

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
 Data File : BF136769.D
 Acq On : 27 Dec 2023 20:59
 Operator : CG\JU
 Sample : 05862-13MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-LIQUIDS-20231213-01MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/28/2023
 Supervised By :mohammad ahmed 12/28/2023

Quant Time: Dec 27 22:46:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	72464	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	283310	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	144920	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	265046	20.000	ng	0.00
76) Chrysene-d12	13.968	240	136726	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	159170	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	525320	113.111	ng	0.01
7) Phenol-d6	6.440	99	624848	103.832	ng	0.00
23) Nitrobenzene-d5	7.351	82	458015	82.726	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	208936	122.417	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	918342	85.230	ng	0.00
79) Terphenyl-d14	12.910	244	851223	87.003	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.604	88	68887	35.599	ng	97
3) Pyridine	3.363	79	128169	27.146	ng	96
4) n-Nitrosodimethylamine	3.334	42	99893	39.619	ng	97
6) Aniline	6.451	93	138007	22.937	ng	# 1
8) 2-Chlorophenol	6.575	128	216673	42.632	ng	96
9) Benzaldehyde	6.340	77	71096	20.770	ng	# 87
10) Phenol	6.451	94	237746	37.008	ng	98
11) bis(2-Chloroethyl)ether	6.528	93	202619	41.474	ng	97
12) 1,3-Dichlorobenzene	6.728	146	216499	39.049	ng	98
13) 1,4-Dichlorobenzene	6.804	146	222012	39.190	ng	98
14) 1,2-Dichlorobenzene	6.951	146	207295	39.324	ng	98
15) Benzyl Alcohol	6.934	79	186299	45.888	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	325622	40.767	ng	97
17) 2-Methylphenol	7.051	107	171583	40.752	ng	95
18) Hexachloroethane	7.292	117	80927	39.335	ng	93
19) n-Nitroso-di-n-propyla...	7.204	70	154246	42.282	ng	97
20) 3+4-Methylphenols	7.204	107	211230	40.157	ng	# 65
22) Acetophenone	7.192	105	312820	44.052	ng	# 92
24) Nitrobenzene	7.369	77	223737	40.341	ng	100
25) Isophorone	7.610	82	428776	42.561	ng	99
26) 2-Nitrophenol	7.681	139	113033	42.597	ng	92
27) 2,4-Dimethylphenol	7.728	122	167428	51.827	ng	97
28) bis(2-Chloroethoxy)met...	7.822	93	260972	42.617	ng	100
29) 2,4-Dichlorophenol	7.928	162	178158	42.837	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	191408	41.306	ng	98
31) Naphthalene	8.098	128	2533178	162.756	ng	99
32) Benzoic acid	7.851	122	79534	25.445	ng	93
33) 4-Chloroaniline	8.134	127	28633	4.983	ng	97
34) Hexachlorobutadiene	8.198	225	110162	39.128	ng	99
35) Caprolactam	8.516	113	53105m	38.705	ng	
36) 4-Chloro-3-methylphenol	8.634	107	201427	43.020	ng	97
37) 2-Methylnaphthalene	8.781	142	596881	59.588	ng	99
38) 1-Methylnaphthalene	8.881	142	544626	55.420	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	206086	45.918	ng	99
41) Hexachlorocyclopentadiene	8.928	237	100399	70.762	ng	97
43) 2,4,6-Trichlorophenol	9.063	196	129850	45.113	ng	98

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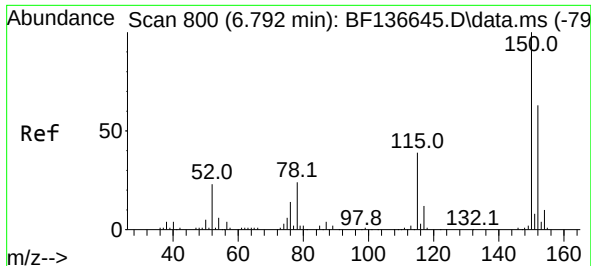
Quant Time: Dec 27 22:46:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
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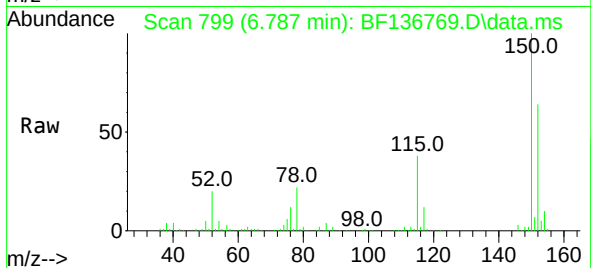
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	139075	43.360	ng	99
46) 1,1'-Biphenyl	9.245	154	572494	47.076	ng	98
47) 2-Chloronaphthalene	9.269	162	397557	43.002	ng	98
48) 2-Nitroaniline	9.369	65	129214	44.633	ng	98
49) Acenaphthylene	9.686	152	681591	48.234	ng	99
50) Dimethylphthalate	9.551	163	484717	45.792	ng	99
51) 2,6-Dinitrotoluene	9.616	165	104433	43.471	ng	99
52) Acenaphthene	9.857	154	400462	45.718	ng	99
53) 3-Nitroaniline	9.781	138	59942	23.554	ng	97
54) 2,4-Dinitrophenol	9.892	184	65377	50.545	ng	# 87
55) Dibenzofuran	10.028	168	583266	43.927	ng	99
56) 4-Nitrophenol	9.963	139	127135	74.005	ng	97
57) 2,4-Dinitrotoluene	10.022	165	134582	43.153	ng	97
58) Fluorene	10.375	166	487090	46.233	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	114190	46.249	ng	98
60) Diethylphthalate	10.251	149	497136	45.265	ng	98
61) 4-Chlorophenyl-phenyle...	10.363	204	222388	43.426	ng	100
62) 4-Nitroaniline	10.404	138	97616m	39.790	ng	
63) Azobenzene	10.528	77	447288	43.603	ng	96
65) 4,6-Dinitro-2-methylph...	10.433	198	55677	36.654	ng	84
66) n-Nitrosodiphenylamine	10.486	169	409761	47.592	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	135795	46.133	ng	96
68) Hexachlorobenzene	10.922	284	146844	44.766	ng	100
69) Atrazine	11.022	200	131959	59.923	ng	99
70) Pentachlorophenol	11.122	266	127050	83.094	ng	98
71) Phenanthrene	11.339	178	647210	47.590	ng	99
72) Anthracene	11.392	178	630747	45.796	ng	99
73) Carbazole	11.551	167	555354	42.768	ng	99
74) Di-n-butylphthalate	11.880	149	768801	48.519	ng	99
75) Fluoranthene	12.527	202	577227	39.680	ng	98
77) Benzidine	12.657	184	92570	22.962	ng	98
78) Pyrene	12.763	202	565278	42.116	ng	100
80) Butylbenzylphthalate	13.386	149	243297	49.817	ng	97
81) Benzo(a)anthracene	13.957	228	426769	44.951	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	62950	23.347	ng	96
83) Chrysene	13.992	228	408514	44.001	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	340839	55.468	ng	98
85) Di-n-octyl phthalate	14.563	149	556947	58.595	ng	99
87) Indeno(1,2,3-cd)pyrene	16.957	276	482663	41.999	ng	99
88) Benzo(b)fluoranthene	15.010	252	446432	41.993	ng	99
89) Benzo(k)fluoranthene	15.045	252	398343	39.654	ng	99
90) Benzo(a)pyrene	15.386	252	388768	43.323	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	405684	43.028	ng	97
92) Benzo(g,h,i)perylene	17.409	276	364190	37.714	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

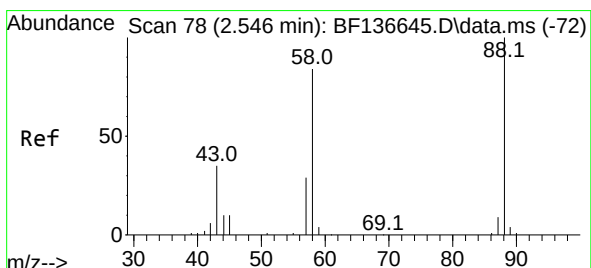
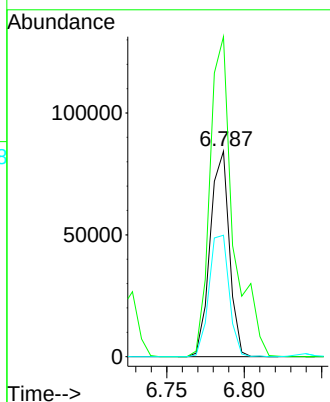
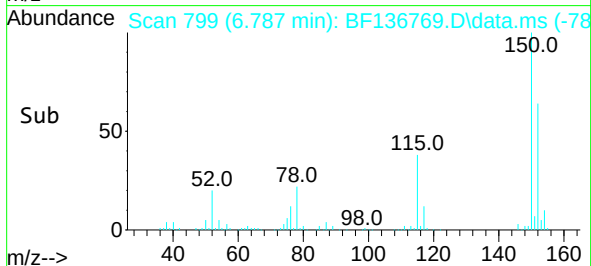
Instrument :
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ClientSampleId :
WC-LIQUIDS-20231213-01MS



Tgt Ion:152 Resp: 72464
Ion Ratio Lower Upper
152 100
150 155.8 127.0 190.6
115 59.1 49.0 73.4

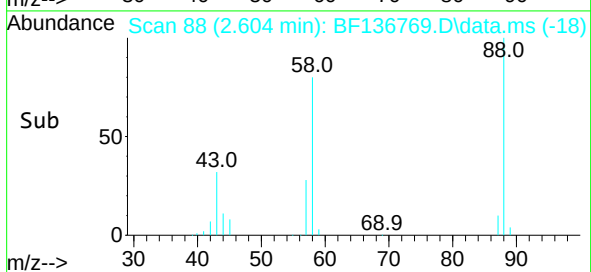
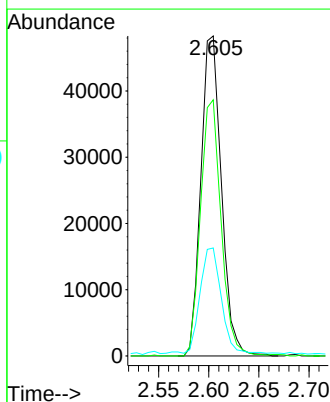
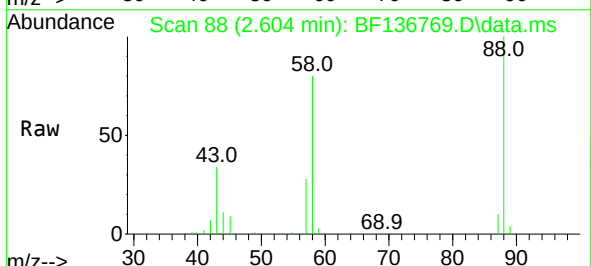
Manual Integrations
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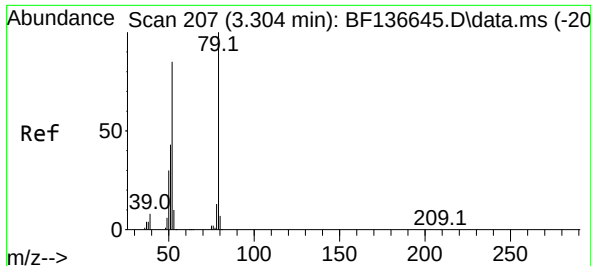
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#2
1,4-Dioxane
Concen: 35.599 ng
RT: 2.604 min Scan# 88
Delta R.T. 0.059 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

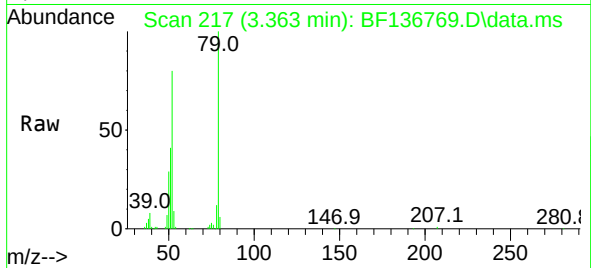
Tgt Ion: 88 Resp: 68887
Ion Ratio Lower Upper
88 100
58 80.4 67.4 101.0
43 34.1 27.7 41.5





#3
Pyridine
Concen: 27.146 ng
RT: 3.363 min Scan# 217
Delta R.T. 0.059 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

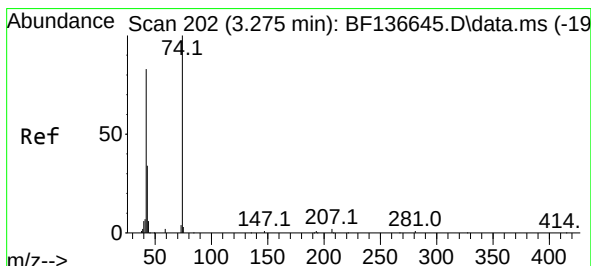
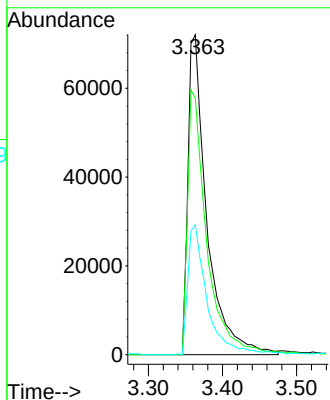
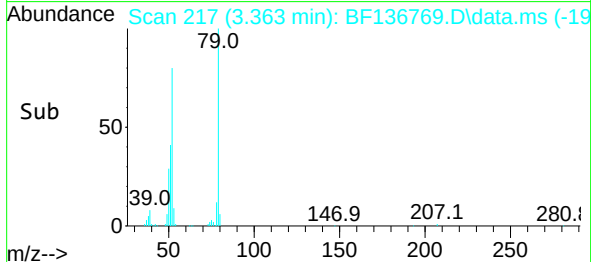
Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01MS



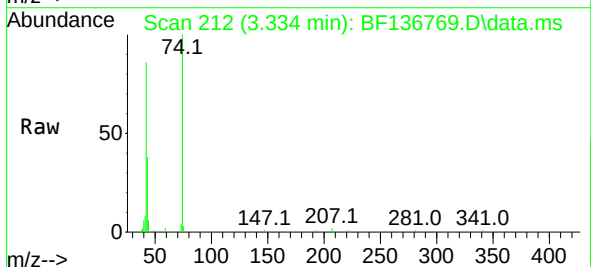
Tgt Ion: 79 Resp: 128169
Ion Ratio Lower Upper
79 100
52 80.2 67.7 101.5
51 40.6 34.0 51.0

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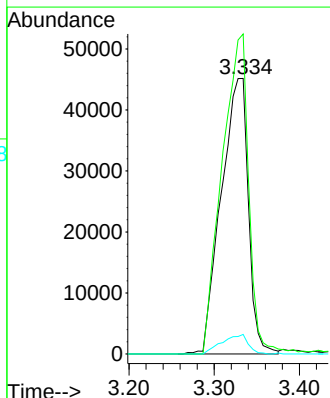
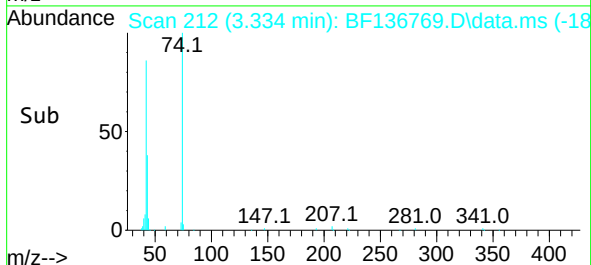
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

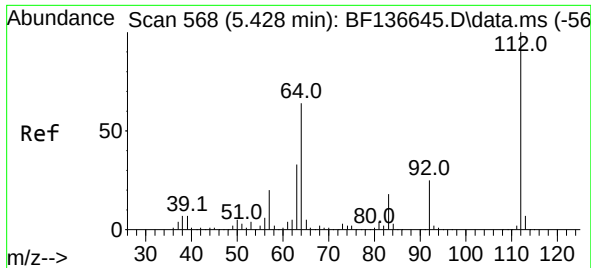


#4
n-Nitrosodimethylamine
Concen: 39.619 ng
RT: 3.334 min Scan# 212
Delta R.T. 0.059 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59



Tgt Ion: 42 Resp: 99893
Ion Ratio Lower Upper
42 100
74 116.2 96.0 144.0
44 7.1 5.4 8.2





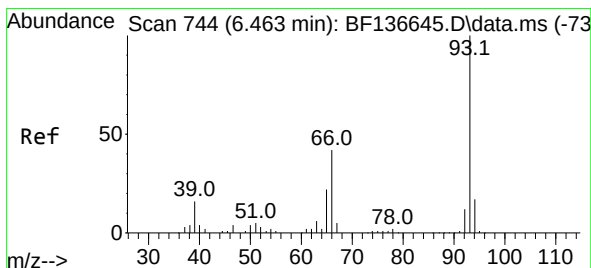
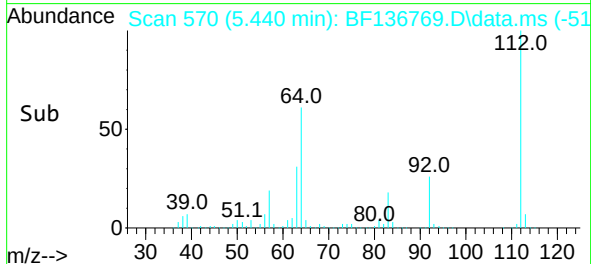
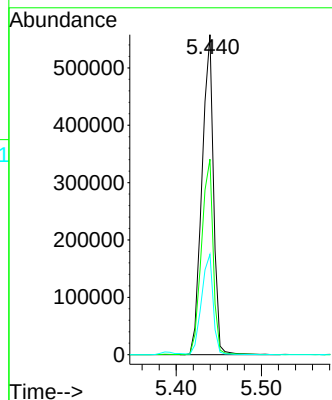
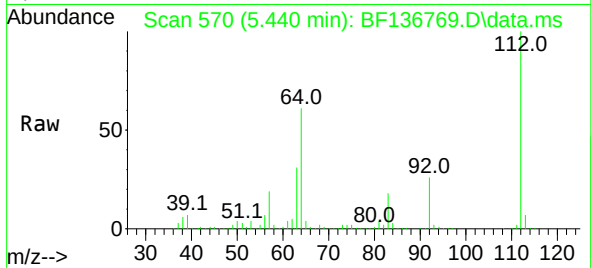
#5
2-Fluorophenol
Concen: 113.111 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

Instrument :
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Tgt Ion:112 Resp: 525320
Ion Ratio Lower Upper
112 100
64 61.1 51.1 76.7
63 31.3 26.1 39.1

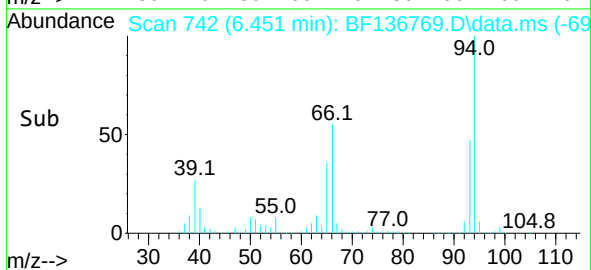
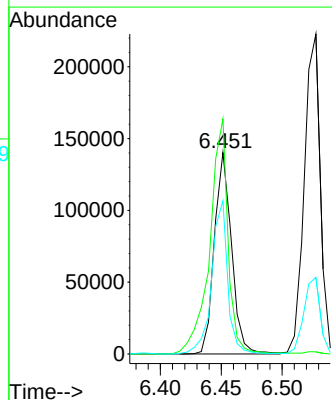
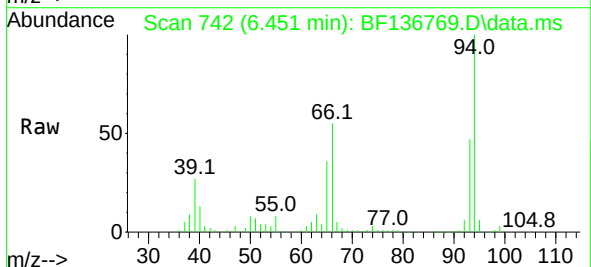
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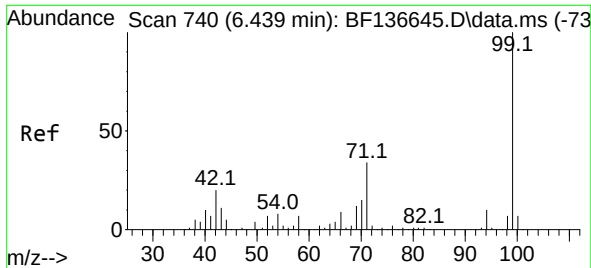
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#6
Aniline
Concen: 22.937 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

Tgt Ion: 93 Resp: 138007
Ion Ratio Lower Upper
93 100
66 116.7 34.6 51.8#
65 76.0 17.8 26.8#





#7

Phenol-d6

Concen: 103.832 ng

RT: 6.440 min Scan# 740

Delta R.T. 0.000 min

Lab File: BF136769.D

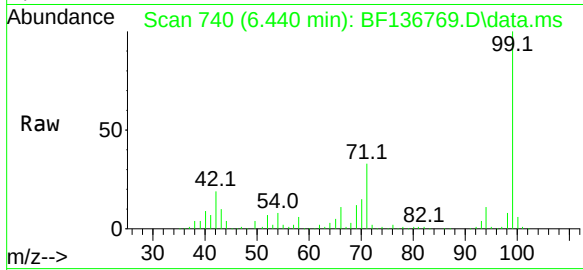
Acq: 27 Dec 2023 20:59

Instrument :

BNA_F

ClientSampleId :

WC-LIQUIDS-20231213-01MS



Tgt Ion: 99 Resp: 62484

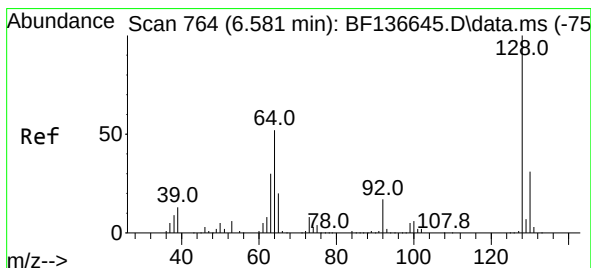
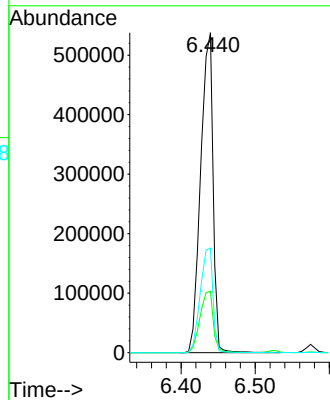
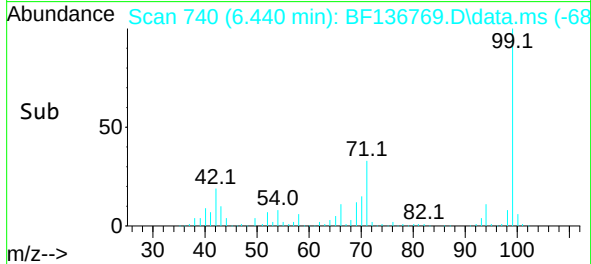
Ion	Ratio	Lower	Upper
99	100		
42	19.2	16.1	24.1
71	32.7	27.4	41.2

Manual Integrations

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Supervised By :mohammad ahmed 12/28/2023



#8

2-Chlorophenol

Concen: 42.632 ng

RT: 6.575 min Scan# 763

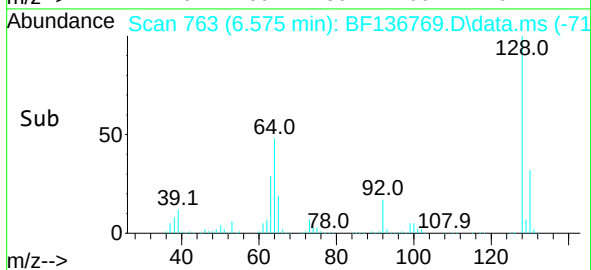
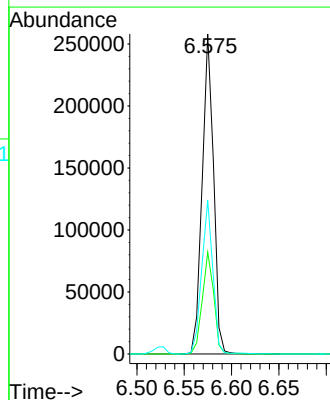
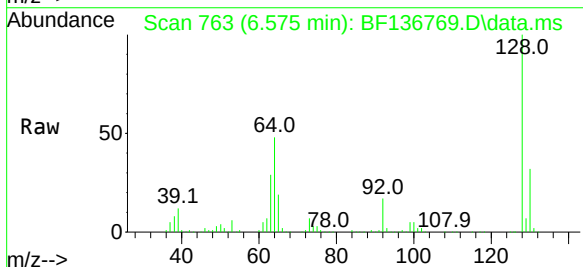
Delta R.T. -0.006 min

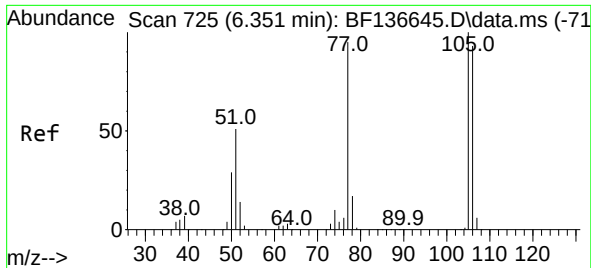
Lab File: BF136769.D

Acq: 27 Dec 2023 20:59

Tgt Ion:128 Resp: 216673

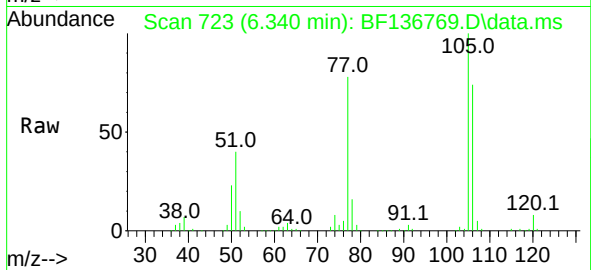
Ion	Ratio	Lower	Upper
128	100		
130	31.8	11.3	51.3
64	48.1	32.5	72.5





#9
Benzaldehyde
Concen: 20.770 ng
RT: 6.340 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

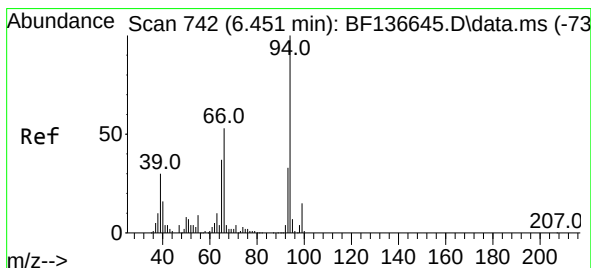
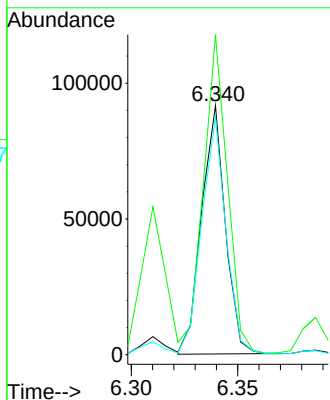
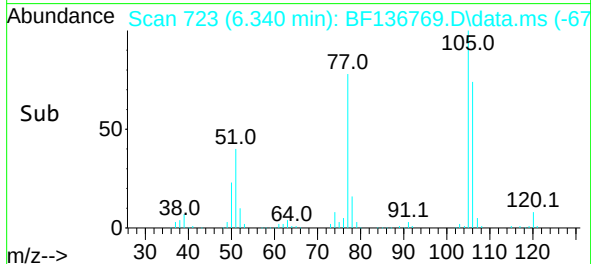
Instrument : BNA_F
ClientSampleId : WC-LIQUIDS-20231213-01MS



