

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062624\
 Data File : BF138357.D
 Acq On : 26 Jun 2024 17:58
 Operator : CG\JU
 Sample : P2915-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-NORTH-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 27 01:54:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	213920	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	834367	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	453527	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	763863	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	404189	20.000	ng	-0.01
86) Perylene-d12	15.510	264	469969	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1258943	98.448	ng	0.00
7) Phenol-d6	6.516	99	1574986	97.128	ng	0.00
23) Nitrobenzene-d5	7.445	82	989533	69.043	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	492305	109.039	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1885518	66.110	ng	-0.01
79) Terphenyl-d14	12.986	244	1725943	67.632	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	224167	38.305	ng	96
3) Pyridine	3.487	79	580449	41.732	ng	96
4) n-Nitrosodimethylamine	3.446	42	278943	43.334	ng	90
6) Aniline	6.545	93	561008	35.358	ng	96
8) 2-Chlorophenol	6.669	128	671474	48.568	ng	99
9) Benzaldehyde	6.428	77	128414	14.910	ng	99
10) Phenol	6.528	94	793827	48.239	ng	96
11) bis(2-Chloroethyl)ether	6.616	93	604179	45.874	ng	99
12) 1,3-Dichlorobenzene	6.822	146	691120	43.986	ng	100
13) 1,4-Dichlorobenzene	6.898	146	696345	44.039	ng	99
14) 1,2-Dichlorobenzene	7.051	146	671729	45.254	ng	99
15) Benzyl Alcohol	7.022	79	536829	49.099	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	757218	40.737	ng	96
17) 2-Methylphenol	7.134	107	518833	47.565	ng	99
18) Hexachloroethane	7.392	117	245407	45.812	ng	95
19) n-Nitroso-di-n-propyla...	7.298	70	417342	43.419	ng	97
20) 3+4-Methylphenols	7.287	107	605375	44.093	ng	97
22) Acetophenone	7.292	105	766580	40.219	ng	# 93
24) Nitrobenzene	7.463	77	645483	43.576	ng	95
25) Isophorone	7.704	82	1179924	45.515	ng	100
26) 2-Nitrophenol	7.781	139	365789	61.411	ng	99
27) 2,4-Dimethylphenol	7.816	122	449436	49.596	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	738540	45.510	ng	100
29) 2,4-Dichlorophenol	8.022	162	552519	47.357	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	606591	44.086	ng	98
31) Naphthalene	8.187	128	1806584	43.788	ng	99
32) Benzoic acid	7.945	122	386624	48.407	ng	98
33) 4-Chloroaniline	8.228	127	261002	16.926	ng	99
34) Hexachlorobutadiene	8.298	225	354278	44.026	ng	98
35) Caprolactam	8.610	113	171632m	48.728	ng	
36) 4-Chloro-3-methylphenol	8.716	107	567749	48.875	ng	97
37) 2-Methylnaphthalene	8.875	142	1206522	44.559	ng	98
38) 1-Methylnaphthalene	8.975	142	1123373	42.337	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	557234	42.046	ng	99
41) Hexachlorocyclopentadiene	9.028	237	492924	114.067	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	415335	50.051	ng	98

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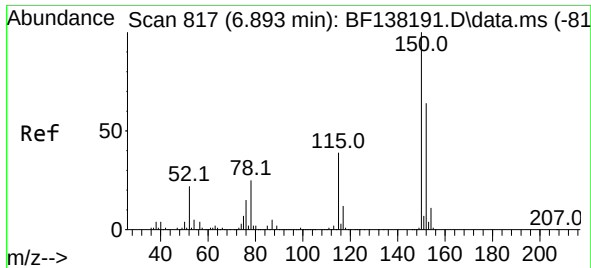
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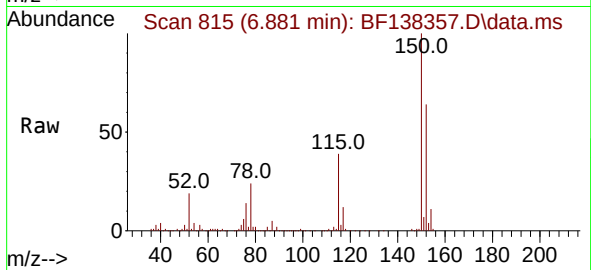
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	439749	48.255	ng	98
46) 1,1'-Biphenyl	9.339	154	1399208	42.045	ng	97
47) 2-Chloronaphthalene	9.363	162	1170668	44.511	ng	98
48) 2-Nitroaniline	9.463	65	331133	52.279	ng	88
49) Acenaphthylene	9.781	152	1797137	48.729	ng	99
50) Dimethylphthalate	9.639	163	1397402	50.288	ng	100
51) 2,6-Dinitrotoluene	9.704	165	319724	53.037	ng	87
52) Acenaphthene	9.951	154	1220146m	48.518	ng	
53) 3-Nitroaniline	9.869	138	195341	30.332	ng	96
54) 2,4-Dinitrophenol	9.981	184	307336	94.015	ng	# 88
55) Dibenzofuran	10.128	168	1593293	45.321	ng	98
56) 4-Nitrophenol	10.033	139	470670	92.484	ng	95
57) 2,4-Dinitrotoluene	10.110	165	425662	57.248	ng	94
58) Fluorene	10.469	166	1209356	43.752	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	349782	49.113	ng	99
60) Diethylphthalate	10.339	149	1321200	50.096	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	629893	45.756	ng	99
62) 4-Nitroaniline	10.486	138	302019	46.938	ng	97
63) Azobenzene	10.616	77	1193106	45.156	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	221759	55.677	ng	93
66) n-Nitrosodiphenylamine	10.580	169	1111406	47.525	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	408066	47.409	ng	# 90
68) Hexachlorobenzene	11.010	284	462752	46.069	ng	99
69) Atrazine	11.104	200	345892	51.928	ng	99
70) Pentachlorophenol	11.204	266	488309	83.354	ng	97
71) Phenanthrene	11.427	178	1725867	45.687	ng	99
72) Anthracene	11.480	178	1753255	46.746	ng	99
73) Carbazole	11.633	167	1483445	43.123	ng	99
74) Di-n-butylphthalate	11.963	149	1913964	53.744	ng	99
75) Fluoranthene	12.616	202	1594696	41.398	ng	98
77) Benzidine	12.733	184	468212	100.149	ng	98
78) Pyrene	12.845	202	1595490	45.764	ng	98
80) Butylbenzylphthalate	13.457	149	623833	65.783	ng	97
81) Benzo(a)anthracene	14.027	228	1255430	48.415	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	313429	43.893	ng	98
83) Chrysene	14.068	228	1218284	49.290	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	808452	73.299	ng	99
85) Di-n-octyl phthalate	14.627	149	1352017	82.513	ng	97
87) Indeno(1,2,3-cd)pyrene	16.986	276	1414898	46.182	ng	100
88) Benzo(b)fluoranthene	15.080	252	1318911	47.589	ng	100
89) Benzo(k)fluoranthene	15.110	252	1278356	47.066	ng	99
90) Benzo(a)pyrene	15.451	252	1224658	51.436	ng	99
91) Dibenzo(a,h)anthracene	17.004	278	1159196	46.096	ng	99
92) Benzo(g,h,i)perylene	17.433	276	1042537	40.074	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

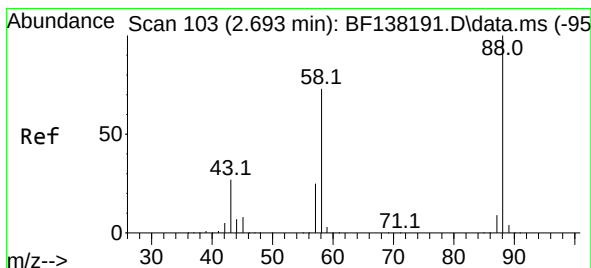
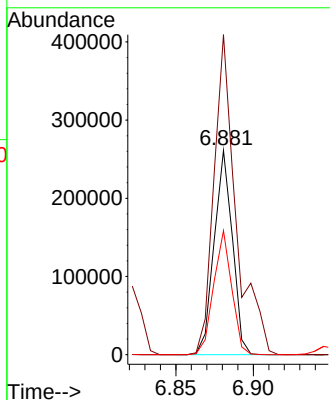
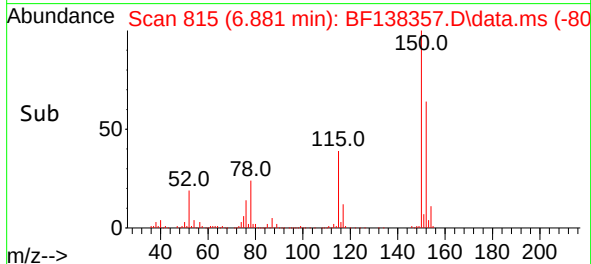
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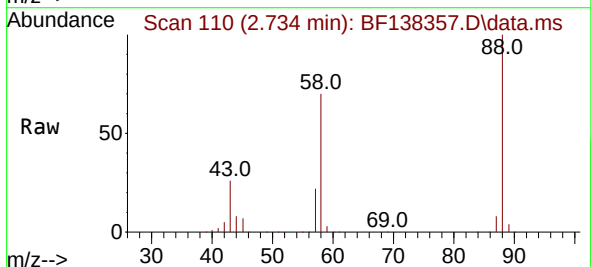
Tgt Ion:152 Resp: 213920
Ion Ratio Lower Upper
152 100
150 156.6 125.0 187.4
115 60.7 48.4 72.6

Manual Integrations
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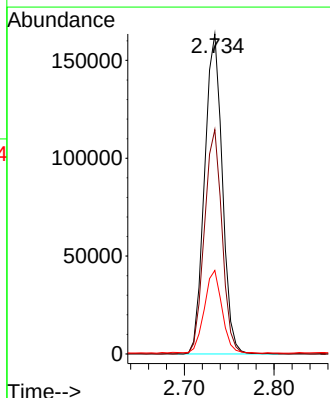
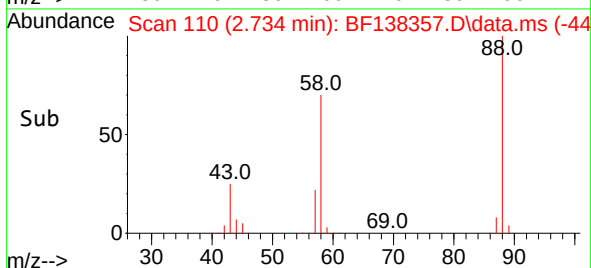
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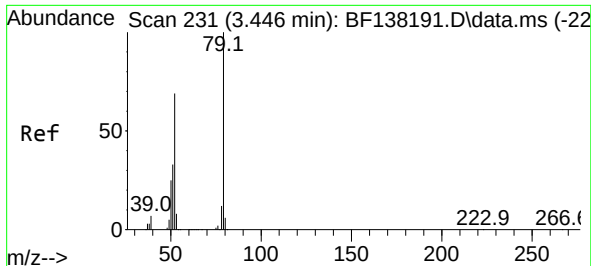


#2
1,4-Dioxane
Concen: 38.305 ng
RT: 2.734 min Scan# 110
Delta R.T. 0.041 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58



Tgt Ion: 88 Resp: 224167
Ion Ratio Lower Upper
88 100
58 70.0 58.6 87.8
43 26.0 22.4 33.6





#3
Pyridine
Concen: 41.732 ng
RT: 3.487 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

Instrument :

BNA_F

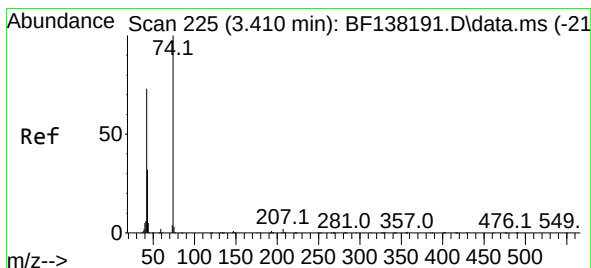
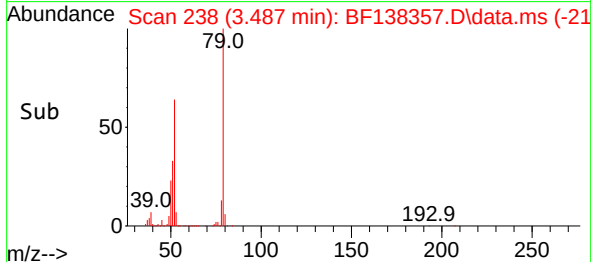
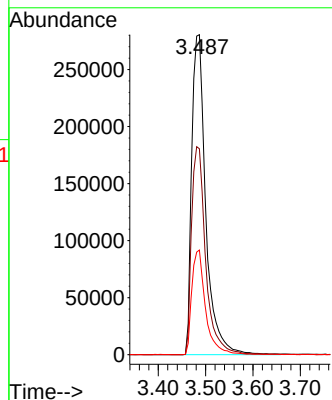
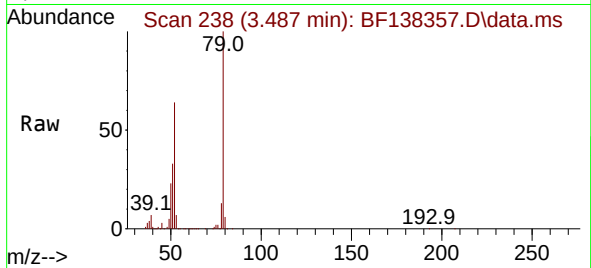
ClientSampleId :

WC-NORTH-1MSD

Tgt Ion: 79 Resp: 580449
Ion Ratio Lower Upper
79 100
52 64.3 55.0 82.4
51 32.7 26.9 40.3

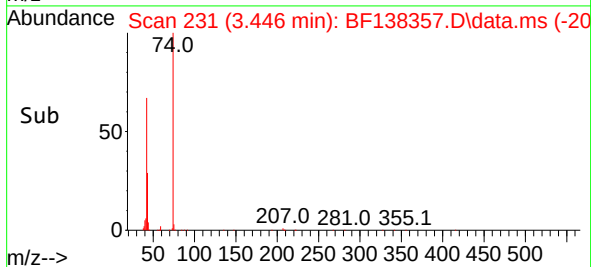
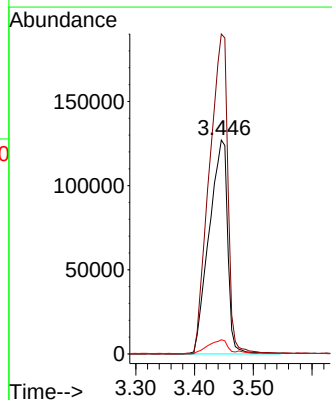
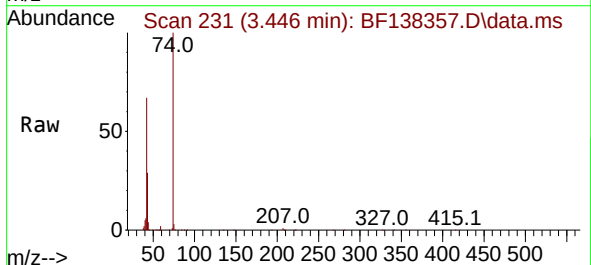
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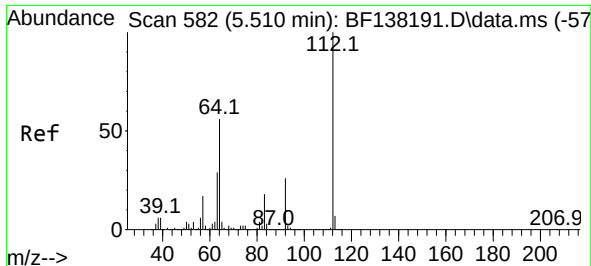
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#4
n-Nitrosodimethylamine
Concen: 43.334 ng
RT: 3.446 min Scan# 231
Delta R.T. 0.035 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

Tgt Ion: 42 Resp: 278943
Ion Ratio Lower Upper
42 100
74 149.5 109.9 164.9
44 6.6 5.2 7.8





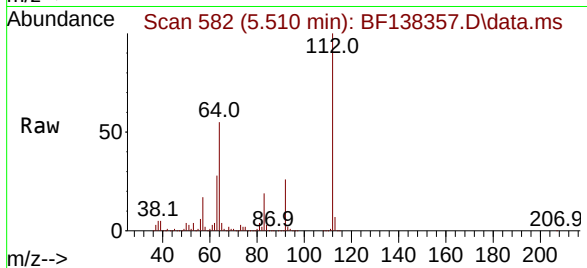
#5
2-Fluorophenol
Concen: 98.448 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.000 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD



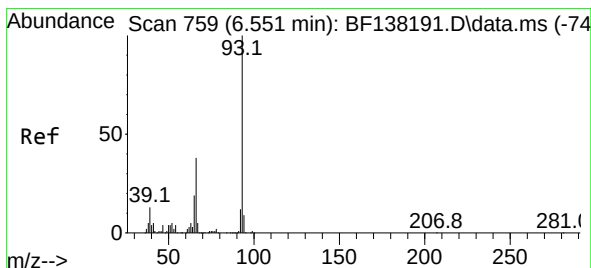
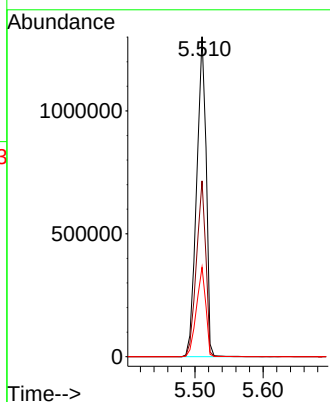
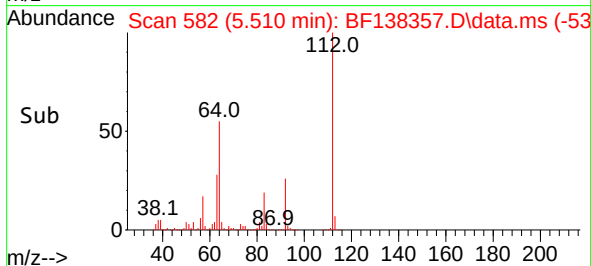
Tgt Ion:112 Resp: 125894
Ion Ratio Lower Upper
112 100
64 54.9 45.2 67.8
63 27.9 22.9 34.3

Manual Integrations

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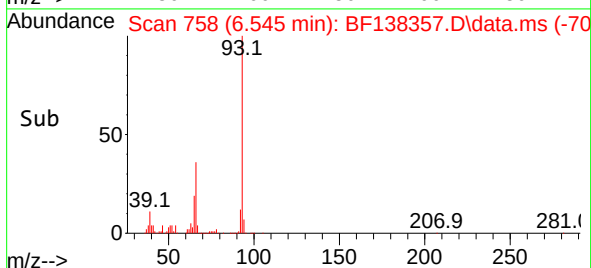
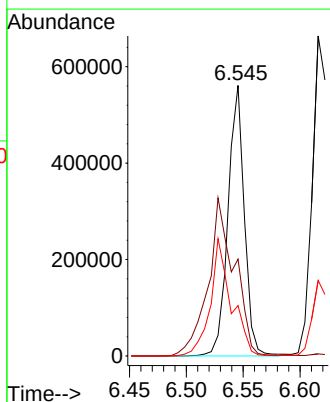
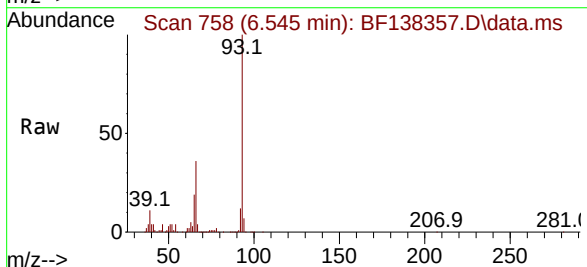
Reviewed By :Yogesh Patel 06/27/2024

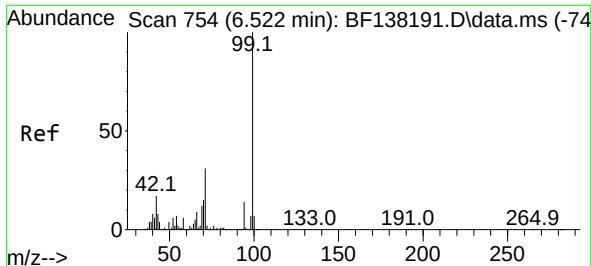
Supervised By :mohammad ahmed 06/27/2024



#6
Aniline
Concen: 35.358 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

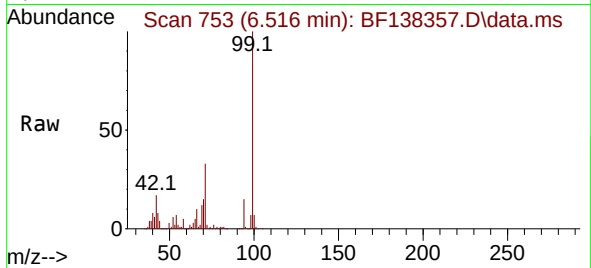
Tgt Ion: 93 Resp: 561008
Ion Ratio Lower Upper
93 100
66 35.8 30.8 46.2
65 18.6 15.5 23.3





#7
Phenol-d6
Concen: 97.128 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

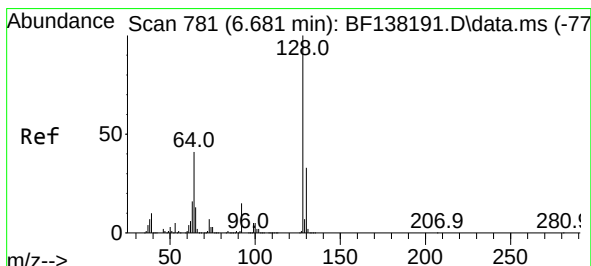
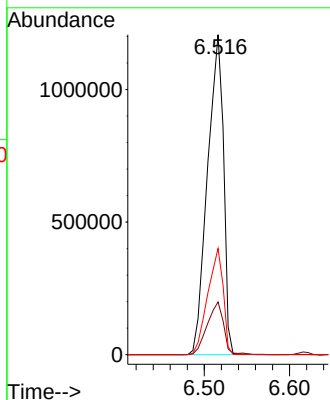
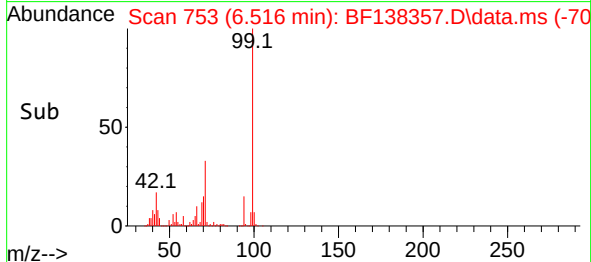
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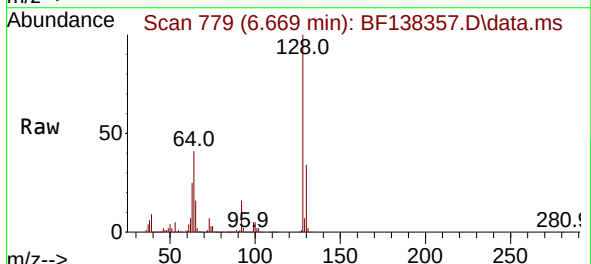
Tgt Ion: 99 Resp: 157498
Ion Ratio Lower Upper
99 100
42 16.5 13.7 20.5
71 33.2 25.0 37.6

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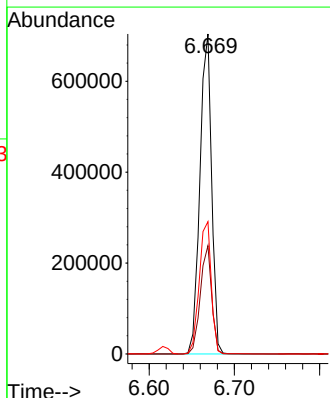
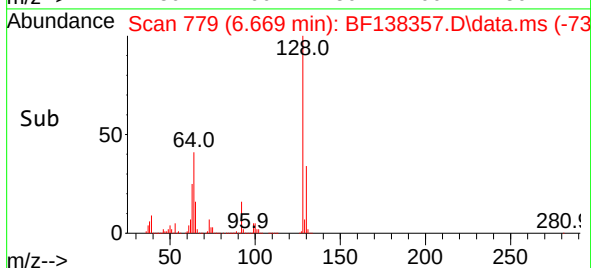
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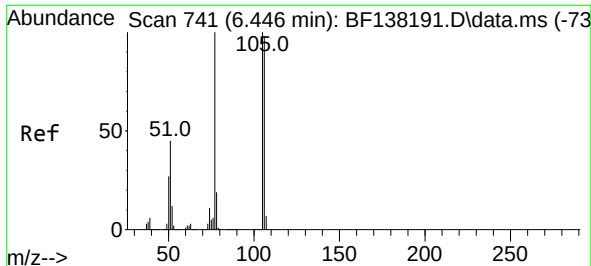


#8
2-Chlorophenol
Concen: 48.568 ng
RT: 6.669 min Scan# 779
Delta R.T. -0.012 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58



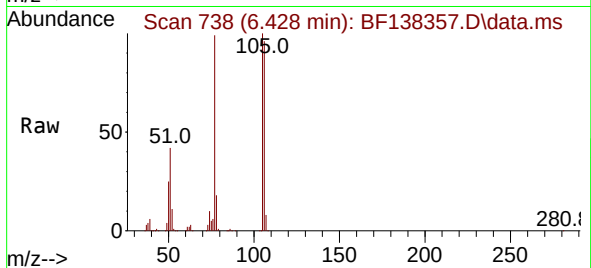
Tgt Ion:128 Resp: 671474
Ion Ratio Lower Upper
128 100
130 33.8 13.1 53.1
64 41.3 21.8 61.8





#9
Benzaldehyde
Concen: 14.910 ng
RT: 6.428 min Scan# 714
Delta R.T. -0.018 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

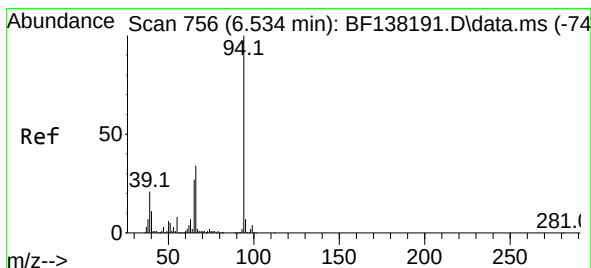
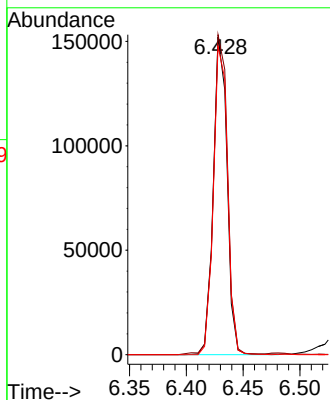
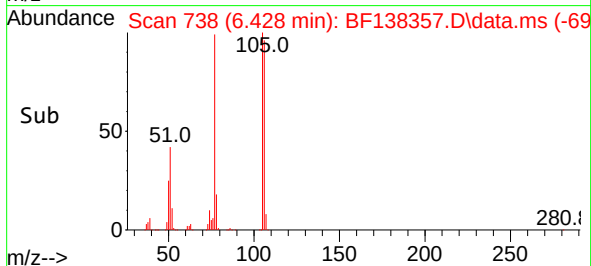
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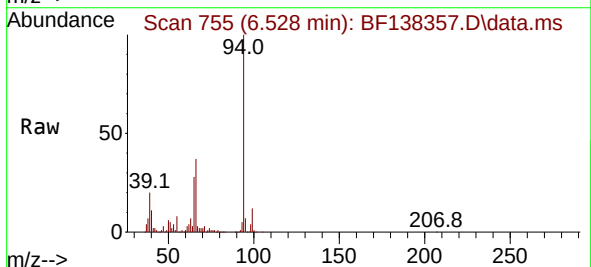
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Ion Ratio Lower Upper
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105 100.8 80.1 120.1
106 97.2 77.8 117.8

