

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070324\
 Data File : BF138440.D
 Acq On : 03 Jul 2024 11:57
 Operator : CG\JU
 Sample : PB161852BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161852BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 03 12:19:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	238231	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	1018909	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	562511	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	940383	20.000	ng	0.00
76) Chrysene-d12	14.033	240	407442	20.000	ng	0.00
86) Perylene-d12	15.498	264	487735	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1786104	124.303	ng	0.02
7) Phenol-d6	6.522	99	2431663	125.626	ng	0.00
23) Nitrobenzene-d5	7.445	82	1592867	81.210	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	555230	120.813	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2515326	71.164	ng	0.00
79) Terphenyl-d14	12.980	244	2160348	72.663	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.752	88	224538	33.175	ng	100
3) Pyridine	3.504	79	538893	33.375	ng	98
4) n-Nitrosodimethylamine	3.463	42	460683	45.733	ng	97
6) Aniline	6.540	93	554299	29.345	ng	# 69
8) 2-Chlorophenol	6.663	128	762610	49.438	ng	98
9) Benzaldehyde	6.422	77	312733	26.177	ng	98
10) Phenol	6.534	94	909472	44.101	ng	96
11) bis(2-Chloroethyl)ether	6.616	93	747456	46.149	ng	99
12) 1,3-Dichlorobenzene	6.816	146	713580	40.395	ng	99
13) 1,4-Dichlorobenzene	6.892	146	719811	40.639	ng	98
14) 1,2-Dichlorobenzene	7.039	146	702578	42.967	ng	99
15) Benzyl Alcohol	7.022	79	697887	50.338	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1464617	44.832	ng	93
17) 2-Methylphenol	7.134	107	586822	45.902	ng	# 94
18) Hexachloroethane	7.386	117	268505	42.027	ng	95
19) n-Nitroso-di-n-propyla...	7.298	70	548100	44.917	ng	97
20) 3+4-Methylphenols	7.287	107	675798	45.496	ng	94
22) Acetophenone	7.287	105	970143	41.969	ng	98
24) Nitrobenzene	7.463	77	829759	41.593	ng	99
25) Isophorone	7.698	82	1602138	44.299	ng	100
26) 2-Nitrophenol	7.775	139	401234	46.628	ng	100
27) 2,4-Dimethylphenol	7.816	122	541324m	49.153	ng	
28) bis(2-Chloroethoxy)met...	7.910	93	943617	43.346	ng	100
29) 2,4-Dichlorophenol	8.022	162	614118	43.417	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	660055	40.134	ng	100
31) Naphthalene	8.181	128	2088607	40.548	ng	100
32) Benzoic acid	7.969	122	505585	50.036	ng	96
33) 4-Chloroaniline	8.228	127	455546	25.323	ng	97
34) Hexachlorobutadiene	8.292	225	376377	38.117	ng	99
35) Caprolactam	8.622	113	206828m	46.305	ng	
36) 4-Chloro-3-methylphenol	8.722	107	676238	44.883	ng	98
37) 2-Methylnaphthalene	8.869	142	1352638	40.632	ng	99
38) 1-Methylnaphthalene	8.969	142	1260905	39.055	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	604298	38.839	ng	99
41) Hexachlorocyclopentadiene	9.022	237	480299	104.872	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	415965	42.015	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	434106	40.317	ng	96
46) 1,1'-Biphenyl	9.339	154	1659315	39.507	ng	99
47) 2-Chloronaphthalene	9.363	162	1271650	39.710	ng	100
48) 2-Nitroaniline	9.463	65	487072	47.152	ng	96
49) Acenaphthylene	9.775	152	1918810	42.605	ng	99
50) Dimethylphthalate	9.645	163	1551929	42.928	ng	99
51) 2,6-Dinitrotoluene	9.704	165	344037	42.491	ng	97
52) Acenaphthene	9.951	154	1385126m	44.916	ng	
53) 3-Nitroaniline	9.875	138	270990	33.888	ng	96
54) 2,4-Dinitrophenol	9.980	184	347844	99.163	ng	96
55) Dibenzofuran	10.122	168	1696614	39.930	ng	97
56) 4-Nitrophenol	10.045	139	525984	101.447	ng	87
57) 2,4-Dinitrotoluene	10.110	165	447121	44.850	ng	96
58) Fluorene	10.463	166	1293854	38.323	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	370107	46.278	ng	100
60) Diethylphthalate	10.339	149	1438444	42.558	ng	98
61) 4-Chlorophenyl-phenyle...	10.451	204	640211	37.374	ng	96
62) 4-Nitroaniline	10.492	138	338278	46.088	ng	99
63) Azobenzene	10.616	77	1587793	44.481	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	249535	49.370	ng	81
66) n-Nitrosodiphenylamine	10.575	169	1198249	41.044	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	402037	39.775	ng	94
68) Hexachlorobenzene	11.010	284	432245	38.798	ng	92
69) Atrazine	11.104	200	356625	43.568	ng	100
70) Pentachlorophenol	11.204	266	506190	89.519	ng	99
71) Phenanthrene	11.427	178	1894426	41.260	ng	99
72) Anthracene	11.474	178	1918613	41.902	ng	99
73) Carbazole	11.633	167	1607509	42.288	ng	100
74) Di-n-butylphthalate	11.957	149	2081031	43.197	ng	99
75) Fluoranthene	12.610	202	1697251	41.233	ng	97
77) Benzidine	12.727	184	42039	12.903	ng	98
78) Pyrene	12.839	202	1665390	38.243	ng	98
80) Butylbenzylphthalate	13.451	149	607149	45.819	ng	97
81) Benzo(a)anthracene	14.021	228	1153255	43.975	ng	98
82) 3,3'-Dichlorobenzidine	13.986	252	339694	43.873	ng	100
83) Chrysene	14.063	228	1145554	44.891	ng	98
84) Bis(2-ethylhexyl)phtha...	14.010	149	788094	47.424	ng	100
85) Di-n-octyl phthalate	14.621	149	1495214	51.404	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	1227868	50.104	ng	99
88) Benzo(b)fluoranthene	15.074	252	1210505	45.235	ng	98
89) Benzo(k)fluoranthene	15.104	252	1225909	49.736	ng	98
90) Benzo(a)pyrene	15.445	252	1153560	49.181	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	990875	50.091	ng	100
92) Benzo(g,h,i)perylene	17.427	276	929804	48.048	ng	98

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

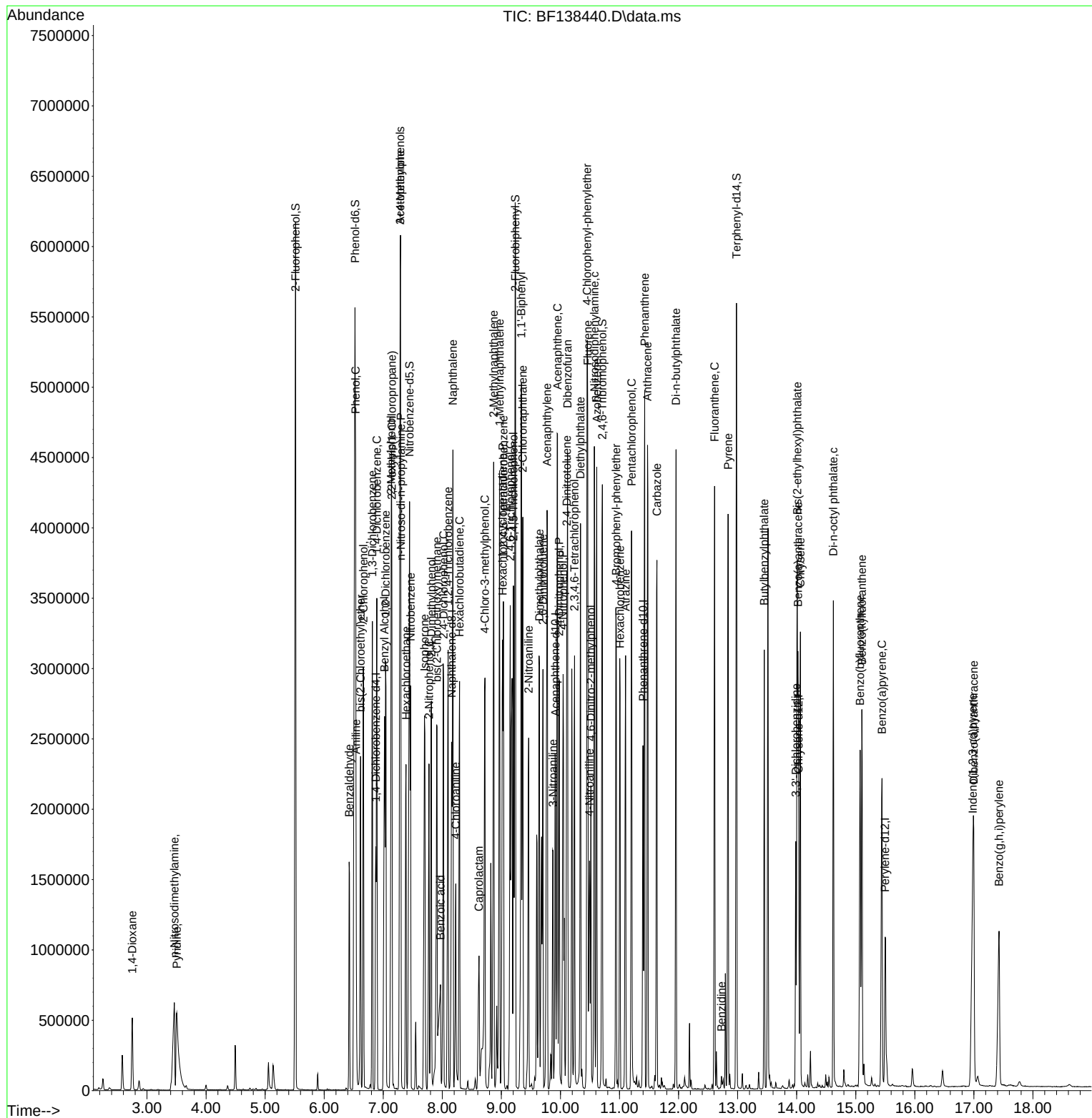
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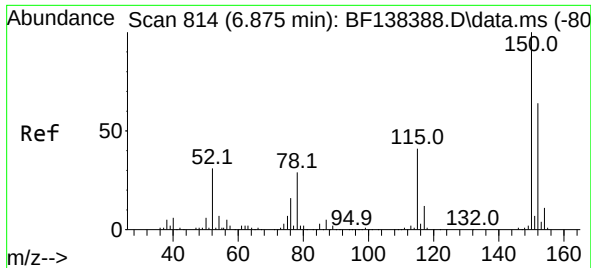
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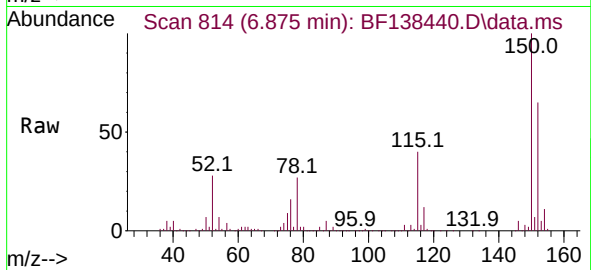
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

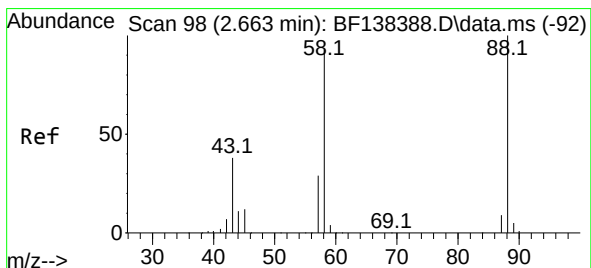
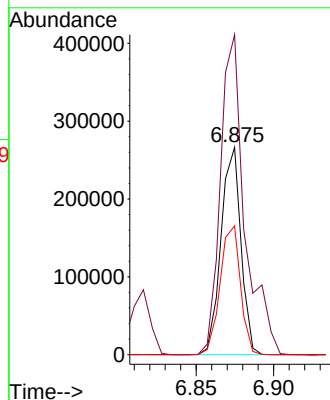
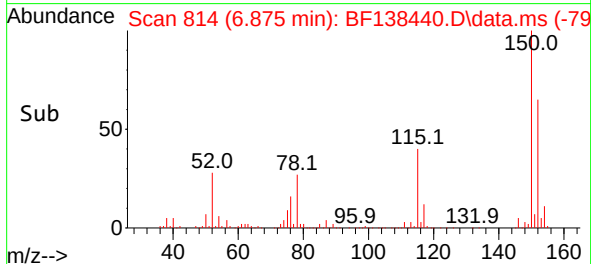
Instrument :
BNA_F
ClientSampleId :
PB161852BS



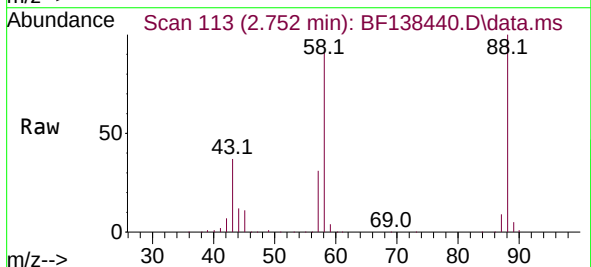
Tgt Ion:152 Resp: 23823
Ion Ratio Lower Upper
152 100
150 154.3 124.9 187.3
115 62.1 50.8 76.2

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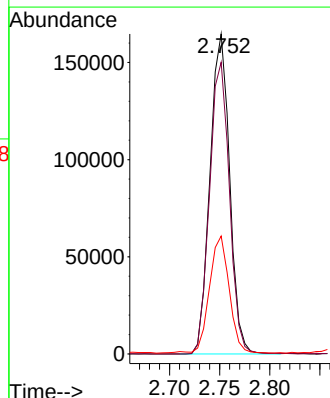
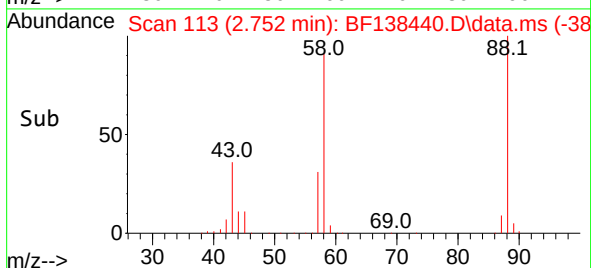
Reviewed By :Yogesh Patel 07/05/2024
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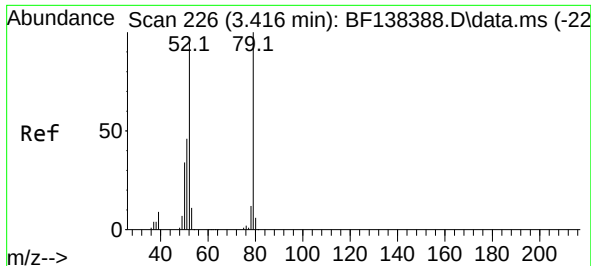


#2
1,4-Dioxane
Concen: 33.175 ng
RT: 2.752 min Scan# 113
Delta R.T. 0.088 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57



Tgt Ion: 88 Resp: 224538
Ion Ratio Lower Upper
88 100
58 92.4 73.7 110.5
43 37.1 30.1 45.1





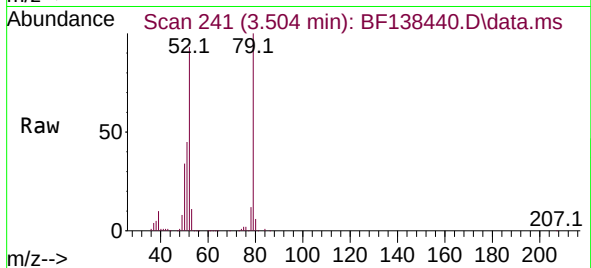
#3
Pyridine
Concen: 33.375 ng
RT: 3.504 min Scan# 241
Delta R.T. 0.088 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

Instrument :

BNA_F

ClientSampleId :

PB161852BS



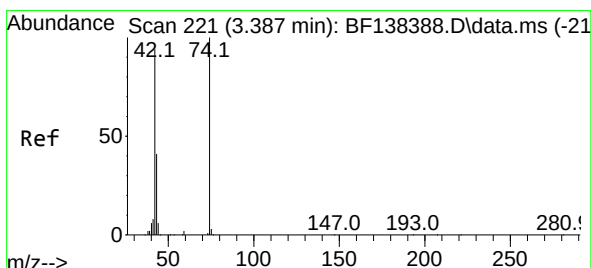
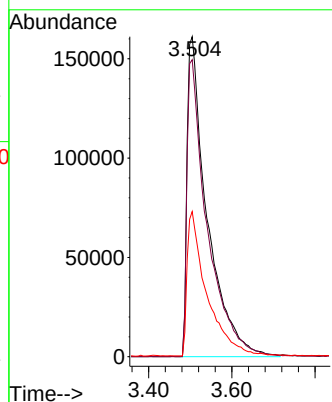
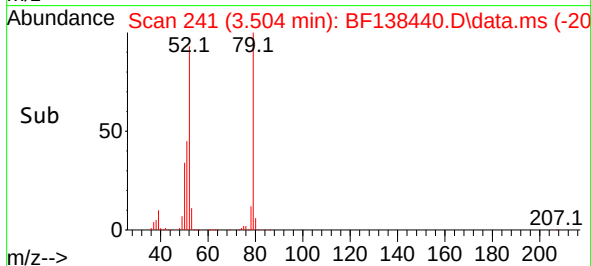
Tgt Ion: 79 Resp: 53889
Ion Ratio Lower Upper
79 100
52 92.8 76.2 114.2
51 45.4 36.7 55.1

Manual Integrations

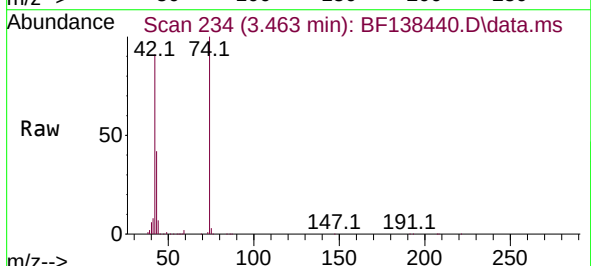
APPROVED

Reviewed By :Yogesh Patel 07/05/2024

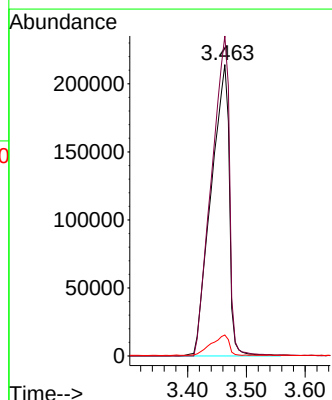
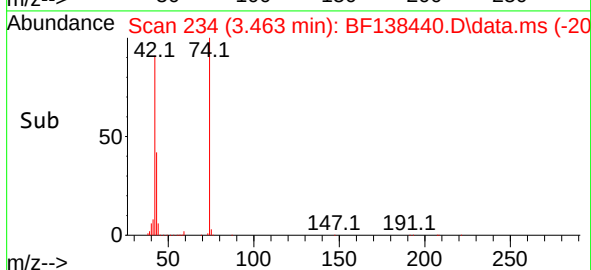
Supervised By :mohammad ahmed 07/05/2024

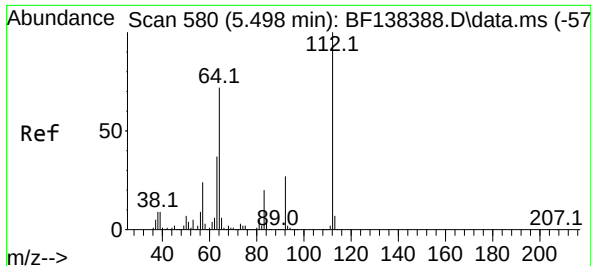


#4
n-Nitrosodimethylamine
Concen: 45.733 ng
RT: 3.463 min Scan# 234
Delta R.T. 0.076 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57



Tgt Ion: 42 Resp: 460683
Ion Ratio Lower Upper
42 100
74 109.8 85.1 127.7
44 7.2 5.5 8.3





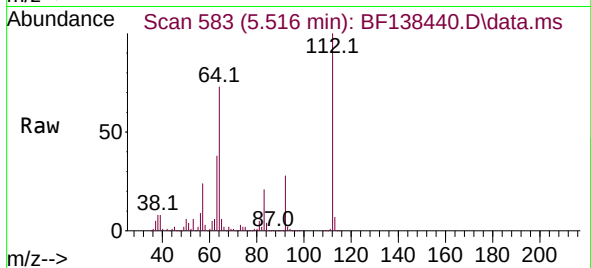
#5
2-Fluorophenol
Concen: 124.303 ng
RT: 5.516 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

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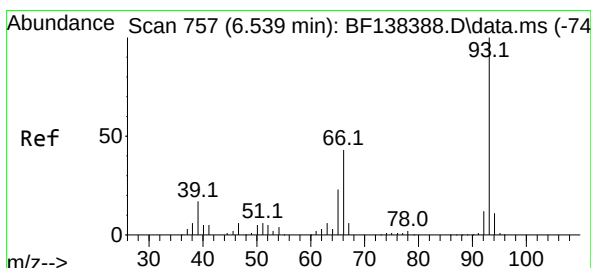
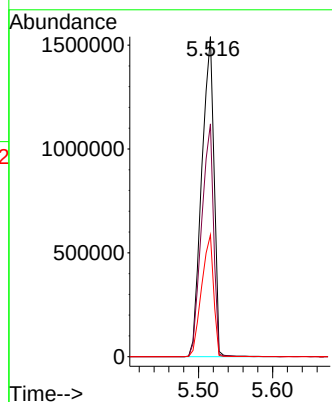
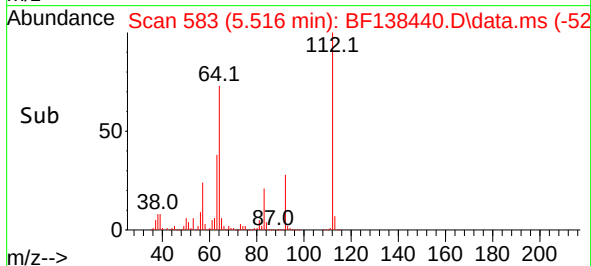
Tgt Ion:112 Resp: 1786104
Ion Ratio Lower Upper
112 100
64 72.7 57.2 85.8
63 38.0 29.4 44.0

Manual Integrations

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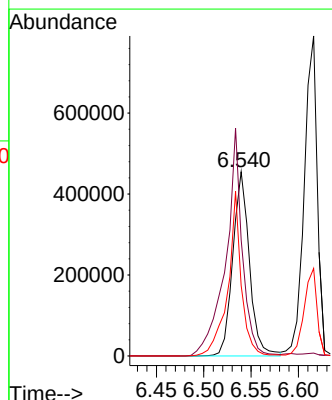
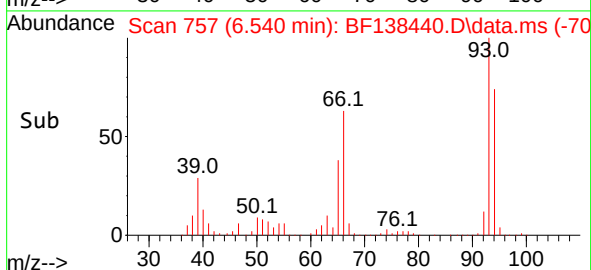
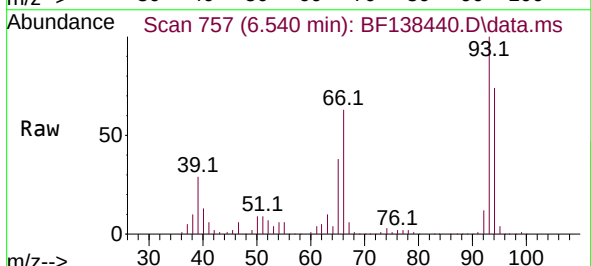
Reviewed By :Yogesh Patel 07/05/2024

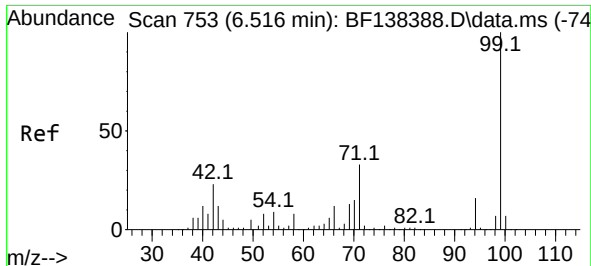
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#6
Aniline
Concen: 29.345 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF138440.D
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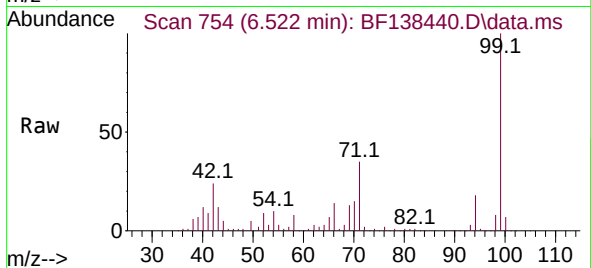
Tgt Ion: 93 Resp: 554299
Ion Ratio Lower Upper
93 100
66 63.0 34.7 52.1#
65 38.2 18.5 27.7#





#7
Phenol-d6
Concen: 125.626 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

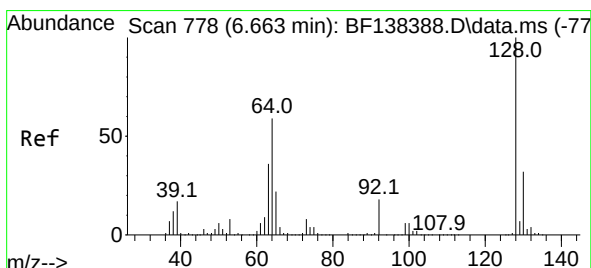
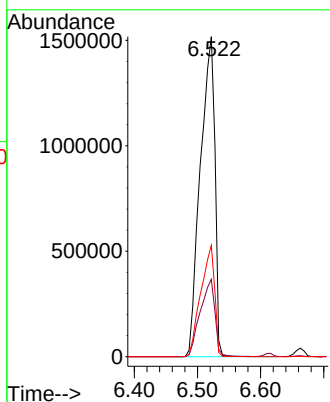
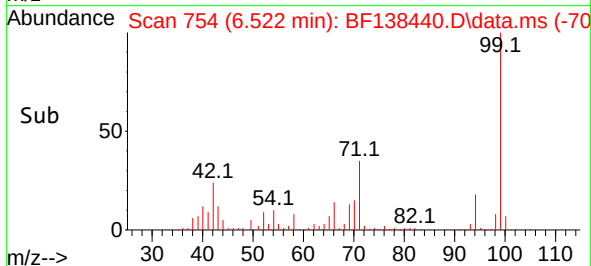
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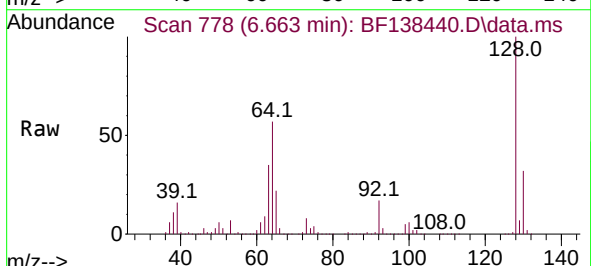
Tgt Ion: 99 Resp: 243166
Ion Ratio Lower Upper
99 100
42 24.2 18.5 27.7
71 34.8 26.1 39.1