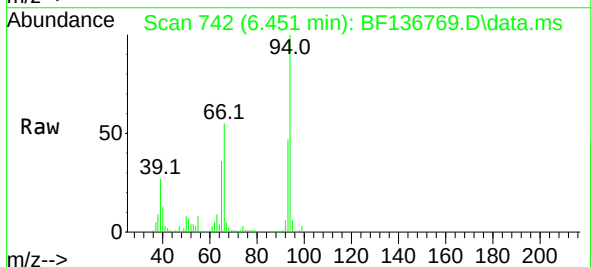
Tgt Ion: 77 Resp: 71090
Ion Ratio Lower Upper
77 100
105 128.5 84.8 124.8
106 95.5 77.8 117.8

Manual Integrations
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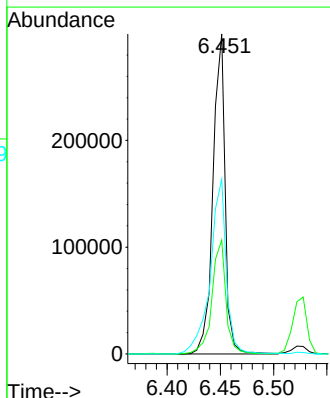
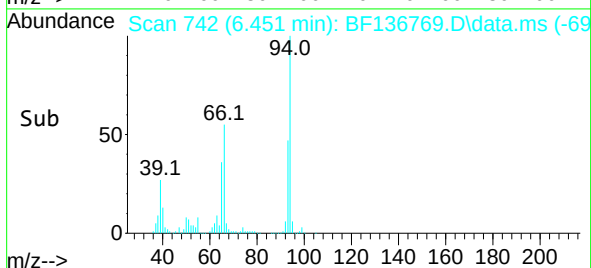
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

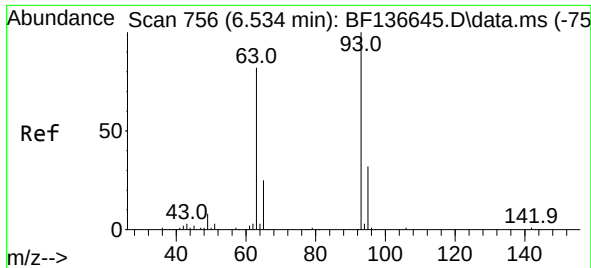


#10
Phenol
Concen: 37.008 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59



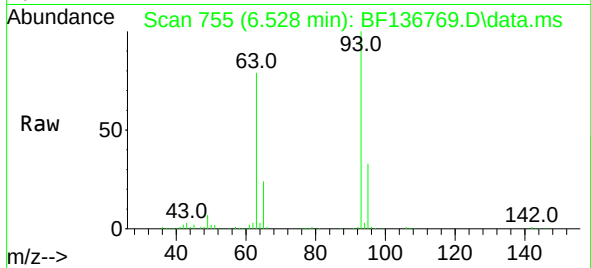
Tgt Ion: 94 Resp: 237746
Ion Ratio Lower Upper
94 100
65 35.6 16.6 56.6
66 54.6 32.6 72.6





#11
bis(2-Chloroethyl)ether
Concen: 41.474 ng
RT: 6.528 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

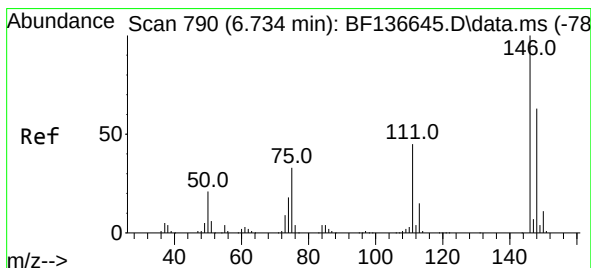
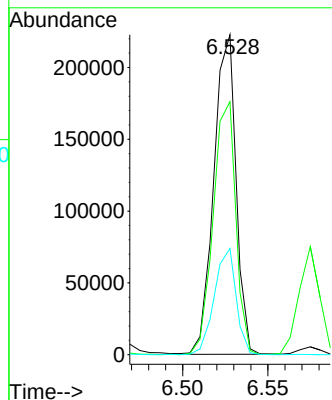
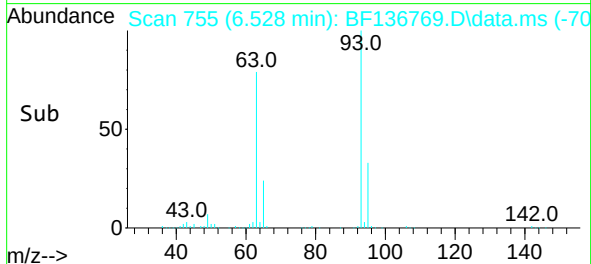
Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01MS



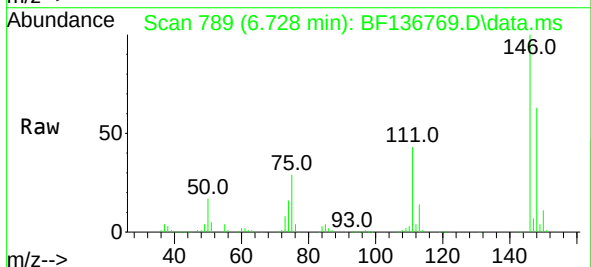
Tgt Ion: 93 Resp: 202619
Ion Ratio Lower Upper
93 100
63 79.1 61.2 101.2
95 33.2 11.6 51.6

Manual Integrations
APPROVED

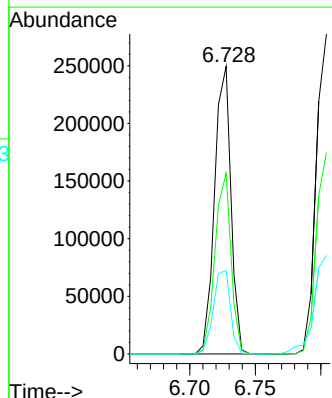
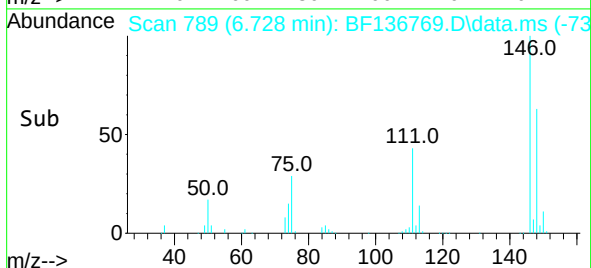
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

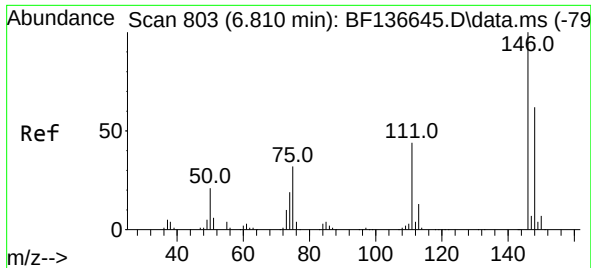


#12
1,3-Dichlorobenzene
Concen: 39.049 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59



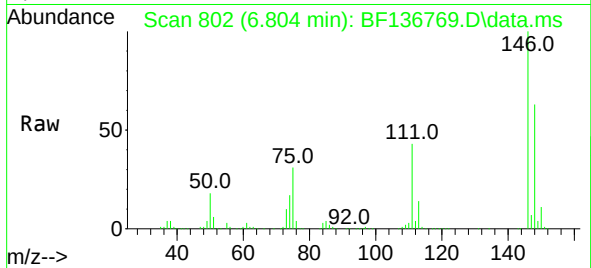
Tgt Ion:146 Resp: 216499
Ion Ratio Lower Upper
146 100
148 62.9 50.5 75.7
75 29.1 26.2 39.4





#13
1,4-Dichlorobenzene
Concen: 39.190 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

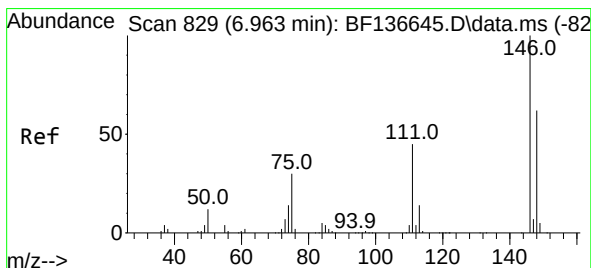
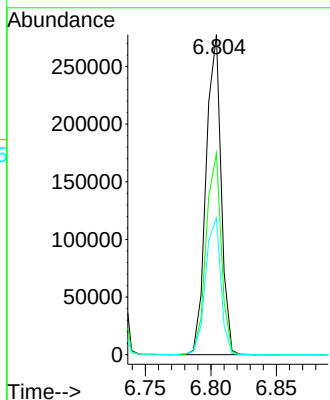
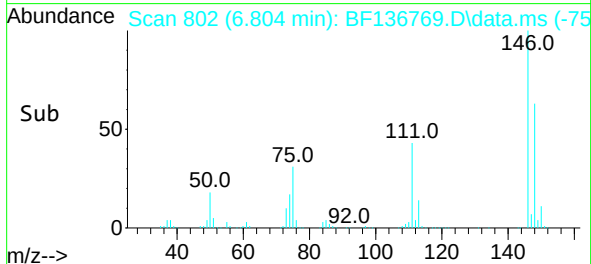
Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01MS



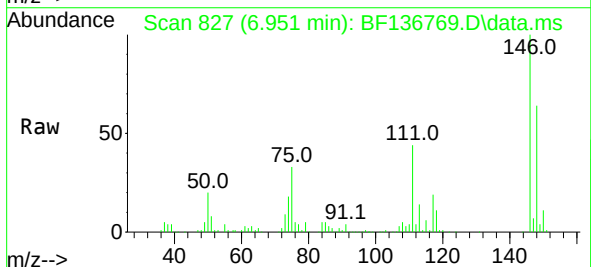
Tgt Ion:146 Resp: 222012
Ion Ratio Lower Upper
146 100
148 63.0 49.2 73.8
111 42.7 35.2 52.8

Manual Integrations
APPROVED

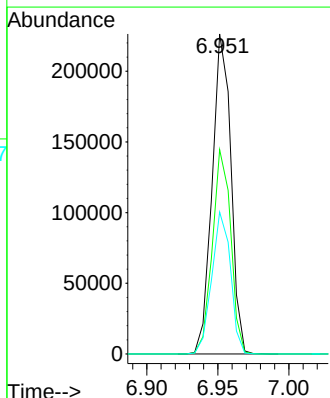
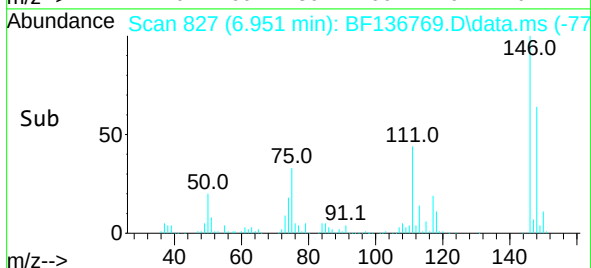
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

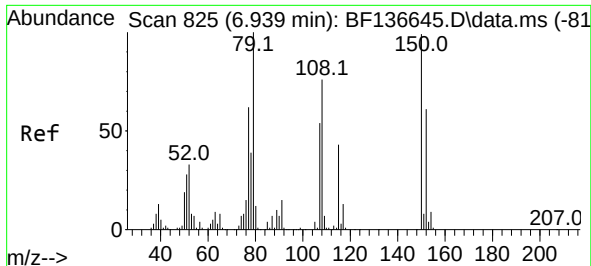


#14
1,2-Dichlorobenzene
Concen: 39.324 ng
RT: 6.951 min Scan# 827
Delta R.T. -0.012 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59



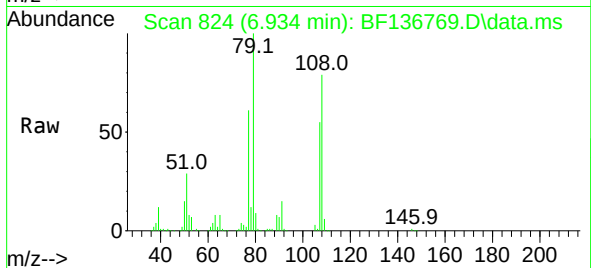
Tgt Ion:146 Resp: 207295
Ion Ratio Lower Upper
146 100
148 63.9 49.6 74.4
111 44.4 36.2 54.2





#15
Benzyl Alcohol
Concen: 45.888 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

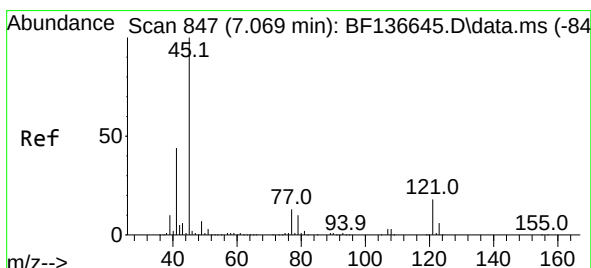
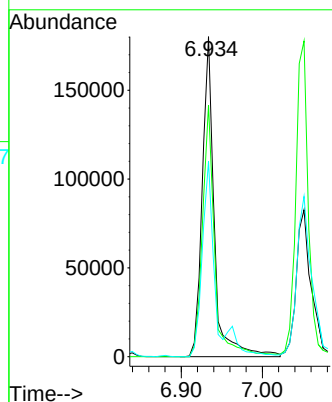
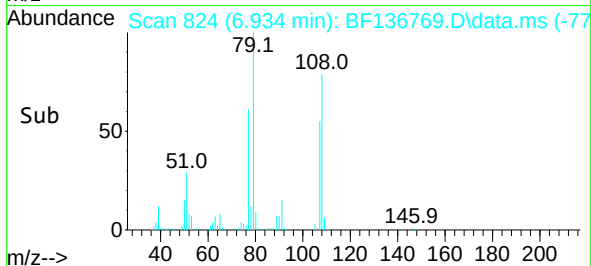
Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01MS



Tgt Ion: 79 Resp: 186299
Ion Ratio Lower Upper
79 100
108 78.6 61.0 91.6
77 61.0 49.8 74.8

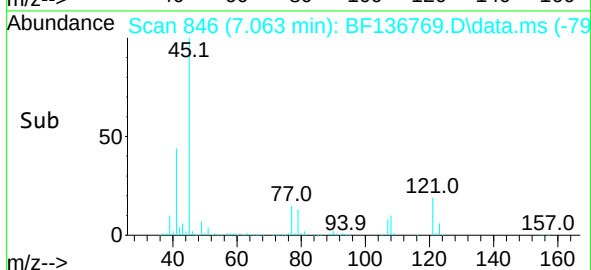
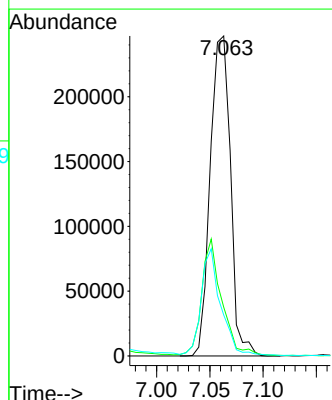
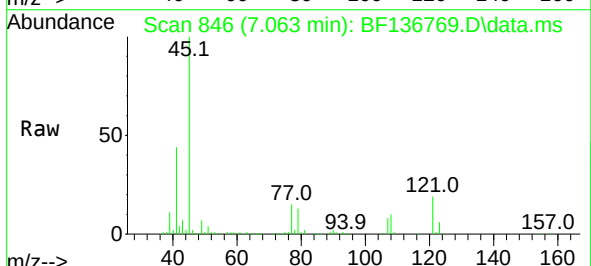
Manual Integrations
APPROVED

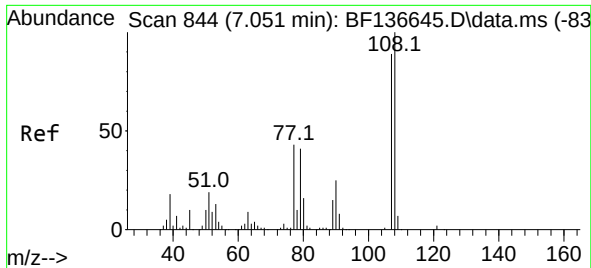
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.767 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

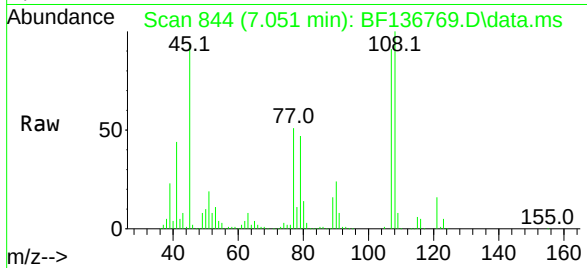
Tgt Ion: 45 Resp: 325622
Ion Ratio Lower Upper
45 100
77 15.3 0.0 34.3
79 12.8 0.0 31.4





#17
2-Methylphenol
Concen: 40.752 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

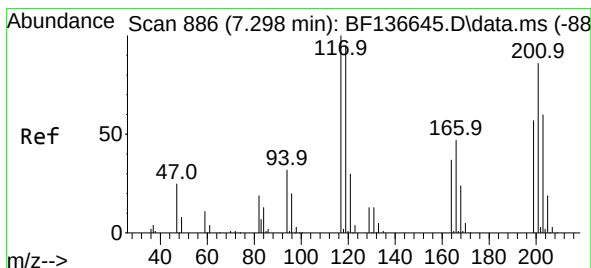
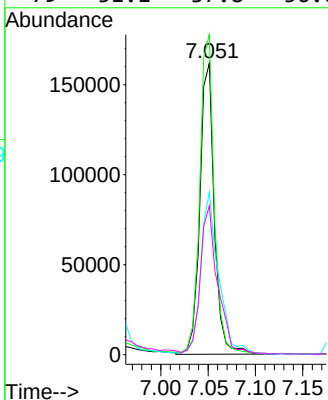
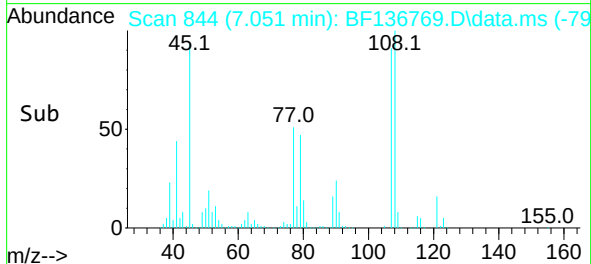
Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01MS



Tgt Ion:107 Resp: 17158
Ion Ratio Lower Upper
107 100
108 109.8 90.3 135.5
77 55.7 38.7 58.1
79 51.1 37.8 56.6

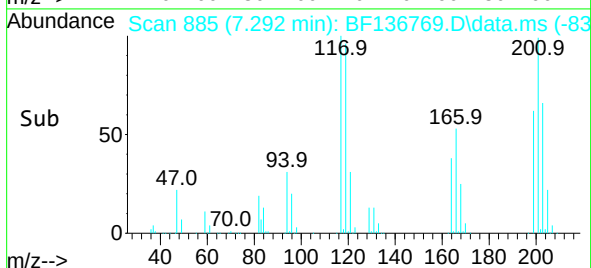
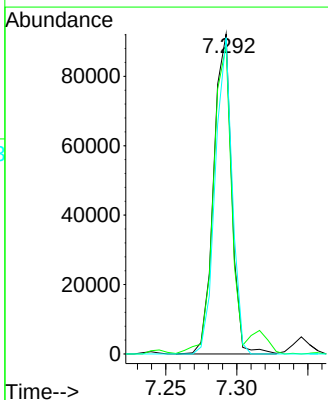
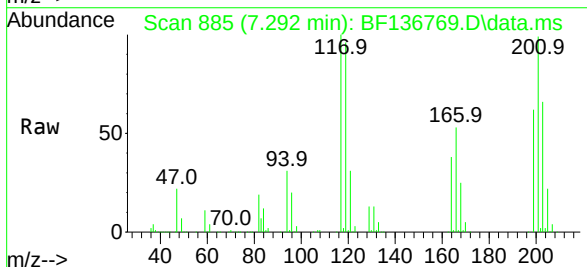
Manual Integrations
APPROVED

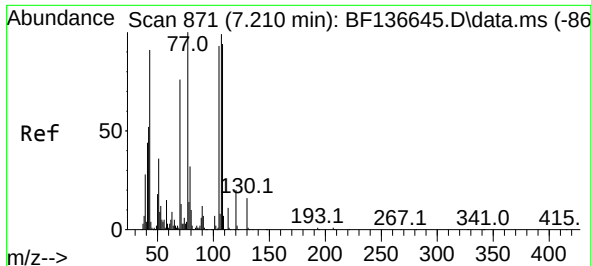
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#18
Hexachloroethane
Concen: 39.335 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

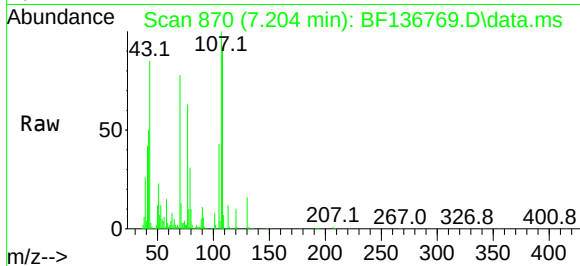
Tgt Ion:117 Resp: 80927
Ion Ratio Lower Upper
117 100
119 96.3 75.8 113.6
201 98.8 69.1 103.7





#19
n-Nitroso-di-n-propylamine
Concen: 42.282 ng
RT: 7.204 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

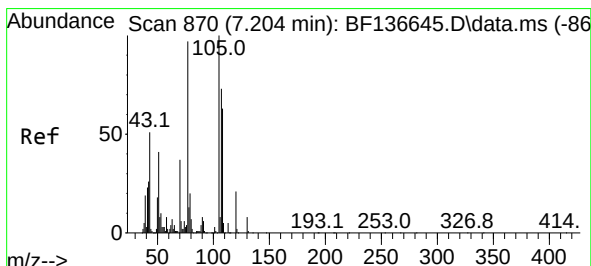
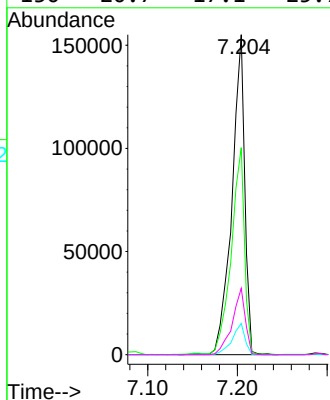
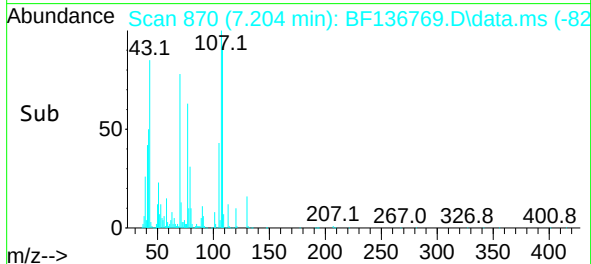
Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01MS



Tgt Ion: 70 Resp: 154240
Ion Ratio Lower Upper
70 100
42 64.7 54.2 81.4
101 9.8 7.6 11.4
130 20.7 17.1 25.7

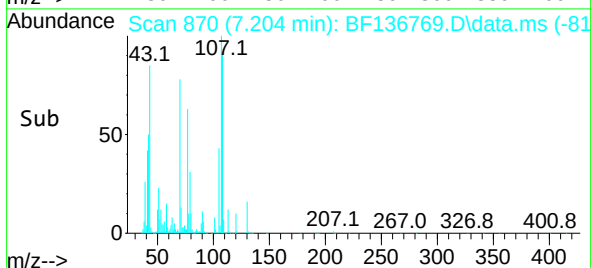
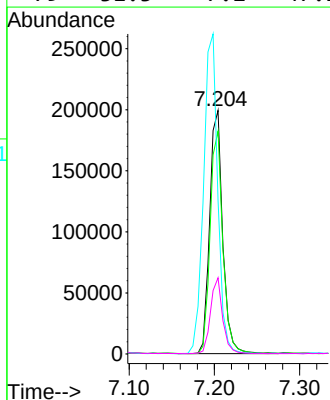
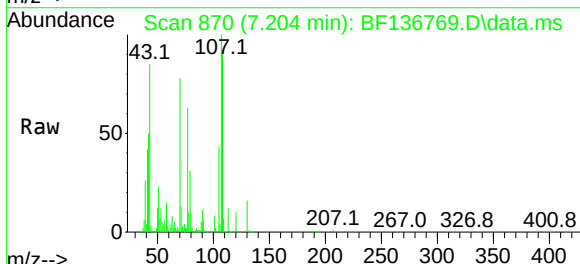
Manual Integrations
APPROVED

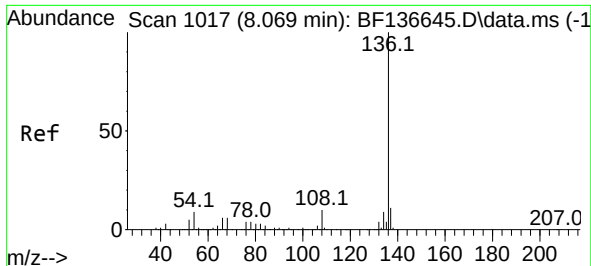
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#20
3+4-Methylphenols
Concen: 40.157 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

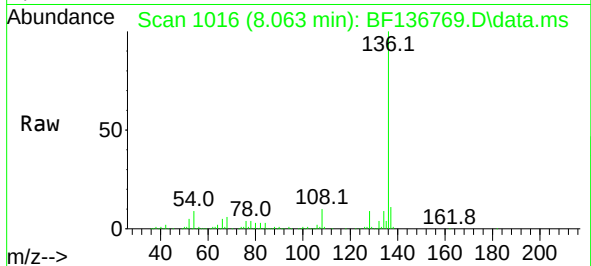
Tgt Ion:107 Resp: 211230
Ion Ratio Lower Upper
107 100
108 91.5 66.0 106.0
77 63.2 114.2 154.2#
79 31.3 7.2 47.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