Manual Integrations
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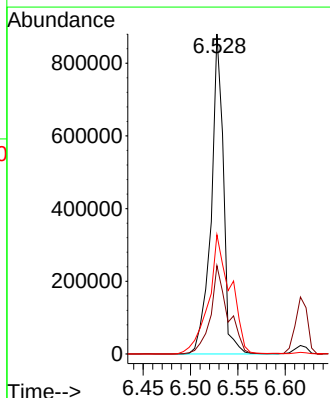
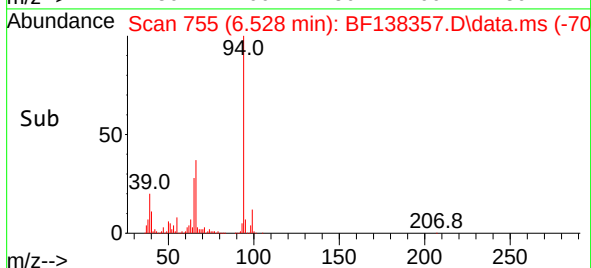
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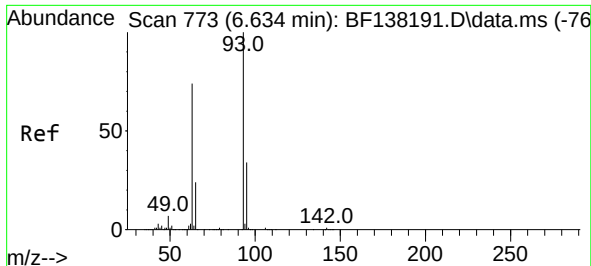


#10
Phenol
Concen: 48.239 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58



Tgt Ion: 94 Resp: 793827
Ion Ratio Lower Upper
94 100
65 27.6 6.8 46.8
66 37.2 14.2 54.2





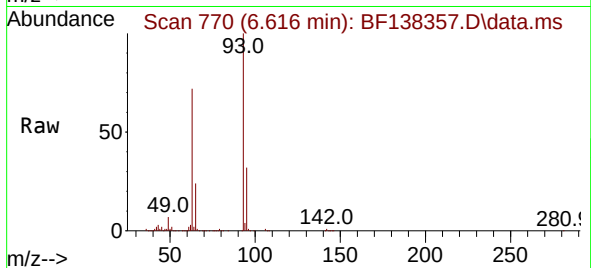
#11
bis(2-Chloroethyl)ether
Concen: 45.874 ng
RT: 6.616 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD



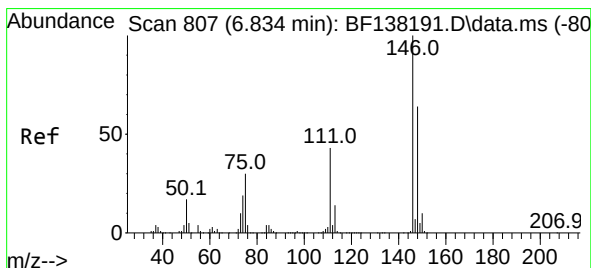
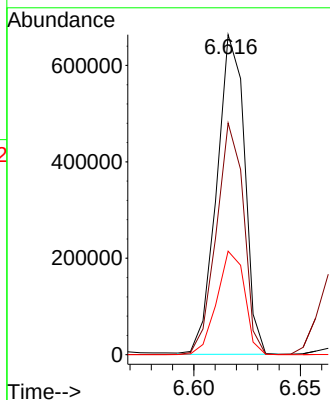
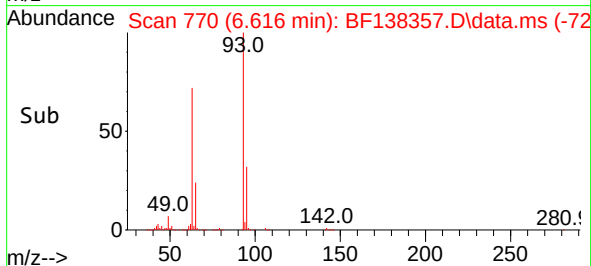
Tgt Ion: 93 Resp: 604179
Ion Ratio Lower Upper
93 100
63 72.4 52.5 92.5
95 32.3 13.2 53.2

Manual Integrations

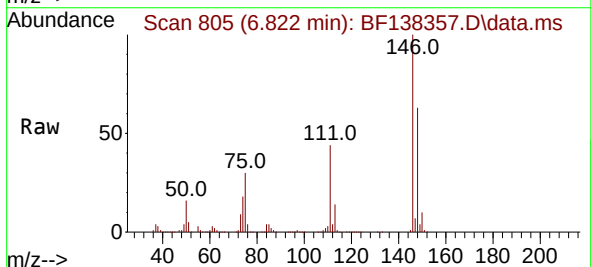
APPROVED

Reviewed By :Yogesh Patel 06/27/2024

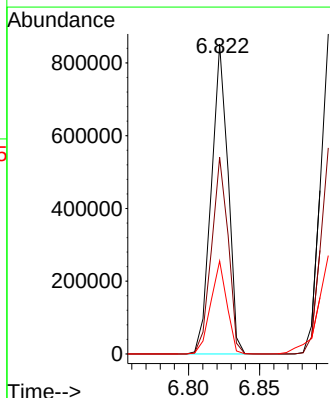
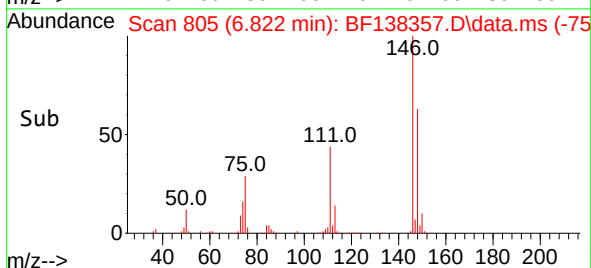
Supervised By :mohammad ahmed 06/27/2024

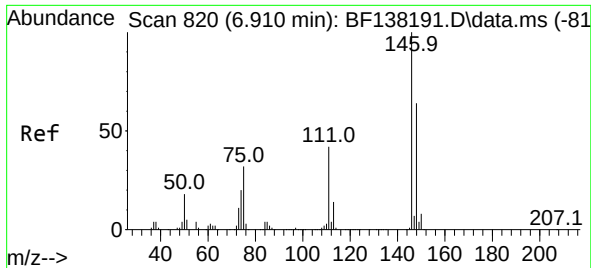


#12
1,3-Dichlorobenzene
Concen: 43.986 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.012 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58



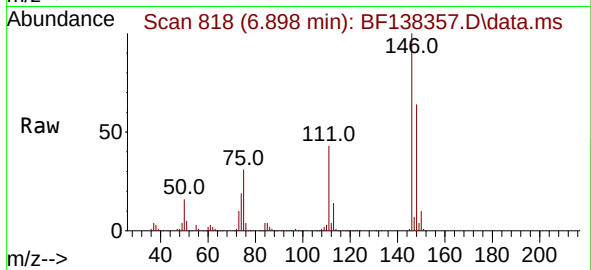
Tgt Ion:146 Resp: 691120
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.6
75 30.0 24.3 36.5





#13
1,4-Dichlorobenzene
Concen: 44.039 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.012 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

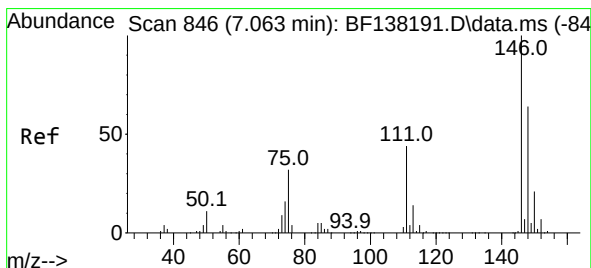
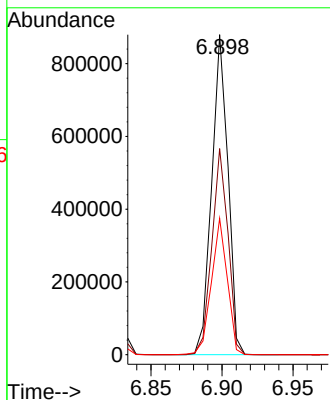
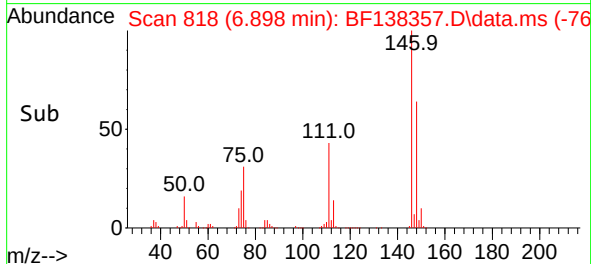
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MSD



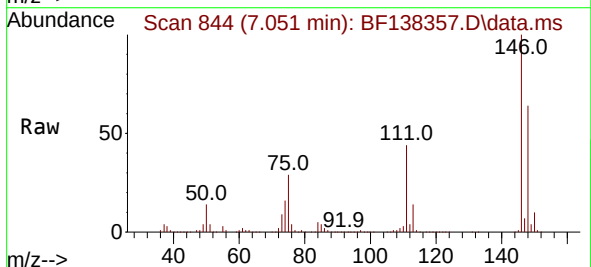
Tgt Ion:146 Resp: 696349
Ion Ratio Lower Upper
146 100
148 64.4 51.1 76.7
111 42.6 33.7 50.5

Manual Integrations
APPROVED

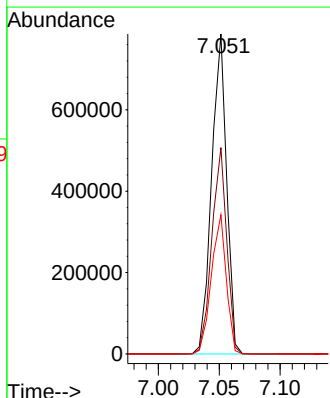
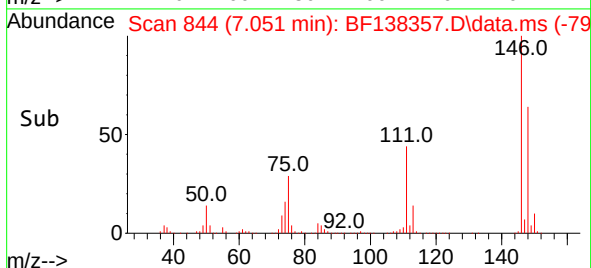
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

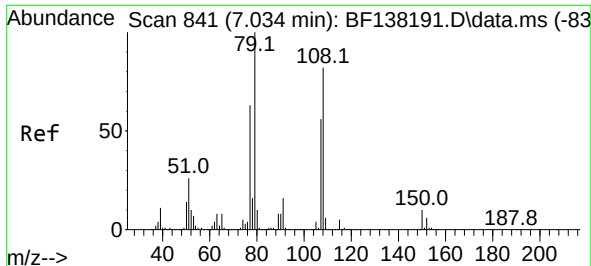


#14
1,2-Dichlorobenzene
Concen: 45.254 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58



Tgt Ion:146 Resp: 671729
Ion Ratio Lower Upper
146 100
148 64.5 51.2 76.8
111 43.5 35.4 53.2





#15
Benzyl Alcohol
Concen: 49.099 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

Instrument :

BNA_F

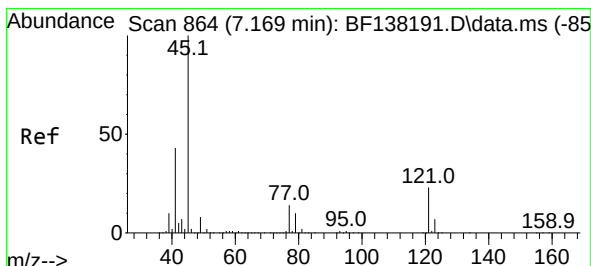
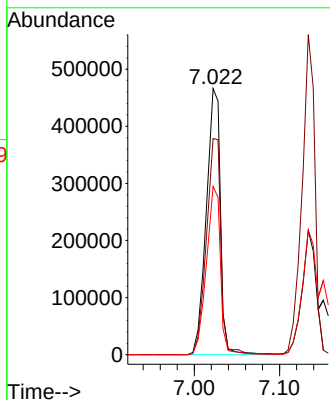
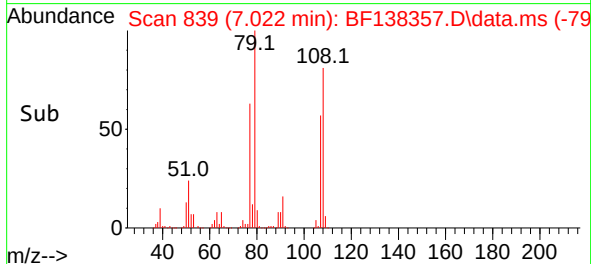
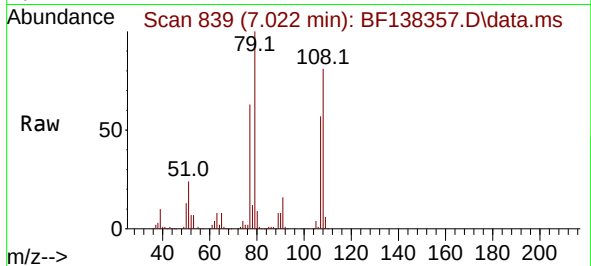
ClientSampleId :

WC-NORTH-1MSD

Tgt Ion: 79 Resp: 536829
Ion Ratio Lower Upper
79 100
108 81.2 65.9 98.9
77 63.2 50.3 75.5

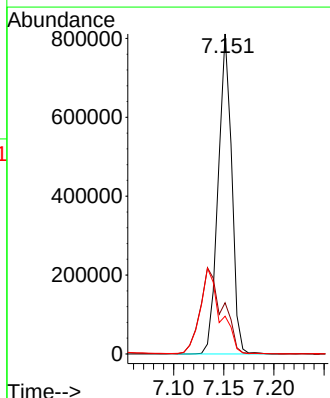
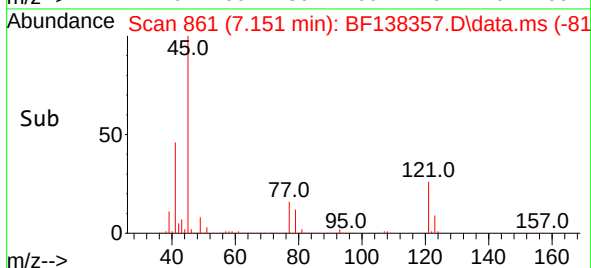
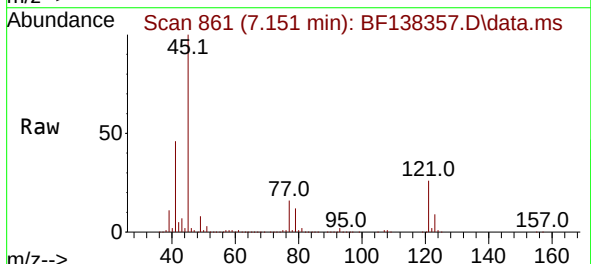
Manual Integrations
APPROVED

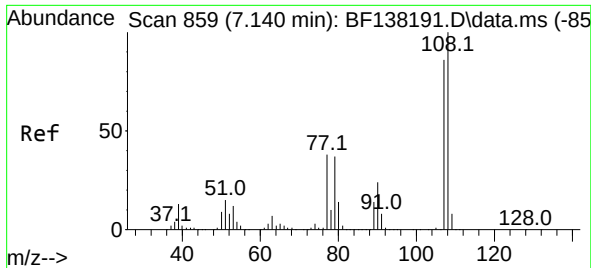
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.737 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.018 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

Tgt Ion: 45 Resp: 757218
Ion Ratio Lower Upper
45 100
77 16.0 0.0 33.9
79 11.8 0.0 30.7





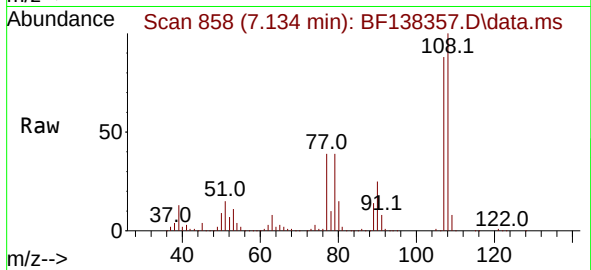
#17
2-Methylphenol
Concen: 47.565 ng
RT: 7.134 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD

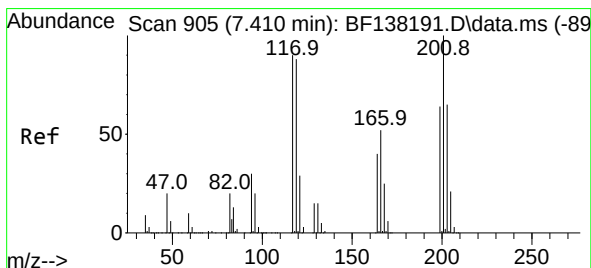
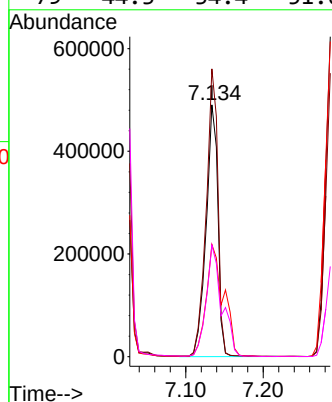


Tgt Ion:107 Resp: 51883
Ion Ratio Lower Upper
107 100
108 114.3 92.7 139.1
77 44.6 35.7 53.5
79 44.3 34.4 51.6

Manual Integrations

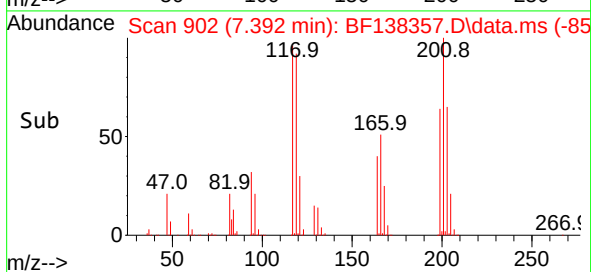
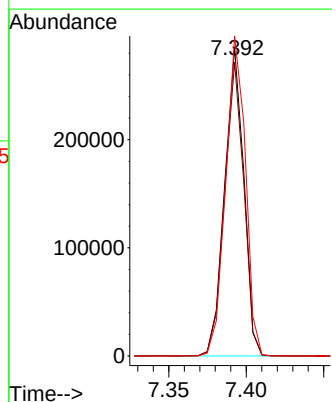
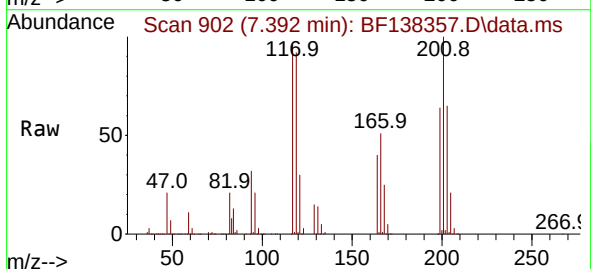
APPROVED

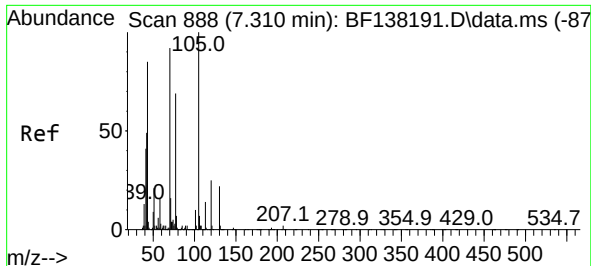
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#18
Hexachloroethane
Concen: 45.812 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.018 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

Tgt Ion:117 Resp: 245407
Ion Ratio Lower Upper
117 100
119 95.2 78.4 117.6
201 103.7 89.0 133.6





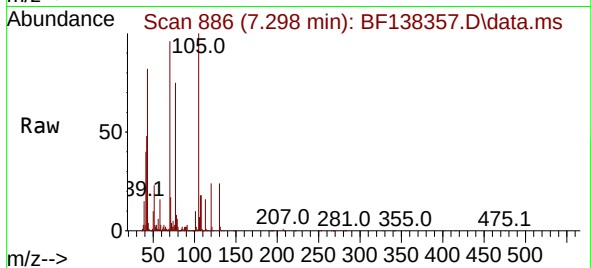
#19
n-Nitroso-di-n-propylamine
Concen: 43.419 ng
RT: 7.298 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD

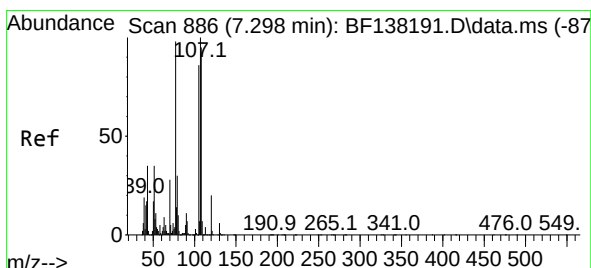
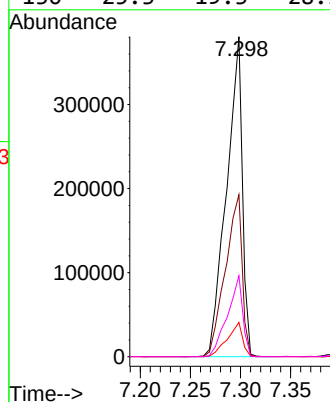
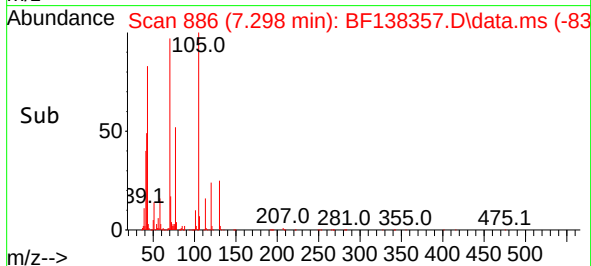


Tgt Ion: 70 Resp: 41734
Ion Ratio Lower Upper
70 100
42 50.6 42.8 64.2
101 10.7 8.4 12.6
130 25.3 19.3 28.9

Manual Integrations

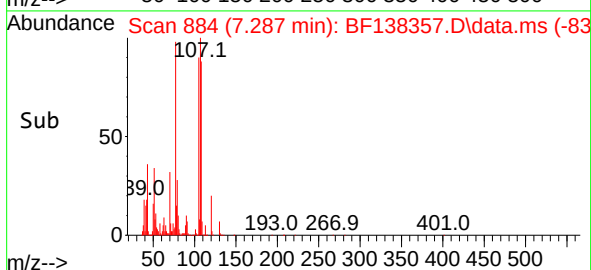
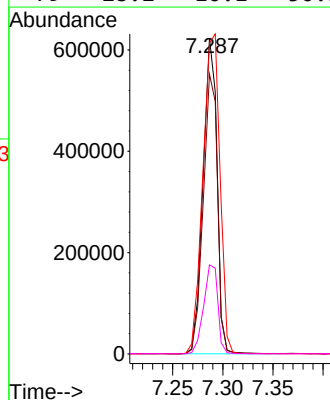
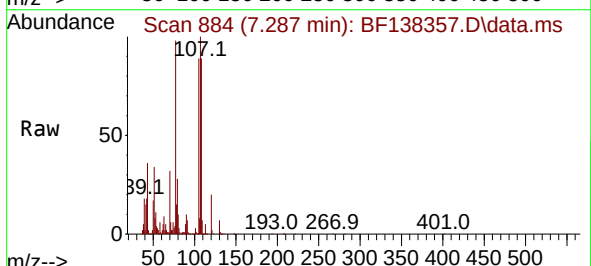
APPROVED

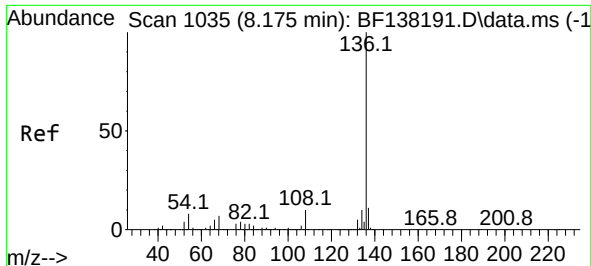
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#20
3+4-Methylphenols
Concen: 44.093 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

Tgt Ion:107 Resp: 605375
Ion Ratio Lower Upper
107 100
108 88.6 74.9 114.9
77 98.5 78.2 118.2
79 28.2 10.1 50.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

Instrument :

BNA_F

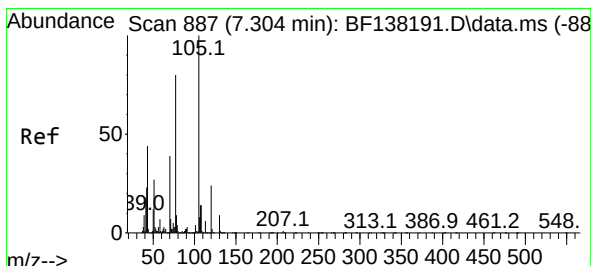
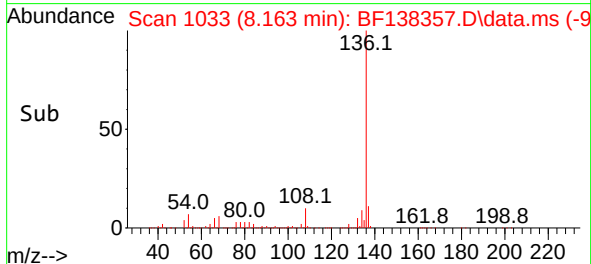
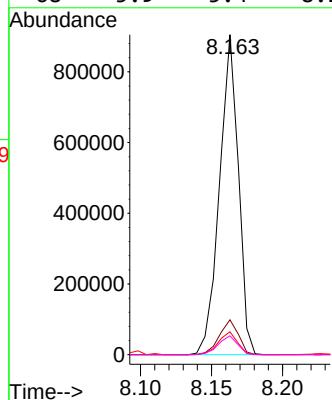
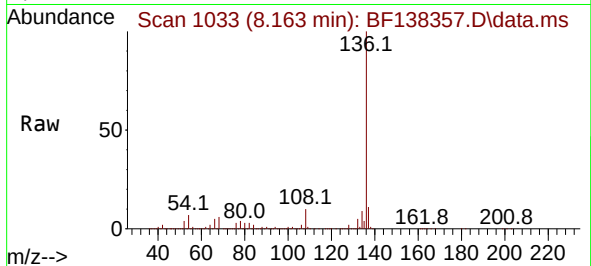
ClientSampleId :

WC-NORTH-1MSD

Tgt Ion:136 Resp: 83436
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 7.2 6.6 10.0
68 5.9 5.4 8.2

