

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
 Data File : BF136770.D
 Acq On : 27 Dec 2023 21:30
 Operator : CG\JU
 Sample : 05862-13MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Dec 27 22:47:27 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	83116	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	324049	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	171682	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	325395	20.000	ng	0.00
76) Chrysene-d12	13.969	240	156445	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	173160	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	556354	104.441	ng	0.01
7) Phenol-d6	6.440	99	672504	97.429	ng	0.00
23) Nitrobenzene-d5	7.351	82	496995	78.481	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	230853	114.174	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	979076	76.702	ng	0.00
79) Terphenyl-d14	12.910	244	961557	85.892	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.610	88	72695	32.752	ng	98
3) Pyridine	3.369	79	137075	25.312	ng	98
4) n-Nitrosodimethylamine	3.340	42	107181	37.062	ng	96
6) Aniline	6.451	93	148762	21.556	ng	# 1
8) 2-Chlorophenol	6.575	128	229688	39.401	ng	95
9) Benzaldehyde	6.340	77	75586	19.252	ng	# 84
10) Phenol	6.451	94	253500	34.404	ng	98
11) bis(2-Chloroethyl)ether	6.528	93	214636	38.303	ng	96
12) 1,3-Dichlorobenzene	6.728	146	227592	35.789	ng	96
13) 1,4-Dichlorobenzene	6.804	146	231874	35.685	ng	98
14) 1,2-Dichlorobenzene	6.951	146	220230	36.424	ng	99
15) Benzyl Alcohol	6.934	79	199748	42.895	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	344219	37.572	ng	97
17) 2-Methylphenol	7.051	107	183694	38.037	ng	96
18) Hexachloroethane	7.287	117	85619	36.282	ng	100
19) n-Nitroso-di-n-propyla...	7.204	70	161906	38.694	ng	98
20) 3+4-Methylphenols	7.204	107	228773	37.918	ng	# 64
22) Acetophenone	7.193	105	336413	41.419	ng	# 92
24) Nitrobenzene	7.369	77	241459	38.063	ng	98
25) Isophorone	7.610	82	461129	40.018	ng	99
26) 2-Nitrophenol	7.681	139	122800	40.460	ng	93
27) 2,4-Dimethylphenol	7.728	122	180712	48.907	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	278520	39.765	ng	97
29) 2,4-Dichlorophenol	7.928	162	196587	41.325	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	204913	38.661	ng	98
31) Naphthalene	8.098	128	2695852	151.432	ng	99
32) Benzoic acid	7.857	122	81210	22.715	ng	98
33) 4-Chloroaniline	8.134	127	34680	5.276	ng	98
34) Hexachlorobutadiene	8.198	225	117021	36.339	ng	98
35) Caprolactam	8.522	113	59617m	37.989	ng	
36) 4-Chloro-3-methylphenol	8.634	107	215862	40.307	ng	99
37) 2-Methylnaphthalene	8.781	142	651695	56.881	ng	99
38) 1-Methylnaphthalene	8.875	142	589409	52.437	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	220994	41.564	ng	100
41) Hexachlorocyclopentadiene	8.928	237	105118	63.108	ng	100
43) 2,4,6-Trichlorophenol	9.063	196	138263	40.548	ng	94

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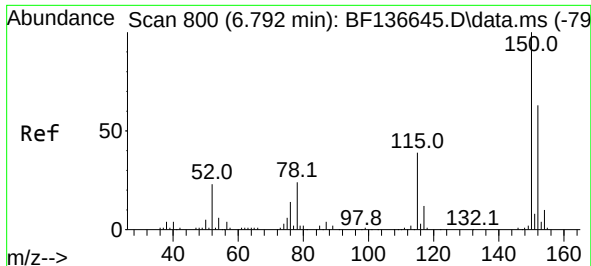
Quant Time: Dec 27 22:47:27 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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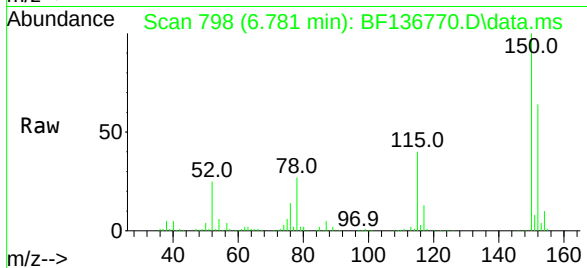
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	148415	39.059	ng	97
46) 1,1'-Biphenyl	9.245	154	610705	42.390	ng	99
47) 2-Chloronaphthalene	9.269	162	429370	39.204	ng	98
48) 2-Nitroaniline	9.369	65	142590	41.575	ng	99
49) Acenaphthylene	9.687	152	742984	44.383	ng	99
50) Dimethylphthalate	9.551	163	530716	42.322	ng	100
51) 2,6-Dinitrotoluene	9.616	165	115787	40.684	ng	96
52) Acenaphthene	9.857	154	437069	42.119	ng	100
53) 3-Nitroaniline	9.781	138	68914	22.859	ng	96
54) 2,4-Dinitrophenol	9.892	184	67281	44.399	ng	# 83
55) Dibenzofuran	10.028	168	632994	40.241	ng	99
56) 4-Nitrophenol	9.963	139	144790	71.144	ng	96
57) 2,4-Dinitrotoluene	10.022	165	146206	39.573	ng	95
58) Fluorene	10.375	166	529800	42.448	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.151	232	125851	43.026	ng	98
60) Diethylphthalate	10.251	149	543784	41.794	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	240219	39.596	ng	98
62) 4-Nitroaniline	10.404	138	110270m	37.941	ng	
63) Azobenzene	10.528	77	493842	40.637	ng	98
65) 4,6-Dinitro-2-methylph...	10.434	198	62717	33.631	ng	88
66) n-Nitrosodiphenylamine	10.486	169	455892	43.129	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	151339	41.879	ng	98
68) Hexachlorobenzene	10.922	284	165218	41.026	ng	97
69) Atrazine	11.022	200	148048	54.760	ng	98
70) Pentachlorophenol	11.122	266	143413	76.400	ng	98
71) Phenanthrene	11.339	178	732857	43.893	ng	99
72) Anthracene	11.392	178	727296	43.013	ng	99
73) Carbazole	11.551	167	641173	40.219	ng	99
74) Di-n-butylphthalate	11.880	149	874866	44.973	ng	99
75) Fluoranthene	12.533	202	653745	36.605	ng	100
77) Benzidine	12.657	184	100727	21.836	ng	98
78) Pyrene	12.763	202	642138	41.812	ng	99
80) Butylbenzylphthalate	13.386	149	272354	48.737	ng	99
81) Benzo(a)anthracene	13.957	228	449095	41.340	ng	98
82) 3,3'-Dichlorobenzidine	13.922	252	67191	21.779	ng	99
83) Chrysene	13.992	228	432769	40.738	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	376679	53.574	ng	99
85) Di-n-octyl phthalate	14.563	149	597948	54.979	ng	98
87) Indeno(1,2,3-cd)pyrene	16.957	276	478203	38.249	ng	99
88) Benzo(b)fluoranthene	15.016	252	459253	39.709	ng	100
89) Benzo(k)fluoranthene	15.045	252	407373	37.277	ng	98
90) Benzo(a)pyrene	15.386	252	395221	40.484	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	403100	39.300	ng	98
92) Benzo(g,h,i)perylene	17.410	276	357174	33.999	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

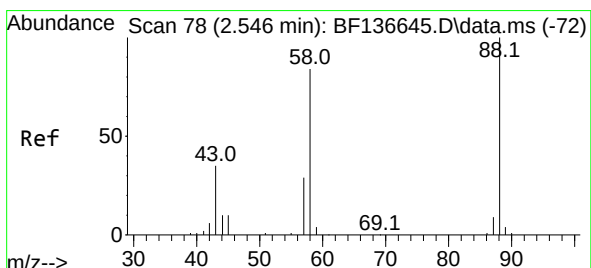
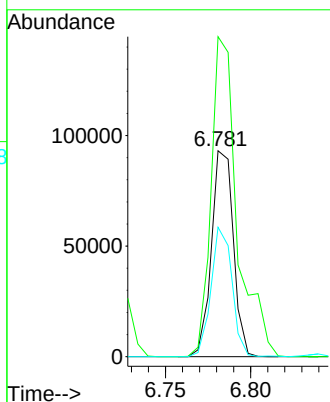
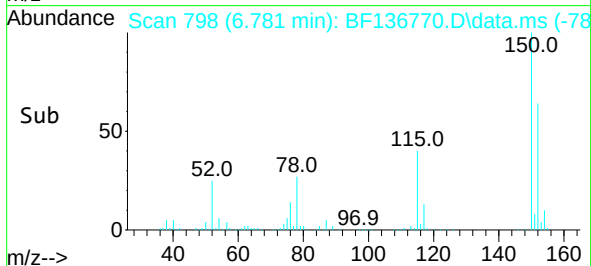
Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01MSD



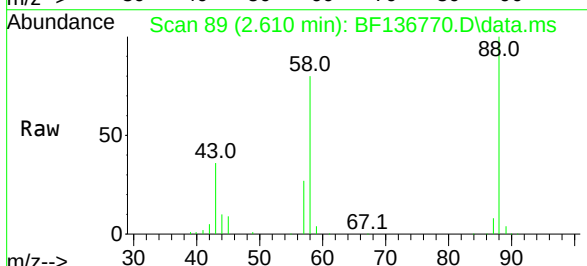
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Ion Ratio Lower Upper
152 100
150 155.4 127.0 190.6
115 62.9 49.0 73.4

Manual Integrations
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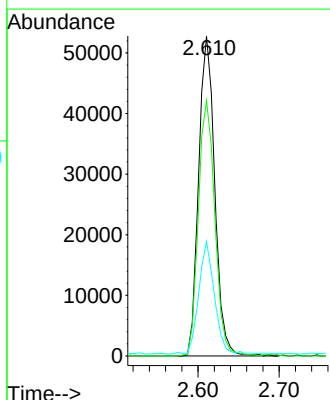
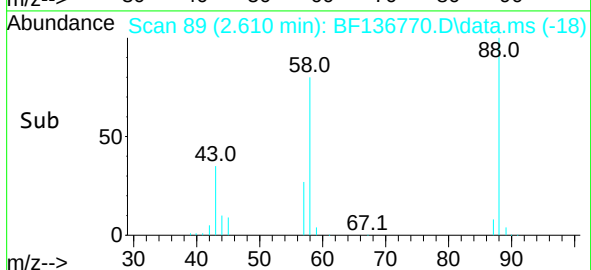
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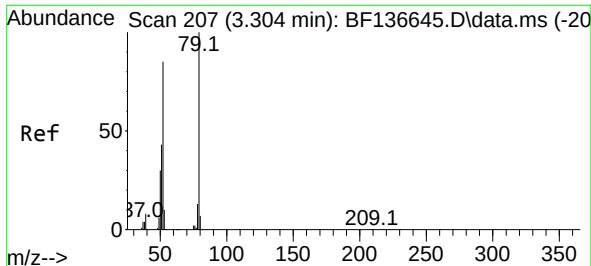


#2
1,4-Dioxane
Concen: 32.752 ng
RT: 2.610 min Scan# 89
Delta R.T. 0.065 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30



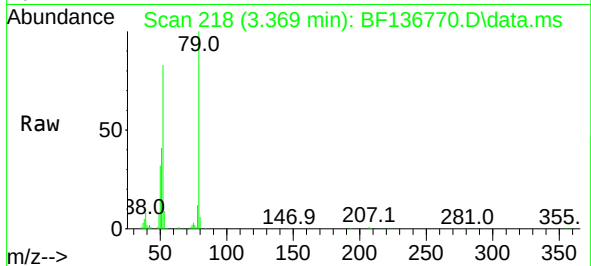
Tgt Ion: 88 Resp: 72695
Ion Ratio Lower Upper
88 100
58 81.9 67.4 101.0
43 34.5 27.7 41.5





#3
Pyridine
Concen: 25.312 ng
RT: 3.369 min Scan# 213
Delta R.T. 0.065 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

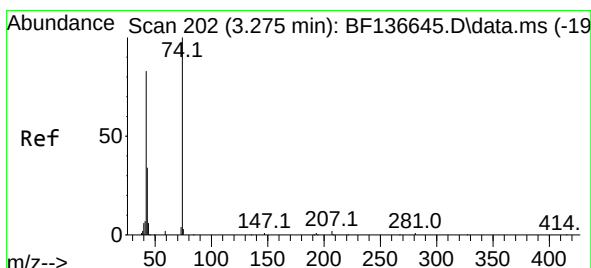
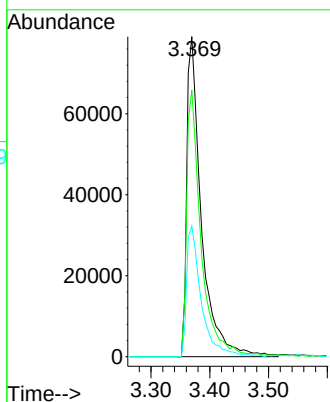
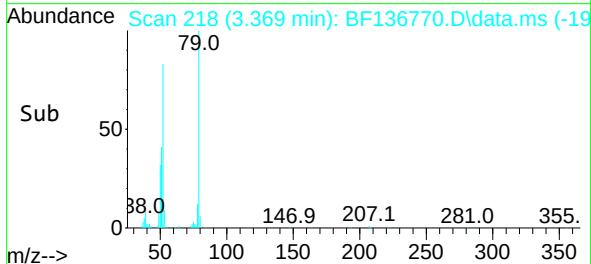
Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01MSD



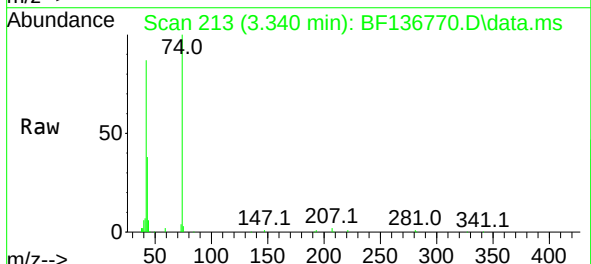
Tgt Ion: 79 Resp: 137075
Ion Ratio Lower Upper
79 100
52 83.3 67.7 101.5
51 40.9 34.0 51.0

Manual Integrations
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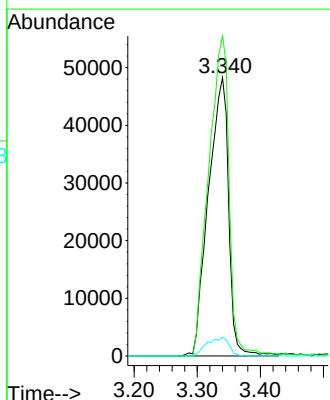
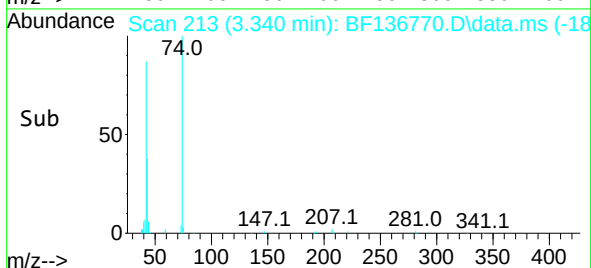
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Supervised By :mohammad ahmed 12/28/2023

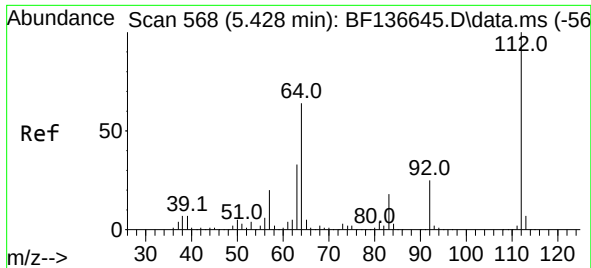


#4
n-Nitrosodimethylamine
Concen: 37.062 ng
RT: 3.340 min Scan# 213
Delta R.T. 0.065 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30



Tgt Ion: 42 Resp: 107181
Ion Ratio Lower Upper
42 100
74 115.0 96.0 144.0
44 6.7 5.4 8.2





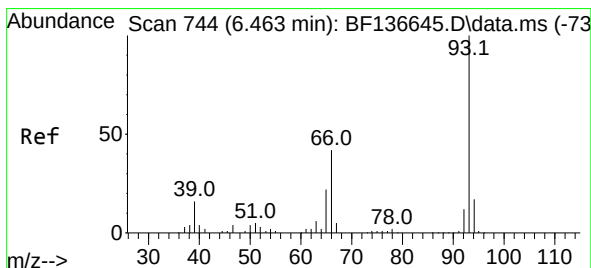
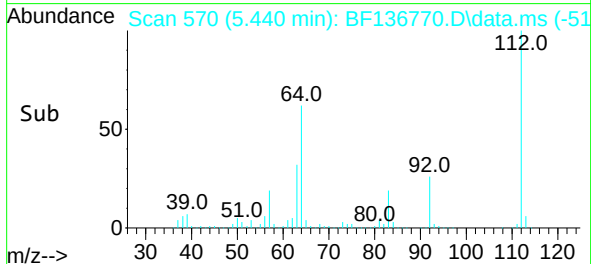
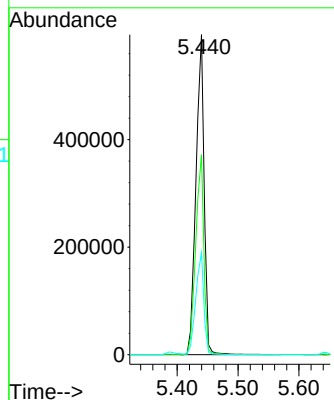
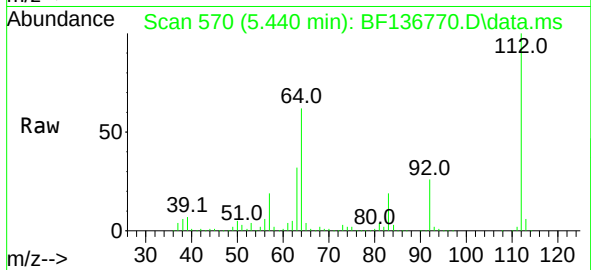
#5
2-Fluorophenol
Concen: 104.441 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:112 Resp: 556354
Ion Ratio Lower Upper
112 100
64 62.5 51.1 76.7
63 31.9 26.1 39.1

