
Instrument :
BNA_M
ClientSampleId :
7-S-1MSD



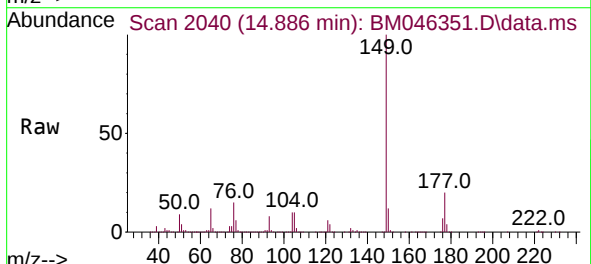
Tgt Ion:232 Resp: 309552
Ion Ratio Lower Upper
232 100
131 59.2 48.3 72.5
130 3.5 2.7 4.1
166 33.6 27.2 40.8

Manual Integrations
APPROVED

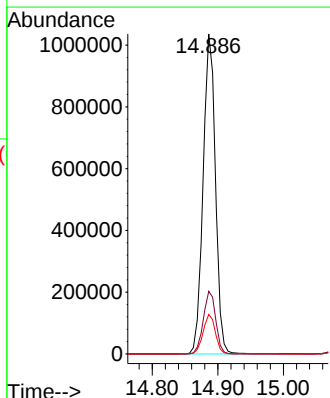
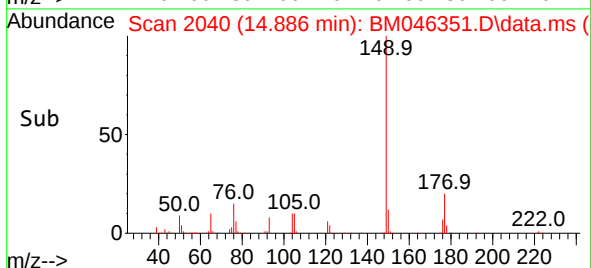
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

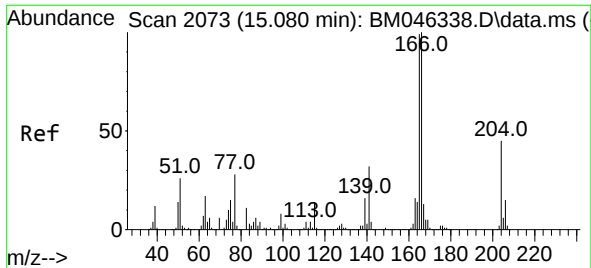


#60
Diethylphthalate
Concen: 47.690 ng
RT: 14.886 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05



Tgt Ion:149 Resp: 1357018
Ion Ratio Lower Upper
149 100
177 19.6 15.8 23.8
150 12.3 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 47.959 ng
RT: 15.074 min Scan# 2073
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

Instrument :

BNA_M

ClientSampleId :

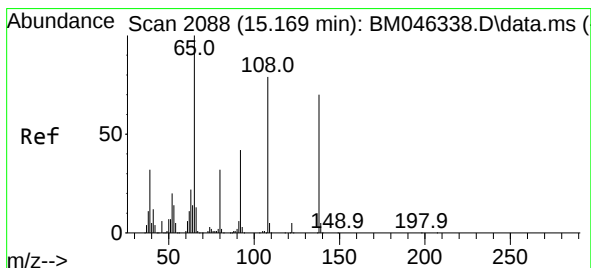
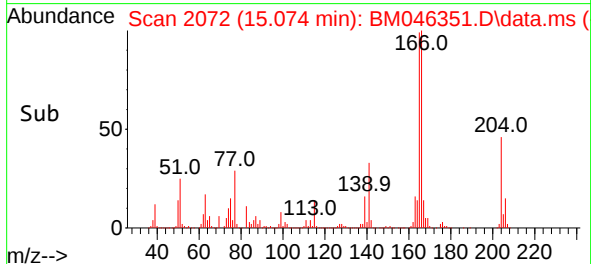
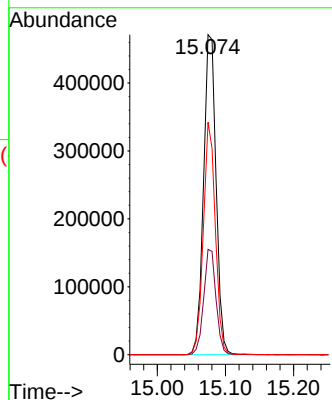
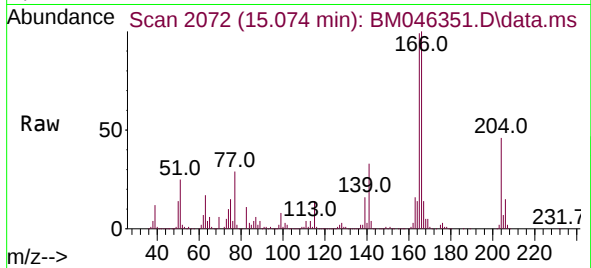
7-S-1MSD

Tgt Ion:204 Resp: 602920
Ion Ratio Lower Upper
204 100
206 32.9 25.8 38.8
141 72.7 57.4 86.2

Manual Integrations

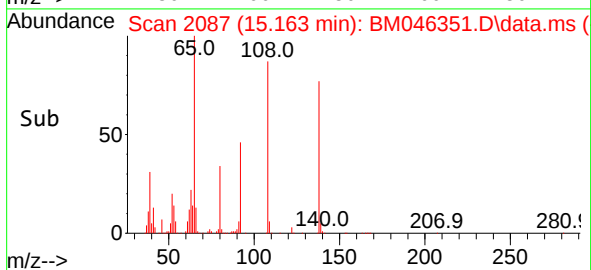
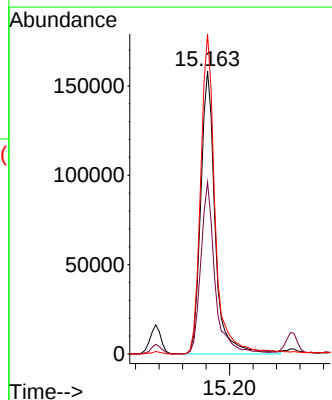
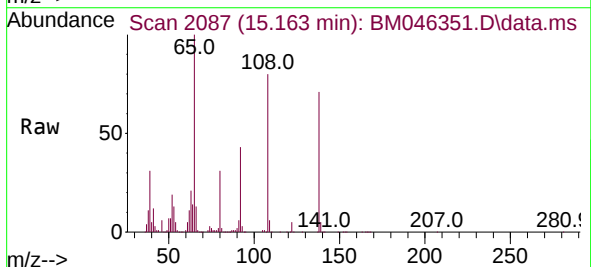
APPROVED

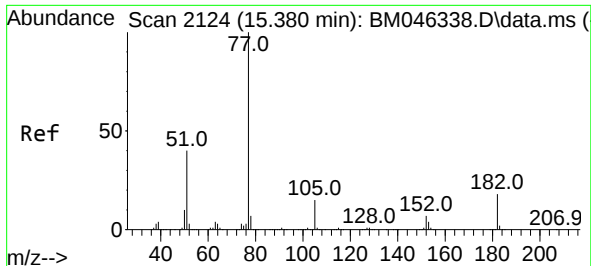
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#62
4-Nitroaniline
Concen: 47.161 ng
RT: 15.163 min Scan# 2087
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

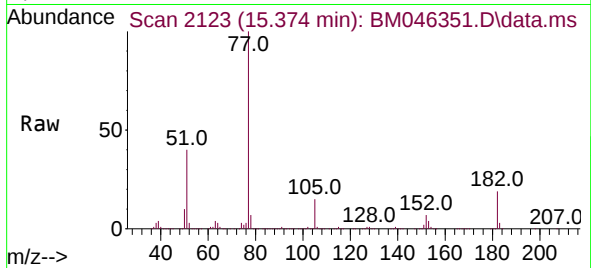
Tgt Ion:138 Resp: 269360
Ion Ratio Lower Upper
138 100
92 60.7 39.5 79.5
108 113.1 91.6 131.6





#63
Azobenzene
Concen: 48.214 ng
RT: 15.374 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

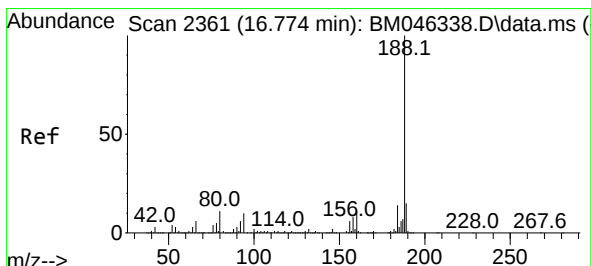
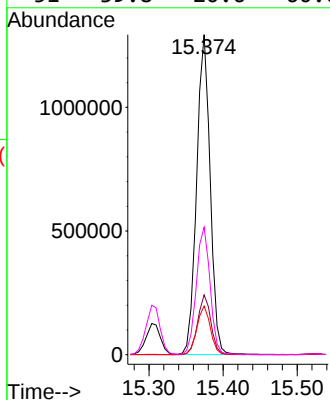
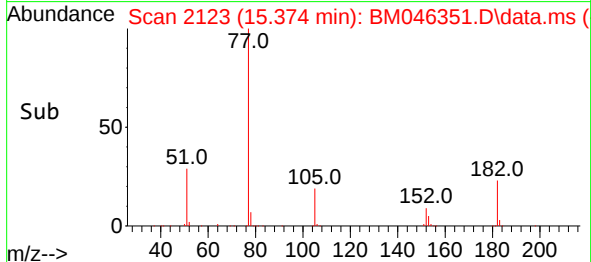
Instrument :
BNA_M
ClientSampleId :
7-S-1MSD



Tgt Ion: 77 Resp: 163490
Ion Ratio Lower Upper
77 100
182 18.7 0.0 37.9
105 15.2 0.0 35.1
51 39.8 20.6 60.6