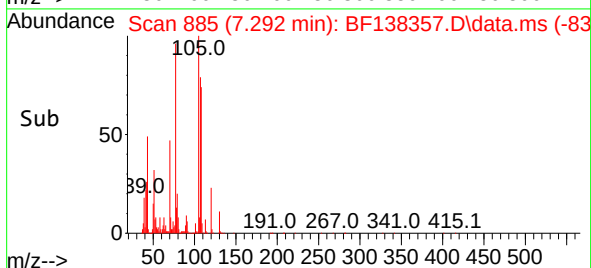
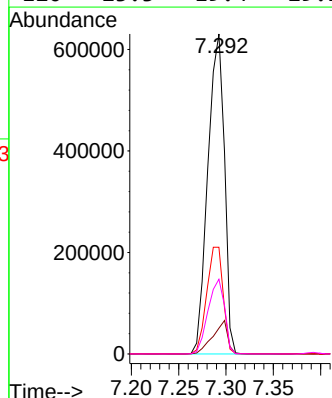
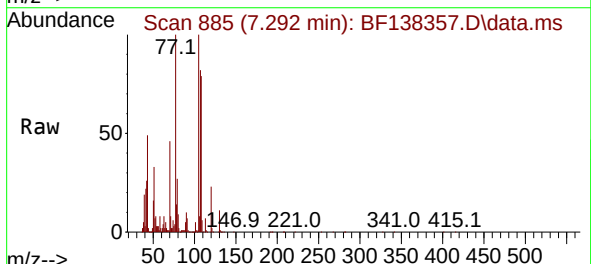
Manual Integrations
APPROVED

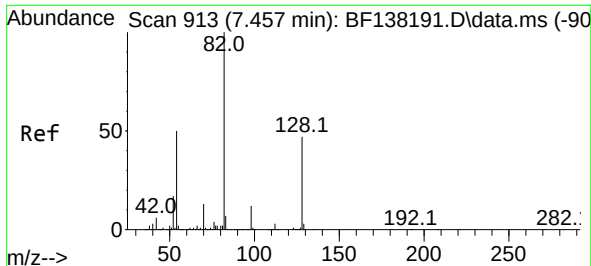
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#22
Acetophenone
Concen: 40.219 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

Tgt Ion:105 Resp: 766580
Ion Ratio Lower Upper
105 100
71 8.1 5.4 8.2
51 33.4 21.4 32.0#
120 23.3 19.4 29.2





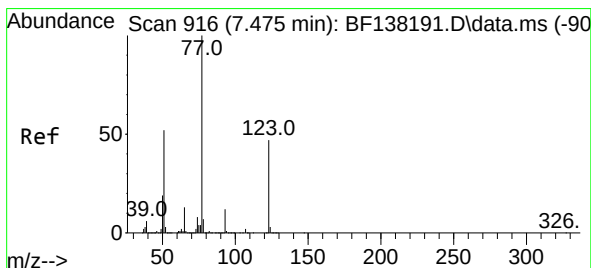
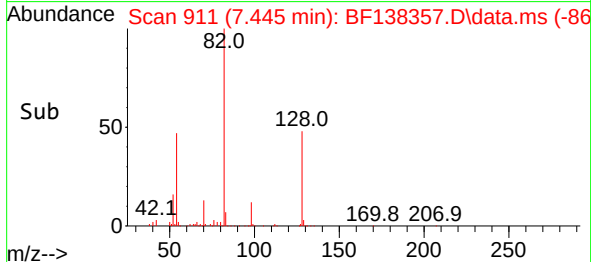
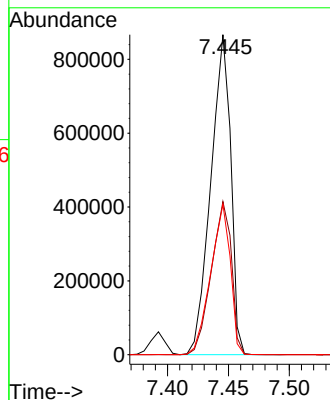
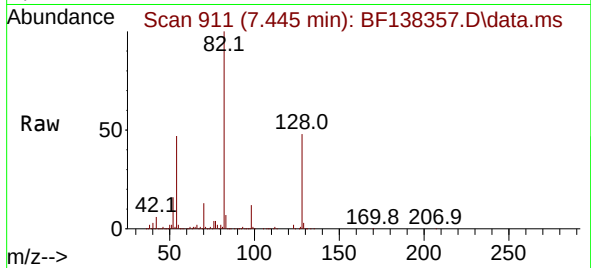
#23
Nitrobenzene-d5
Concen: 69.043 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MSD

Tgt Ion: 82 Resp: 98953
Ion Ratio Lower Upper
82 100
128 47.8 37.2 55.8
54 47.0 39.8 59.6

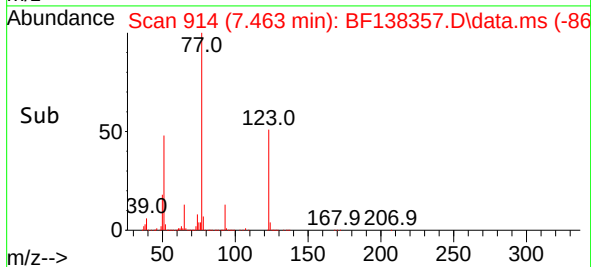
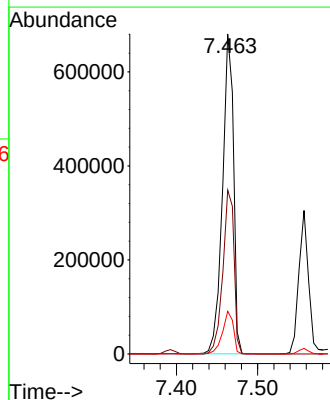
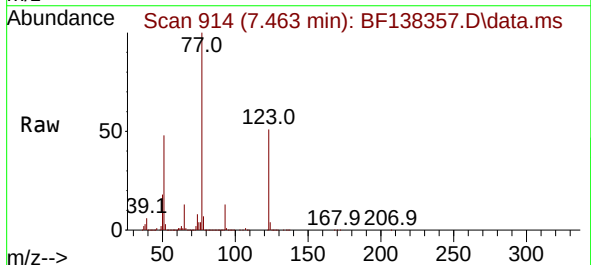
Manual Integrations
APPROVED

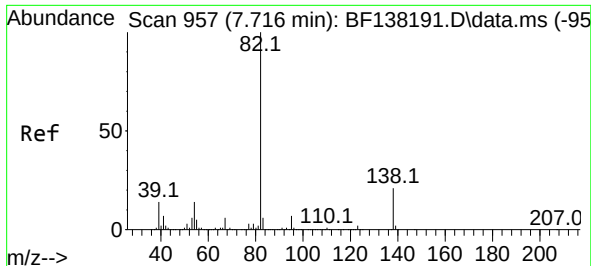
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#24
Nitrobenzene
Concen: 43.576 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.012 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

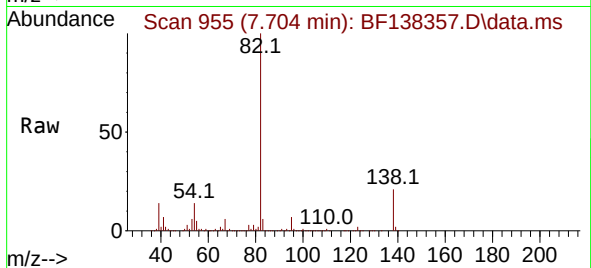
Tgt Ion: 77 Resp: 645483
Ion Ratio Lower Upper
77 100
123 51.2 37.3 55.9
65 13.3 10.6 15.8





#25
Isophorone
Concen: 45.515 ng
RT: 7.704 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

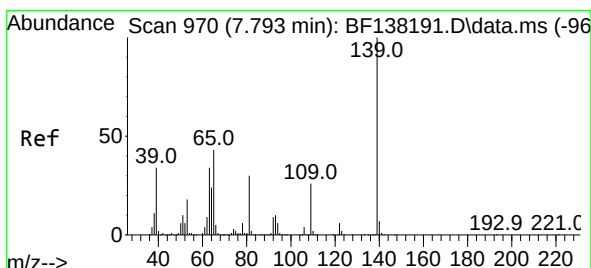
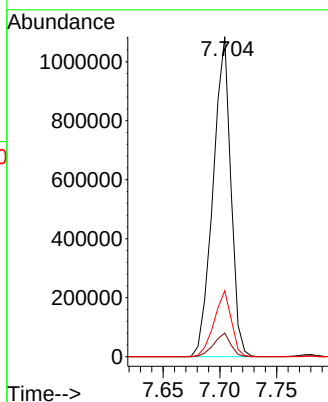
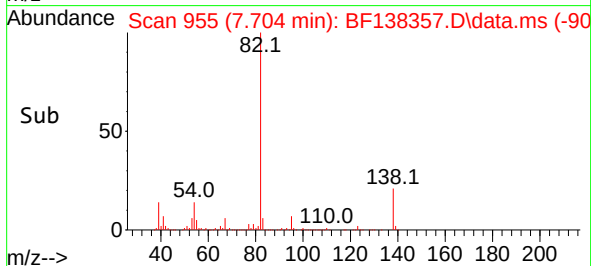
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MSD



Tgt Ion: 82 Resp: 1179924
Ion Ratio Lower Upper
82 100
95 7.4 5.6 8.4
138 20.6 16.4 24.6

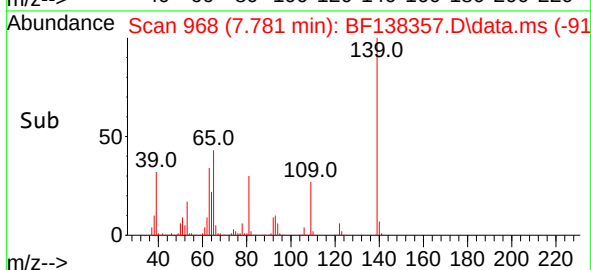
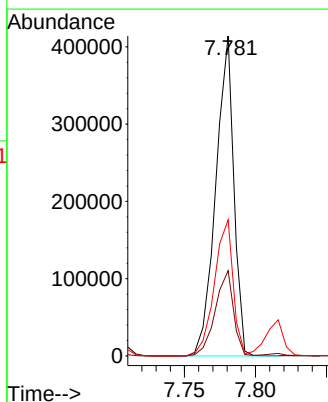
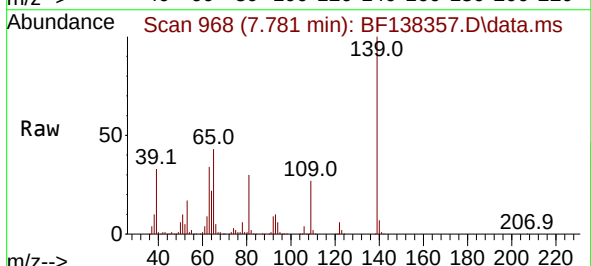
Manual Integrations
APPROVED

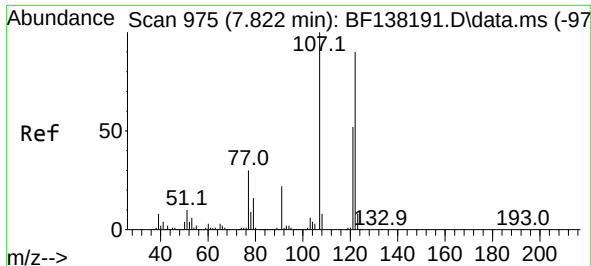
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#26
2-Nitrophenol
Concen: 61.411 ng
RT: 7.781 min Scan# 968
Delta R.T. -0.012 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

Tgt Ion:139 Resp: 365789
Ion Ratio Lower Upper
139 100
109 26.7 20.7 31.1
65 42.6 34.5 51.7





#27

2,4-Dimethylphenol

Concen: 49.596 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF138357.D

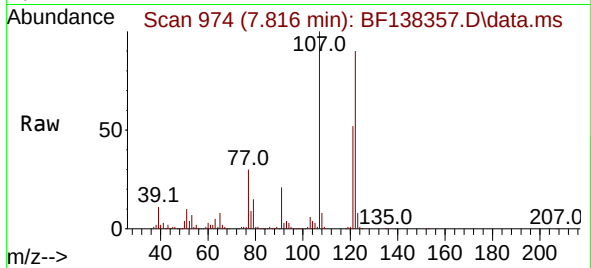
Acq: 26 Jun 2024 17:58

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD



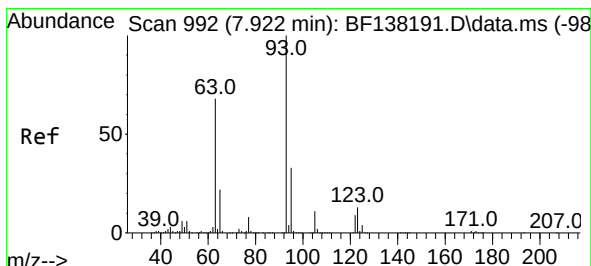
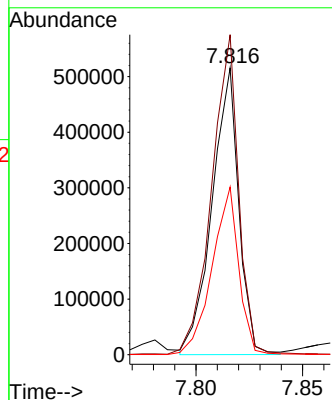
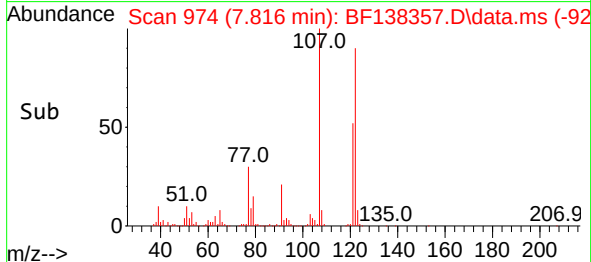
Tgt Ion:	122	Resp:	449430
Ion	Ratio	Lower	Upper
122	100		
107	111.5	87.7	131.5
121	58.4	45.8	68.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#28

bis(2-Chloroethoxy)methane

Concen: 45.510 ng

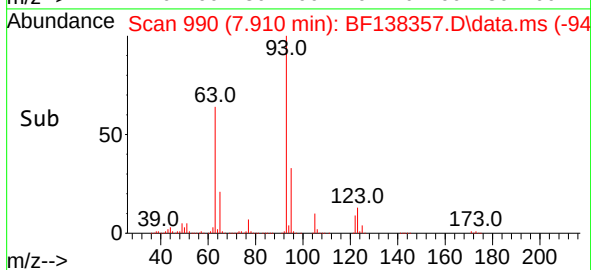
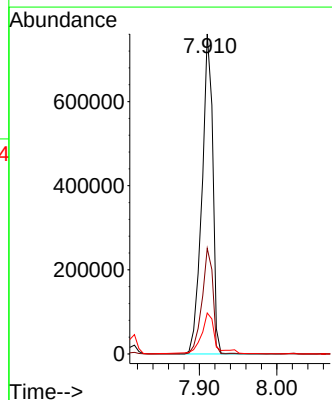
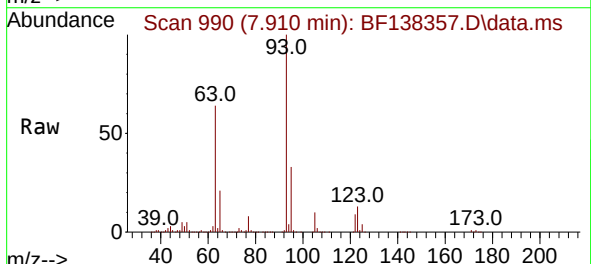
RT: 7.910 min Scan# 990

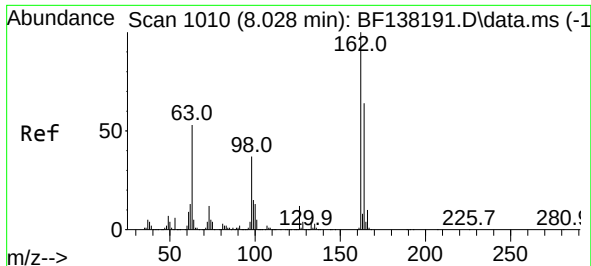
Delta R.T. -0.012 min

Lab File: BF138357.D

Acq: 26 Jun 2024 17:58

Tgt Ion:	93	Resp:	738540
Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.6	39.8
123	12.8	10.2	15.4





#29

2,4-Dichlorophenol

Concen: 47.357 ng

RT: 8.022 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BF138357.D

Acq: 26 Jun 2024 17:58

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD

Tgt Ion:162 Resp: 552519

Ion Ratio Lower Upper

162 100

164 64.9 44.3 84.3

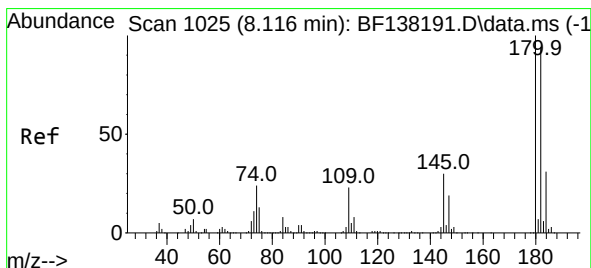
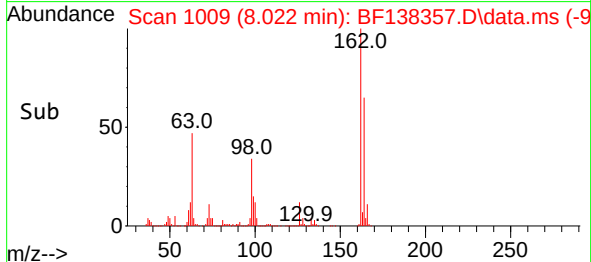
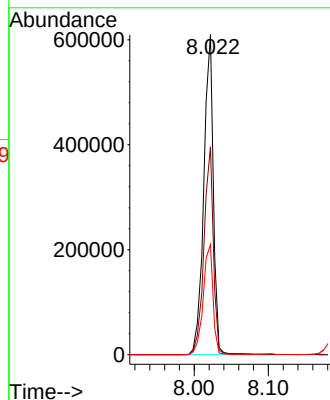
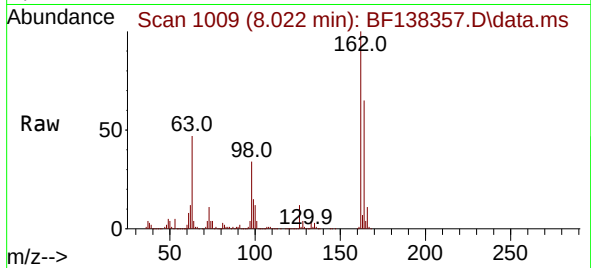
98 34.4 16.5 56.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#30

1,2,4-Trichlorobenzene

Concen: 44.086 ng

RT: 8.104 min Scan# 1023

Delta R.T. -0.012 min

Lab File: BF138357.D

Acq: 26 Jun 2024 17:58

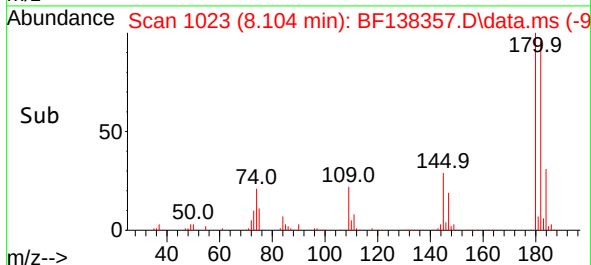
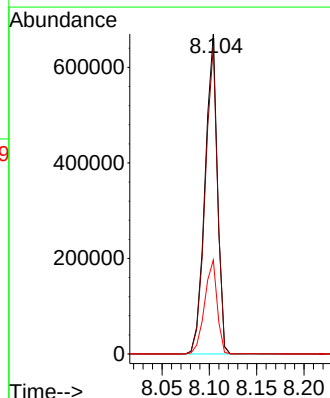
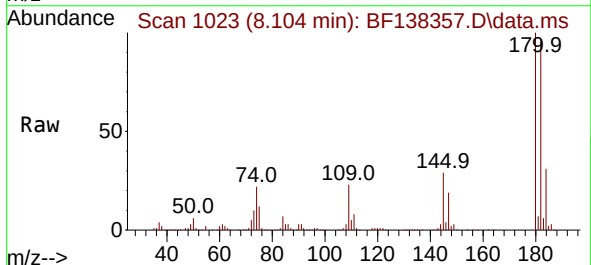
Tgt Ion:180 Resp: 606591

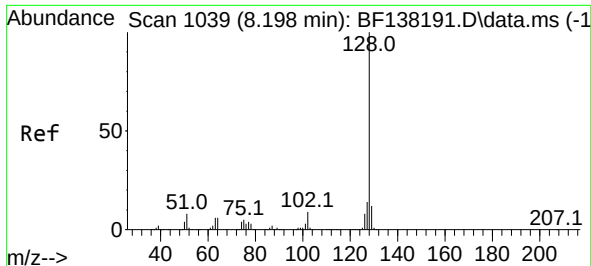
Ion Ratio Lower Upper

180 100

182 96.3 75.0 112.6

145 29.4 23.8 35.6





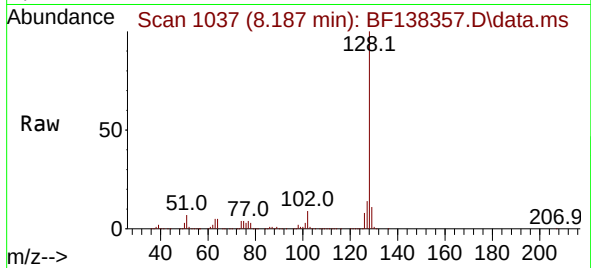
#31
Naphthalene
Concen: 43.788 ng
RT: 8.187 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD



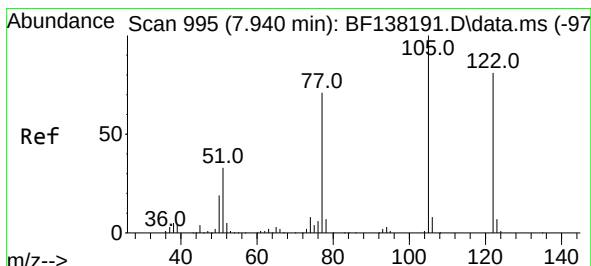
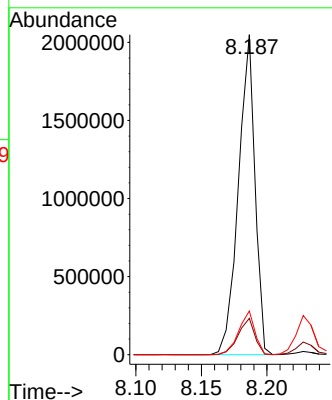
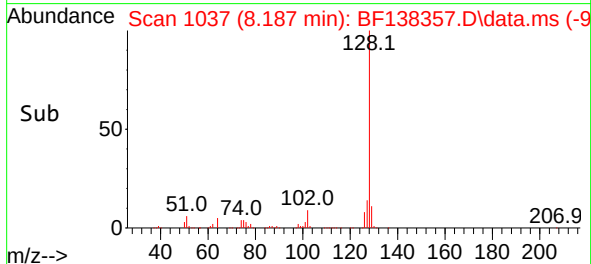
Tgt Ion:128 Resp: 1806584
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 13.6 11.0 16.6

Manual Integrations

APPROVED

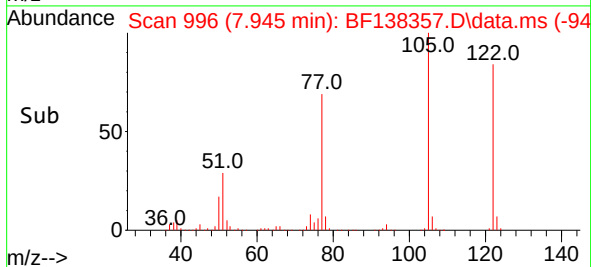
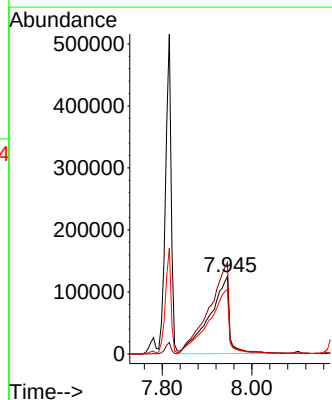
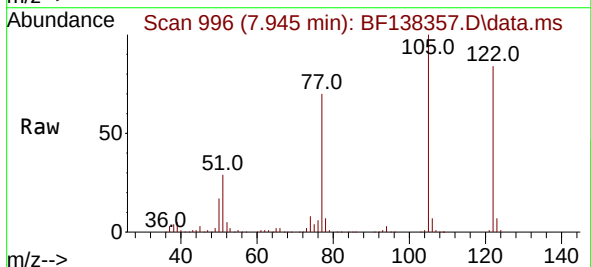
Reviewed By :Yogesh Patel 06/27/2024

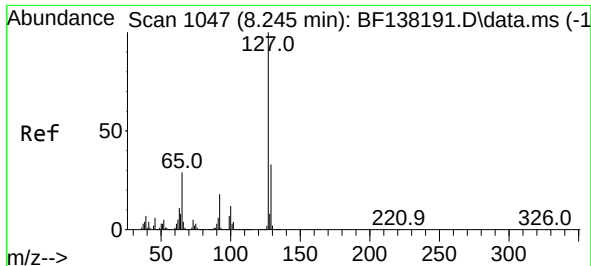
Supervised By :mohammad ahmed 06/27/2024



#32
Benzoic acid
Concen: 48.407 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.005 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

Tgt Ion:122 Resp: 386624
Ion Ratio Lower Upper
122 100
105 118.4 100.1 140.1
77 83.4 66.5 106.5





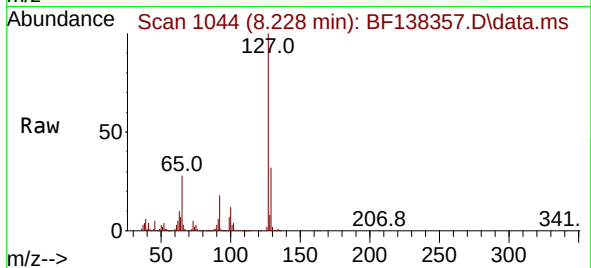
#33
4-Chloroaniline
Concen: 16.926 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.018 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD

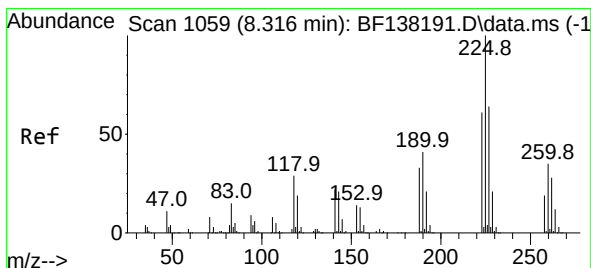
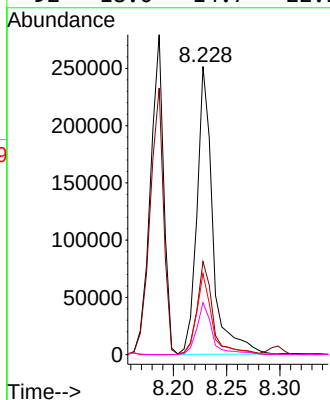
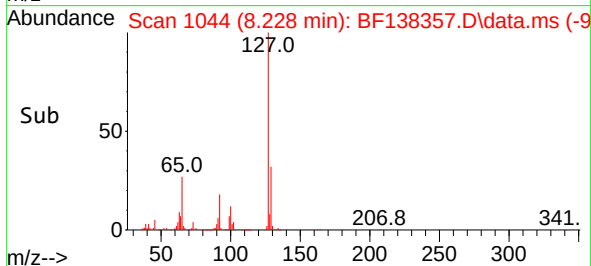