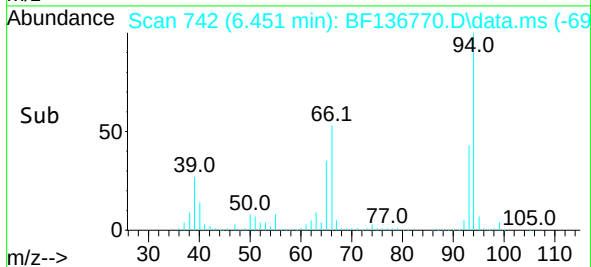
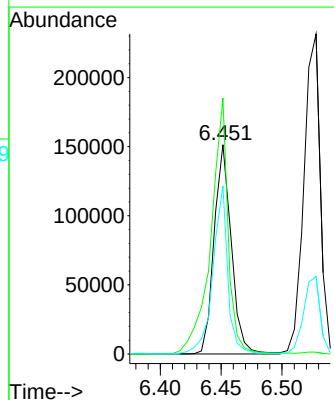
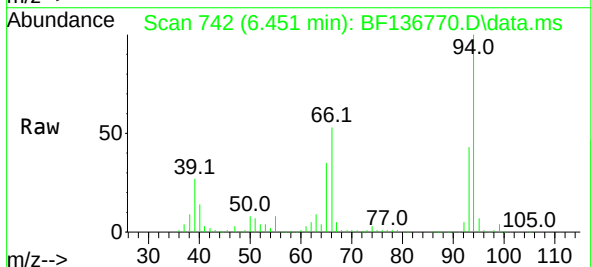
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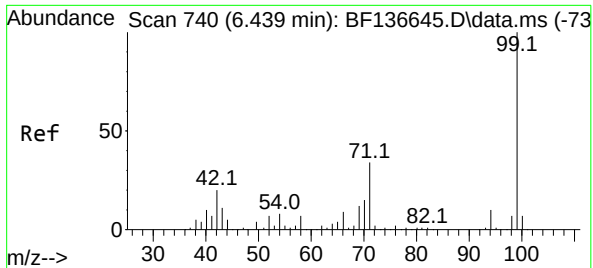
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#6
Aniline
Concen: 21.556 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

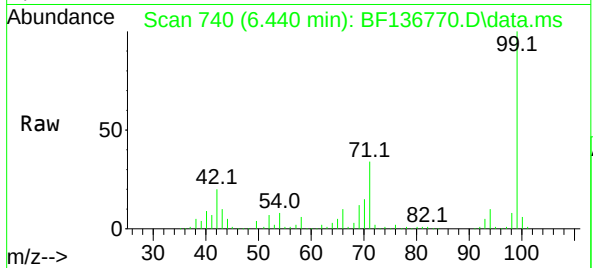
Tgt Ion: 93 Resp: 148762
Ion Ratio Lower Upper
93 100
66 122.2 34.6 51.8#
65 80.4 17.8 26.8#





#7
Phenol-d6
Concen: 97.429 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

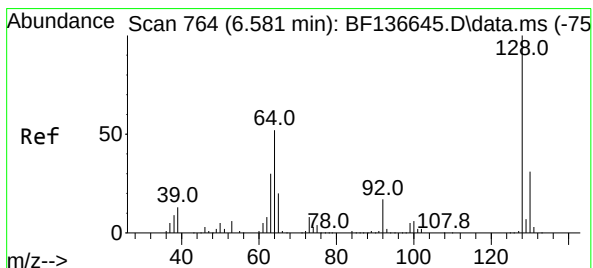
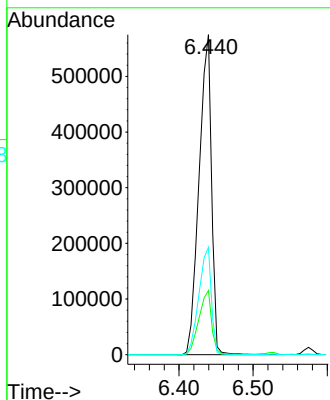
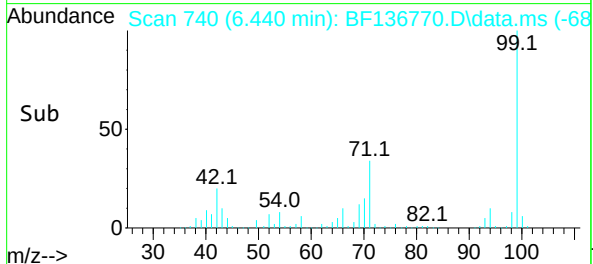
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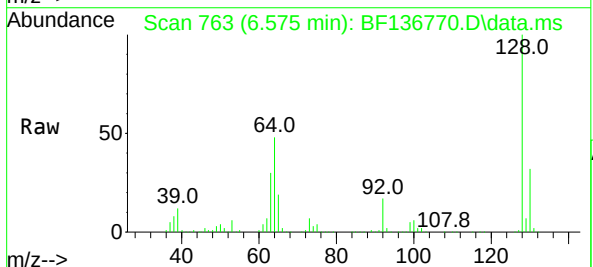
Tgt Ion: 99 Resp: 672504
Ion Ratio Lower Upper
99 100
42 20.1 16.1 24.1
71 33.6 27.4 41.2

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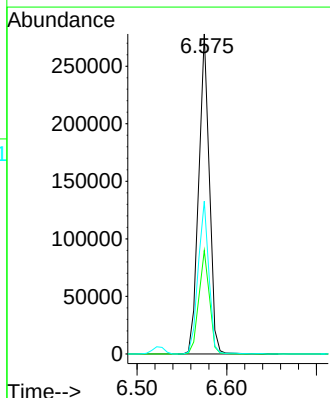
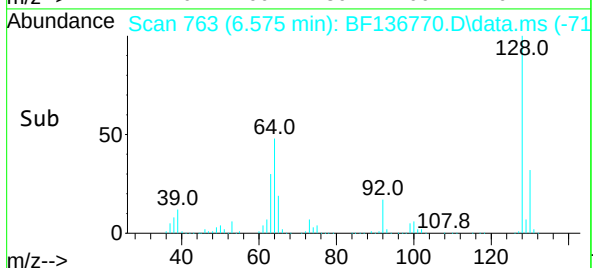
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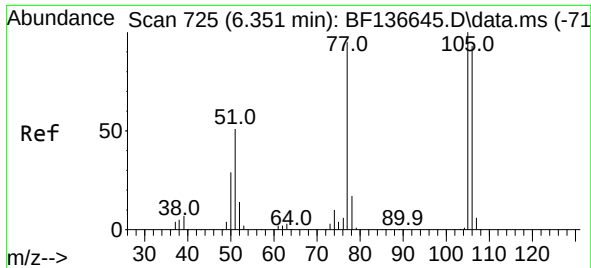


#8
2-Chlorophenol
Concen: 39.401 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30



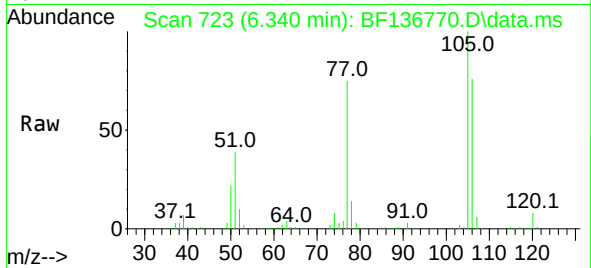
Tgt Ion:128 Resp: 229688
Ion Ratio Lower Upper
128 100
130 32.3 11.3 51.3
64 47.8 32.5 72.5





#9
Benzaldehyde
Concen: 19.252 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

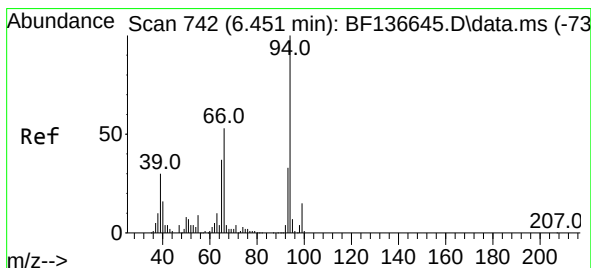
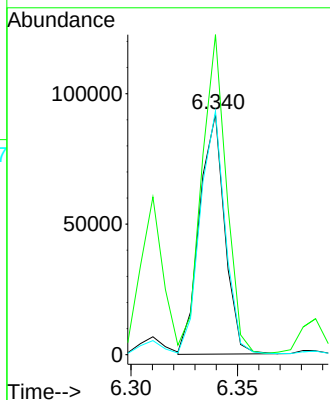
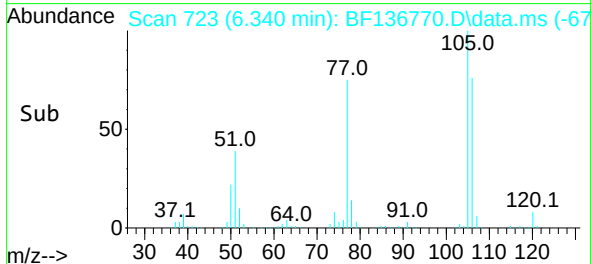
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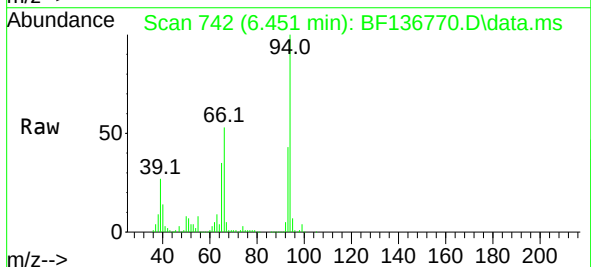
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Ion Ratio Lower Upper
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105 133.0 84.8 124.8
106 101.3 77.8 117.8

Manual Integrations
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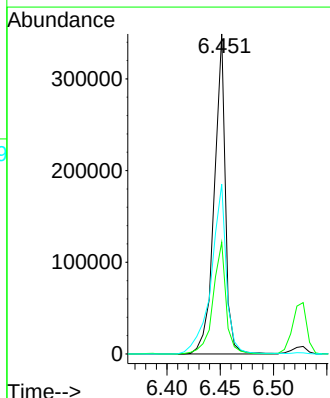
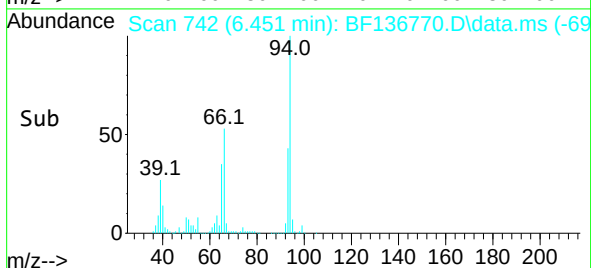
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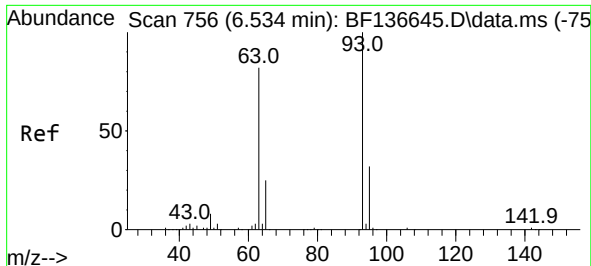


#10
Phenol
Concen: 34.404 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30



Tgt Ion: 94 Resp: 253500
Ion Ratio Lower Upper
94 100
65 34.9 16.6 56.6
66 53.0 32.6 72.6





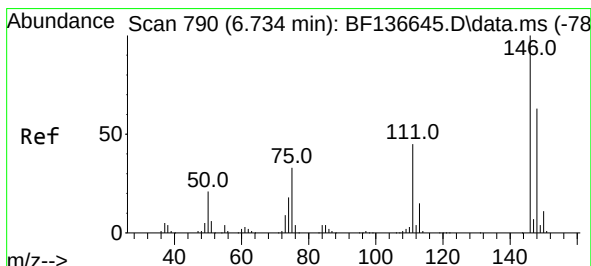
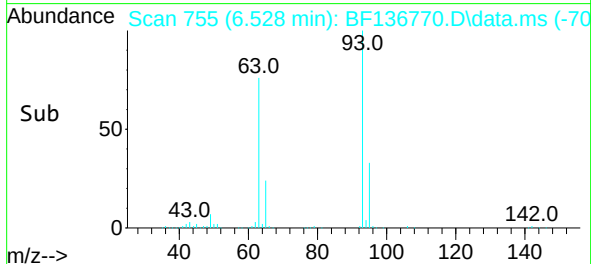
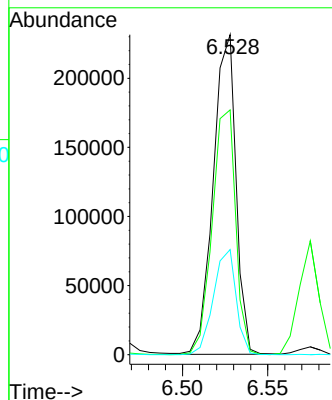
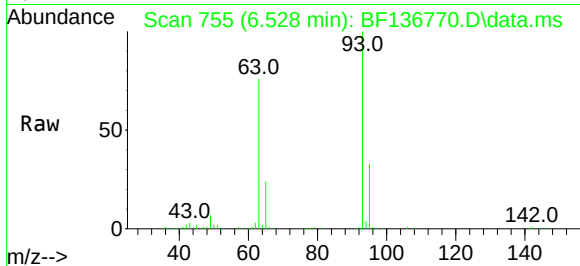
#11
bis(2-Chloroethyl)ether
Concen: 38.303 ng
RT: 6.528 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

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

Tgt Ion: 93 Resp: 214630
Ion Ratio Lower Upper
93 100
63 76.5 61.2 101.2
95 32.9 11.6 51.6

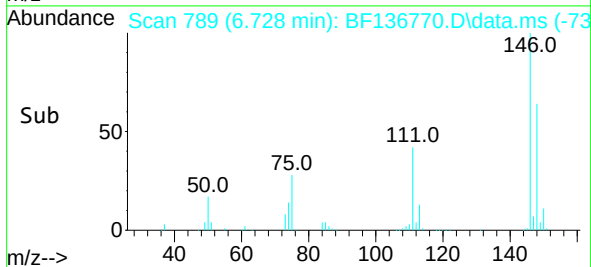
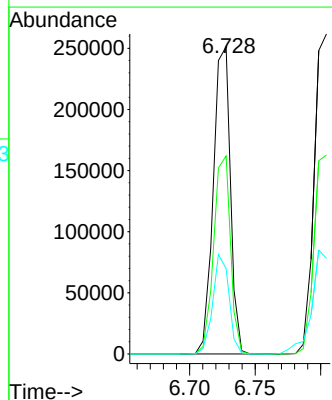
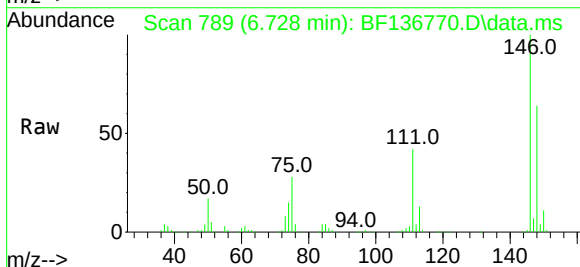
Manual Integrations
APPROVED

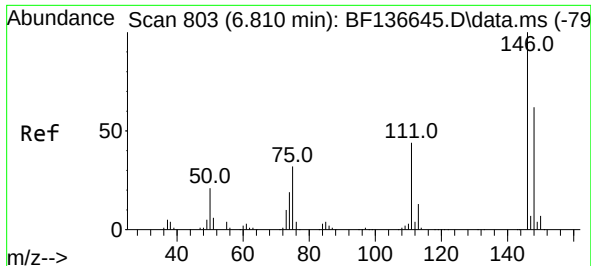
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#12
1,3-Dichlorobenzene
Concen: 35.789 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

Tgt Ion:146 Resp: 227592
Ion Ratio Lower Upper
146 100
148 64.5 50.5 75.7
75 27.8 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 35.685 ng

RT: 6.804 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF136770.D

Acq: 27 Dec 2023 21:30

Instrument :

BNA_F

ClientSampleId :