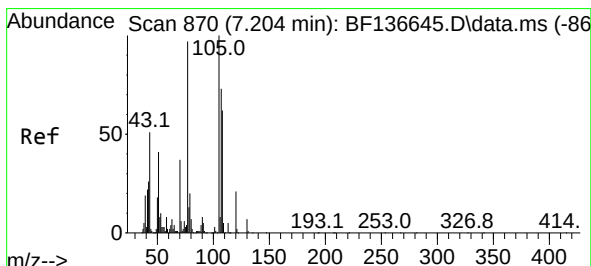
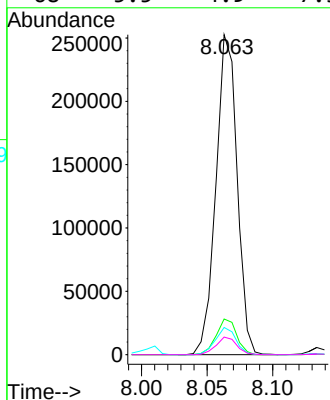
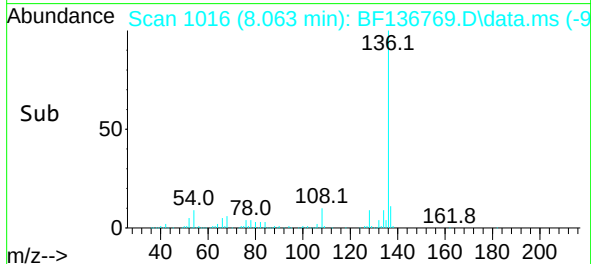
Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01MS



Tgt Ion:136 Resp: 283310
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 8.5 7.2 10.8
68 5.5 4.9 7.3

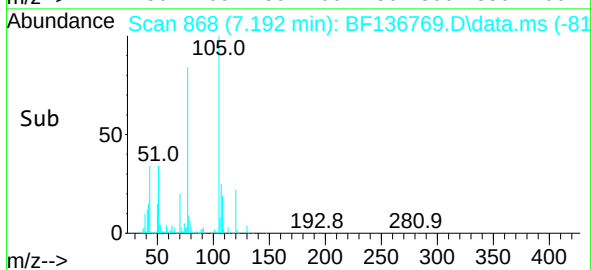
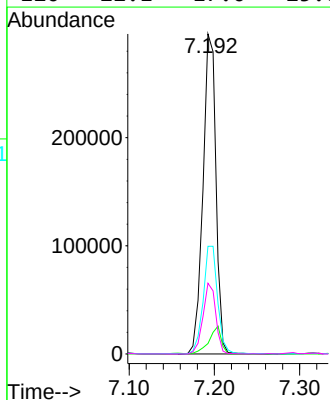
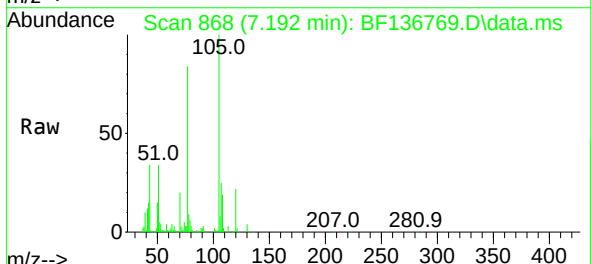
Manual Integrations
APPROVED

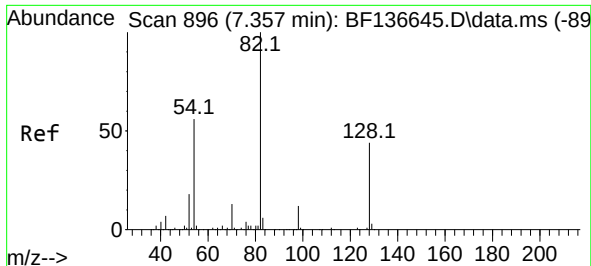
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#22
Acetophenone
Concen: 44.052 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

Tgt Ion:105 Resp: 312820
Ion Ratio Lower Upper
105 100
71 3.3 4.8 7.2#
51 33.6 32.8 49.2
120 22.1 17.0 25.6





#23

Nitrobenzene-d5

Concen: 82.726 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF136769.D

Acq: 27 Dec 2023 20:59

Instrument :

BNA_F

ClientSampleId :

WC-LIQUIDS-20231213-01MS

Tgt Ion: 82 Resp: 458015

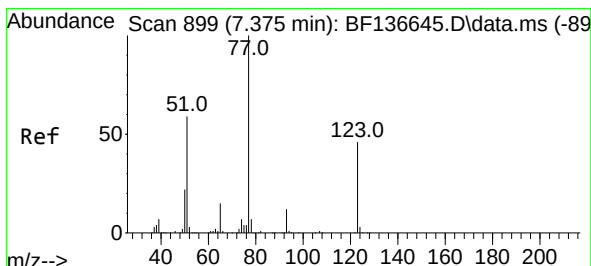
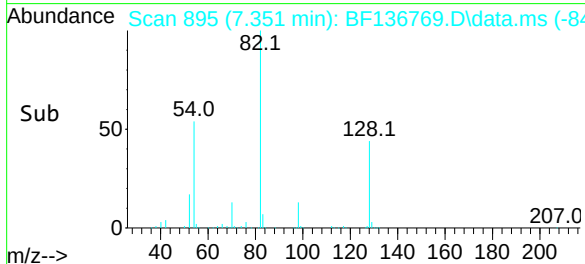
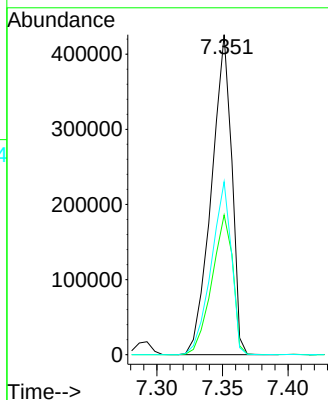
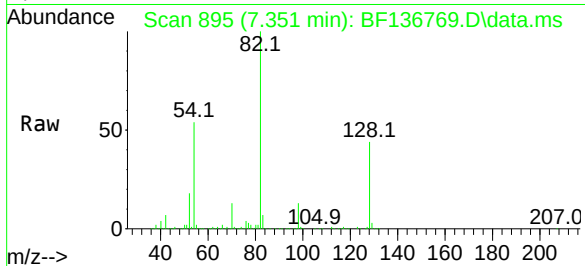
Ion	Ratio	Lower	Upper
82	100		
128	43.7	35.3	52.9
54	54.1	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#24

Nitrobenzene

Concen: 40.341 ng

RT: 7.369 min Scan# 898

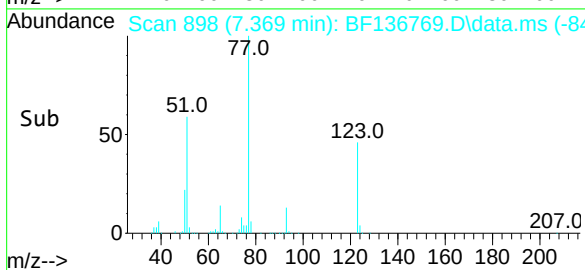
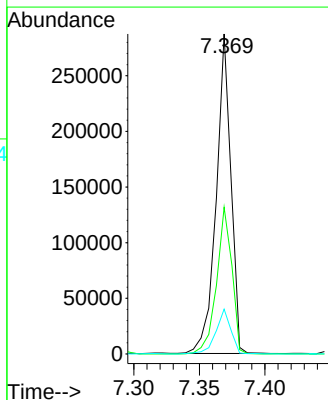
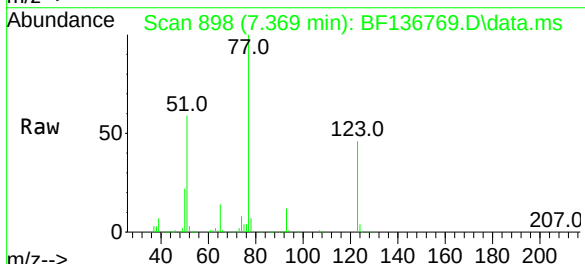
Delta R.T. -0.006 min

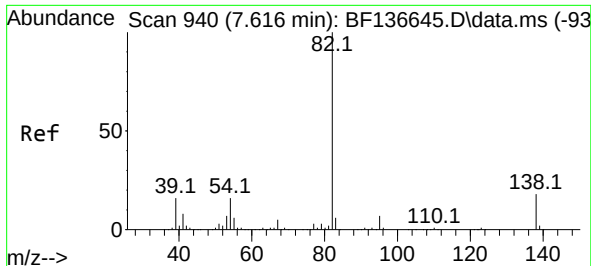
Lab File: BF136769.D

Acq: 27 Dec 2023 20:59

Tgt Ion: 77 Resp: 223737

Ion	Ratio	Lower	Upper
77	100		
123	45.8	36.7	55.1
65	14.0	11.8	17.6





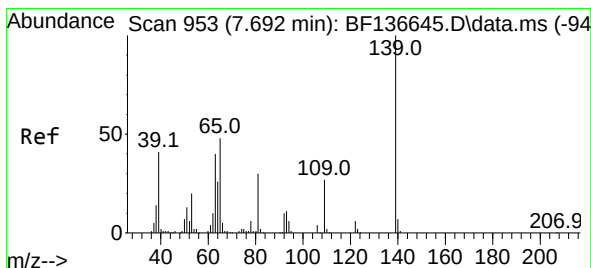
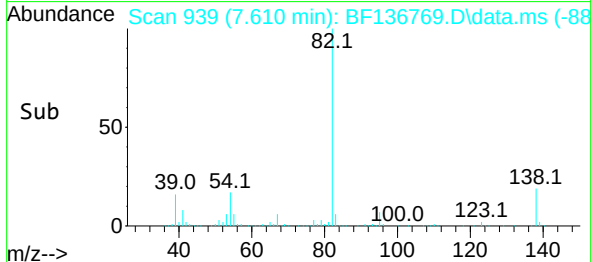
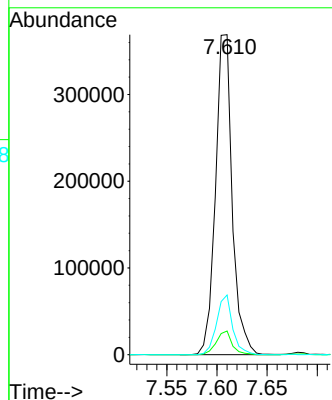
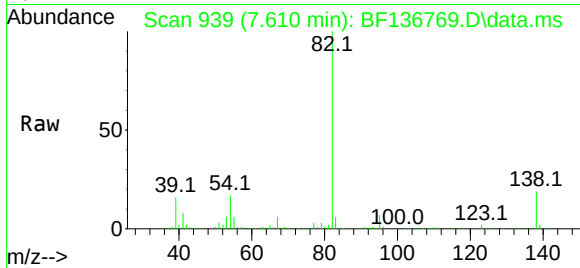
#25
Isophorone
Concen: 42.561 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01MS

Tgt Ion: 82 Resp: 428770
Ion Ratio Lower Upper
82 100
95 7.4 5.5 8.3
138 18.6 14.5 21.7

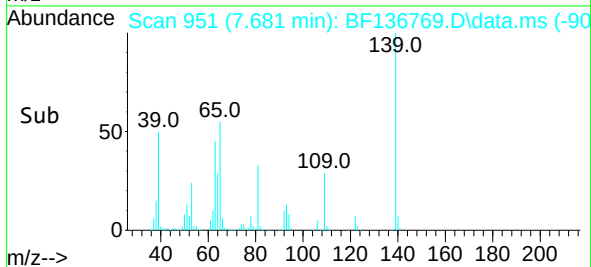
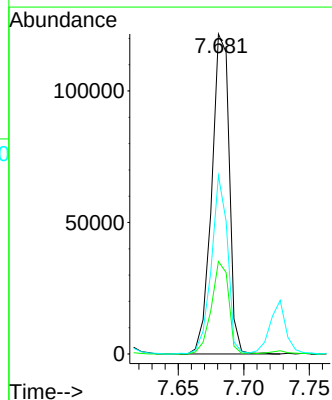
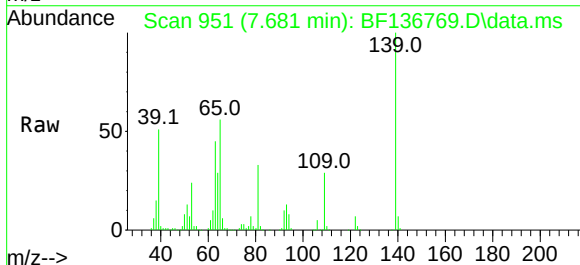
Manual Integrations
APPROVED

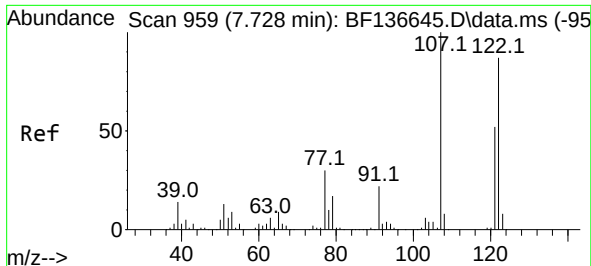
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#26
2-Nitrophenol
Concen: 42.597 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

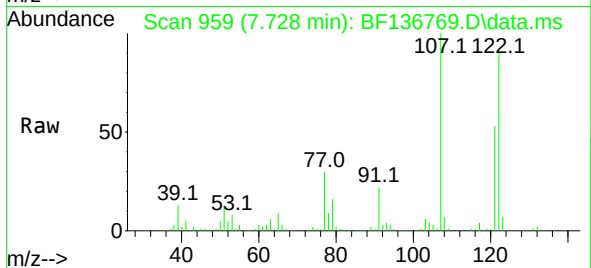
Tgt Ion:139 Resp: 113033
Ion Ratio Lower Upper
139 100
109 28.9 21.9 32.9
65 55.8 38.6 58.0





#27
2,4-Dimethylphenol
Concen: 51.827 ng
RT: 7.728 min Scan# 959
Delta R.T. 0.000 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

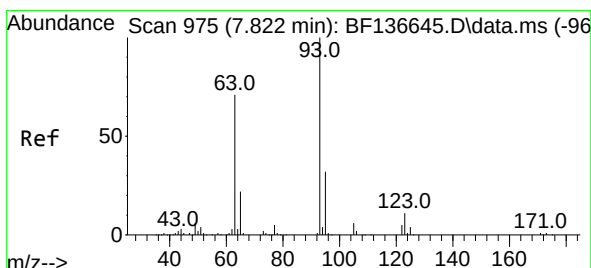
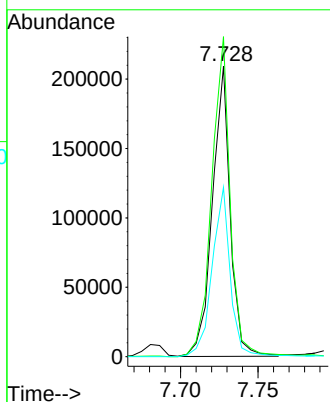
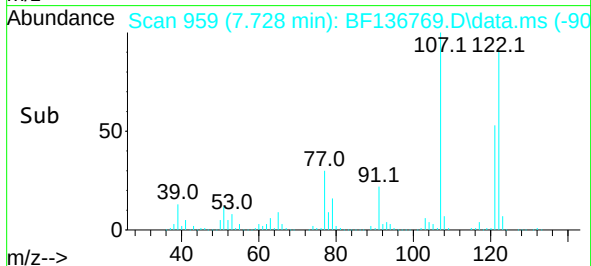
Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01MS



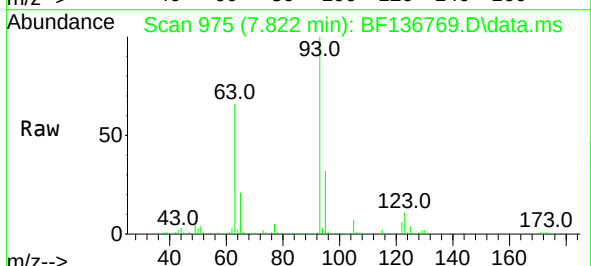
Tgt Ion:122 Resp: 167428
Ion Ratio Lower Upper
122 100
107 110.1 92.0 138.0
121 58.3 47.5 71.3

Manual Integrations
APPROVED

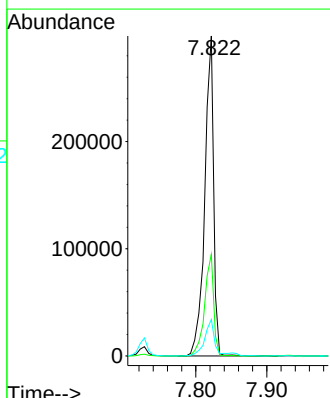
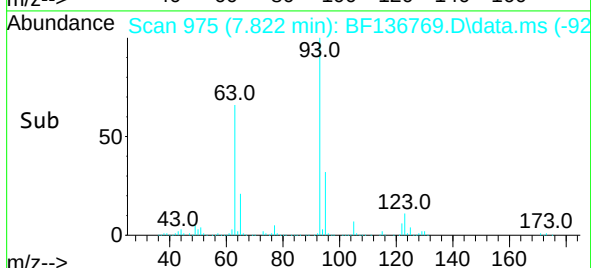
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

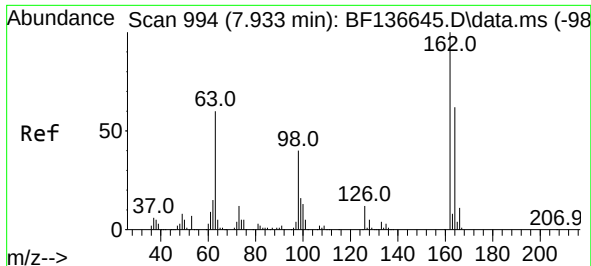


#28
bis(2-Chloroethoxy)methane
Concen: 42.617 ng
RT: 7.822 min Scan# 975
Delta R.T. 0.000 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59



Tgt Ion: 93 Resp: 260972
Ion Ratio Lower Upper
93 100
95 31.8 25.5 38.3
123 11.4 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 42.837 ng

RT: 7.928 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF136769.D

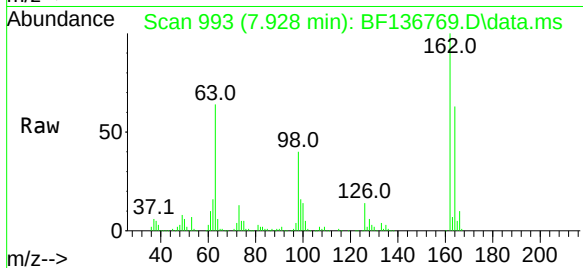
Acq: 27 Dec 2023 20:59

Instrument :

BNA_F

ClientSampleId :

WC-LIQUIDS-20231213-01MS



Tgt Ion:162 Resp: 178158

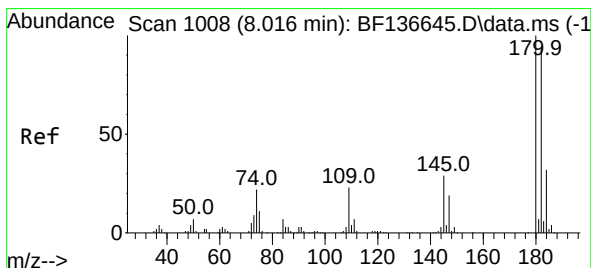
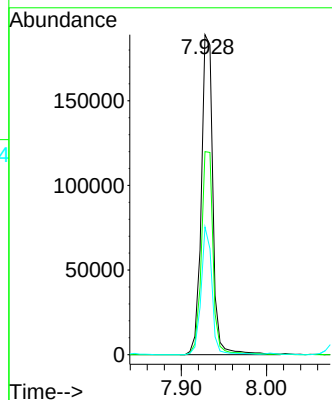
Ion	Ratio	Lower	Upper
162	100		
164	63.5	41.7	81.7
98	39.9	19.5	59.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#30

1,2,4-Trichlorobenzene

Concen: 41.306 ng

RT: 8.004 min Scan# 1006

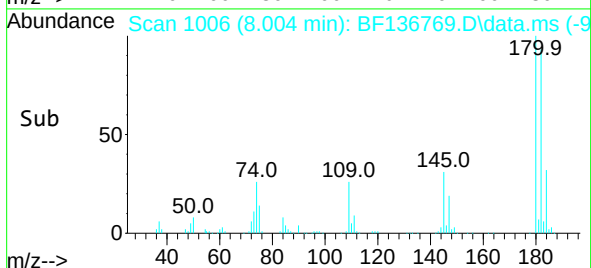
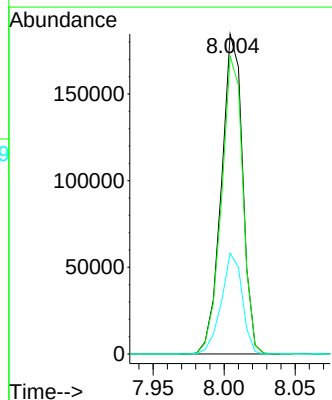
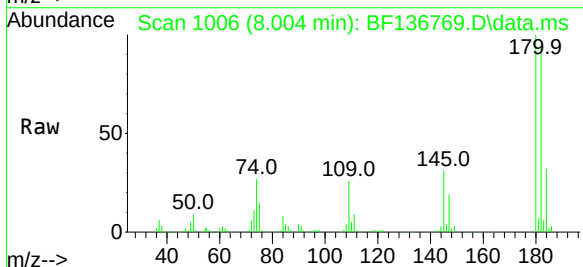
Delta R.T. -0.012 min

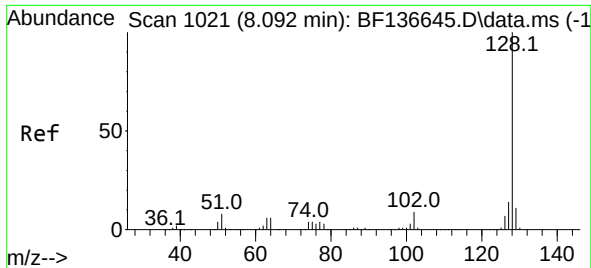
Lab File: BF136769.D

Acq: 27 Dec 2023 20:59

Tgt Ion:180 Resp: 191408

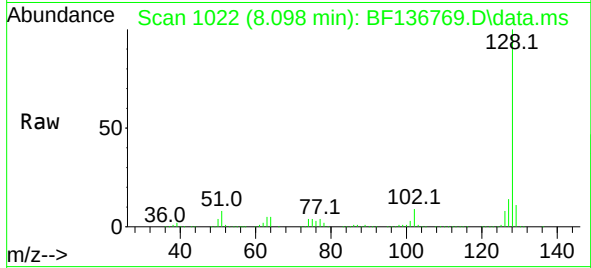
Ion	Ratio	Lower	Upper
180	100		
182	93.1	75.4	113.0
145	31.4	23.1	34.7





#31
Naphthalene
Concen: 162.756 ng
RT: 8.098 min Scan# 1021
Delta R.T. 0.006 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

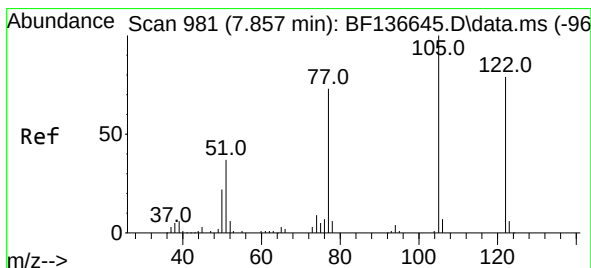
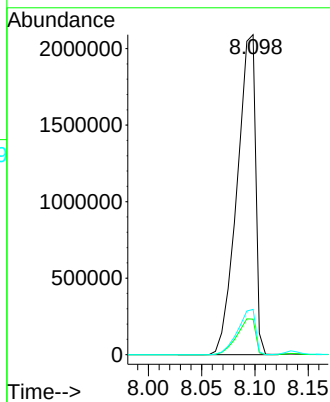
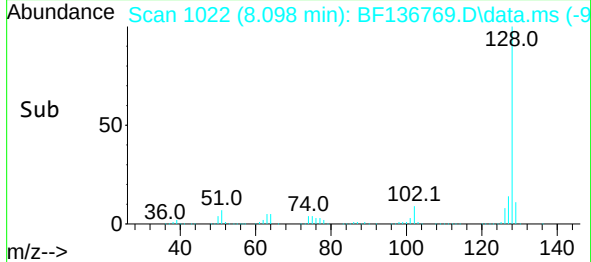
Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01MS



Tgt Ion:128 Resp: 2533178
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 14.2 10.8 16.2

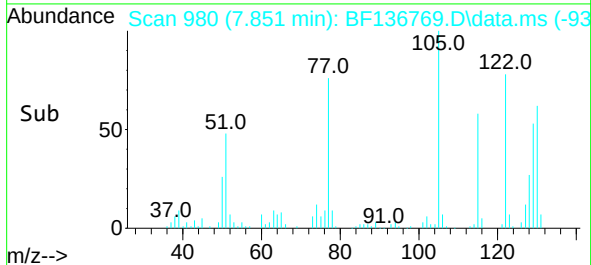
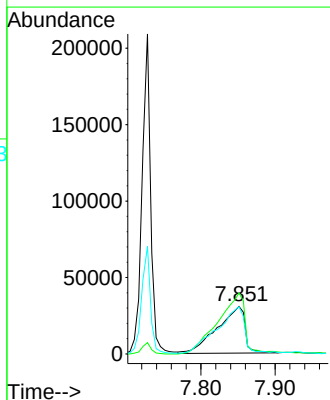
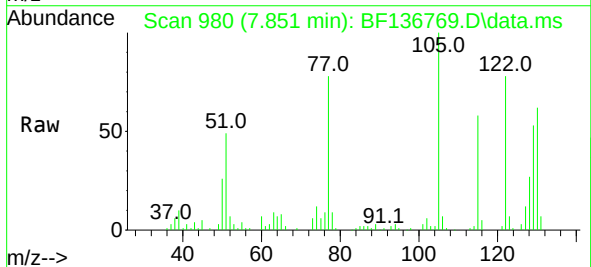
Manual Integrations
APPROVED

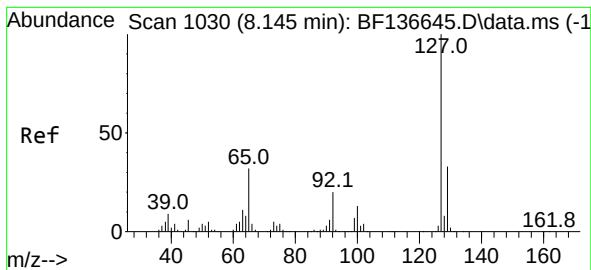
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#32
Benzoic acid
Concen: 25.445 ng
RT: 7.851 min Scan# 980
Delta R.T. -0.006 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

Tgt Ion:122 Resp: 79534
Ion Ratio Lower Upper
122 100
105 127.7 100.8 140.8
77 99.1 70.9 110.9





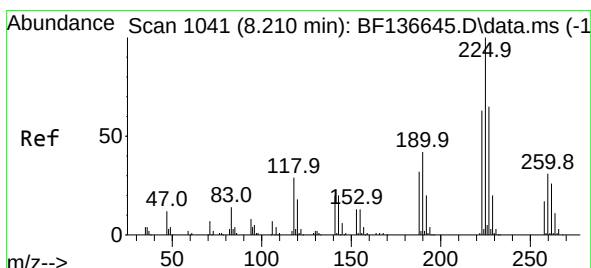
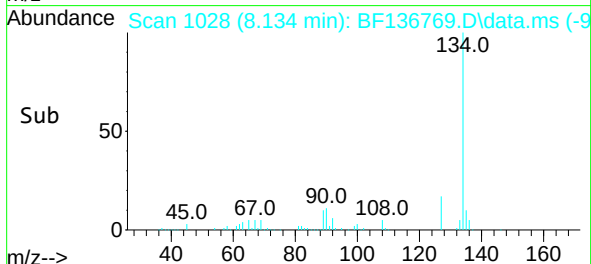
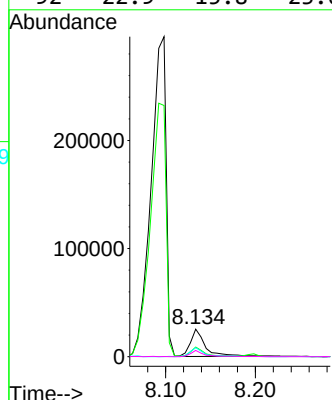
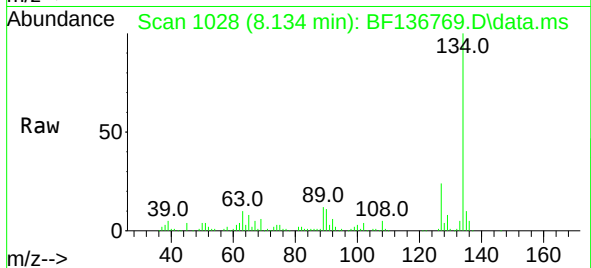
#33
4-Chloroaniline
Concen: 4.983 ng
RT: 8.134 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