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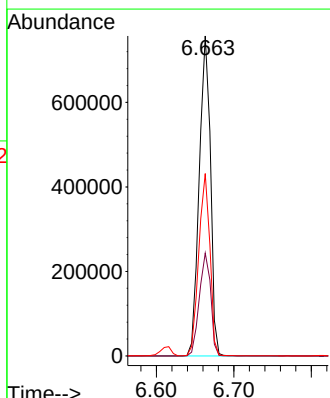
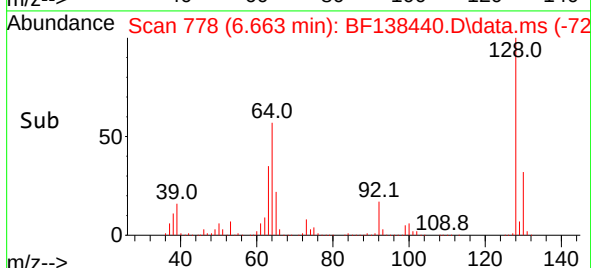
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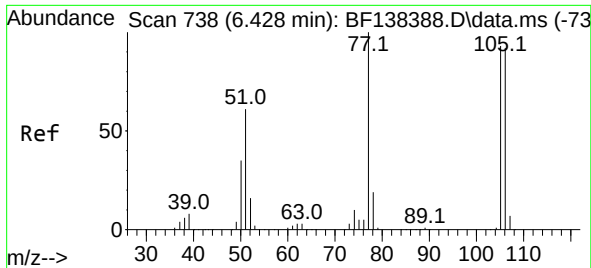


#8
2-Chlorophenol
Concen: 49.438 ng
RT: 6.663 min Scan# 778
Delta R.T. 0.000 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57



Tgt Ion:128 Resp: 762610
Ion Ratio Lower Upper
128 100
130 32.2 12.3 52.3
64 57.0 39.6 79.6





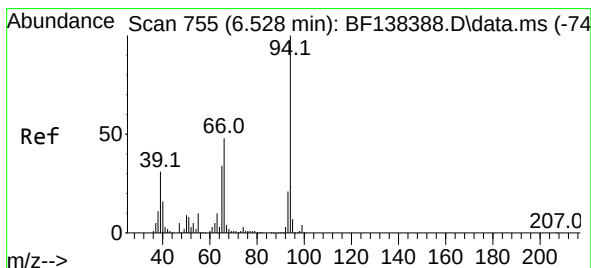
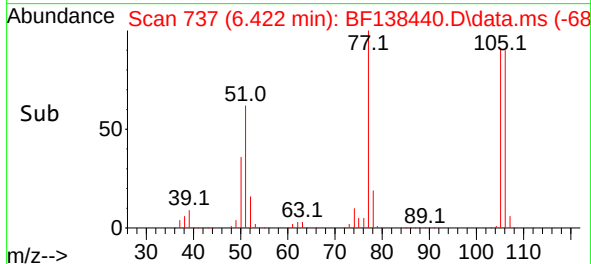
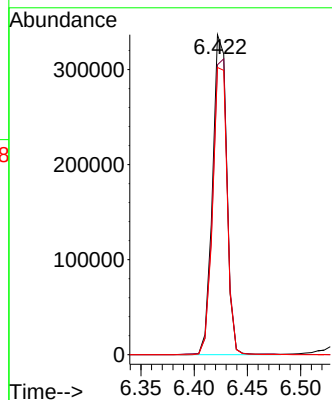
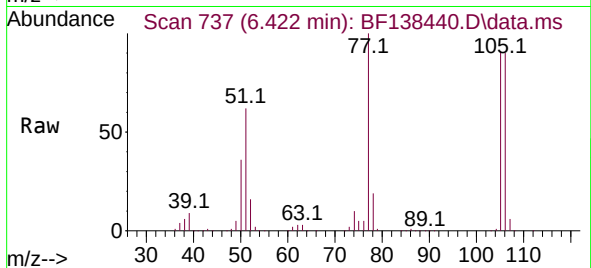
#9
Benzaldehyde
Concen: 26.177 ng
RT: 6.422 min Scan# 710
Delta R.T. -0.006 min
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Tgt Ion: 77 Resp: 31273
Ion Ratio Lower Upper
77 100
105 90.6 73.2 113.2
106 89.7 71.5 111.5

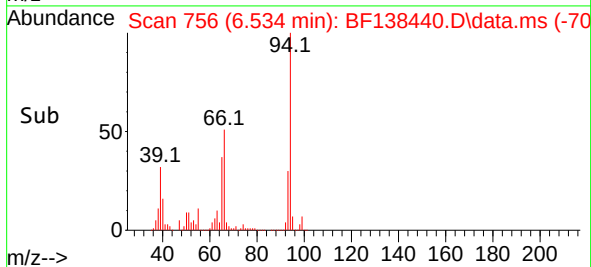
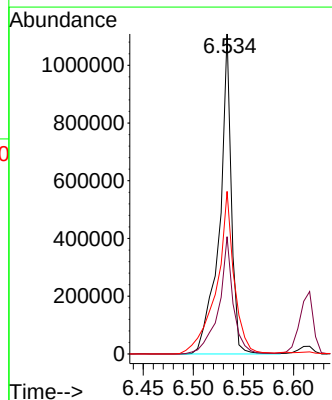
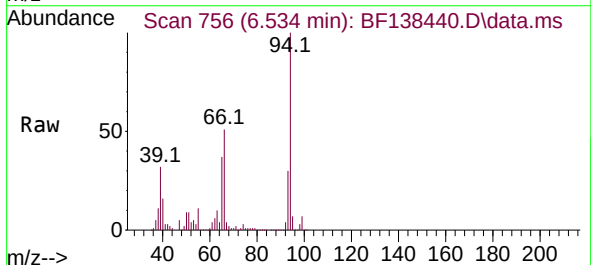
Manual Integrations
APPROVED

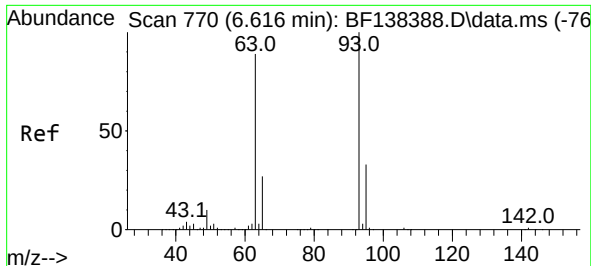
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#10
Phenol
Concen: 44.101 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.006 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

Tgt Ion: 94 Resp: 909472
Ion Ratio Lower Upper
94 100
65 36.7 14.2 54.2
66 50.8 27.9 67.9





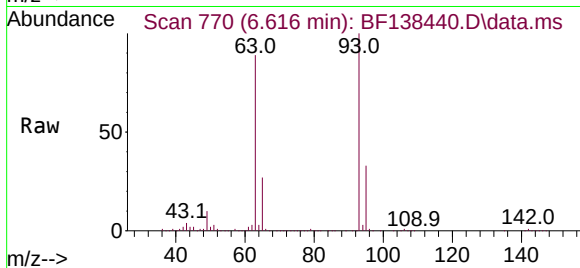
#11
bis(2-Chloroethyl)ether
Concen: 46.149 ng
RT: 6.616 min Scan# 770
Delta R.T. 0.000 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

Instrument :

BNA_F

ClientSampleId :

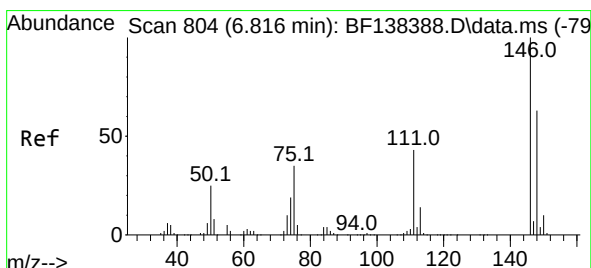
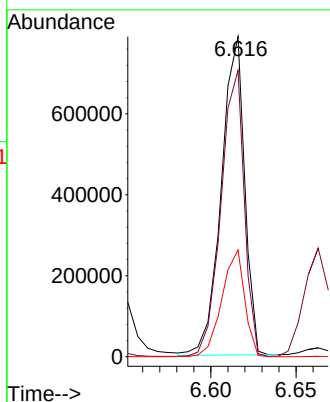
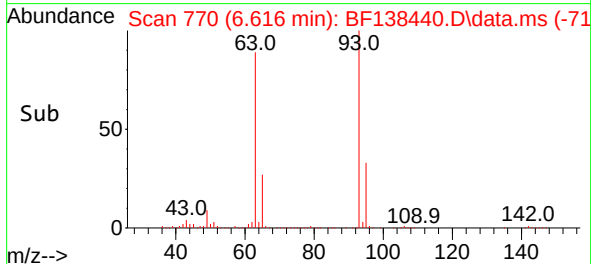
PB161852BS



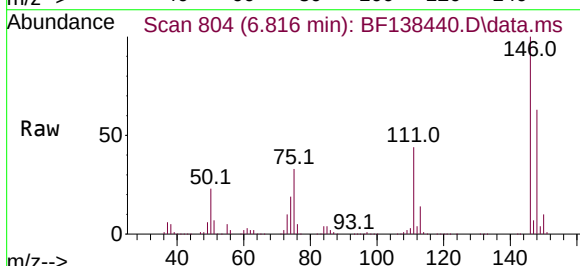
Tgt Ion: 93 Resp: 747450
Ion Ratio Lower Upper
93 100
63 89.5 68.2 108.2
95 33.4 12.4 52.4

Manual Integrations
APPROVED

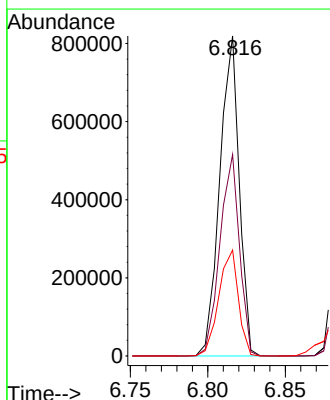
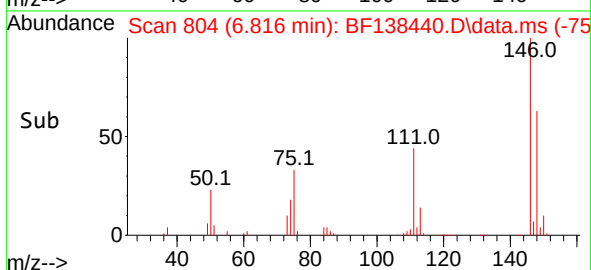
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

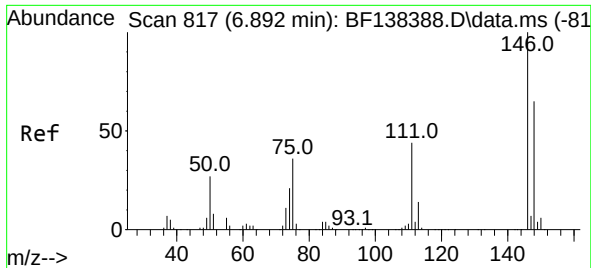


#12
1,3-Dichlorobenzene
Concen: 40.395 ng
RT: 6.816 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57



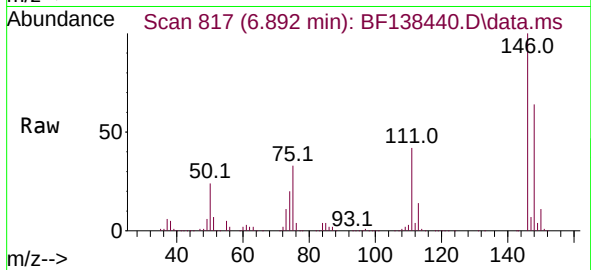
Tgt Ion:146 Resp: 713580
Ion Ratio Lower Upper
146 100
148 62.9 50.3 75.5
75 33.1 27.8 41.6





#13
1,4-Dichlorobenzene
Concen: 40.639 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

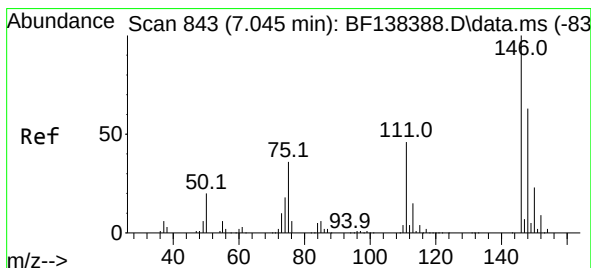
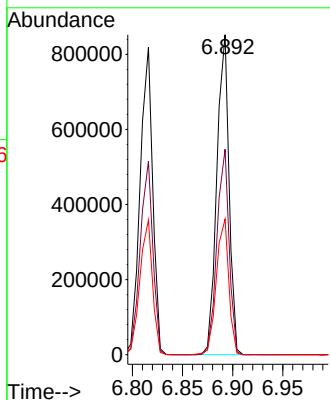
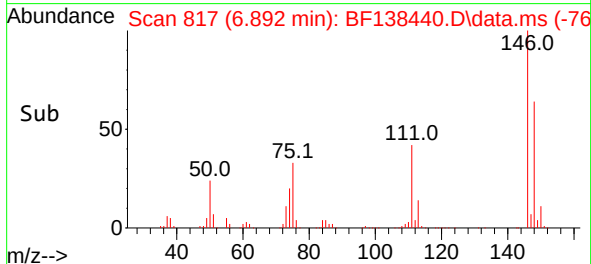
Instrument :
BNA_F
ClientSampleId :
PB161852BS



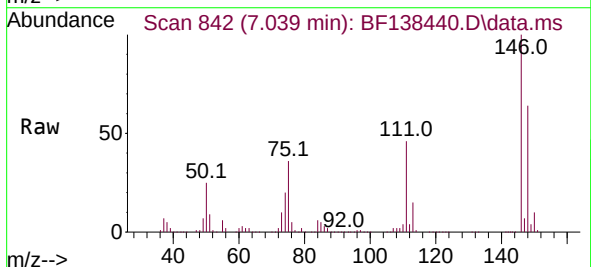
Tgt Ion:146 Resp: 719811
Ion Ratio Lower Upper
146 100
148 64.2 52.0 78.0
111 42.4 35.4 53.0

Manual Integrations
APPROVED

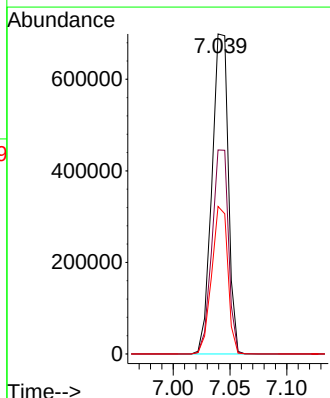
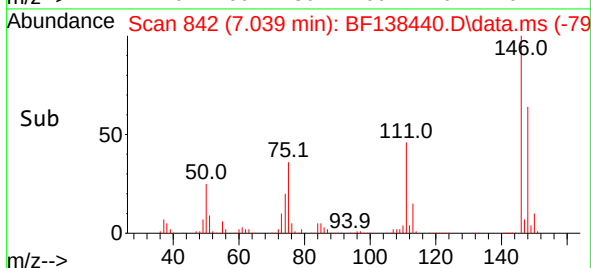
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

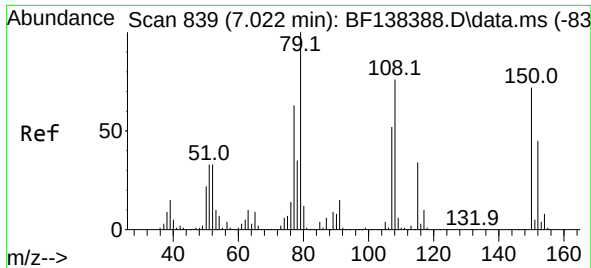


#14
1,2-Dichlorobenzene
Concen: 42.967 ng
RT: 7.039 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57



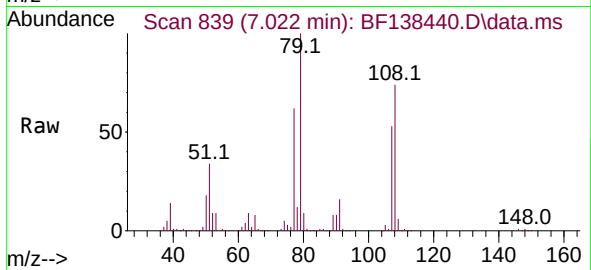
Tgt Ion:146 Resp: 702578
Ion Ratio Lower Upper
146 100
148 63.7 50.3 75.5
111 46.1 37.1 55.7





#15
Benzyl Alcohol
Concen: 50.338 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

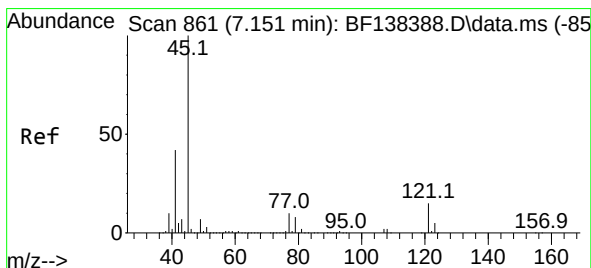
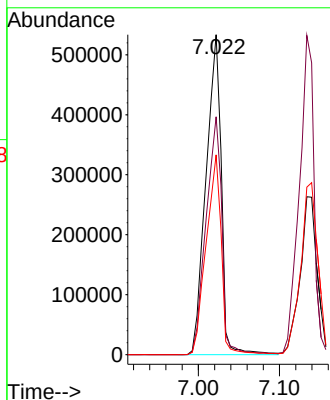
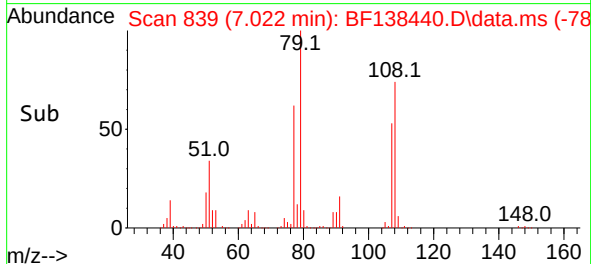
Instrument :
BNA_F
ClientSampleId :
PB161852BS



Tgt Ion: 79 Resp: 69788
Ion Ratio Lower Upper
79 100
108 74.3 60.9 91.3
77 62.4 50.6 75.8

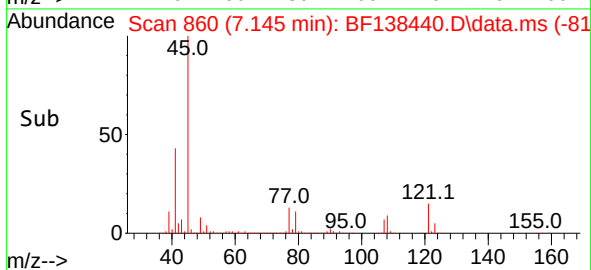
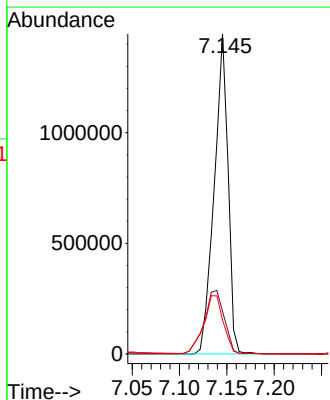
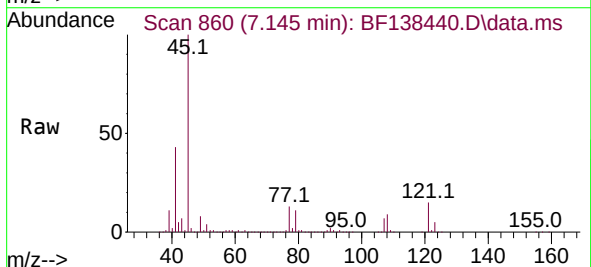
Manual Integrations
APPROVED

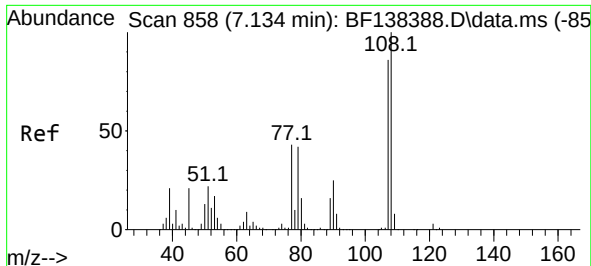
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.832 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

Tgt Ion: 45 Resp: 1464617
Ion Ratio Lower Upper
45 100
77 13.3 0.0 30.4
79 10.6 0.0 28.1





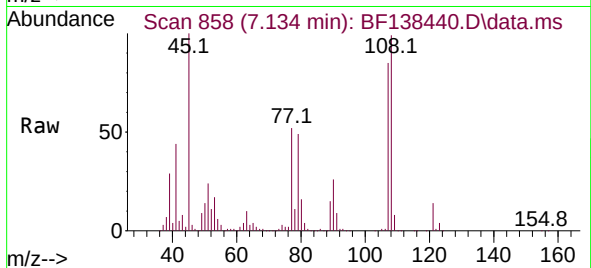
#17
2-Methylphenol
Concen: 45.902 ng
RT: 7.134 min Scan# 858
Delta R.T. 0.000 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

Instrument :

BNA_F

ClientSampleId :

PB161852BS

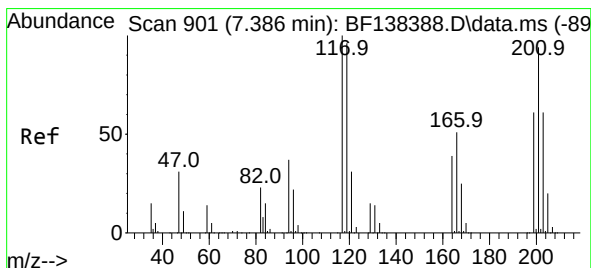
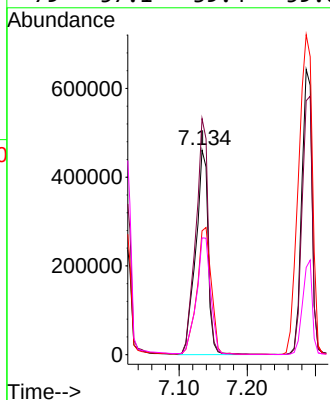
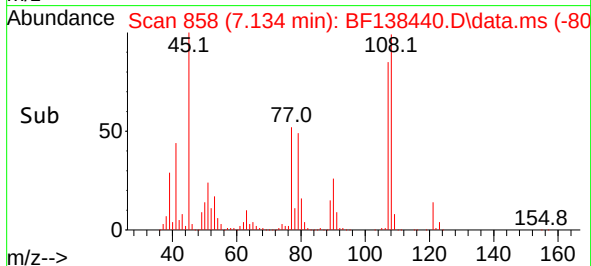


Tgt Ion:107 Resp: 58682
Ion Ratio Lower Upper
107 100
108 115.5 92.6 138.8
77 60.6 40.3 60.5
79 57.1 39.4 59.0

Manual Integrations

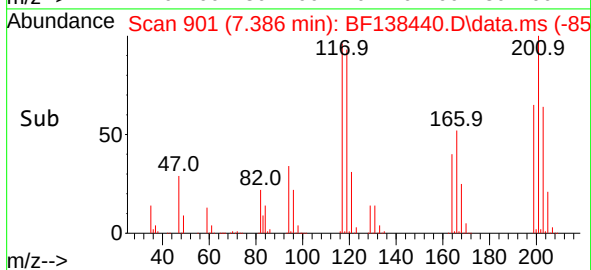
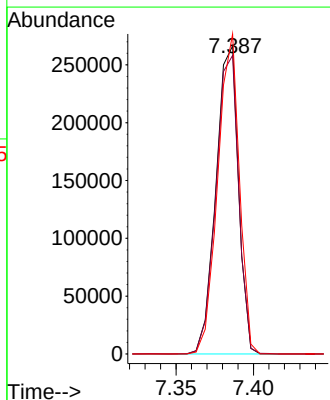
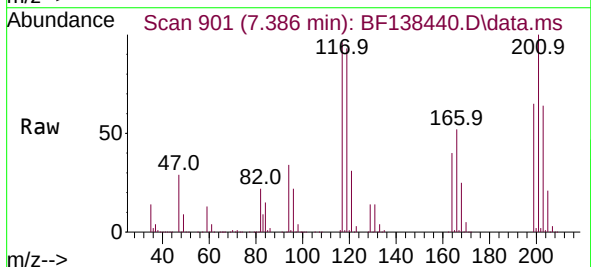
APPROVED

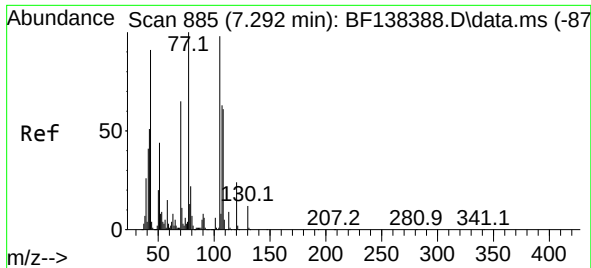
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#18
Hexachloroethane
Concen: 42.027 ng
RT: 7.386 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

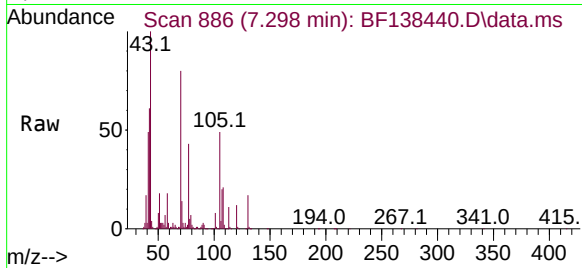
Tgt Ion:117 Resp: 268505
Ion Ratio Lower Upper
117 100
119 97.0 77.1 115.7
201 103.9 75.6 113.4





#19
n-Nitroso-di-n-propylamine
Concen: 44.917 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.006 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

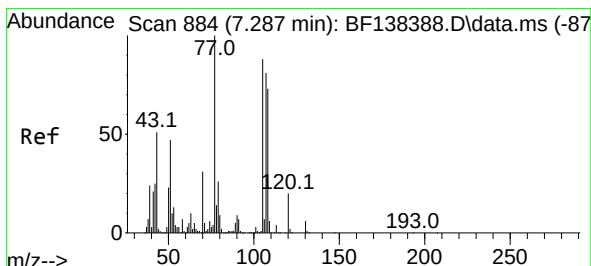
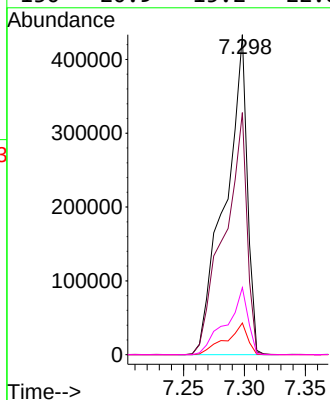
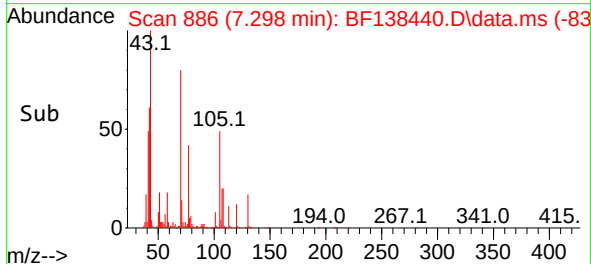
Instrument :
BNA_F
ClientSampleId :
PB161852BS



Tgt Ion: 70 Resp: 548100
Ion Ratio Lower Upper
70 100
42 75.6 62.5 93.7
101 9.9 7.0 10.4
130 20.9 15.2 22.8

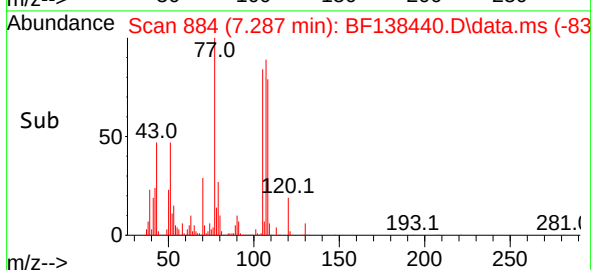
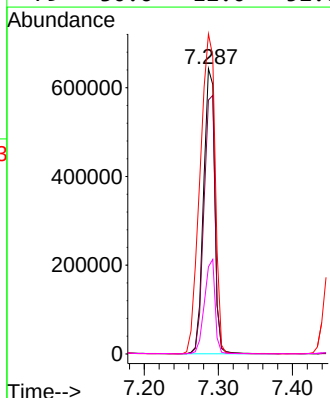
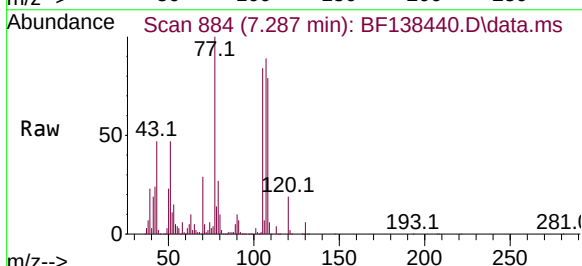
Manual Integrations
APPROVED