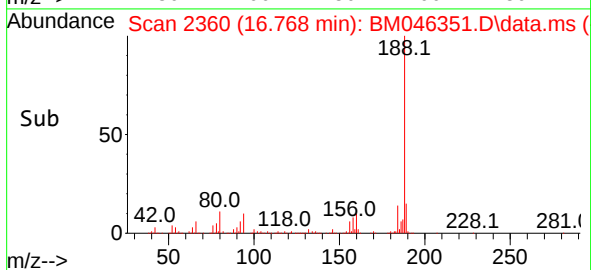
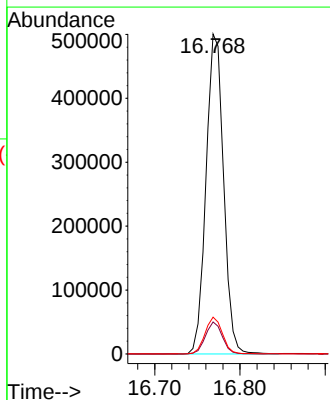
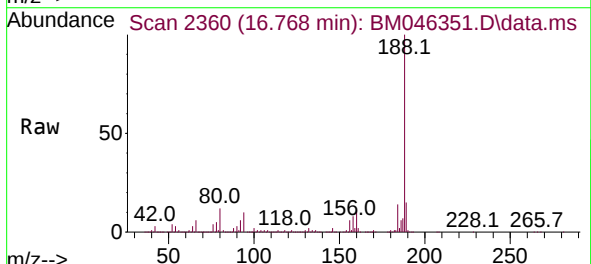
Manual Integrations
APPROVED

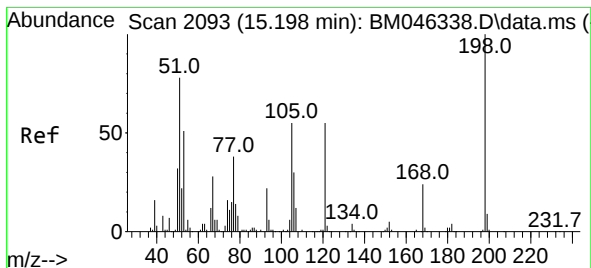
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.768 min Scan# 2360
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

Tgt Ion:188 Resp: 715482
Ion Ratio Lower Upper
188 100
94 10.0 7.9 11.9
80 11.5 9.0 13.6





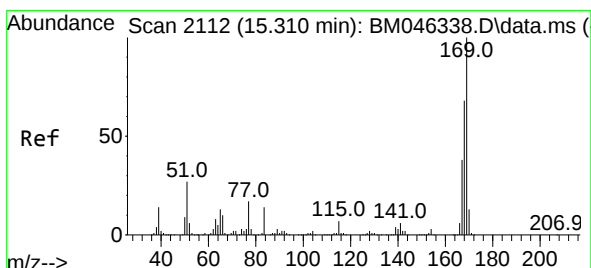
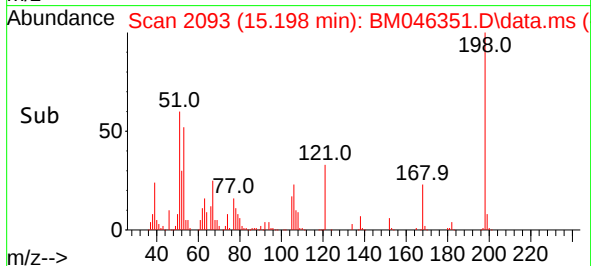
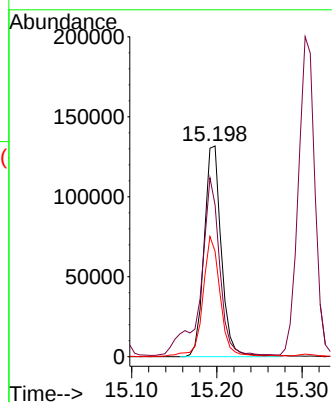
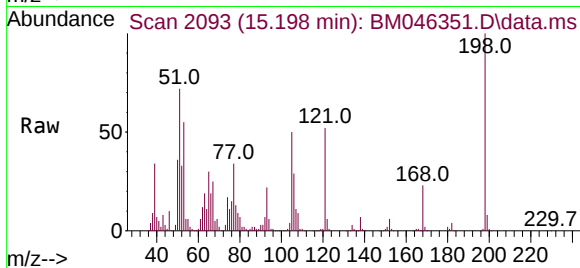
#65
4,6-Dinitro-2-methylphenol
Concen: 40.927 ng
RT: 15.198 min Scan# 2093
Delta R.T. -0.000 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

Instrument :
BNA_M
ClientSampleId :
7-S-1MSD

Tgt Ion:198 Resp: 18352
Ion Ratio Lower Upper
198 100
51 72.0 65.1 105.1
105 50.0 36.0 76.0

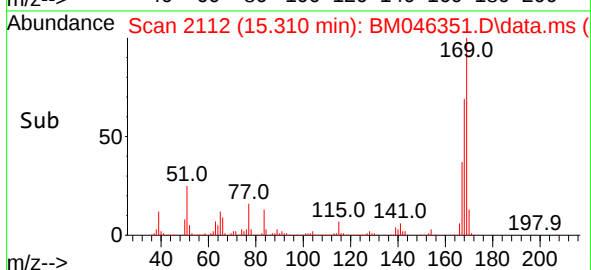
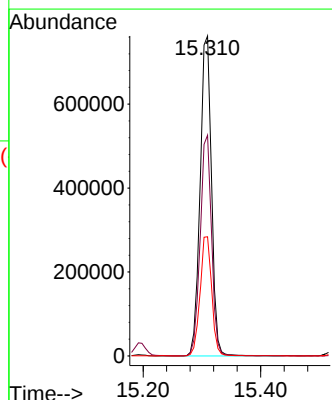
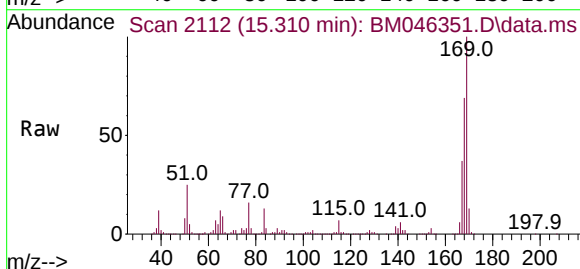
Manual Integrations
APPROVED

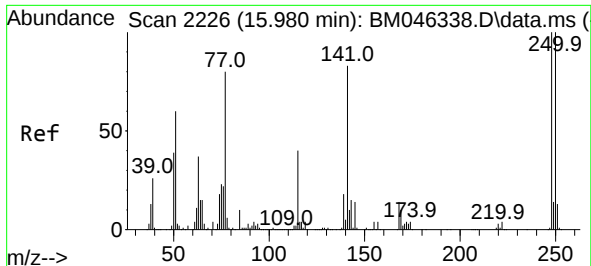
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#66
n-Nitrosodiphenylamine
Concen: 49.211 ng
RT: 15.310 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

Tgt Ion:169 Resp: 1022702
Ion Ratio Lower Upper
169 100
168 69.0 54.2 81.4
167 37.2 30.2 45.2





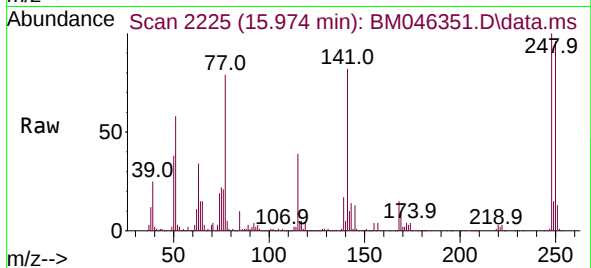
#67
4-Bromophenyl-phenylether
Concen: 47.547 ng
RT: 15.974 min Scan# 211
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

Instrument :

BNA_M

ClientSampleId :

7-S-1MSD

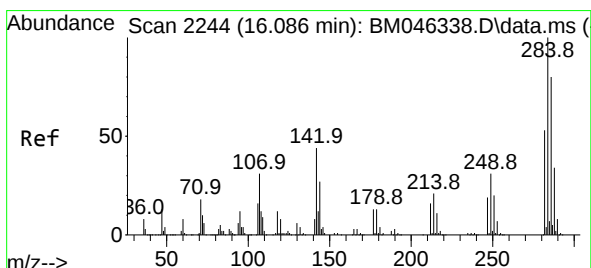
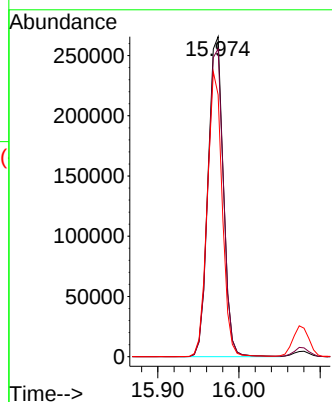
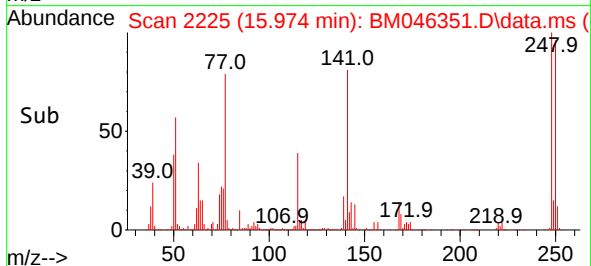


Tgt Ion:248 Resp: 347362
Ion Ratio Lower Upper
248 100
250 96.2 79.8 119.6
141 81.9 66.2 99.2