Tgt Ion:127 Resp: 26100
Ion Ratio Lower Upper
127 100
129 32.3 26.1 39.1
65 28.2 23.6 35.4
92 18.0 14.7 22.1

Manual Integrations

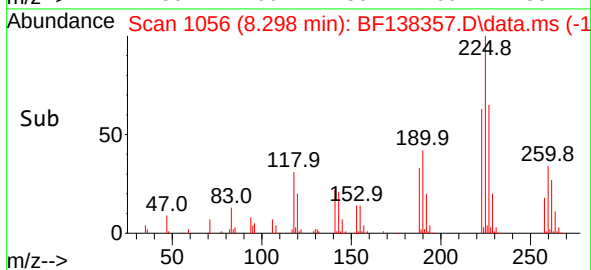
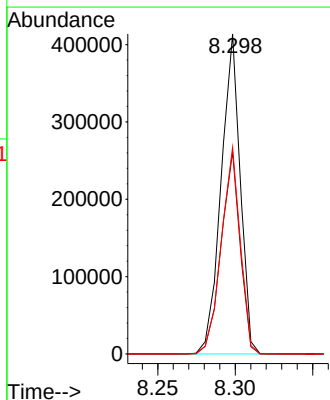
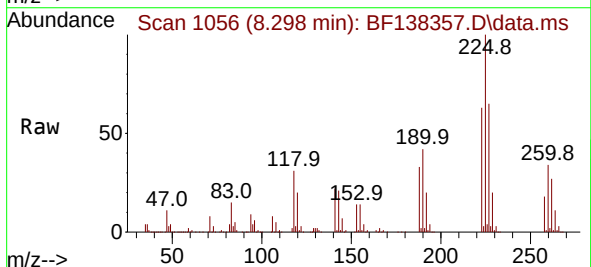
APPROVED

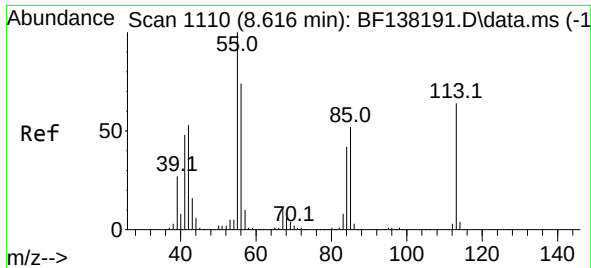
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#34
Hexachlorobutadiene
Concen: 44.026 ng
RT: 8.298 min Scan# 1056
Delta R.T. -0.018 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

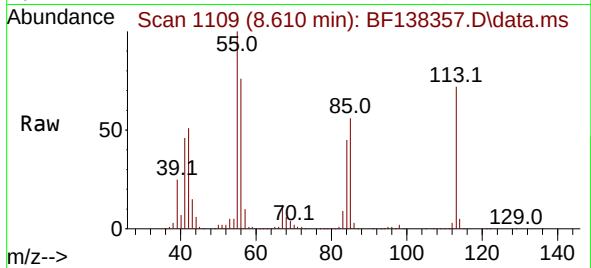
Tgt Ion:225 Resp: 354278
Ion Ratio Lower Upper
225 100
223 63.1 49.0 73.6
227 64.6 51.2 76.8





#35
 Caprolactam
 Concen: 48.728 ng m
 RT: 8.610 min Scan# 1110
 Delta R.T. -0.006 min
 Lab File: BF138357.D
 Acq: 26 Jun 2024 17:58

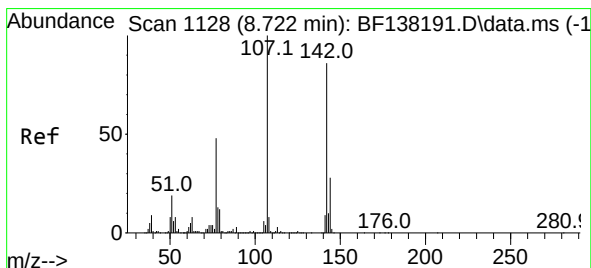
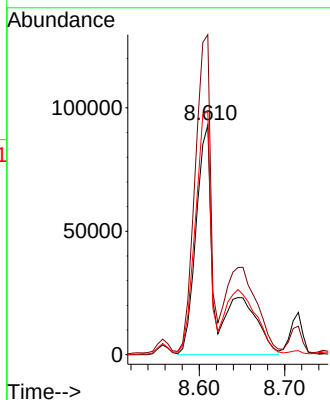
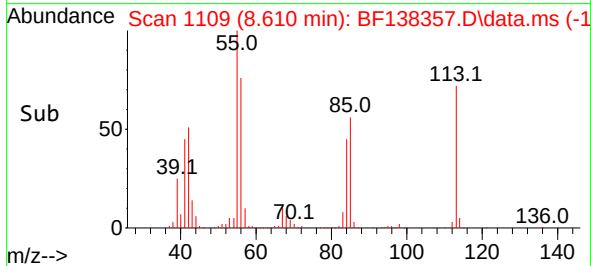
Instrument :
 BNA_F
 ClientSampleId :
 WC-NORTH-1MSD



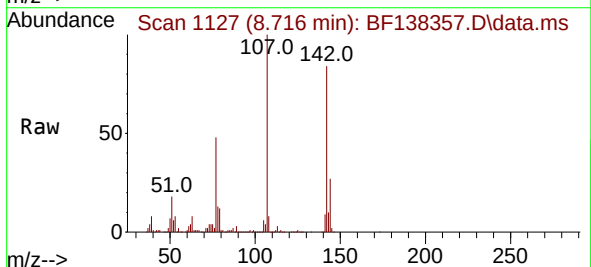
Tgt Ion:113 Resp: 171632
 Ion Ratio Lower Upper
 113 100
 55 139.3 135.4 175.4
 56 105.9 95.5 135.5

Manual Integrations
 APPROVED

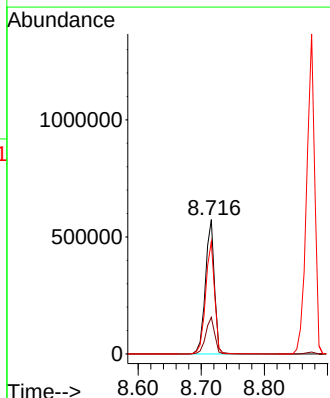
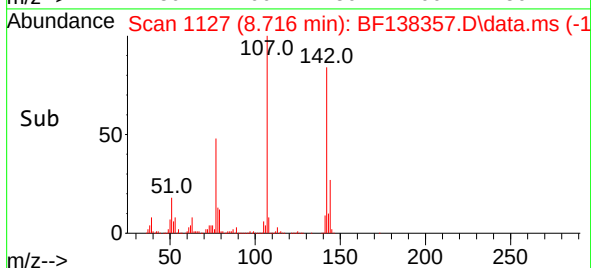
Reviewed By :Yogesh Patel 06/27/2024
 Supervised By :mohammad ahmed 06/27/2024

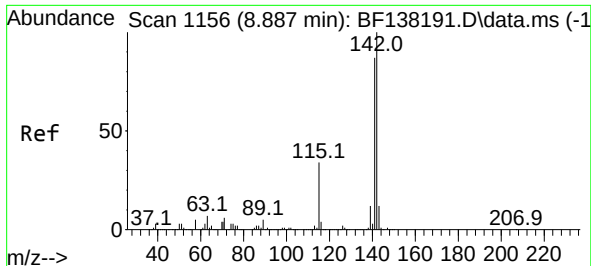


#36
 4-Chloro-3-methylphenol
 Concen: 48.875 ng
 RT: 8.716 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: BF138357.D
 Acq: 26 Jun 2024 17:58



Tgt Ion:107 Resp: 567749
 Ion Ratio Lower Upper
 107 100
 144 27.2 22.6 34.0
 142 83.6 69.0 103.4





#37

2-Methylnaphthalene

Concen: 44.559 ng

RT: 8.875 min Scan# 1156

Delta R.T. -0.012 min

Lab File: BF138357.D

Acq: 26 Jun 2024 17:58

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD

Tgt Ion:142 Resp: 120652

Ion Ratio Lower Upper

142 100

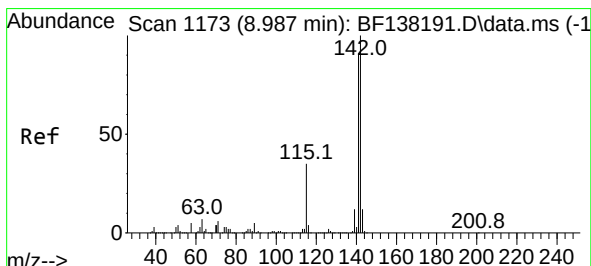
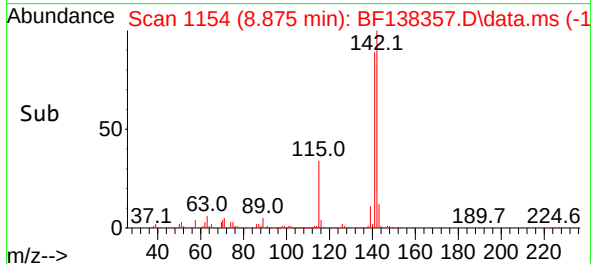
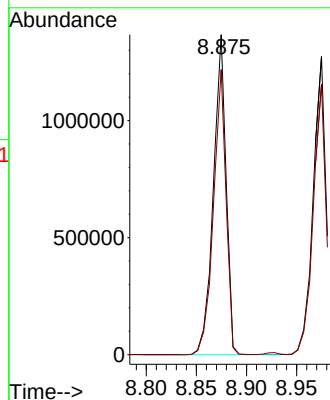
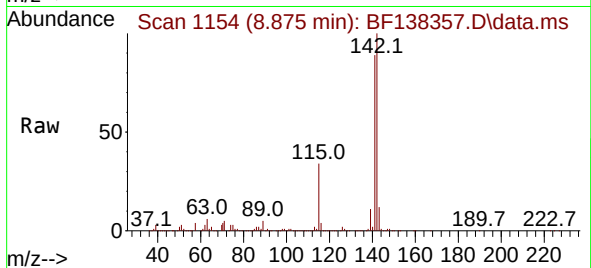
141 89.1 69.9 104.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#38

1-Methylnaphthalene

Concen: 42.337 ng

RT: 8.975 min Scan# 1171

Delta R.T. -0.012 min

Lab File: BF138357.D

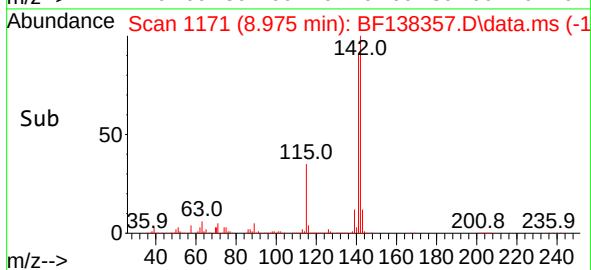
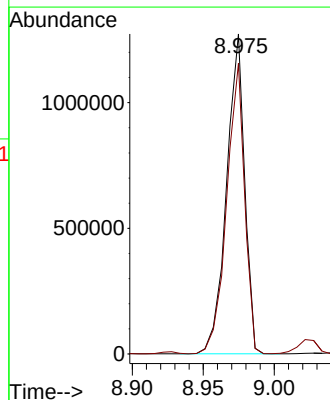
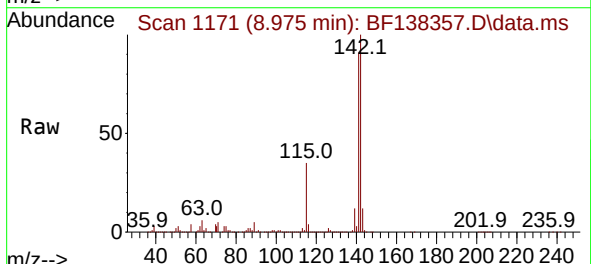
Acq: 26 Jun 2024 17:58

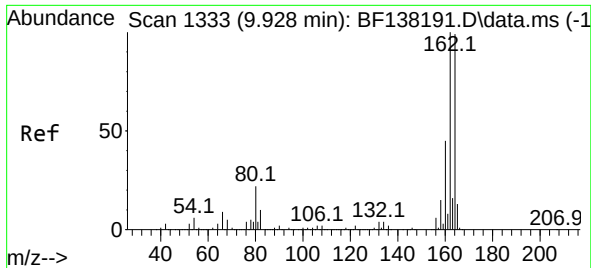
Tgt Ion:142 Resp: 1123373

Ion Ratio Lower Upper

142 100

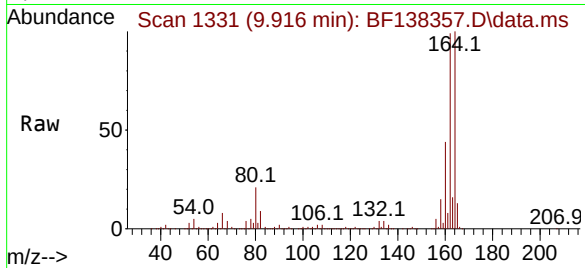
141 90.8 72.8 109.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1182
Delta R.T. -0.012 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

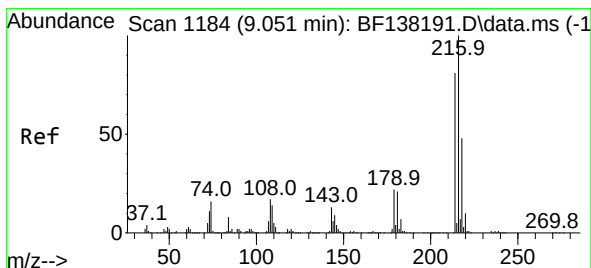
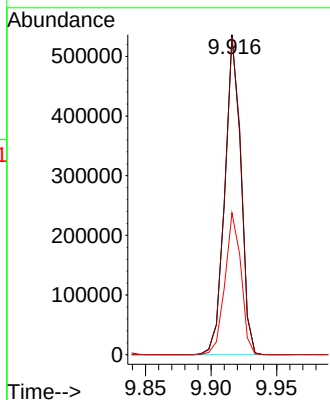
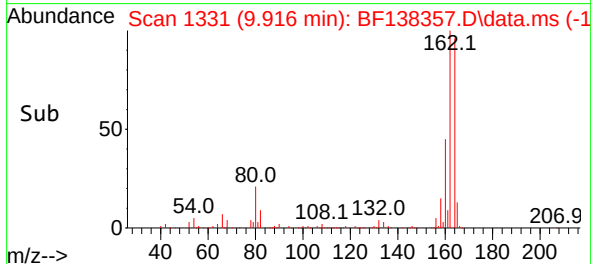
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MSD



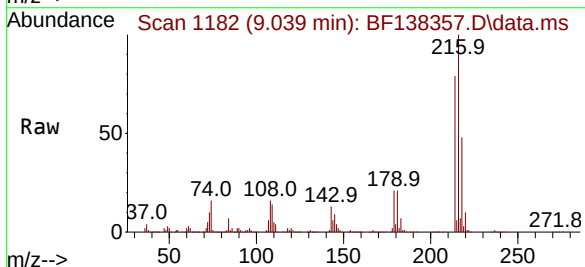
Tgt Ion:164 Resp: 45352
Ion Ratio Lower Upper
164 100
162 99.3 80.6 121.0
160 44.3 36.3 54.5

Manual Integrations
APPROVED

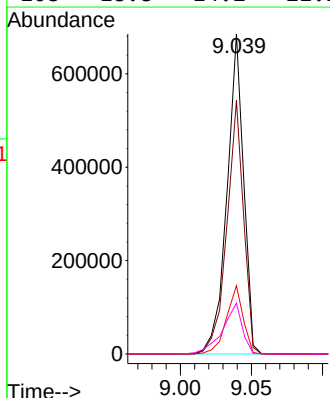
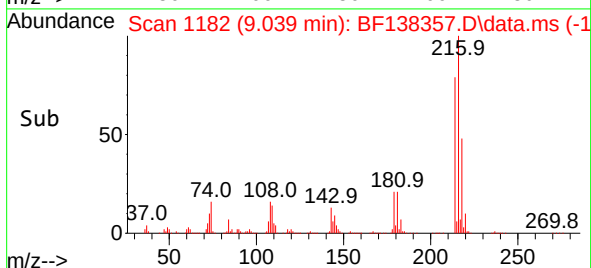
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

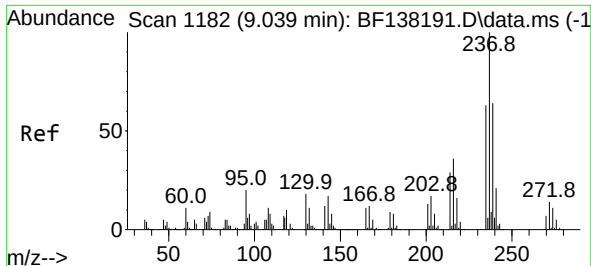


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.046 ng
RT: 9.039 min Scan# 1182
Delta R.T. -0.012 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58



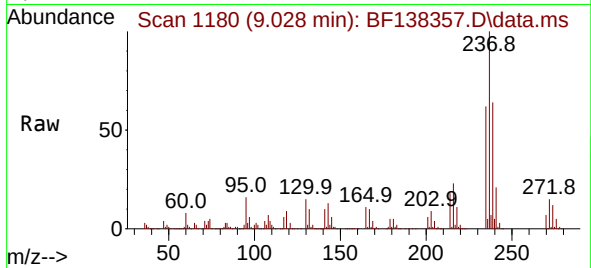
Tgt Ion:216 Resp: 557234
Ion Ratio Lower Upper
216 100
214 79.3 63.7 95.5
179 21.4 16.9 25.3
108 18.8 14.2 21.2





#41
Hexachlorocyclopentadiene
Concen: 114.067 ng
RT: 9.028 min Scan# 1182
Delta R.T. -0.012 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

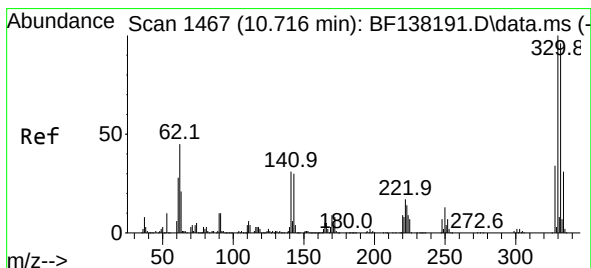
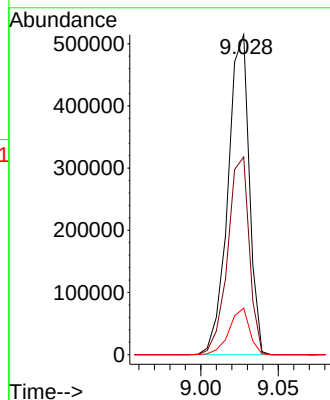
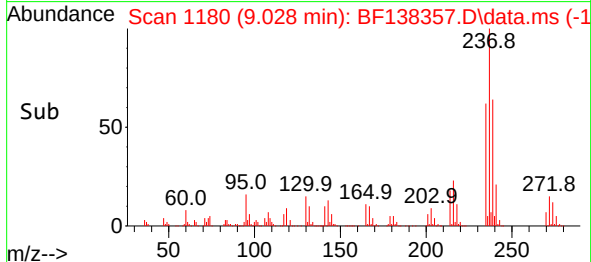
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MSD



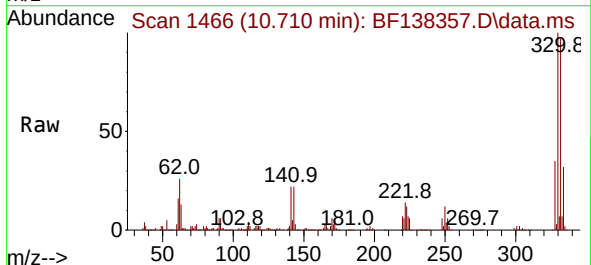
Tgt Ion: 237 Resp: 492924
Ion Ratio Lower Upper
237 100
235 61.8 43.3 83.3
272 14.6 0.0 34.0

Manual Integrations
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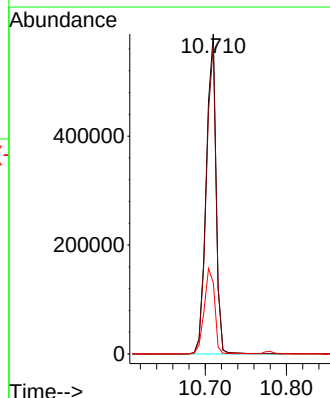
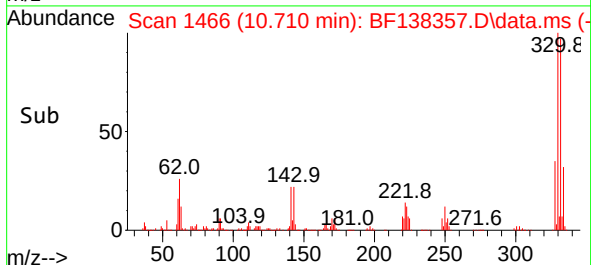
Reviewed By : Yogesh Patel 06/27/2024
Supervised By : mohammad ahmed 06/27/2024

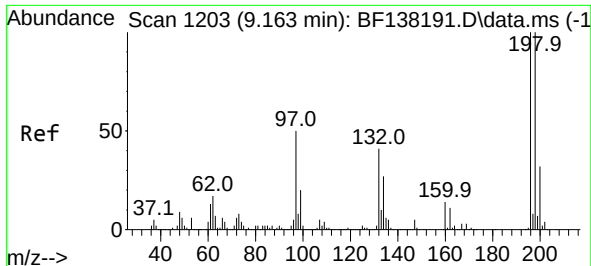


#42
2,4,6-Tribromophenol
Concen: 109.039 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58



Tgt Ion: 330 Resp: 492305
Ion Ratio Lower Upper
330 100
332 97.0 76.6 115.0
141 28.6 23.9 35.9





#43

2,4,6-Trichlorophenol

Concen: 50.051 ng

RT: 9.151 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138357.D

Acq: 26 Jun 2024 17:58

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD

Tgt Ion:196 Resp: 41533

Ion Ratio Lower Upper

196 100

198 97.1 79.8 119.6

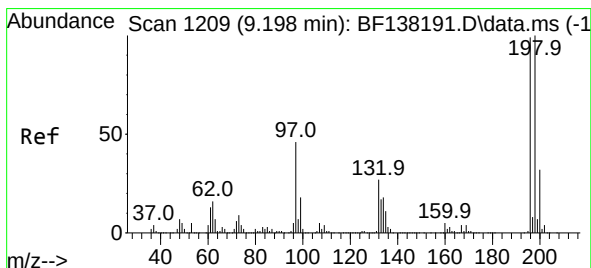
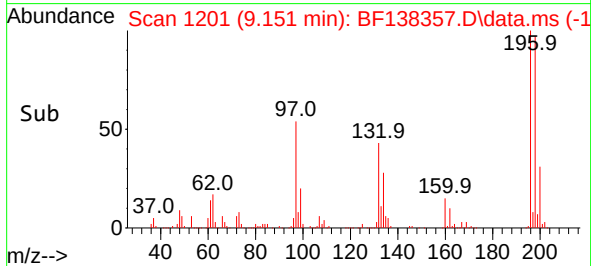
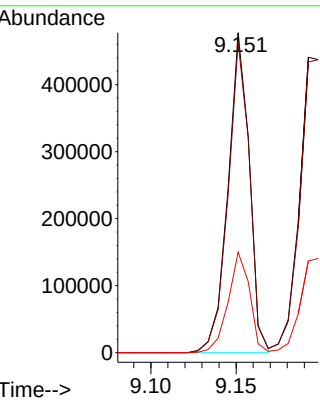
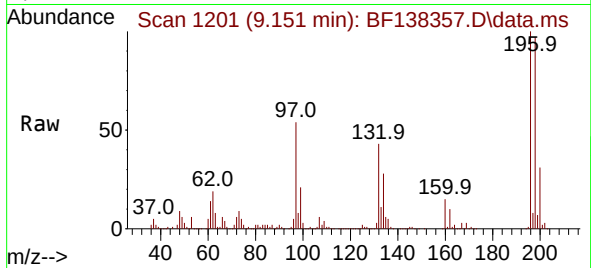
200 31.4 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#44

2,4,5-Trichlorophenol

Concen: 48.255 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138357.D

Acq: 26 Jun 2024 17:58

Tgt Ion:196 Resp: 439749

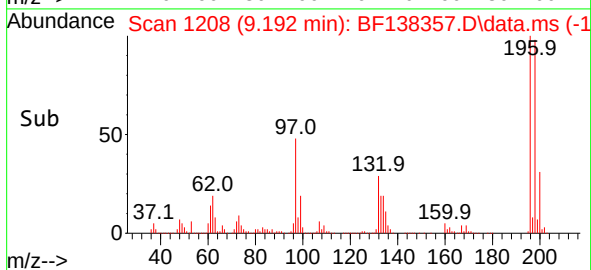
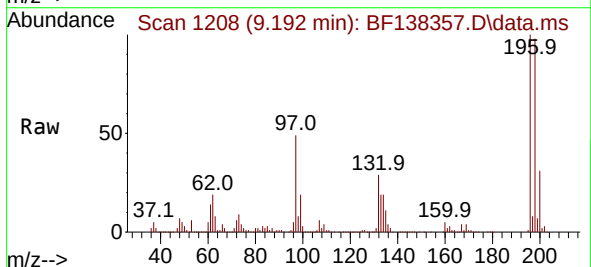
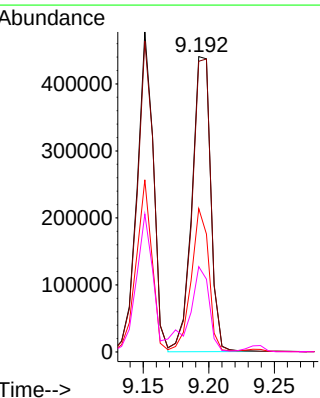
Ion Ratio Lower Upper

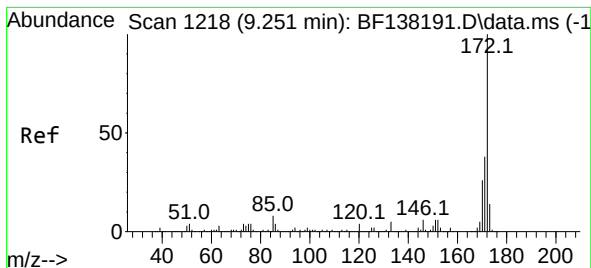
196 100

198 98.4 80.4 120.6

97 48.5 37.4 56.2

132 28.9 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 66.110 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF138357.D