Instrument : BNA_F
ClientSampleId : WC-LIQUIDS-20231213-01MS

Tgt Ion:127	Resp: 2863
Ion Ratio	Lower Upper
127 100	
129 34.9	26.3 39.5
65 32.5	25.8 38.8
92 22.9	15.8 23.6

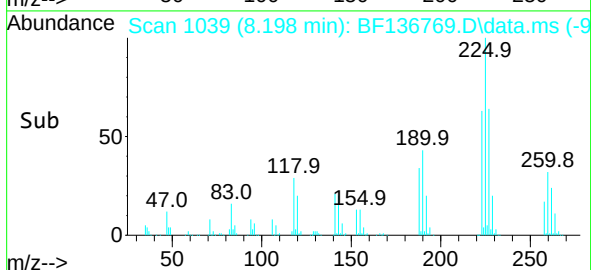
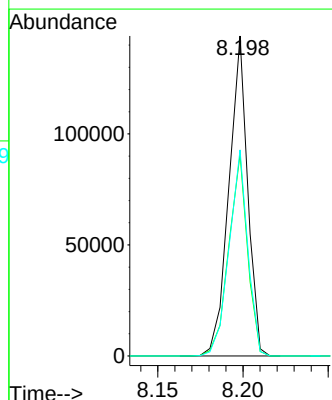
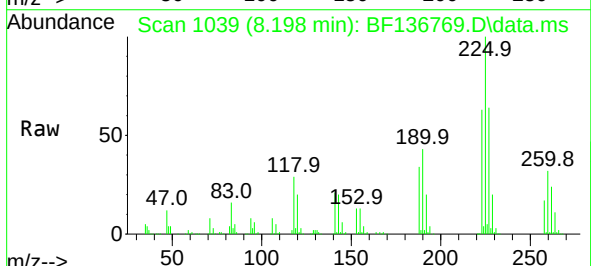
Manual Integrations
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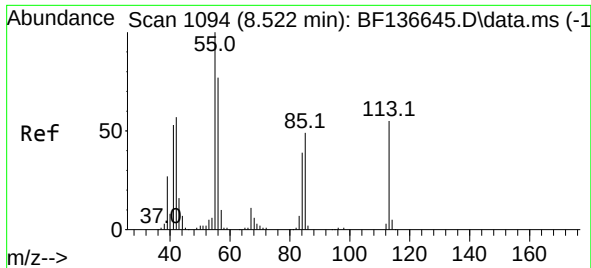
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#34
Hexachlorobutadiene
Concen: 39.128 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

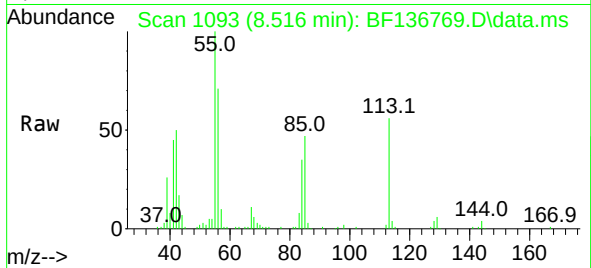
Tgt Ion:225	Resp: 110162
Ion Ratio	Lower Upper
225 100	
223 63.0	50.6 76.0
227 64.4	51.9 77.9





#35
 Caprolactam
 Concen: 38.705 ng m
 RT: 8.516 min Scan# 1093
 Delta R.T. -0.006 min
 Lab File: BF136769.D
 Acq: 27 Dec 2023 20:59

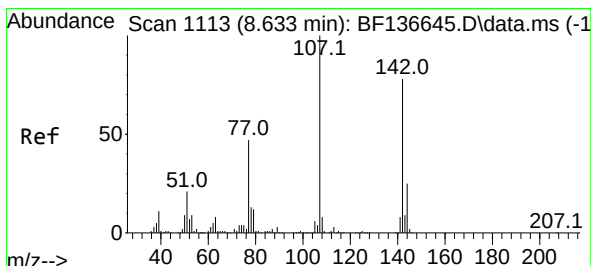
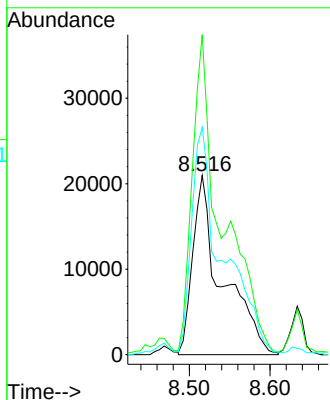
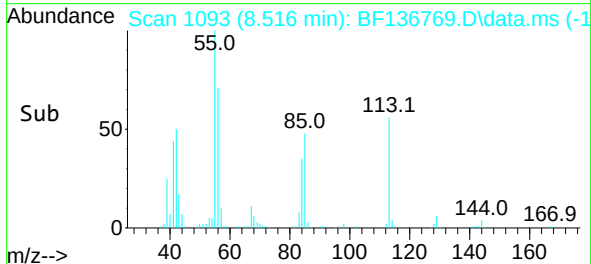
Instrument :
 BNA_F
 ClientSampleId :
 WC-LIQUIDS-20231213-01MS



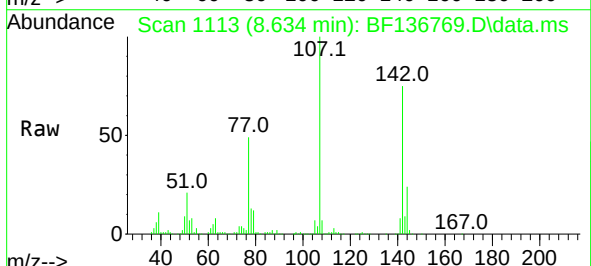
Tgt Ion:113 Resp: 5310
 Ion Ratio Lower Upper
 113 100
 55 178.5 163.1 203.1
 56 126.9 121.7 161.7

Manual Integrations
 APPROVED

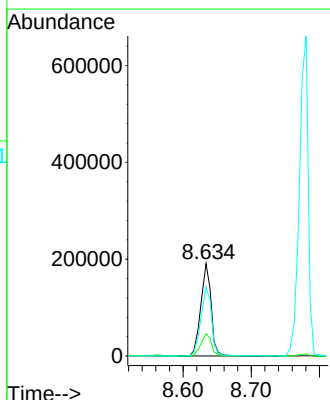
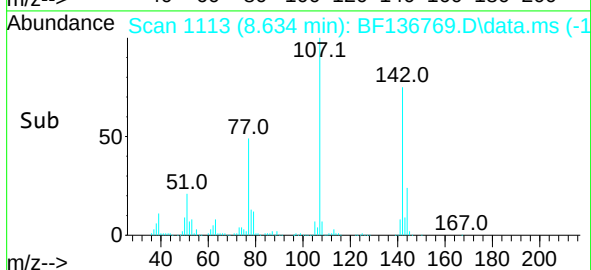
Reviewed By :Yogesh Patel 12/28/2023
 Supervised By :mohammad ahmed 12/28/2023

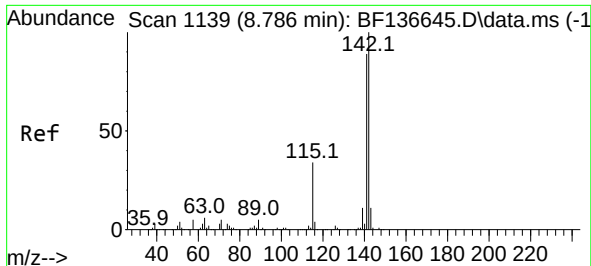


#36
 4-Chloro-3-methylphenol
 Concen: 43.020 ng
 RT: 8.634 min Scan# 1113
 Delta R.T. 0.000 min
 Lab File: BF136769.D
 Acq: 27 Dec 2023 20:59



Tgt Ion:107 Resp: 201427
 Ion Ratio Lower Upper
 107 100
 144 24.2 20.2 30.2
 142 74.7 62.3 93.5





#37

2-Methylnaphthalene

Concen: 59.588 ng

RT: 8.781 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF136769.D

Acq: 27 Dec 2023 20:59

Instrument :

BNA_F

ClientSampleId :

WC-LIQUIDS-20231213-01MS

Tgt Ion:142 Resp: 59688

Ion Ratio Lower Upper

142 100

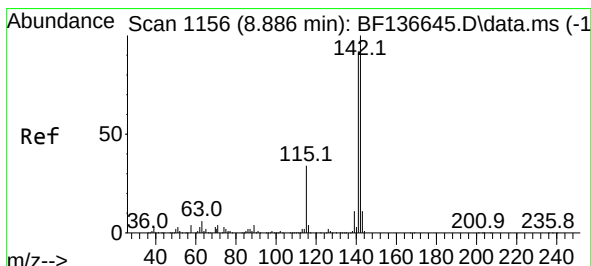
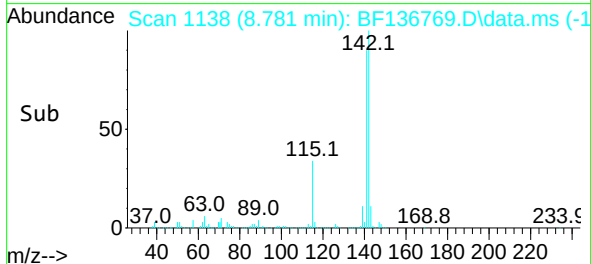
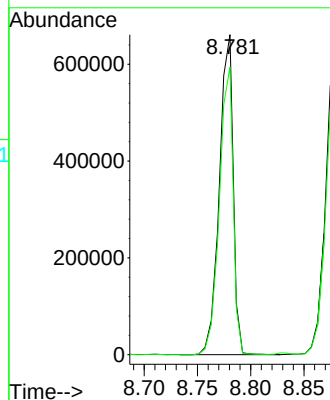
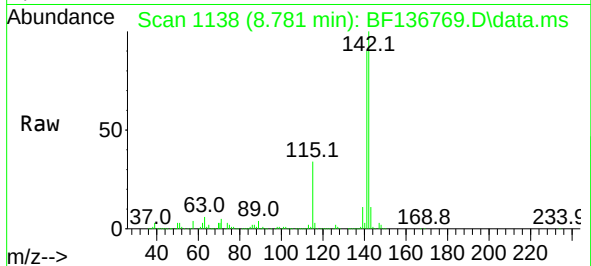
141 89.8 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#38

1-Methylnaphthalene

Concen: 55.420 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF136769.D

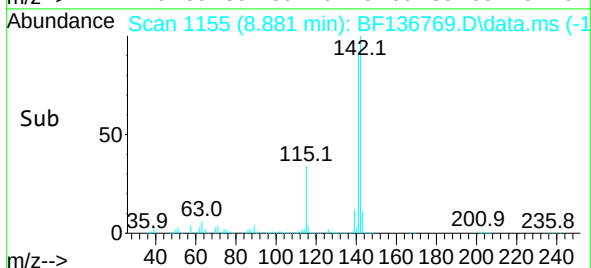
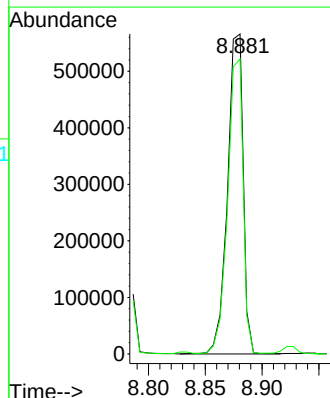
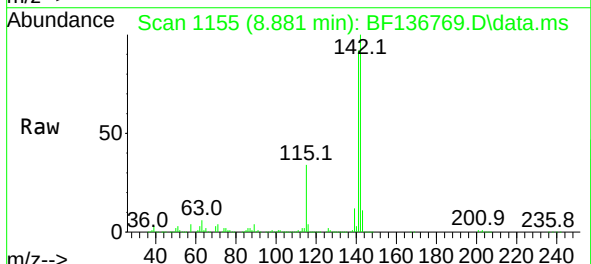
Acq: 27 Dec 2023 20:59

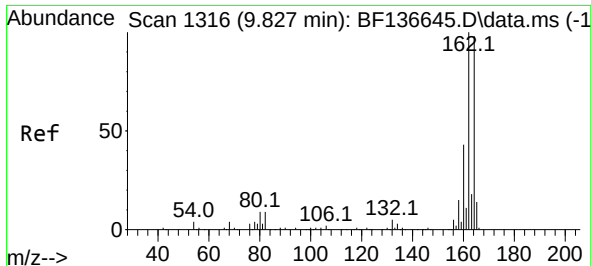
Tgt Ion:142 Resp: 544626

Ion Ratio Lower Upper

142 100

141 92.2 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF136769.D

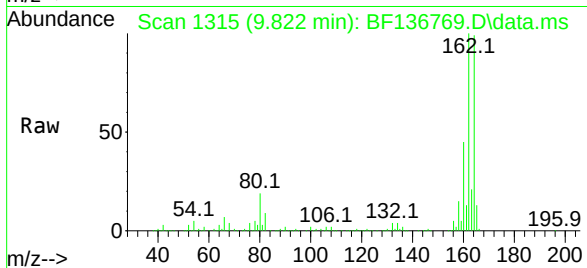
Acq: 27 Dec 2023 20:59

Instrument :

BNA_F

ClientSampleId :

WC-LIQUIDS-20231213-01MS



Tgt Ion:164 Resp: 144920

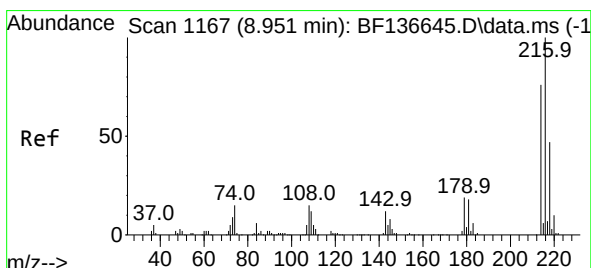
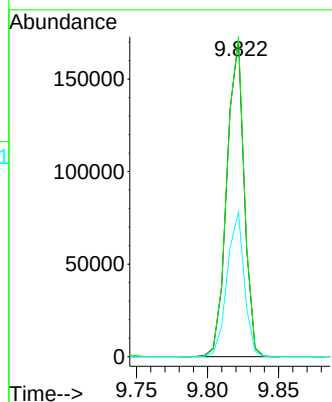
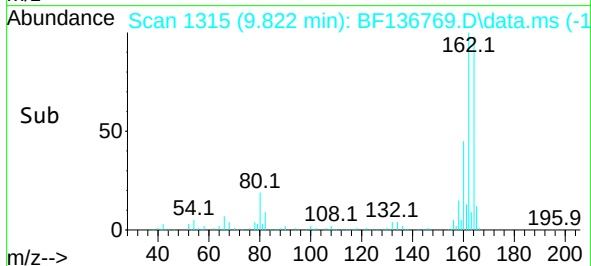
Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.6	122.4
160	45.7	34.9	52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.918 ng

RT: 8.945 min Scan# 1166

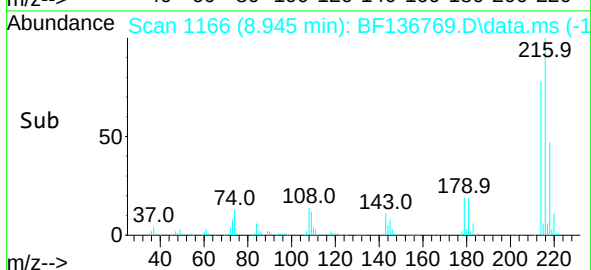
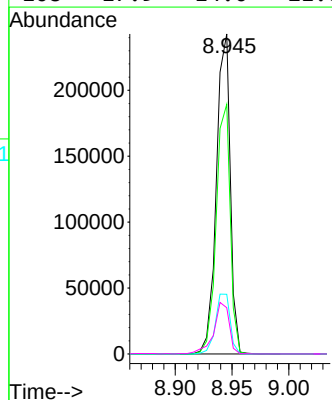
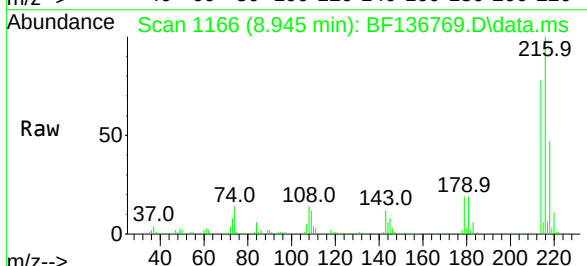
Delta R.T. -0.006 min

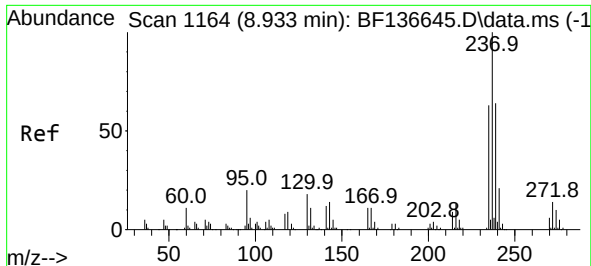
Lab File: BF136769.D

Acq: 27 Dec 2023 20:59

Tgt Ion:216 Resp: 206086

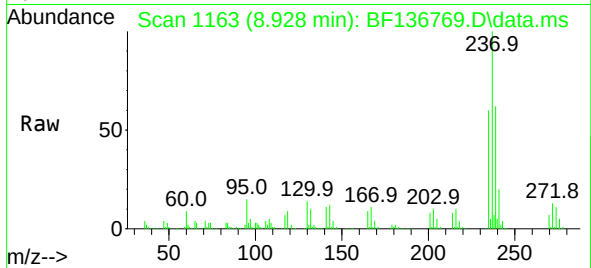
Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.3	93.5
179	19.8	16.4	24.6
108	17.9	14.0	21.0





#41
Hexachlorocyclopentadiene
Concen: 70.762 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

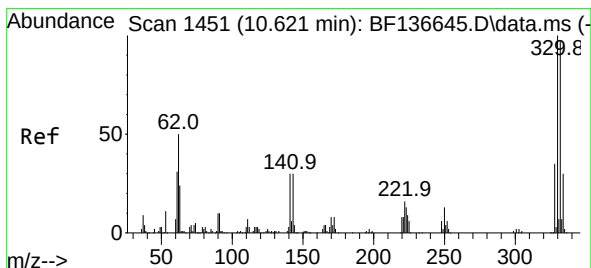
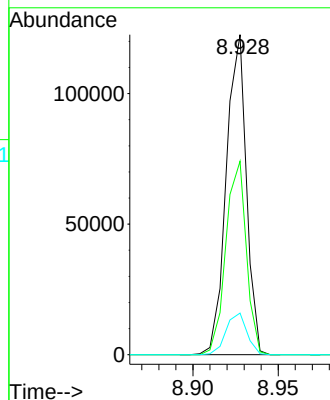
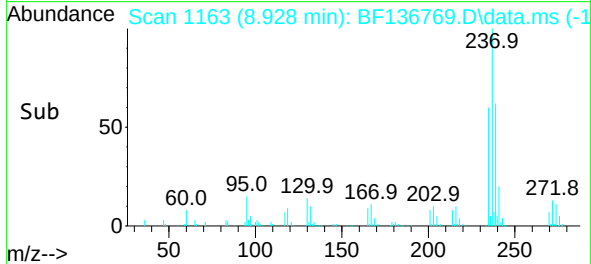
Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01MS



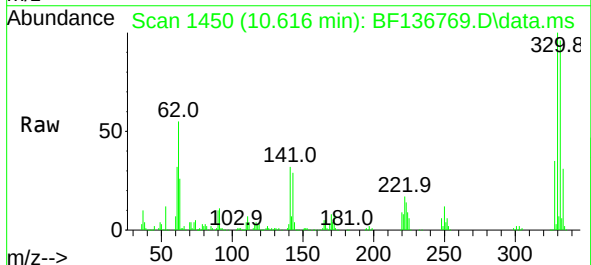
Tgt Ion: 237 Resp: 100399
Ion Ratio Lower Upper
237 100
235 60.4 43.2 83.2
272 13.0 0.0 34.2

Manual Integrations
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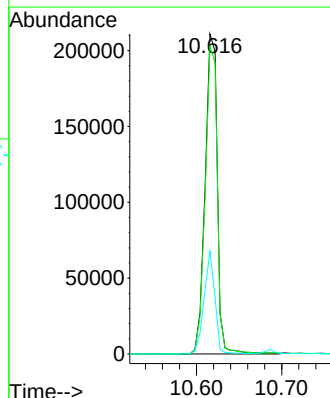
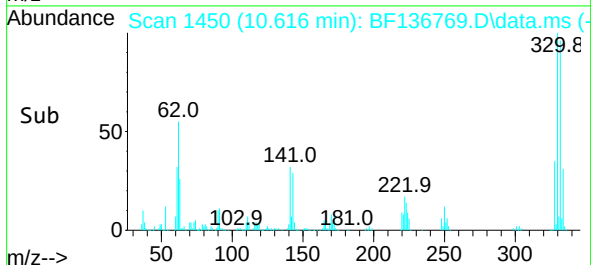
Reviewed By : Yogesh Patel 12/28/2023
Supervised By : mohammad ahmed 12/28/2023

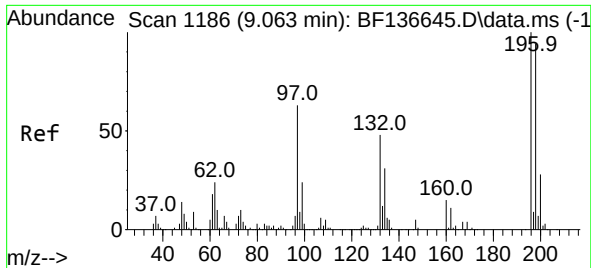


#42
2,4,6-Tribromophenol
Concen: 122.417 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59



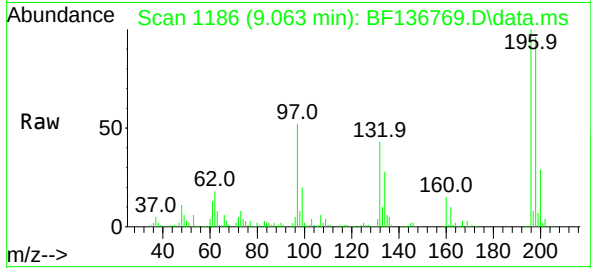
Tgt Ion: 330 Resp: 208936
Ion Ratio Lower Upper
330 100
332 95.8 77.4 116.0
141 28.7 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 45.113 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

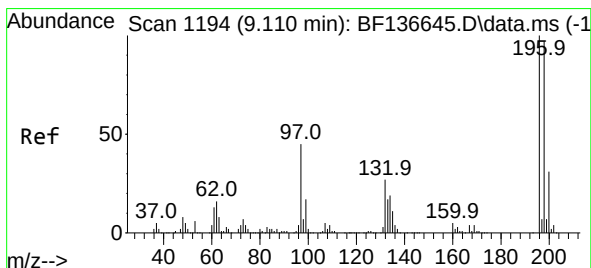
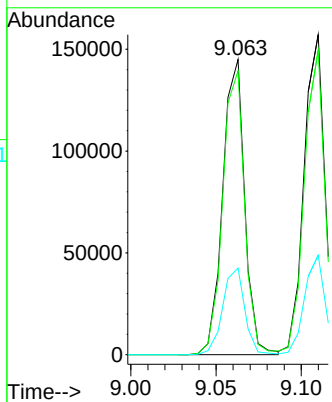
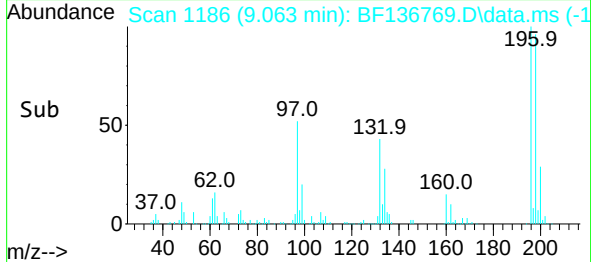
Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01MS



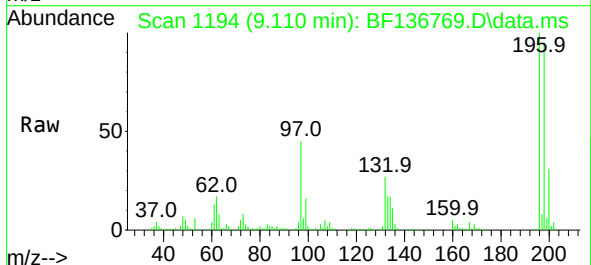
Tgt Ion:196 Resp: 129850
Ion Ratio Lower Upper
196 100
198 96.1 75.1 112.7
200 29.3 22.5 33.7

Manual Integrations
APPROVED

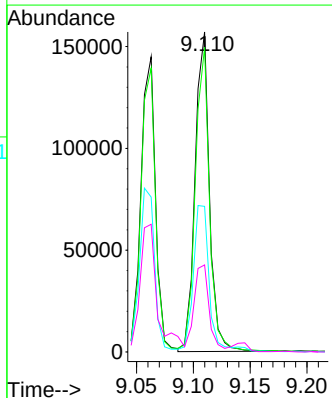
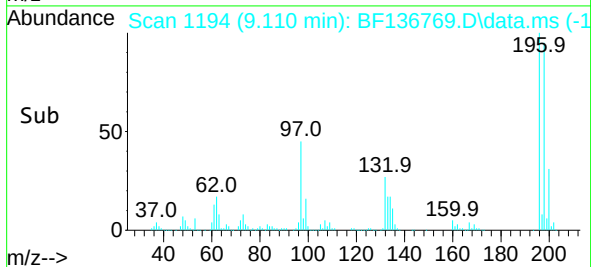
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

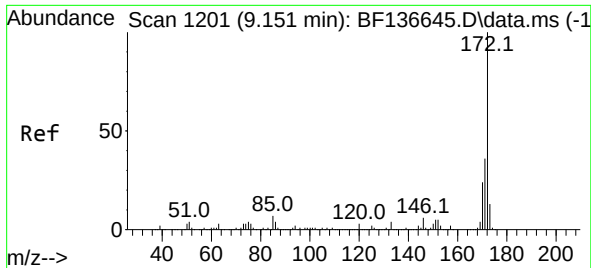


#44
2,4,5-Trichlorophenol
Concen: 43.360 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59



Tgt Ion:196 Resp: 139075
Ion Ratio Lower Upper
196 100
198 95.2 77.0 115.6
97 45.5 36.1 54.1
132 27.2 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 85.230 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF136769.D