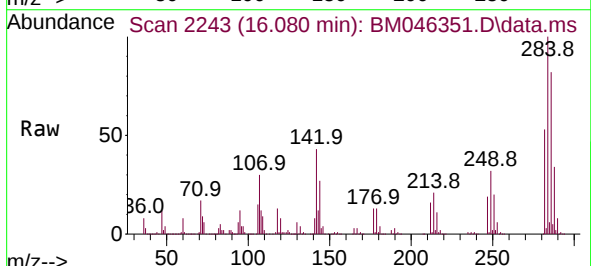
Manual Integrations

APPROVED

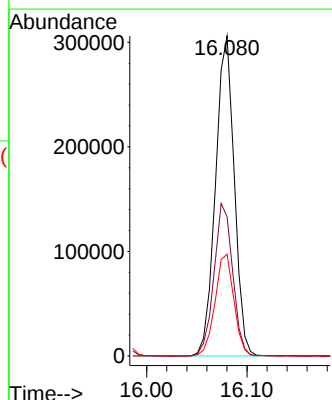
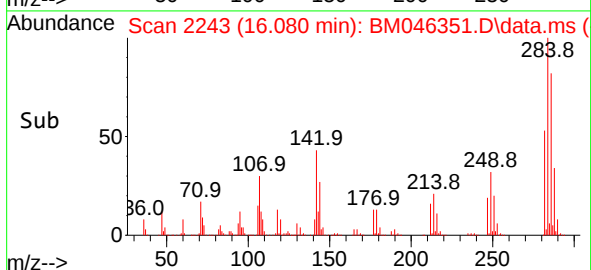
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

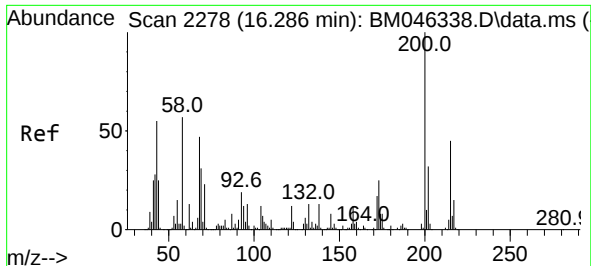


#68
Hexachlorobenzene
Concen: 46.104 ng
RT: 16.080 min Scan# 2243
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05



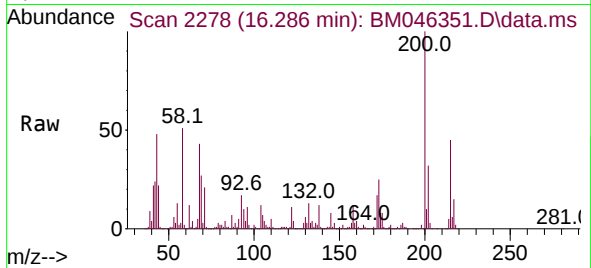
Tgt Ion:284 Resp: 397662
Ion Ratio Lower Upper
284 100
142 43.5 34.8 52.2
249 31.8 24.5 36.7





#69
 Atrazine
 Concen: 56.937 ng
 RT: 16.286 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM046351.D
 Acq: 28 Jun 2024 14:05

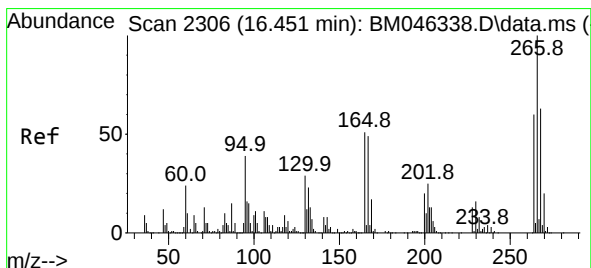
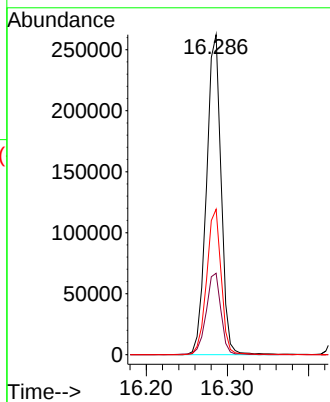
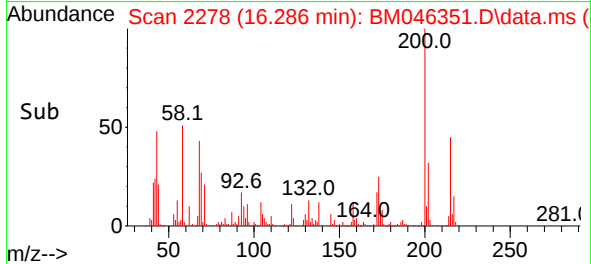
Instrument :
 BNA_M
 ClientSampleId :
 7-S-1MSD



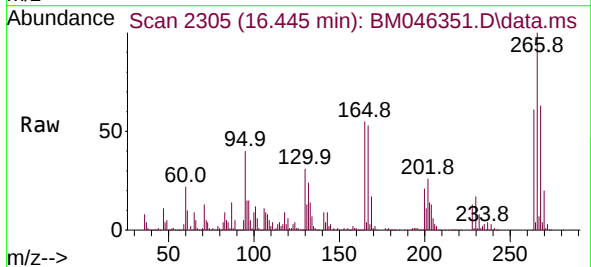
Tgt Ion:200 Resp: 327075
 Ion Ratio Lower Upper
 200 100
 173 25.5 4.9 44.9
 215 45.5 25.0 65.0

Manual Integrations
 APPROVED

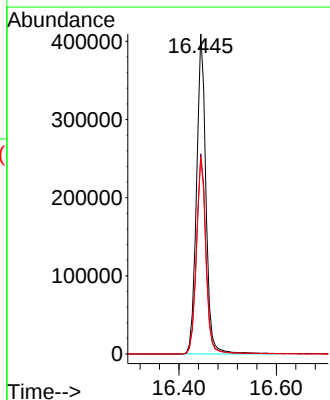
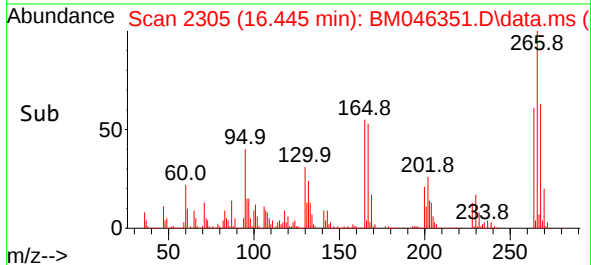
Reviewed By :Yogesh Patel 06/29/2024
 Supervised By :mohammad ahmed 06/29/2024

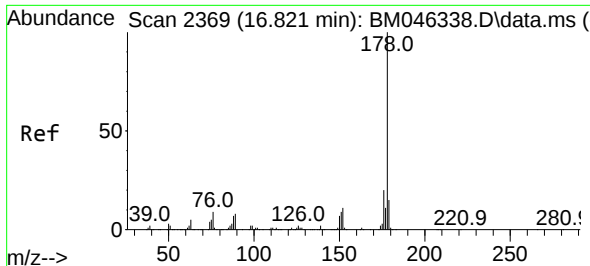


#70
 Pentachlorophenol
 Concen: 101.518 ng
 RT: 16.445 min Scan# 2305
 Delta R.T. -0.006 min
 Lab File: BM046351.D
 Acq: 28 Jun 2024 14:05



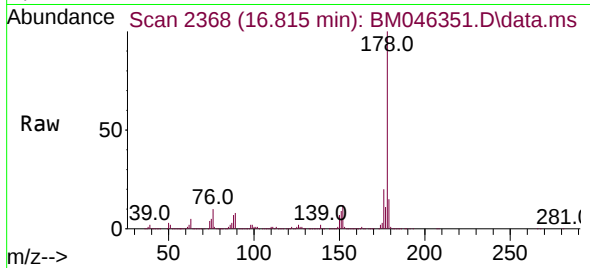
Tgt Ion:266 Resp: 550754
 Ion Ratio Lower Upper
 266 100
 268 62.5 50.3 75.5
 264 61.4 48.4 72.6





#71
Phenanthrene
Concen: 50.404 ng
RT: 16.815 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

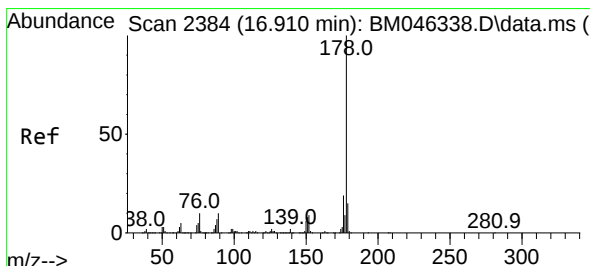
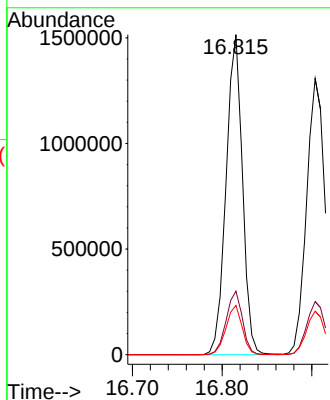
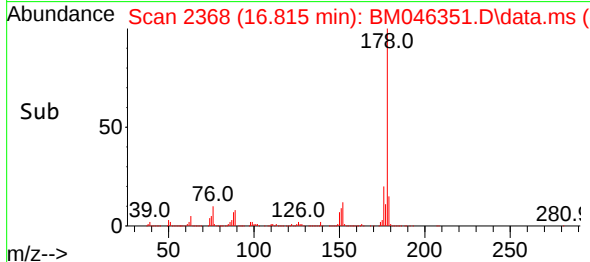
Instrument :
BNA_M
ClientSampleId :
7-S-1MSD