Acq: 26 Jun 2024 17:58

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD

Tgt Ion:172 Resp: 1885518

Ion Ratio Lower Upper

172 100

171 35.8 30.3 45.5

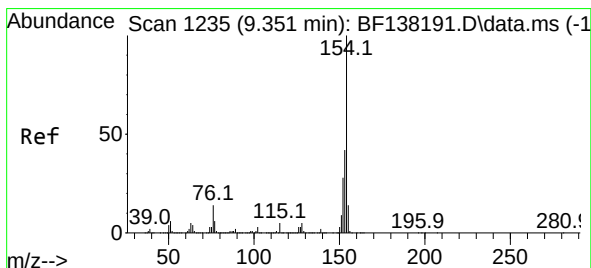
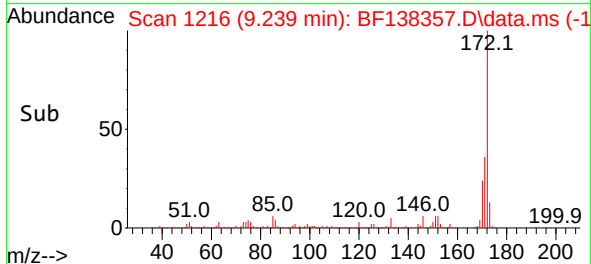
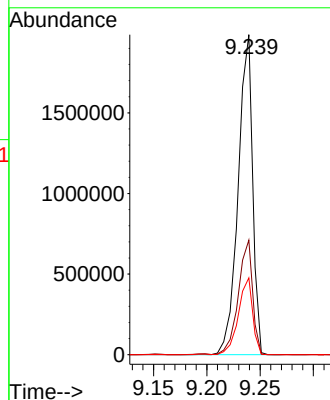
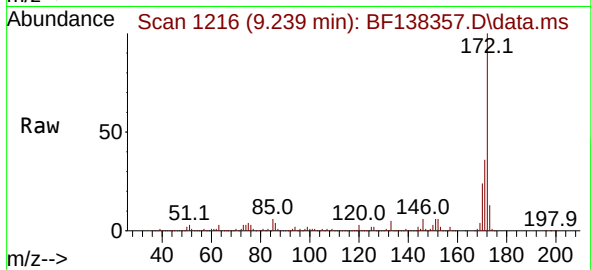
170 24.0 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#46

1,1'-Biphenyl

Concen: 42.045 ng

RT: 9.339 min Scan# 1233

Delta R.T. -0.012 min

Lab File: BF138357.D

Acq: 26 Jun 2024 17:58

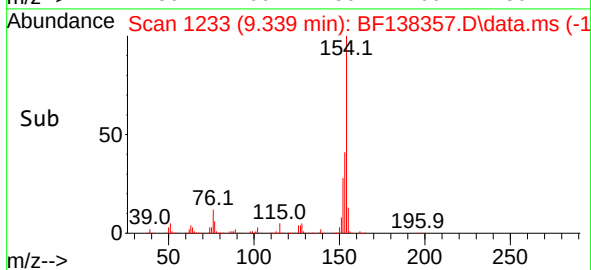
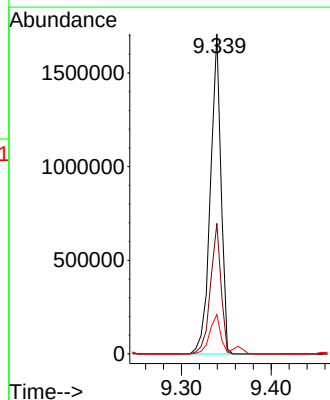
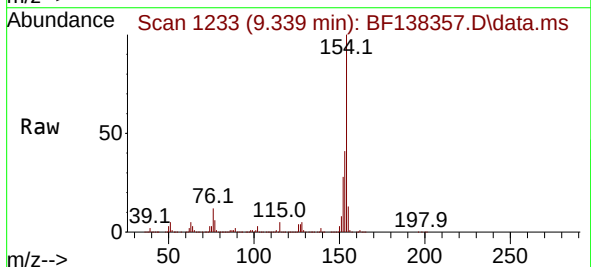
Tgt Ion:154 Resp: 1399208

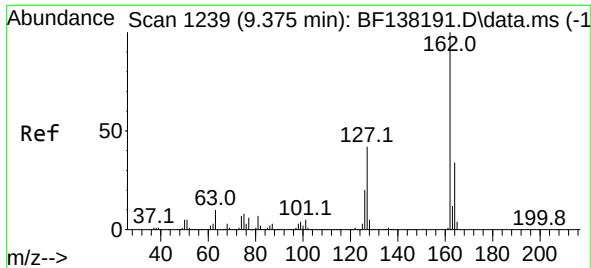
Ion Ratio Lower Upper

154 100

153 40.8 22.1 62.1

76 12.3 0.0 34.3





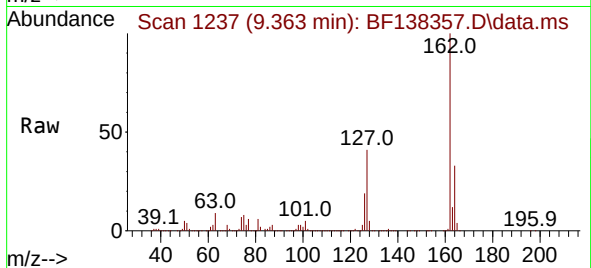
#47
2-Chloronaphthalene
Concen: 44.511 ng
RT: 9.363 min Scan# 117066
Delta R.T. -0.012 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD



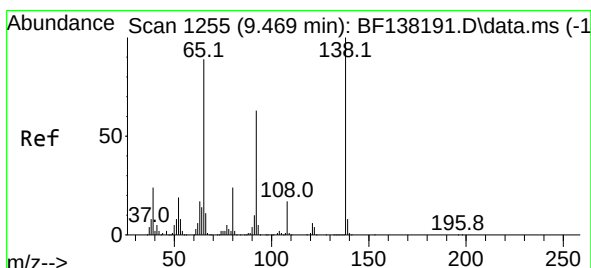
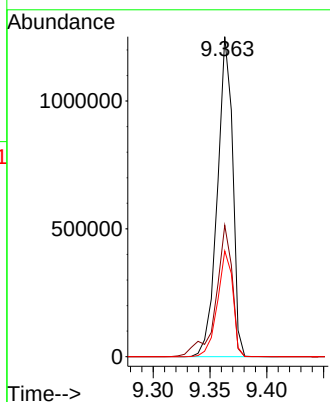
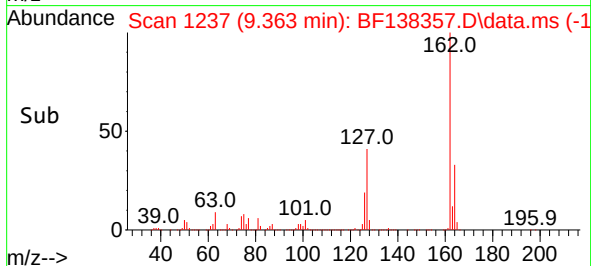
Tgt Ion:162 Resp: 117066
Ion Ratio Lower Upper
162 100
127 41.0 33.6 50.4
164 33.1 27.2 40.8

Manual Integrations

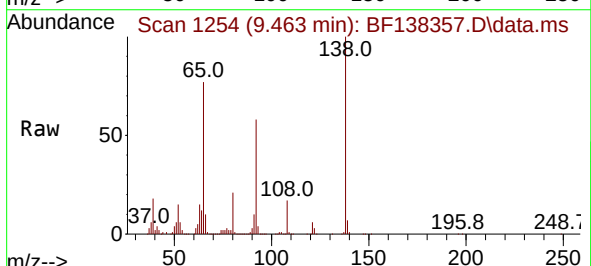
APPROVED

Reviewed By :Yogesh Patel 06/27/2024

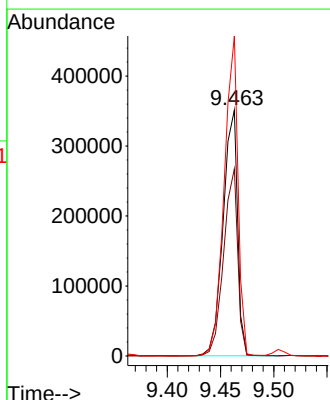
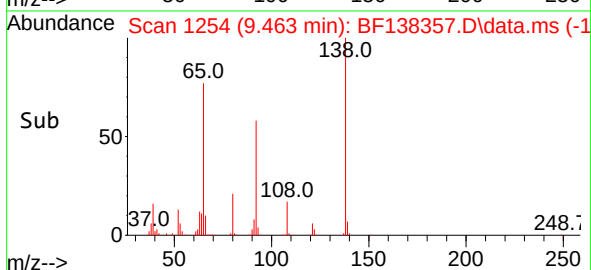
Supervised By :mohammad ahmed 06/27/2024

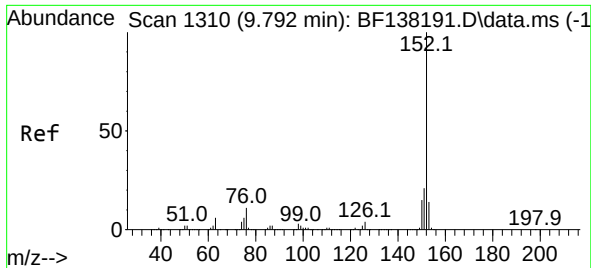


#48
2-Nitroaniline
Concen: 52.279 ng
RT: 9.463 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58



Tgt Ion: 65 Resp: 331133
Ion Ratio Lower Upper
65 100
92 76.1 56.6 85.0
138 130.1 90.1 135.1





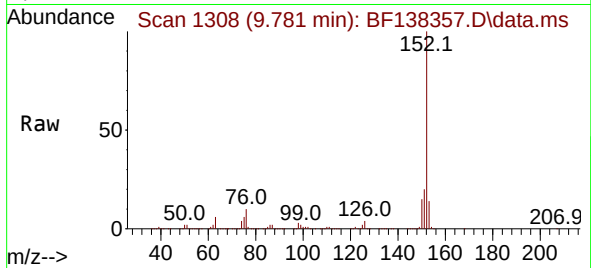
#49
Acenaphthylene
Concen: 48.729 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD



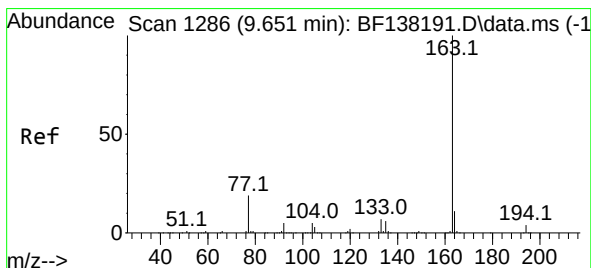
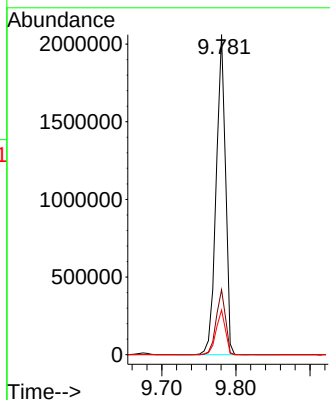
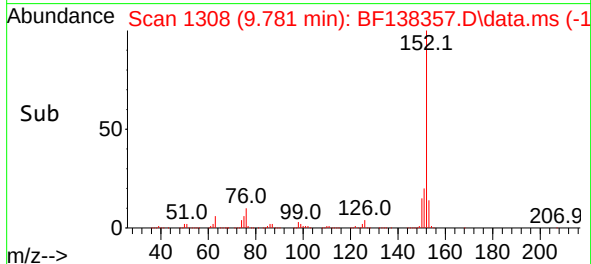
Tgt Ion:152 Resp: 179713
Ion Ratio Lower Upper
152 100
151 20.3 16.9 25.3
153 14.0 11.4 17.0

Manual Integrations

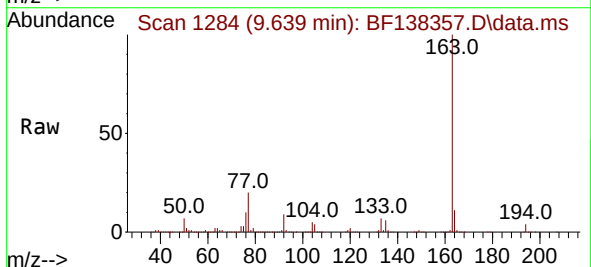
APPROVED

Reviewed By :Yogesh Patel 06/27/2024

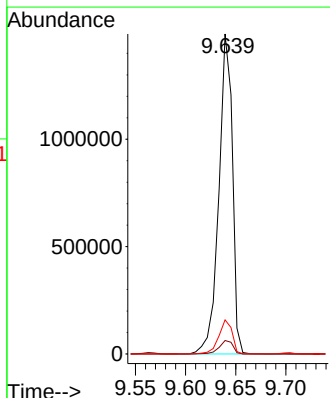
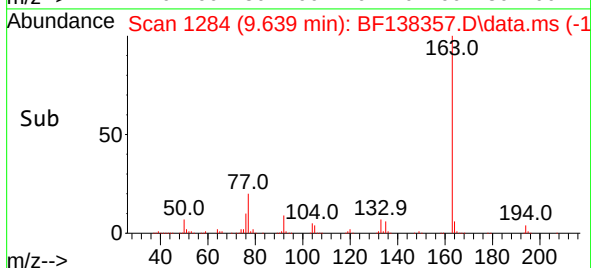
Supervised By :mohammad ahmed 06/27/2024

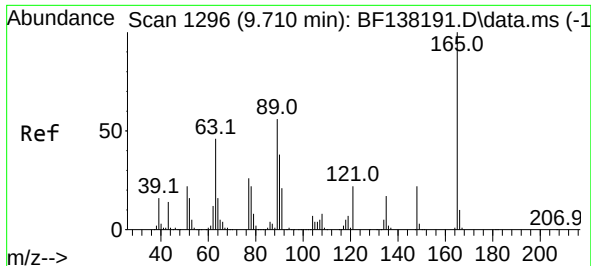


#50
Dimethylphthalate
Concen: 50.288 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58



Tgt Ion:163 Resp: 1397402
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.6 8.5 12.7





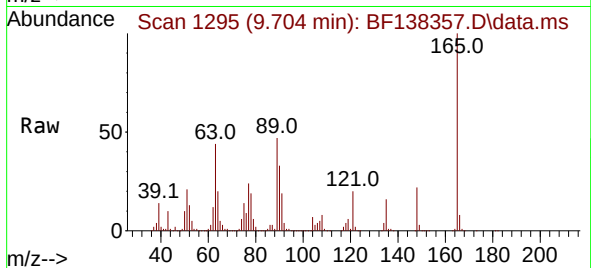
#51
2,6-Dinitrotoluene
Concen: 53.037 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD

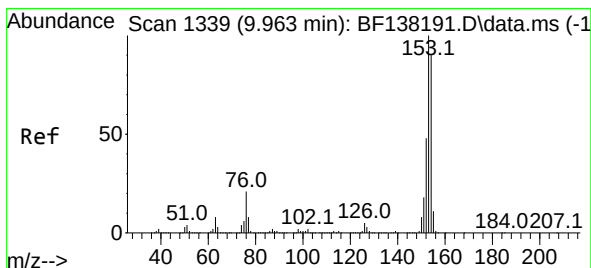
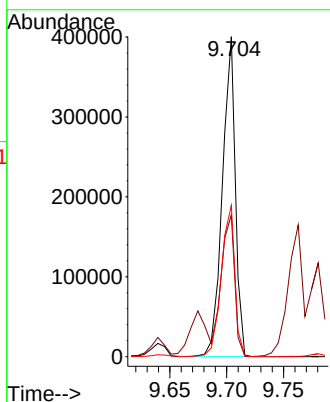
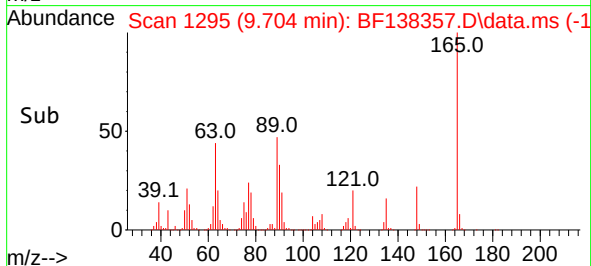


Tgt Ion:165 Resp: 319724
Ion Ratio Lower Upper
165 100
63 44.3 43.7 65.5
89 47.2 44.9 67.3

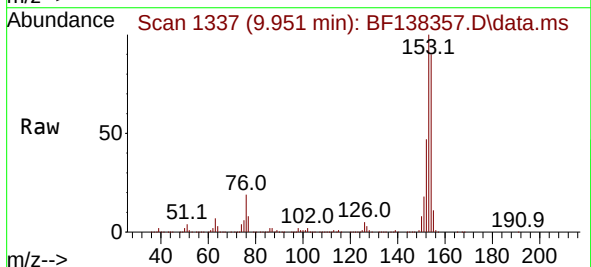
Manual Integrations

APPROVED

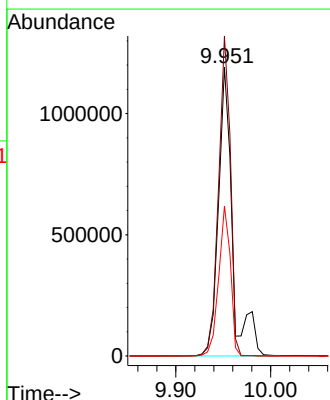
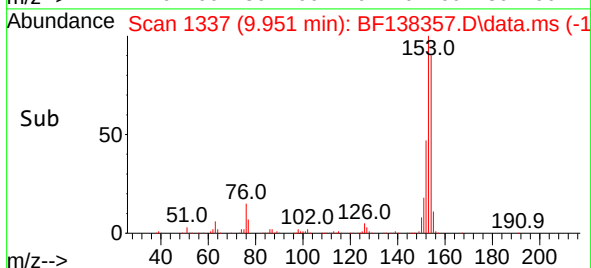
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

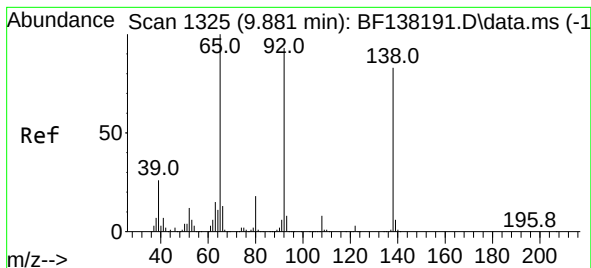


#52
Acenaphthene
Concen: 48.518 ng m
RT: 9.951 min Scan# 1337
Delta R.T. -0.012 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58



Tgt Ion:154 Resp: 1220146
Ion Ratio Lower Upper
154 100
153 110.9 89.1 133.7
152 52.0 42.4 63.6





#53
3-Nitroaniline
Concen: 30.332 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD

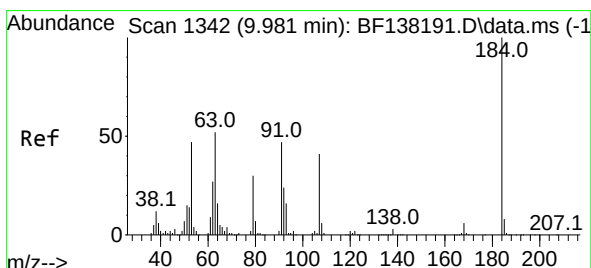
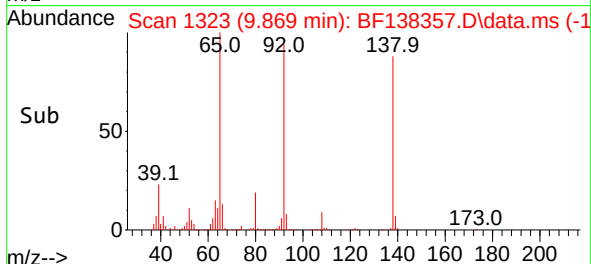
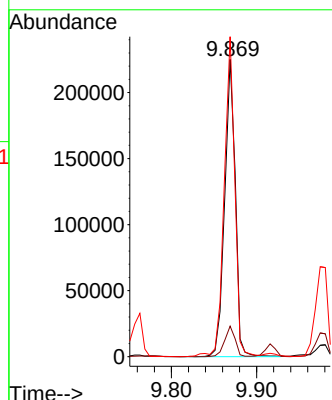
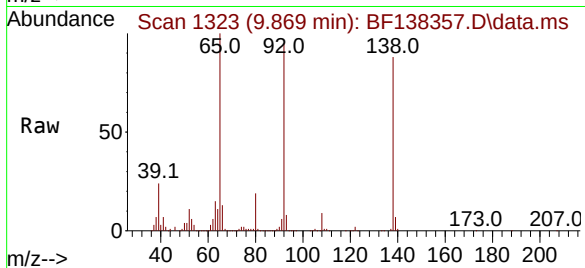
Tgt Ion:138 Resp: 19534
Ion Ratio Lower Upper
138 100
108 10.3 8.2 12.2
92 107.6 90.0 135.0

Manual Integrations

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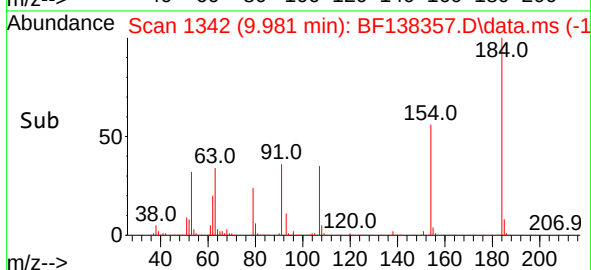
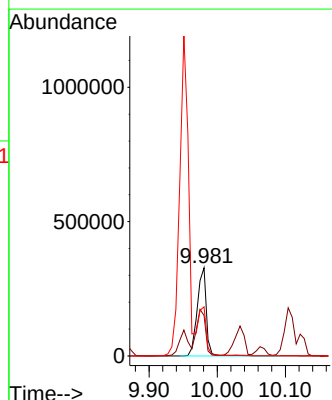
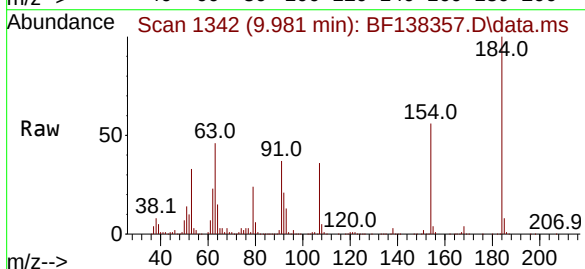
Reviewed By :Yogesh Patel 06/27/2024

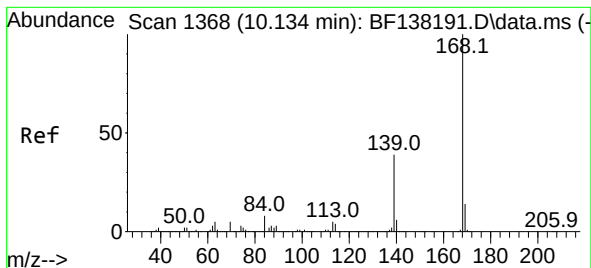
Supervised By :mohammad ahmed 06/27/2024



#54
2,4-Dinitrophenol
Concen: 94.015 ng
RT: 9.981 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

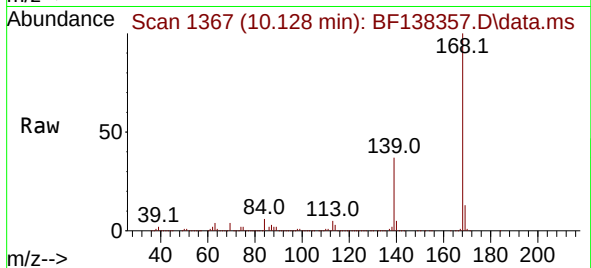
Tgt Ion:184 Resp: 307336
Ion Ratio Lower Upper
184 100
63 45.9 49.2 73.8#
154 55.8 46.7 70.1





#55
Dibenzenofuran
Concen: 45.321 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

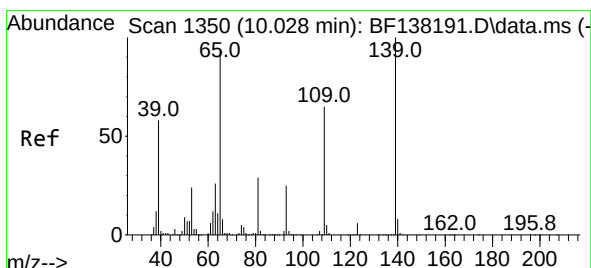
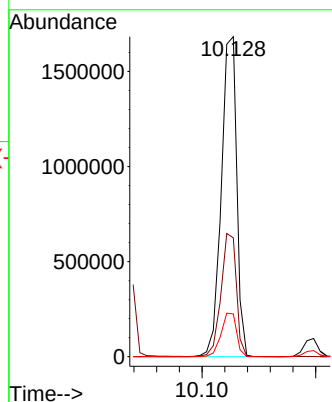
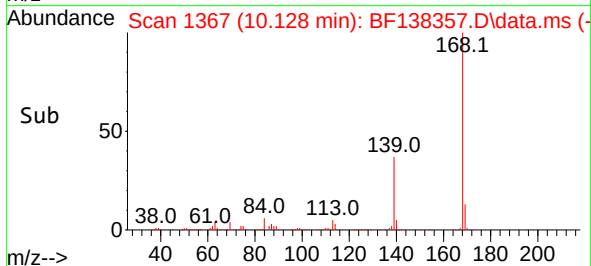
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MSD



Tgt Ion:168 Resp: 159329
Ion Ratio Lower Upper
168 100
139 37.1 31.0 46.4
169 13.4 11.4 17.0

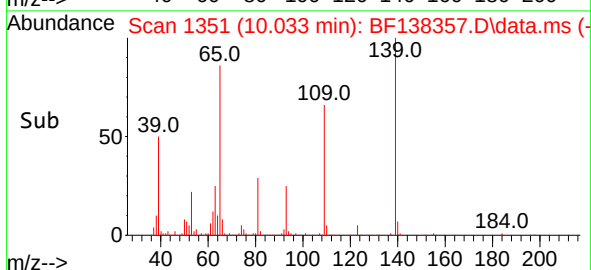
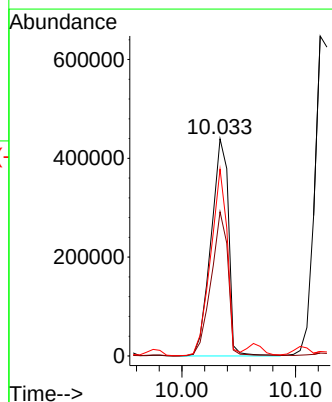
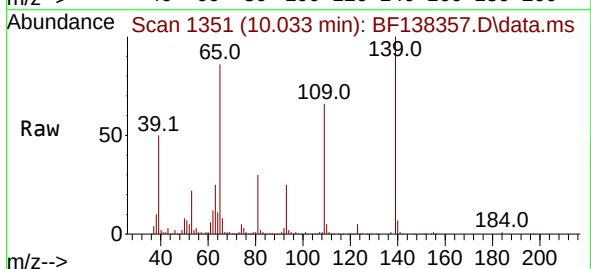
Manual Integrations
APPROVED

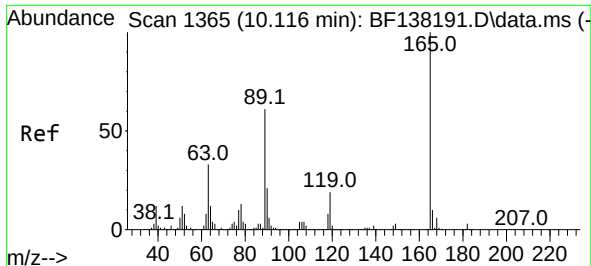
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#56
4-Nitrophenol
Concen: 92.484 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.006 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

Tgt Ion:139 Resp: 470670
Ion Ratio Lower Upper
139 100
109 66.4 44.6 84.6
65 86.0 73.1 113.1