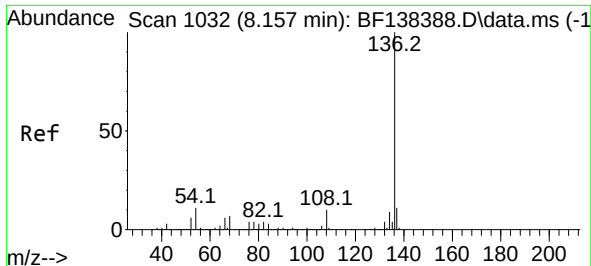
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#20
3+4-Methylphenols
Concen: 45.496 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

Tgt Ion:107 Resp: 675798
Ion Ratio Lower Upper
107 100
108 89.0 70.8 110.8
77 112.1 104.0 144.0
79 30.6 12.0 52.0





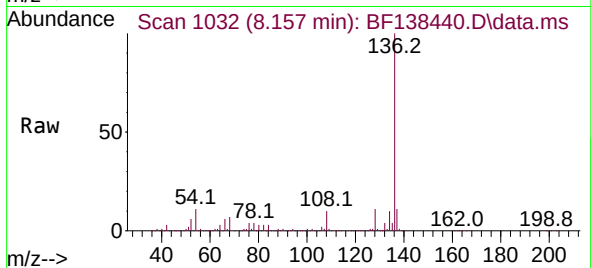
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

Instrument :

BNA_F

ClientSampleId :

PB161852BS



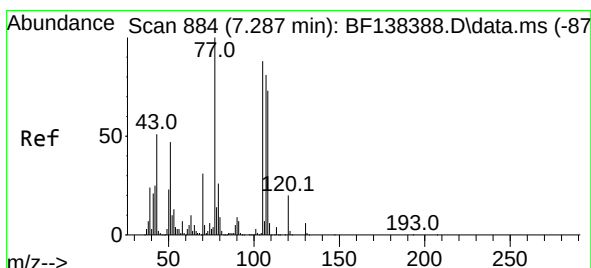
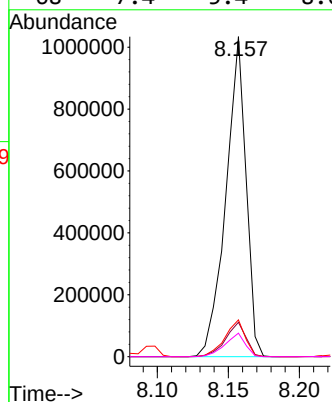
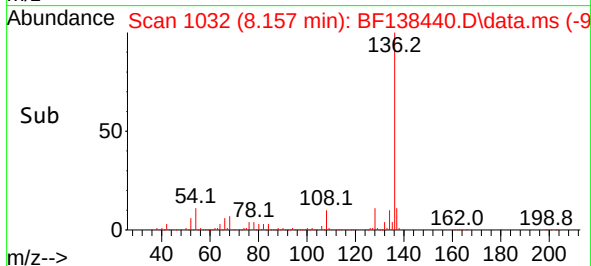
Tgt Ion:136 Resp: 1018909
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 11.5 9.0 13.4
68 7.4 5.4 8.0

Manual Integrations

APPROVED

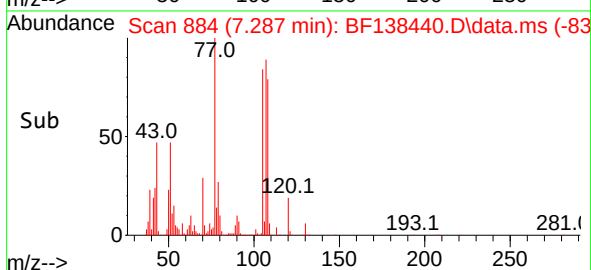
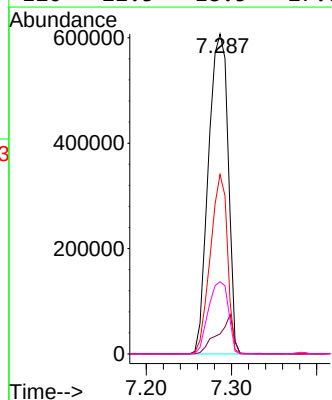
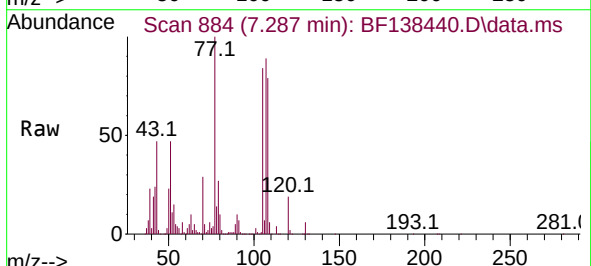
Reviewed By :Yogesh Patel 07/05/2024

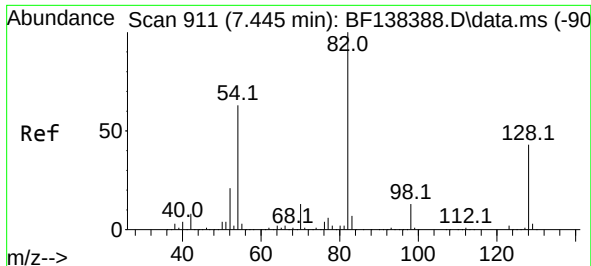
Supervised By :mohammad ahmed 07/05/2024



#22
Acetophenone
Concen: 41.969 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

Tgt Ion:105 Resp: 970143
Ion Ratio Lower Upper
105 100
71 6.3 4.7 7.1
51 56.1 43.2 64.8
120 22.5 18.5 27.7





#23
Nitrobenzene-d5
Concen: 81.210 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

Instrument :

BNA_F

ClientSampleId :

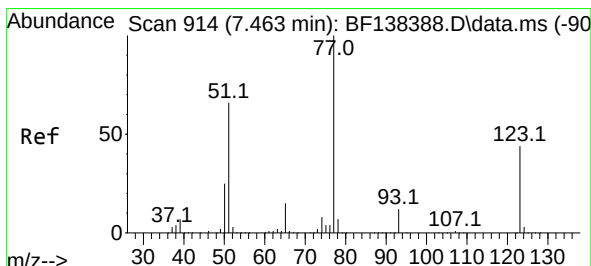
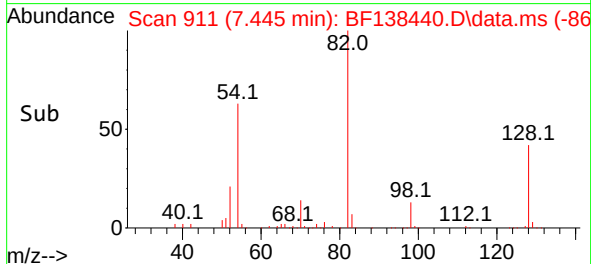
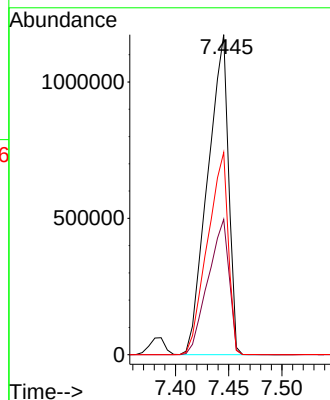
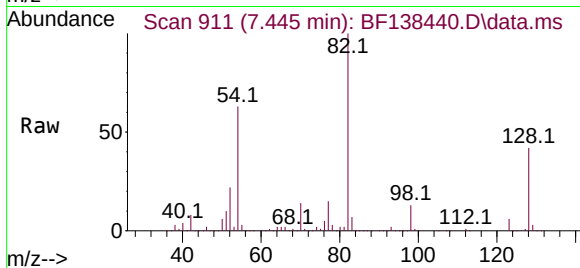
PB161852BS

Tgt Ion: 82 Resp: 159286
Ion Ratio Lower Upper
82 100
128 42.3 34.6 52.0
54 63.2 50.5 75.7

Manual Integrations

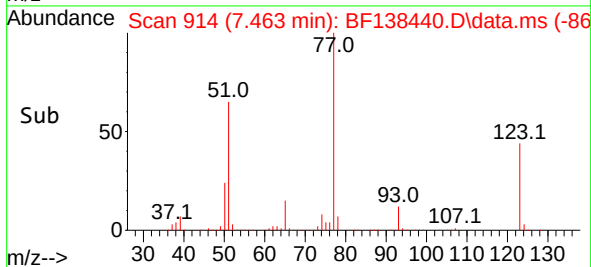
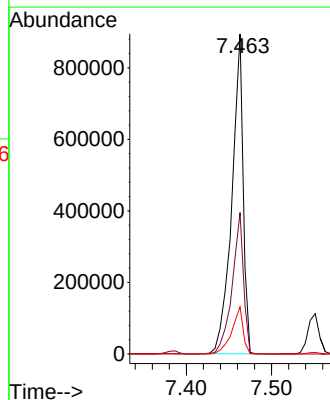
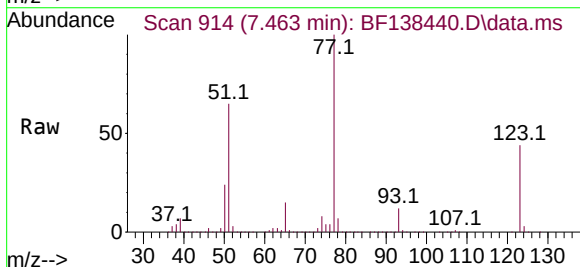
APPROVED

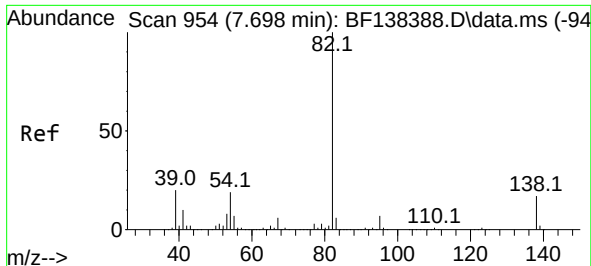
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#24
Nitrobenzene
Concen: 41.593 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

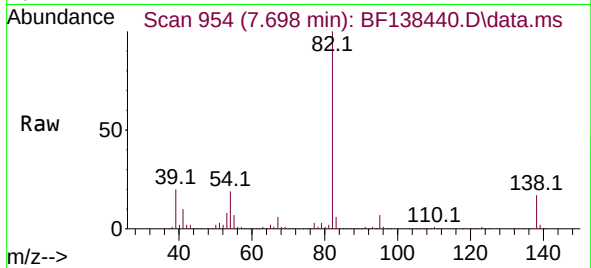
Tgt Ion: 77 Resp: 829759
Ion Ratio Lower Upper
77 100
123 44.2 35.0 52.6
65 14.7 12.1 18.1





#25
Isophorone
Concen: 44.299 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

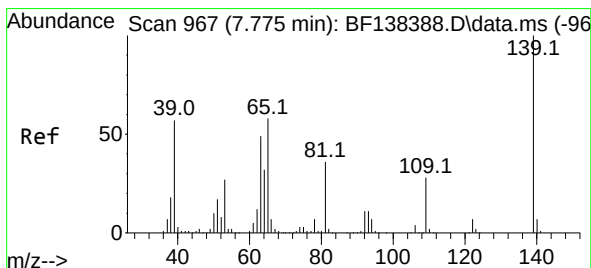
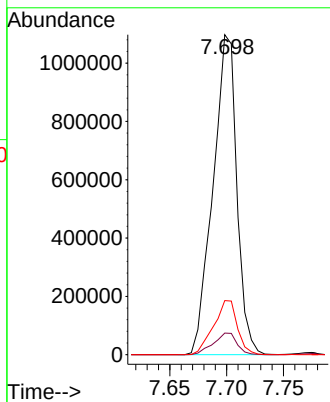
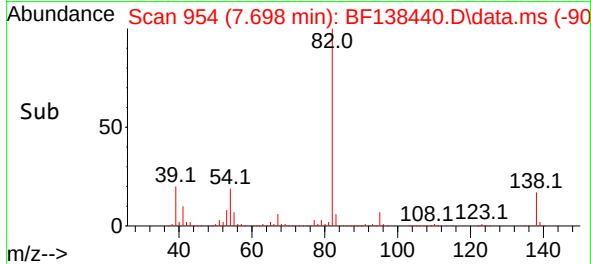
Instrument :
BNA_F
ClientSampleId :
PB161852BS



Tgt Ion: 82 Resp: 1602138
Ion Ratio Lower Upper
82 100
95 6.7 5.7 8.5
138 16.9 13.4 20.2

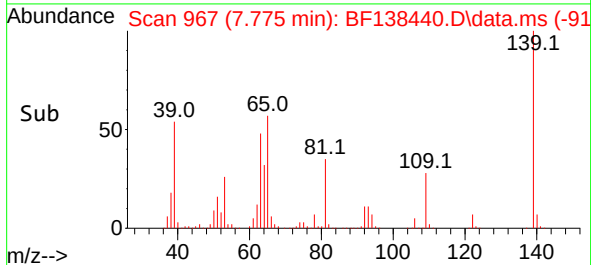
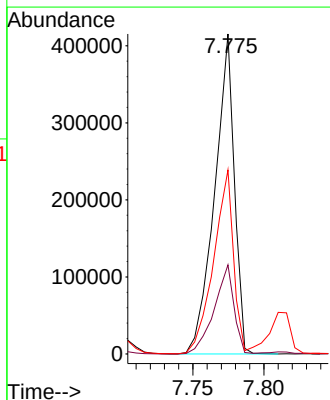
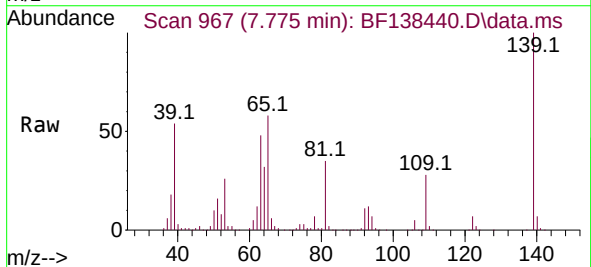
Manual Integrations
APPROVED

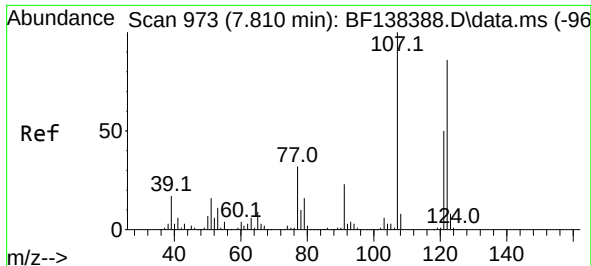
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#26
2-Nitrophenol
Concen: 46.628 ng
RT: 7.775 min Scan# 967
Delta R.T. 0.000 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

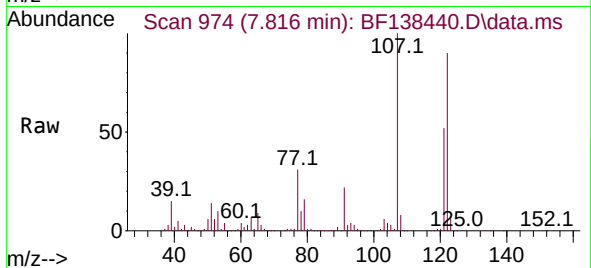
Tgt Ion:139 Resp: 401234
Ion Ratio Lower Upper
139 100
109 27.9 22.5 33.7
65 57.5 46.2 69.2





#27
2,4-Dimethylphenol
Concen: 49.153 ng m
RT: 7.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

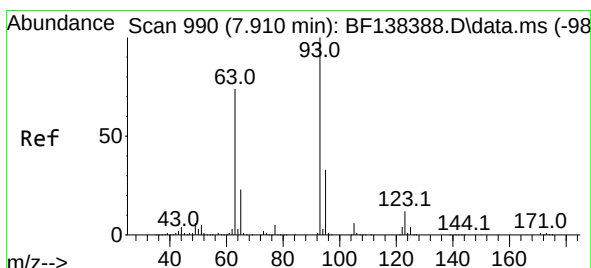
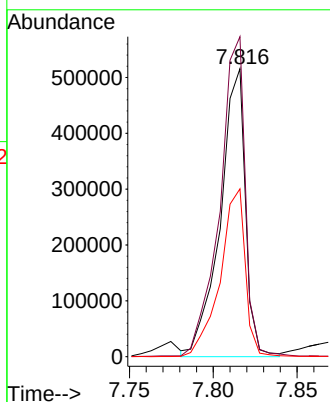
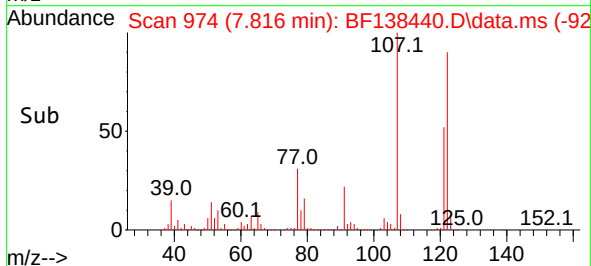
Instrument :
BNA_F
ClientSampleId :
PB161852BS



Tgt Ion:122 Resp: 541324
Ion Ratio Lower Upper
122 100
107 111.1 92.5 138.7
121 58.3 46.5 69.7

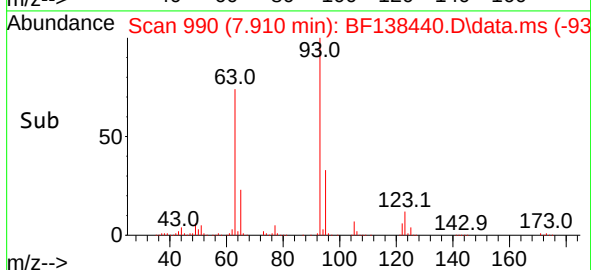
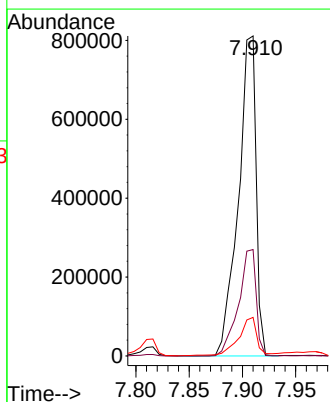
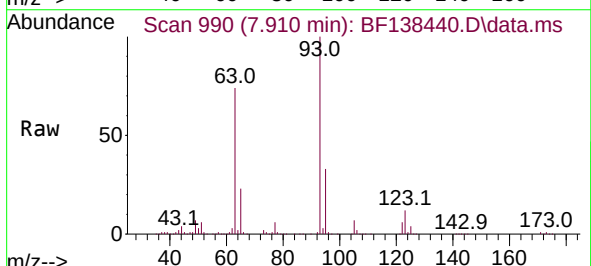
Manual Integrations
APPROVED

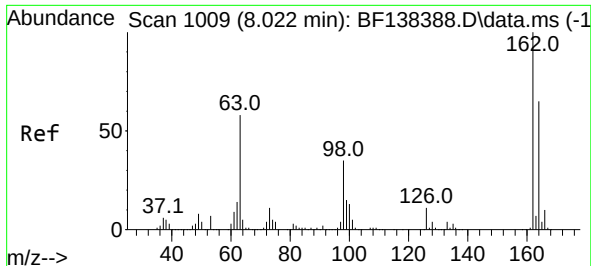
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#28
bis(2-Chloroethoxy)methane
Concen: 43.346 ng
RT: 7.910 min Scan# 990
Delta R.T. 0.000 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

Tgt Ion: 93 Resp: 943617
Ion Ratio Lower Upper
93 100
95 33.3 26.6 40.0
123 12.0 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 43.417 ng

RT: 8.022 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BF138440.D

Acq: 03 Jul 2024 11:57

Instrument :

BNA_F

ClientSampleId :

PB161852BS

Tgt Ion:162 Resp: 614118

Ion Ratio Lower Upper

162 100

164 64.5 45.4 85.4

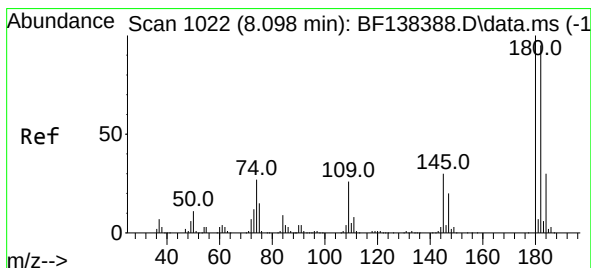
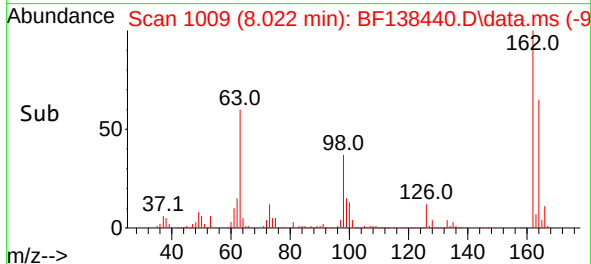
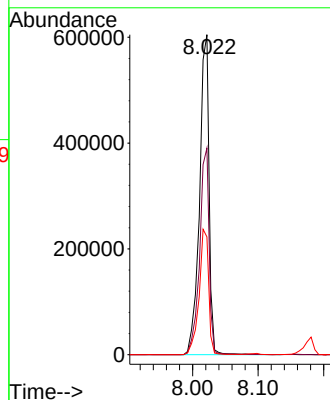
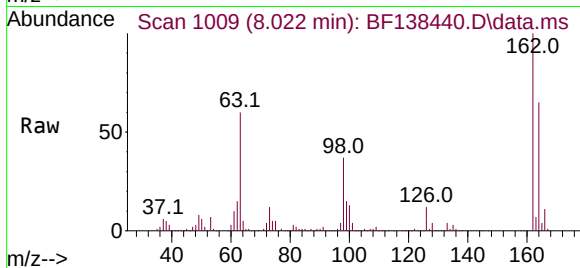
98 36.8 15.2 55.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#30

1,2,4-Trichlorobenzene

Concen: 40.134 ng

RT: 8.098 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF138440.D

Acq: 03 Jul 2024 11:57

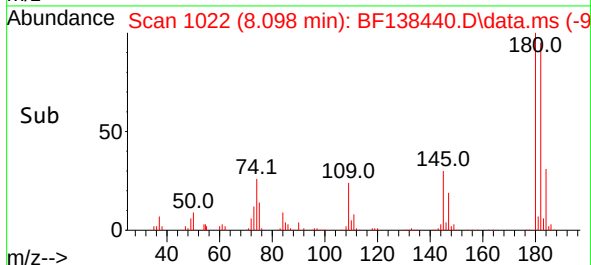
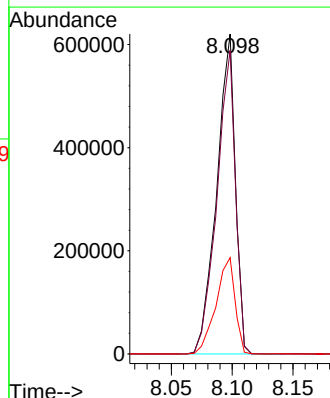
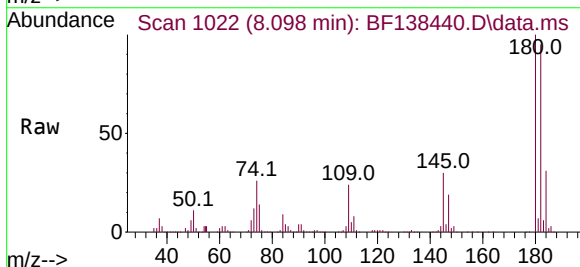
Tgt Ion:180 Resp: 660055

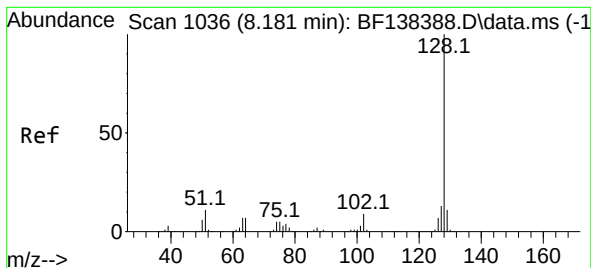
Ion Ratio Lower Upper

180 100

182 94.9 76.0 114.0

145 30.1 24.2 36.2





#31
Naphthalene
Concen: 40.548 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

Instrument :

BNA_F

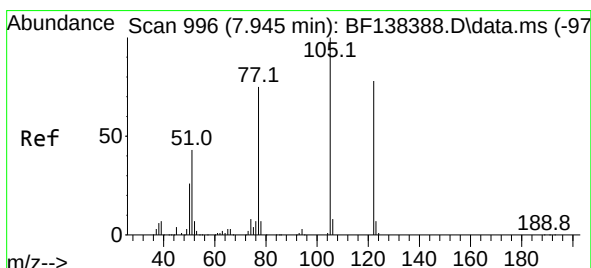
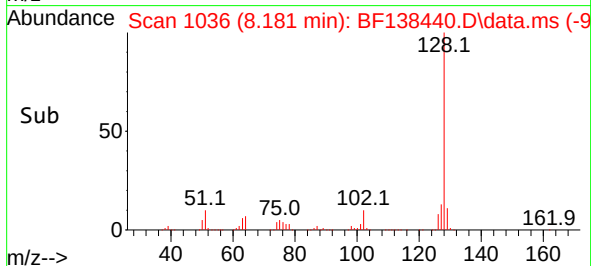
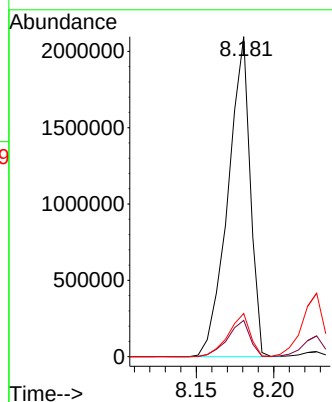
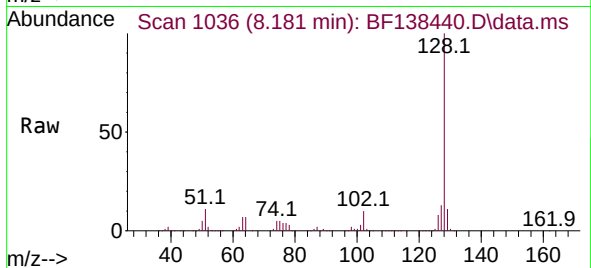
ClientSampleId :

PB161852BS

Tgt Ion:128 Resp: 208860
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.5 10.6 16.0

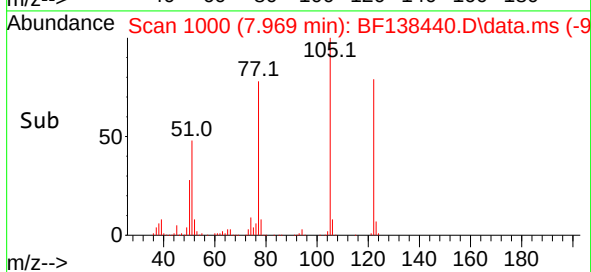
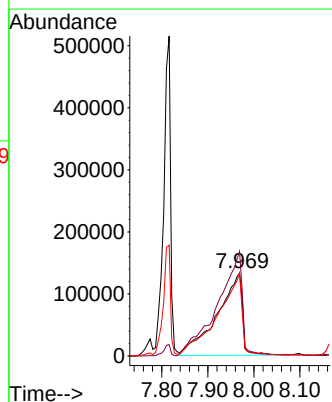
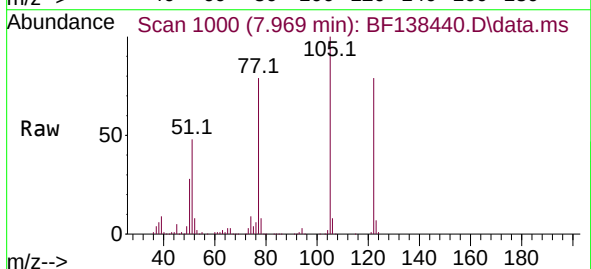
Manual Integrations
APPROVED