Acq: 27 Dec 2023 20:59

Instrument :

BNA_F

ClientSampleId :

WC-LIQUIDS-20231213-01MS

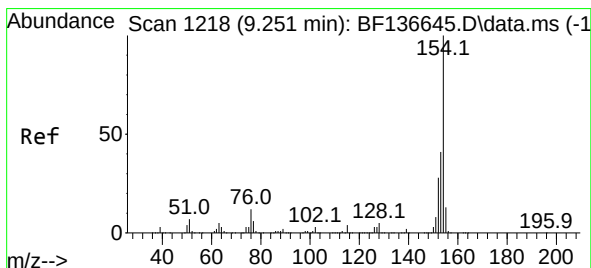
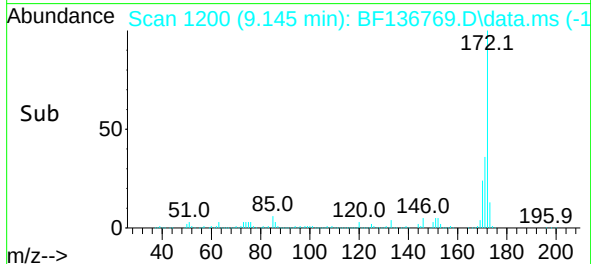
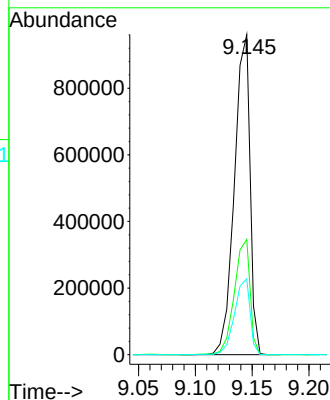
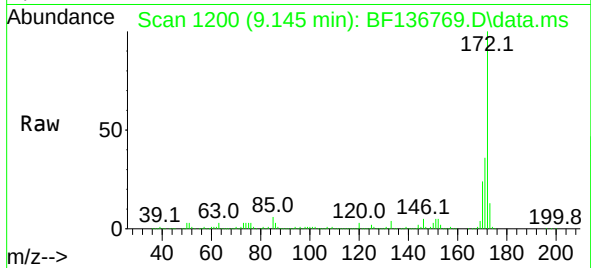
Tgt Ion:172 Resp: 91834
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 23.7 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#46

1,1'-Biphenyl

Concen: 47.076 ng

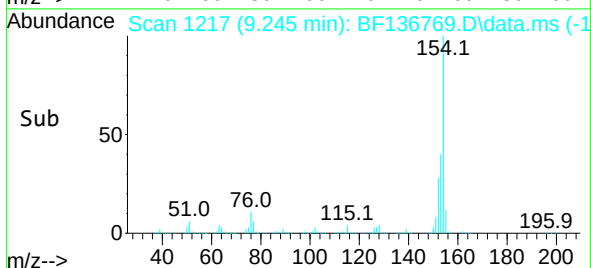
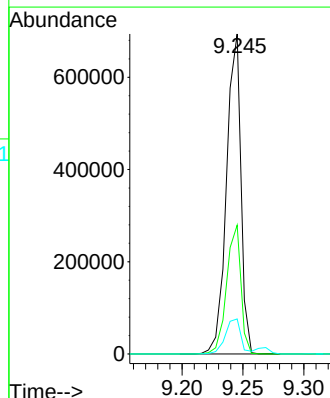
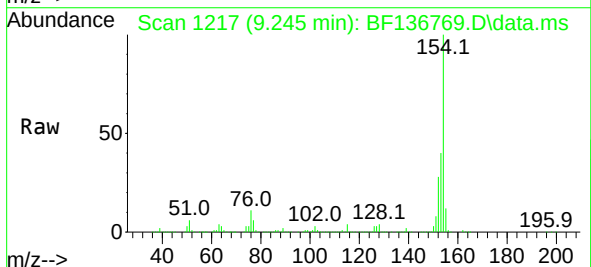
RT: 9.245 min Scan# 1217

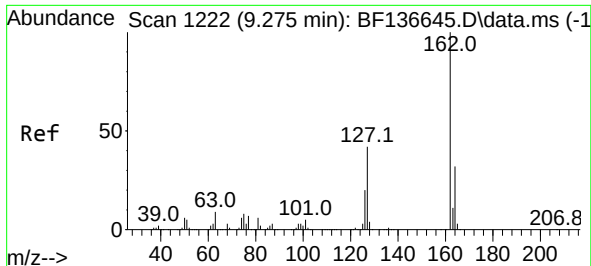
Delta R.T. -0.006 min

Lab File: BF136769.D

Acq: 27 Dec 2023 20:59

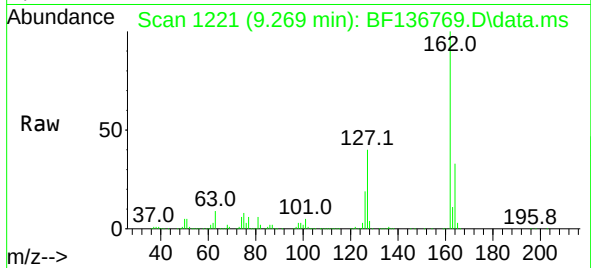
Tgt Ion:154 Resp: 572494
 Ion Ratio Lower Upper
 154 100
 153 40.2 21.1 61.1
 76 10.9 0.0 31.7





#47
2-Chloronaphthalene
Concen: 43.002 ng
RT: 9.269 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

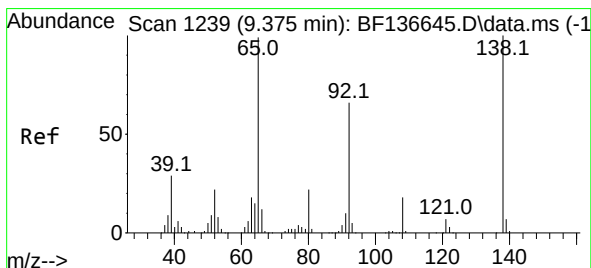
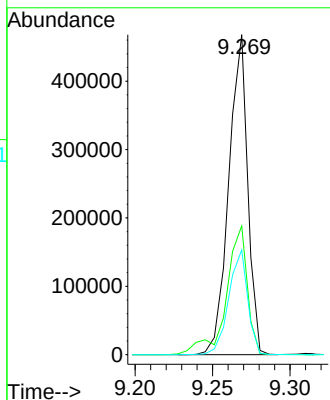
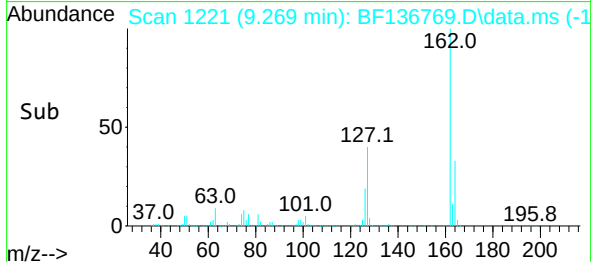
Instrument : BNA_F
ClientSampleId : WC-LIQUIDS-20231213-01MS



Tgt Ion:162 Resp: 39755
Ion Ratio Lower Upper
162 100
127 40.3 33.6 50.4
164 32.7 25.7 38.5

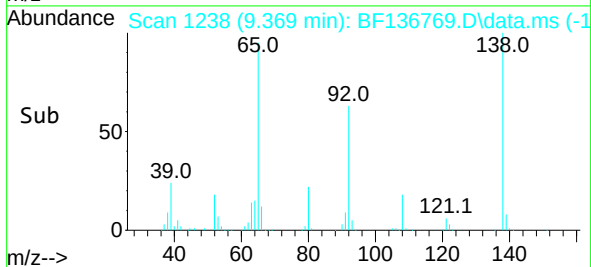
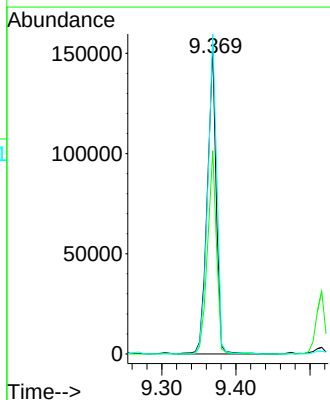
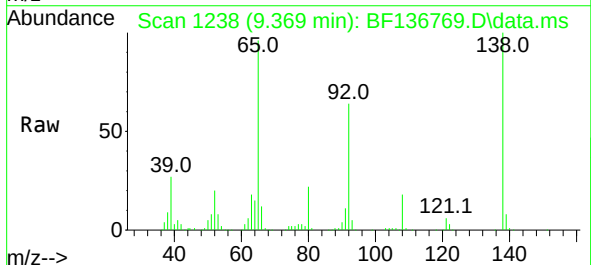
Manual Integrations
APPROVED

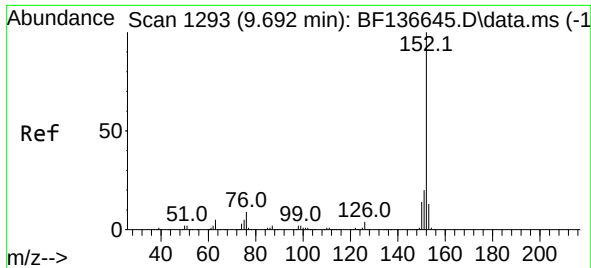
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#48
2-Nitroaniline
Concen: 44.633 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

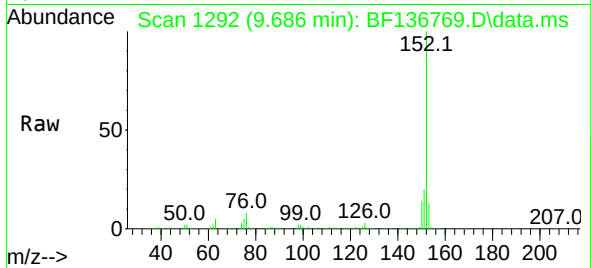
Tgt Ion: 65 Resp: 129214
Ion Ratio Lower Upper
65 100
92 66.2 53.2 79.8
138 104.3 81.1 121.7





#49
Acenaphthylene
Concen: 48.234 ng
RT: 9.686 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

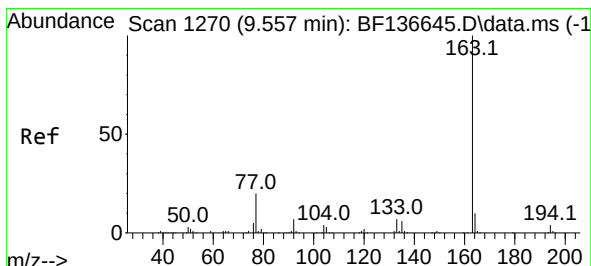
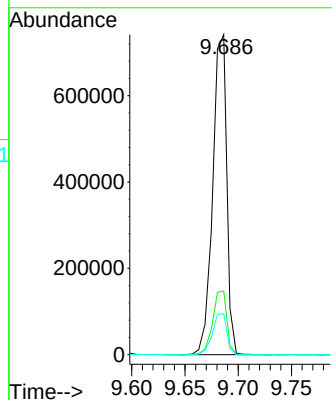
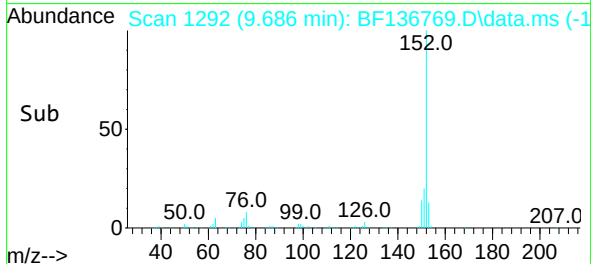
Instrument : BNA_F
ClientSampleId : WC-LIQUIDS-20231213-01MS



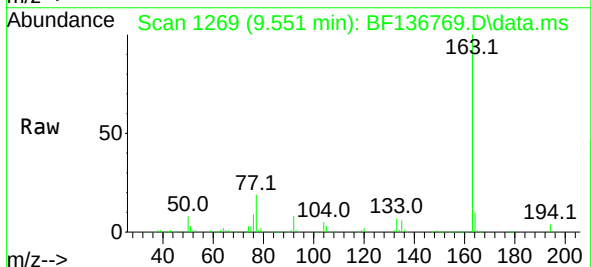
Tgt Ion:152 Resp: 68159
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4
153 12.7 10.2 15.2

Manual Integrations
APPROVED

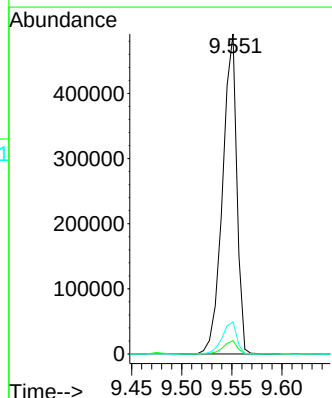
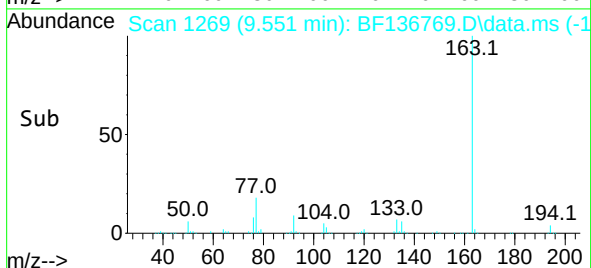
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

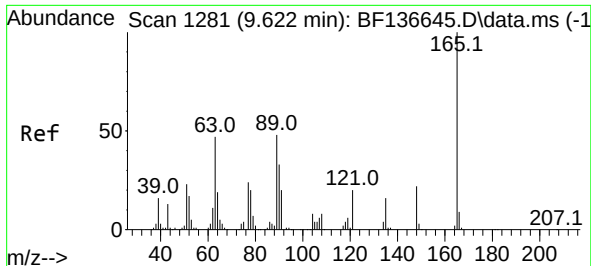


#50
Dimethylphthalate
Concen: 45.792 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59



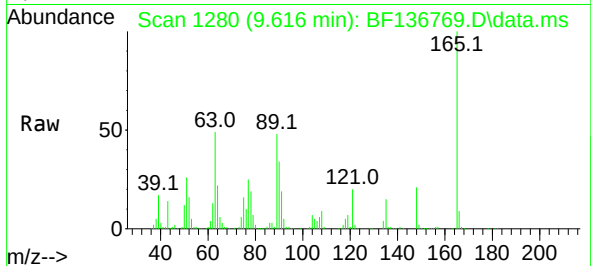
Tgt Ion:163 Resp: 484717
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.1 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 43.471 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

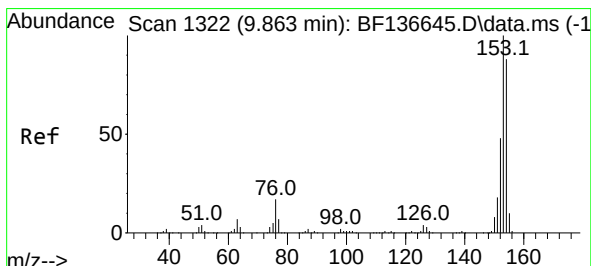
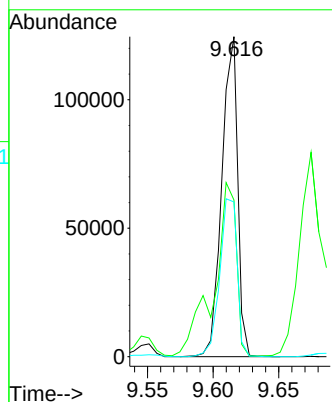
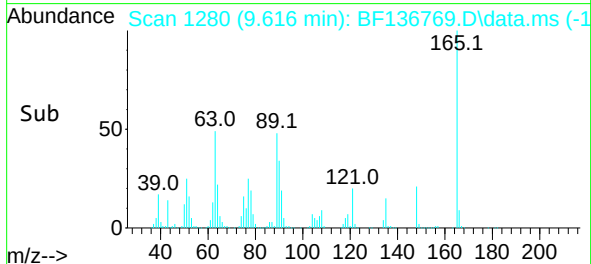
Instrument : BNA_F
ClientSampleId : WC-LIQUIDS-20231213-01MS



Tgt Ion:165 Resp: 10443
Ion Ratio Lower Upper
165 100
63 48.9 39.8 59.6
89 48.4 38.8 58.2

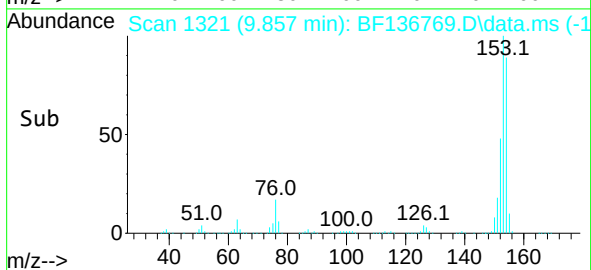
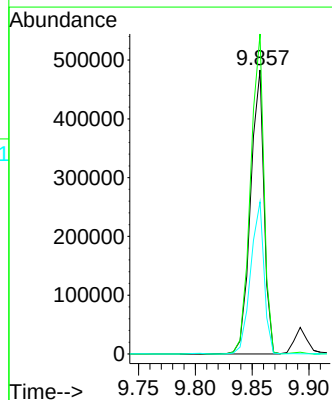
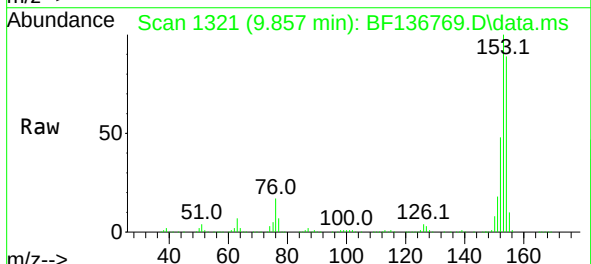
Manual Integrations
APPROVED

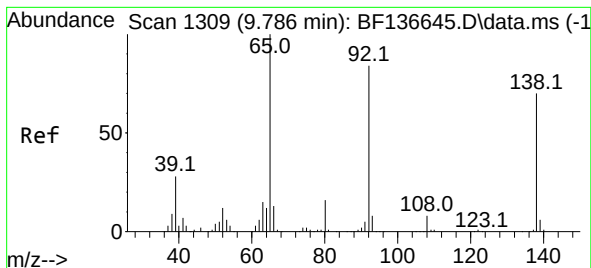
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#52
Acenaphthene
Concen: 45.718 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

Tgt Ion:154 Resp: 400462
Ion Ratio Lower Upper
154 100
153 112.6 90.7 136.1
152 53.5 43.7 65.5





#53

3-Nitroaniline

Concen: 23.554 ng

RT: 9.781 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136769.D

Acq: 27 Dec 2023 20:59

Instrument :

BNA_F

ClientSampleId :

WC-LIQUIDS-20231213-01MS

Tgt Ion:138 Resp: 5994

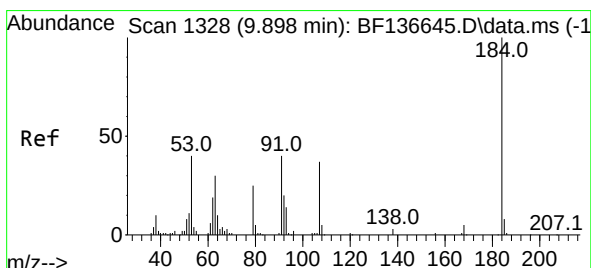
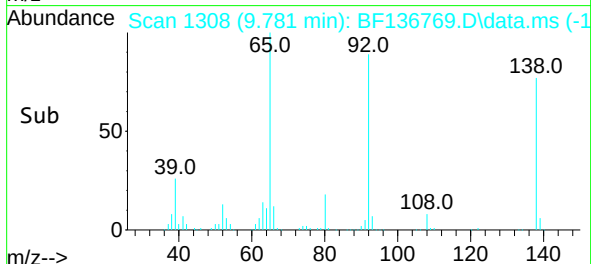
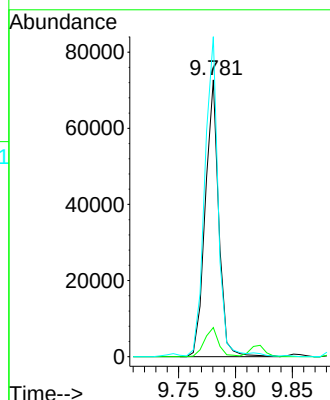
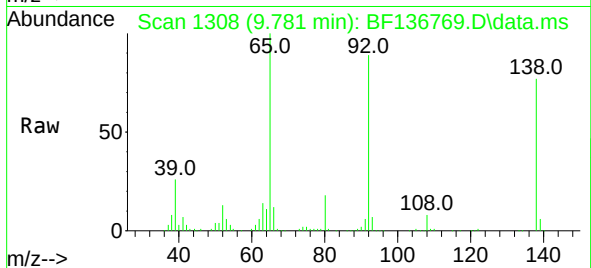
Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.6	12.8
92	115.6	95.2	142.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#54

2,4-Dinitrophenol

Concen: 50.545 ng

RT: 9.892 min Scan# 1327

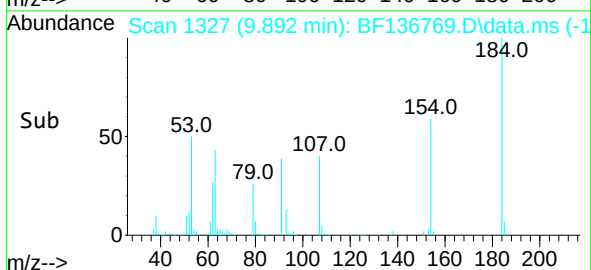
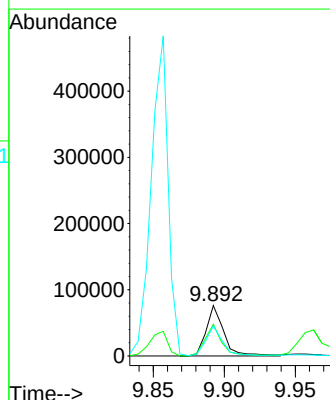
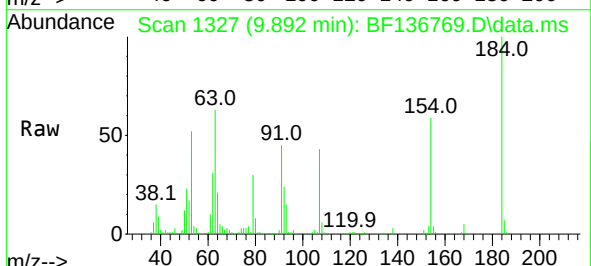
Delta R.T. -0.006 min

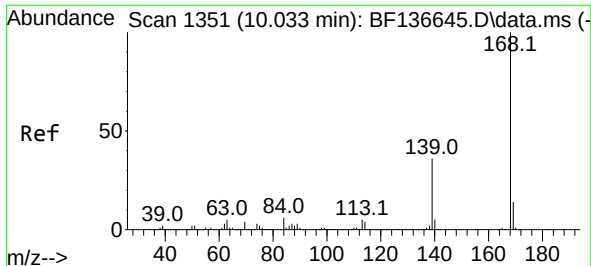
Lab File: BF136769.D

Acq: 27 Dec 2023 20:59

Tgt Ion:184 Resp: 65377

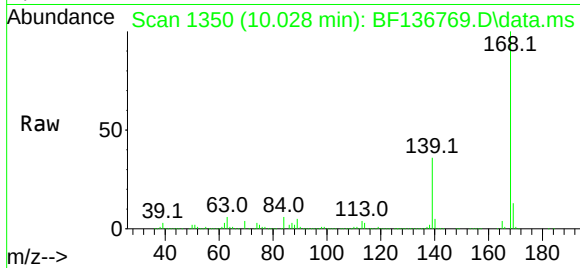
Ion	Ratio	Lower	Upper
184	100		
63	62.9	40.9	61.3#
154	59.4	42.7	64.1





#55
Dibenzenofuran
Concen: 43.927 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

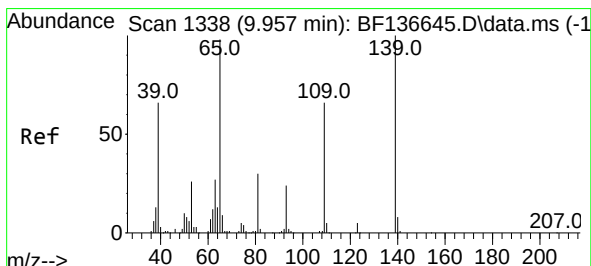
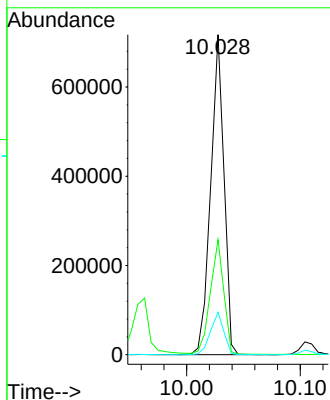
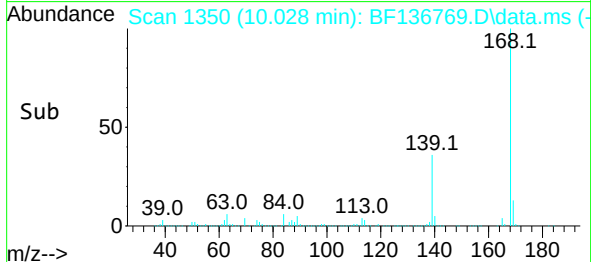
Instrument : BNA_F
ClientSampleId : WC-LIQUIDS-20231213-01MS



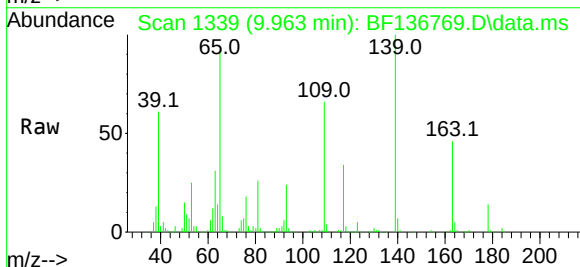
Tgt Ion:168 Resp: 583260
Ion Ratio Lower Upper
168 100
139 35.9 29.3 43.9
169 13.3 11.0 16.4

Manual Integrations
APPROVED

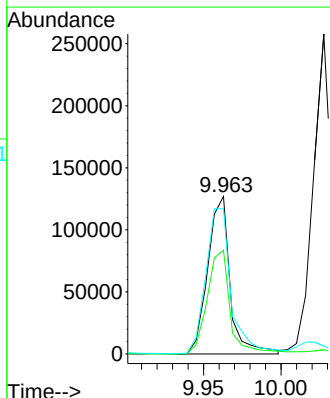
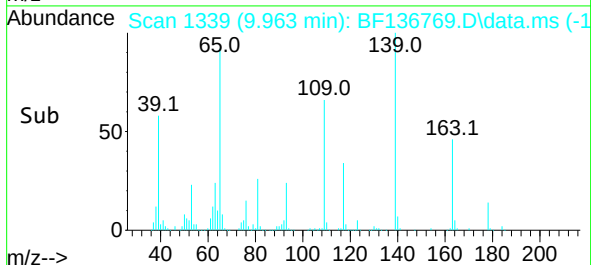
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