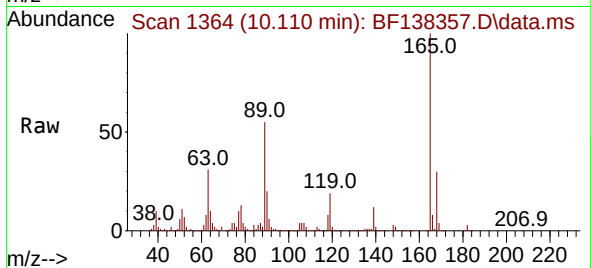
#57
2,4-Dinitrotoluene
Concen: 57.248 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD



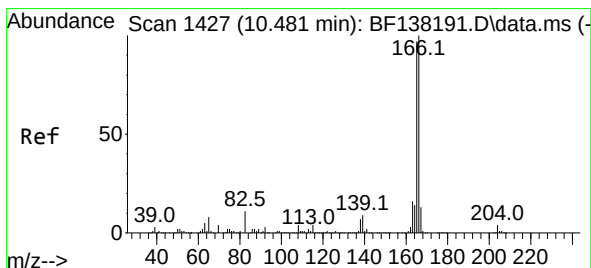
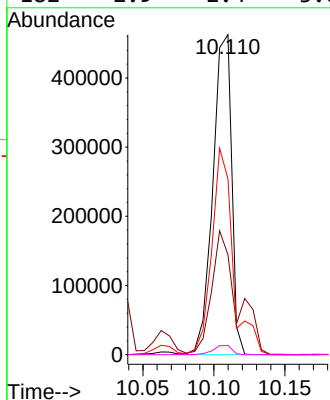
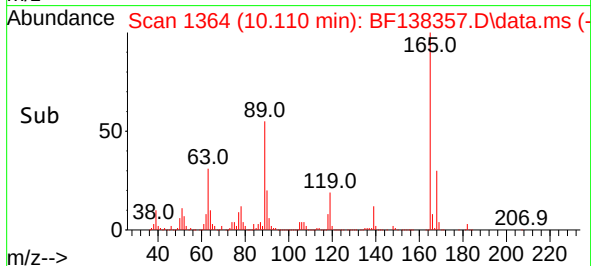
Tgt Ion:165 Resp: 425662
Ion Ratio Lower Upper
165 100
63 31.2 26.6 39.8
89 54.9 48.7 73.1
182 2.9 2.4 3.6

Manual Integrations

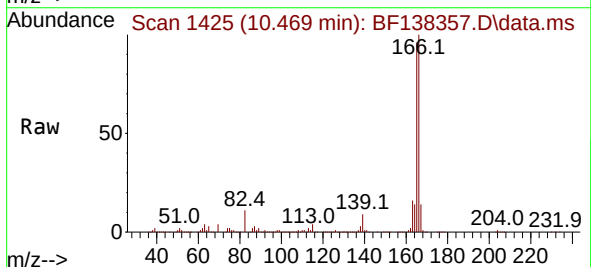
APPROVED

Reviewed By :Yogesh Patel 06/27/2024

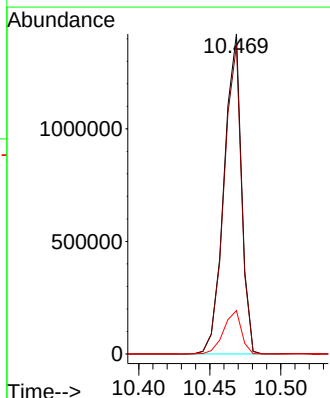
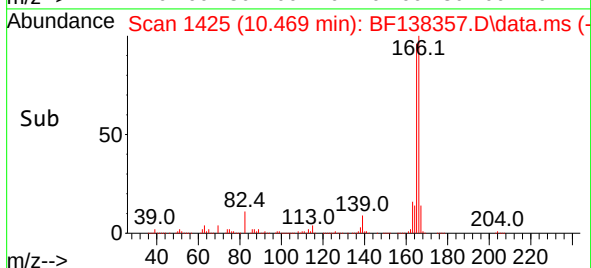
Supervised By :mohammad ahmed 06/27/2024

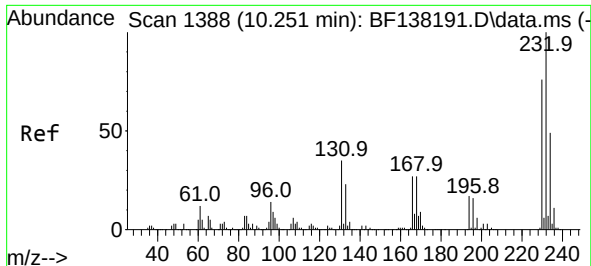


#58
Fluorene
Concen: 43.752 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.012 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58



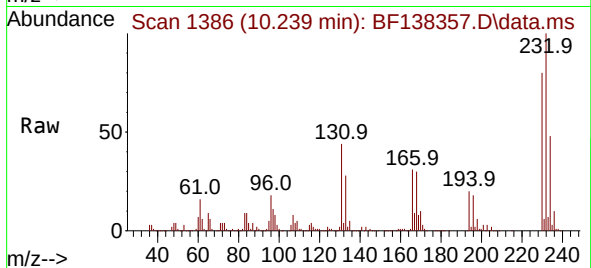
Tgt Ion:166 Resp: 1209356
Ion Ratio Lower Upper
166 100
165 96.5 77.9 116.9
167 13.6 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.113 ng
RT: 10.239 min Scan# 1386
Delta R.T. -0.012 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

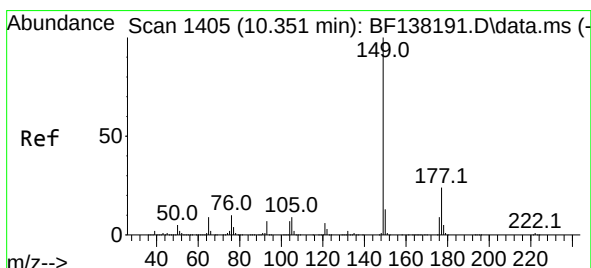
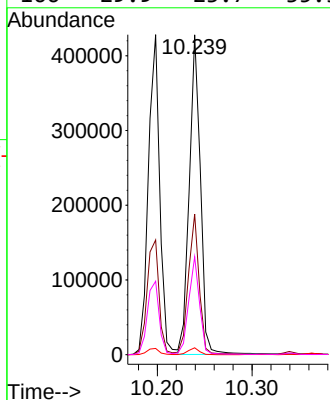
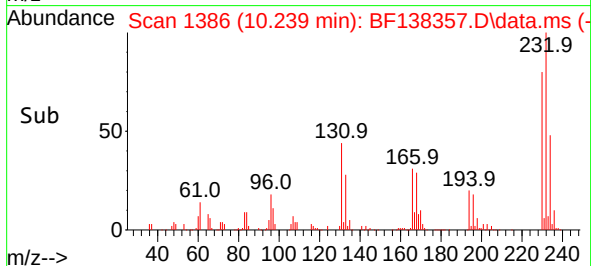
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MSD



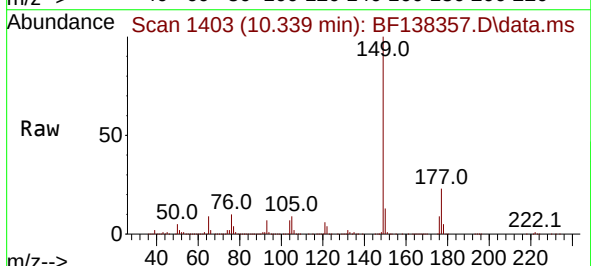
Tgt Ion:232 Resp: 34978
Ion Ratio Lower Upper
232 100
131 42.8 33.6 50.4
130 2.1 1.7 2.5
166 29.9 23.7 35.5

Manual Integrations
APPROVED

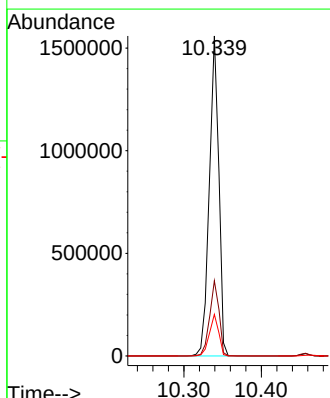
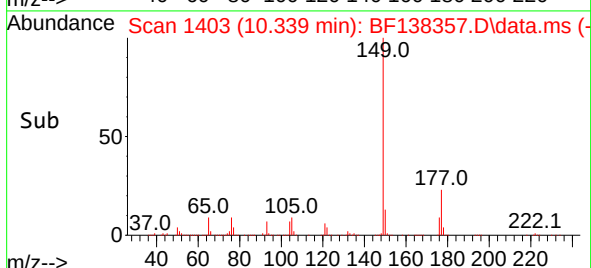
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

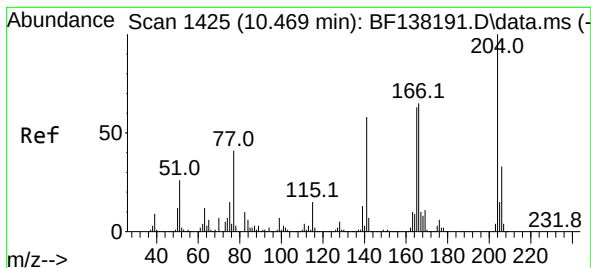


#60
Diethylphthalate
Concen: 50.096 ng
RT: 10.339 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58



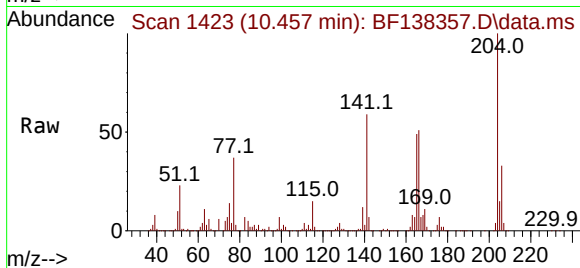
Tgt Ion:149 Resp: 1321200
Ion Ratio Lower Upper
149 100
177 23.5 19.4 29.0
150 13.0 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 45.756 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.012 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

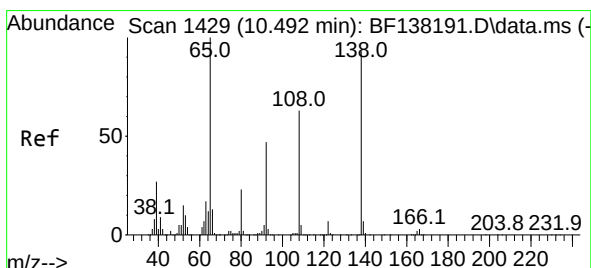
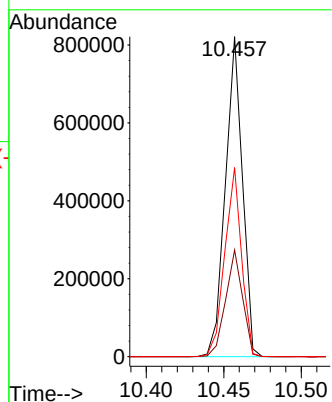
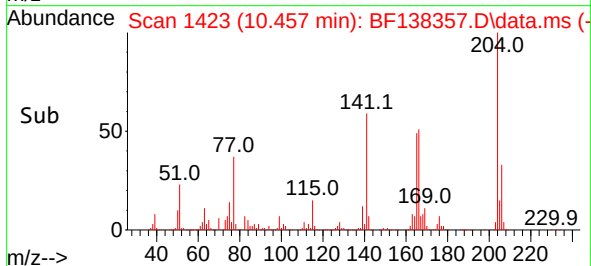
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MSD



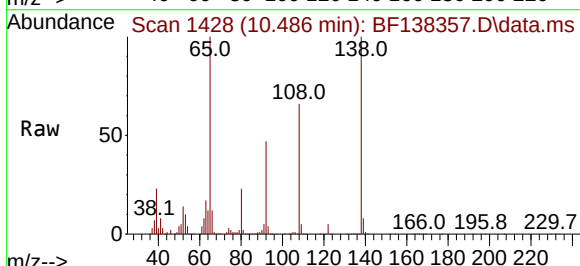
Tgt Ion:204 Resp: 62989
Ion Ratio Lower Upper
204 100
206 33.4 26.6 39.8
141 59.1 46.3 69.5

Manual Integrations
APPROVED

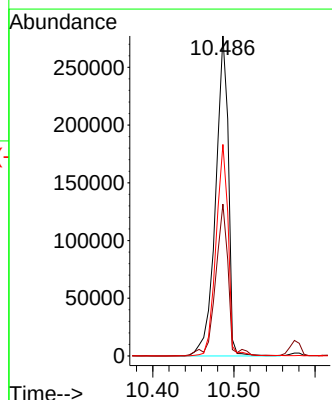
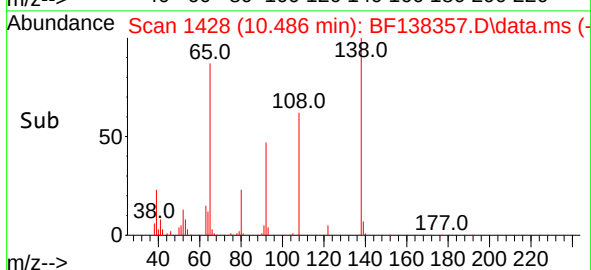
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

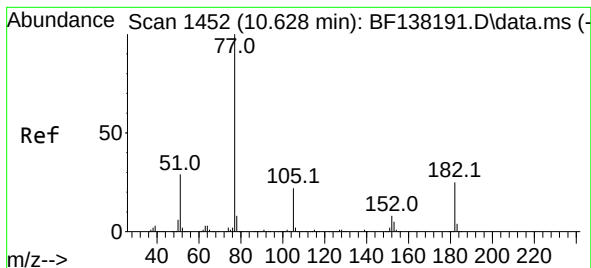


#62
4-Nitroaniline
Concen: 46.938 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58



Tgt Ion:138 Resp: 302019
Ion Ratio Lower Upper
138 100
92 47.5 30.9 70.9
108 66.1 47.8 87.8





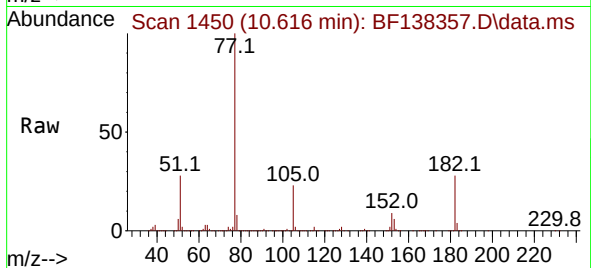
#63
Azobenzene
Concen: 45.156 ng
RT: 10.616 min Scan# 1452
Delta R.T. -0.012 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD



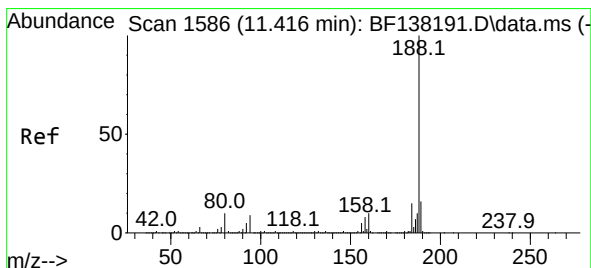
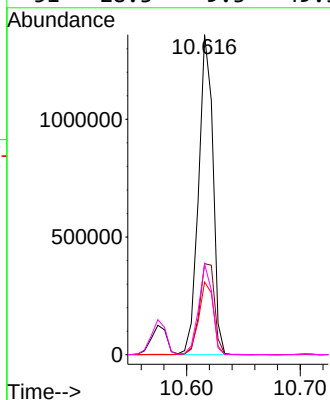
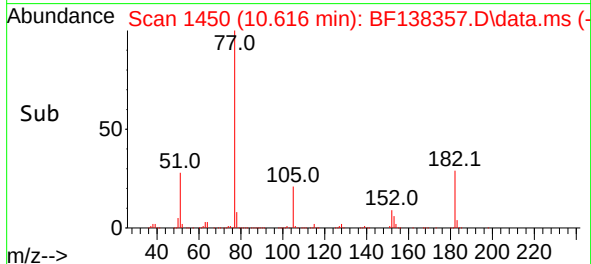
Tgt Ion: 77 Resp: 1193100
Ion Ratio Lower Upper
77 100
182 28.5 5.5 45.5
105 22.7 1.8 41.8
51 28.3 9.3 49.3

Manual Integrations

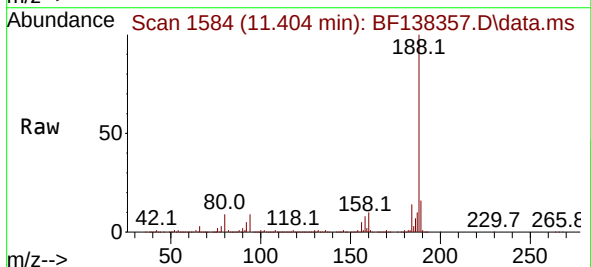
APPROVED

Reviewed By :Yogesh Patel 06/27/2024

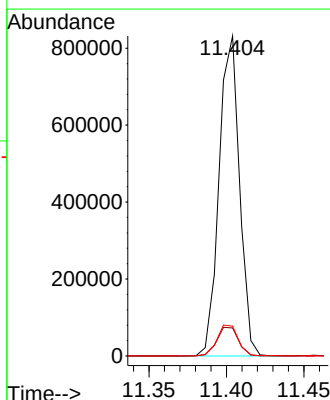
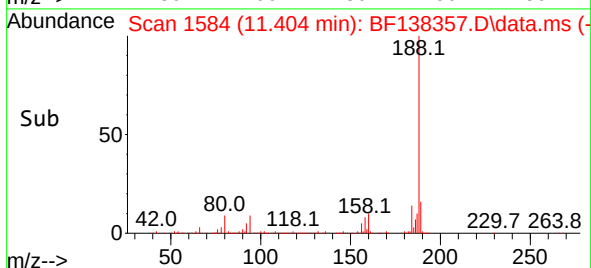
Supervised By :mohammad ahmed 06/27/2024

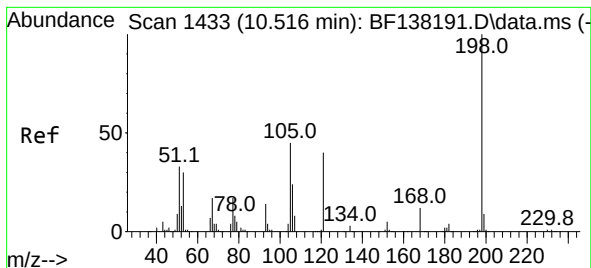


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58



Tgt Ion:188 Resp: 763863
Ion Ratio Lower Upper
188 100
94 8.7 7.6 11.4
80 9.3 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 55.677 ng
RT: 10.510 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

Instrument :

BNA_F

ClientSampleId :

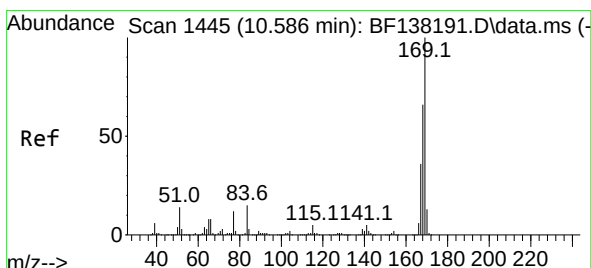
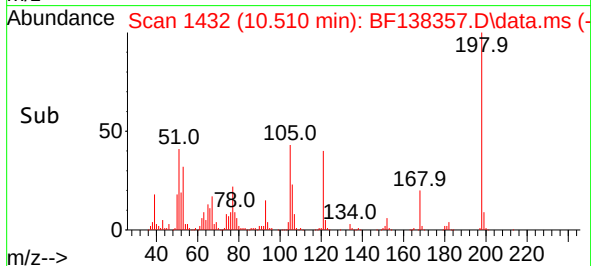
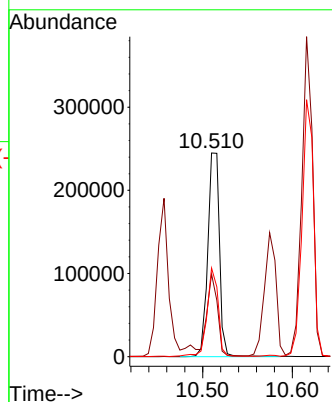
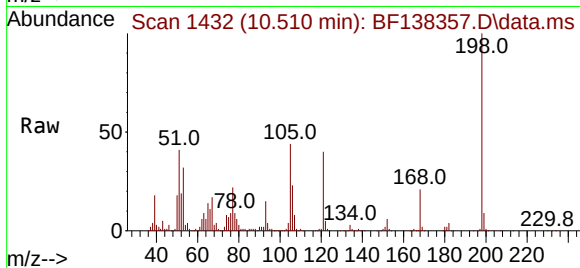
WC-NORTH-1MSD

Tgt Ion:198 Resp: 221759
Ion Ratio Lower Upper
198 100
51 40.5 26.9 66.9
105 43.5 26.0 66.0

Manual Integrations

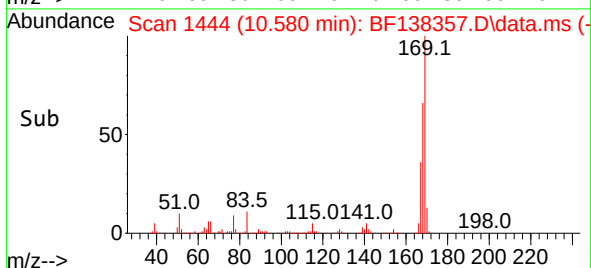
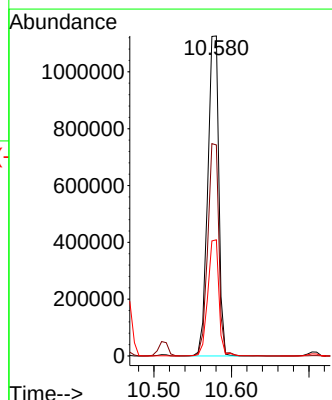
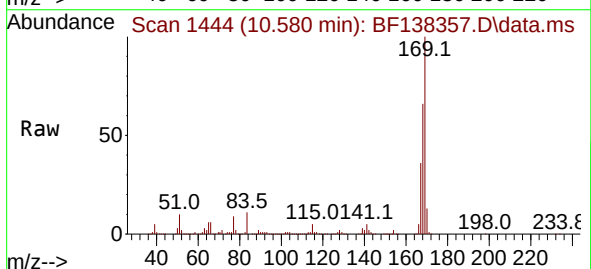
APPROVED

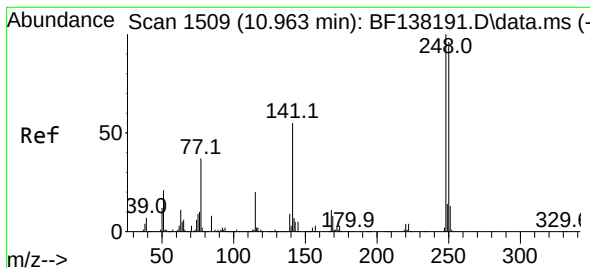
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#66
n-Nitrosodiphenylamine
Concen: 47.525 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

Tgt Ion:169 Resp: 1111406
Ion Ratio Lower Upper
169 100
168 66.0 52.9 79.3
167 36.3 29.0 43.6





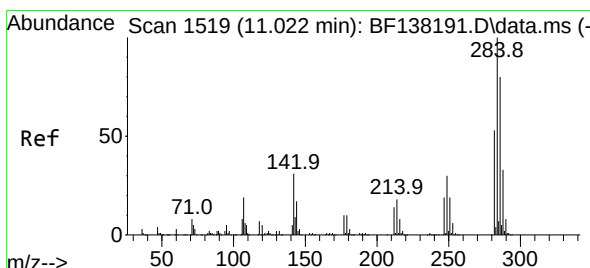
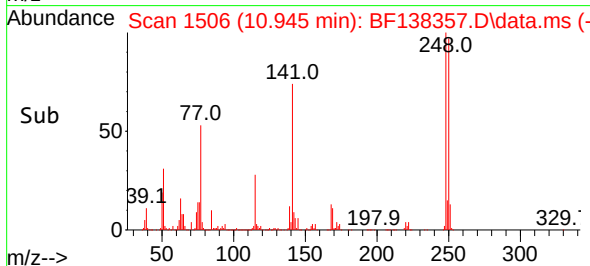
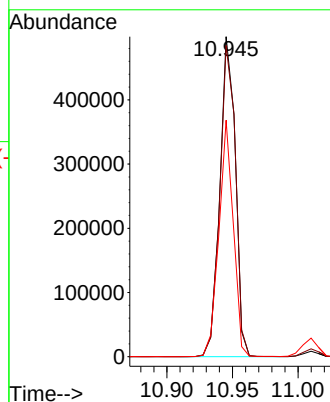
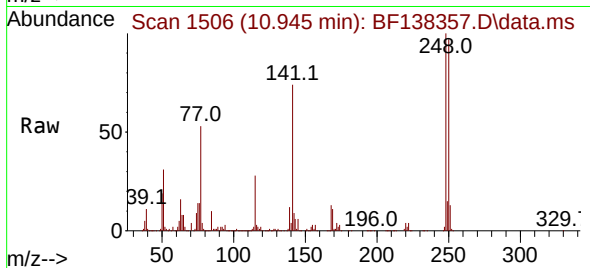
#67
4-Bromophenyl-phenylether
Concen: 47.409 ng
RT: 10.945 min Scan# 1506
Delta R.T. -0.018 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MSD

Tgt Ion:248 Resp: 408060
Ion Ratio Lower Upper
248 100
250 97.2 77.2 115.8
141 73.9 44.1 66.1

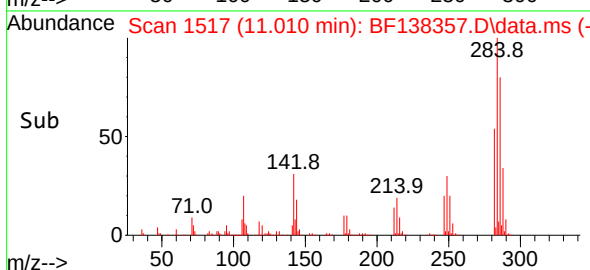
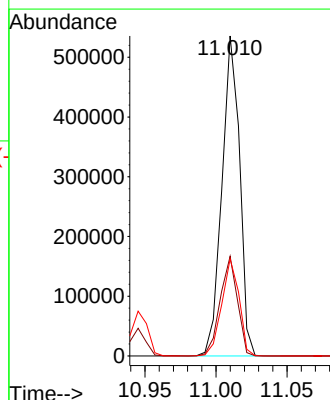
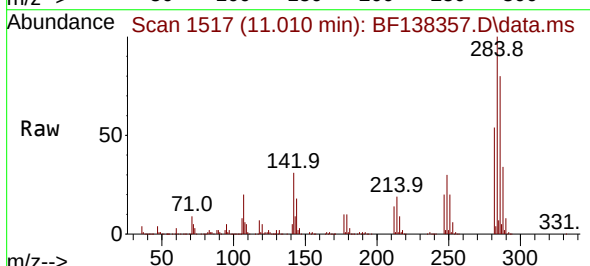
Manual Integrations
APPROVED