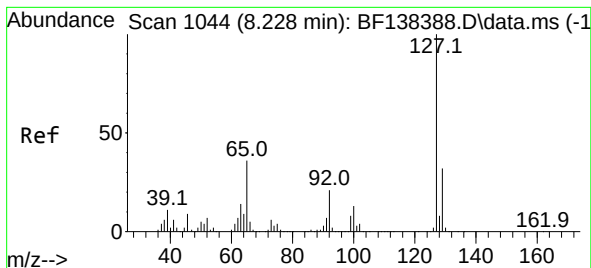
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#32
Benzoic acid
Concen: 50.036 ng
RT: 7.969 min Scan# 1000
Delta R.T. 0.024 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

Tgt Ion:122 Resp: 505585
Ion Ratio Lower Upper
122 100
105 126.7 103.8 143.8
77 100.6 74.3 114.3





#33
4-Chloroaniline
Concen: 25.323 ng
RT: 8.228 min Scan# 1044
Delta R.T. 0.000 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

Instrument :

BNA_F

ClientSampleId :

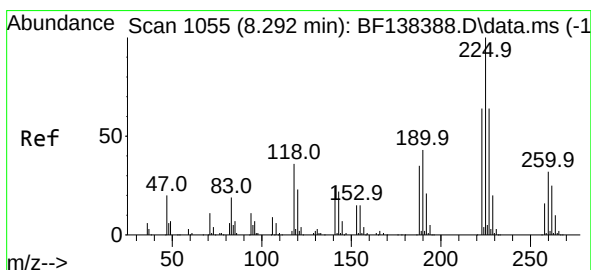
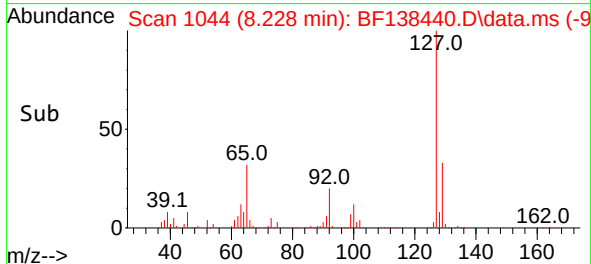
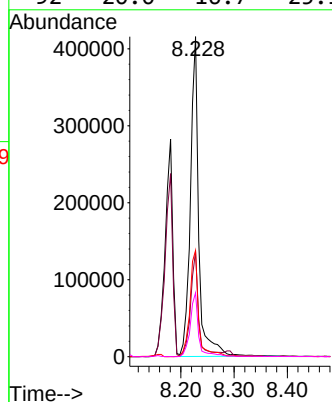
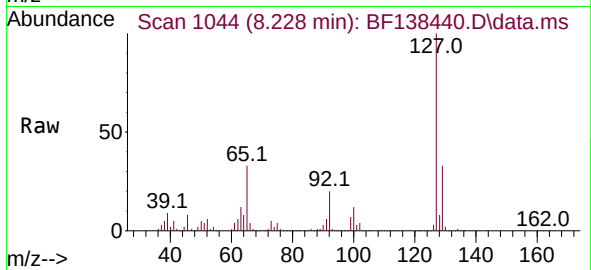
PB161852BS

Tgt Ion:127 Resp: 455540
Ion Ratio Lower Upper
127 100
129 32.8 25.4 38.2
65 33.2 28.7 43.1
92 20.0 16.7 25.1

Manual Integrations

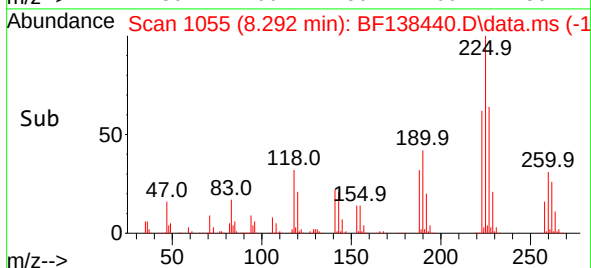
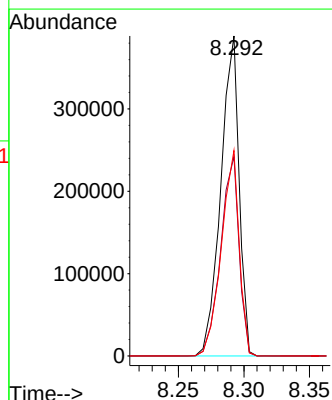
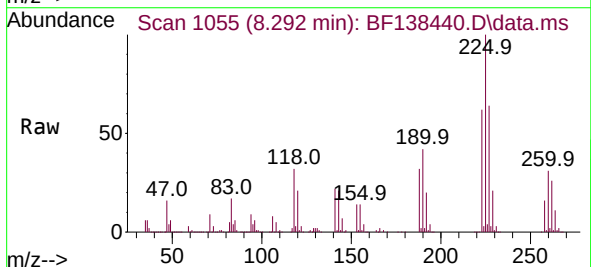
APPROVED

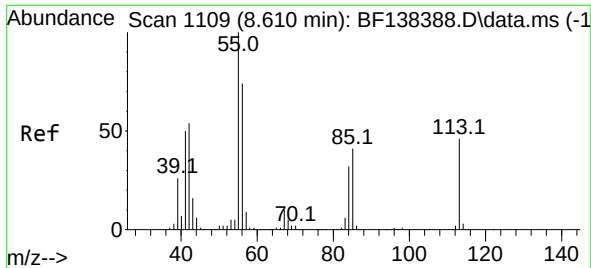
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#34
Hexachlorobutadiene
Concen: 38.117 ng
RT: 8.292 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

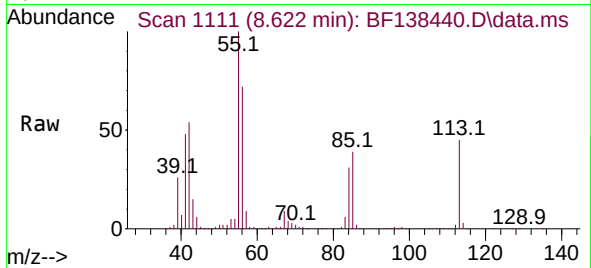
Tgt Ion:225 Resp: 376377
Ion Ratio Lower Upper
225 100
223 62.3 51.0 76.6
227 64.2 51.2 76.8





#35
Caprolactam
Concen: 46.305 ng m
RT: 8.622 min Scan# 1109
Delta R.T. 0.012 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

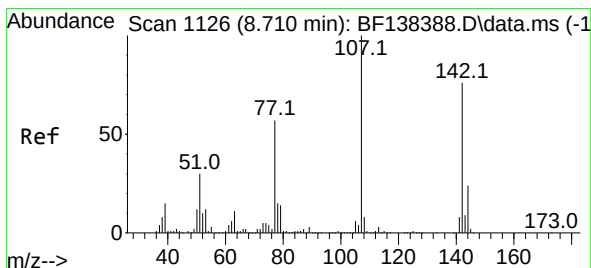
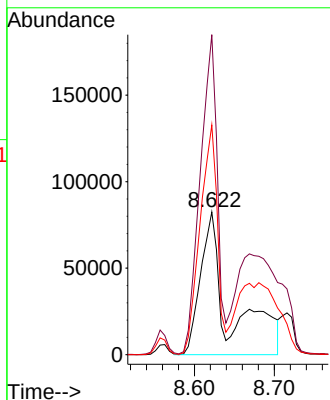
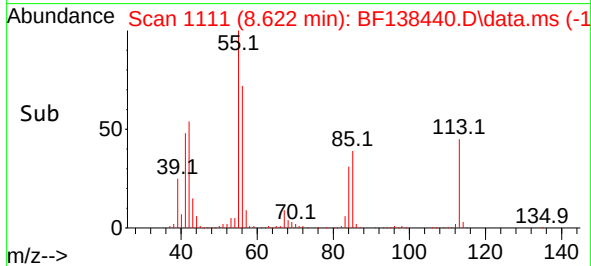
Instrument :
BNA_F
ClientSampleId :
PB161852BS



Tgt Ion:113 Resp: 206828
Ion Ratio Lower Upper
113 100
55 224.1 195.9 235.9
56 160.9 138.7 178.7

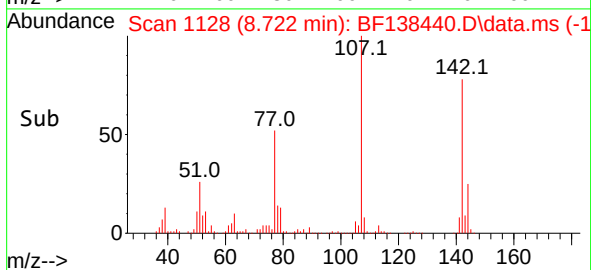
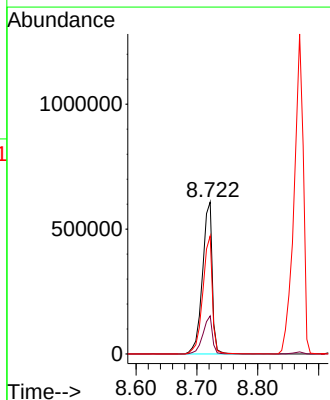
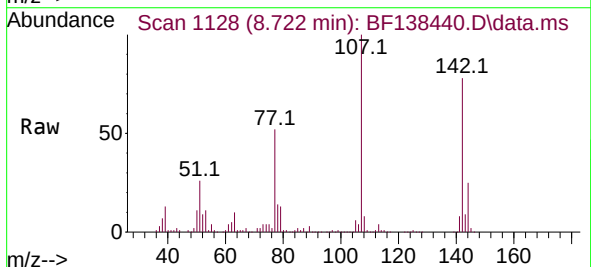
Manual Integrations
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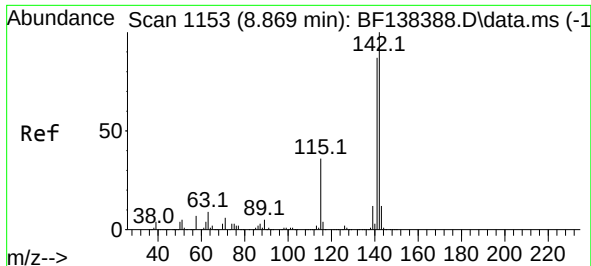
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#36
4-Chloro-3-methylphenol
Concen: 44.883 ng
RT: 8.722 min Scan# 1128
Delta R.T. 0.012 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

Tgt Ion:107 Resp: 676238
Ion Ratio Lower Upper
107 100
144 25.0 19.2 28.8
142 77.7 61.0 91.6





#37

2-Methylnaphthalene

Concen: 40.632 ng

RT: 8.869 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF138440.D

Acq: 03 Jul 2024 11:57

Instrument :

BNA_F

ClientSampleId :

PB161852BS

Tgt Ion:142 Resp: 1352638

Ion Ratio Lower Upper

142 100

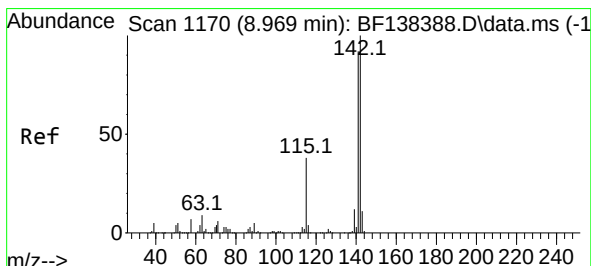
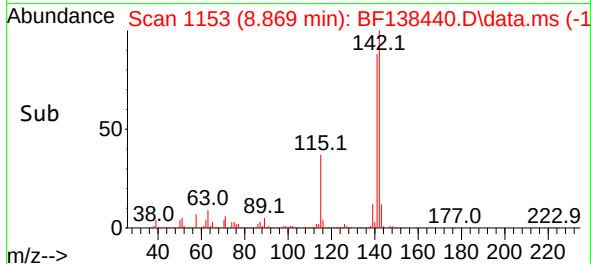
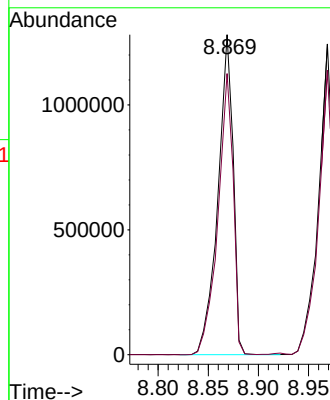
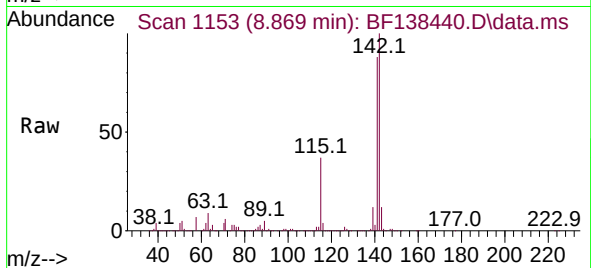
141 87.9 69.6 104.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#38

1-Methylnaphthalene

Concen: 39.055 ng

RT: 8.969 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF138440.D

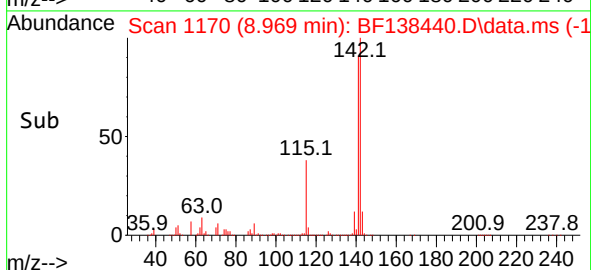
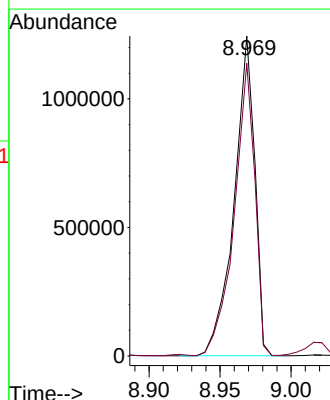
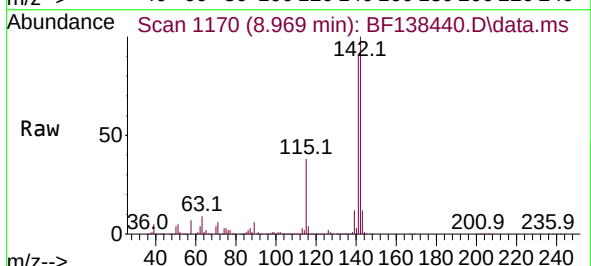
Acq: 03 Jul 2024 11:57

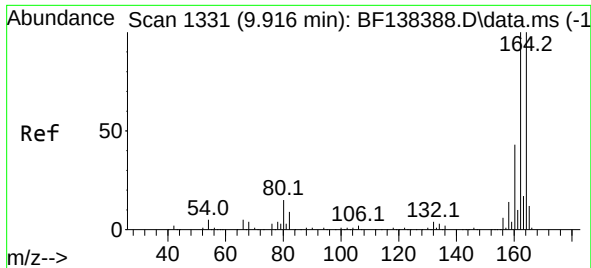
Tgt Ion:142 Resp: 1260905

Ion Ratio Lower Upper

142 100

141 91.5 73.7 110.5





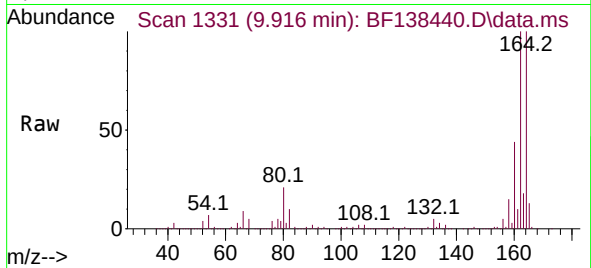
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

Instrument :

BNA_F

ClientSampleId :

PB161852BS



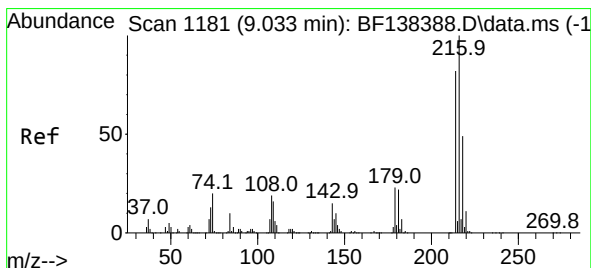
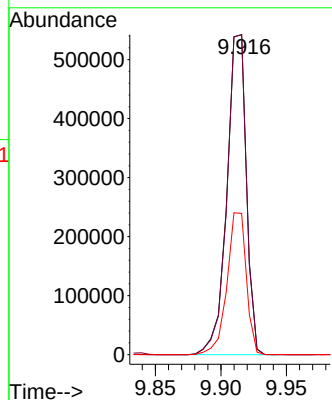
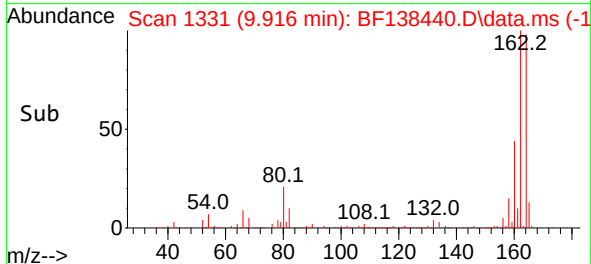
Tgt Ion:164 Resp: 56251
Ion Ratio Lower Upper
164 100
162 100.0 80.1 120.1
160 44.2 34.1 51.1

Manual Integrations

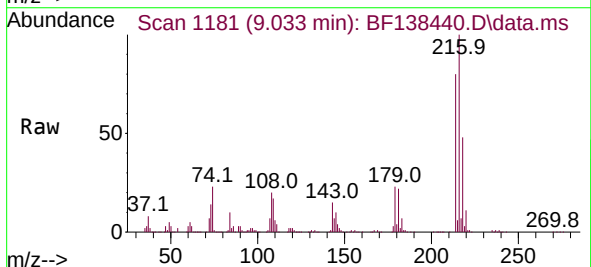
APPROVED

Reviewed By :Yogesh Patel 07/05/2024

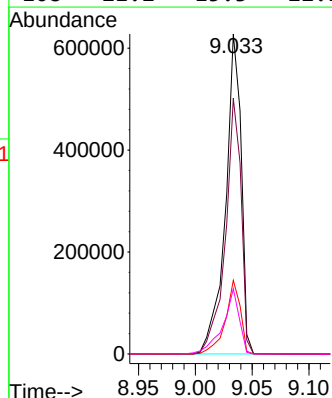
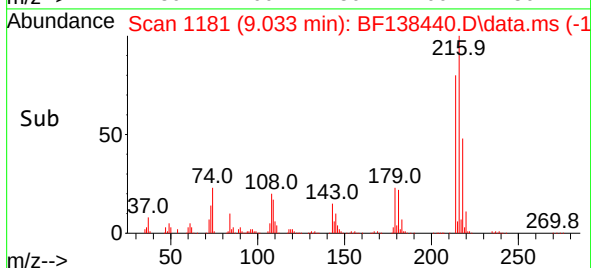
Supervised By :mohammad ahmed 07/05/2024

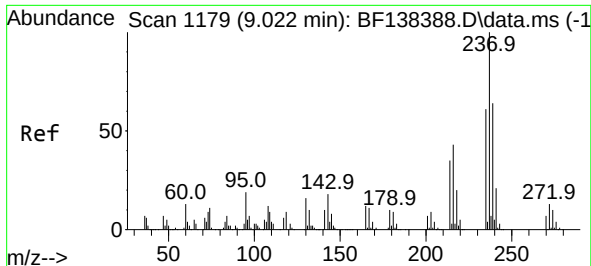


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.839 ng
RT: 9.033 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57



Tgt Ion:216 Resp: 604298
Ion Ratio Lower Upper
216 100
214 79.6 64.2 96.4
179 22.0 17.4 26.0
108 21.2 15.3 22.9





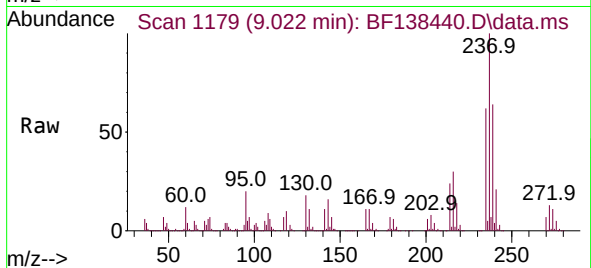
#41
Hexachlorocyclopentadiene
Concen: 104.872 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

Instrument :

BNA_F

ClientSampleId :

PB161852BS

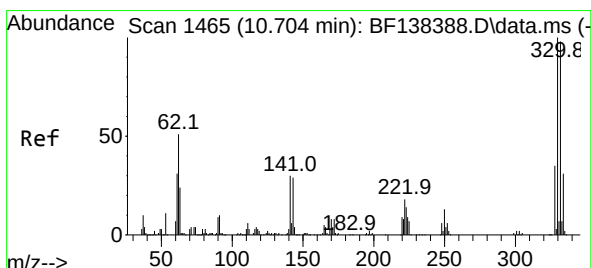
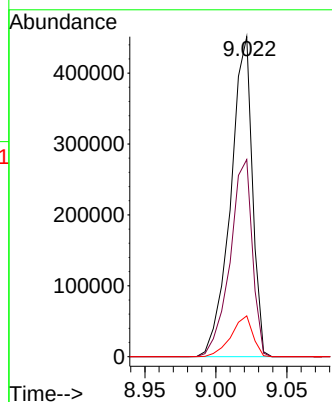
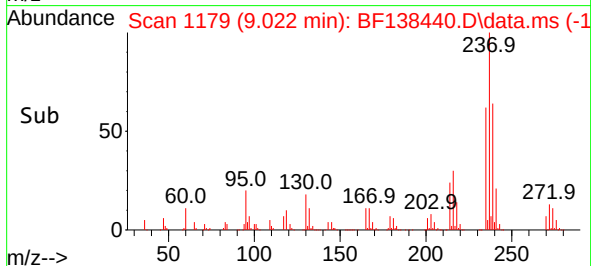


Tgt Ion:237 Resp: 480299
Ion Ratio Lower Upper
237 100
235 61.6 41.4 81.4
272 12.7 0.0 33.1

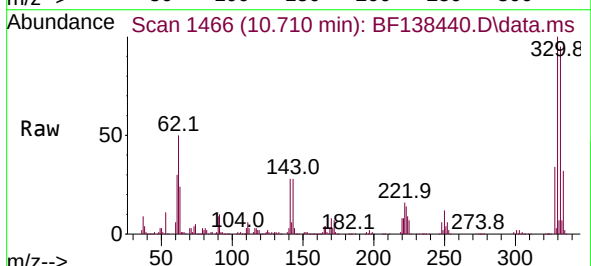
Manual Integrations

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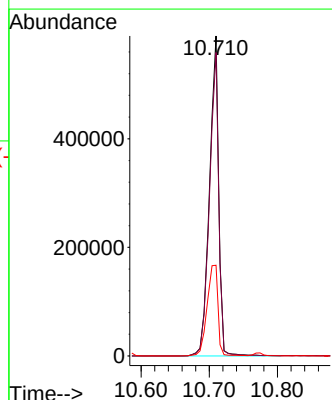
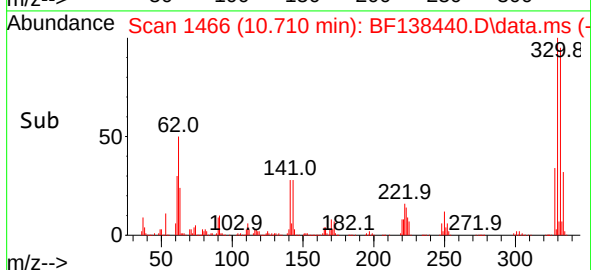
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

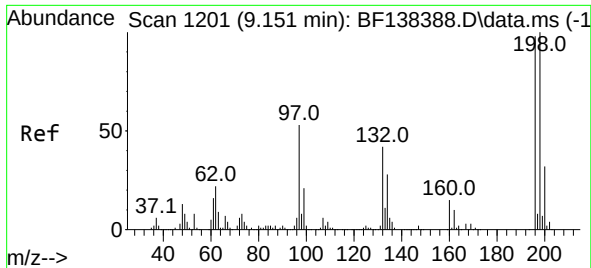


#42
2,4,6-Tribromophenol
Concen: 120.813 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.006 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57



Tgt Ion:330 Resp: 555230
Ion Ratio Lower Upper
330 100
332 95.3 77.0 115.6
141 33.6 28.1 42.1





#43
2,4,6-Trichlorophenol
Concen: 42.015 ng
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

Instrument :

BNA_F

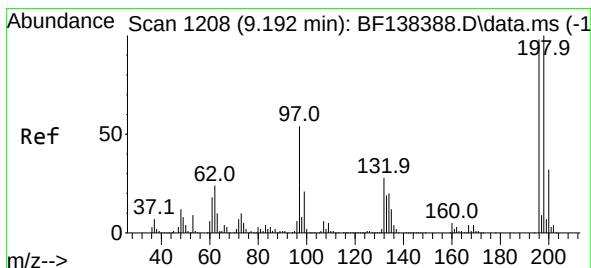
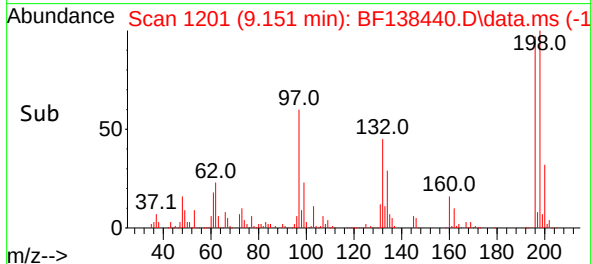
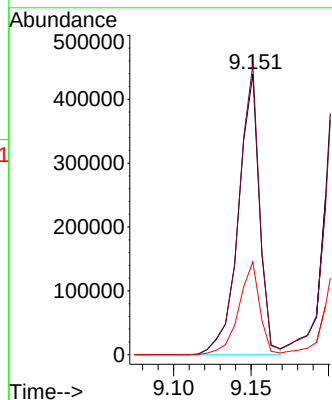
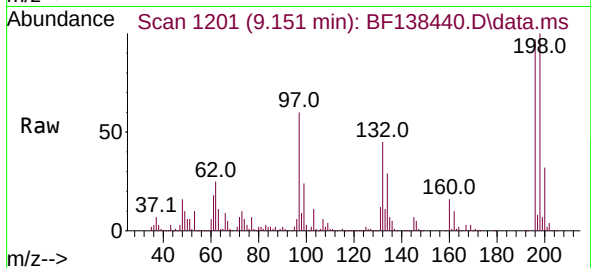
ClientSampleId :

PB161852BS

Tgt Ion:196 Resp: 41596
Ion Ratio Lower Upper
196 100
198 103.4 81.8 122.8
200 33.1 26.2 39.4