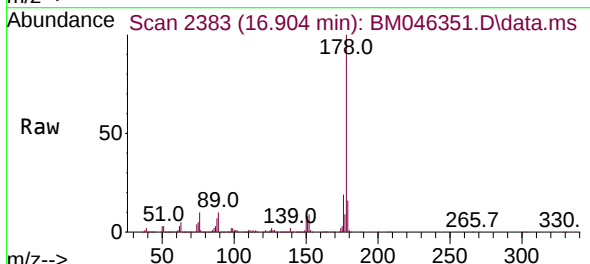
Tgt Ion:178 Resp: 191907
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.8
179 15.4 12.2 18.4

Manual Integrations
APPROVED

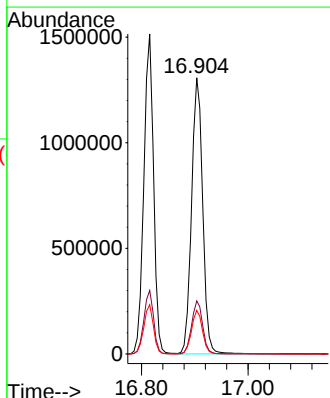
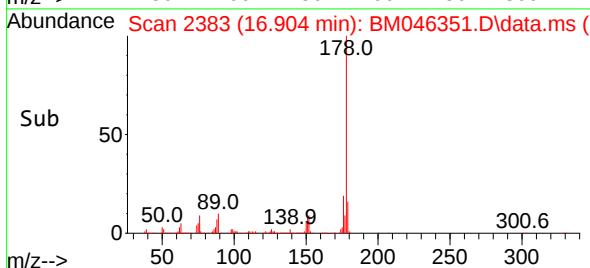
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

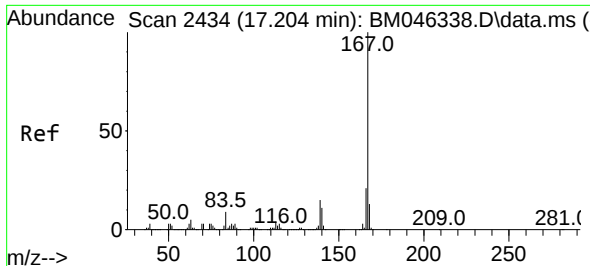


#72
Anthracene
Concen: 51.189 ng
RT: 16.904 min Scan# 2383
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05



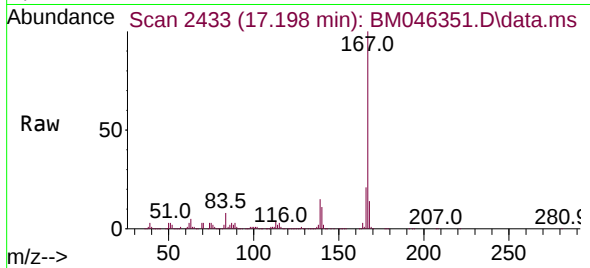
Tgt Ion:178 Resp: 1895753
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.8 12.0 18.0





#73
 Carbazole
 Concen: 48.505 ng
 RT: 17.198 min Scan# 2434
 Delta R.T. -0.006 min
 Lab File: BM046351.D
 Acq: 28 Jun 2024 14:05

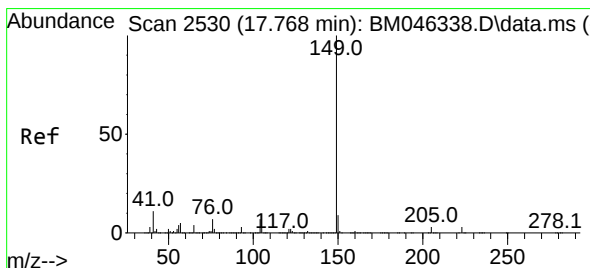
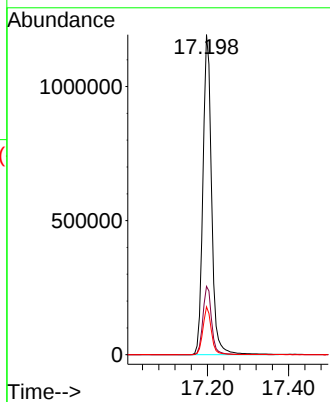
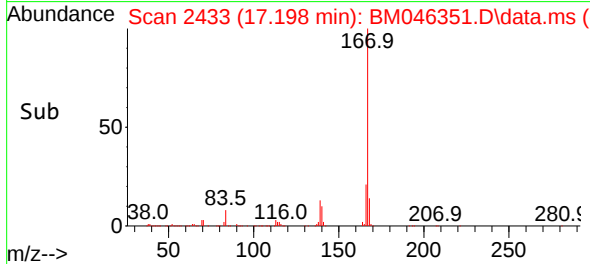
Instrument :
 BNA_M
 ClientSampleId :
 7-S-1MSD



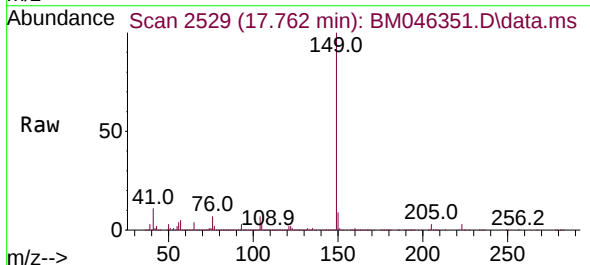
Tgt Ion:167 Resp: 1768768
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.1 25.7
 139 15.0 11.8 17.6

Manual Integrations
 APPROVED

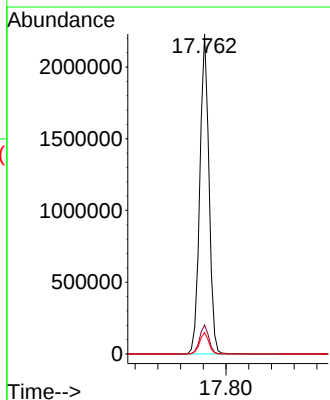
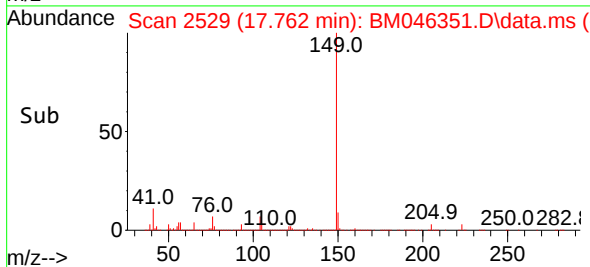
Reviewed By :Yogesh Patel 06/29/2024
 Supervised By :mohammad ahmed 06/29/2024

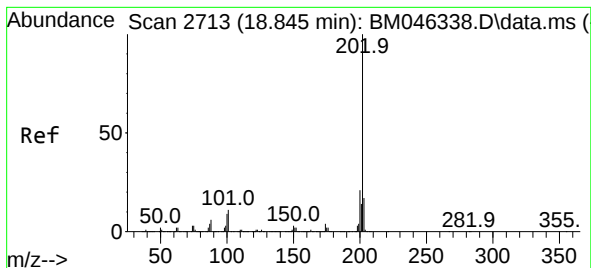


#74
 Di-n-butylphthalate
 Concen: 51.013 ng
 RT: 17.762 min Scan# 2529
 Delta R.T. -0.006 min
 Lab File: BM046351.D
 Acq: 28 Jun 2024 14:05



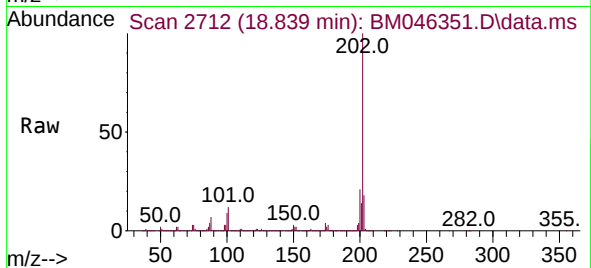
Tgt Ion:149 Resp: 2499328
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 6.7 5.4 8.2





#75
Fluoranthene
Concen: 49.785 ng
RT: 18.839 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

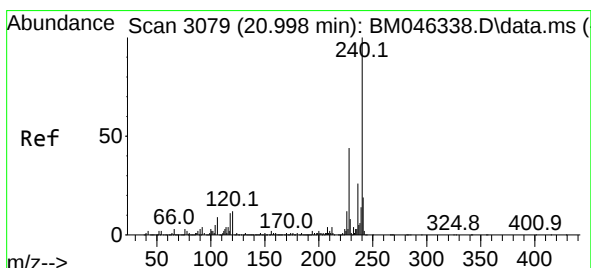
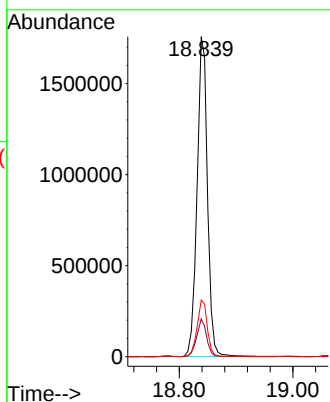
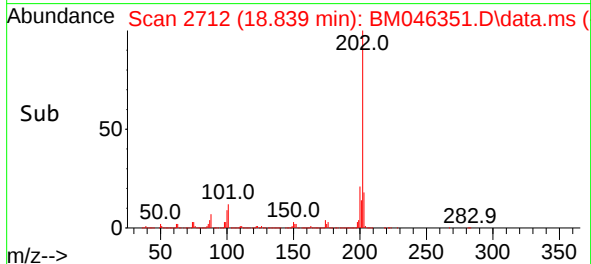
Instrument :
BNA_M
ClientSampleId :
7-S-1MSD



Tgt Ion:202 Resp: 223981
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.4
203 17.7 0.0 37.2