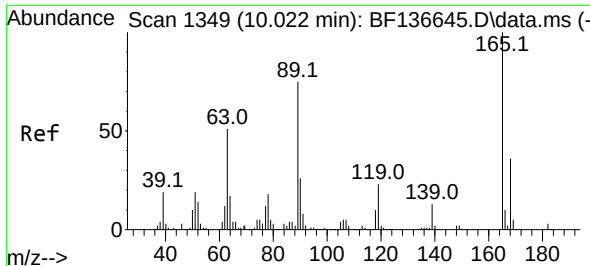


#56
4-Nitrophenol
Concen: 74.005 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59



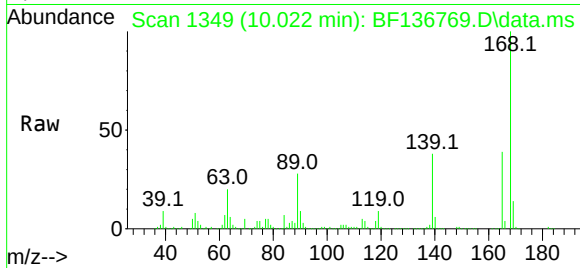
Tgt Ion:139 Resp: 127135
Ion Ratio Lower Upper
139 100
109 65.8 45.8 85.8
65 92.2 77.8 117.8





#57
2,4-Dinitrotoluene
Concen: 43.153 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

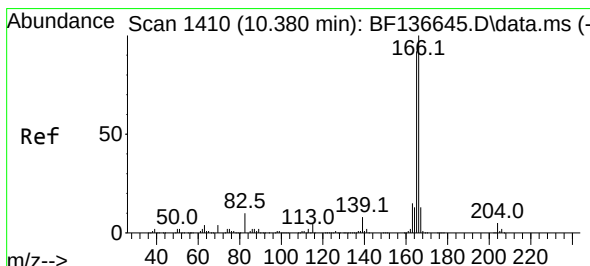
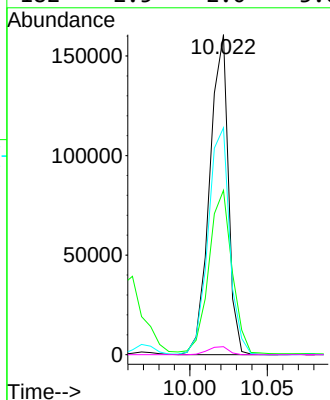
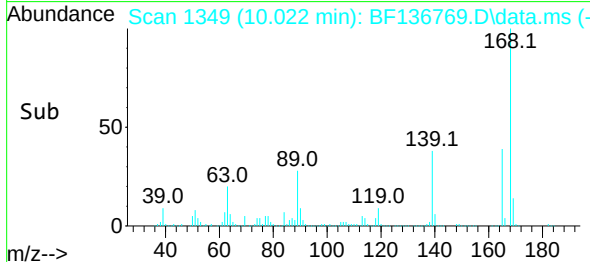
Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01MS



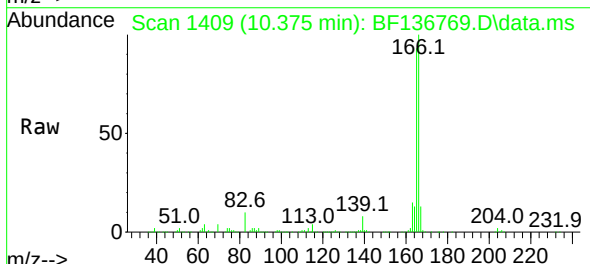
Tgt Ion:165 Resp: 134582
Ion Ratio Lower Upper
165 100
63 51.3 41.0 61.6
89 70.9 59.9 89.9
182 2.5 2.0 3.0

Manual Integrations
APPROVED

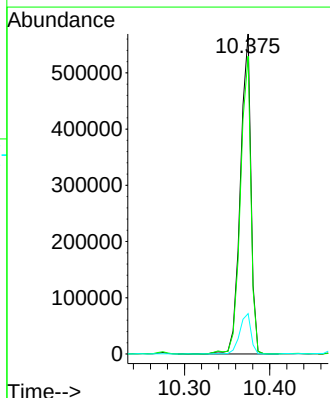
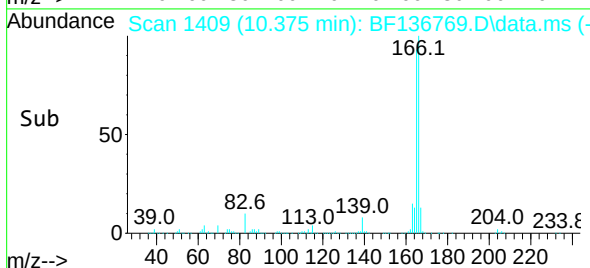
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

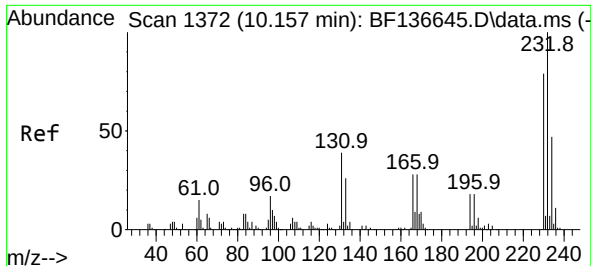


#58
Fluorene
Concen: 46.233 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59



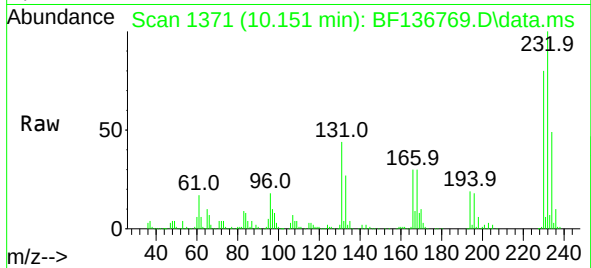
Tgt Ion:166 Resp: 487090
Ion Ratio Lower Upper
166 100
165 93.1 73.7 110.5
167 12.6 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.249 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

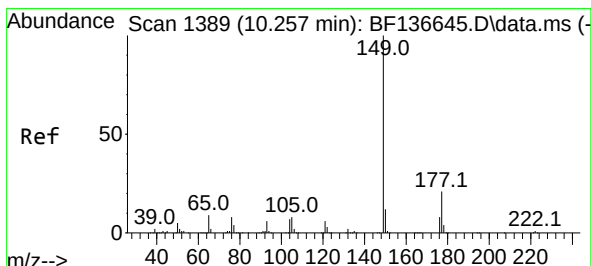
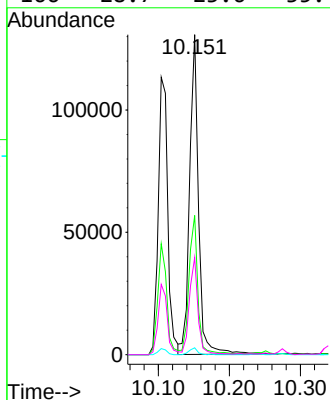
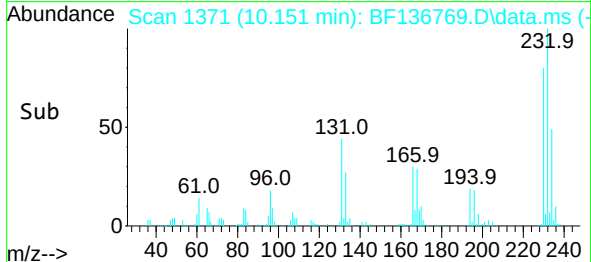
Instrument : BNA_F
ClientSampleId : WC-LIQUIDS-20231213-01MS



Tgt Ion:232 Resp: 114190
Ion Ratio Lower Upper
232 100
131 42.9 35.1 52.7
130 2.0 1.6 2.4
166 28.7 23.6 35.4

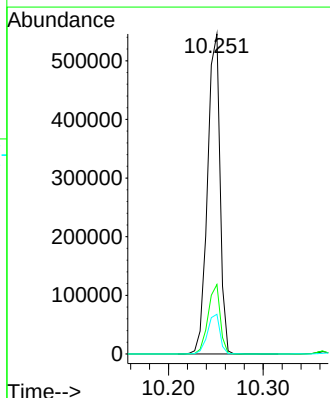
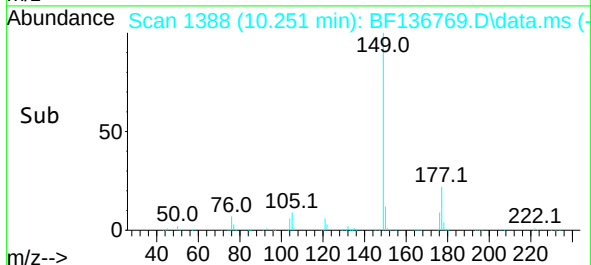
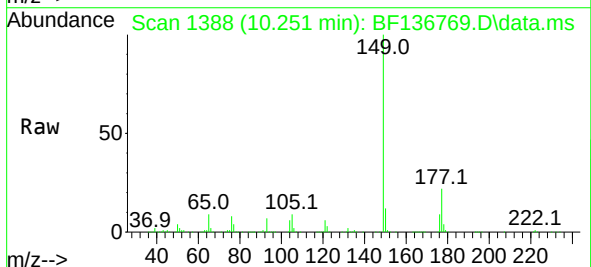
Manual Integrations
APPROVED

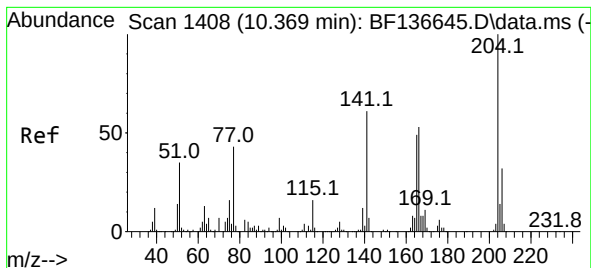
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#60
Diethylphthalate
Concen: 45.265 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

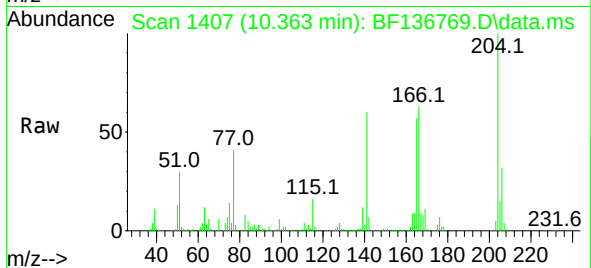
Tgt Ion:149 Resp: 497136
Ion Ratio Lower Upper
149 100
177 21.7 16.9 25.3
150 12.4 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 43.426 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

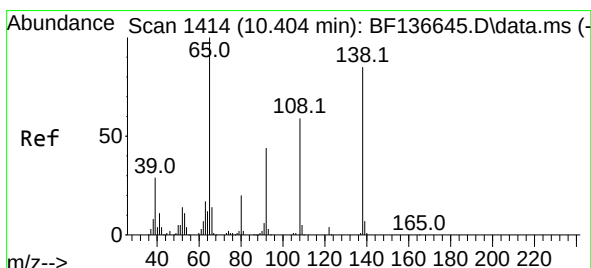
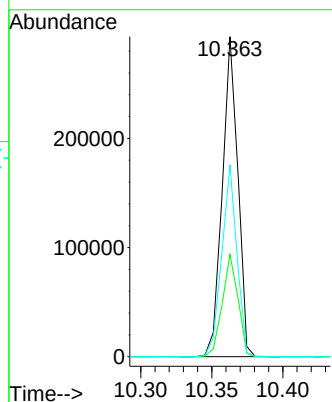
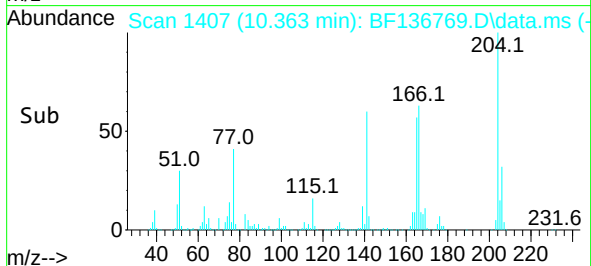
Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01MS



Tgt Ion:204 Resp: 22238
Ion Ratio Lower Upper
204 100
206 32.0 25.6 38.4
141 60.0 48.4 72.6

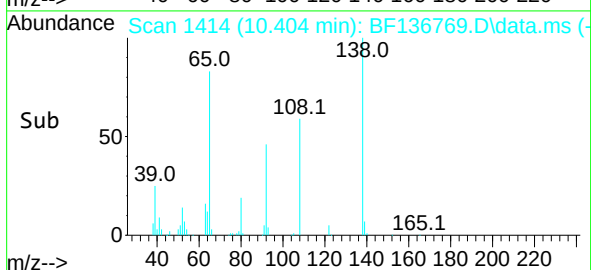
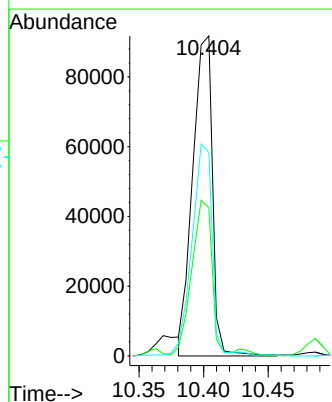
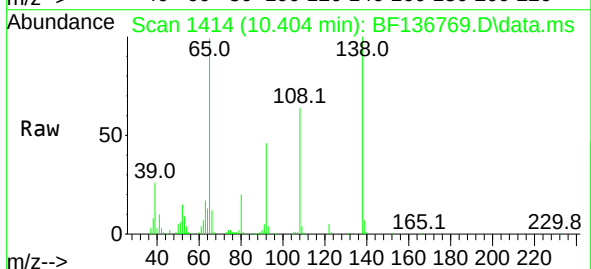
Manual Integrations
APPROVED

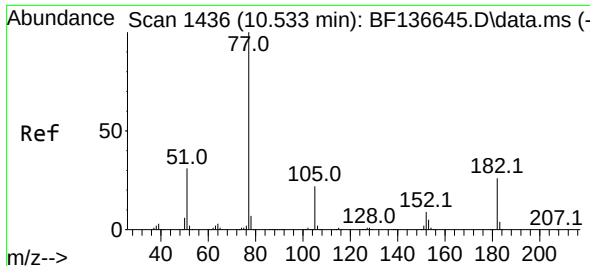
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#62
4-Nitroaniline
Concen: 39.790 ng m
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

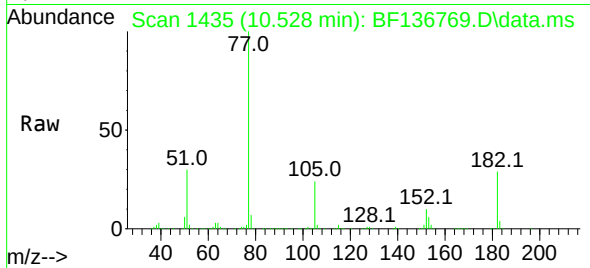
Tgt Ion:138 Resp: 97616
Ion Ratio Lower Upper
138 100
92 46.3 32.1 72.1
108 63.6 50.1 90.1





#63
Azobenzene
Concen: 43.603 ng
RT: 10.528 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

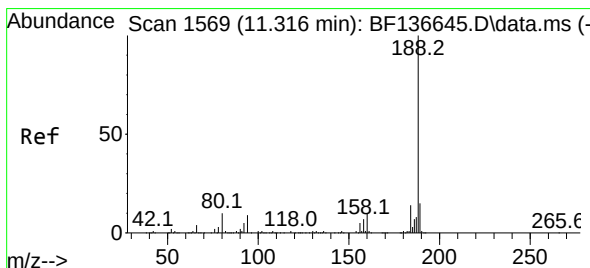
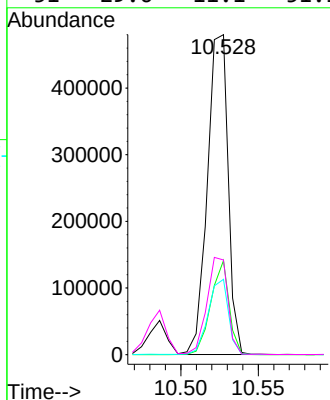
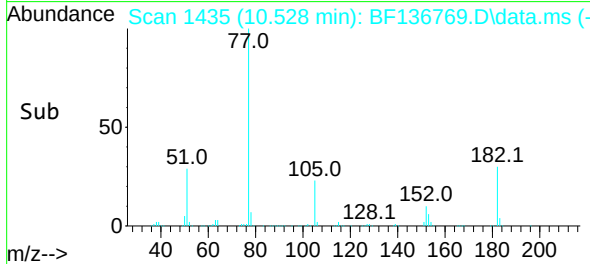
Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01MS



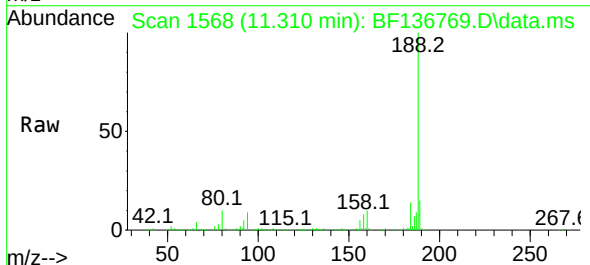
Tgt Ion: 77 Resp: 447288
Ion Ratio Lower Upper
77 100
182 29.4 6.0 46.0
105 23.5 2.3 42.3
51 29.6 11.1 51.1

Manual Integrations
APPROVED

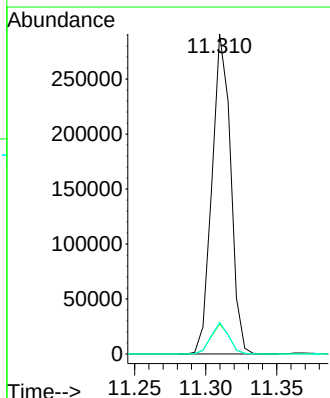
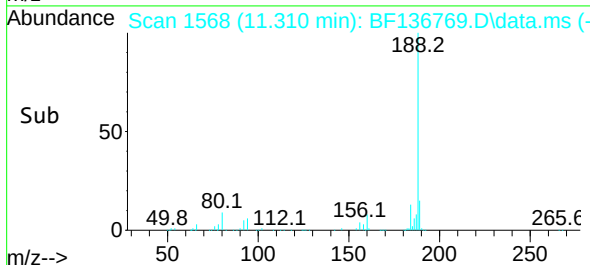
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

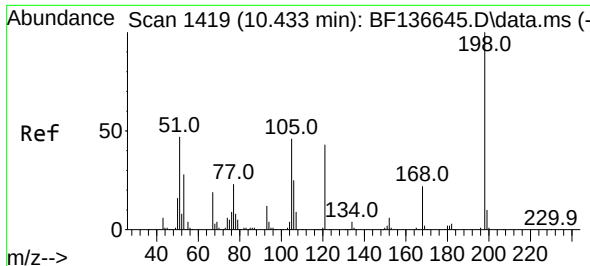


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59



Tgt Ion:188 Resp: 265046
Ion Ratio Lower Upper
188 100
94 9.5 7.5 11.3
80 9.9 8.1 12.1





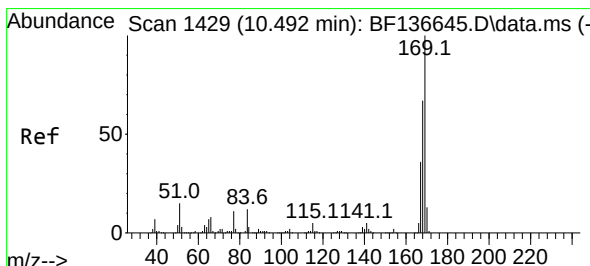
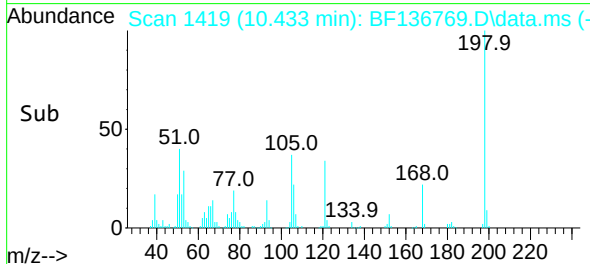
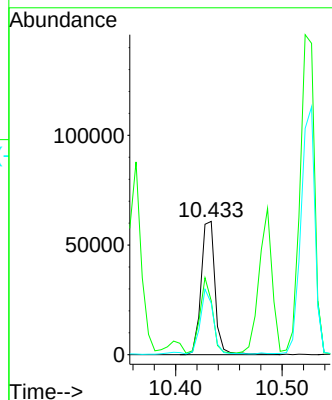
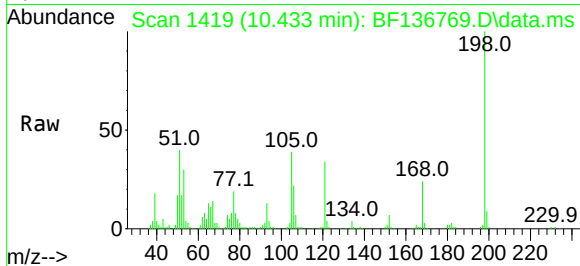
#65
4,6-Dinitro-2-methylphenol
Concen: 36.654 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01MS

Tgt Ion:198 Resp: 5567
Ion Ratio Lower Upper
198 100
51 40.4 34.1 74.1
105 38.7 27.3 67.3

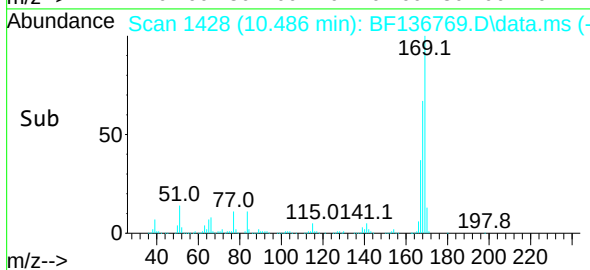
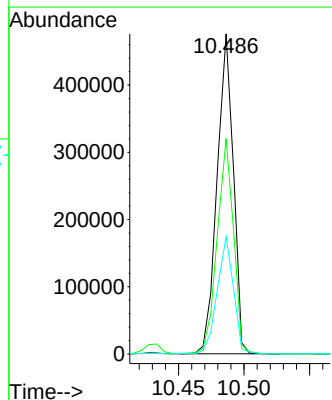
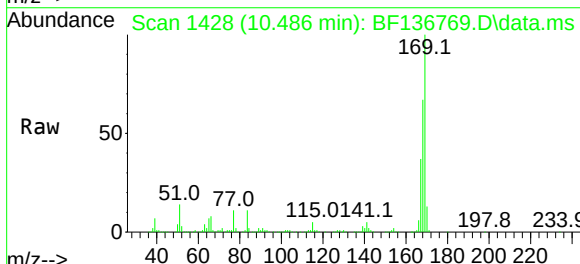
Manual Integrations
APPROVED

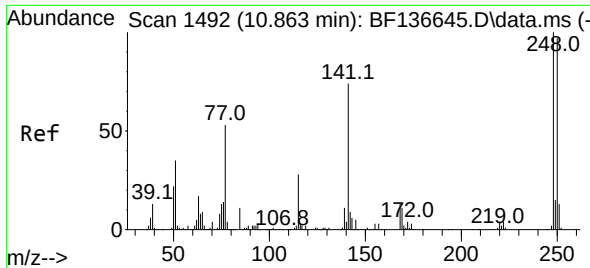
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#66
n-Nitrosodiphenylamine
Concen: 47.592 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

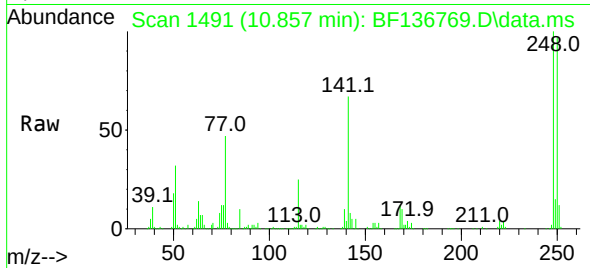
Tgt Ion:169 Resp: 409761
Ion Ratio Lower Upper
169 100
168 67.3 53.8 80.6
167 36.7 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 46.133 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

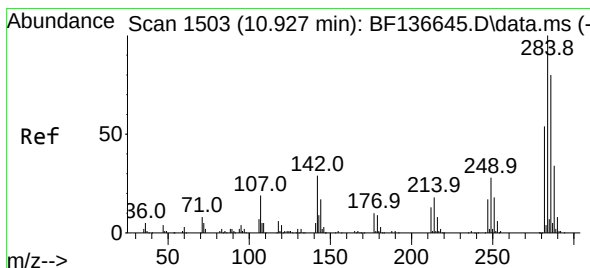
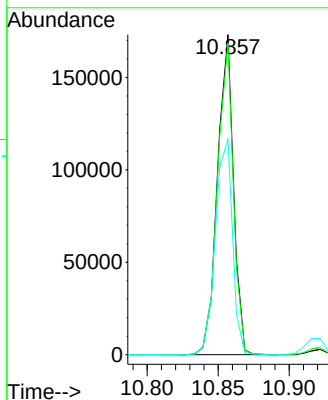
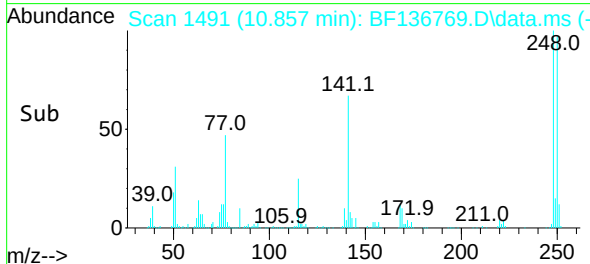
Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01MS



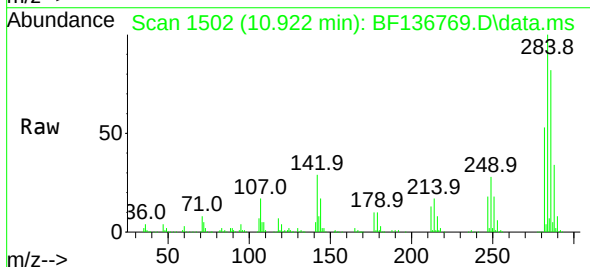
Tgt Ion:248 Resp: 135798
Ion Ratio Lower Upper
248 100
250 97.4 77.8 116.6
141 67.3 59.2 88.8

Manual Integrations
APPROVED

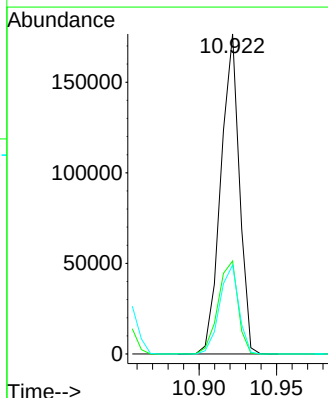
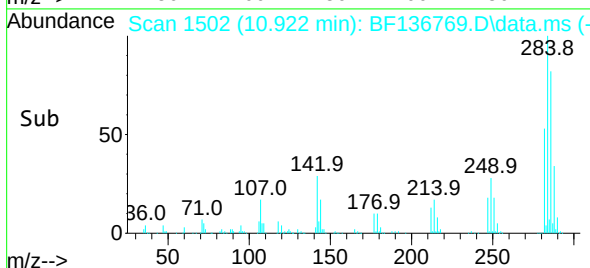
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