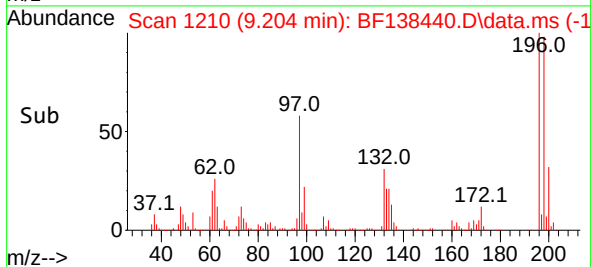
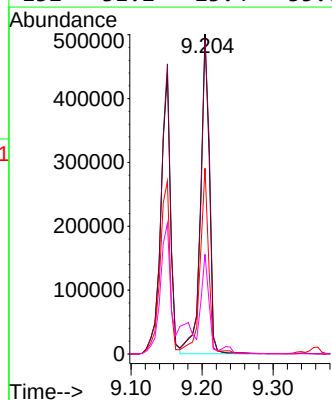
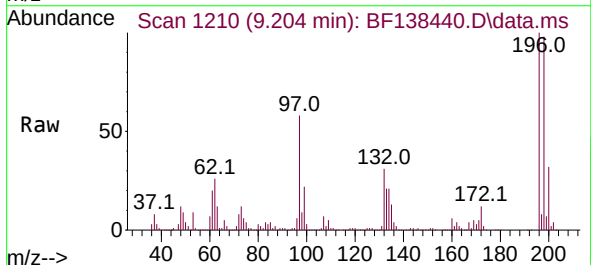
Manual Integrations
APPROVED

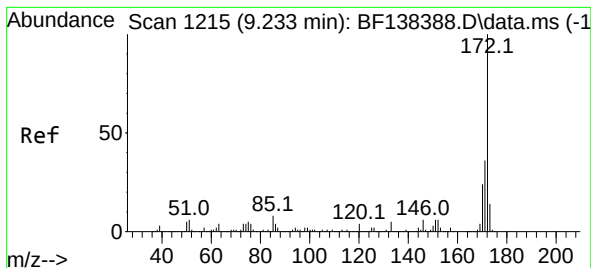
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#44
2,4,5-Trichlorophenol
Concen: 40.317 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.012 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

Tgt Ion:196 Resp: 434106
Ion Ratio Lower Upper
196 100
198 98.5 81.8 122.6
97 58.0 44.2 66.4
132 31.2 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 71.164 ng

RT: 9.239 min Scan# 1215

Delta R.T. 0.006 min

Lab File: BF138440.D

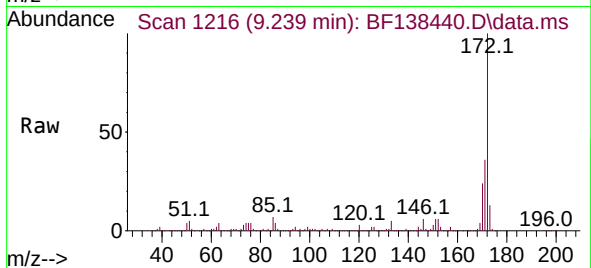
Acq: 03 Jul 2024 11:57

Instrument :

BNA_F

ClientSampleId :

PB161852BS



Tgt Ion:172 Resp: 2515320

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.4

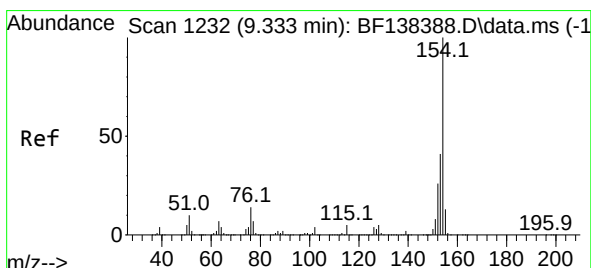
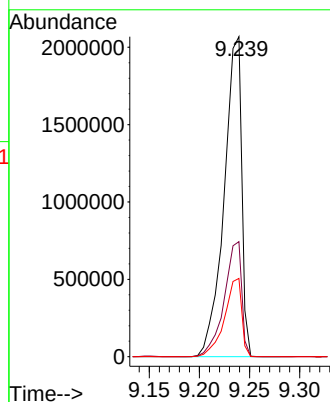
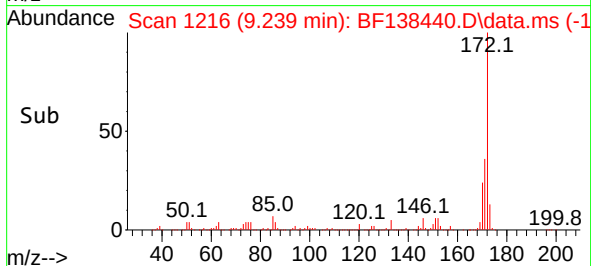
170 24.4 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#46

1,1'-Biphenyl

Concen: 39.507 ng

RT: 9.339 min Scan# 1233

Delta R.T. 0.006 min

Lab File: BF138440.D

Acq: 03 Jul 2024 11:57

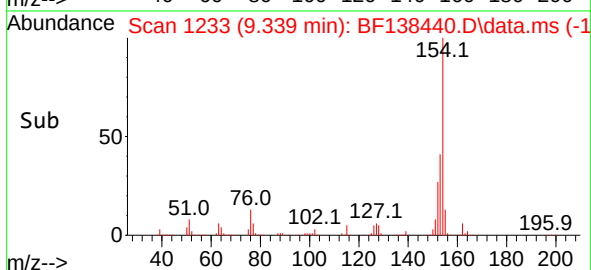
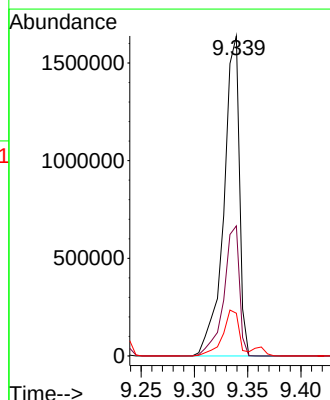
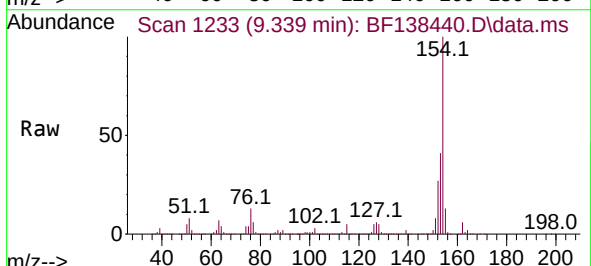
Tgt Ion:154 Resp: 1659315

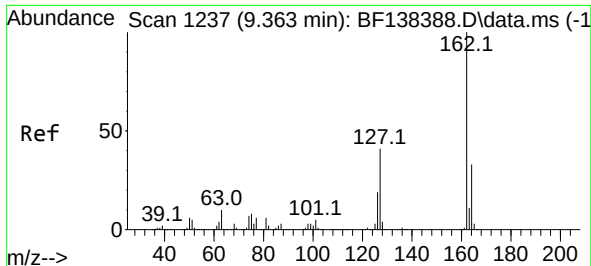
Ion Ratio Lower Upper

154 100

153 40.7 20.5 60.5

76 13.3 0.0 34.4





#47

2-Chloronaphthalene

Concen: 39.710 ng

RT: 9.363 min Scan# 1237

Delta R.T. -0.000 min

Lab File: BF138440.D

Acq: 03 Jul 2024 11:57

Instrument :

BNA_F

ClientSampleId :

PB161852BS

Tgt Ion:162 Resp: 1271650

Ion Ratio Lower Upper

162 100

127 41.3 32.7 49.1

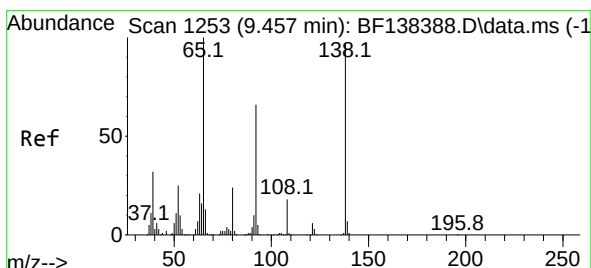
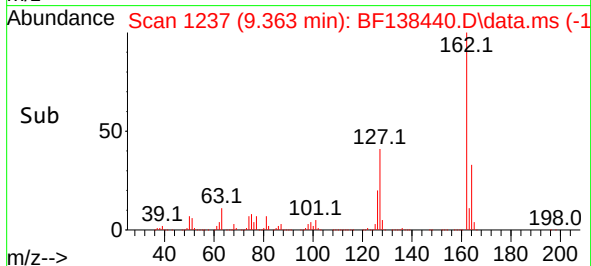
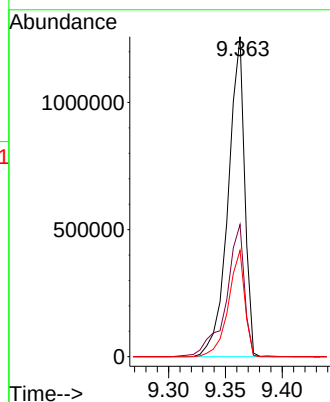
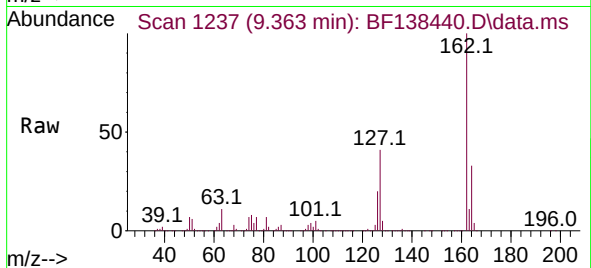
164 33.2 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#48

2-Nitroaniline

Concen: 47.152 ng

RT: 9.463 min Scan# 1254

Delta R.T. 0.006 min

Lab File: BF138440.D

Acq: 03 Jul 2024 11:57

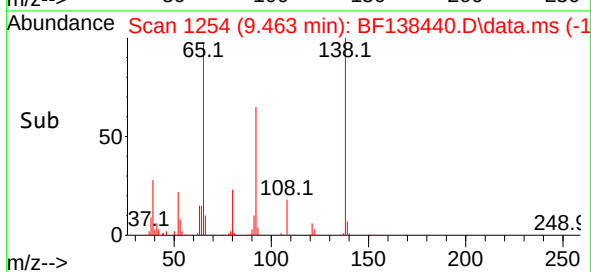
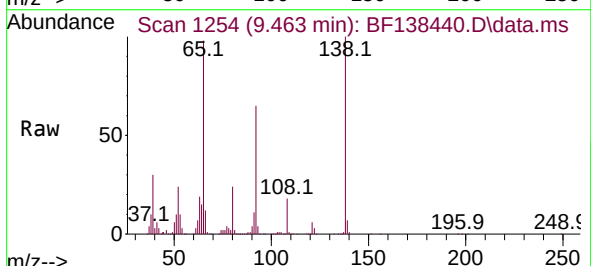
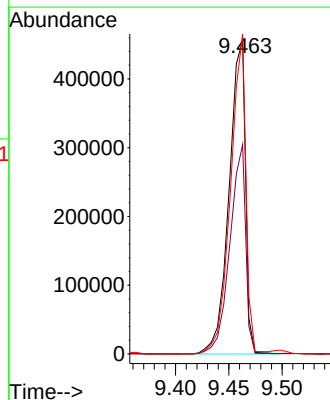
Tgt Ion: 65 Resp: 487072

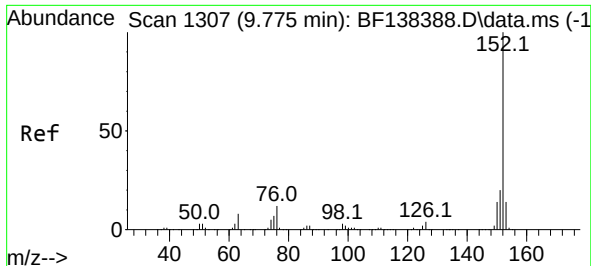
Ion Ratio Lower Upper

65 100

92 66.8 52.6 79.0

138 102.1 77.4 116.0





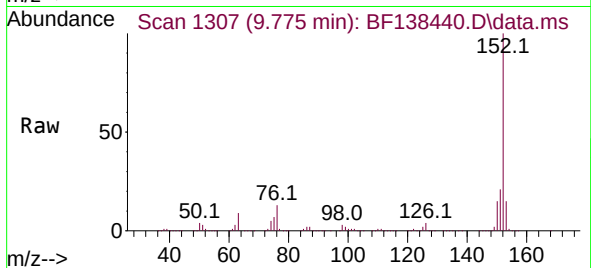
#49
Acenaphthylene
Concen: 42.605 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

Instrument :

BNA_F

ClientSampleId :

PB161852BS



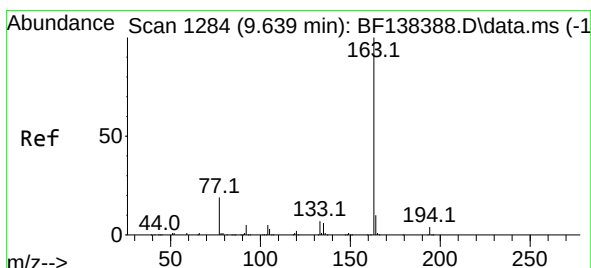
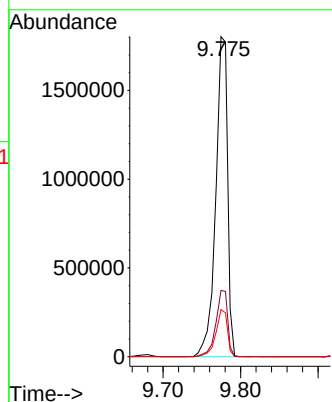
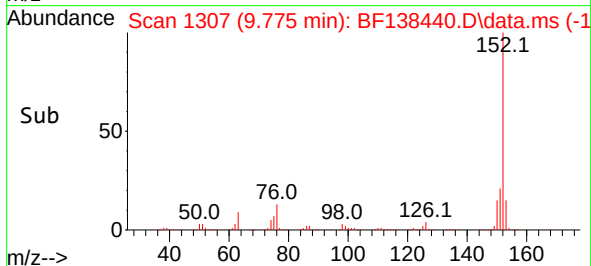
Tgt Ion:152 Resp: 1918810
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 14.7 11.4 17.2

Manual Integrations

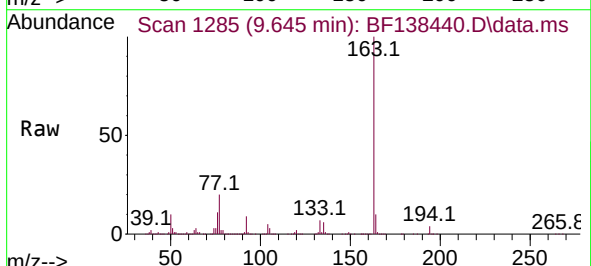
APPROVED

Reviewed By :Yogesh Patel 07/05/2024

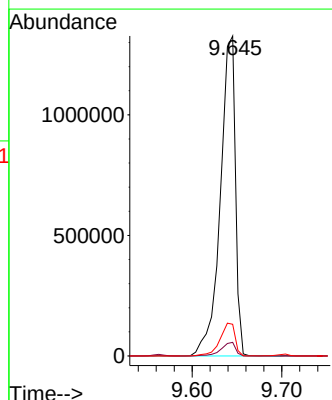
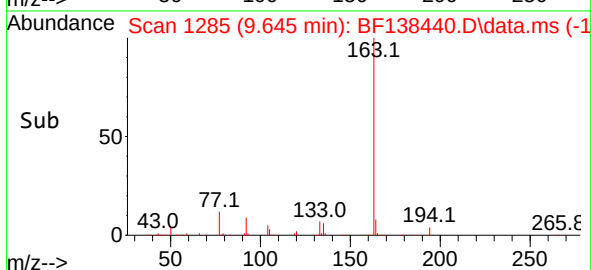
Supervised By :mohammad ahmed 07/05/2024

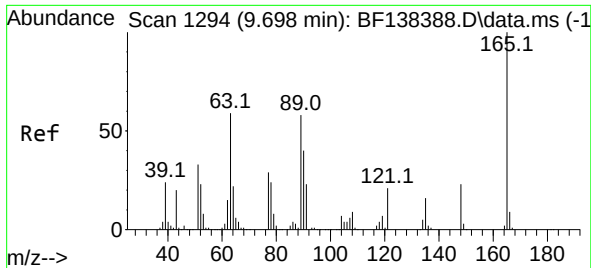


#50
Dimethylphthalate
Concen: 42.928 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.006 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57



Tgt Ion:163 Resp: 1551929
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 9.9 8.2 12.4





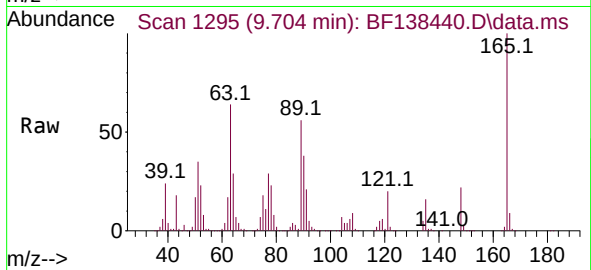
#51
2,6-Dinitrotoluene
Concen: 42.491 ng
RT: 9.704 min Scan# 1294
Delta R.T. 0.006 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

Instrument :

BNA_F

ClientSampleId :

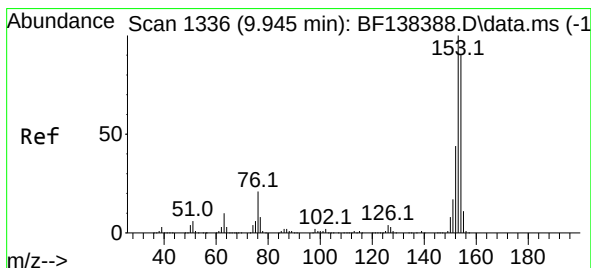
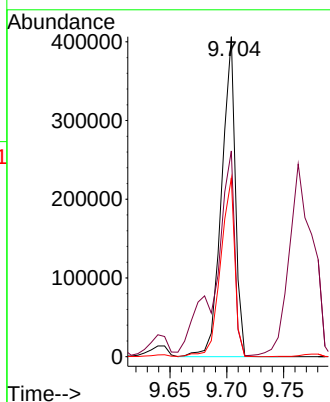
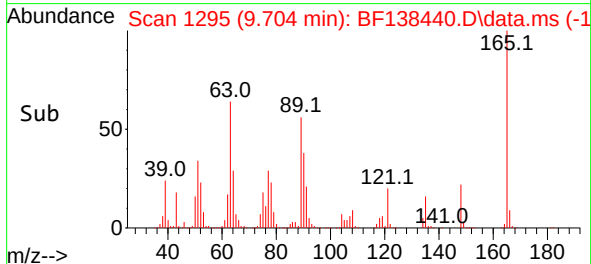
PB161852BS



Tgt Ion:165 Resp: 34403
Ion Ratio Lower Upper
165 100
63 64.3 53.8 80.8
89 55.8 46.4 69.6

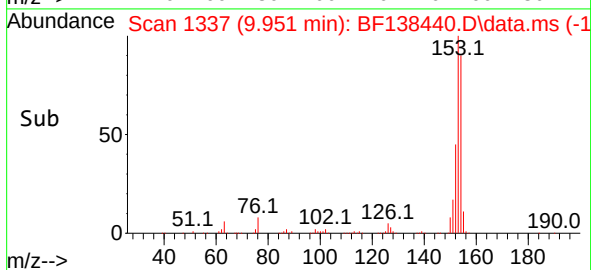
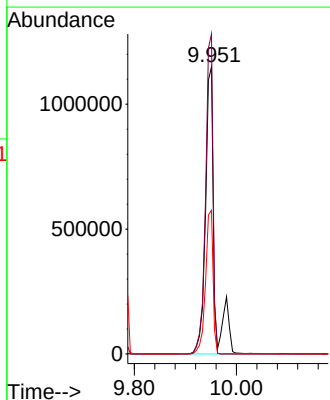
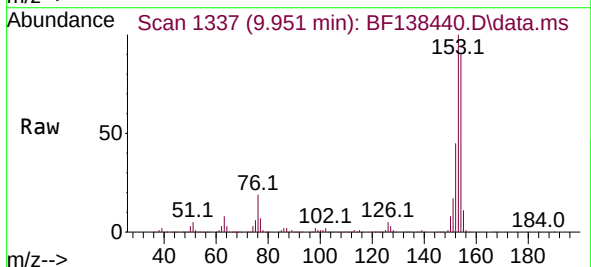
Manual Integrations
APPROVED

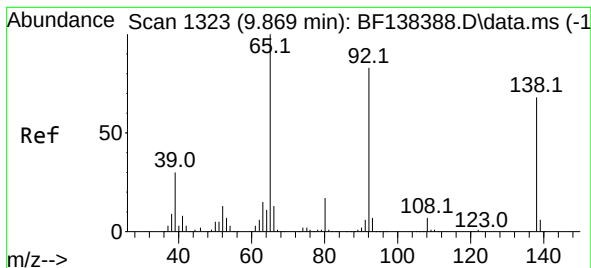
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#52
Acenaphthene
Concen: 44.916 ng m
RT: 9.951 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

Tgt Ion:154 Resp: 1385126
Ion Ratio Lower Upper
154 100
153 111.5 89.4 134.0
152 50.1 39.7 59.5





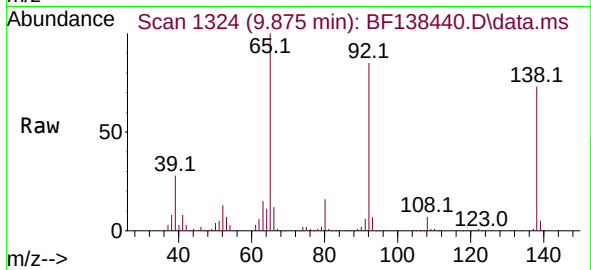
#53
3-Nitroaniline
Concen: 33.888 ng
RT: 9.875 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

Instrument :

BNA_F

ClientSampleId :

PB161852BS



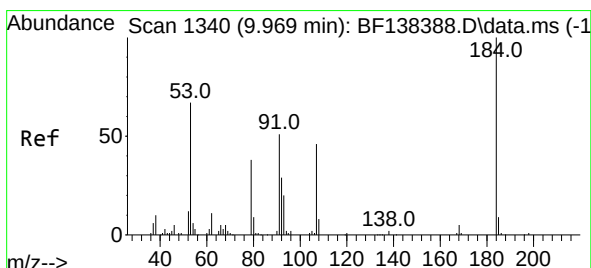
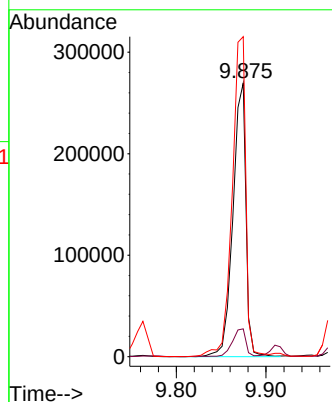
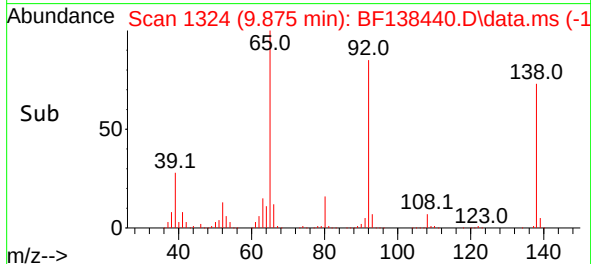
Tgt Ion:138 Resp: 270990
Ion Ratio Lower Upper
138 100
108 10.2 8.6 12.8
92 116.9 97.3 145.9

Manual Integrations

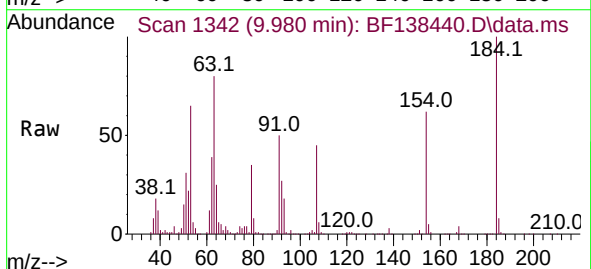
APPROVED

Reviewed By :Yogesh Patel 07/05/2024

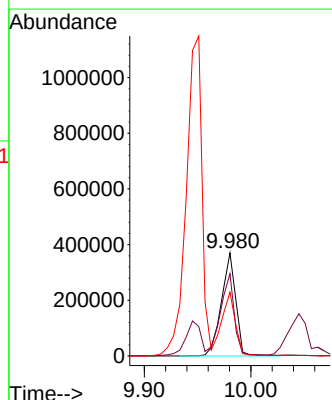
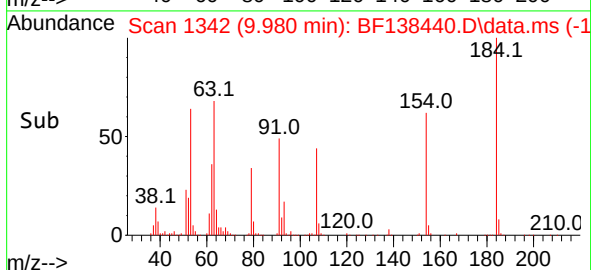
Supervised By :mohammad ahmed 07/05/2024

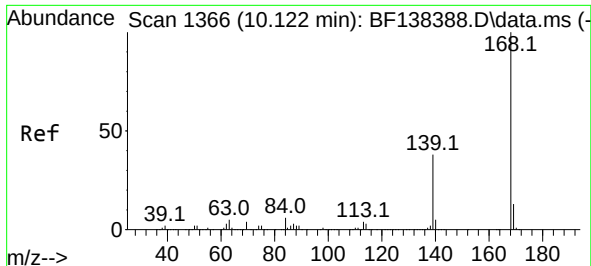


#54
2,4-Dinitrophenol
Concen: 99.163 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.011 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57



Tgt Ion:184 Resp: 347844
Ion Ratio Lower Upper
184 100
63 79.9 67.3 100.9
154 61.9 51.0 76.4





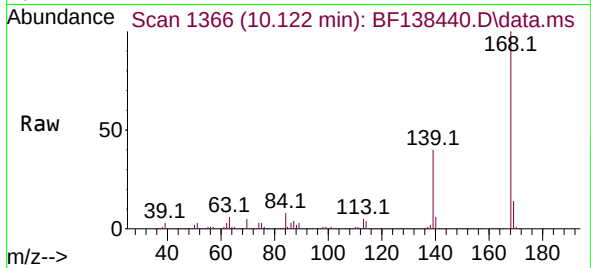
#55
Dibenzofuran
Concen: 39.930 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

Instrument :

BNA_F

ClientSampleId :

PB161852BS



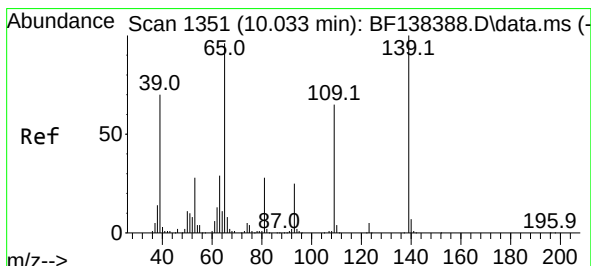
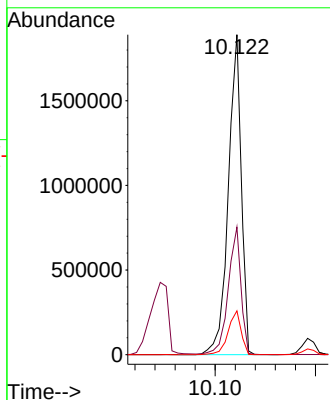
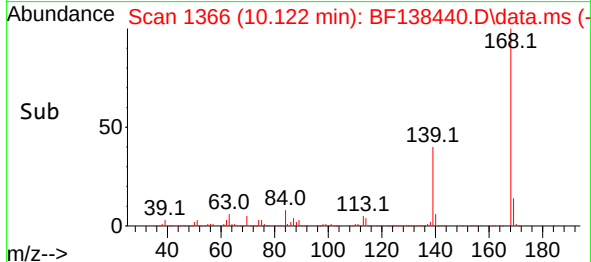
Tgt Ion:168 Resp: 1696614
Ion Ratio Lower Upper
168 100
139 39.9 30.4 45.6
169 13.7 10.7 16.1