WC-LIQUIDS-20231213-01MSD

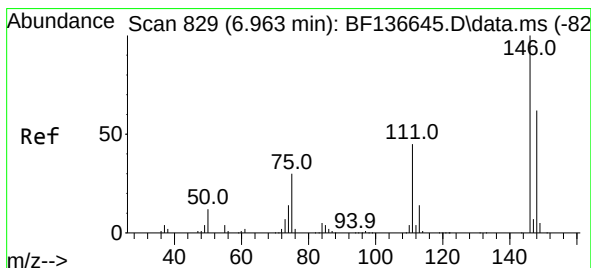
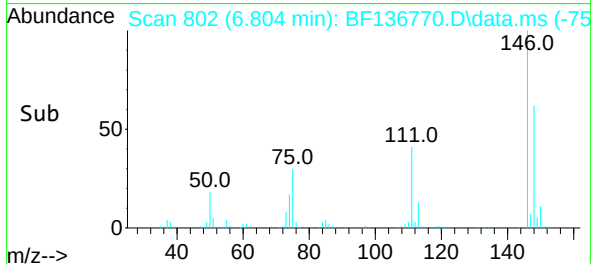
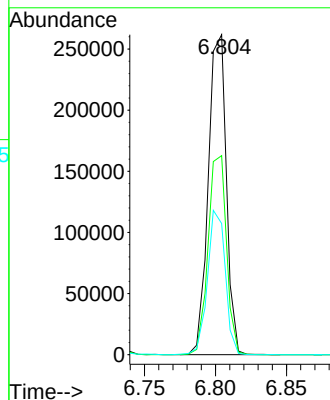
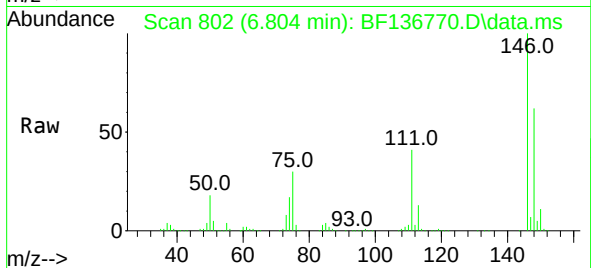
Tgt Ion:146 Resp: 231874
Ion Ratio Lower Upper
146 100
148 62.2 49.2 73.8
111 41.0 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#14

1,2-Dichlorobenzene

Concen: 36.424 ng

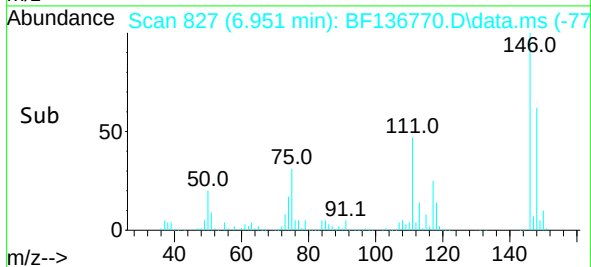
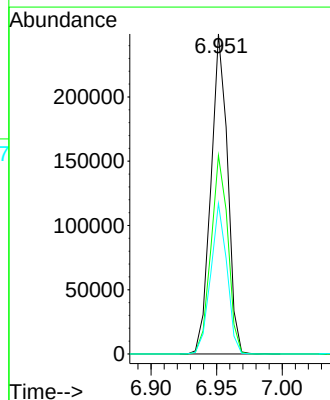
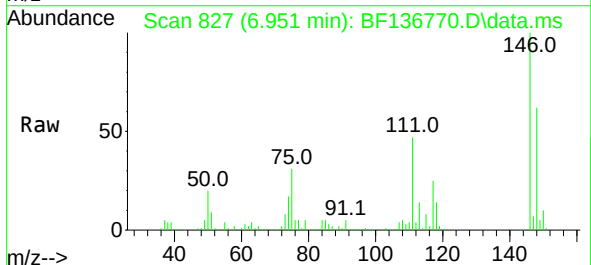
RT: 6.951 min Scan# 827

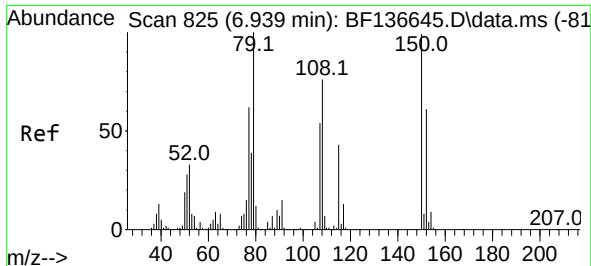
Delta R.T. -0.012 min

Lab File: BF136770.D

Acq: 27 Dec 2023 21:30

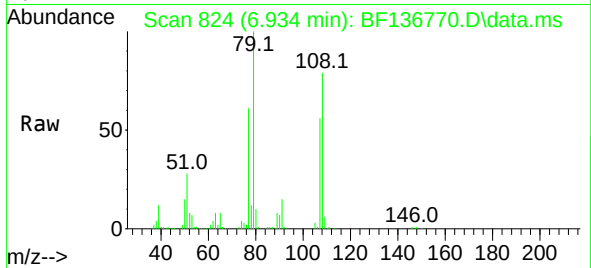
Tgt Ion:146 Resp: 220230
Ion Ratio Lower Upper
146 100
148 62.1 49.6 74.4
111 47.1 36.2 54.2





#15
Benzyl Alcohol
Concen: 42.895 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

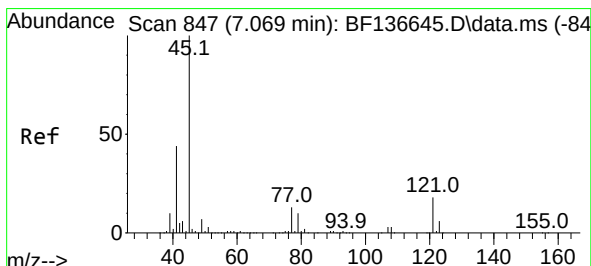
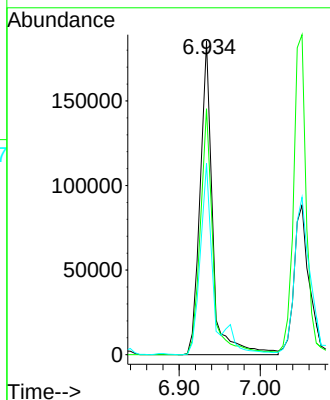
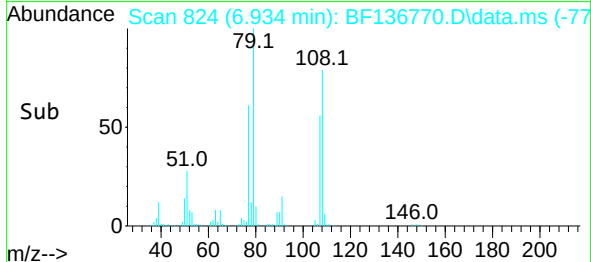
Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01MSD



Tgt Ion: 79 Resp: 199748
Ion Ratio Lower Upper
79 100
108 78.5 61.0 91.6
77 61.0 49.8 74.8

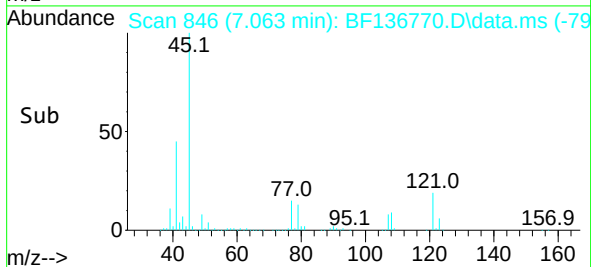
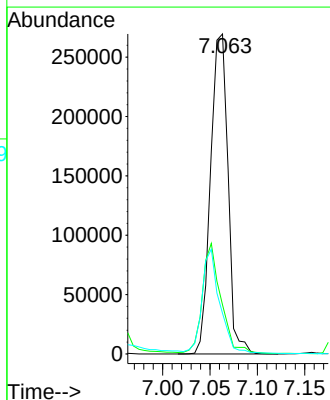
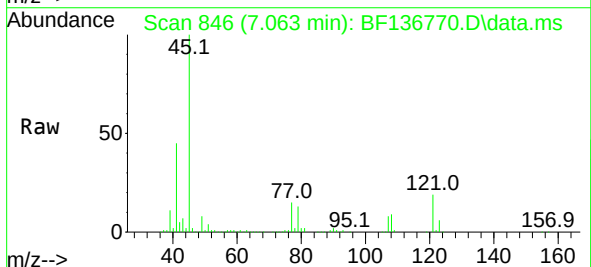
Manual Integrations
APPROVED

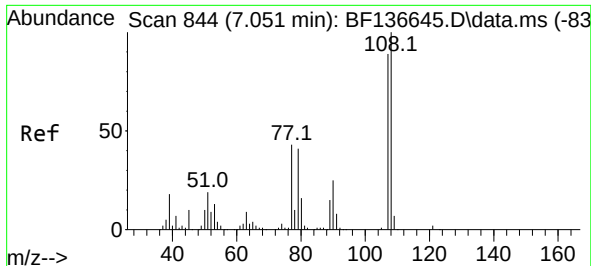
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.572 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

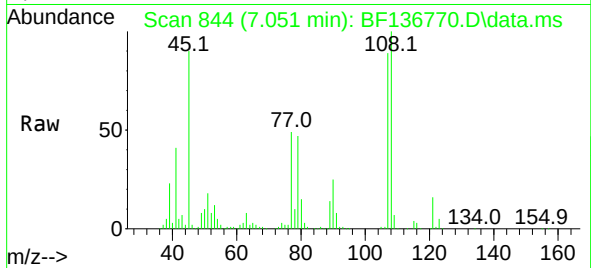
Tgt Ion: 45 Resp: 344219
Ion Ratio Lower Upper
45 100
77 15.3 0.0 34.3
79 12.7 0.0 31.4





#17
2-Methylphenol
Concen: 38.037 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

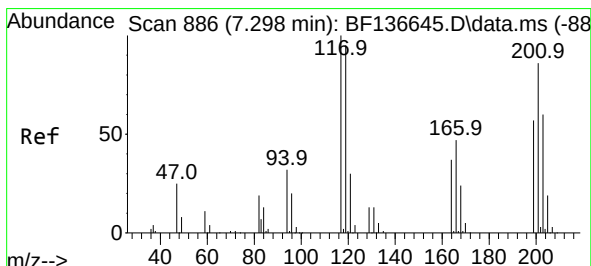
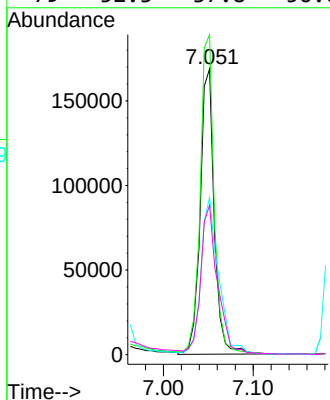
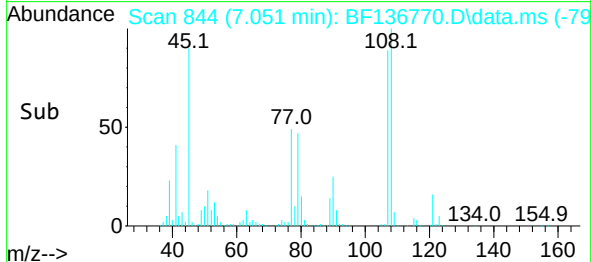
Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01MSD



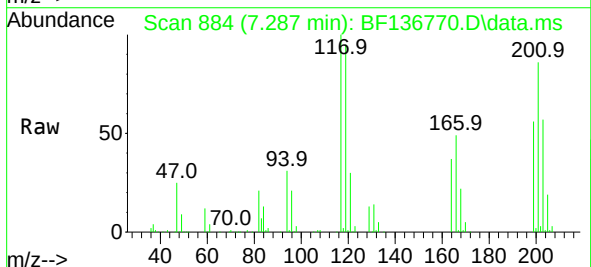
Tgt Ion:107 Resp: 183694
Ion Ratio Lower Upper
107 100
108 112.0 90.3 135.5
77 55.1 38.7 58.1
79 52.3 37.8 56.6

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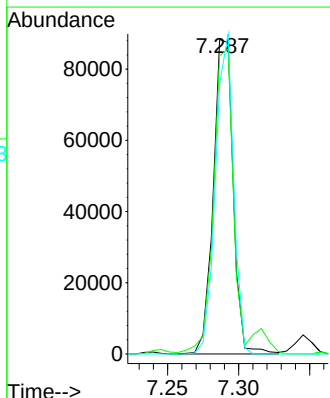
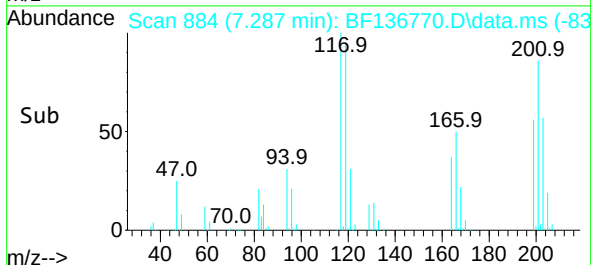
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

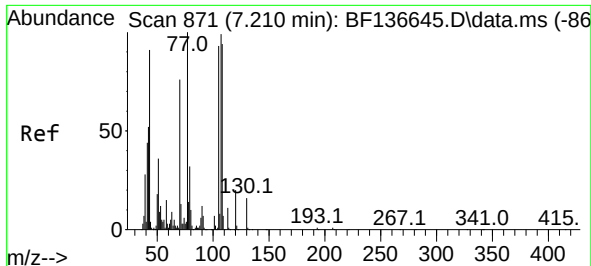


#18
Hexachloroethane
Concen: 36.282 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30



Tgt Ion:117 Resp: 85619
Ion Ratio Lower Upper
117 100
119 94.8 75.8 113.6
201 86.0 69.1 103.7





#19

n-Nitroso-di-n-propylamine

Concen: 38.694 ng

RT: 7.204 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF136770.D

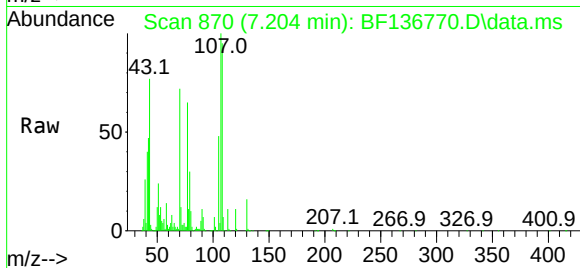
Acq: 27 Dec 2023 21:30

Instrument :

BNA_F

ClientSampleId :

WC-LIQUIDS-20231213-01MSD



Tgt Ion: 70 Resp: 161900

Ion Ratio Lower Upper

70 100

42 65.4 54.2 81.4

101 9.6 7.6 11.4

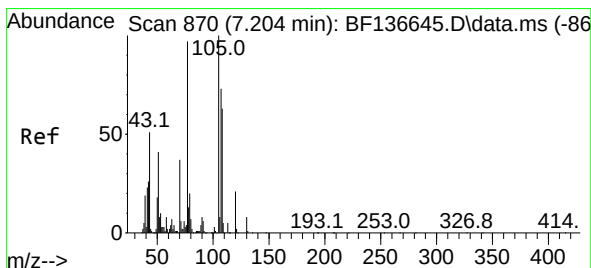
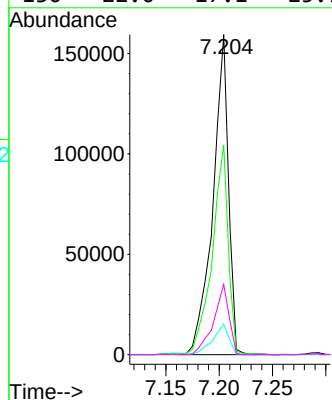
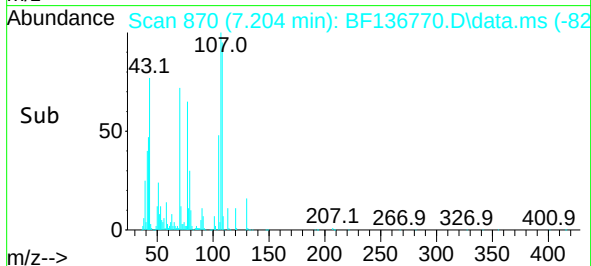
130 22.0 17.1 25.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#20

3+4-Methylphenols

Concen: 37.918 ng

RT: 7.204 min Scan# 870

Delta R.T. 0.000 min

Lab File: BF136770.D

Acq: 27 Dec 2023 21:30

Tgt Ion:107 Resp: 228773

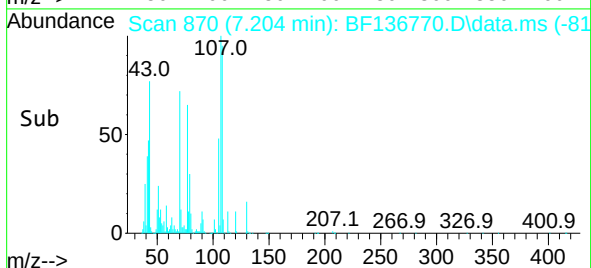
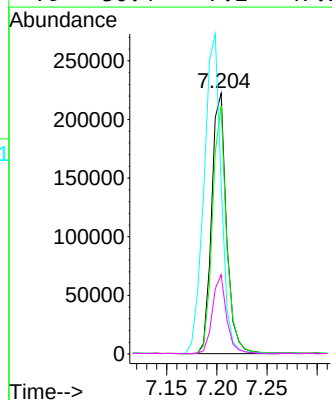
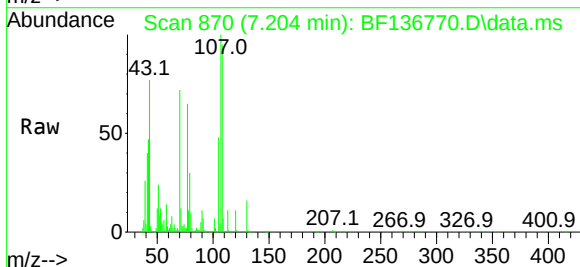
Ion Ratio Lower Upper