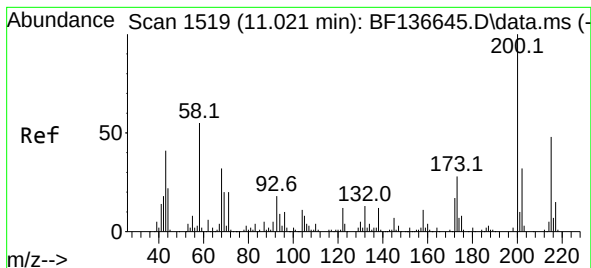


#68
Hexachlorobenzene
Concen: 44.766 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59



Tgt Ion:284 Resp: 146844
Ion Ratio Lower Upper
284 100
142 29.1 23.4 35.0
249 27.8 22.3 33.5





#69

Atrazine

Concen: 59.923 ng

RT: 11.022 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF136769.D

Acq: 27 Dec 2023 20:59

Instrument :

BNA_F

ClientSampleId :

WC-LIQUIDS-20231213-01MS

Tgt Ion:200 Resp: 131959

Ion Ratio Lower Upper

200 100

173 27.1 7.6 47.6

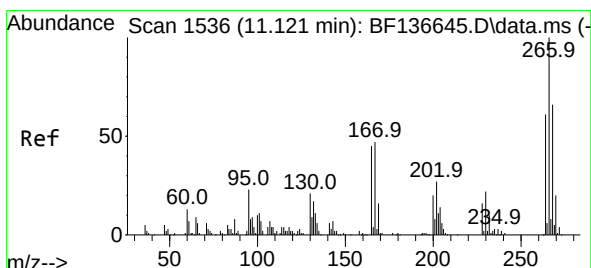
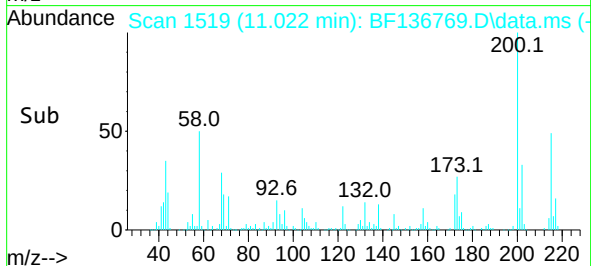
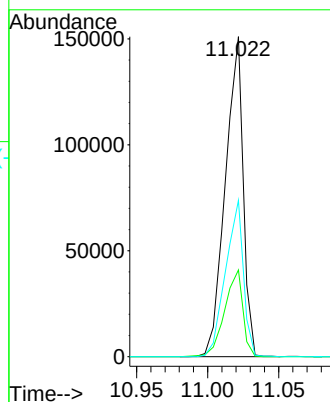
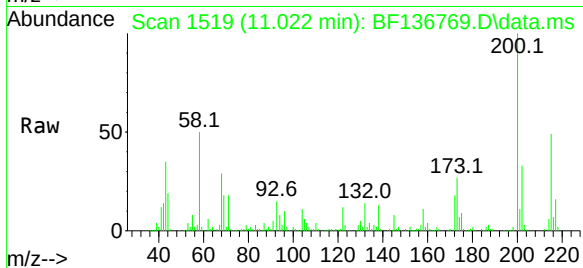
215 48.9 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#70

Pentachlorophenol

Concen: 83.094 ng

RT: 11.122 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF136769.D

Acq: 27 Dec 2023 20:59

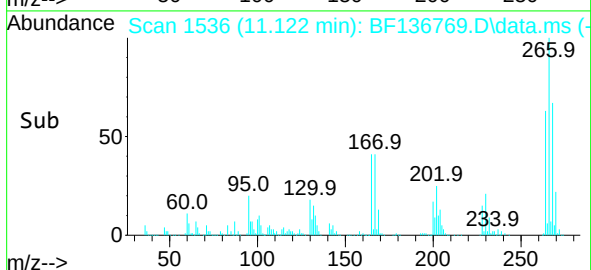
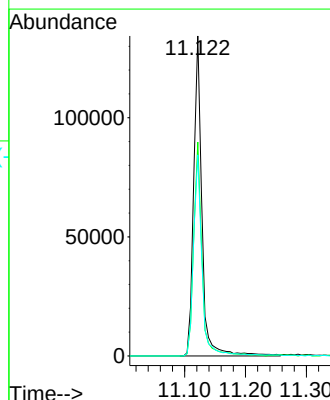
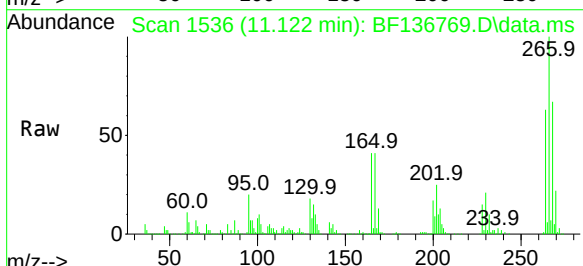
Tgt Ion:266 Resp: 127050

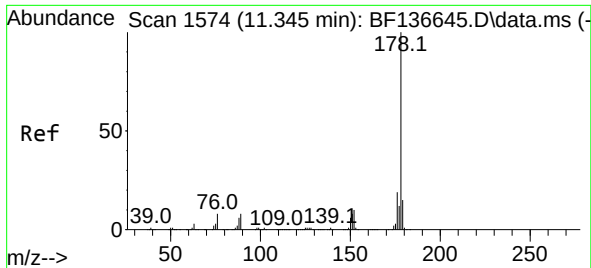
Ion Ratio Lower Upper

266 100

268 66.8 52.6 78.8

264 62.8 49.0 73.4





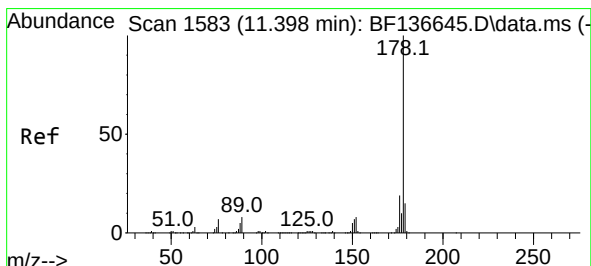
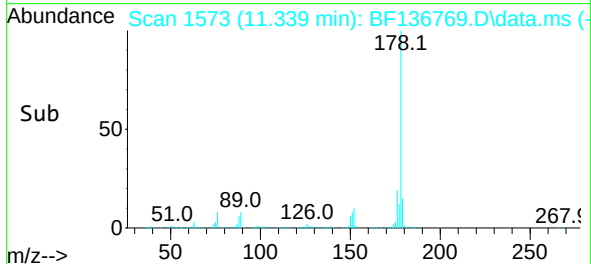
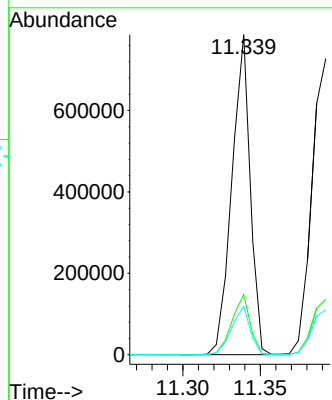
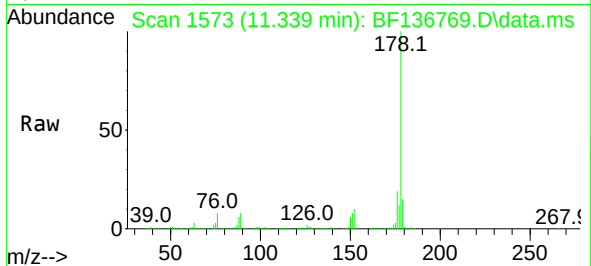
#71
Phenanthrene
Concen: 47.590 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

Instrument : BNA_F
ClientSampleId : WC-LIQUIDS-20231213-01MS

Tgt Ion:178 Resp: 647210
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.1 11.9 17.9

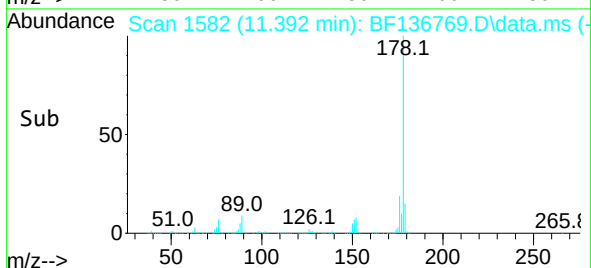
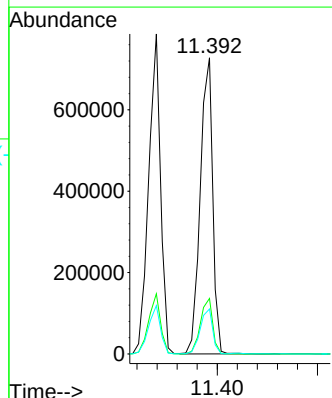
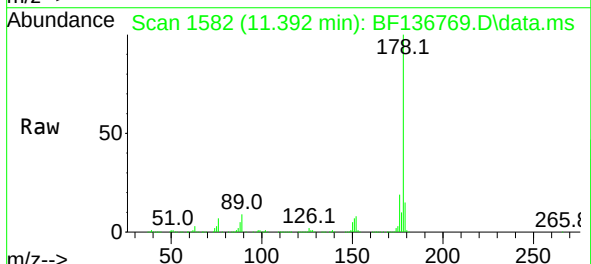
Manual Integrations
APPROVED

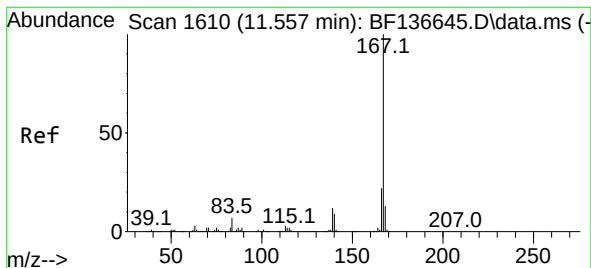
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#72
Anthracene
Concen: 45.796 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

Tgt Ion:178 Resp: 630747
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 15.2 11.8 17.6





#73

Carbazole

Concen: 42.768 ng

RT: 11.551 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BF136769.D

Acq: 27 Dec 2023 20:59

Instrument :

BNA_F

ClientSampleId :

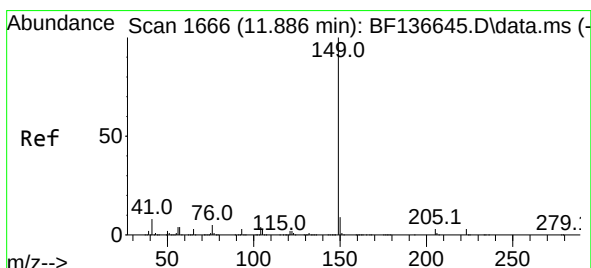
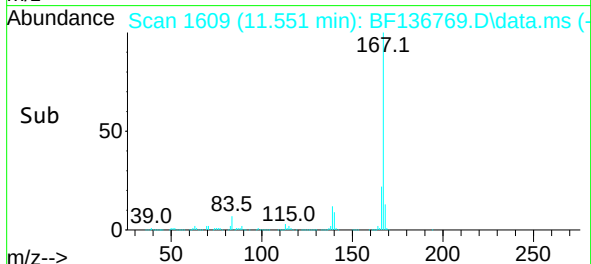
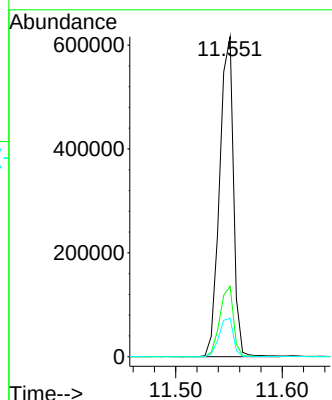
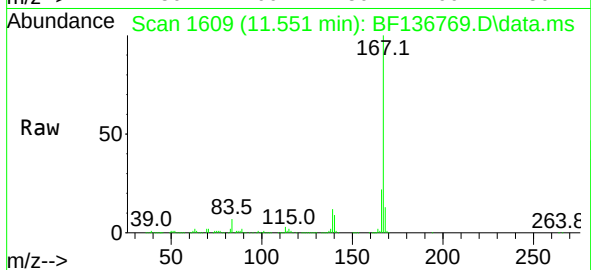
WC-LIQUIDS-20231213-01MS

Tgt Ion:167 Resp: 555354
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.3 25.9
 139 12.0 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023
 Supervised By :mohammad ahmed 12/28/2023



#74

Di-n-butylphthalate

Concen: 48.519 ng

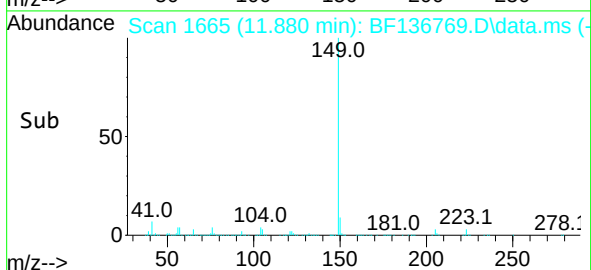
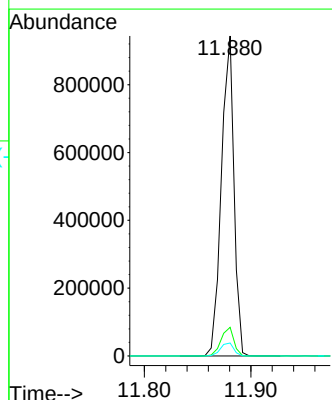
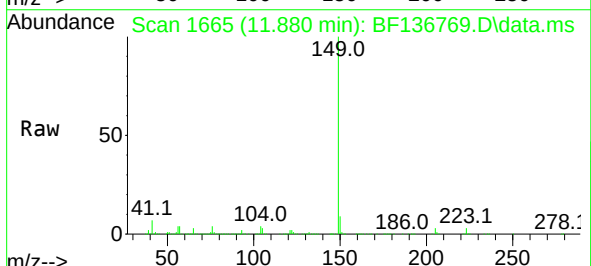
RT: 11.880 min Scan# 1665

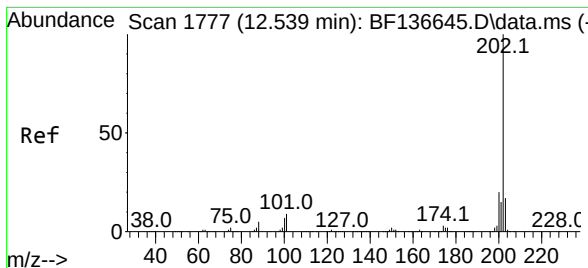
Delta R.T. -0.006 min

Lab File: BF136769.D

Acq: 27 Dec 2023 20:59

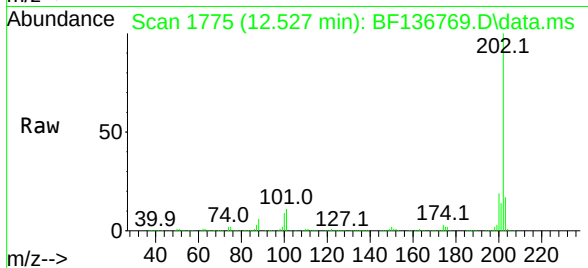
Tgt Ion:149 Resp: 768801
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 4.1 3.6 5.4





#75
Fluoranthene
Concen: 39.680 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.012 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

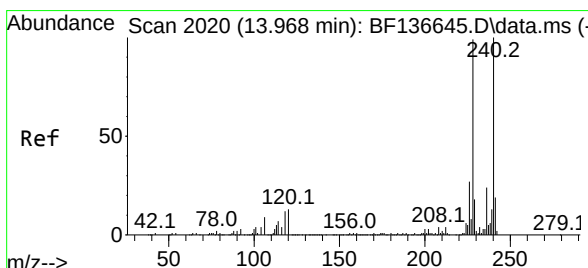
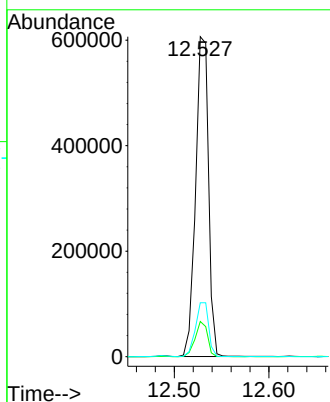
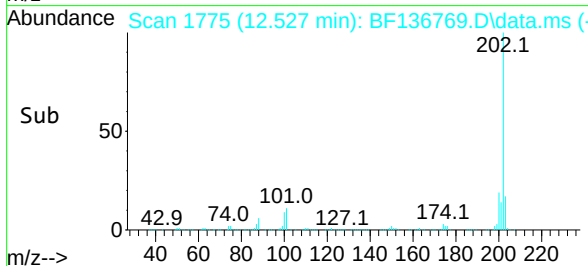
Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01MS



Tgt Ion:202 Resp: 577227
Ion Ratio Lower Upper
202 100
101 11.0 0.0 29.3
203 16.9 0.0 37.1

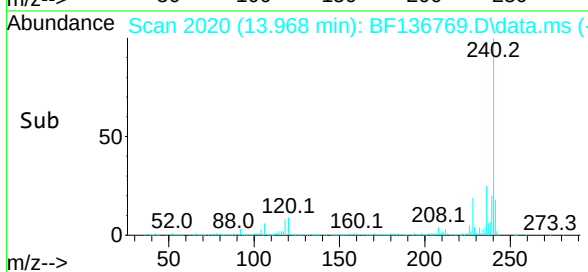
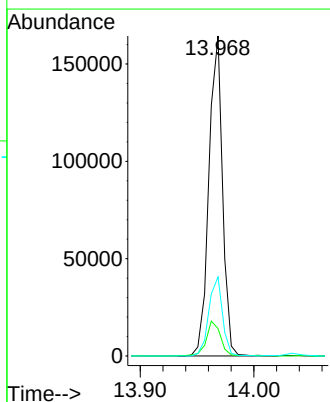
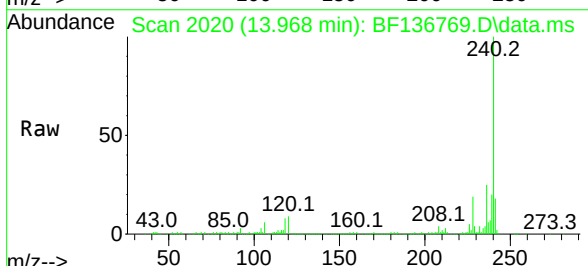
Manual Integrations
APPROVED

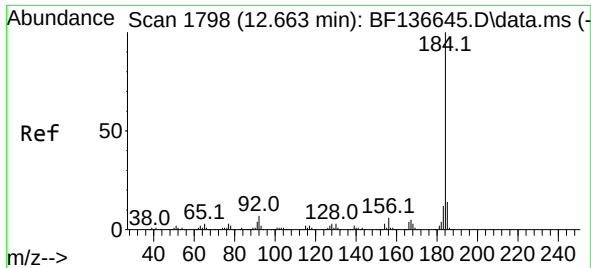
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

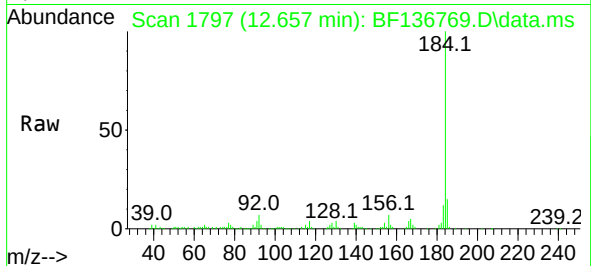
Tgt Ion:240 Resp: 136726
Ion Ratio Lower Upper
240 100
120 8.5 10.3 15.5#
236 24.7 19.4 29.2





#77
Benzidine
Concen: 22.962 ng
RT: 12.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

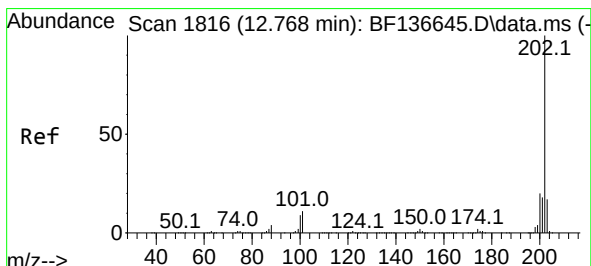
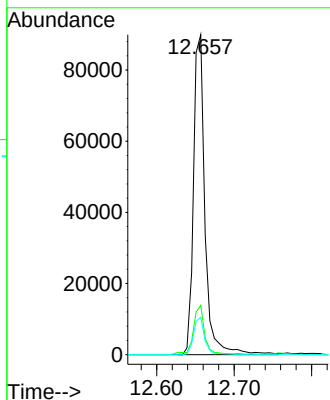
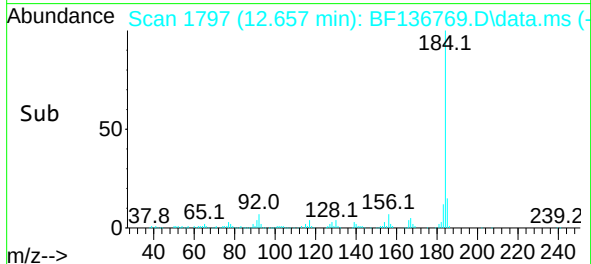
Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01MS



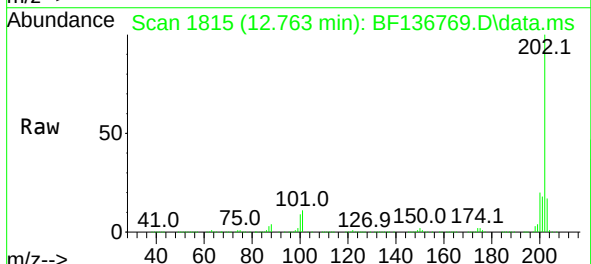
Tgt Ion:184 Resp: 92570
Ion Ratio Lower Upper
184 100
185 15.5 11.2 16.8
183 11.7 9.3 13.9

Manual Integrations
APPROVED

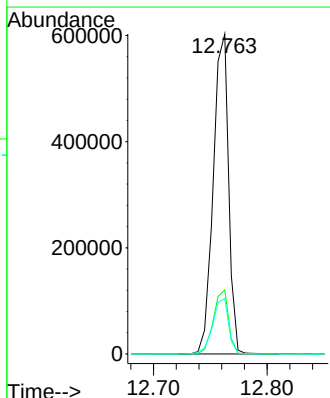
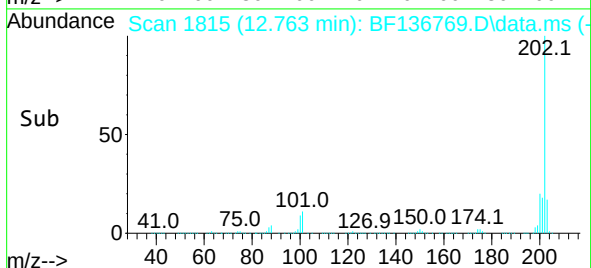
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

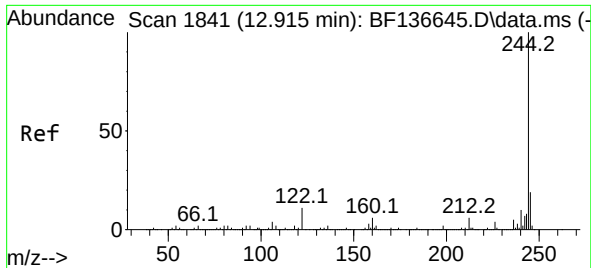


#78
Pyrene
Concen: 42.116 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59



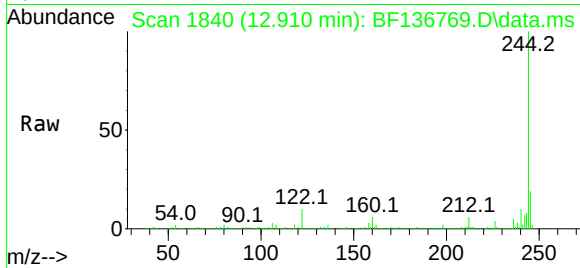
Tgt Ion:202 Resp: 565278
Ion Ratio Lower Upper
202 100
200 20.0 15.9 23.9
203 17.3 13.8 20.6





#79
 Terphenyl-d14
 Concen: 87.003 ng
 RT: 12.910 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136769.D
 Acq: 27 Dec 2023 20:59

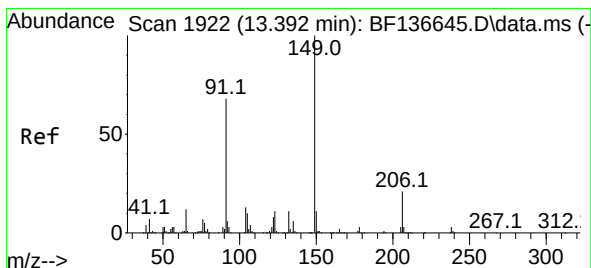
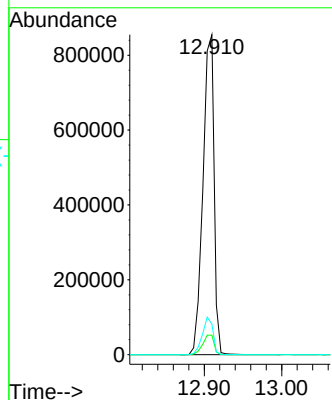
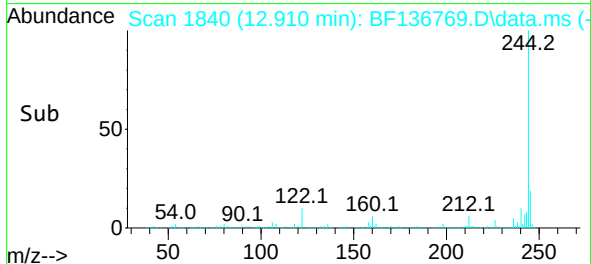
Instrument :
 BNA_F
 ClientSampleId :
 WC-LIQUIDS-20231213-01MS



Tgt Ion:244 Resp: 851223
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.4
 122 9.6 9.0 13.4

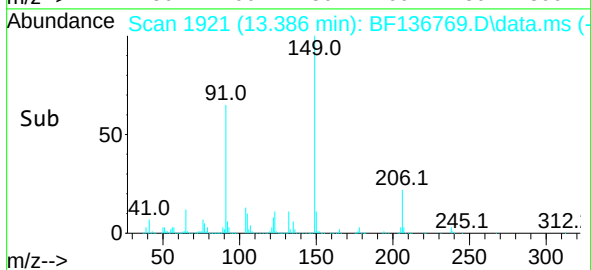
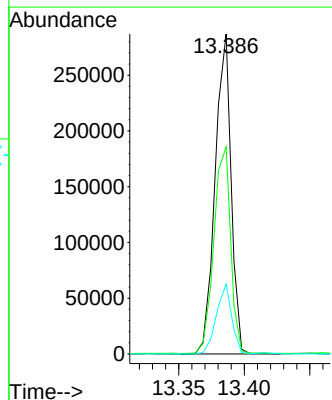
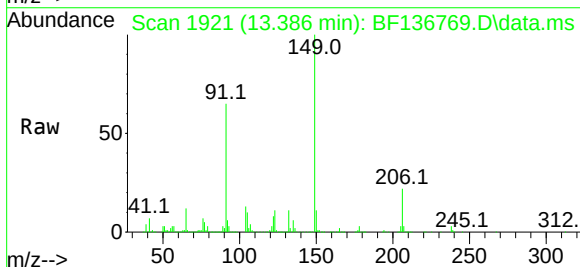
Manual Integrations
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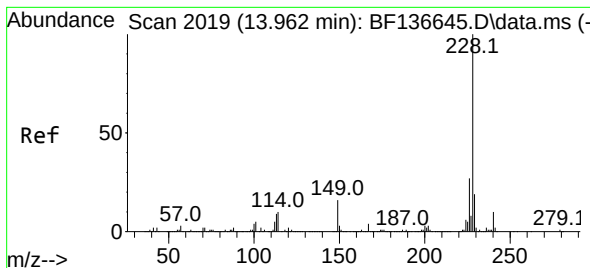
Reviewed By :Yogesh Patel 12/28/2023
 Supervised By :mohammad ahmed 12/28/2023