Manual Integrations

APPROVED

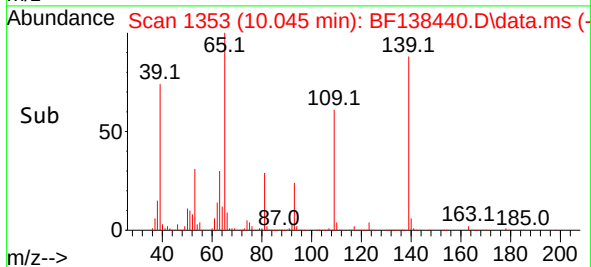
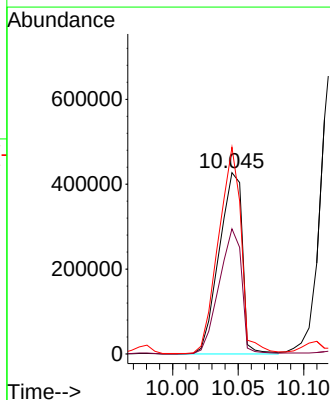
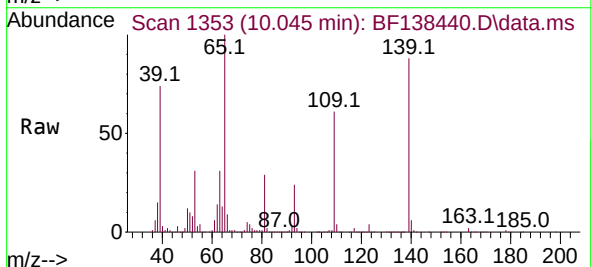
Reviewed By :Yogesh Patel 07/05/2024

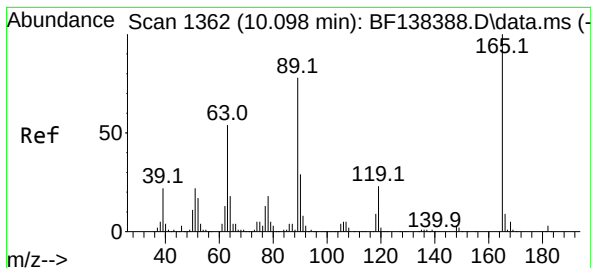
Supervised By :mohammad ahmed 07/05/2024



#56
4-Nitrophenol
Concen: 101.447 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.012 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

Tgt Ion:139 Resp: 525984
Ion Ratio Lower Upper
139 100
109 69.1 44.6 84.6
65 114.1 75.9 115.9





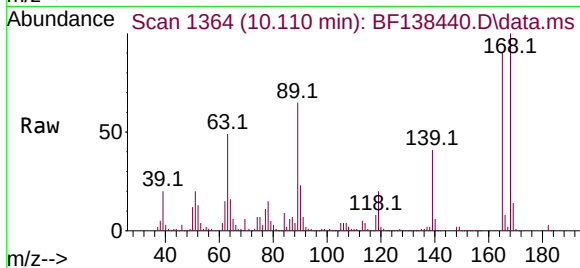
#57
2,4-Dinitrotoluene
Concen: 44.850 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.012 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

Instrument :

BNA_F

ClientSampleId :

PB161852BS

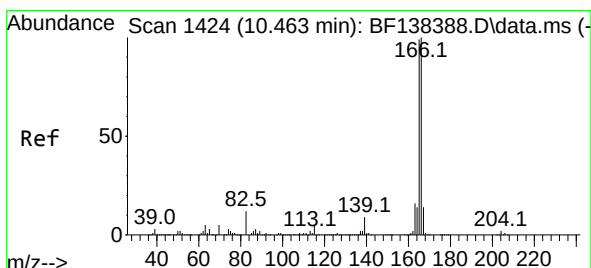
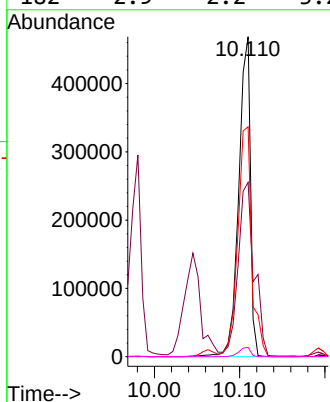
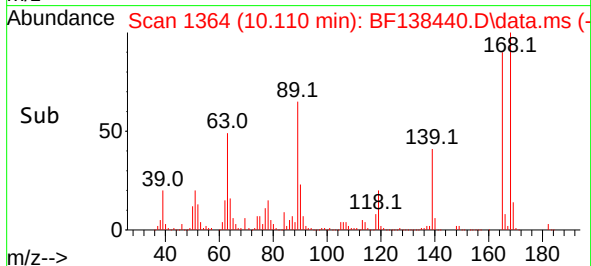


Tgt Ion:165 Resp: 44712
Ion Ratio Lower Upper
165 100
63 54.5 43.4 65.2
89 71.8 62.6 93.8
182 2.9 2.2 3.2

Manual Integrations

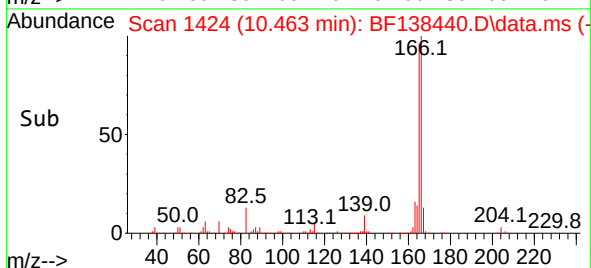
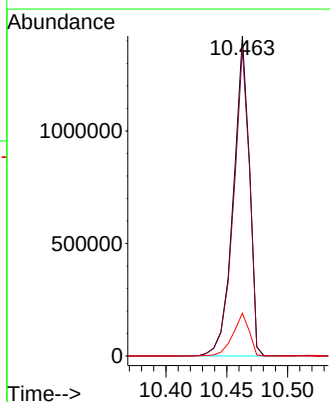
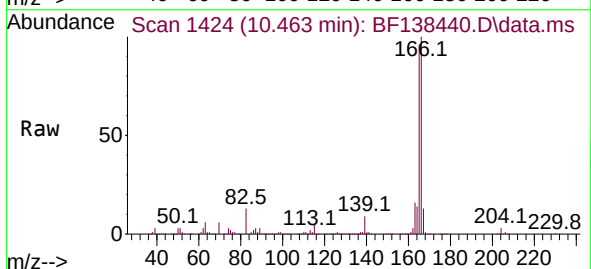
APPROVED

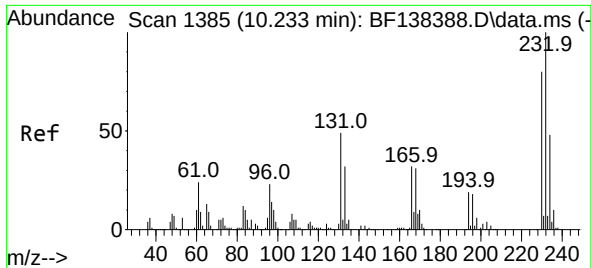
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#58
Fluorene
Concen: 38.323 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

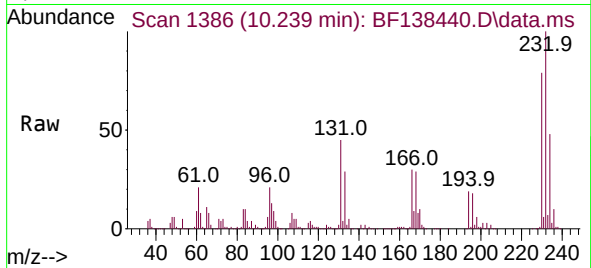
Tgt Ion:166 Resp: 1293854
Ion Ratio Lower Upper
166 100
165 96.1 79.0 118.6
167 13.4 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.278 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.006 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

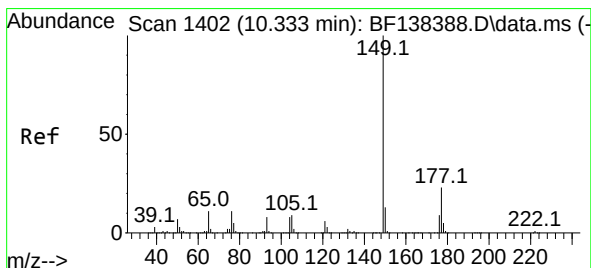
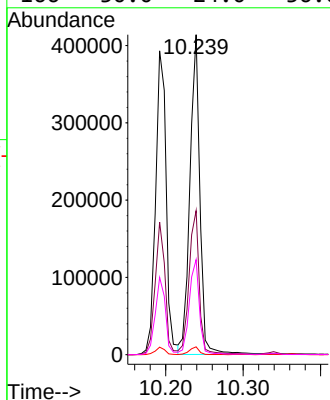
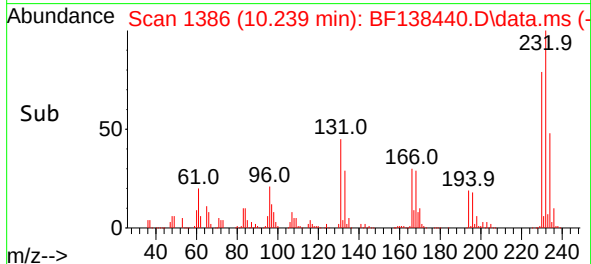
Instrument :
BNA_F
ClientSampleId :
PB161852BS



Tgt Ion:232 Resp: 37010
Ion Ratio Lower Upper
232 100
131 45.7 36.6 55.0
130 2.4 1.8 2.8
166 30.0 24.0 36.0

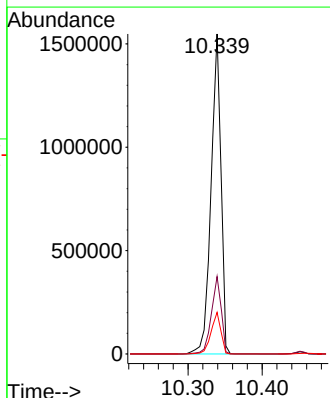
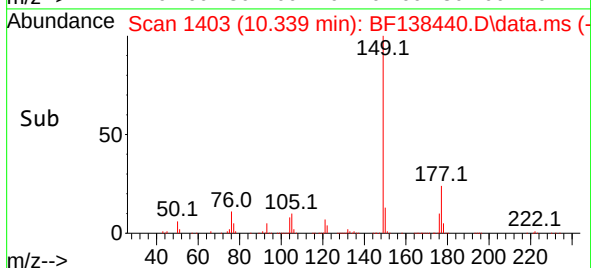
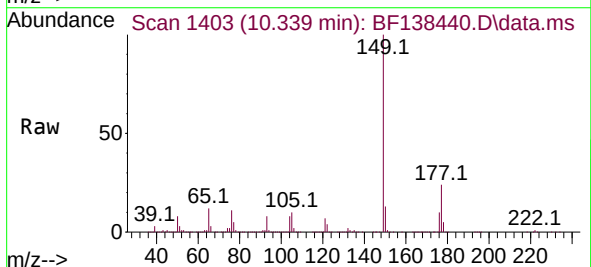
Manual Integrations
APPROVED

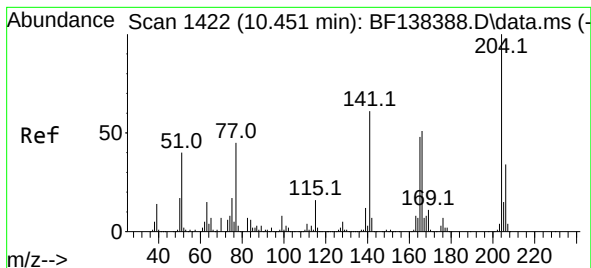
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#60
Diethylphthalate
Concen: 42.558 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

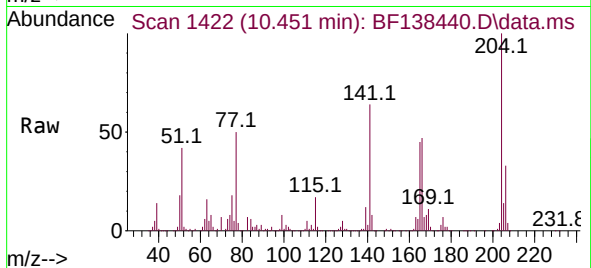
Tgt Ion:149 Resp: 1438444
Ion Ratio Lower Upper
149 100
177 24.2 18.4 27.6
150 13.0 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 37.374 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

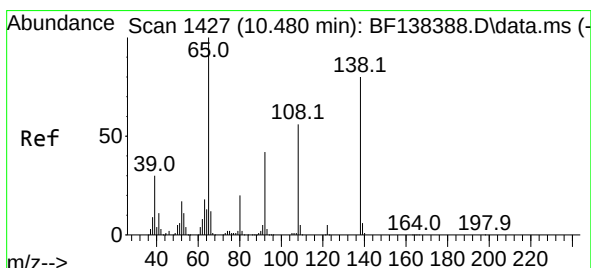
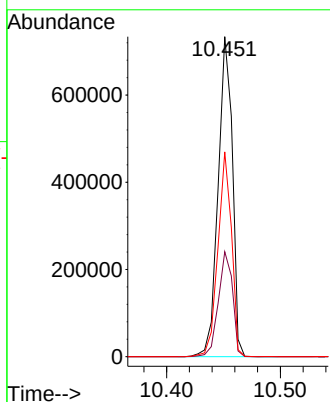
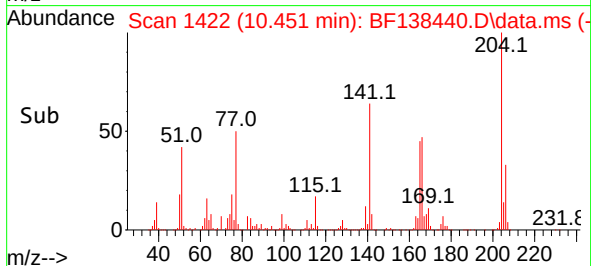
Instrument :
BNA_F
ClientSampleId :
PB161852BS



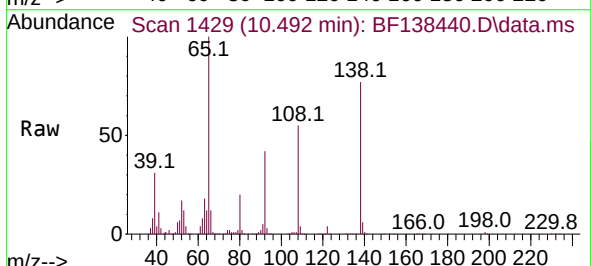
Tgt Ion:204 Resp: 64021
Ion Ratio Lower Upper
204 100
206 32.8 27.1 40.7
141 64.0 48.4 72.6

Manual Integrations
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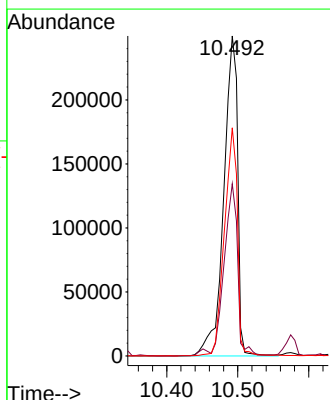
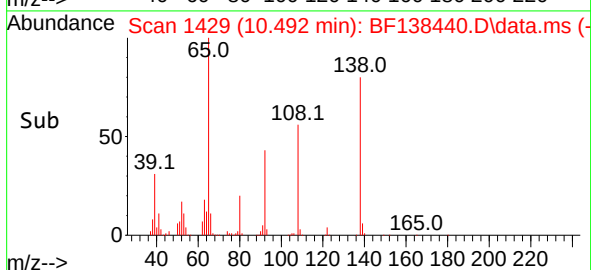
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

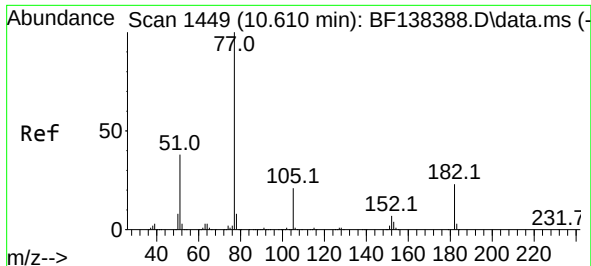


#62
4-Nitroaniline
Concen: 46.088 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57



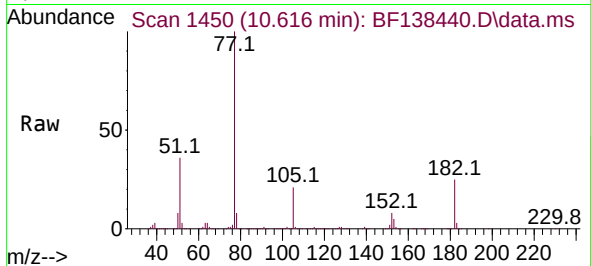
Tgt Ion:138 Resp: 338278
Ion Ratio Lower Upper
138 100
92 53.8 32.6 72.6
108 71.3 50.3 90.3





#63
Azobenzene
Concen: 44.481 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

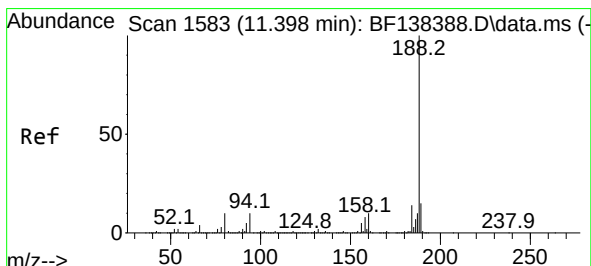
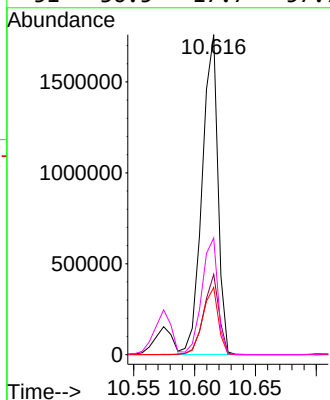
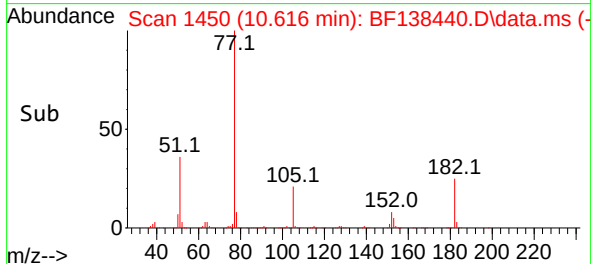
Instrument :
BNA_F
ClientSampleId :
PB161852BS



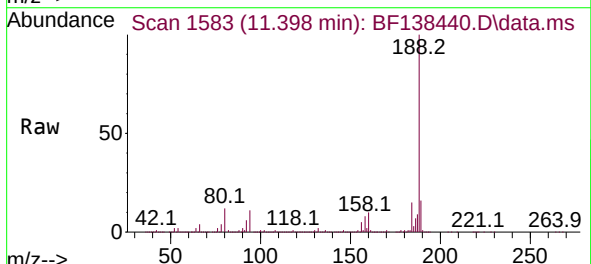
Tgt Ion: 77 Resp: 158779
Ion Ratio Lower Upper
77 100
182 25.1 2.7 42.7
105 21.0 0.6 40.6
51 36.5 17.7 57.7

Manual Integrations
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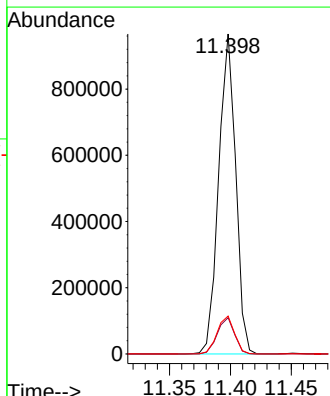
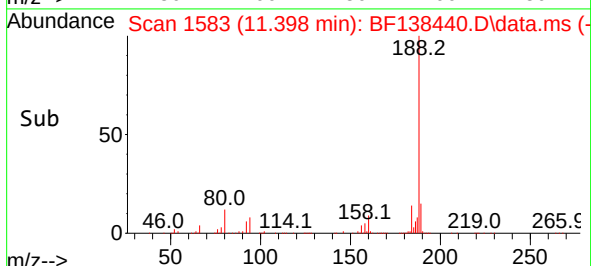
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

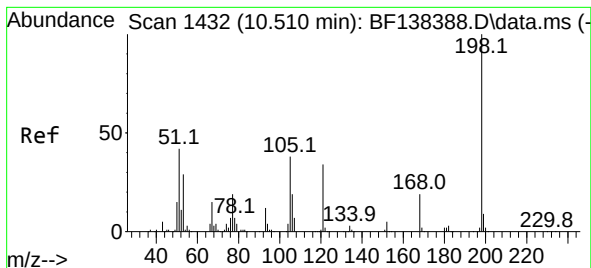


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57



Tgt Ion:188 Resp: 940383
Ion Ratio Lower Upper
188 100
94 11.4 8.0 12.0
80 11.8 8.2 12.4





#65
4,6-Dinitro-2-methylphenol
Concen: 49.370 ng
RT: 10.516 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

Instrument :

BNA_F

ClientSampleId :

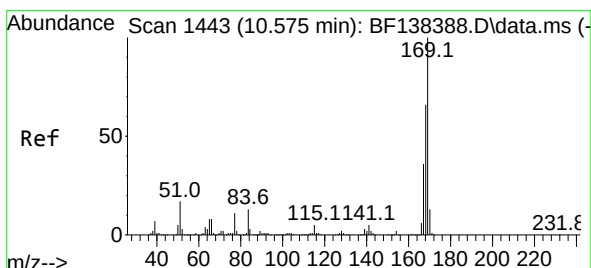
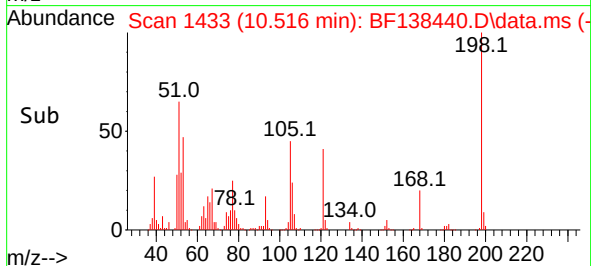
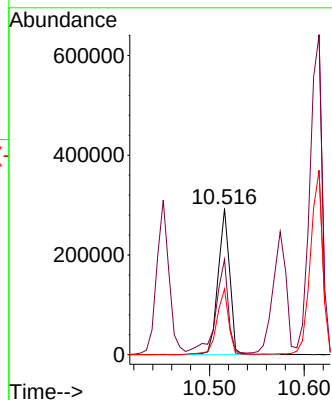
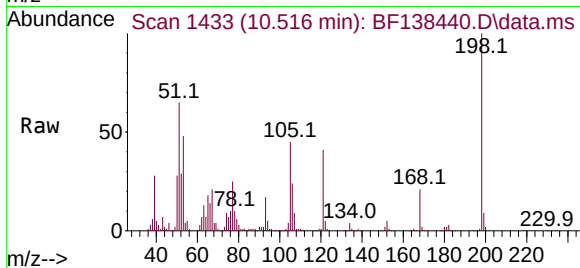
PB161852BS

Tgt Ion:198 Resp: 24953
Ion Ratio Lower Upper
198 100
51 65.3 27.9 67.9
105 45.0 18.2 58.2

Manual Integrations

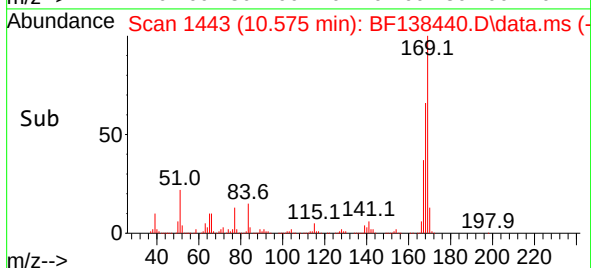
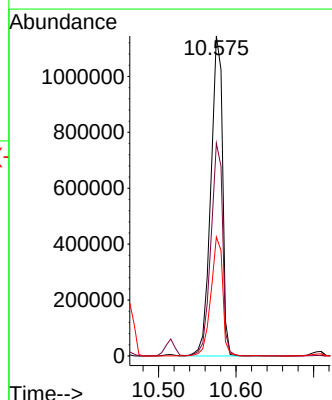
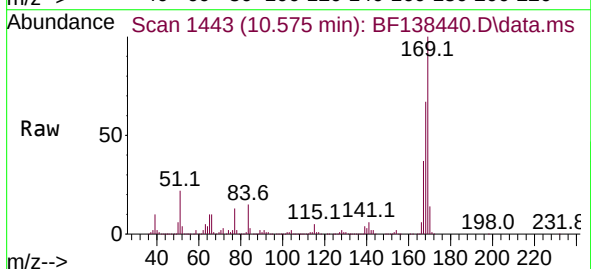
APPROVED

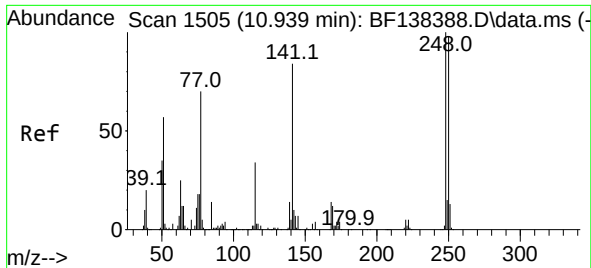
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#66
n-Nitrosodiphenylamine
Concen: 41.044 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

Tgt Ion:169 Resp: 1198249
Ion Ratio Lower Upper
169 100
168 66.5 52.5 78.7
167 37.2 28.8 43.2





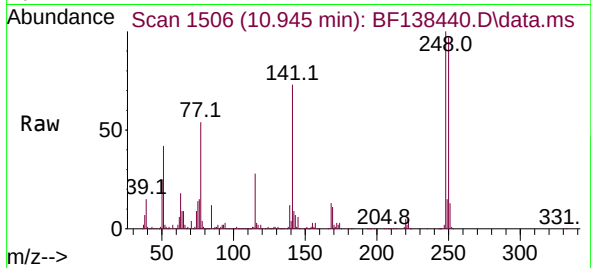
#67
4-Bromophenyl-phenylether
Concen: 39.775 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.006 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

Instrument :

BNA_F

ClientSampleId :

PB161852BS



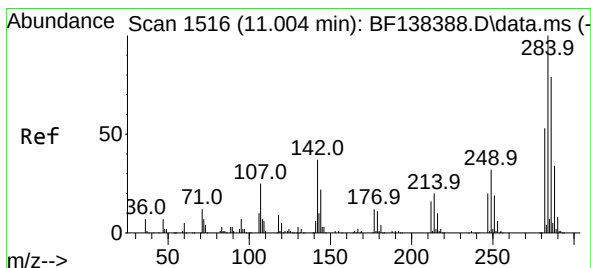
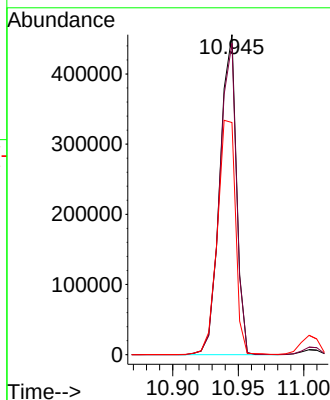
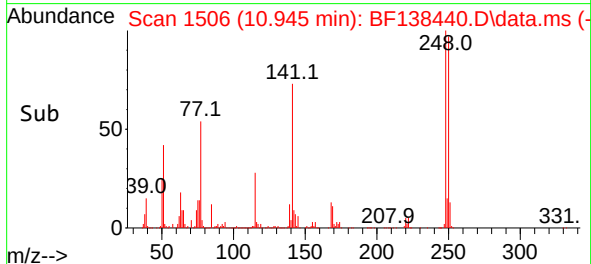
Tgt Ion:248 Resp: 402031
Ion Ratio Lower Upper
248 100
250 97.3 78.2 117.4
141 72.6 67.6 101.4