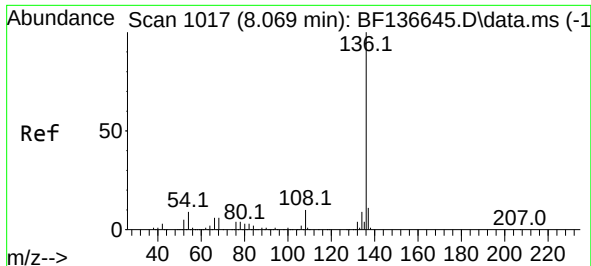
107 100

108 95.0 66.0 106.0

77 65.1 114.2 154.2#

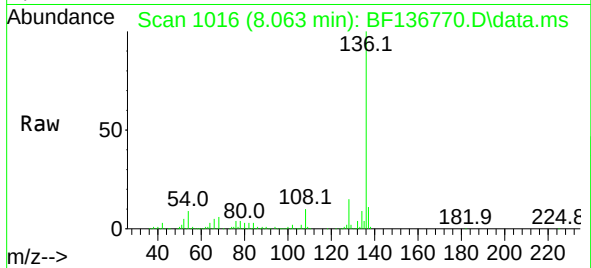
79 30.4 7.2 47.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

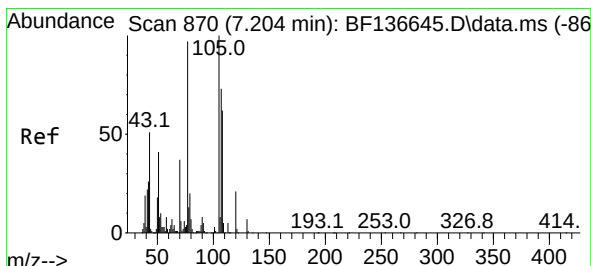
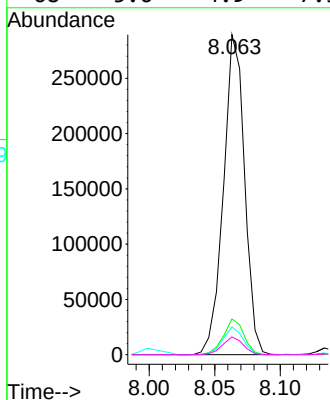
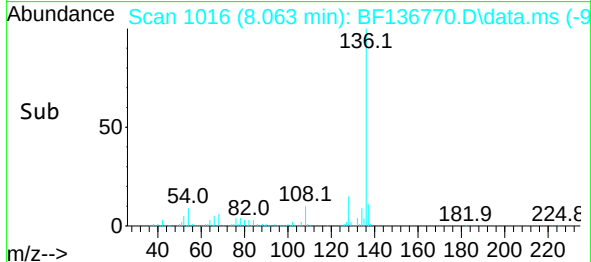
Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01MSD



Tgt Ion:136 Resp: 324049
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 8.7 7.2 10.8
68 5.6 4.9 7.3

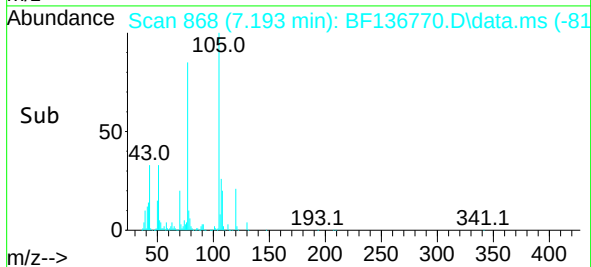
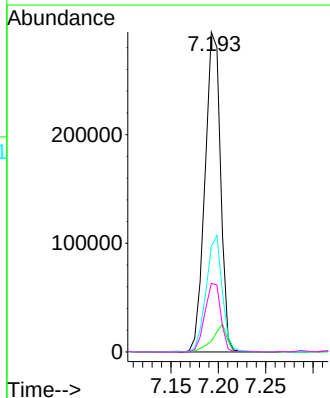
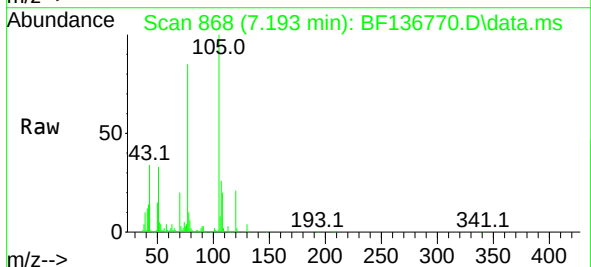
Manual Integrations
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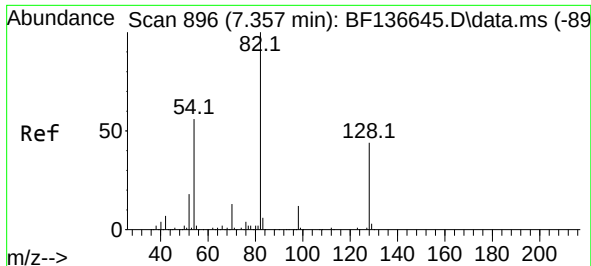
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#22
Acetophenone
Concen: 41.419 ng
RT: 7.193 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

Tgt Ion:105 Resp: 336413
Ion Ratio Lower Upper
105 100
71 3.4 4.8 7.2#
51 33.1 32.8 49.2
120 21.5 17.0 25.6





#23

Nitrobenzene-d5

Concen: 78.481 ng

RT: 7.351 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF136770.D

Acq: 27 Dec 2023 21:30

Instrument :

BNA_F

ClientSampleId :

WC-LIQUIDS-20231213-01MSD

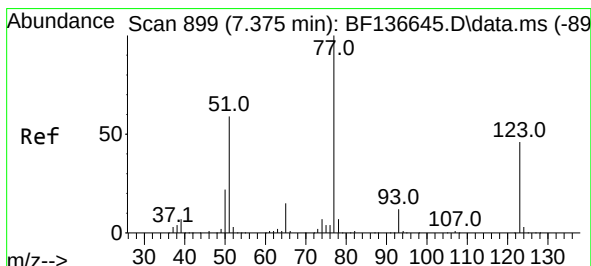
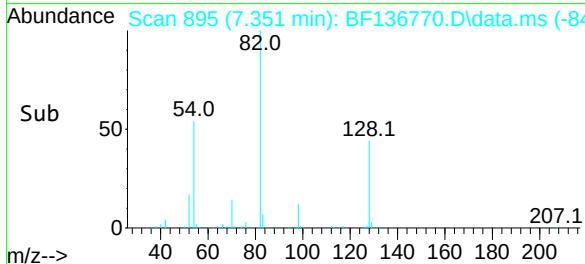
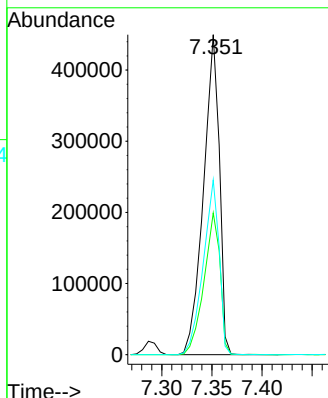
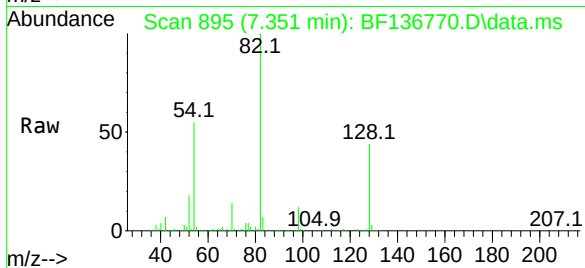
Tgt Ion: 82	Resp: 49699
Ion Ratio	Lower Upper
82 100	
128 44.3	35.3 52.9
54 54.6	44.5 66.7

Manual Integrations

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Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#24

Nitrobenzene

Concen: 38.063 ng

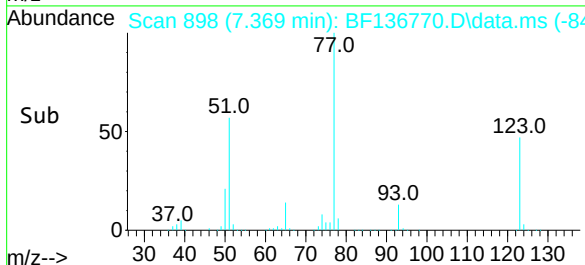
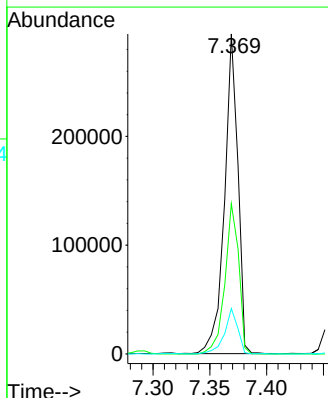
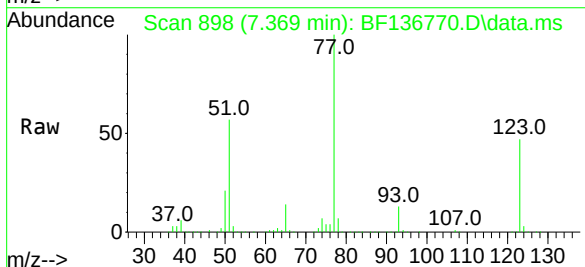
RT: 7.369 min Scan# 898

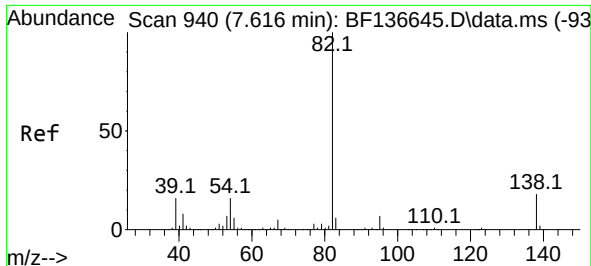
Delta R.T. -0.006 min

Lab File: BF136770.D

Acq: 27 Dec 2023 21:30

Tgt Ion: 77	Resp: 241459
Ion Ratio	Lower Upper
77 100	
123 47.0	36.7 55.1
65 14.2	11.8 17.6





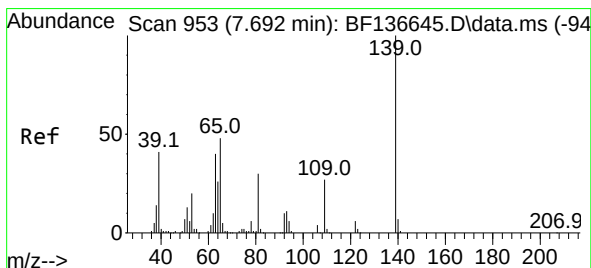
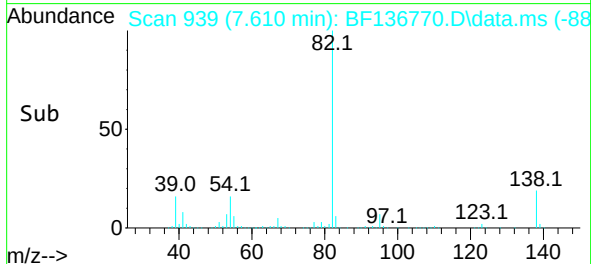
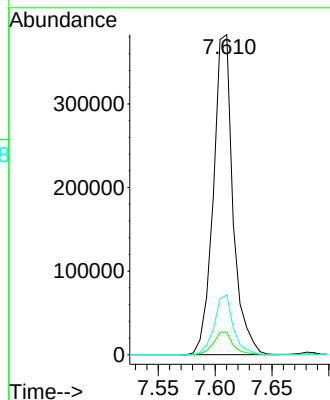
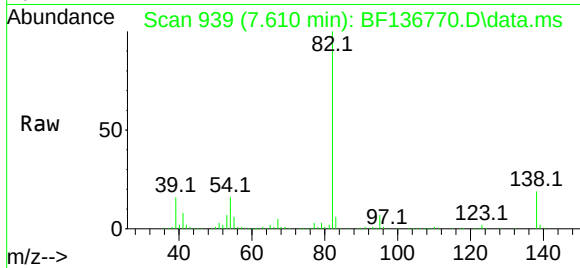
#25
Isophorone
Concen: 40.018 ng
RT: 7.610 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

Instrument :
BNA_F
Client Sample Id :
WC-LIQUIDS-20231213-01MSD

Tgt Ion: 82 Resp: 461129
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 18.6 14.5 21.7

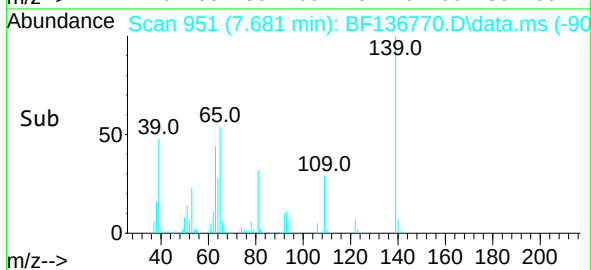
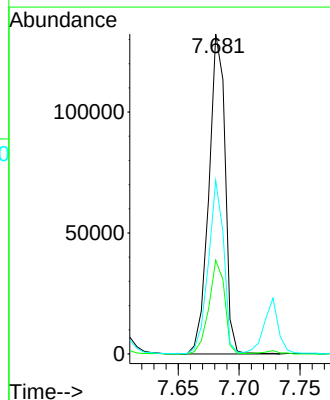
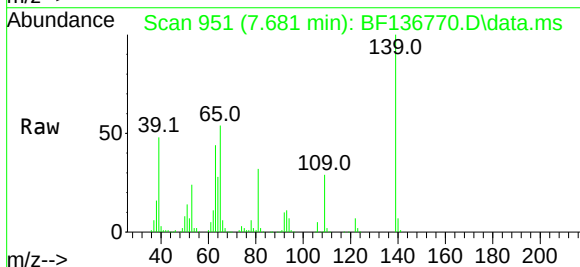
Manual Integrations
APPROVED

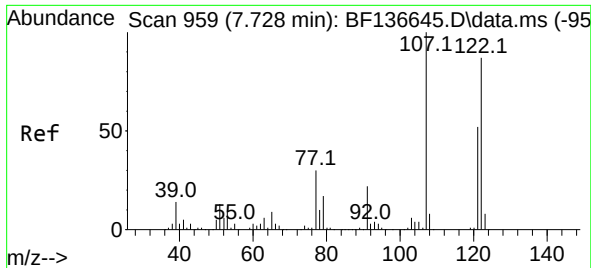
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#26
2-Nitrophenol
Concen: 40.460 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

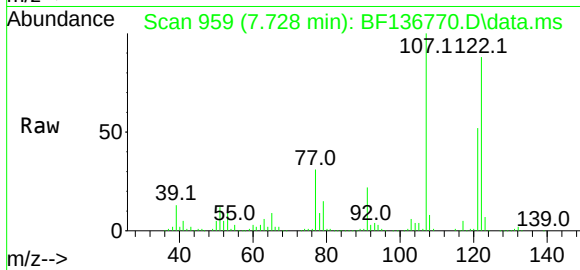
Tgt Ion:139 Resp: 122800
Ion Ratio Lower Upper
139 100
109 29.3 21.9 32.9
65 54.2 38.6 58.0





#27
2,4-Dimethylphenol
Concen: 48.907 ng
RT: 7.728 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

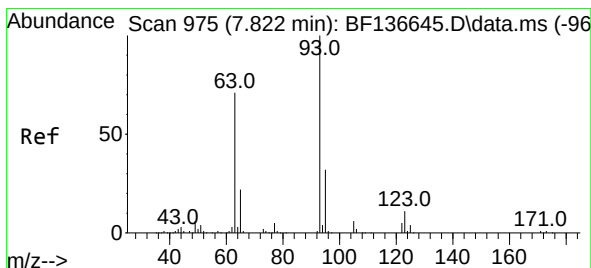
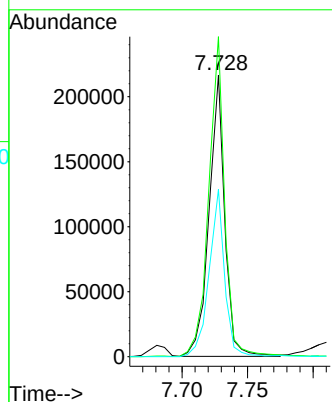
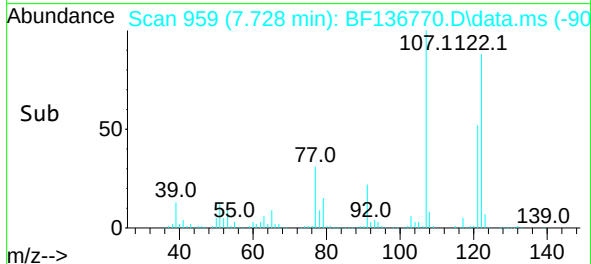
Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01MSD



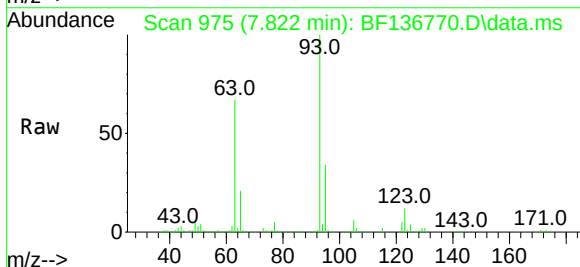
Tgt Ion:122 Resp: 180712
Ion Ratio Lower Upper
122 100
107 113.6 92.0 138.0
121 59.4 47.5 71.3

Manual Integrations
APPROVED

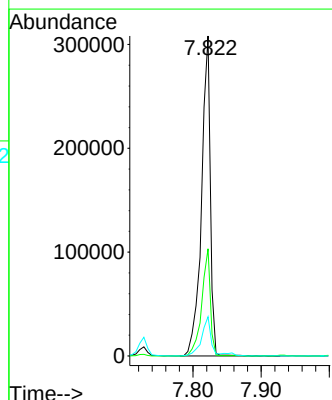
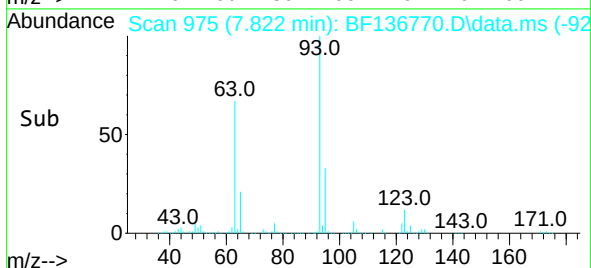
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