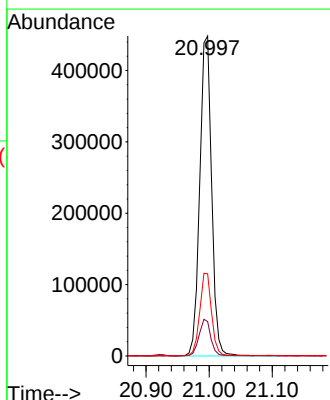
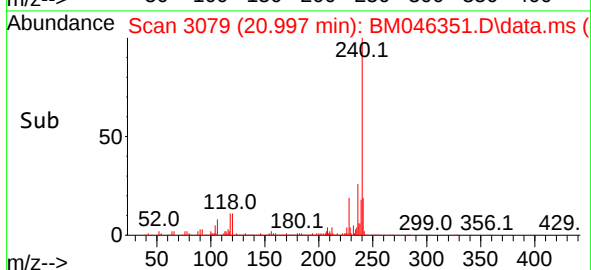
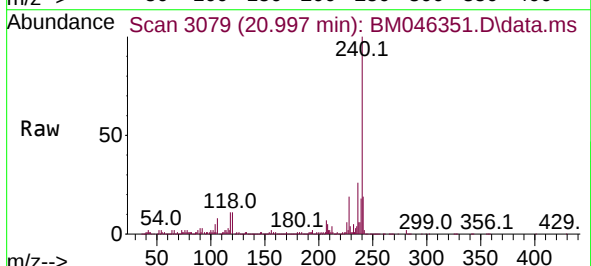
Manual Integrations
APPROVED

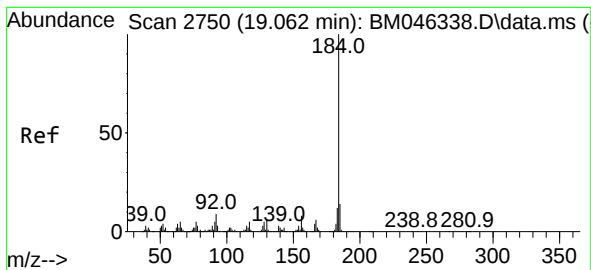
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 20.997 min Scan# 3079
Delta R.T. -0.000 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

Tgt Ion:240 Resp: 584643
Ion Ratio Lower Upper
240 100
120 10.7 9.3 13.9
236 25.7 20.5 30.7





#77

Benzidine

Concen: 137.482 ng

RT: 19.062 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM046351.D

Acq: 28 Jun 2024 14:05

Instrument :

BNA_M

ClientSampleId :

7-S-1MSD

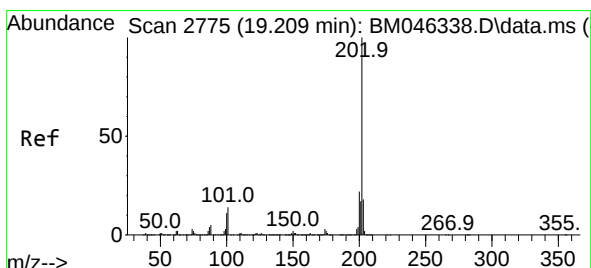
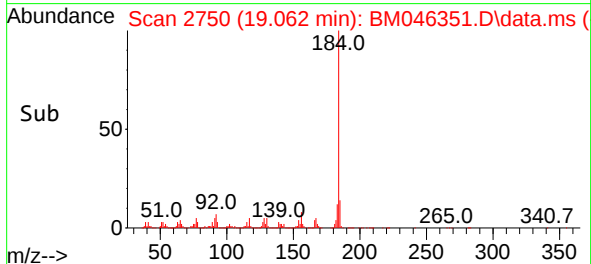
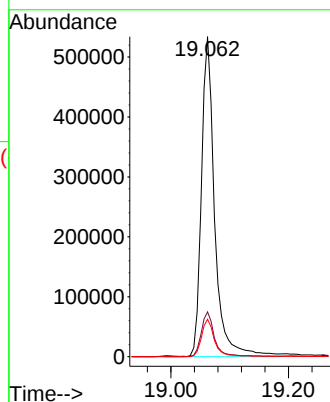
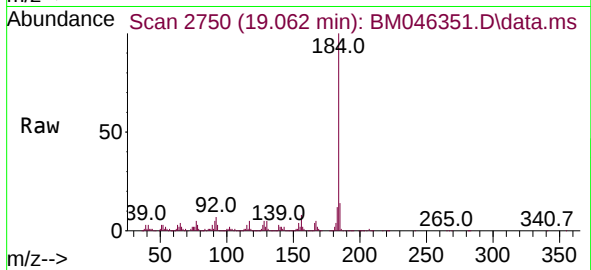
Tgt Ion:184 Resp: 833978
 Ion Ratio Lower Upper
 184 100
 185 14.0 11.1 16.7
 183 11.7 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#78

Pyrene

Concen: 56.162 ng

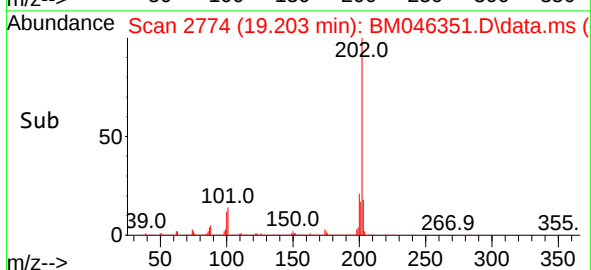
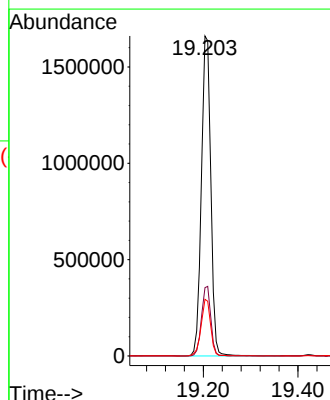
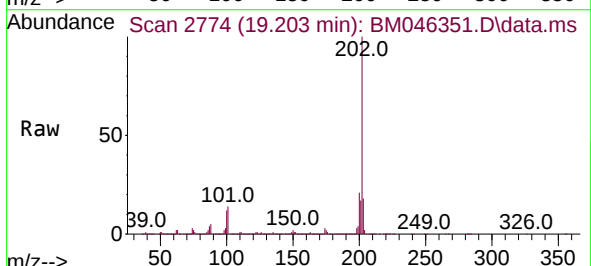
RT: 19.203 min Scan# 2774

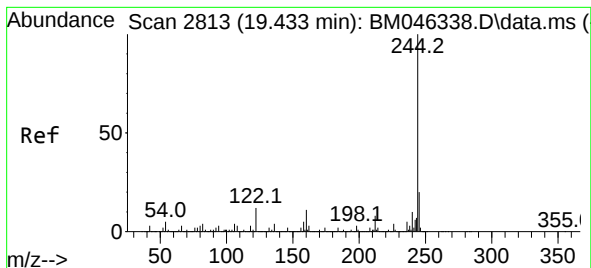
Delta R.T. -0.006 min

Lab File: BM046351.D

Acq: 28 Jun 2024 14:05

Tgt Ion:202 Resp: 2280736
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.3 25.9
 203 17.7 14.3 21.5





#79

Terphenyl-d14

Concen: 51.312 ng

RT: 19.421 min Scan# 2811

Delta R.T. -0.012 min

Lab File: BM046351.D

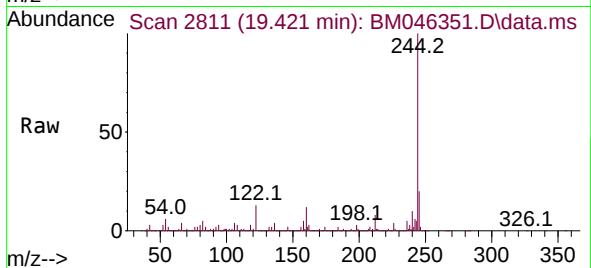
Acq: 28 Jun 2024 14:05

Instrument :

BNA_M

ClientSampleId :

7-S-1MSD



Tgt Ion:244 Resp: 181319

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

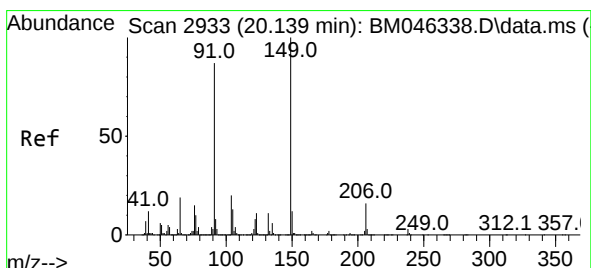
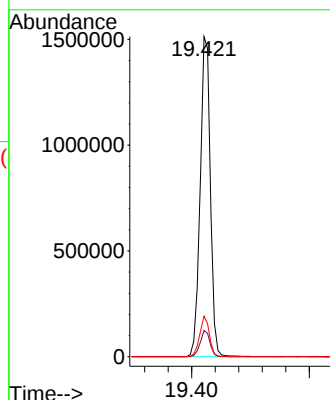
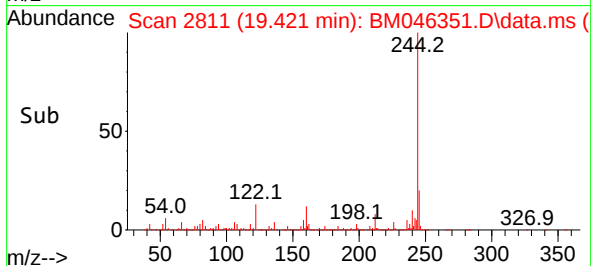
122 12.6 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#80