Manual Integrations

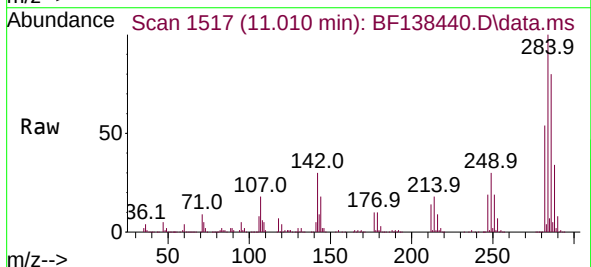
APPROVED

Reviewed By :Yogesh Patel 07/05/2024

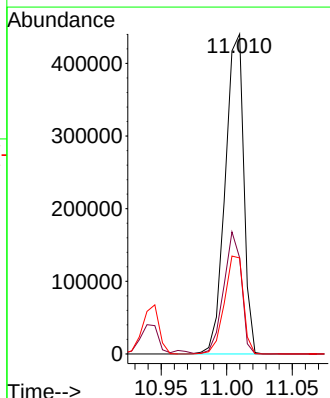
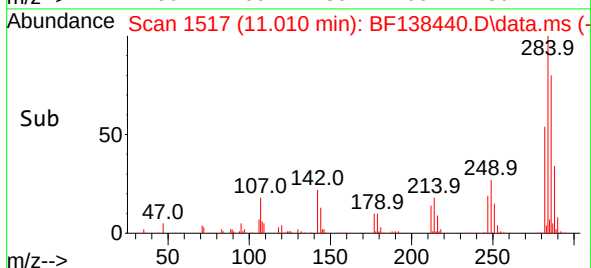
Supervised By :mohammad ahmed 07/05/2024

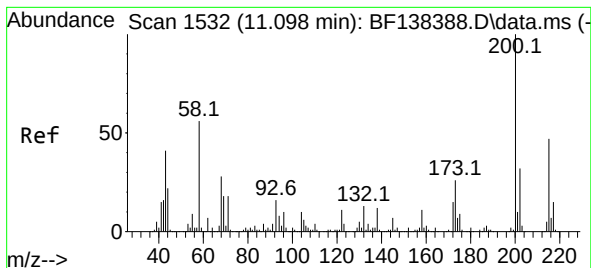


#68
Hexachlorobenzene
Concen: 38.798 ng
RT: 11.010 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57



Tgt Ion:284 Resp: 432245
Ion Ratio Lower Upper
284 100
142 30.1 29.2 43.8
249 30.0 25.8 38.6





#69

Atrazine

Concen: 43.568 ng

RT: 11.104 min Scan# 1533

Delta R.T. 0.006 min

Lab File: BF138440.D

Acq: 03 Jul 2024 11:57

Instrument :

BNA_F

ClientSampleId :

PB161852BS

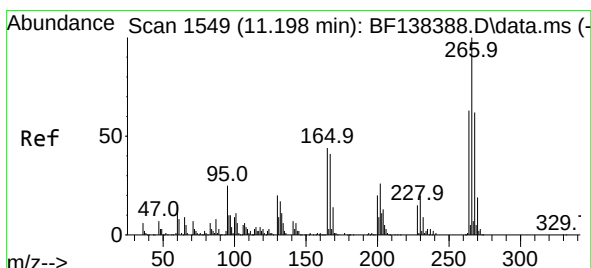
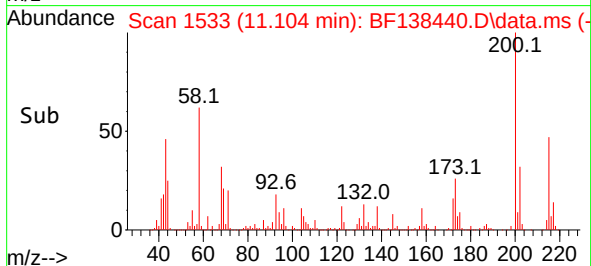
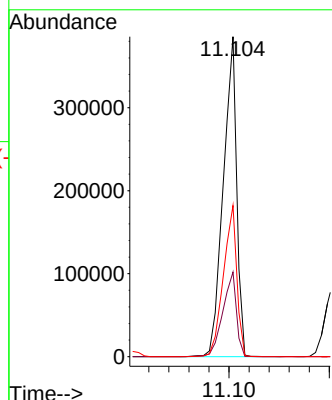
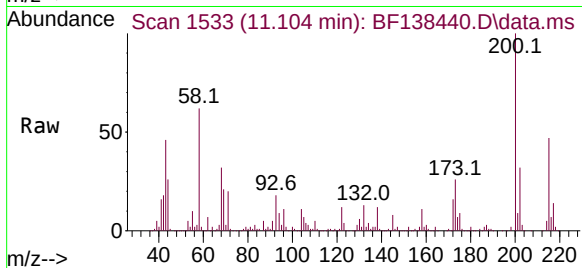
Tgt Ion:200 Resp: 356629
 Ion Ratio Lower Upper
 200 100
 173 26.5 6.2 46.2
 215 47.2 27.4 67.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#70

Pentachlorophenol

Concen: 89.519 ng

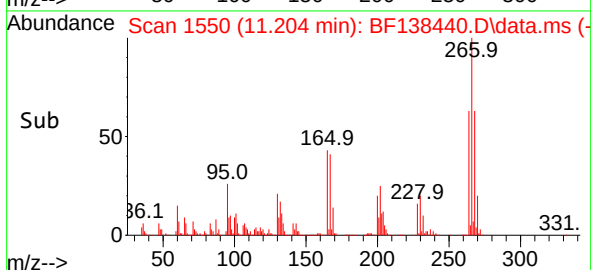
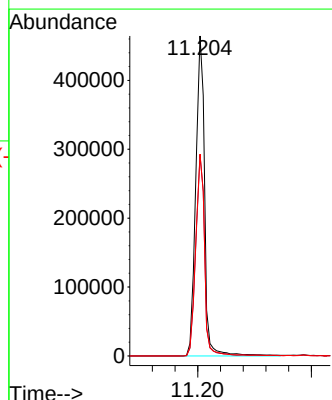
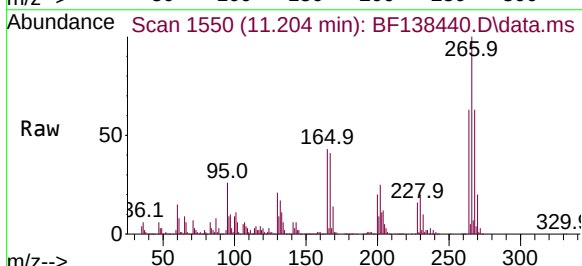
RT: 11.204 min Scan# 1550

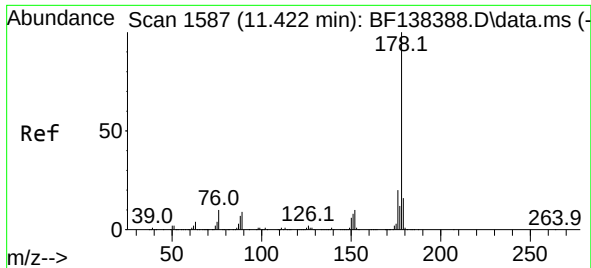
Delta R.T. 0.006 min

Lab File: BF138440.D

Acq: 03 Jul 2024 11:57

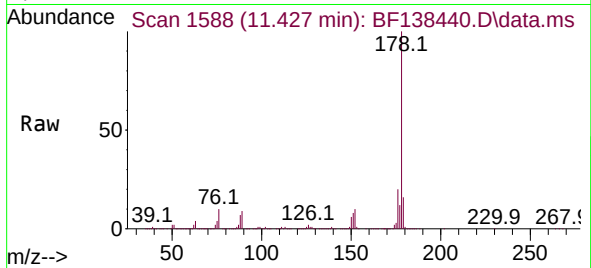
Tgt Ion:266 Resp: 506190
 Ion Ratio Lower Upper
 266 100
 268 62.8 49.9 74.9
 264 63.1 50.0 75.0





#71
Phenanthrene
Concen: 41.260 ng
RT: 11.427 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

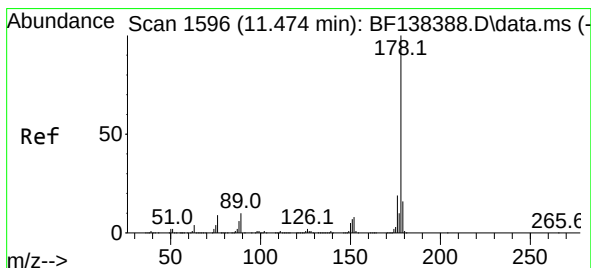
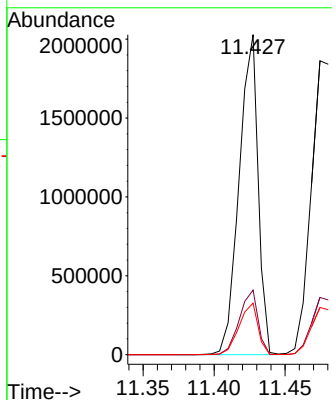
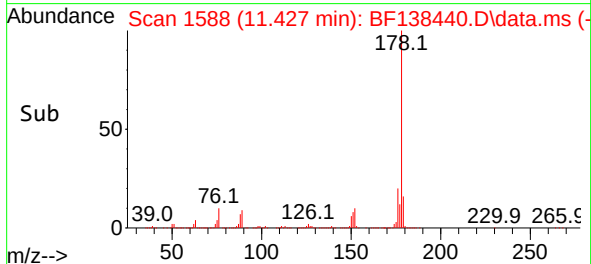
Instrument :
BNA_F
ClientSampleId :
PB161852BS



Tgt Ion:178 Resp: 1894420
Ion Ratio Lower Upper
178 100
176 20.2 16.1 24.1
179 16.1 12.6 18.8

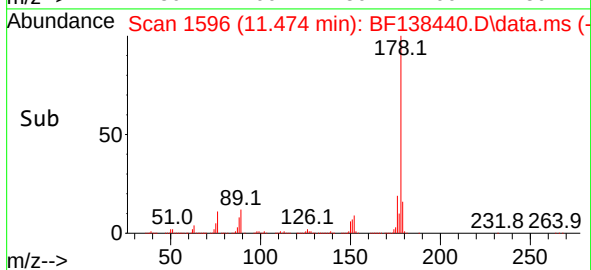
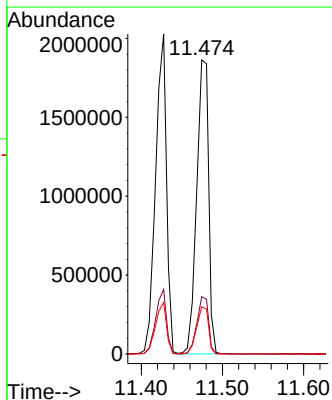
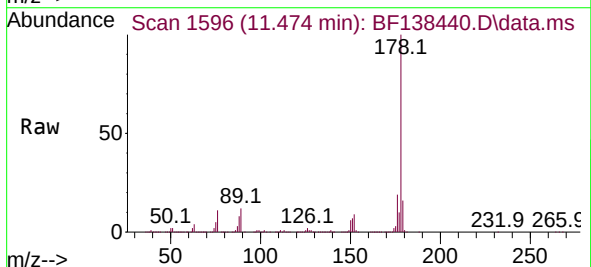
Manual Integrations
APPROVED

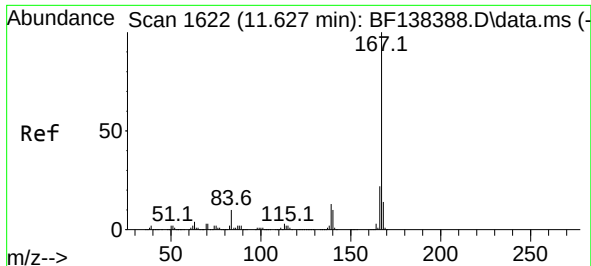
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#72
Anthracene
Concen: 41.902 ng
RT: 11.474 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

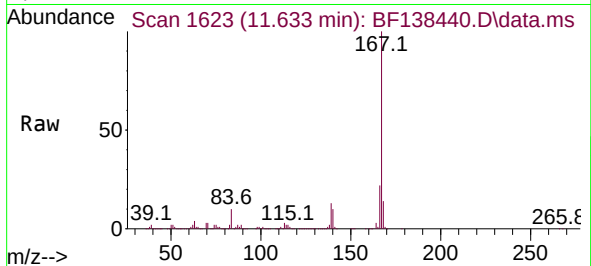
Tgt Ion:178 Resp: 1918613
Ion Ratio Lower Upper
178 100
176 19.5 15.0 22.6
179 16.1 12.7 19.1





#73
 Carbazole
 Concen: 42.288 ng
 RT: 11.633 min Scan# 1623
 Delta R.T. 0.006 min
 Lab File: BF138440.D
 Acq: 03 Jul 2024 11:57

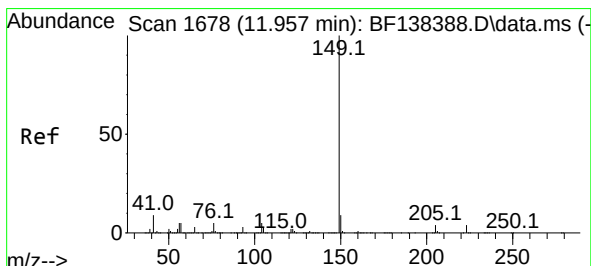
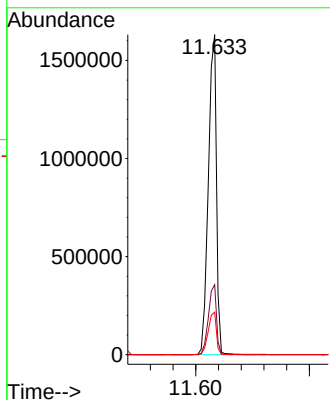
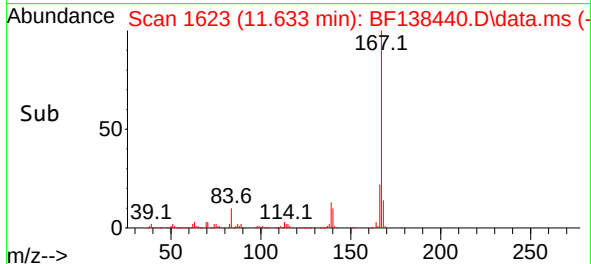
Instrument :
 BNA_F
 ClientSampleId :
 PB161852BS



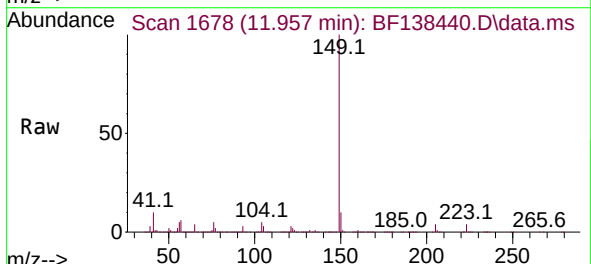
Tgt Ion:167 Resp: 1607509
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.7 26.5
 139 13.3 10.7 16.1

Manual Integrations
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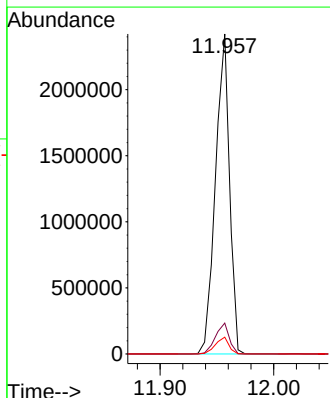
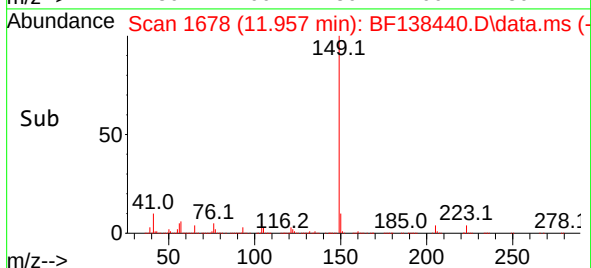
Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

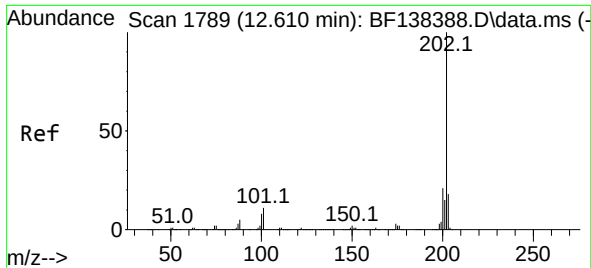


#74
 Di-n-butylphthalate
 Concen: 43.197 ng
 RT: 11.957 min Scan# 1678
 Delta R.T. 0.000 min
 Lab File: BF138440.D
 Acq: 03 Jul 2024 11:57



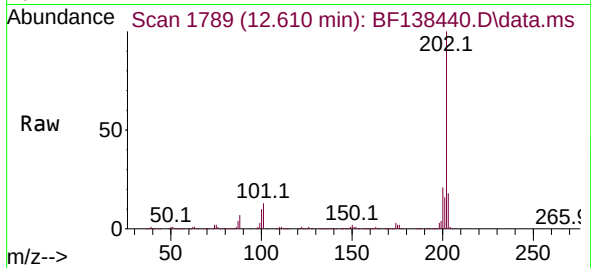
Tgt Ion:149 Resp: 2081031
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.2
 104 5.2 3.8 5.8





#75
Fluoranthene
Concen: 41.233 ng
RT: 12.610 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

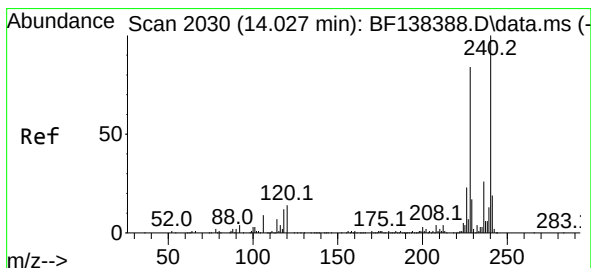
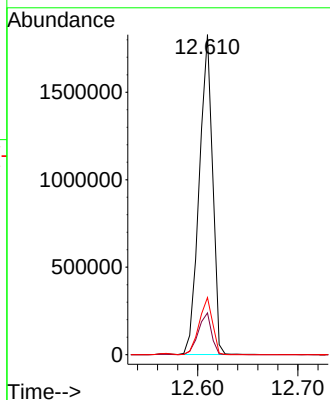
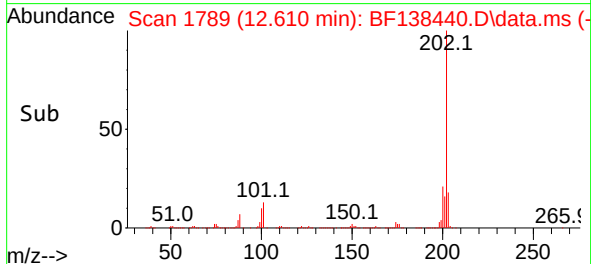
Instrument :
BNA_F
ClientSampleId :
PB161852BS



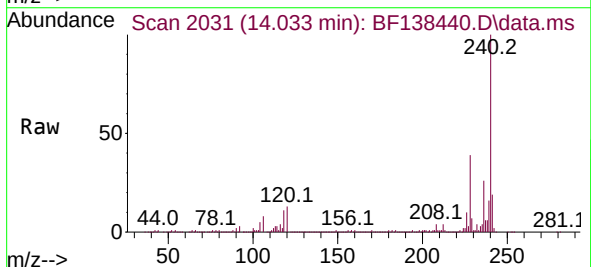
Tgt Ion:202 Resp: 169725
Ion Ratio Lower Upper
202 100
101 13.0 0.0 30.5
203 17.8 0.0 37.6

Manual Integrations
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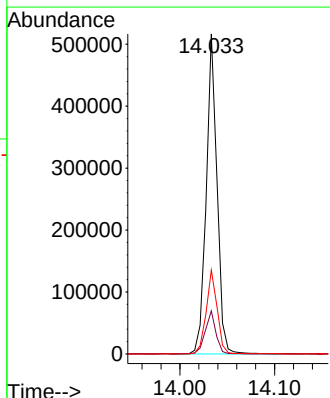
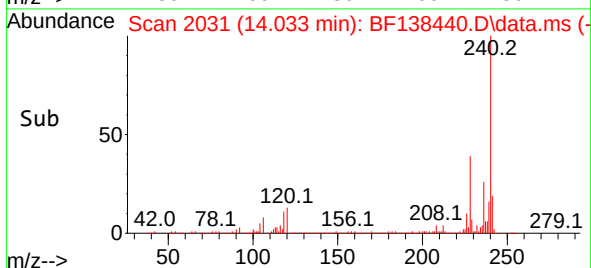
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

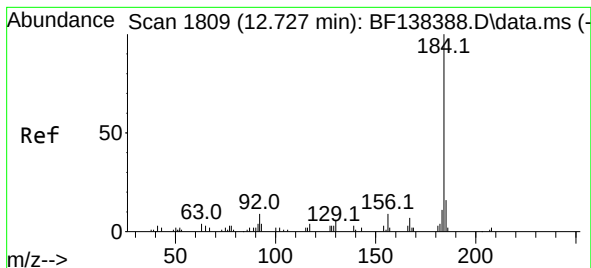


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57



Tgt Ion:240 Resp: 407442
Ion Ratio Lower Upper
240 100
120 13.4 10.9 16.3
236 26.2 20.6 30.8





#77

Benzidine

Concen: 12.903 ng

RT: 12.727 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF138440.D

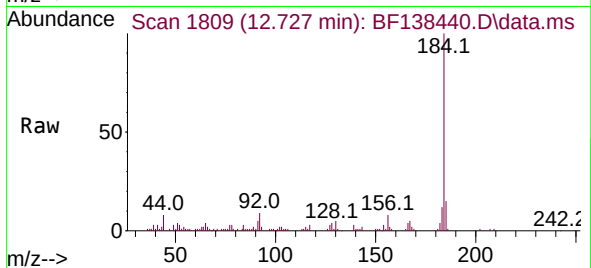
Acq: 03 Jul 2024 11:57

Instrument :

BNA_F

ClientSampleId :

PB161852BS



Tgt Ion:184 Resp: 42039

Ion Ratio Lower Upper

184 100

185 15.2 13.0 19.4

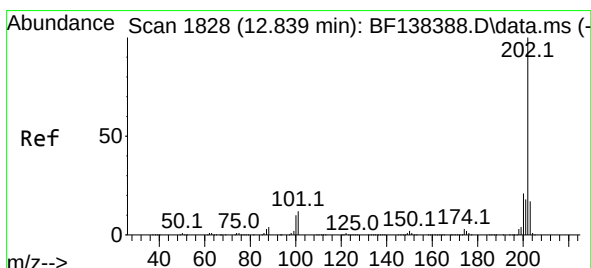
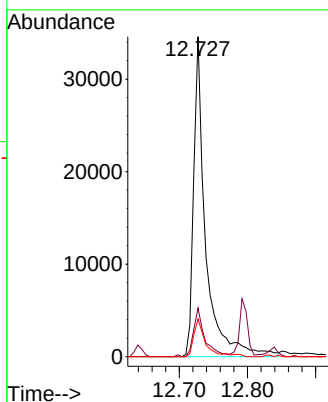
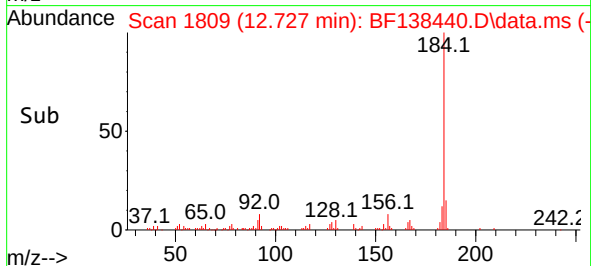
183 11.7 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#78

Pyrene

Concen: 38.243 ng

RT: 12.839 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BF138440.D

Acq: 03 Jul 2024 11:57

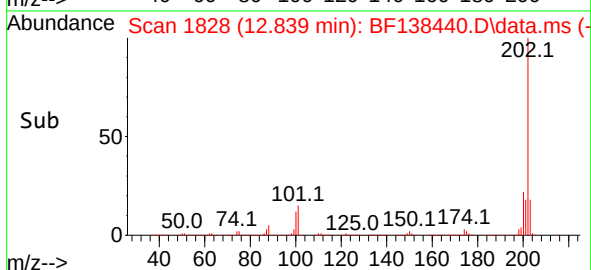
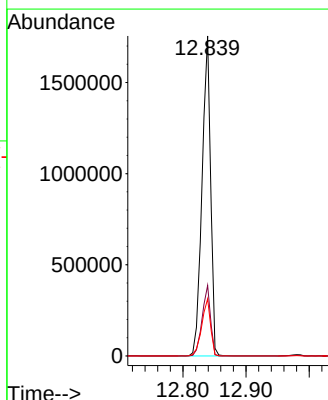
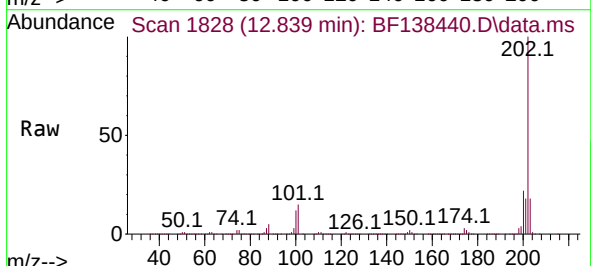
Tgt Ion:202 Resp: 1665390

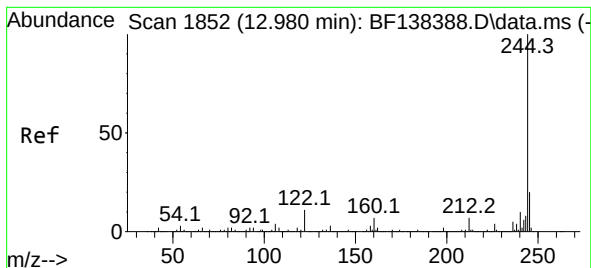
Ion Ratio Lower Upper

202 100

200 22.1 16.9 25.3

203 17.9 13.8 20.8





#79

Terphenyl-d14

Concen: 72.663 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF138440.D

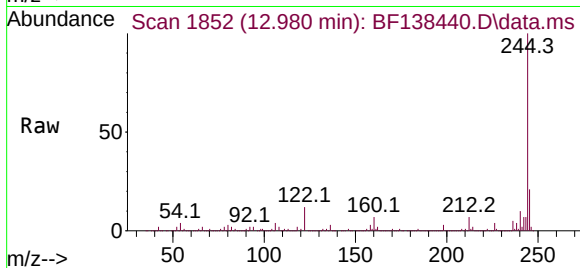
Acq: 03 Jul 2024 11:57

Instrument :

BNA_F

ClientSampleId :

PB161852BS



Tgt Ion:244 Resp: 216034

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

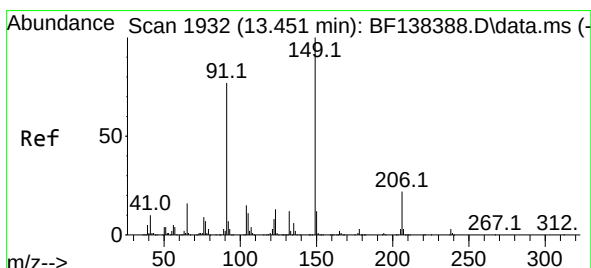
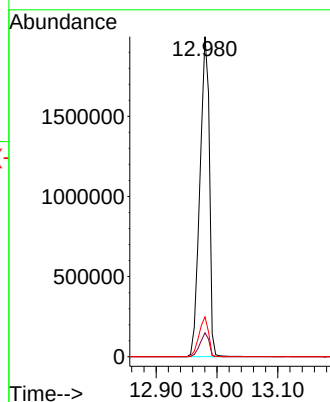
122 12.4 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#80