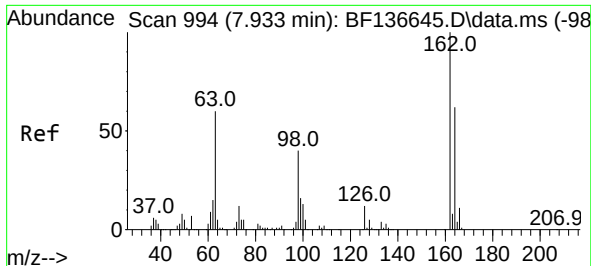


#28
bis(2-Chloroethoxy)methane
Concen: 39.765 ng
RT: 7.822 min Scan# 975
Delta R.T. 0.000 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30



Tgt Ion: 93 Resp: 278520
Ion Ratio Lower Upper
93 100
95 33.5 25.5 38.3
123 12.2 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 41.325 ng

RT: 7.928 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF136770.D

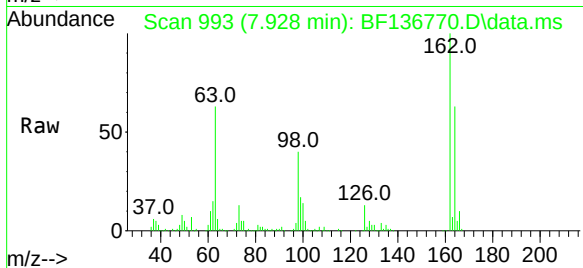
Acq: 27 Dec 2023 21:30

Instrument :

BNA_F

ClientSampleId :

WC-LIQUIDS-20231213-01MSD



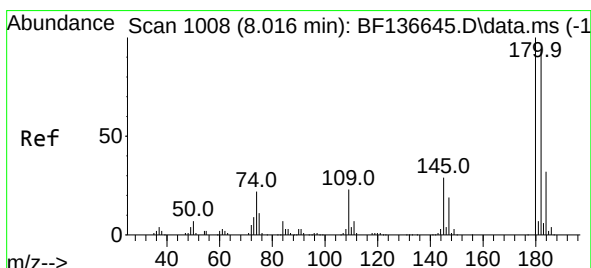
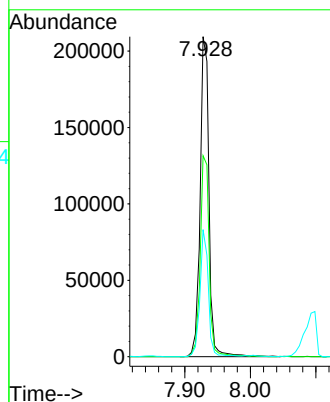
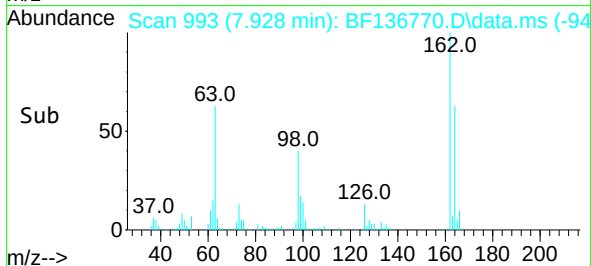
Tgt Ion:	162	Resp:	19658
Ion Ratio	Lower	Upper	
162	100		
164	62.8	41.7	81.7
98	39.7	19.5	59.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#30

1,2,4-Trichlorobenzene

Concen: 38.661 ng

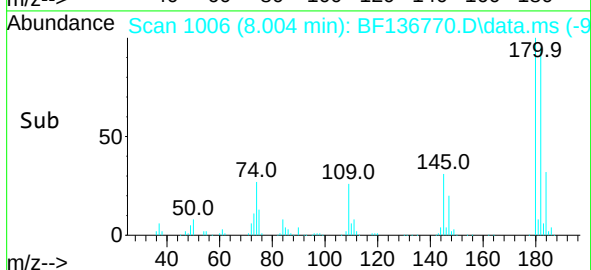
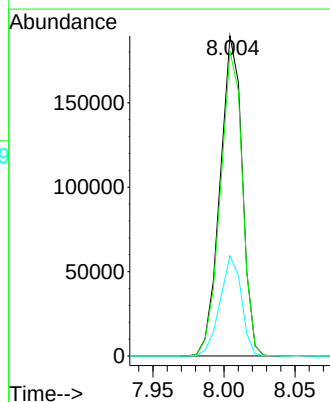
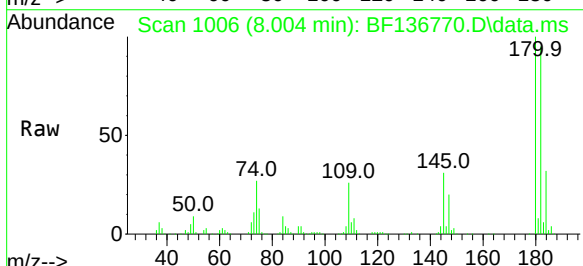
RT: 8.004 min Scan# 1006

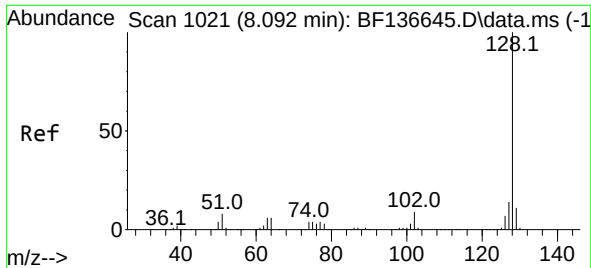
Delta R.T. -0.012 min

Lab File: BF136770.D

Acq: 27 Dec 2023 21:30

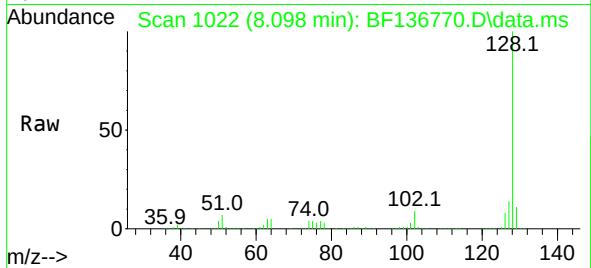
Tgt Ion:	180	Resp:	204913
Ion Ratio	Lower	Upper	
180	100		
182	95.2	75.4	113.0
145	31.3	23.1	34.7





#31
Naphthalene
Concen: 151.432 ng
RT: 8.098 min Scan# 1021
Delta R.T. 0.006 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

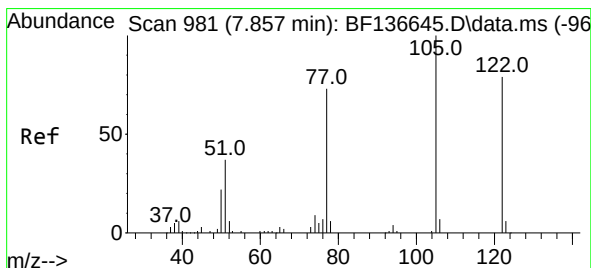
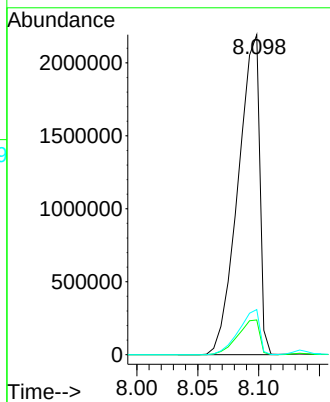
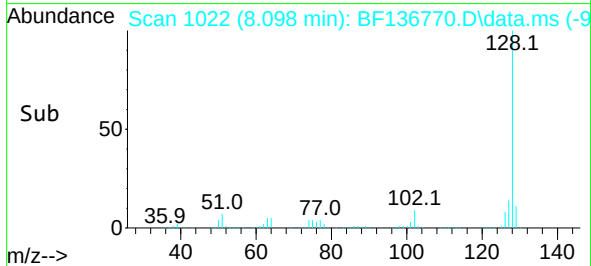
Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01MSD



Tgt Ion:128 Resp: 269585
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 14.1 10.8 16.2

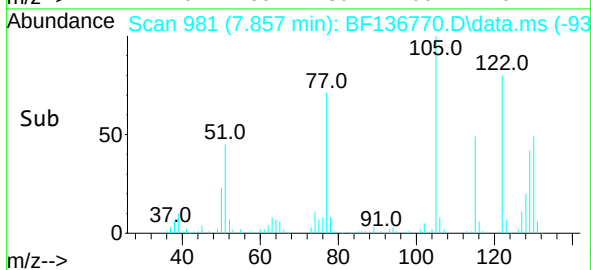
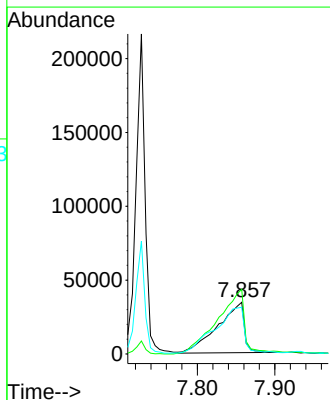
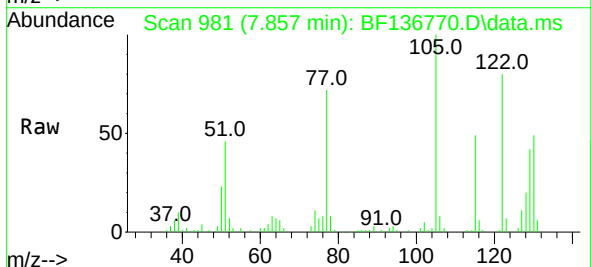
Manual Integrations
APPROVED

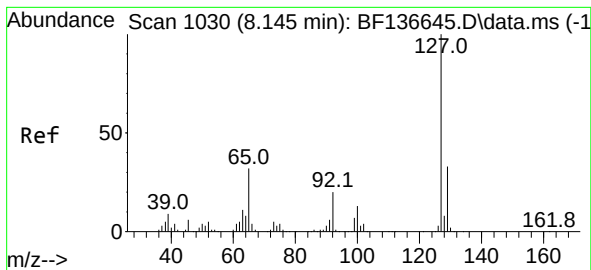
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#32
Benzoic acid
Concen: 22.715 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

Tgt Ion:122 Resp: 81210
Ion Ratio Lower Upper
122 100
105 125.1 100.8 140.8
77 90.5 70.9 110.9





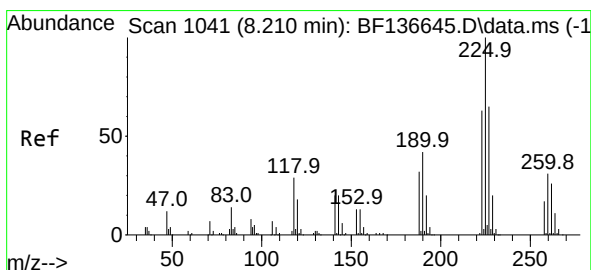
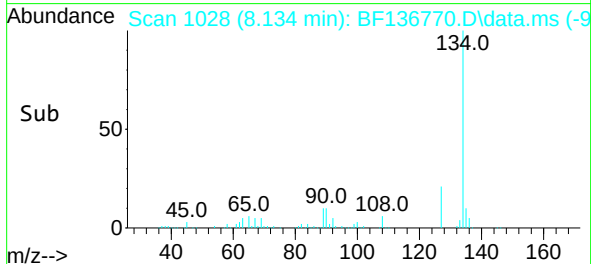
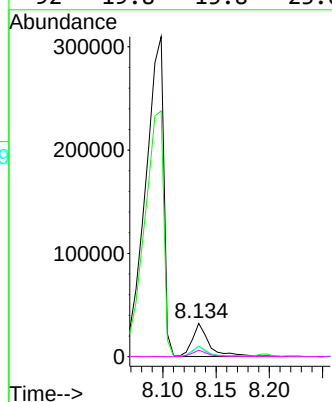
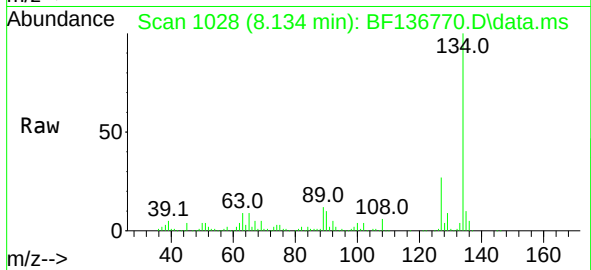
#33
4-Chloroaniline
Concen: 5.276 ng
RT: 8.134 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

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

Tgt Ion:127	Resp: 34680
Ion Ratio	Lower Upper
127 100	
129 31.8	26.3 39.5
65 31.2	25.8 38.8
92 19.8	15.8 23.6

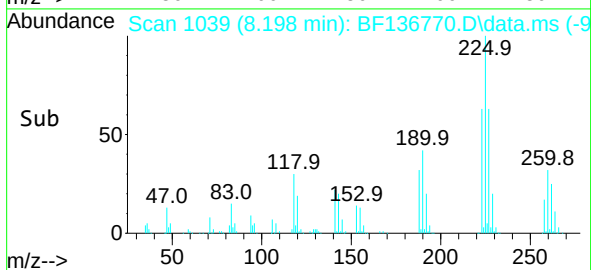
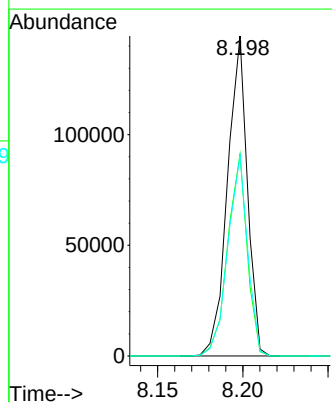
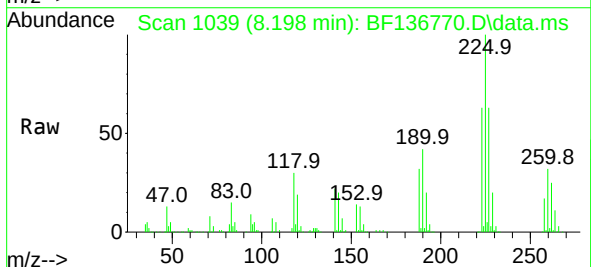
Manual Integrations
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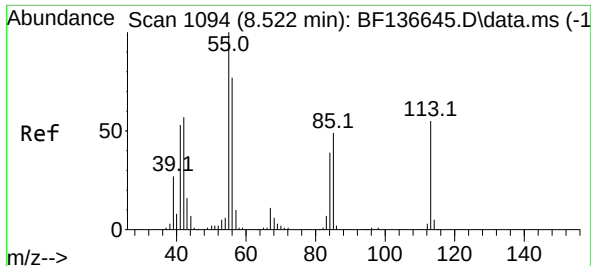
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#34
Hexachlorobutadiene
Concen: 36.339 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

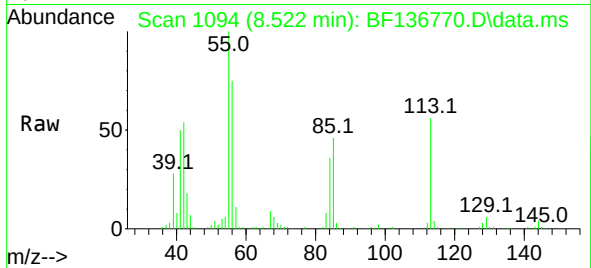
Tgt Ion:225	Resp: 117021
Ion Ratio	Lower Upper
225 100	
223 63.1	50.6 76.0
227 62.6	51.9 77.9





#35
 Caprolactam
 Concen: 37.989 ng m
 RT: 8.522 min Scan# 1094
 Delta R.T. 0.000 min
 Lab File: BF136770.D
 Acq: 27 Dec 2023 21:30

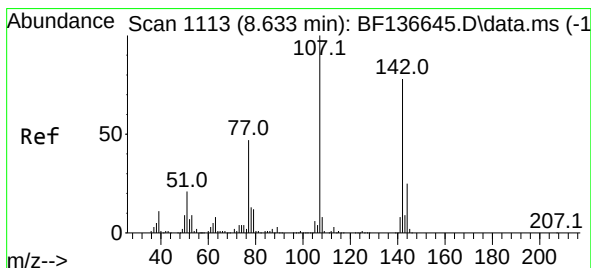
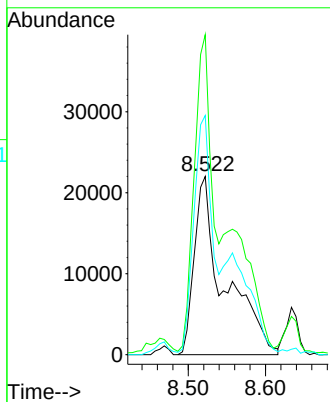
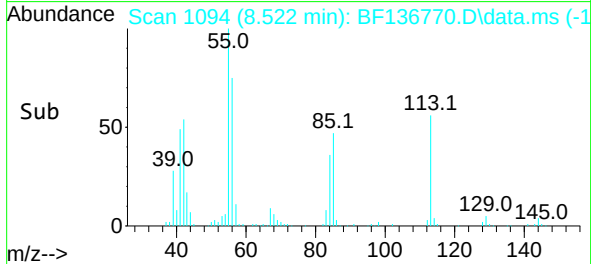
Instrument :
 BNA_F
 ClientSampleId :
 WC-LIQUIDS-20231213-01MSD