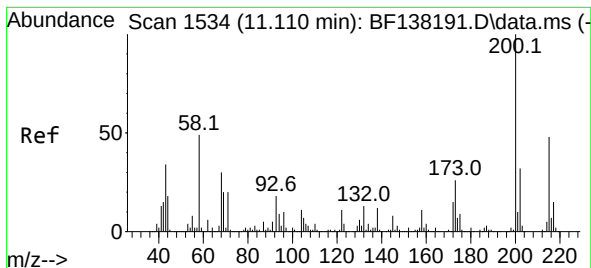
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#68
Hexachlorobenzene
Concen: 46.069 ng
RT: 11.010 min Scan# 1517
Delta R.T. -0.012 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

Tgt Ion:284 Resp: 462752
Ion Ratio Lower Upper
284 100
142 31.1 24.8 37.2
249 30.4 23.8 35.6





#69

Atrazine

Concen: 51.928 ng

RT: 11.104 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138357.D

Acq: 26 Jun 2024 17:58

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD

Tgt Ion:200 Resp: 345892

Ion Ratio Lower Upper

200 100

173 26.2 6.3 46.3

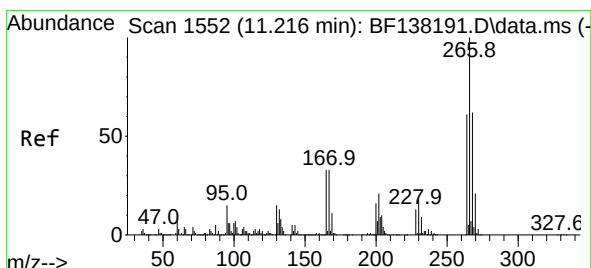
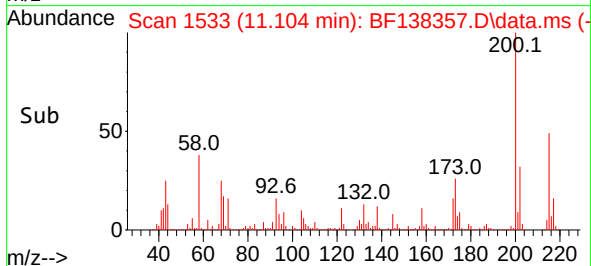
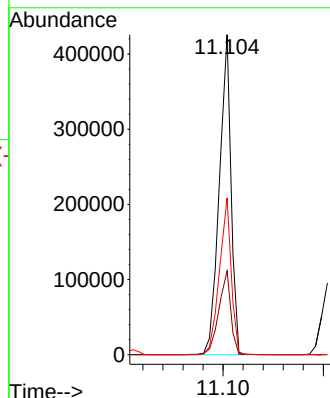
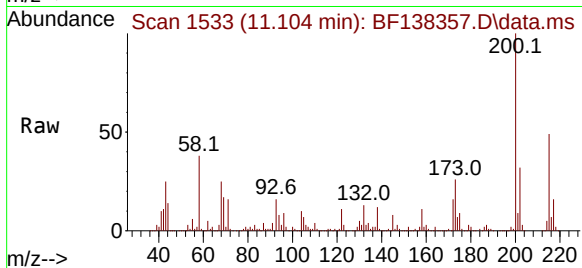
215 49.0 28.0 68.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#70

Pentachlorophenol

Concen: 83.354 ng

RT: 11.204 min Scan# 1550

Delta R.T. -0.012 min

Lab File: BF138357.D

Acq: 26 Jun 2024 17:58

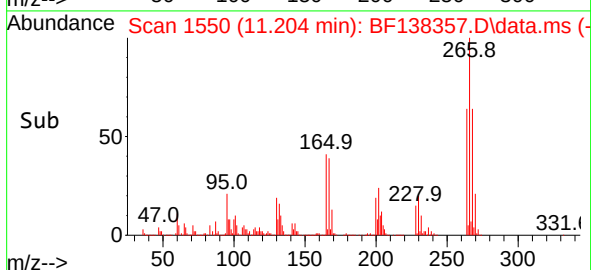
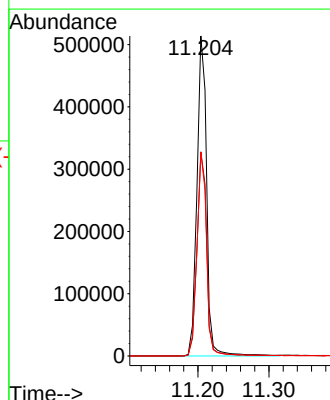
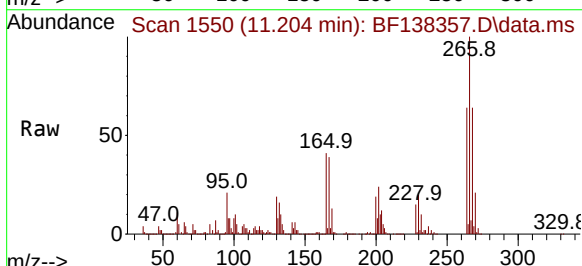
Tgt Ion:266 Resp: 488309

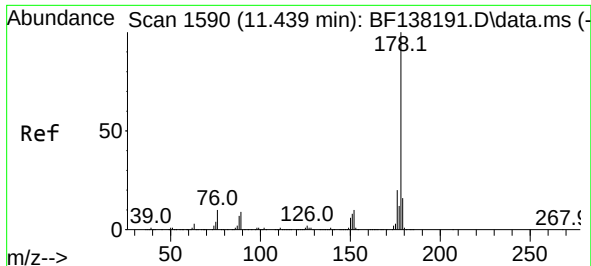
Ion Ratio Lower Upper

266 100

268 63.8 49.5 74.3

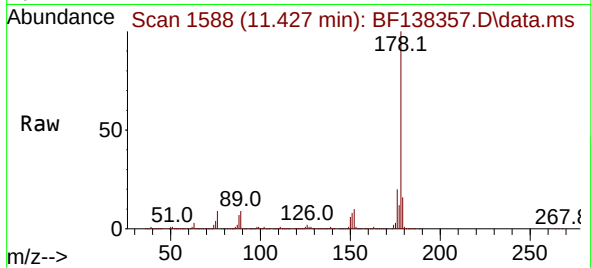
264 63.8 49.2 73.8





#71
Phenanthrene
Concen: 45.687 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.012 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

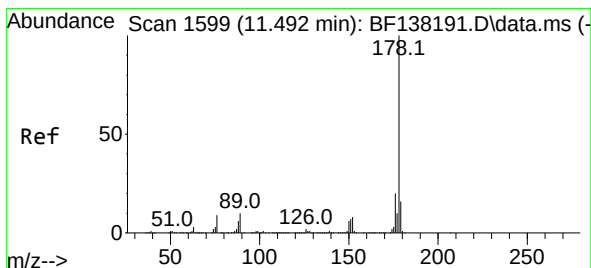
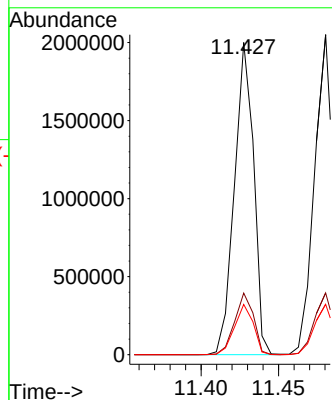
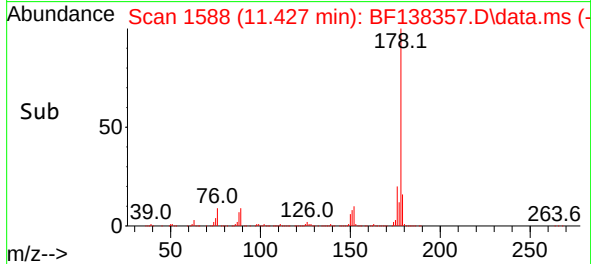
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MSD



Tgt Ion:178 Resp: 172586
Ion Ratio Lower Upper
178 100
176 19.7 16.4 24.6
179 16.1 13.1 19.7

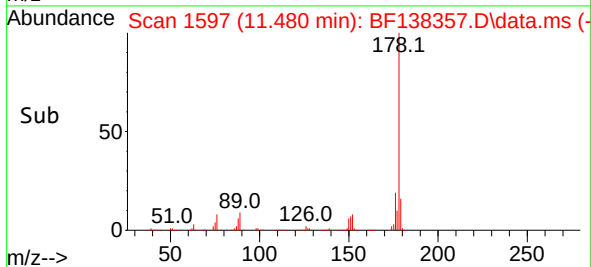
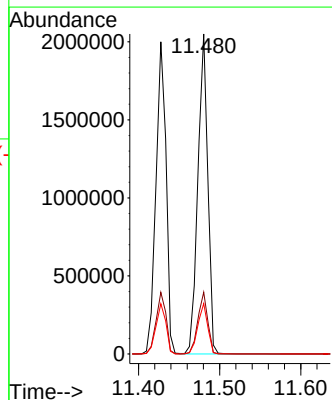
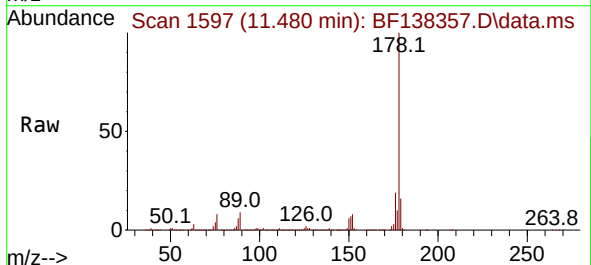
Manual Integrations
APPROVED

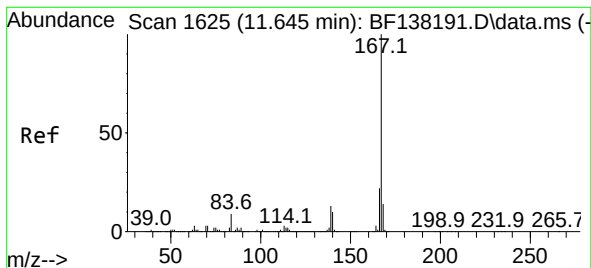
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#72
Anthracene
Concen: 46.746 ng
RT: 11.480 min Scan# 1597
Delta R.T. -0.012 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

Tgt Ion:178 Resp: 1753255
Ion Ratio Lower Upper
178 100
176 19.3 15.7 23.5
179 15.8 13.0 19.6





#73

Carbazole

Concen: 43.123 ng

RT: 11.633 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138357.D

Acq: 26 Jun 2024 17:58

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD

Tgt Ion:167 Resp: 148344

Ion Ratio Lower Upper

167 100

166 21.9 18.0 27.0

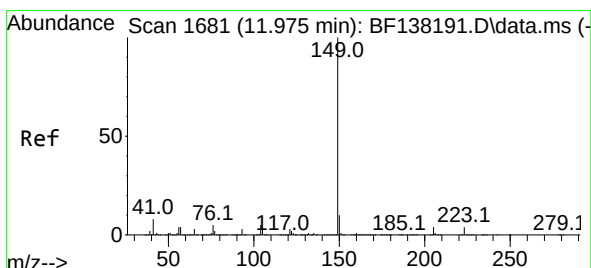
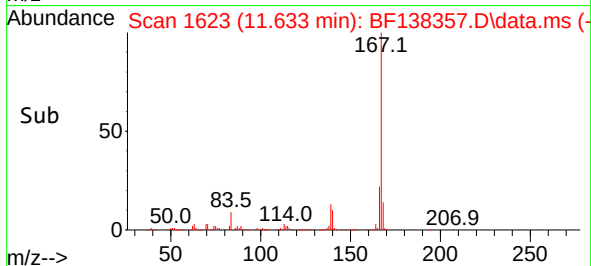
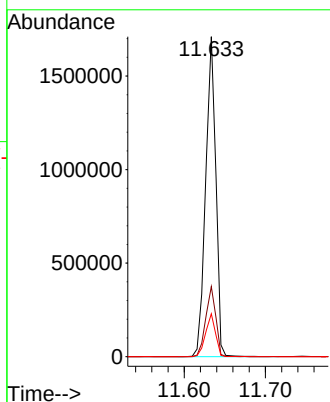
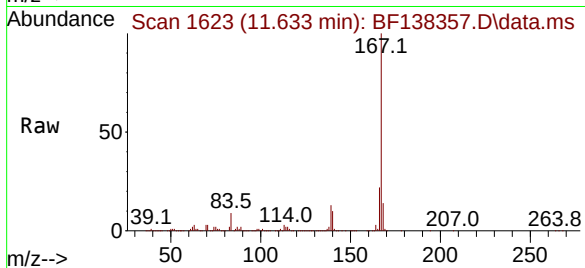
139 13.4 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#74

Di-n-butylphthalate

Concen: 53.744 ng

RT: 11.963 min Scan# 1679

Delta R.T. -0.012 min

Lab File: BF138357.D

Acq: 26 Jun 2024 17:58

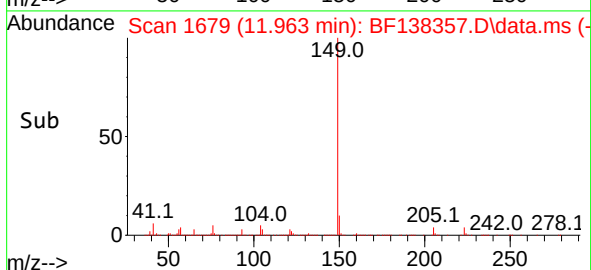
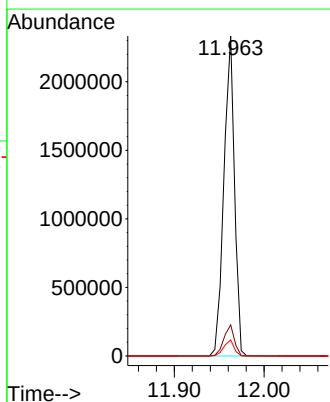
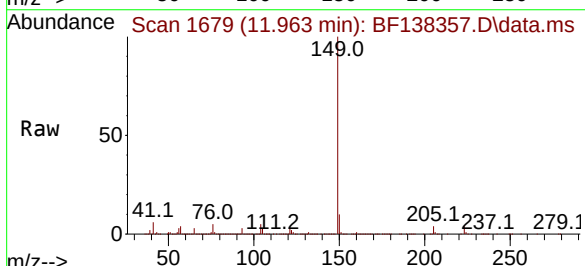
Tgt Ion:149 Resp: 1913964

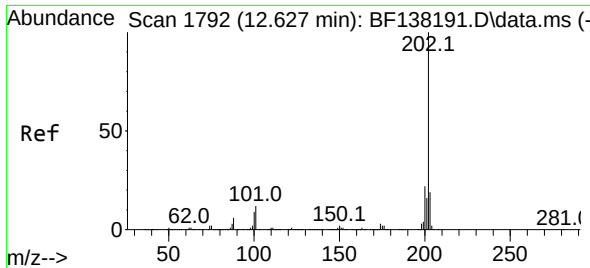
Ion Ratio Lower Upper

149 100

150 9.7 8.2 12.2

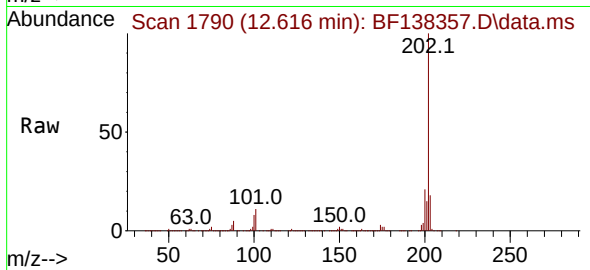
104 5.0 4.1 6.1





#75
Fluoranthene
Concen: 41.398 ng
RT: 12.616 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

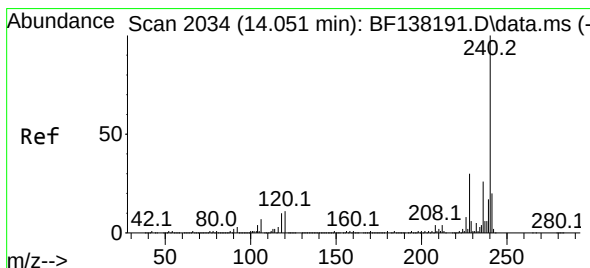
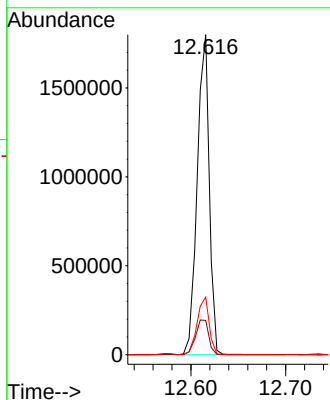
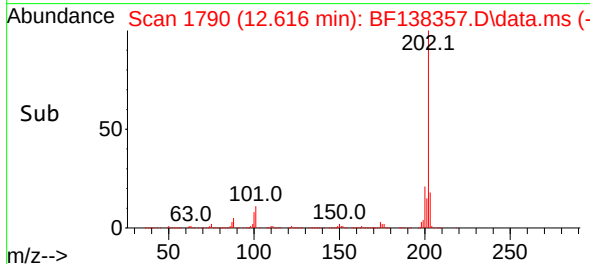
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1MSD



Tgt Ion:202 Resp: 1594690
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.8
203 18.0 0.0 38.6

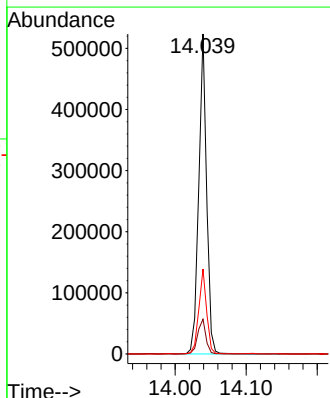
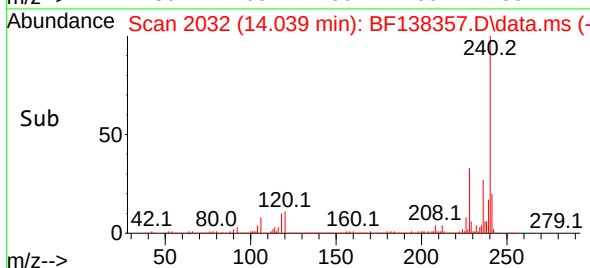
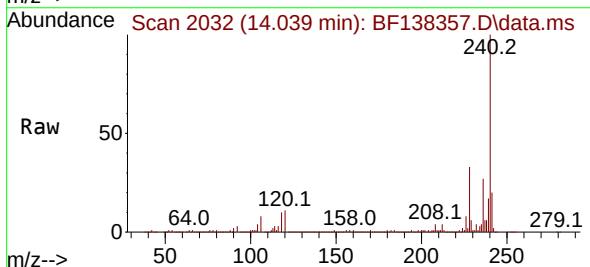
Manual Integrations
APPROVED

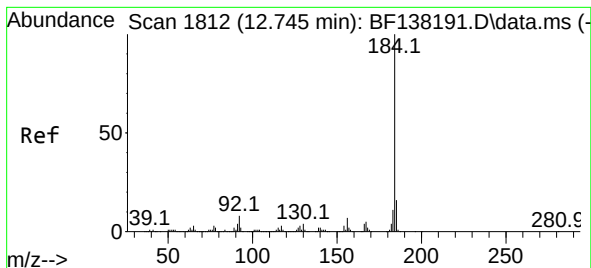
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

Tgt Ion:240 Resp: 404189
Ion Ratio Lower Upper
240 100
120 10.8 9.2 13.8
236 26.5 21.0 31.6





#77

Benzidine

Concen: 100.149 ng

RT: 12.733 min Scan# 1810

Delta R.T. -0.012 min

Lab File: BF138357.D

Acq: 26 Jun 2024 17:58

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD

Tgt Ion:184 Resp: 46821

Ion Ratio Lower Upper

184 100

185 14.8 12.6 19.0

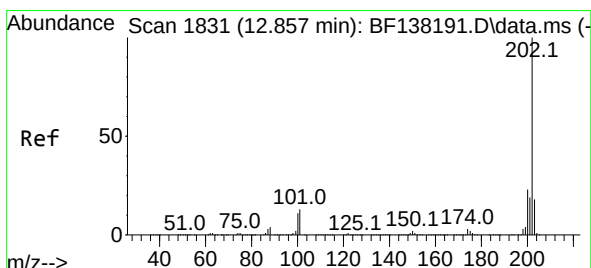
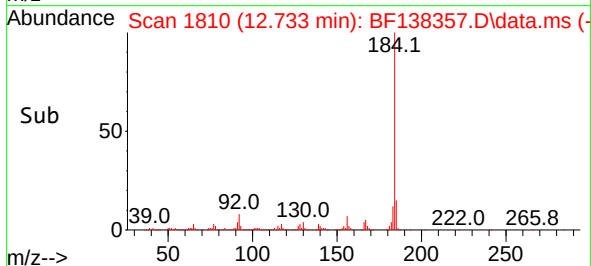
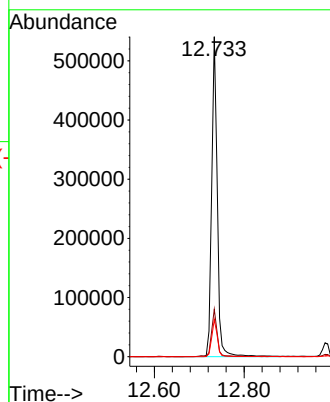
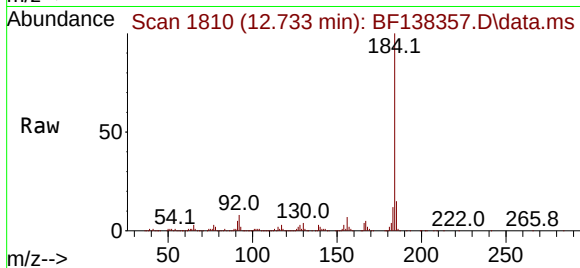
183 11.6 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#78

Pyrene

Concen: 45.764 ng

RT: 12.845 min Scan# 1829

Delta R.T. -0.012 min

Lab File: BF138357.D

Acq: 26 Jun 2024 17:58

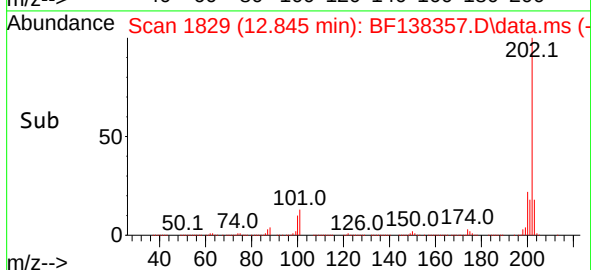
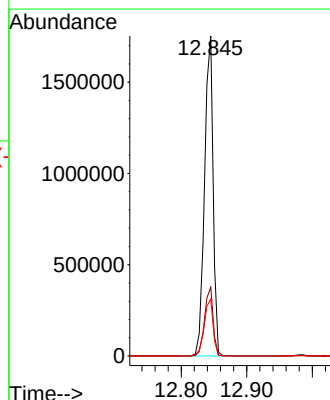
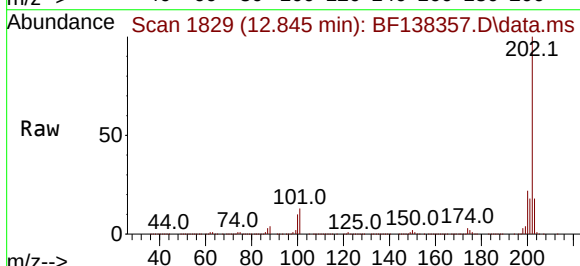
Tgt Ion:202 Resp: 1595490

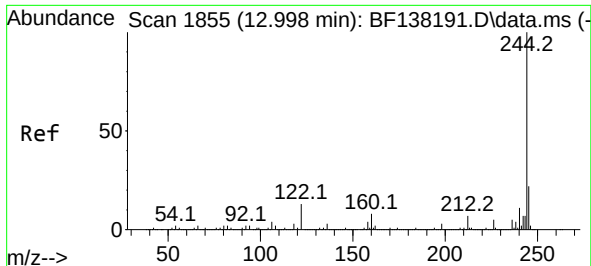
Ion Ratio Lower Upper

202 100

200 21.5 18.0 27.0

203 17.8 14.7 22.1





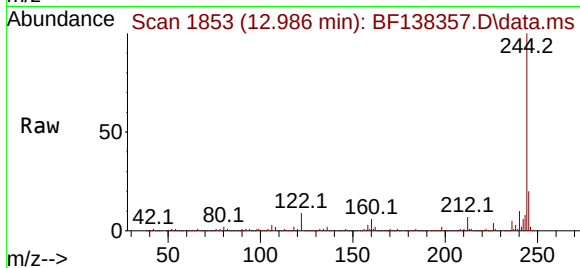
#79
 Terphenyl-d14
 Concen: 67.632 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.012 min
 Lab File: BF138357.D
 Acq: 26 Jun 2024 17:58

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD



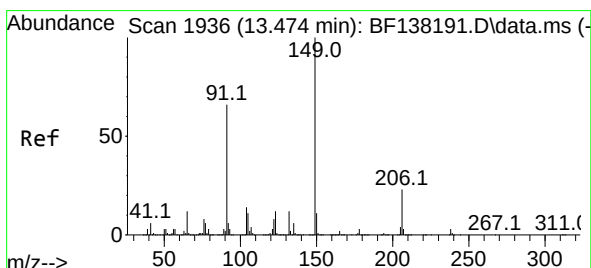
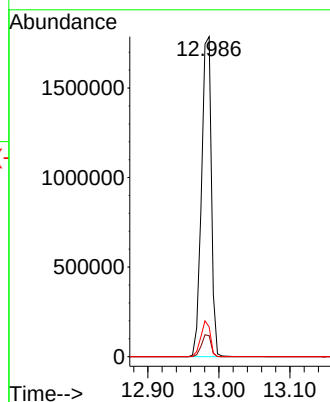
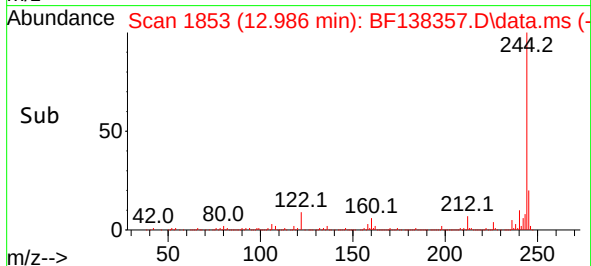
Tgt Ion:244 Resp: 172594
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.9 8.9
 122 9.3 10.6 15.8

Manual Integrations

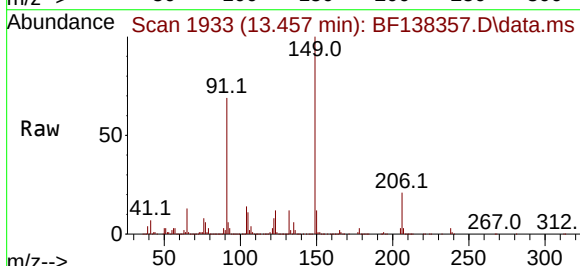
APPROVED

Reviewed By :Yogesh Patel 06/27/2024

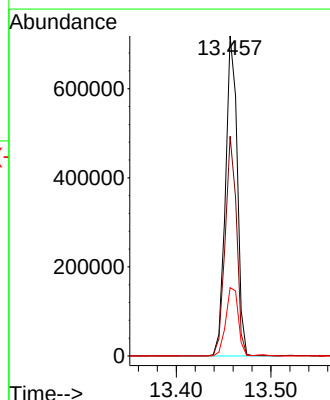
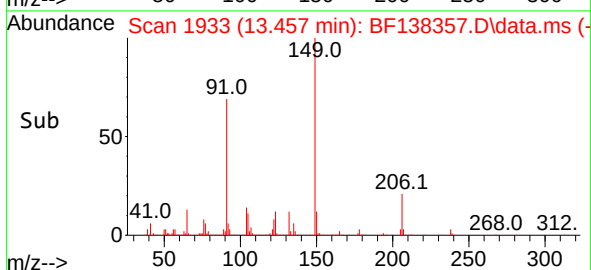
Supervised By :mohammad ahmed 06/27/2024