Butylbenzylphthalate

Concen: 61.193 ng

RT: 20.133 min Scan# 2932

Delta R.T. -0.006 min

Lab File: BM046351.D

Acq: 28 Jun 2024 14:05

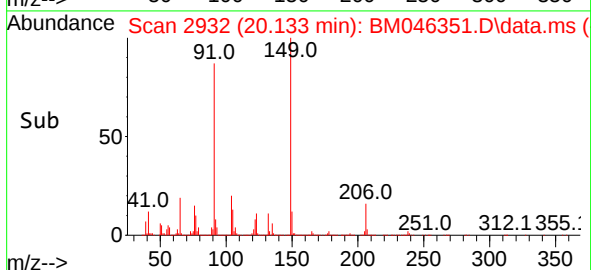
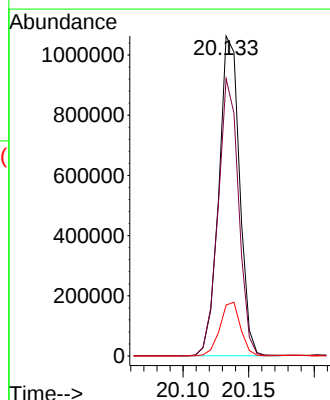
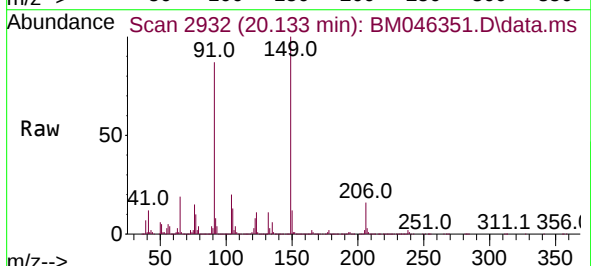
Tgt Ion:149 Resp: 1169239

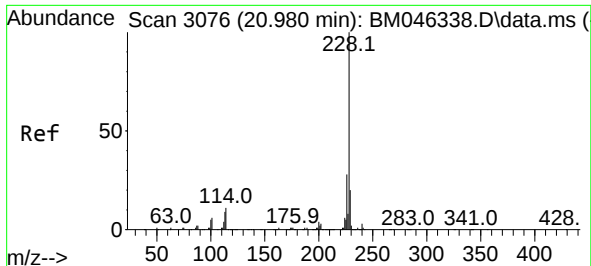
Ion Ratio Lower Upper

149 100

91 86.7 69.5 104.3

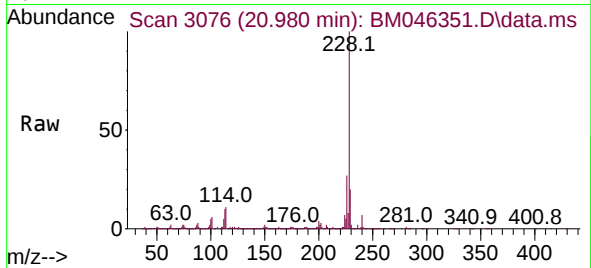
206 15.9 13.0 19.6





#81
Benzo(a)anthracene
Concen: 50.772 ng
RT: 20.980 min Scan# 3076
Delta R.T. -0.000 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

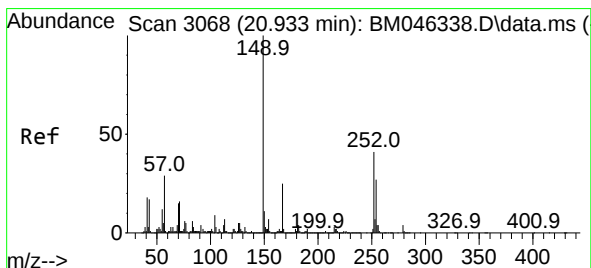
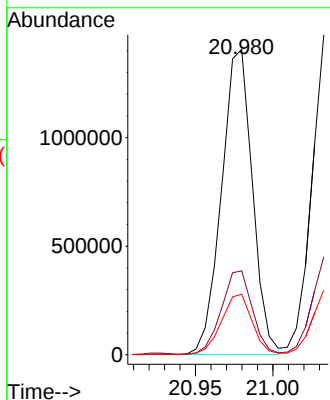
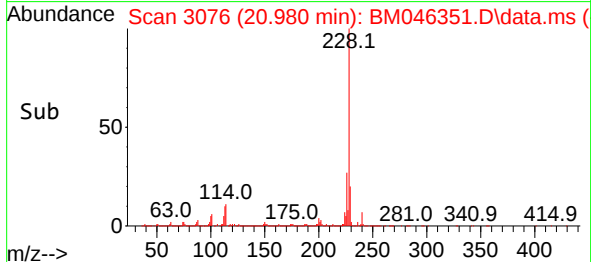
Instrument :
BNA_M
ClientSampleId :
7-S-1MSD



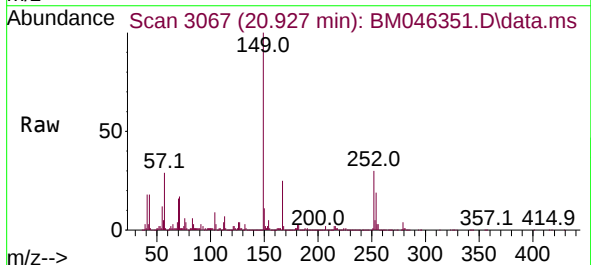
Tgt Ion:228 Resp: 1947215
Ion Ratio Lower Upper
228 100
226 27.5 22.5 33.7
229 19.8 15.9 23.9

Manual Integrations
APPROVED

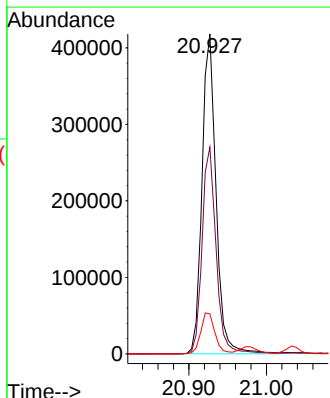
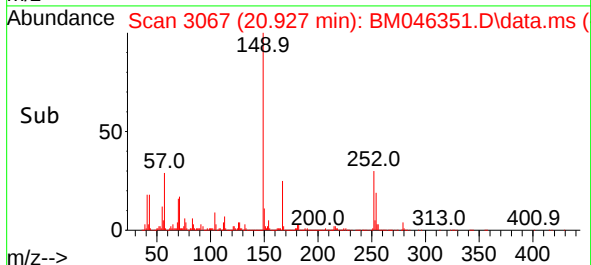
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

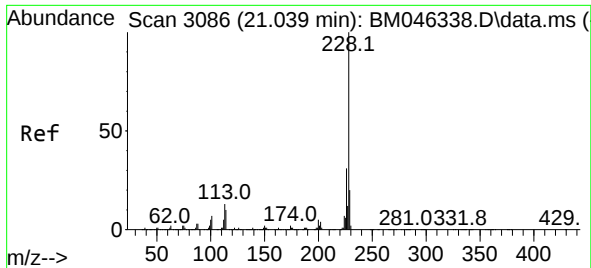


#82
3,3'-Dichlorobenzidine
Concen: 42.732 ng
RT: 20.927 min Scan# 3067
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05



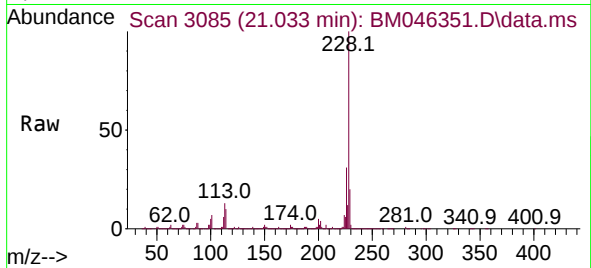
Tgt Ion:252 Resp: 525675
Ion Ratio Lower Upper
252 100
254 64.6 52.6 79.0
126 12.6 10.2 15.4





#83
Chrysene
Concen: 49.088 ng
RT: 21.033 min Scan# 3086
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

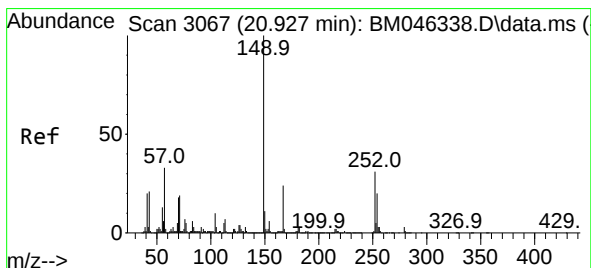
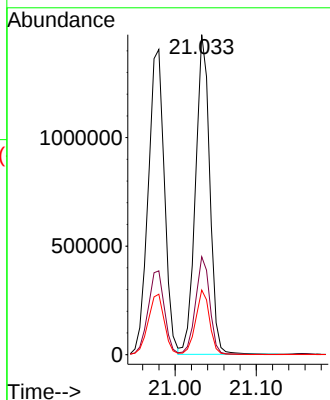
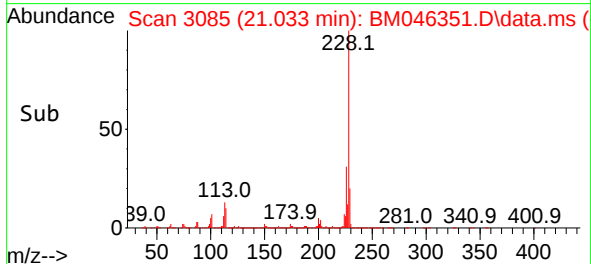
Instrument :
BNA_M
ClientSampleId :
7-S-1MSD



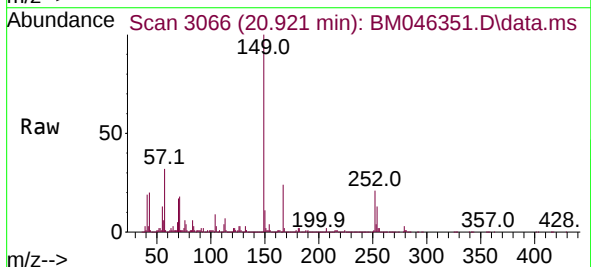
Tgt Ion:228 Resp: 1800488
Ion Ratio Lower Upper
228 100
226 30.6 24.6 36.8
229 20.2 15.9 23.9