Tgt Ion:113 Resp: 5961
 Ion Ratio Lower Upper
 113 100
 55 179.5 163.1 203.1
 56 134.2 121.7 161.7

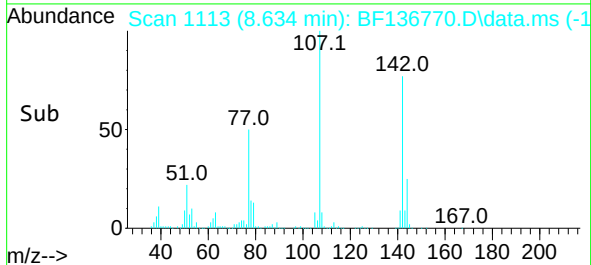
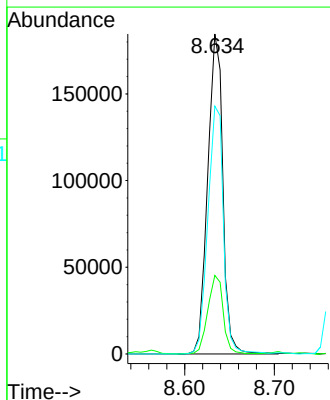
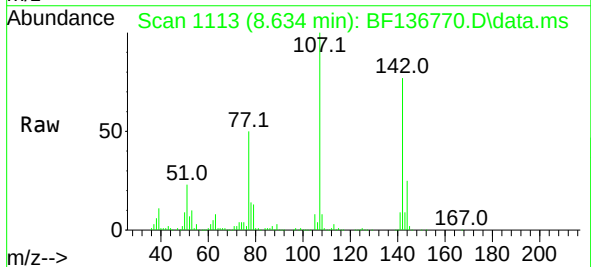
Manual Integrations
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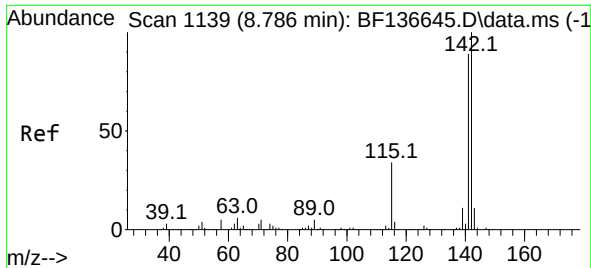
Reviewed By :Yogesh Patel 12/28/2023
 Supervised By :mohammad ahmed 12/28/2023



#36
 4-Chloro-3-methylphenol
 Concen: 40.307 ng
 RT: 8.634 min Scan# 1113
 Delta R.T. 0.000 min
 Lab File: BF136770.D
 Acq: 27 Dec 2023 21:30

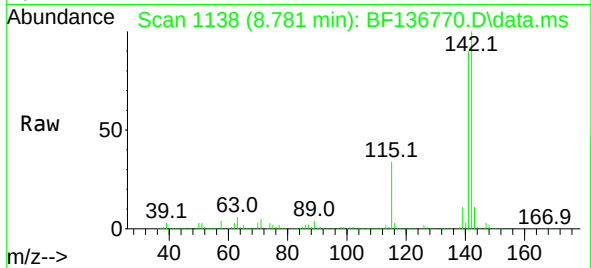
Tgt Ion:107 Resp: 215862
 Ion Ratio Lower Upper
 107 100
 144 24.5 20.2 30.2
 142 77.5 62.3 93.5





#37
2-Methylnaphthalene
Concen: 56.881 ng
RT: 8.781 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

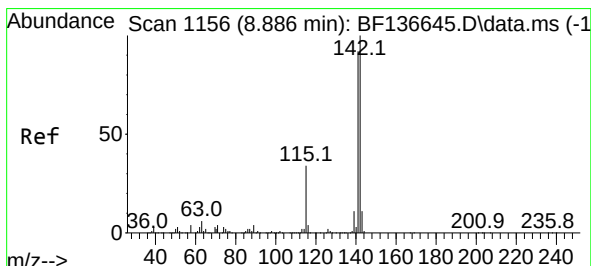
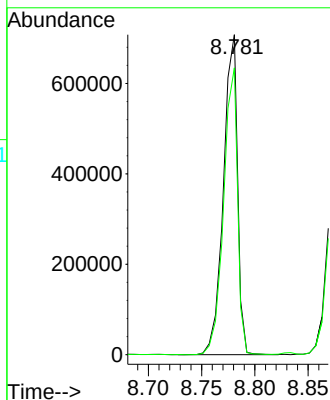
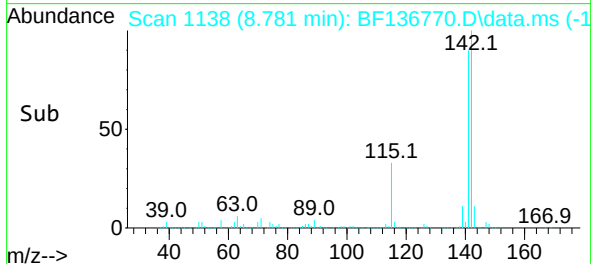
Instrument : BNA_F
ClientSampleId : WC-LIQUIDS-20231213-01MSD



Tgt Ion:142 Resp: 65169
Ion Ratio Lower Upper
142 100
141 89.7 71.1 106.7

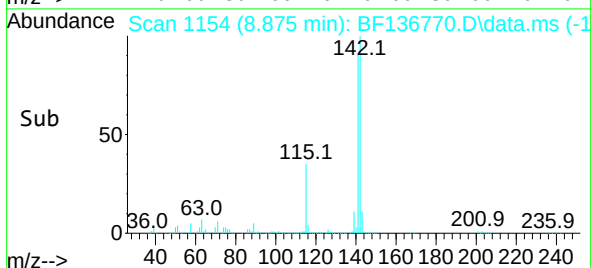
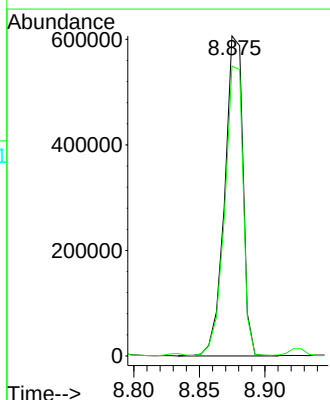
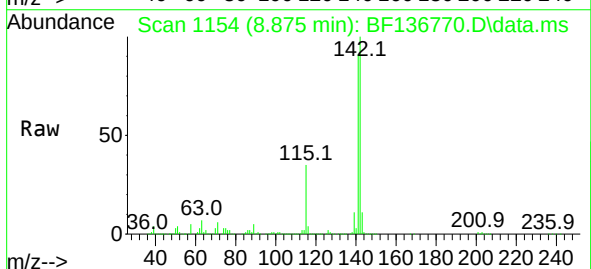
Manual Integrations
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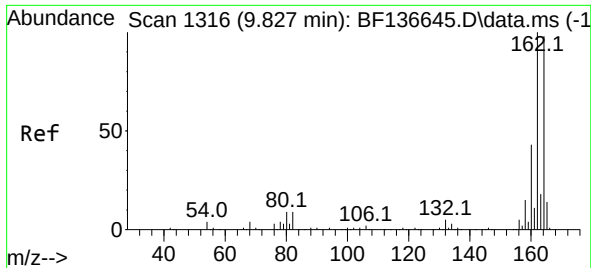
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#38
1-Methylnaphthalene
Concen: 52.437 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

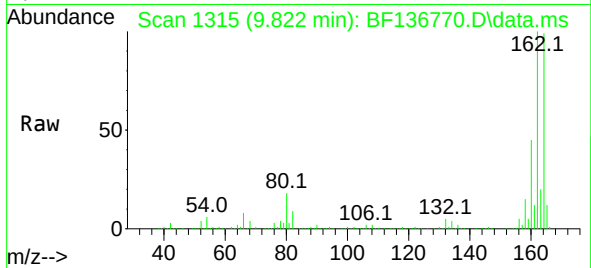
Tgt Ion:142 Resp: 589409
Ion Ratio Lower Upper
142 100
141 90.6 73.6 110.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

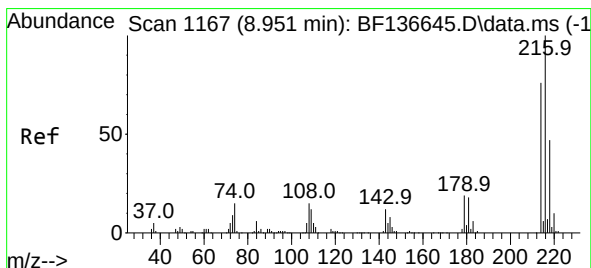
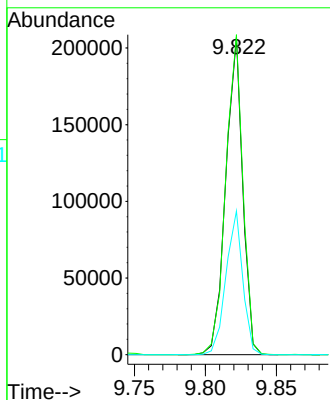
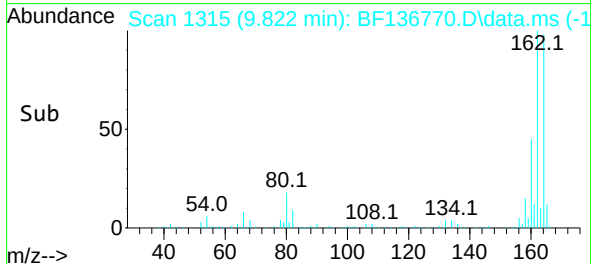
Instrument : BNA_F
ClientSampleId : WC-LIQUIDS-20231213-01MSD



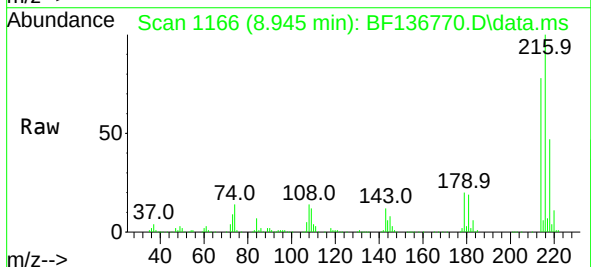
Tgt Ion:164 Resp: 17168
Ion Ratio Lower Upper
164 100
162 100.8 81.6 122.4
160 45.3 34.9 52.3

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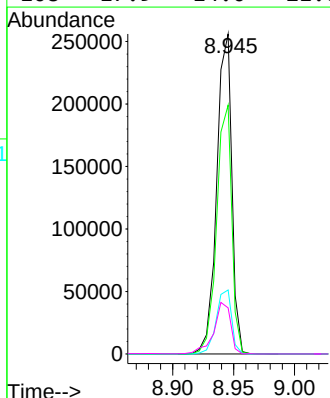
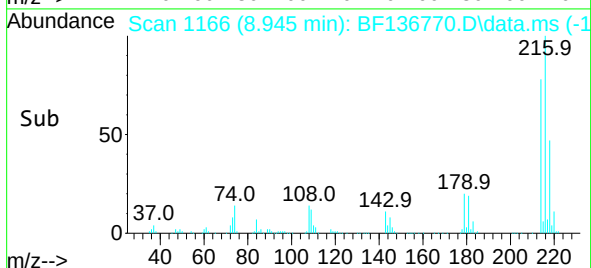
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

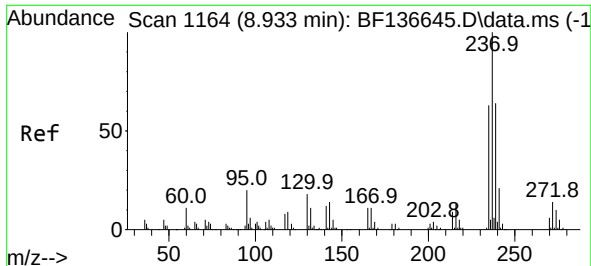


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.564 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30



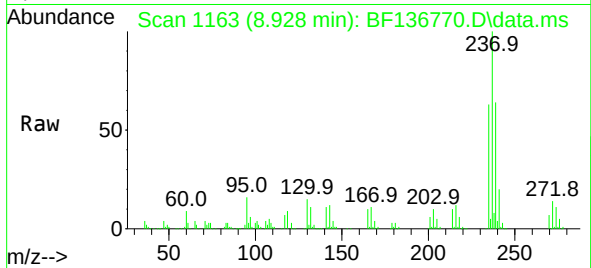
Tgt Ion:216 Resp: 220994
Ion Ratio Lower Upper
216 100
214 77.7 62.3 93.5
179 20.4 16.4 24.6
108 17.9 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 63.108 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

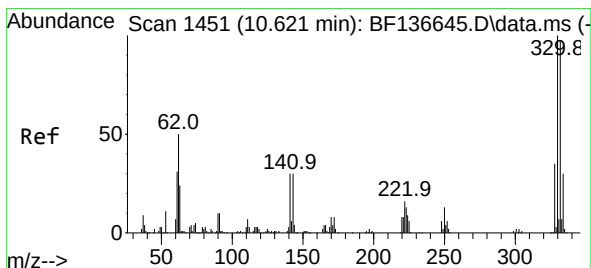
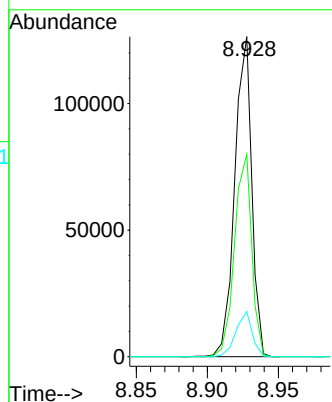
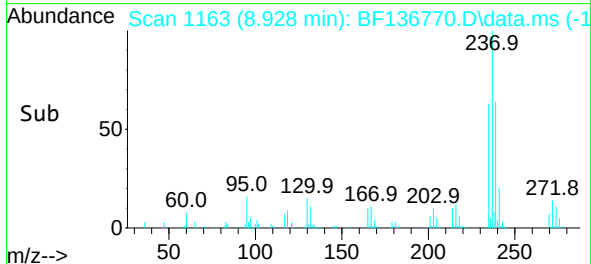
Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01MSD



Tgt Ion: 237 Resp: 105118
Ion Ratio Lower Upper
237 100
235 63.2 43.2 83.2
272 14.1 0.0 34.2

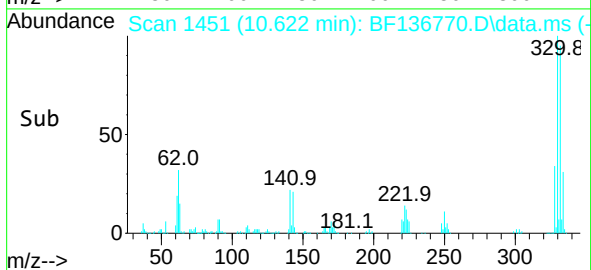
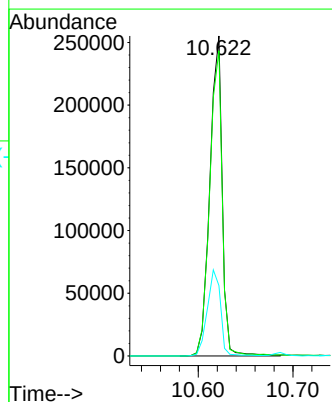
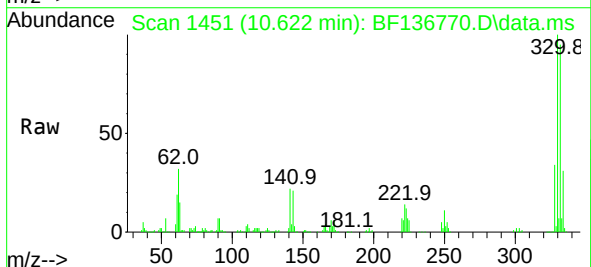
Manual Integrations
APPROVED

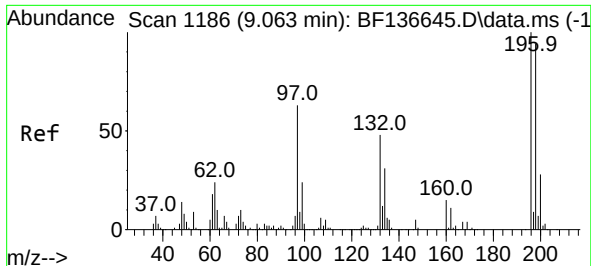
Reviewed By : Yogesh Patel 12/28/2023
Supervised By : mohammad ahmed 12/28/2023



#42
2,4,6-Tribromophenol
Concen: 114.174 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

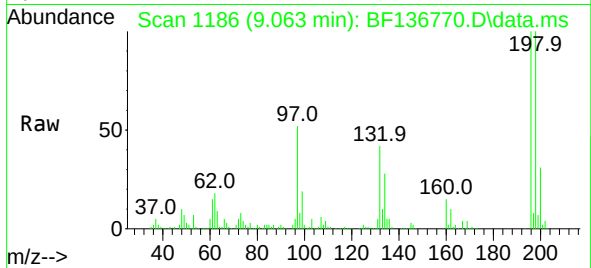
Tgt Ion: 330 Resp: 230853
Ion Ratio Lower Upper
330 100
332 97.5 77.4 116.0
141 28.9 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 40.548 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