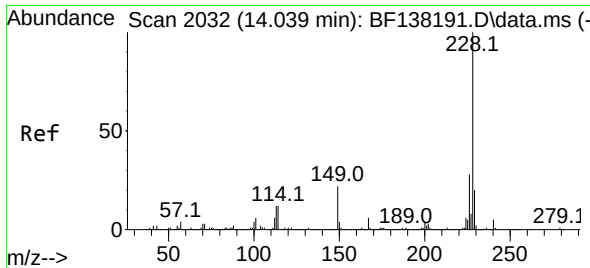


#80
 Butylbenzylphthalate
 Concen: 65.783 ng
 RT: 13.457 min Scan# 1933
 Delta R.T. -0.018 min
 Lab File: BF138357.D
 Acq: 26 Jun 2024 17:58



Tgt Ion:149 Resp: 623833
 Ion Ratio Lower Upper
 149 100
 91 68.7 53.2 79.8
 206 21.4 18.6 27.8





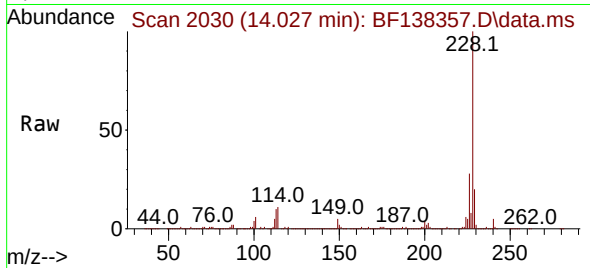
#81
Benzo(a)anthracene
Concen: 48.415 ng
RT: 14.027 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD

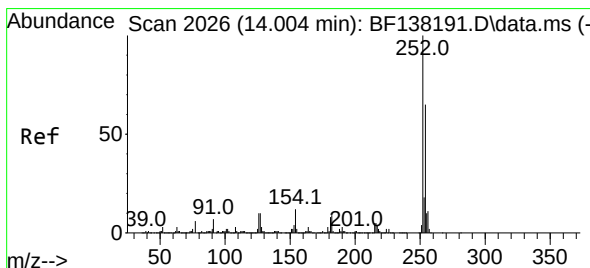
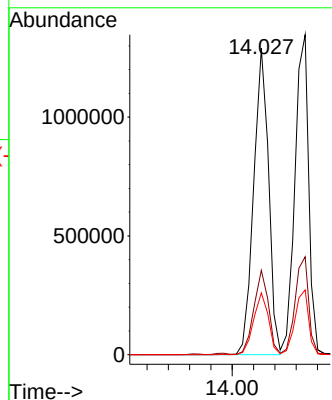
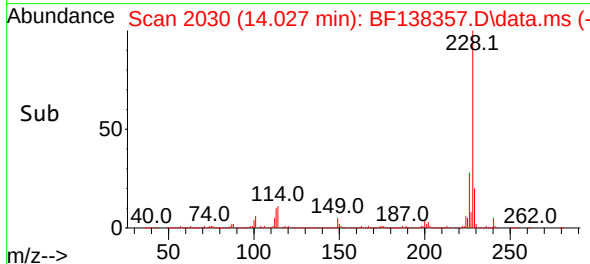


Tgt Ion:228 Resp: 1255430
Ion Ratio Lower Upper
228 100
226 27.5 22.5 33.7
229 20.1 16.3 24.5

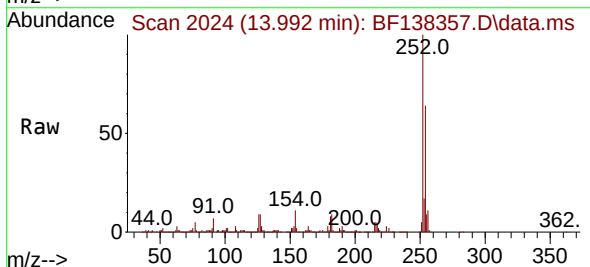
Manual Integrations

APPROVED

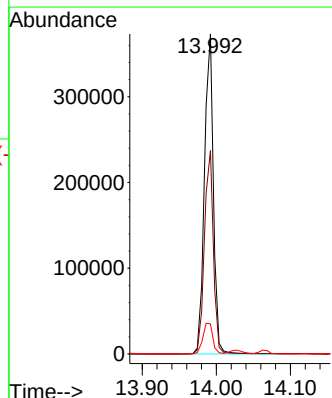
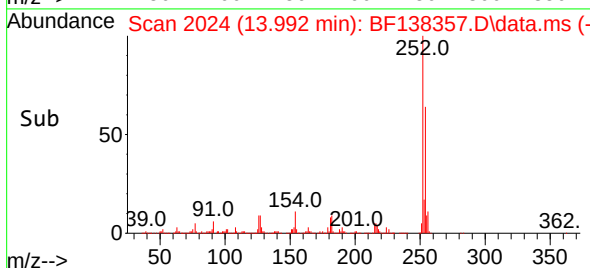
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024

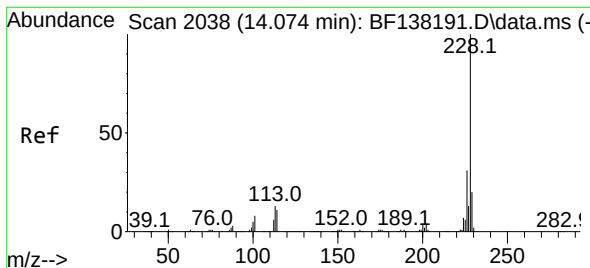


#82
3,3'-Dichlorobenzidine
Concen: 43.893 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.012 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58



Tgt Ion:252 Resp: 313429
Ion Ratio Lower Upper
252 100
254 63.5 51.8 77.6
126 9.4 8.3 12.5





#83

Chrysene

Concen: 49.290 ng

RT: 14.068 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF138357.D

Acq: 26 Jun 2024 17:58

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD

Tgt Ion:228 Resp: 1218284

Ion Ratio Lower Upper

228 100

226 30.6 24.5 36.7

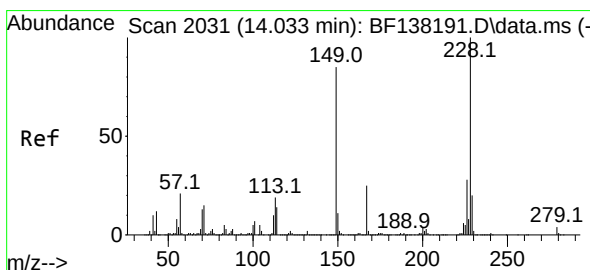
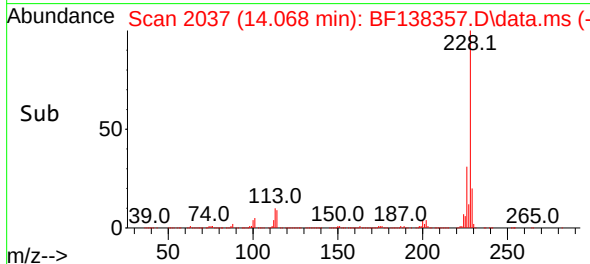
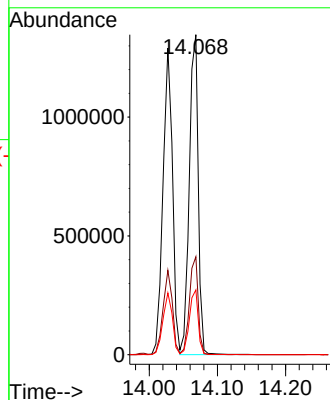
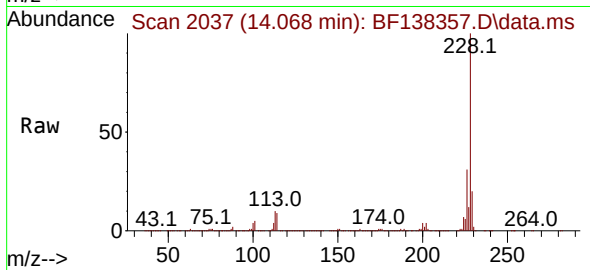
229 20.2 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 73.299 ng

RT: 14.016 min Scan# 2028

Delta R.T. -0.017 min

Lab File: BF138357.D

Acq: 26 Jun 2024 17:58

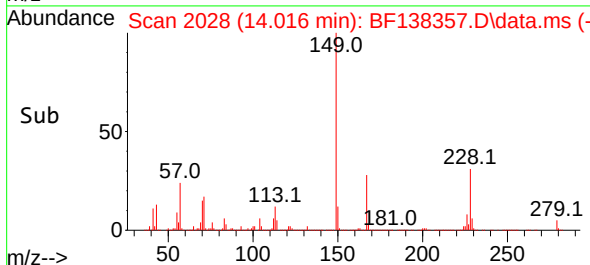
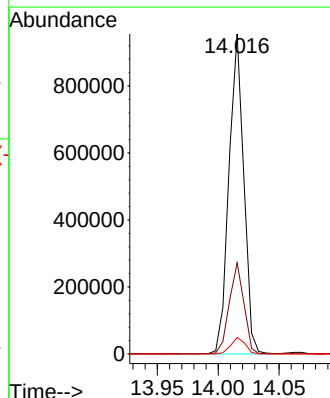
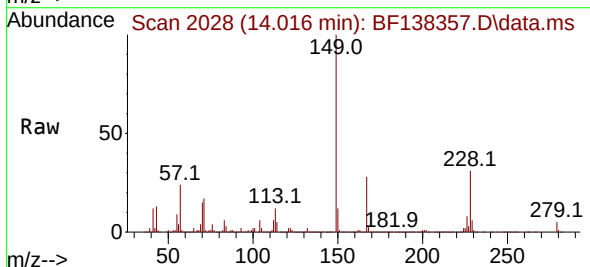
Tgt Ion:149 Resp: 808452

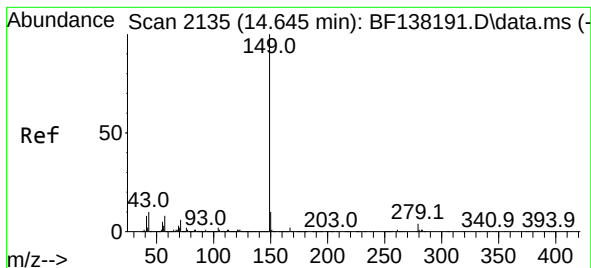
Ion Ratio Lower Upper

149 100

167 28.5 23.5 35.3

279 5.1 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 82.513 ng

RT: 14.627 min Scan# 2135

Delta R.T. -0.018 min

Lab File: BF138357.D

Acq: 26 Jun 2024 17:58

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD

Tgt Ion:149 Resp: 135201

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

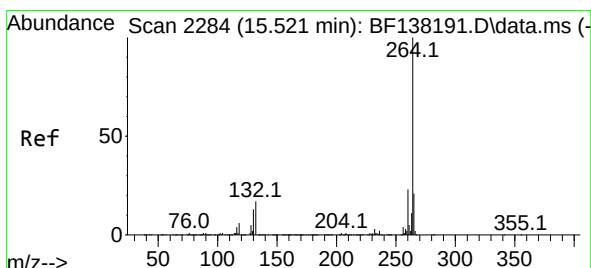
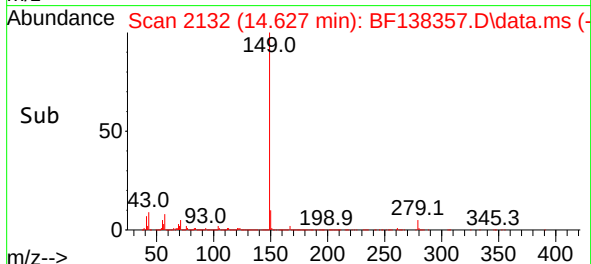
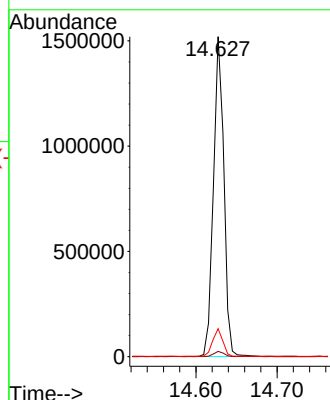
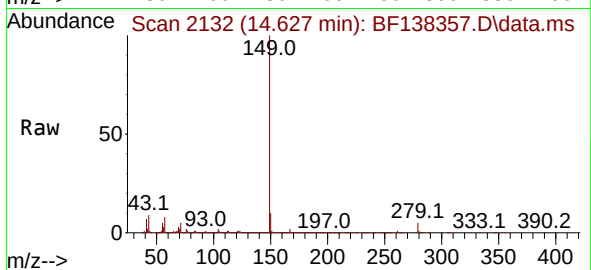
43 8.4 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2282

Delta R.T. -0.012 min

Lab File: BF138357.D

Acq: 26 Jun 2024 17:58

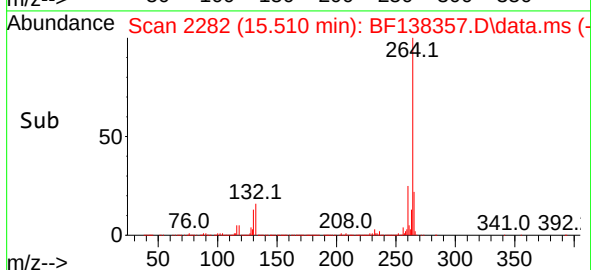
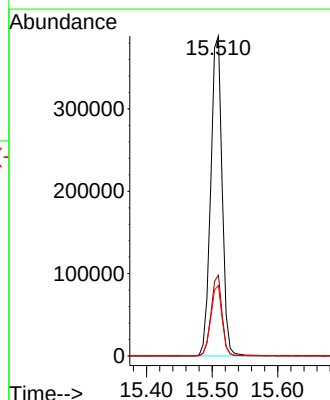
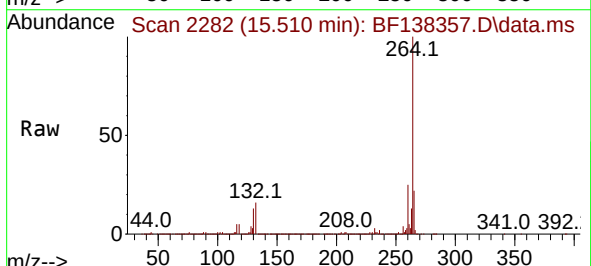
Tgt Ion:264 Resp: 469969

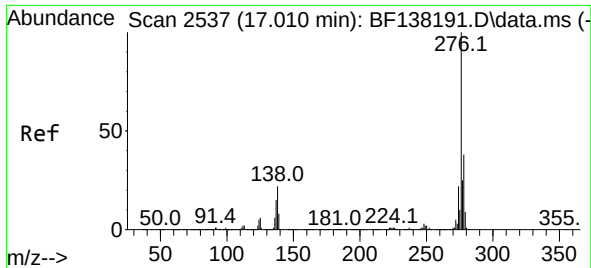
Ion Ratio Lower Upper

264 100

260 25.3 18.7 28.1

265 22.0 17.0 25.6





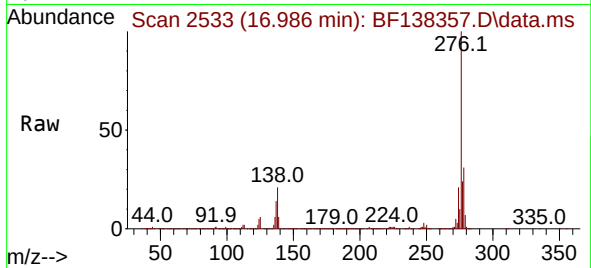
#87
Indeno(1,2,3-cd)pyrene
Concen: 46.182 ng
RT: 16.986 min Scan# 2109
Delta R.T. -0.024 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1MSD



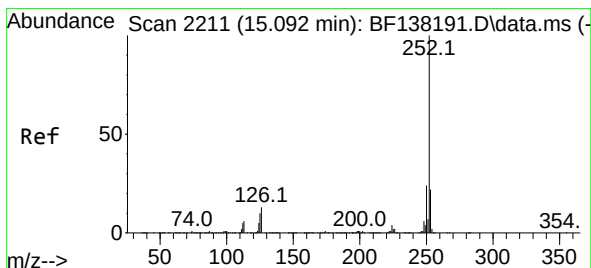
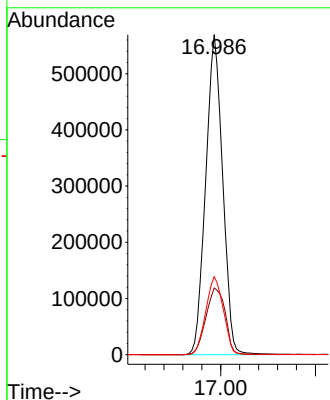
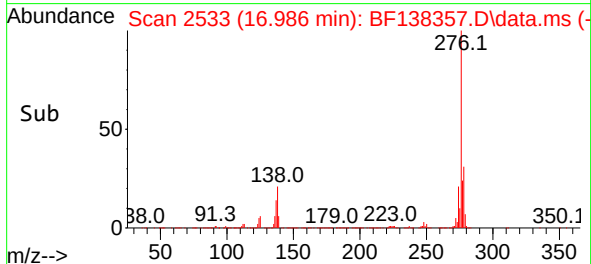
Tgt Ion:276 Resp: 1414898
Ion Ratio Lower Upper
276 100
138 23.8 19.3 28.9
277 25.4 20.2 30.2

Manual Integrations

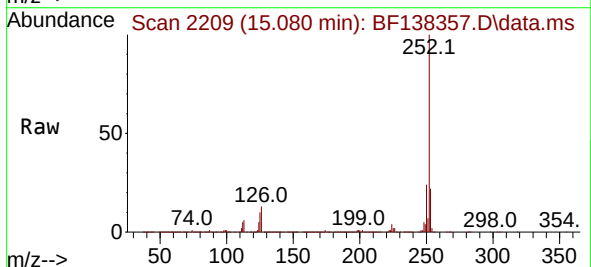
APPROVED

Reviewed By :Yogesh Patel 06/27/2024

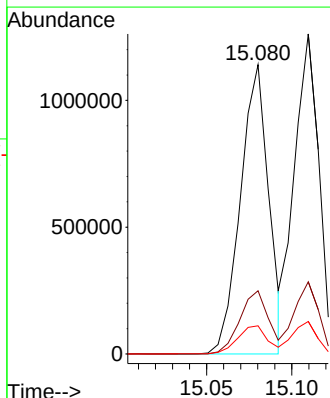
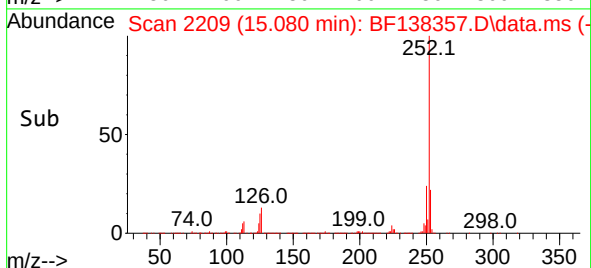
Supervised By :mohammad ahmed 06/27/2024

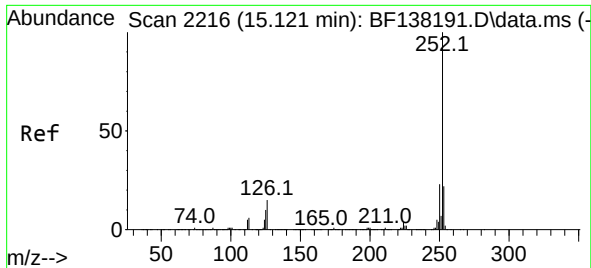


#88
Benzo(b)fluoranthene
Concen: 47.589 ng
RT: 15.080 min Scan# 2209
Delta R.T. -0.012 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58



Tgt Ion:252 Resp: 1318911
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 9.7 7.8 11.8





#89
Benzo(k)fluoranthene
Concen: 47.066 ng
RT: 15.110 min Scan# 2110
Delta R.T. -0.012 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

Instrument :

BNA_F

ClientSampleId :

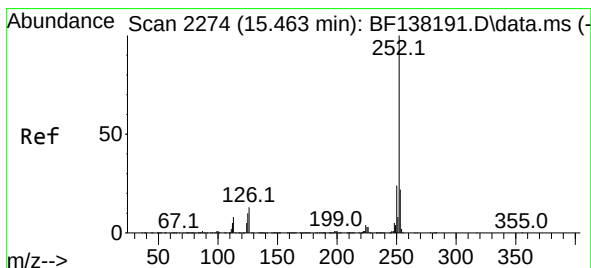
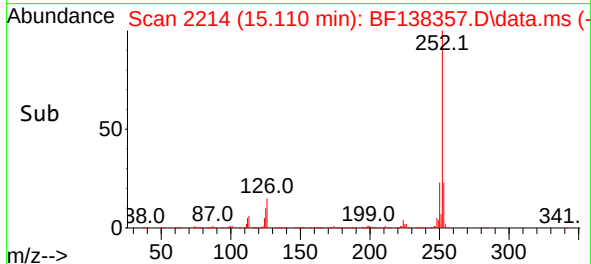
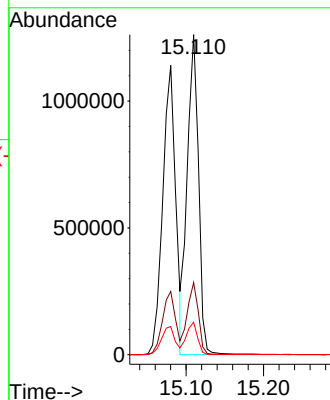
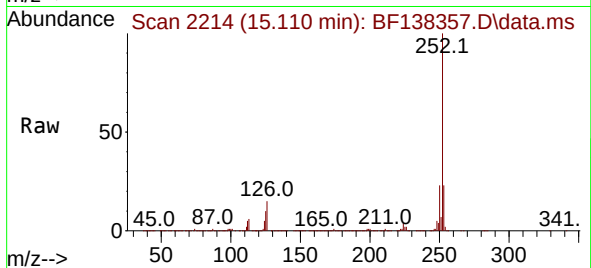
WC-NORTH-1MSD

Tgt Ion:252 Resp: 1278350
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 10.2 8.0 12.0

Manual Integrations

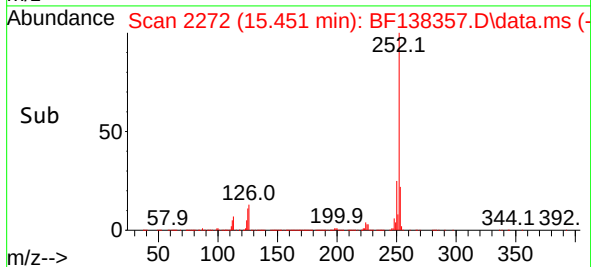
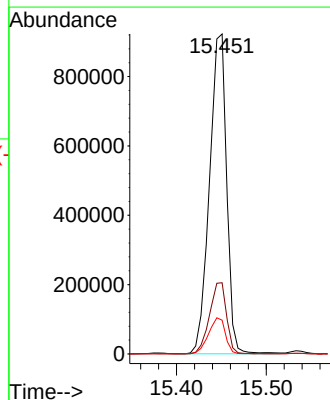
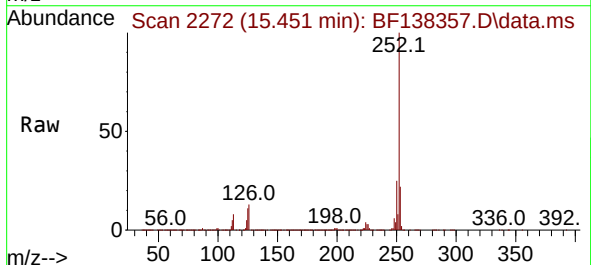
APPROVED

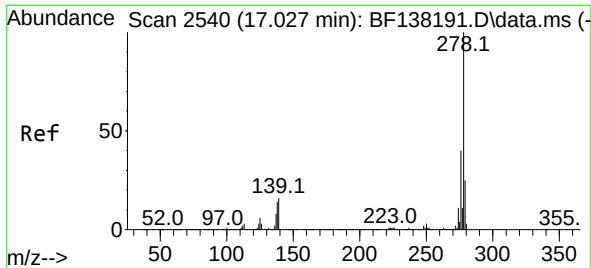
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#90
Benzo(a)pyrene
Concen: 51.436 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.012 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

Tgt Ion:252 Resp: 1224658
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 10.6 8.2 12.2





#91
Dibenzo(a,h)anthracene
Concen: 46.096 ng
RT: 17.004 min Scan# 210
Delta R.T. -0.024 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

Instrument :

BNA_F

ClientSampleId :

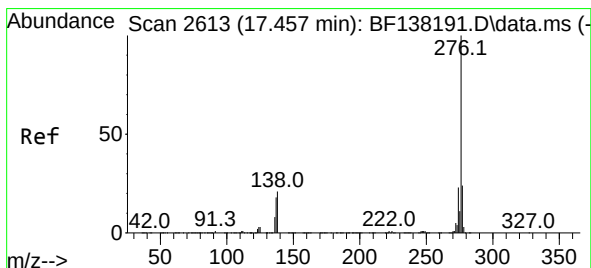
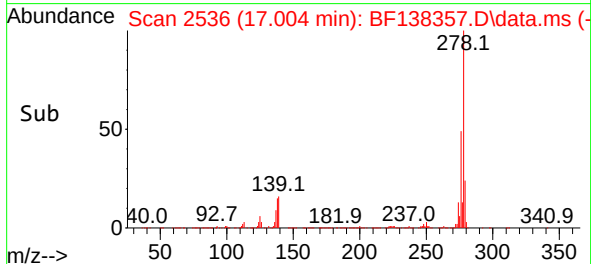
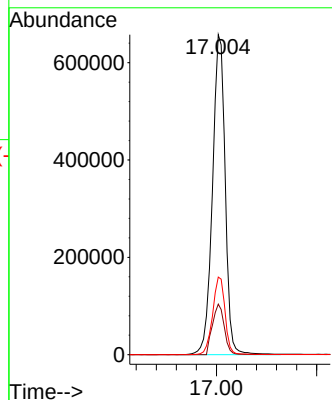
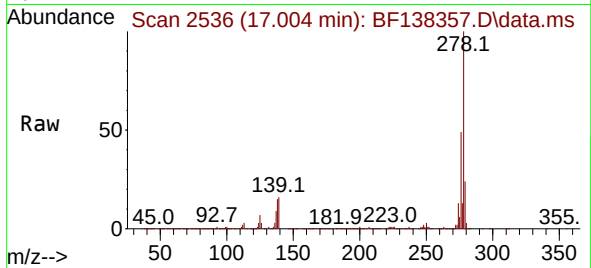
WC-NORTH-1MSD

Tgt Ion:278 Resp: 1159190
Ion Ratio Lower Upper
278 100
139 15.8 12.9 19.3
279 24.3 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#92
Benzo(g,h,i)perylene
Concen: 40.074 ng
RT: 17.433 min Scan# 2609
Delta R.T. -0.024 min
Lab File: BF138357.D
Acq: 26 Jun 2024 17:58

Tgt Ion:276 Resp: 1042537
Ion Ratio Lower Upper
276 100
277 24.1 19.5 29.3
138 21.5 16.6 24.8