Manual Integrations
APPROVED

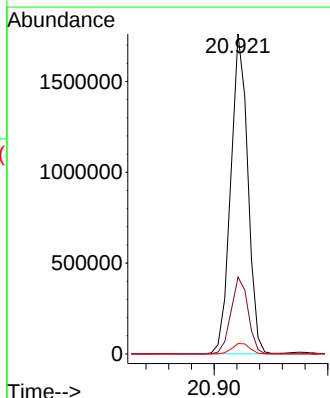
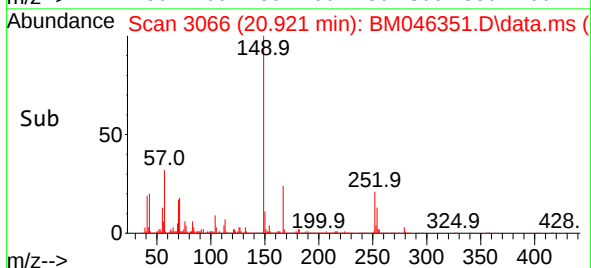
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

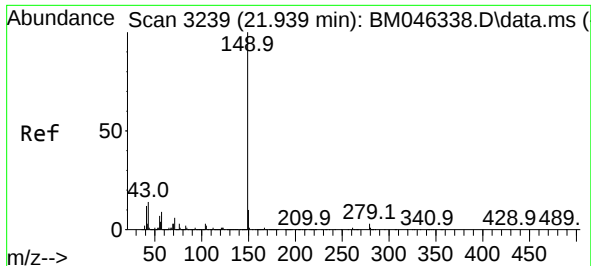


#84
Bis(2-ethylhexyl)phthalate
Concen: 55.620 ng
RT: 20.921 min Scan# 3066
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05



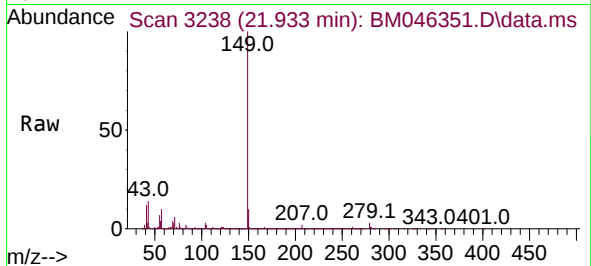
Tgt Ion:149 Resp: 1828788
Ion Ratio Lower Upper
149 100
167 24.0 19.6 29.4
279 3.3 2.6 4.0





#85
Di-n-octyl phthalate
Concen: 56.044 ng
RT: 21.933 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

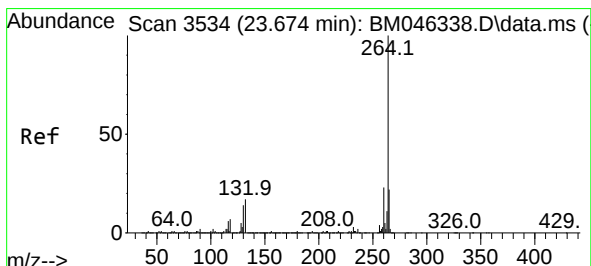
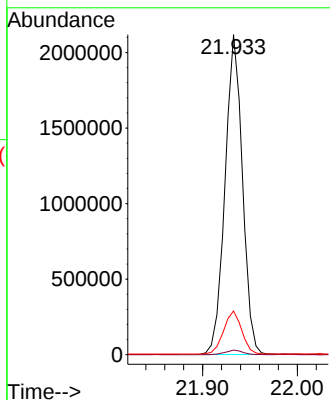
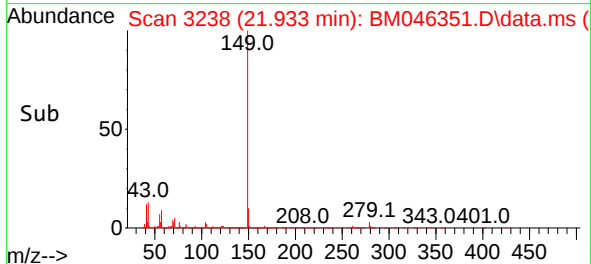
Instrument :
BNA_M
ClientSampleId :
7-S-1MSD



Tgt Ion:149 Resp: 270720
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 14.1 11.6 17.4

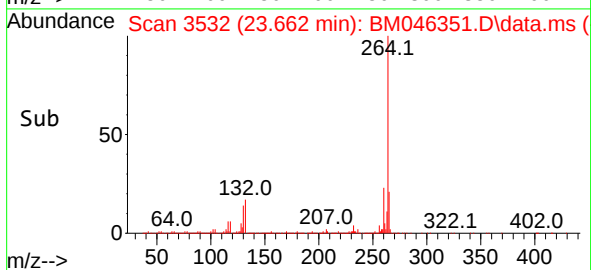
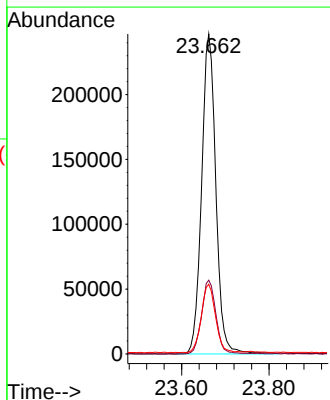
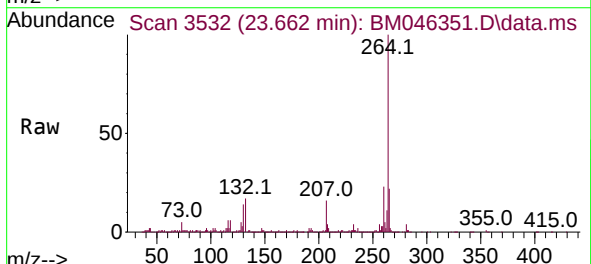
Manual Integrations
APPROVED

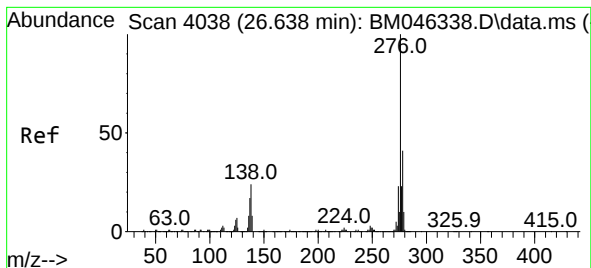
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.662 min Scan# 3532
Delta R.T. -0.012 min
Lab File: BM046351.D
Acq: 28 Jun 2024 14:05

Tgt Ion:264 Resp: 560170
Ion Ratio Lower Upper
264 100
260 23.1 18.5 27.7
265 21.8 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.230 ng

RT: 26.621 min Scan# 4038

Delta R.T. -0.018 min

Lab File: BM046351.D

Acq: 28 Jun 2024 14:05

Instrument :

BNA_M

ClientSampleId :

7-S-1MSD

Tgt Ion:276 Resp: 184058

Ion Ratio Lower Upper

276 100

138 26.8 21.4 32.2

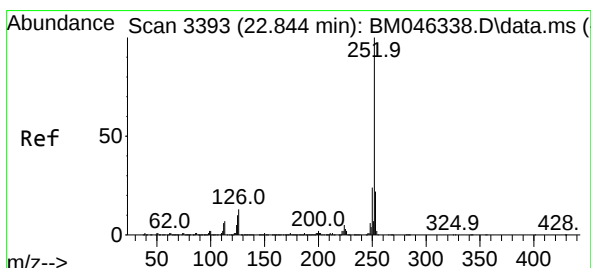
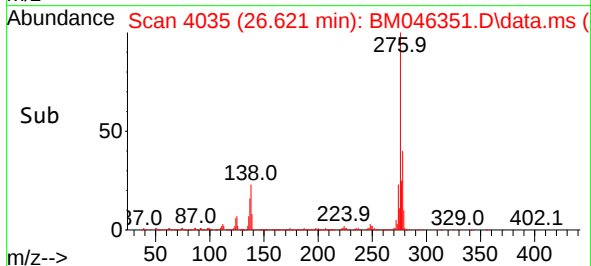
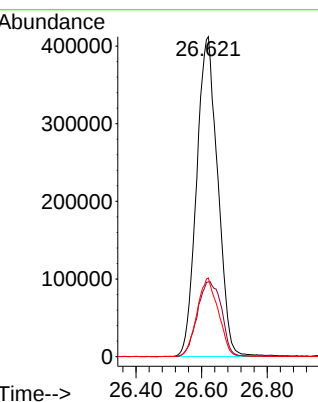
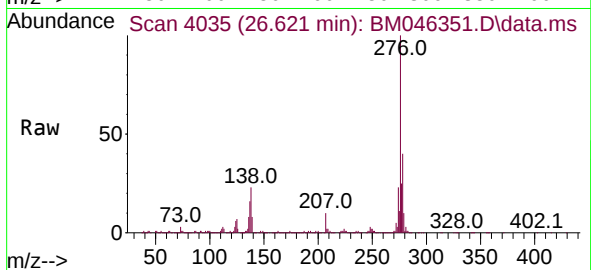
277 24.8 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#88