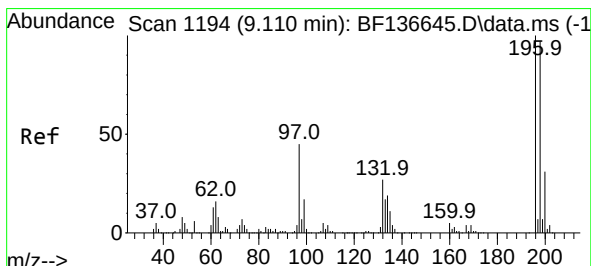
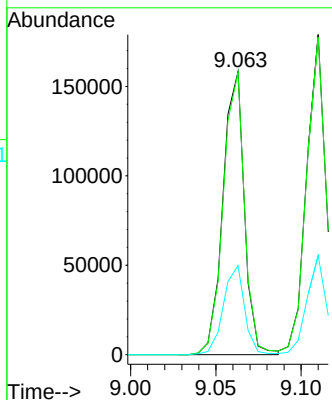
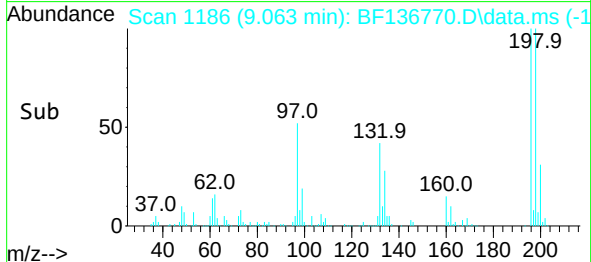
Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01MSD



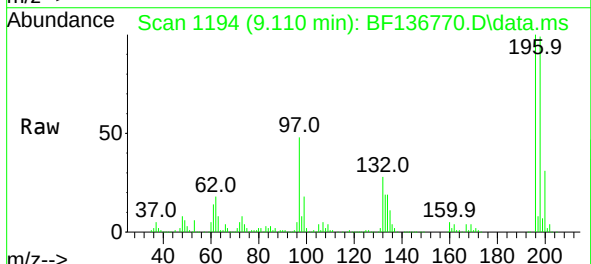
Tgt Ion:196 Resp: 13826
Ion Ratio Lower Upper
196 100
198 99.7 75.1 112.7
200 31.5 22.5 33.7

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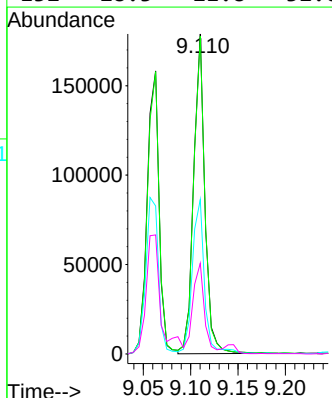
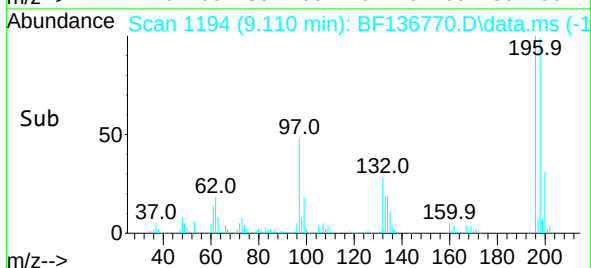
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

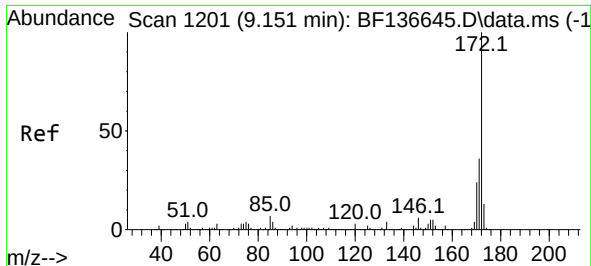


#44
2,4,5-Trichlorophenol
Concen: 39.059 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30



Tgt Ion:196 Resp: 148415
Ion Ratio Lower Upper
196 100
198 99.2 77.0 115.6
97 48.3 36.1 54.1
132 28.3 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 76.702 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF136770.D

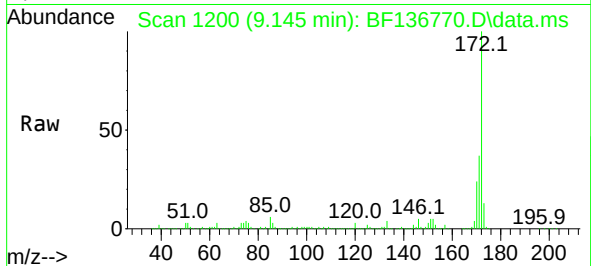
Acq: 27 Dec 2023 21:30

Instrument :

BNA_F

ClientSampleId :

WC-LIQUIDS-20231213-01MSD



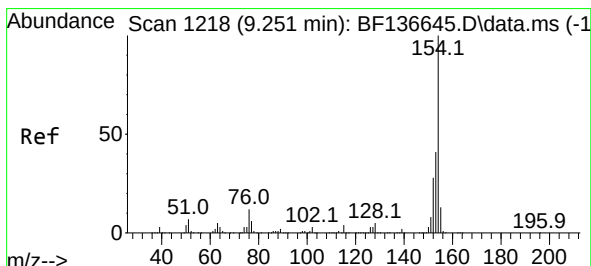
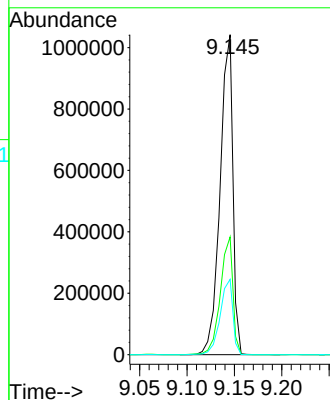
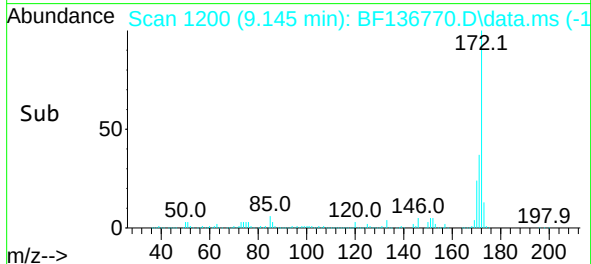
Tgt Ion:	172	Resp:	979070
Ion Ratio	Lower	Upper	
172	100		
171	36.8	29.0	43.6
170	23.6	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#46

1,1'-Biphenyl

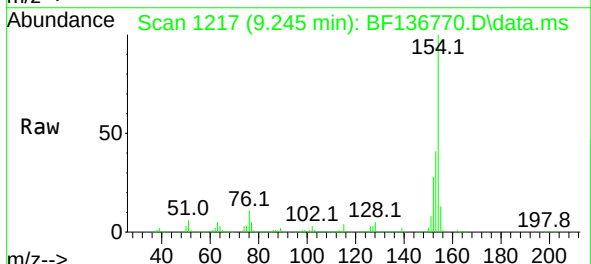
Concen: 42.390 ng

RT: 9.245 min Scan# 1217

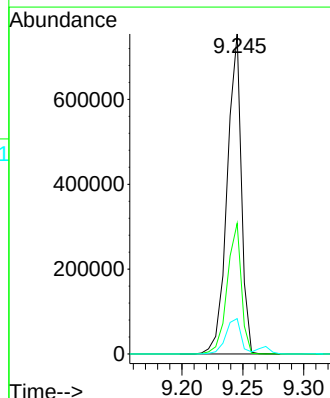
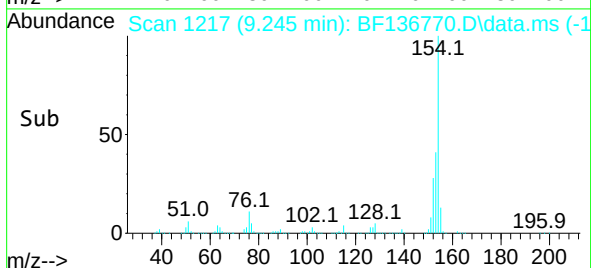
Delta R.T. -0.006 min

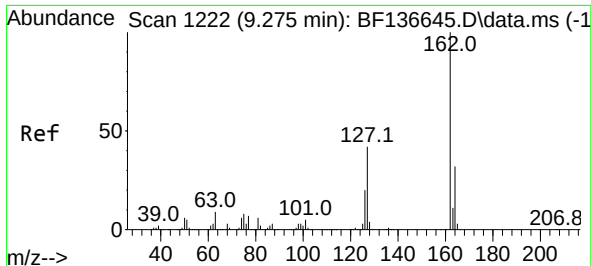
Lab File: BF136770.D

Acq: 27 Dec 2023 21:30



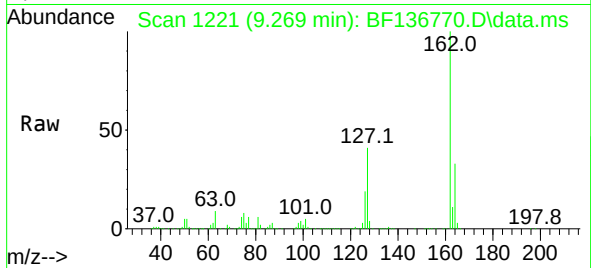
Tgt Ion:	154	Resp:	610705
Ion Ratio	Lower	Upper	
154	100		
153	40.8	21.1	61.1
76	11.1	0.0	31.7





#47
2-Chloronaphthalene
Concen: 39.204 ng
RT: 9.269 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

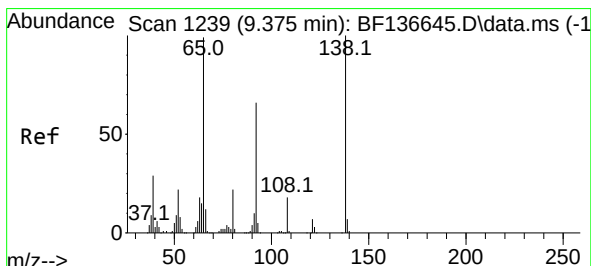
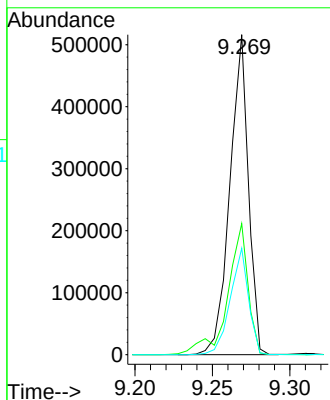
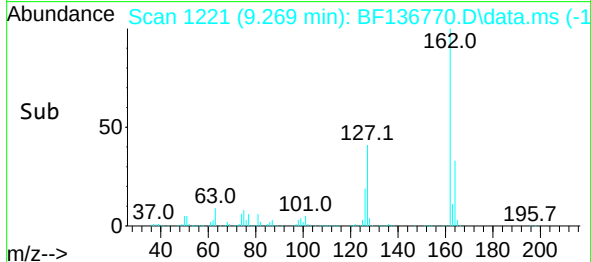
Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01MSD



Tgt Ion:162 Resp: 429370
Ion Ratio Lower Upper
162 100
127 41.0 33.6 50.4
164 33.3 25.7 38.5

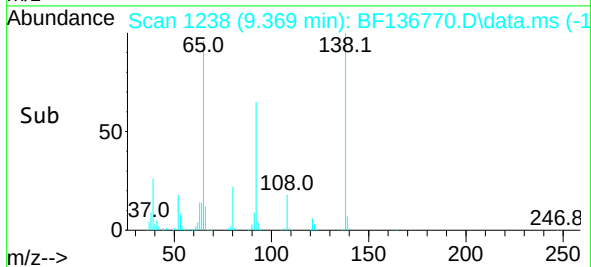
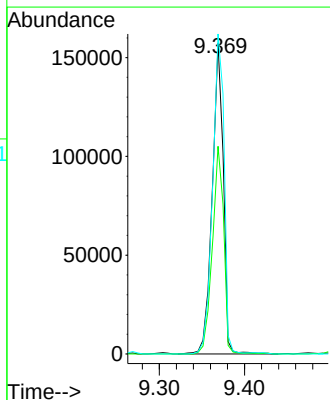
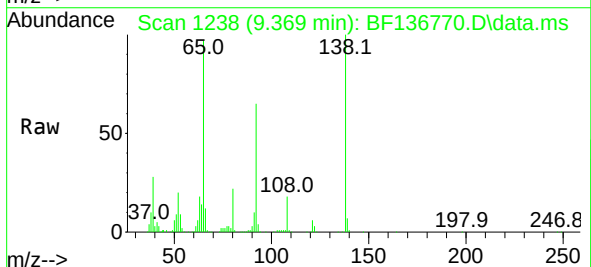
Manual Integrations
APPROVED

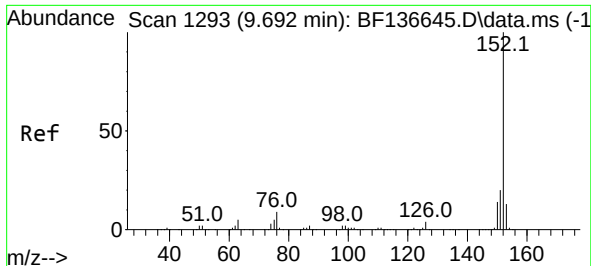
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#48
2-Nitroaniline
Concen: 41.575 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

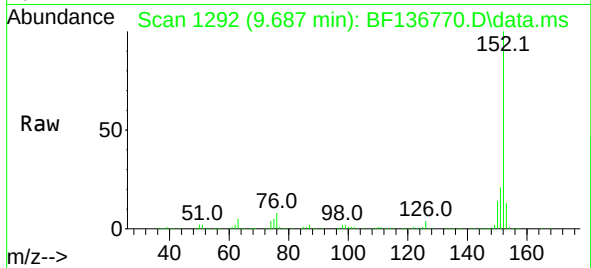
Tgt Ion: 65 Resp: 142590
Ion Ratio Lower Upper
65 100
92 66.8 53.2 79.8
138 103.0 81.1 121.7





#49
Acenaphthylene
Concen: 44.383 ng
RT: 9.687 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

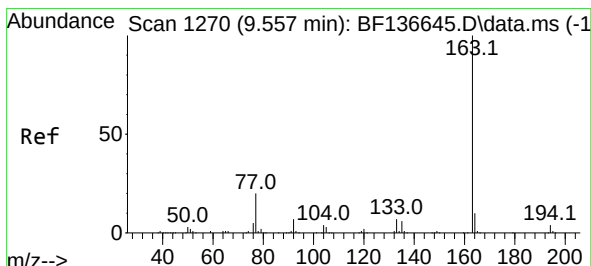
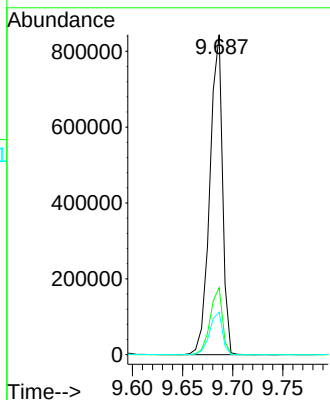
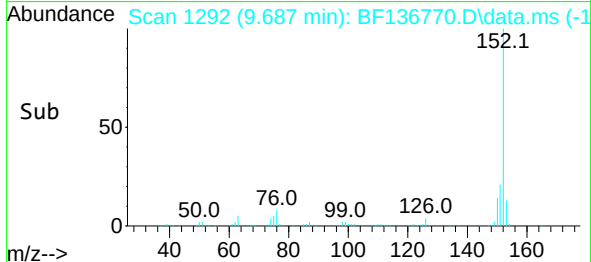
Instrument : BNA_F
ClientSampleId : WC-LIQUIDS-20231213-01MSD



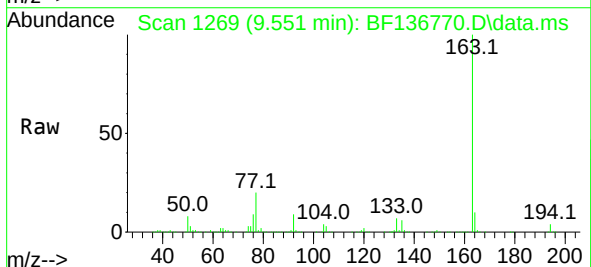
Tgt Ion:152 Resp: 742984
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.4
153 13.3 10.2 15.2

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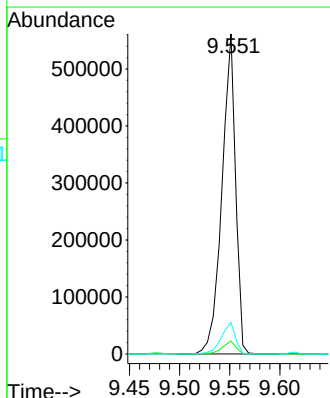
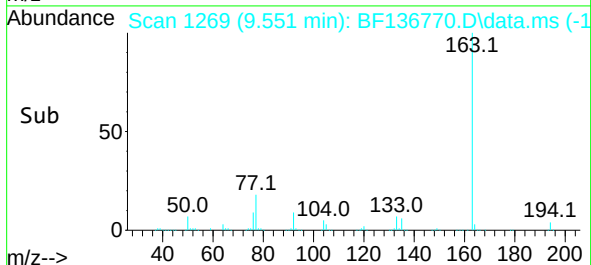
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

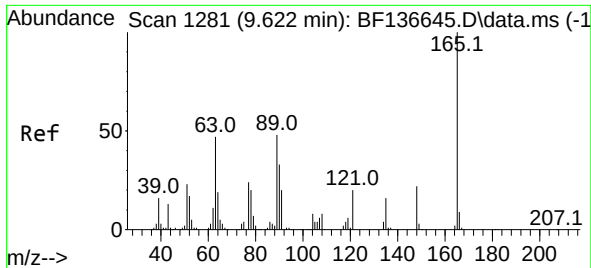


#50
Dimethylphthalate
Concen: 42.322 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30



Tgt Ion:163 Resp: 530716
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.8 7.8 11.6