Butylbenzylphthalate

Concen: 45.819 ng

RT: 13.451 min Scan# 1932

Delta R.T. 0.000 min

Lab File: BF138440.D

Acq: 03 Jul 2024 11:57

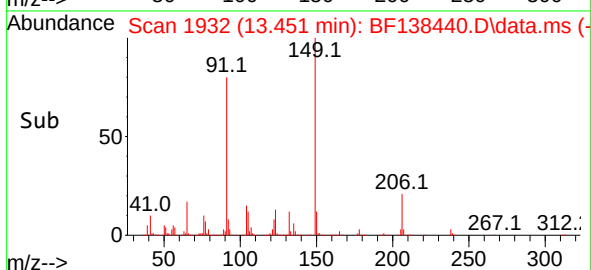
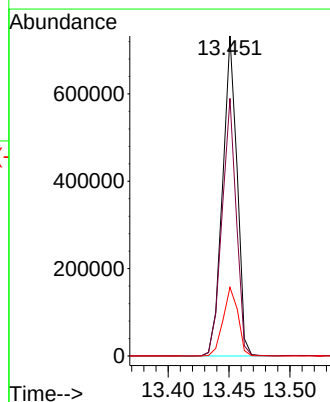
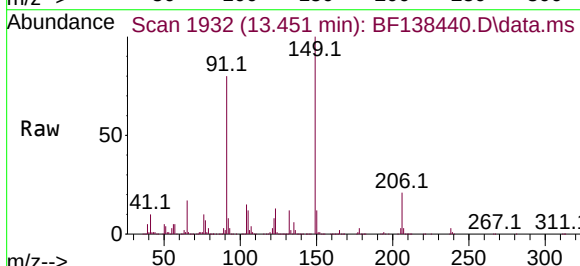
Tgt Ion:149 Resp: 607149

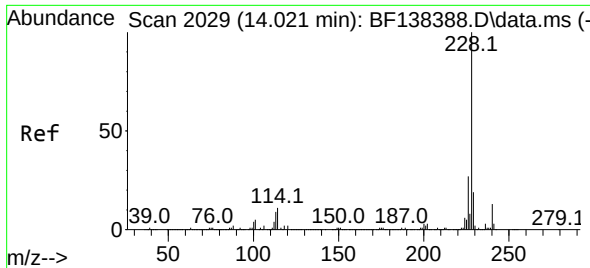
Ion Ratio Lower Upper

149 100

91 80.5 62.0 93.0

206 21.5 17.6 26.4





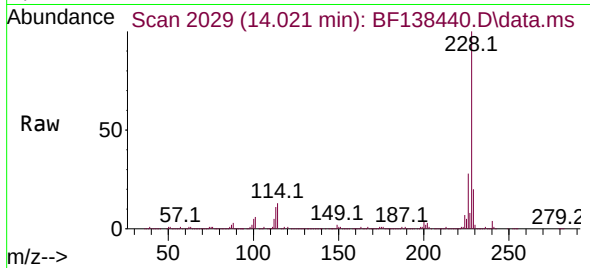
#81
Benzo(a)anthracene
Concen: 43.975 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

Instrument :

BNA_F

ClientSampleId :

PB161852BS



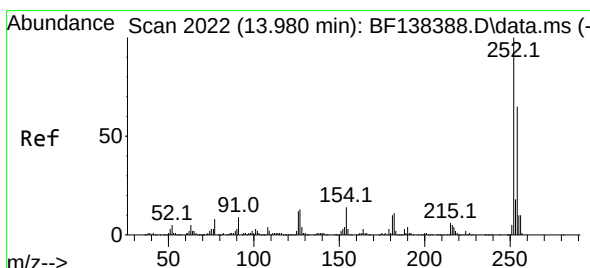
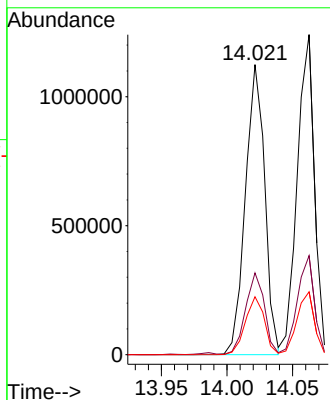
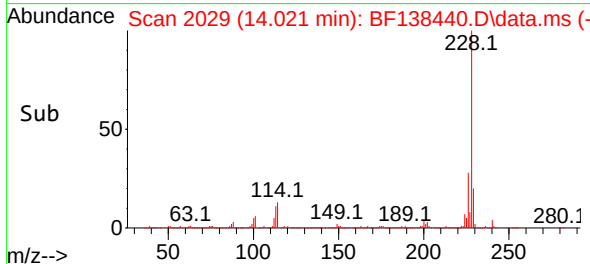
Tgt Ion:228 Resp: 115325
Ion Ratio Lower Upper
228 100
226 28.2 21.7 32.5
229 20.0 15.5 23.3

Manual Integrations

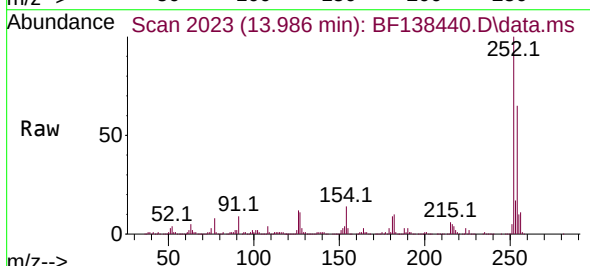
APPROVED

Reviewed By :Yogesh Patel 07/05/2024

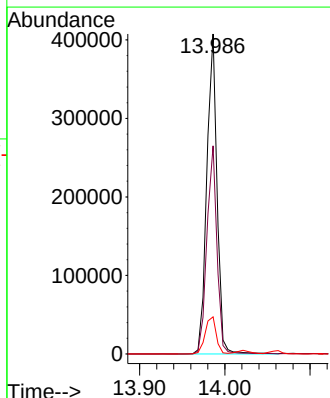
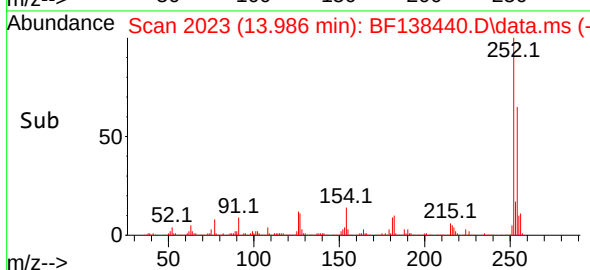
Supervised By :mohammad ahmed 07/05/2024

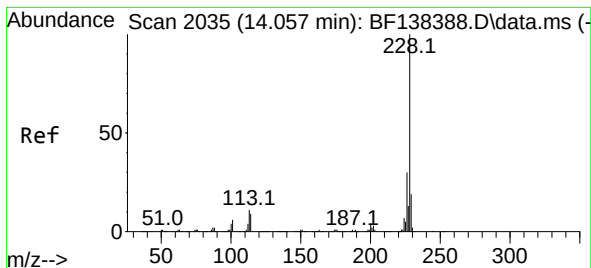


#82
3,3'-Dichlorobenzidine
Concen: 43.873 ng
RT: 13.986 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57



Tgt Ion:252 Resp: 339694
Ion Ratio Lower Upper
252 100
254 65.0 51.8 77.6
126 11.6 9.5 14.3





#83

Chrysene

Concen: 44.891 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF138440.D

Acq: 03 Jul 2024 11:57

Instrument :

BNA_F

ClientSampleId :

PB161852BS

Tgt Ion:228 Resp: 1145554

Ion Ratio Lower Upper

228 100

226 31.0 23.8 35.6

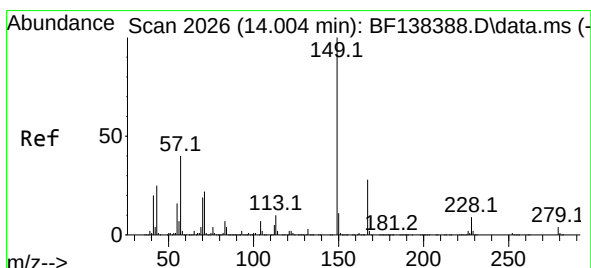
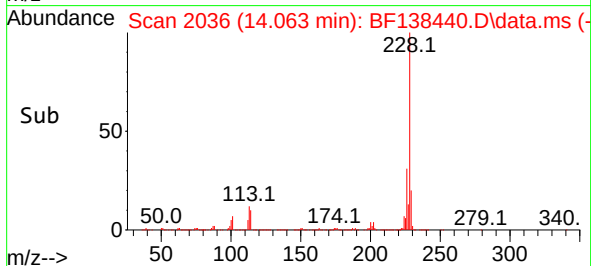
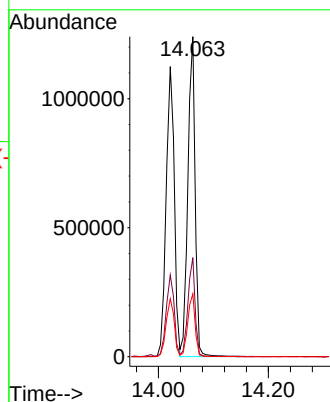
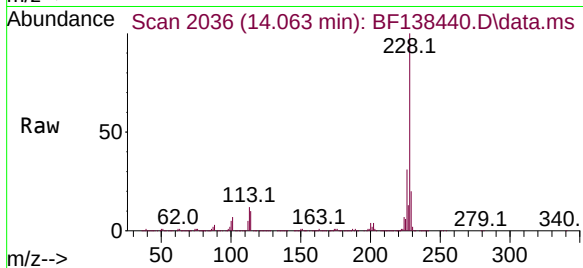
229 19.7 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.424 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF138440.D

Acq: 03 Jul 2024 11:57

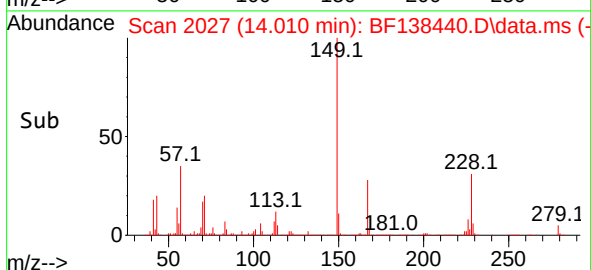
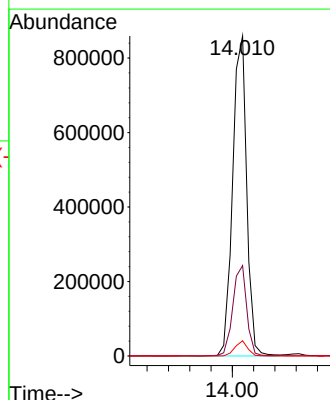
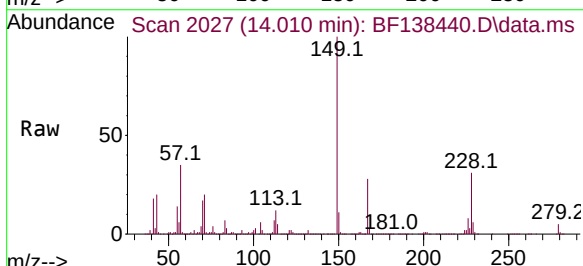
Tgt Ion:149 Resp: 788094

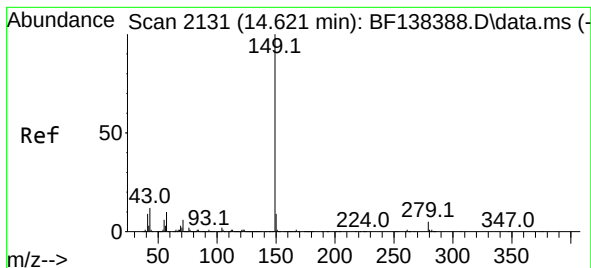
Ion Ratio Lower Upper

149 100

167 28.3 22.6 33.8

279 4.8 3.2 4.8





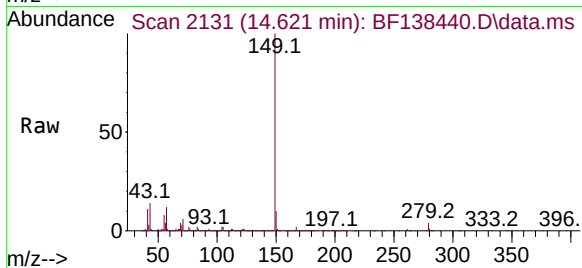
#85
Di-n-octyl phthalate
Concen: 51.404 ng
RT: 14.621 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

Instrument :

BNA_F

ClientSampleId :

PB161852BS



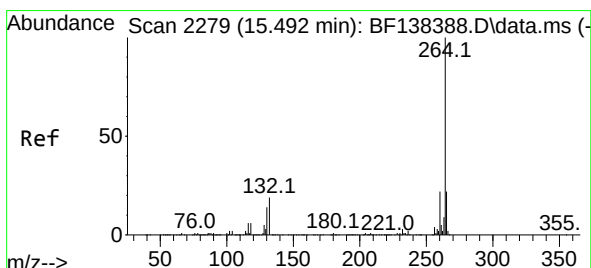
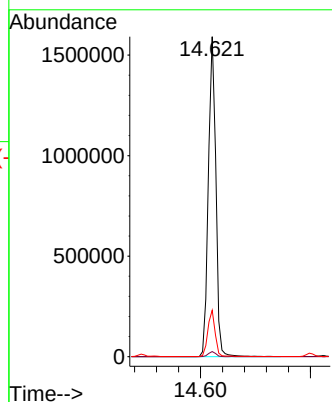
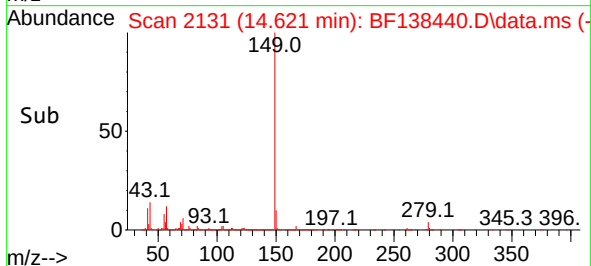
Tgt Ion:149 Resp: 1495214
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 14.1 10.9 16.3

Manual Integrations

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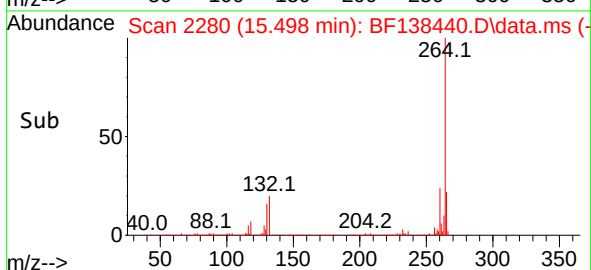
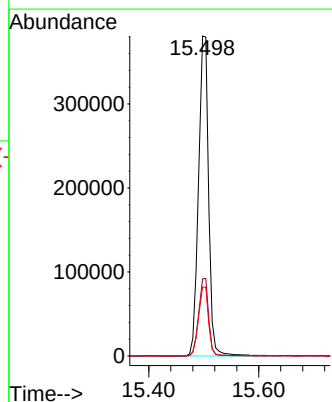
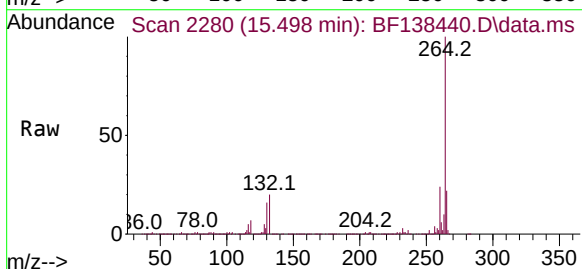
Reviewed By :Yogesh Patel 07/05/2024

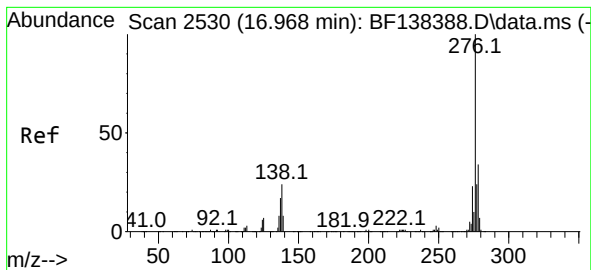
Supervised By :mohammad ahmed 07/05/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

Tgt Ion:264 Resp: 487735
Ion Ratio Lower Upper
264 100
260 24.1 17.8 26.6
265 21.6 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.104 ng

RT: 16.980 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF138440.D

Acq: 03 Jul 2024 11:57

Instrument :

BNA_F

ClientSampleId :

PB161852BS

Tgt Ion:276 Resp: 122786

Ion Ratio Lower Upper

276 100

138 28.6 22.1 33.1

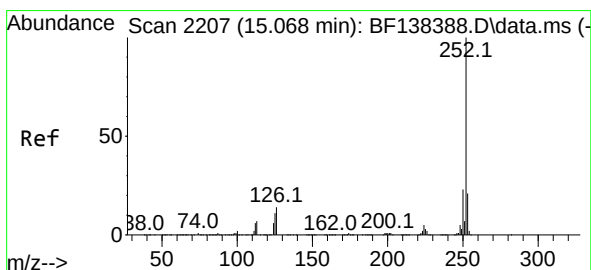
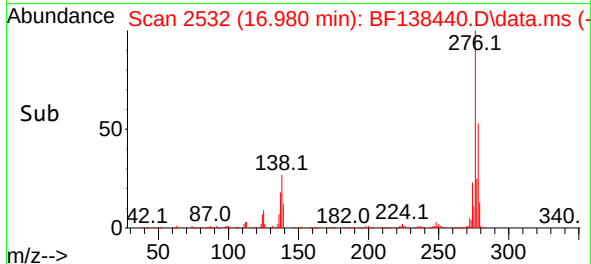
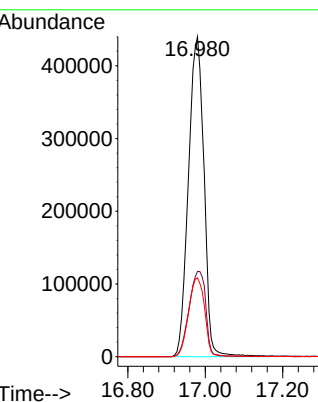
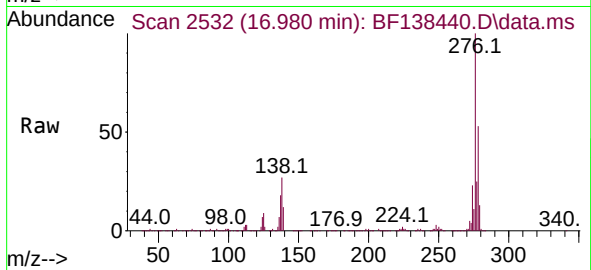
277 25.3 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#88

Benzo(b)fluoranthene

Concen: 45.235 ng

RT: 15.074 min Scan# 2208

Delta R.T. 0.006 min

Lab File: BF138440.D

Acq: 03 Jul 2024 11:57

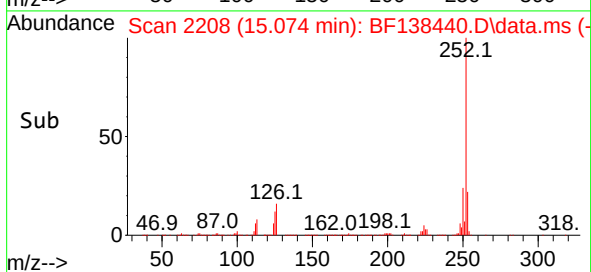
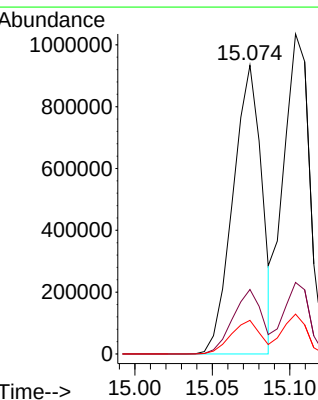
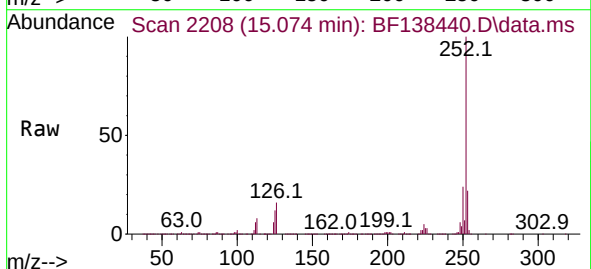
Tgt Ion:252 Resp: 1210505

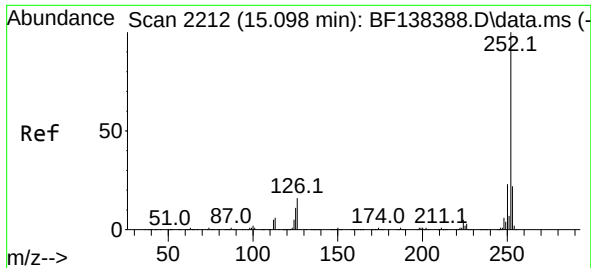
Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.4

125 11.7 8.6 12.8





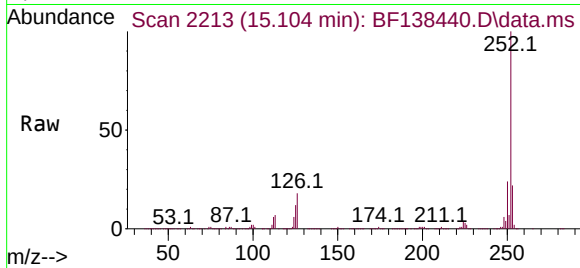
#89
Benzo(k)fluoranthene
Concen: 49.736 ng
RT: 15.104 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

Instrument :

BNA_F

ClientSampleId :

PB161852BS



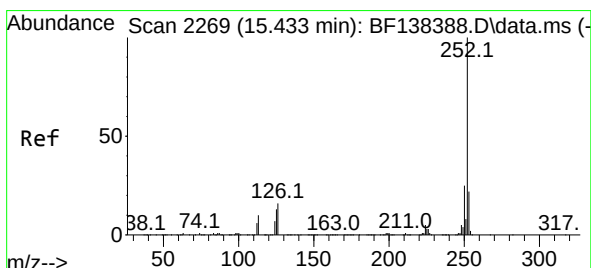
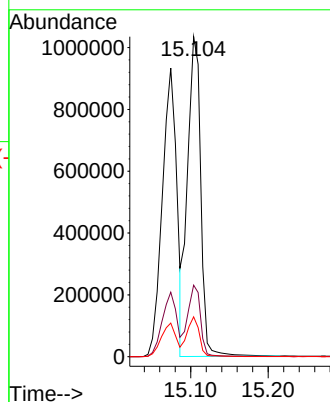
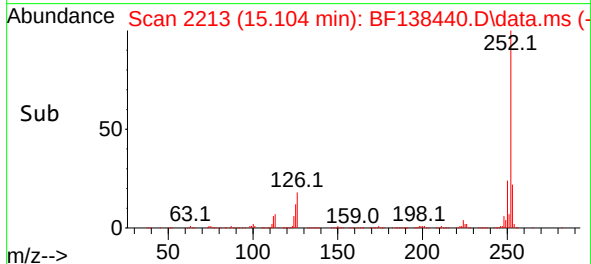
Tgt Ion:252 Resp: 1225909
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 12.5 8.7 13.1

Manual Integrations

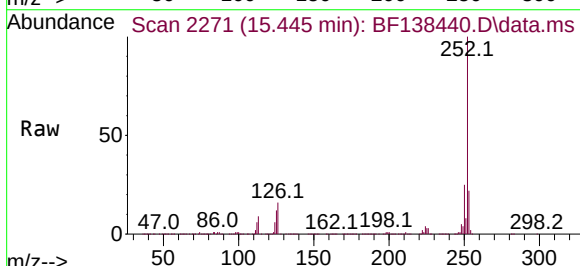
APPROVED

Reviewed By :Yogesh Patel 07/05/2024

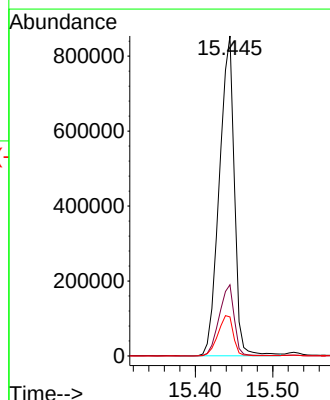
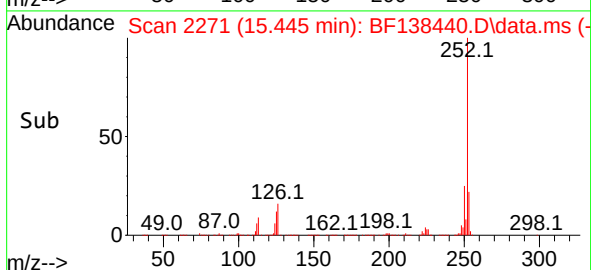
Supervised By :mohammad ahmed 07/05/2024

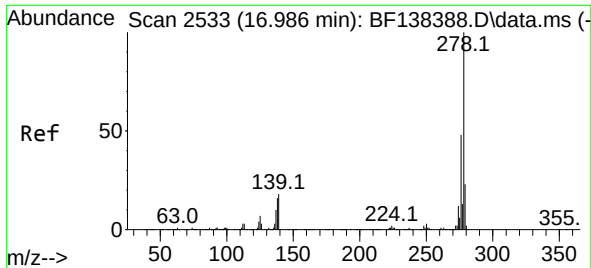


#90
Benzo(a)pyrene
Concen: 49.181 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.012 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57



Tgt Ion:252 Resp: 1153560
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 12.2 10.2 15.2





#91
Dibenzo(a,h)anthracene
Concen: 50.091 ng
RT: 16.998 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

Instrument :

BNA_F

ClientSampleId :

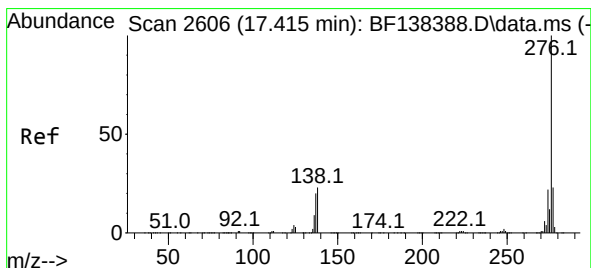
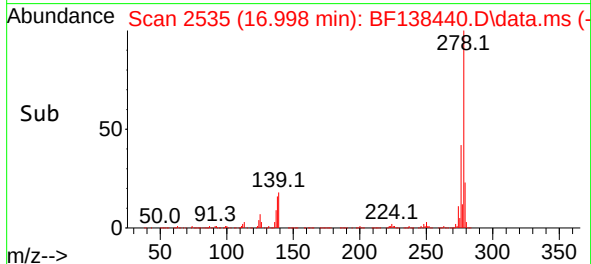
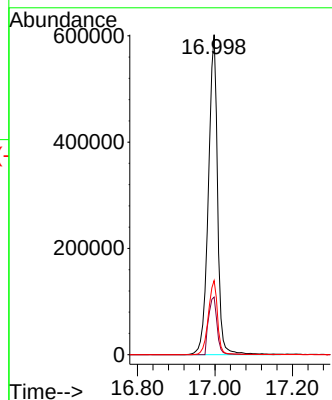
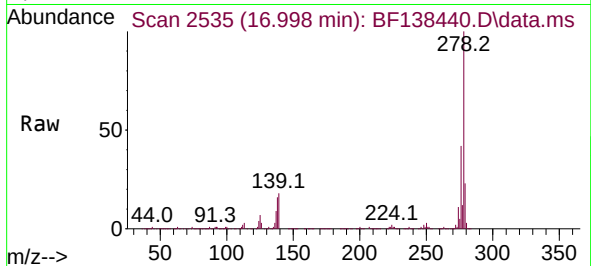
PB161852BS

Tgt Ion:278 Resp: 990875
Ion Ratio Lower Upper
278 100
139 18.0 14.3 21.5
279 23.1 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#92
Benzo(g,h,i)perylene
Concen: 48.048 ng
RT: 17.427 min Scan# 2608
Delta R.T. 0.012 min
Lab File: BF138440.D
Acq: 03 Jul 2024 11:57

Tgt Ion:276 Resp: 929804
Ion Ratio Lower Upper
276 100
277 23.1 18.3 27.5
138 24.6 18.3 27.5