#80
 Butylbenzylphthalate
 Concen: 49.817 ng
 RT: 13.386 min Scan# 1921
 Delta R.T. -0.006 min
 Lab File: BF136769.D
 Acq: 27 Dec 2023 20:59

Tgt Ion:149 Resp: 243297
 Ion Ratio Lower Upper
 149 100
 91 64.7 54.1 81.1
 206 21.9 17.1 25.7





#81

Benzo(a)anthracene

Concen: 44.951 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF136769.D

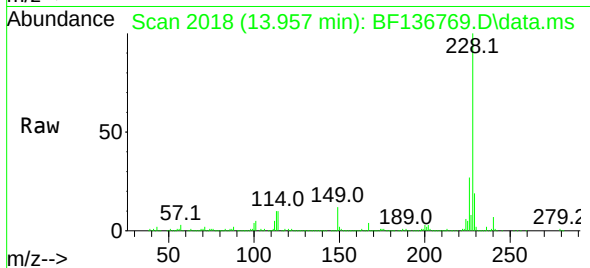
Acq: 27 Dec 2023 20:59

Instrument :

BNA_F

ClientSampleId :

WC-LIQUIDS-20231213-01MS



Tgt Ion:228 Resp: 426769

Ion Ratio Lower Upper

228 100

226 26.6 21.4 32.0

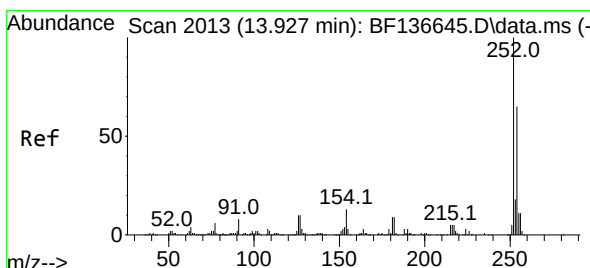
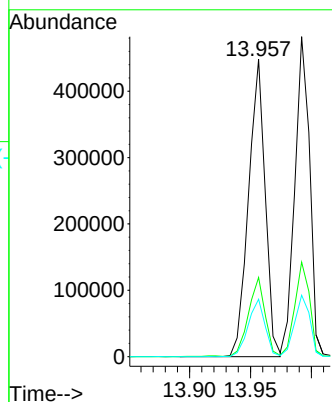
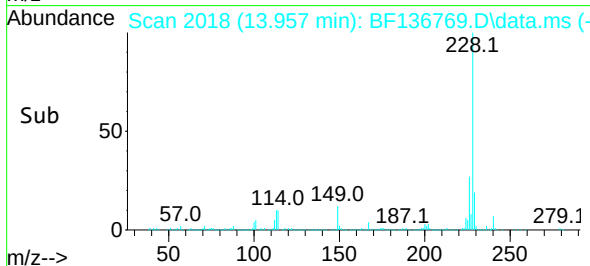
229 19.3 14.9 22.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#82

3,3'-Dichlorobenzidine

Concen: 23.347 ng

RT: 13.921 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF136769.D

Acq: 27 Dec 2023 20:59

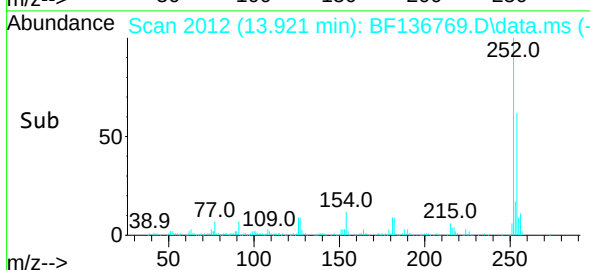
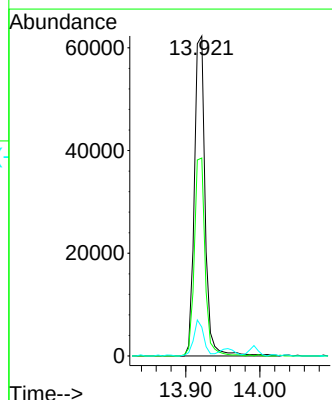
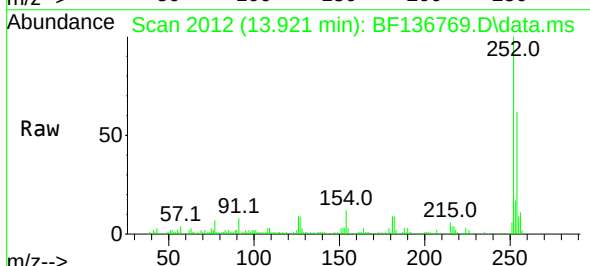
Tgt Ion:252 Resp: 62950

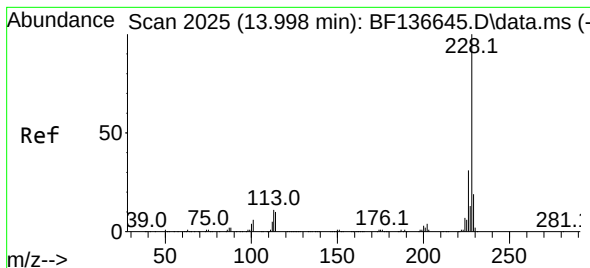
Ion Ratio Lower Upper

252 100

254 61.8 52.2 78.4

126 9.0 8.0 12.0





#83

Chrysene

Concen: 44.001 ng

RT: 13.992 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136769.D

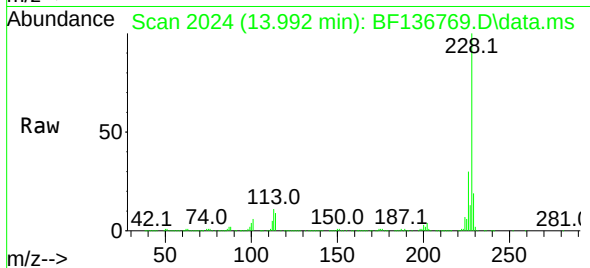
Acq: 27 Dec 2023 20:59

Instrument :

BNA_F

ClientSampleId :

WC-LIQUIDS-20231213-01MS



Tgt Ion:228 Resp: 408514

Ion Ratio Lower Upper

228 100

226 29.6 24.7 37.1

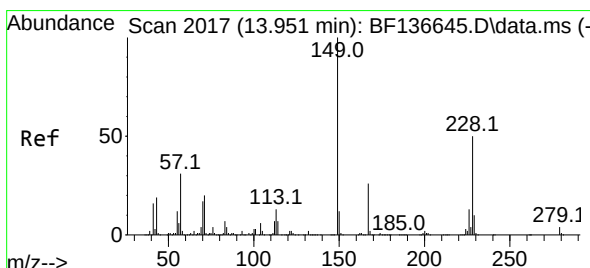
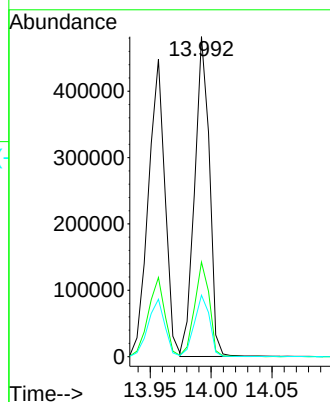
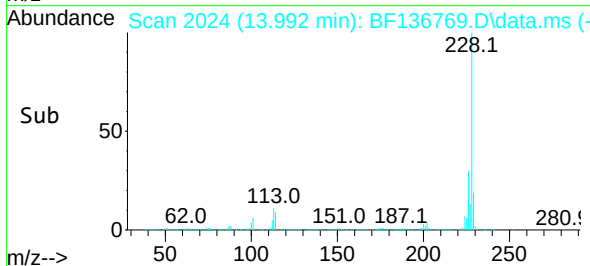
229 19.2 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.468 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136769.D

Acq: 27 Dec 2023 20:59

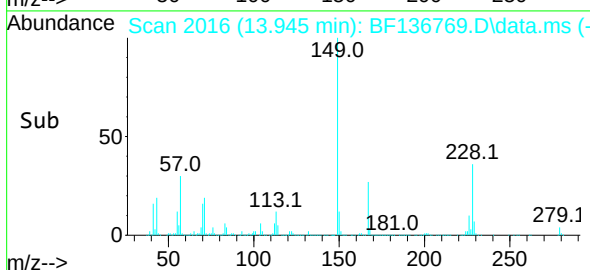
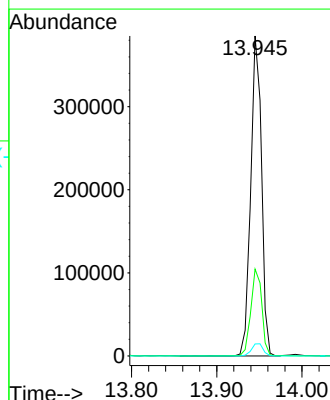
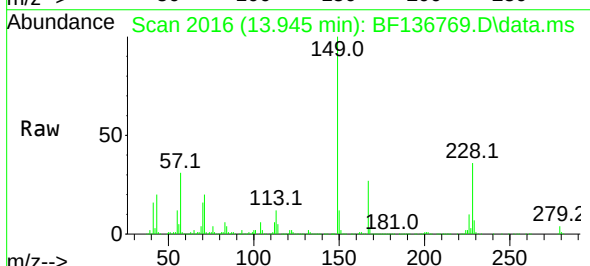
Tgt Ion:149 Resp: 340839

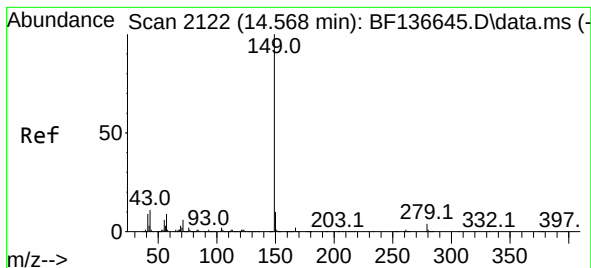
Ion Ratio Lower Upper

149 100

167 27.2 20.9 31.3

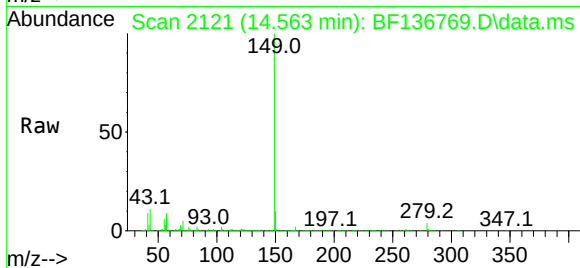
279 3.8 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 58.595 ng
RT: 14.563 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

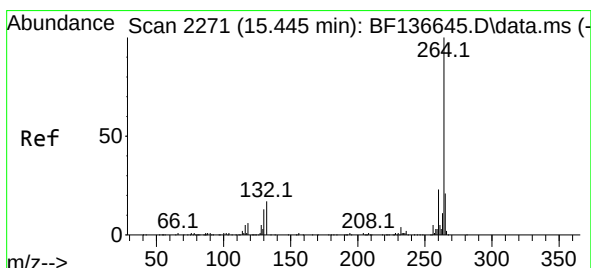
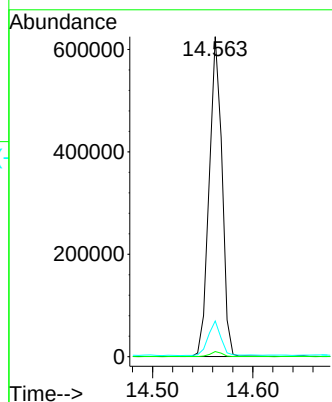
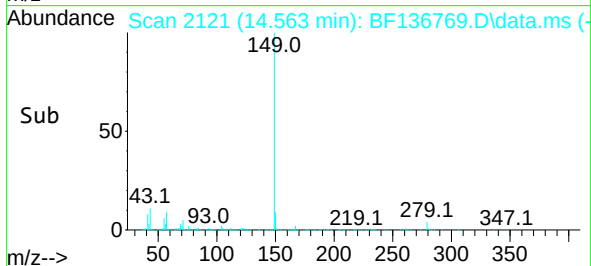
Instrument : BNA_F
ClientSampleId : WC-LIQUIDS-20231213-01MS



Tgt Ion:149 Resp: 55694
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.7 8.9 13.3

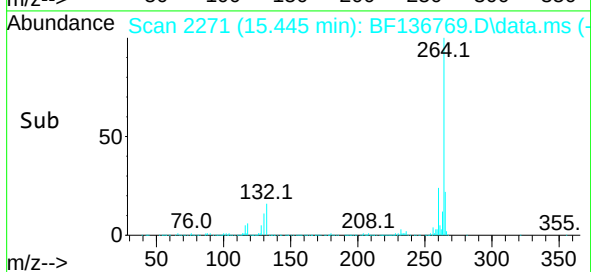
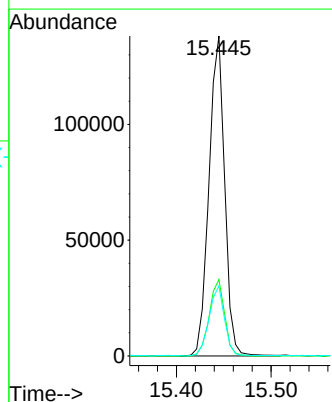
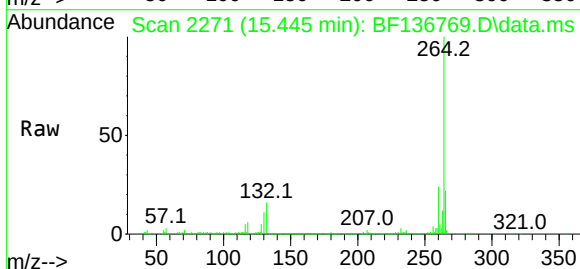
Manual Integrations
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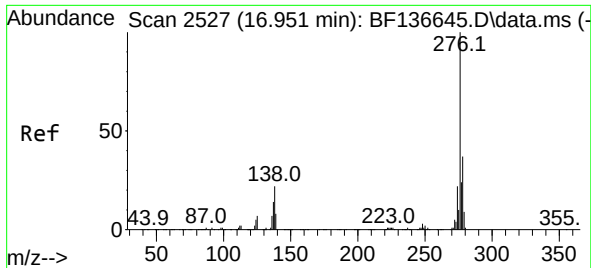
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

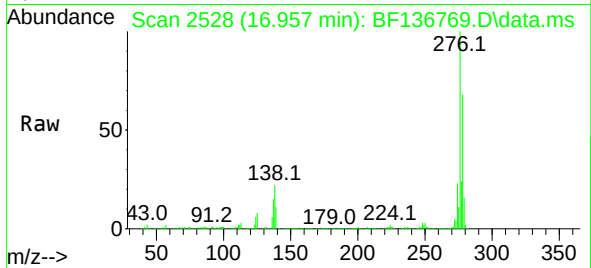
Tgt Ion:264 Resp: 159170
Ion Ratio Lower Upper
264 100
260 23.9 18.3 27.5
265 21.9 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 41.999 ng
RT: 16.957 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

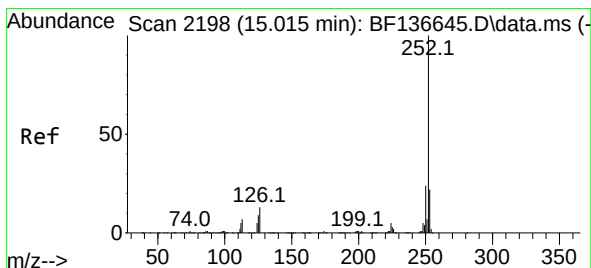
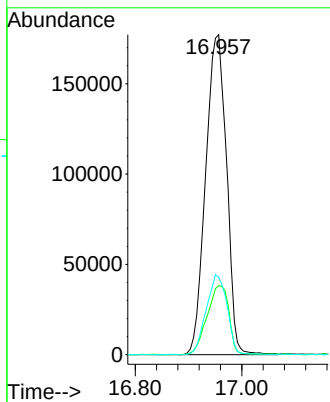
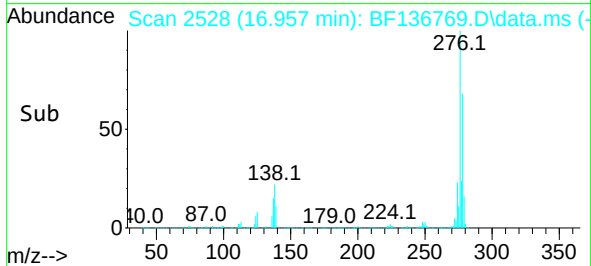
Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01MS



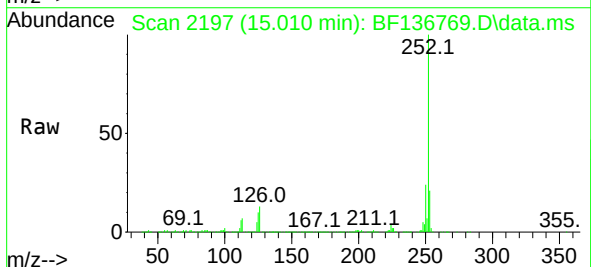
Tgt Ion:276 Resp: 48266
Ion Ratio Lower Upper
276 100
138 22.7 18.7 28.1
277 24.9 20.2 30.2

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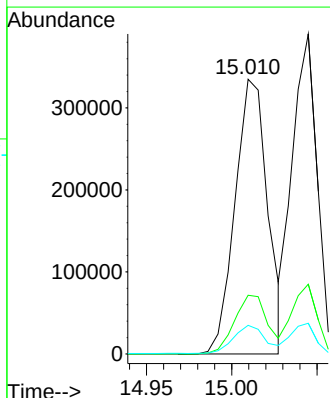
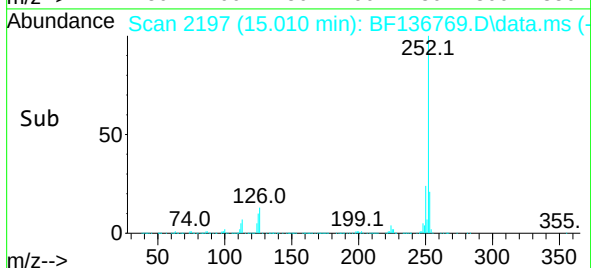
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

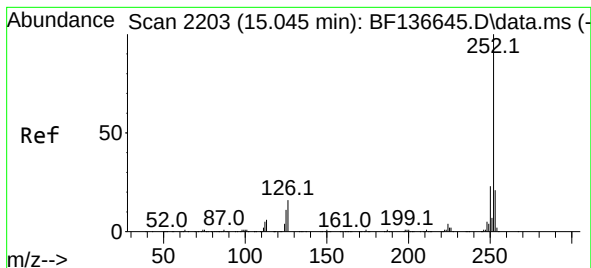


#88
Benzo(b)fluoranthene
Concen: 41.993 ng
RT: 15.010 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59



Tgt Ion:252 Resp: 446432
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 10.4 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 39.654 ng

RT: 15.045 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136769.D

Acq: 27 Dec 2023 20:59

Instrument :

BNF

ClientSampleId :

WC-LIQUIDS-20231213-01MS

Tgt Ion:252 Resp: 39834

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

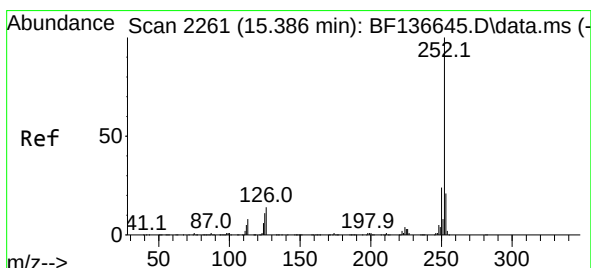
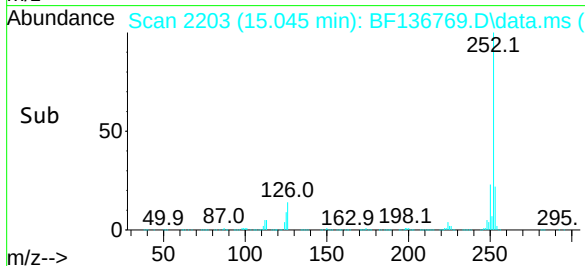
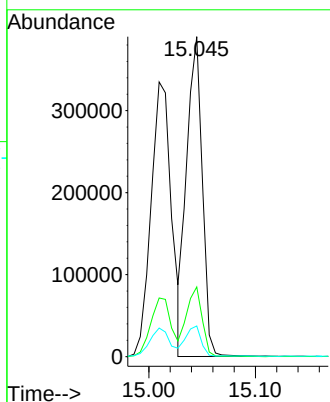
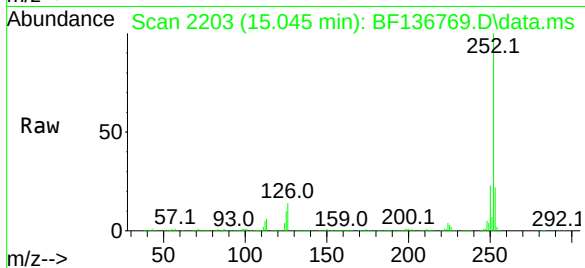
125 9.6 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#90

Benzo(a)pyrene

Concen: 43.323 ng

RT: 15.386 min Scan# 2261

Delta R.T. 0.000 min

Lab File: BF136769.D

Acq: 27 Dec 2023 20:59

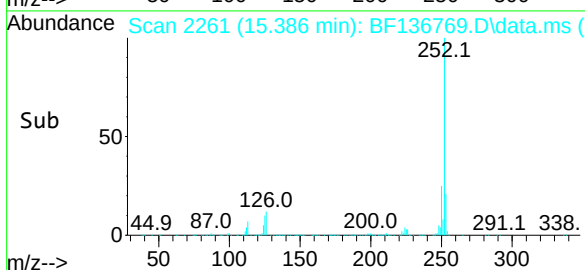
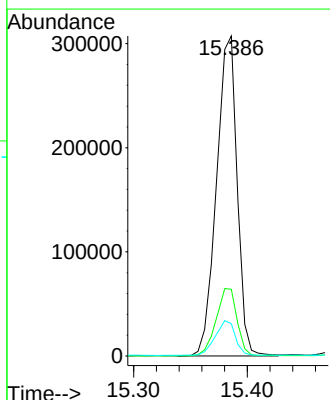
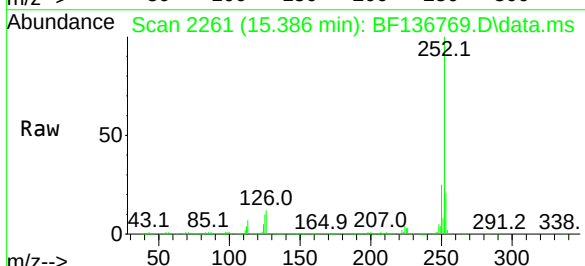
Tgt Ion:252 Resp: 388768

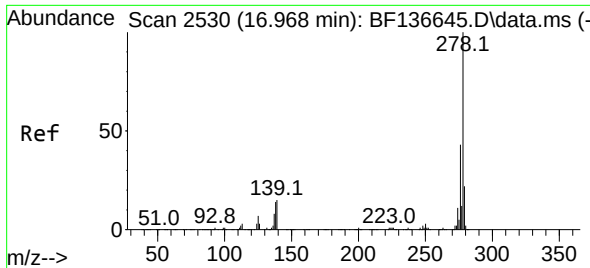
Ion Ratio Lower Upper

252 100

253 20.9 17.0 25.6

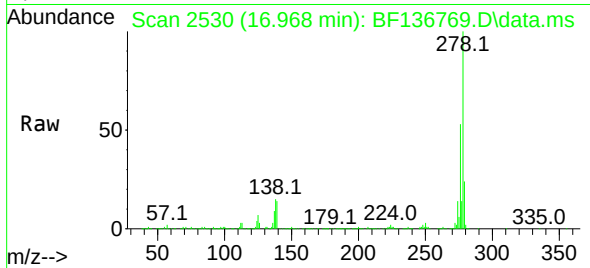
125 10.1 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 43.028 ng
RT: 16.968 min Scan# 2530
Delta R.T. 0.000 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59

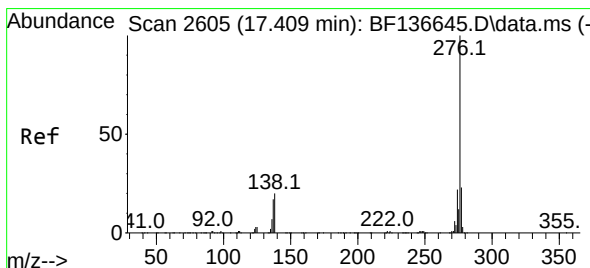
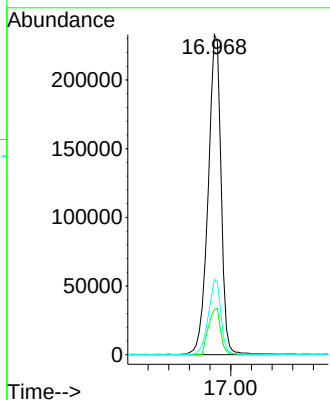
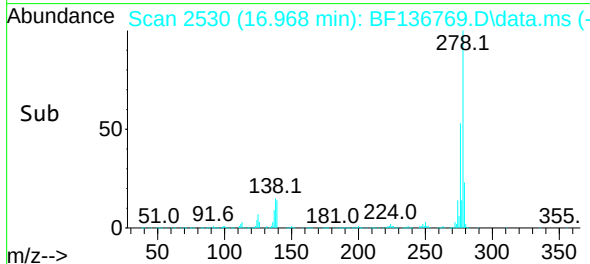
Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01MS



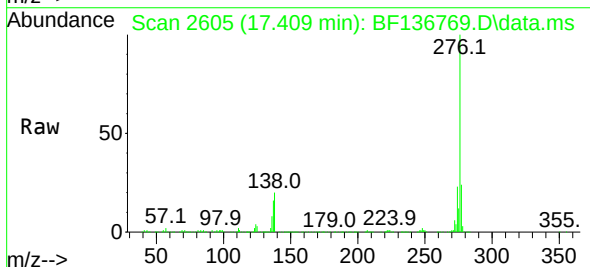
Tgt Ion:278 Resp: 405684
Ion Ratio Lower Upper
278 100
139 14.2 12.2 18.4
279 23.5 17.8 26.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#92
Benzo(g,h,i)perylene
Concen: 37.714 ng
RT: 17.409 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF136769.D
Acq: 27 Dec 2023 20:59



Tgt Ion:276 Resp: 364190
Ion Ratio Lower Upper
276 100
277 24.2 18.3 27.5
138 19.6 15.6 23.4