Benzo(b)fluoranthene

Concen: 49.418 ng

RT: 22.833 min Scan# 3391

Delta R.T. -0.012 min

Lab File: BM046351.D

Acq: 28 Jun 2024 14:05

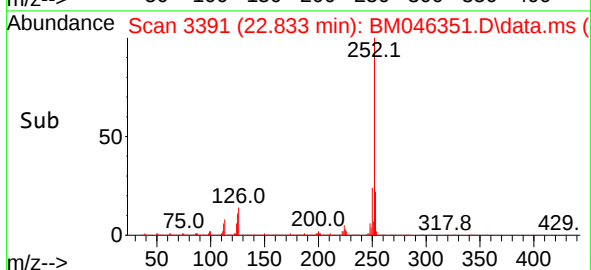
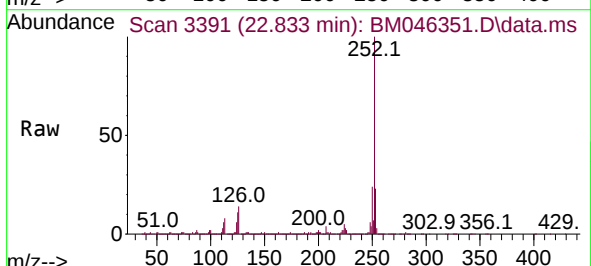
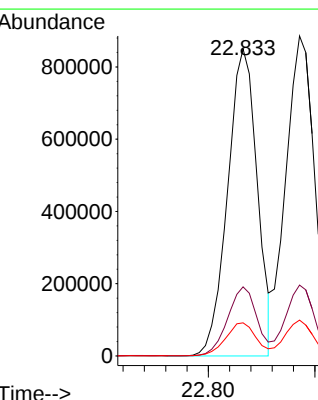
Tgt Ion:252 Resp: 1639648

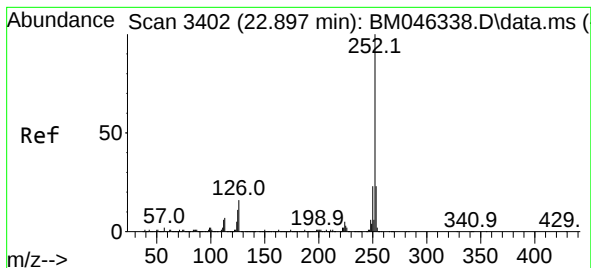
Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

125 10.8 8.4 12.6





#89

Benzo(k)fluoranthene

Concen: 50.488 ng

RT: 22.886 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM046351.D

Acq: 28 Jun 2024 14:05

Instrument :

BNA_M

ClientSampleId :

7-S-1MSD

Tgt Ion:252 Resp: 1666369

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

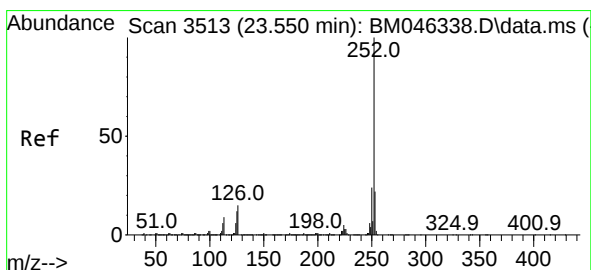
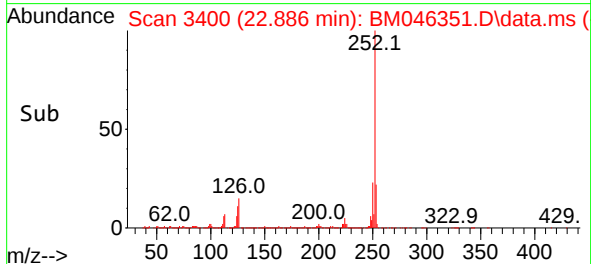
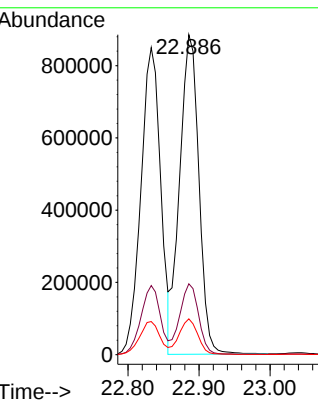
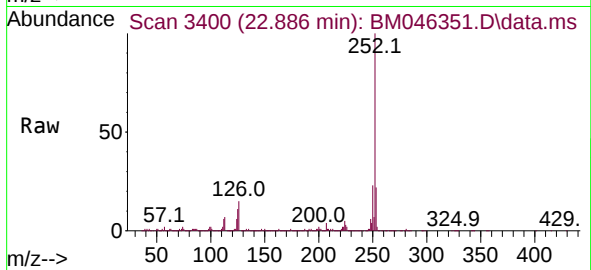
125 11.2 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#90

Benzo(a)pyrene

Concen: 51.674 ng

RT: 23.538 min Scan# 3511

Delta R.T. -0.012 min

Lab File: BM046351.D

Acq: 28 Jun 2024 14:05

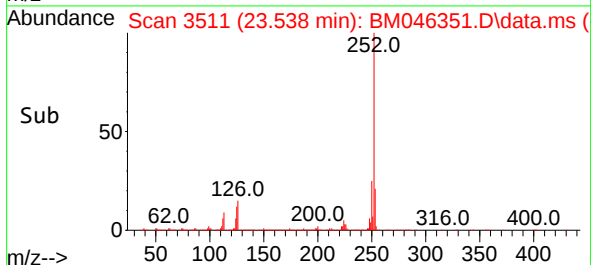
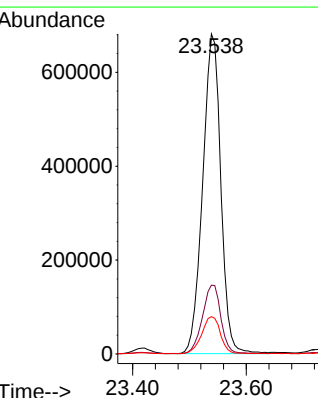
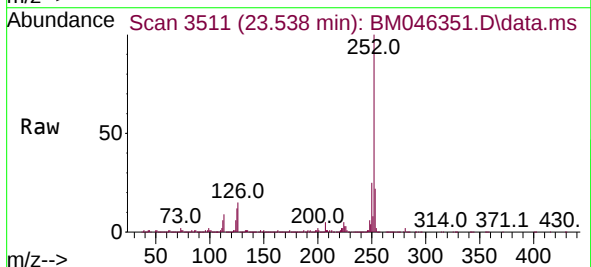
Tgt Ion:252 Resp: 1505884

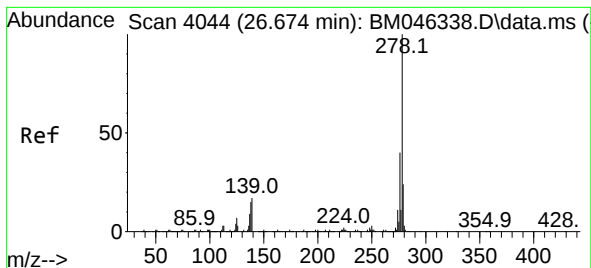
Ion Ratio Lower Upper

252 100

253 21.5 17.9 26.9

125 11.7 9.8 14.6





#91

Dibenzo(a,h)anthracene

Concen: 49.714 ng

RT: 26.650 min Scan# 4040

Delta R.T. -0.024 min

Lab File: BM046351.D

Acq: 28 Jun 2024 14:05

Instrument :

BNA_M

ClientSampleId :

7-S-1MSD

Tgt Ion:278 Resp: 1491379

Ion Ratio Lower Upper

278 100

139 16.8 13.7 20.5

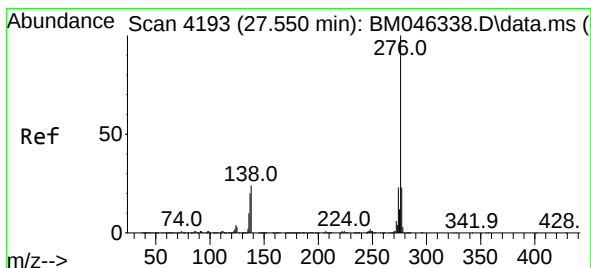
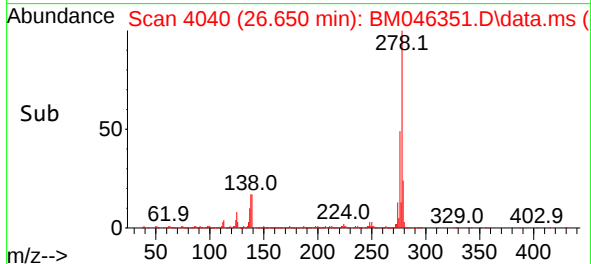
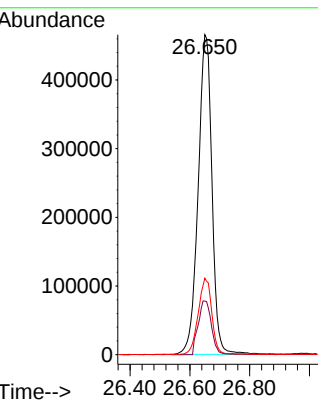
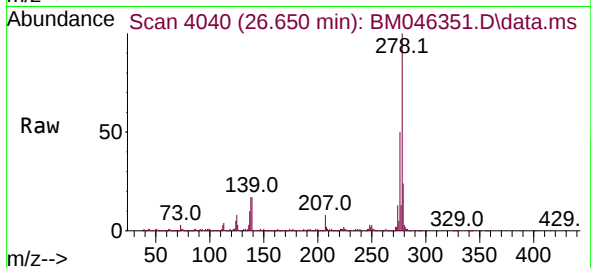
279 23.9 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#92

Benzo(g,h,i)perylene

Concen: 47.622 ng

RT: 27.532 min Scan# 4190

Delta R.T. -0.018 min

Lab File: BM046351.D

Acq: 28 Jun 2024 14:05

Tgt Ion:276 Resp: 1415041

Ion Ratio Lower Upper

276 100

277 24.0 18.5 27.7

138 22.8 19.0 28.4