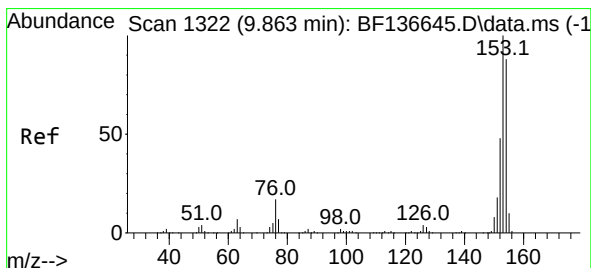
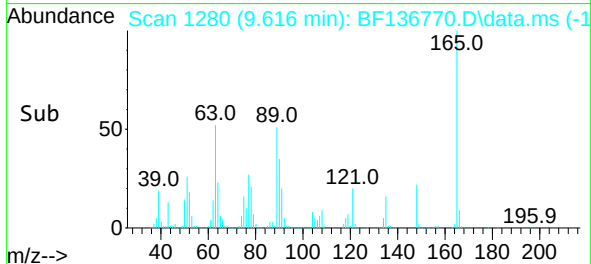
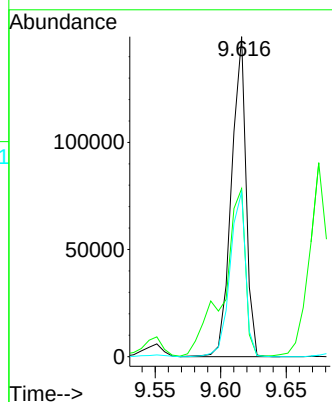
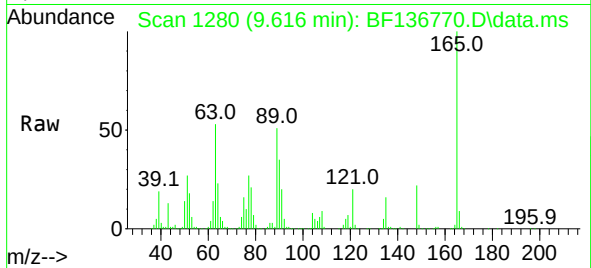
#51
2,6-Dinitrotoluene
Concen: 40.684 ng
RT: 9.616 min Scan# 11578
Delta R.T. -0.006 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

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

Tgt Ion:165 Resp: 11578
Ion Ratio Lower Upper
165 100
63 52.5 39.8 59.6
89 51.5 38.8 58.2

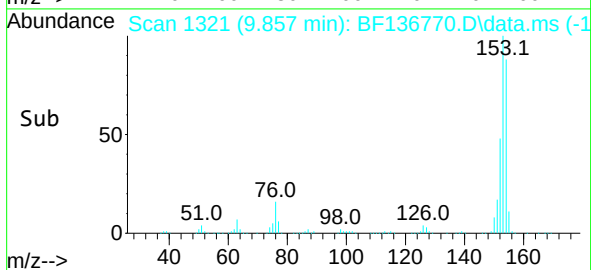
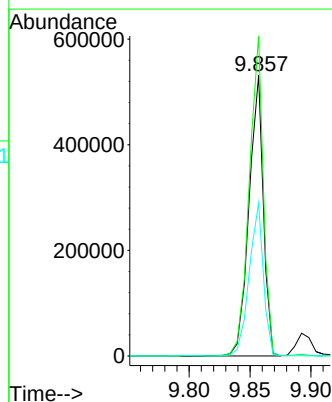
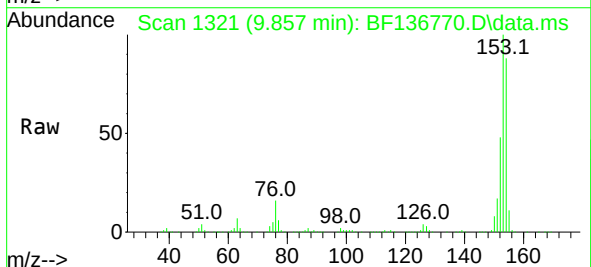
Manual Integrations
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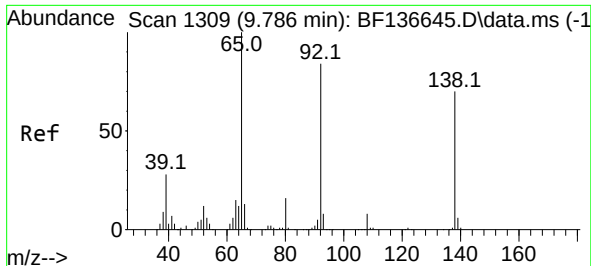
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#52
Acenaphthene
Concen: 42.119 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

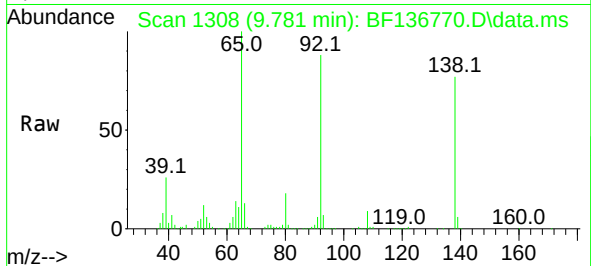
Tgt Ion:154 Resp: 437069
Ion Ratio Lower Upper
154 100
153 114.1 90.7 136.1
152 54.5 43.7 65.5





#53
3-Nitroaniline
Concen: 22.859 ng
RT: 9.781 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

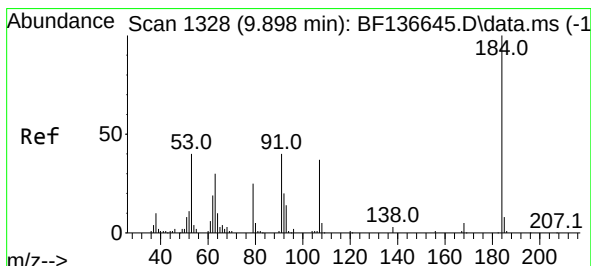
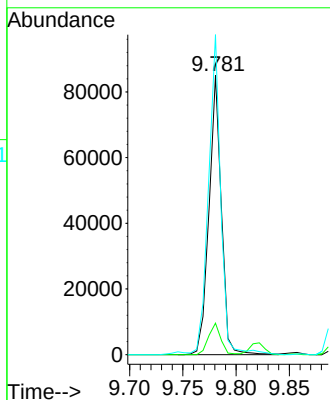
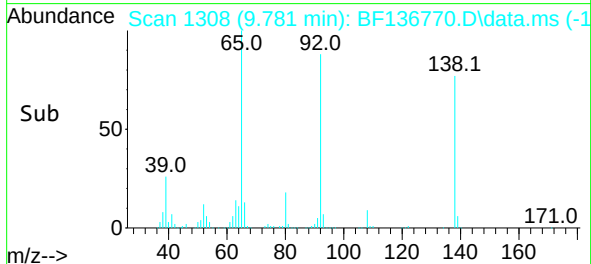
Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01MSD



Tgt Ion:138 Resp: 68914
Ion Ratio Lower Upper
138 100
108 11.3 8.6 12.8
92 114.6 95.2 142.8

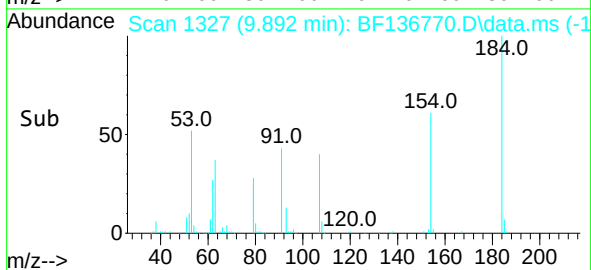
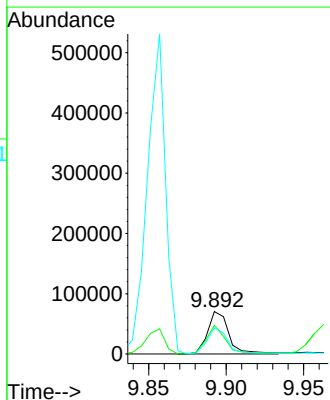
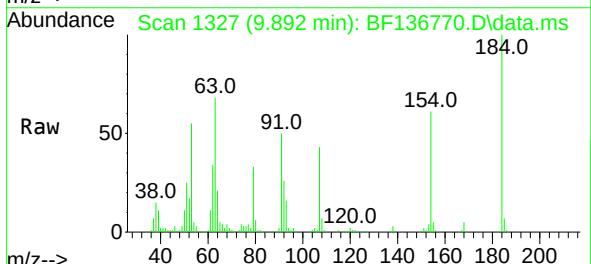
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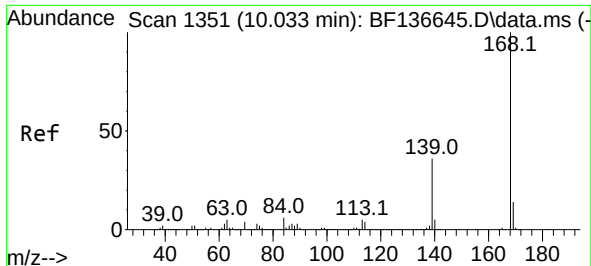
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#54
2,4-Dinitrophenol
Concen: 44.399 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

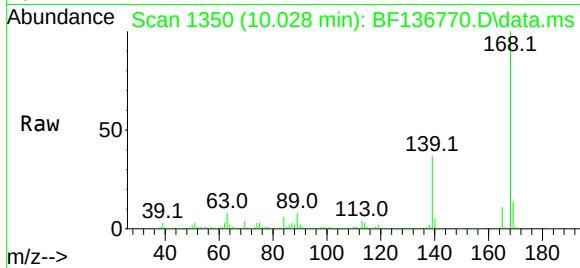
Tgt Ion:184 Resp: 67281
Ion Ratio Lower Upper
184 100
63 67.5 40.9 61.3#
154 61.2 42.7 64.1





#55
Dibenzenofuran
Concen: 40.241 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

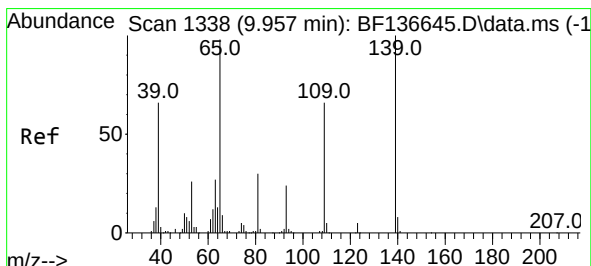
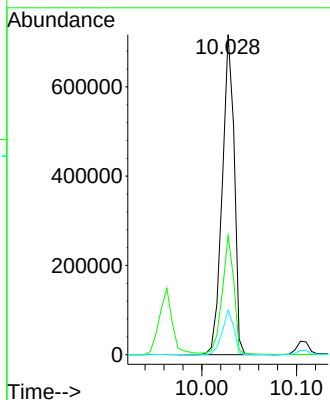
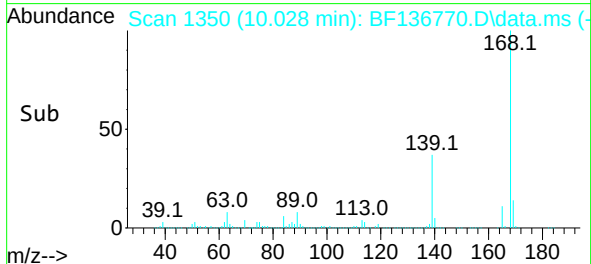
Instrument : BNA_F
ClientSampleId : WC-LIQUIDS-20231213-01MSD



Tgt Ion:168 Resp: 632994
Ion Ratio Lower Upper
168 100
139 37.1 29.3 43.9
169 13.9 11.0 16.4

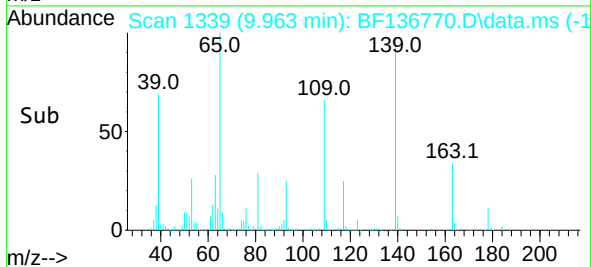
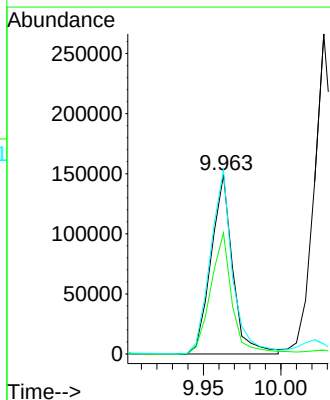
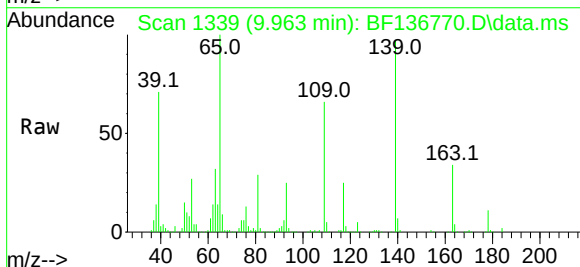
Manual Integrations
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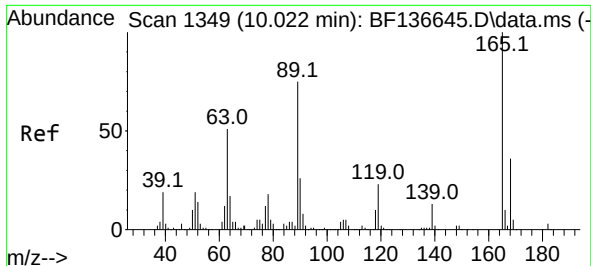
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#56
4-Nitrophenol
Concen: 71.144 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

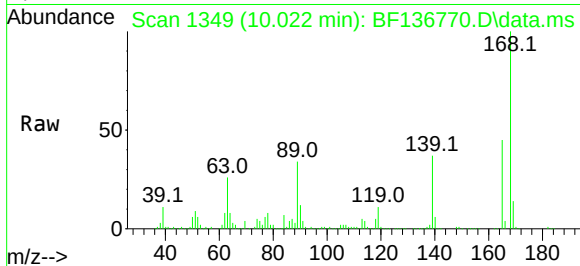
Tgt Ion:139 Resp: 144790
Ion Ratio Lower Upper
139 100
109 67.6 45.8 85.8
65 102.6 77.8 117.8





#57
2,4-Dinitrotoluene
Concen: 39.573 ng
RT: 10.022 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

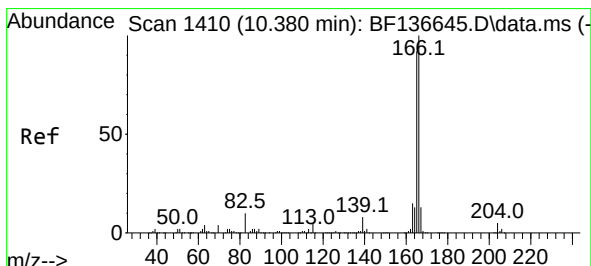
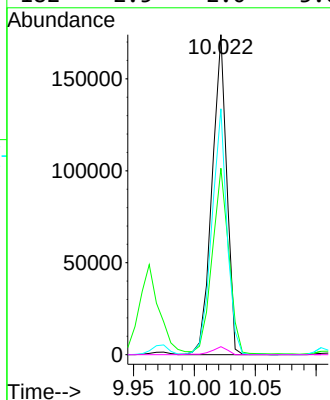
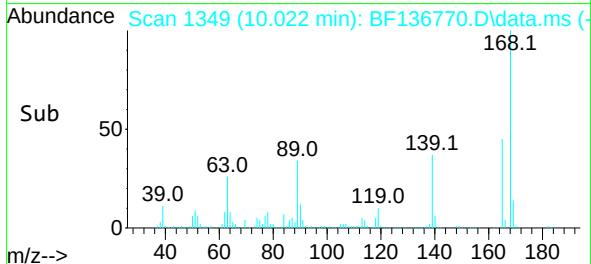
Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01MSD



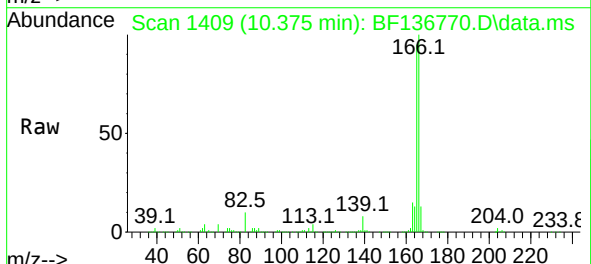
Tgt Ion:165 Resp: 146200
Ion Ratio Lower Upper
165 100
63 58.2 41.0 61.6
89 76.8 59.9 89.9
182 2.5 2.0 3.0

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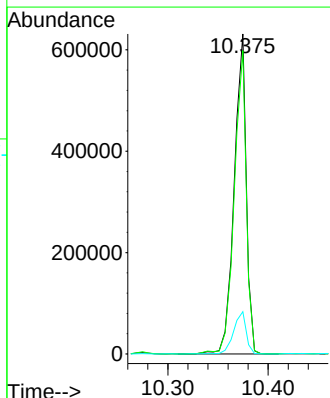
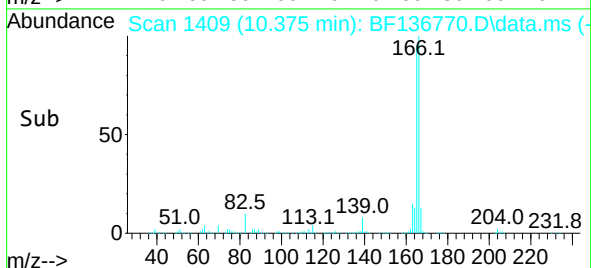
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

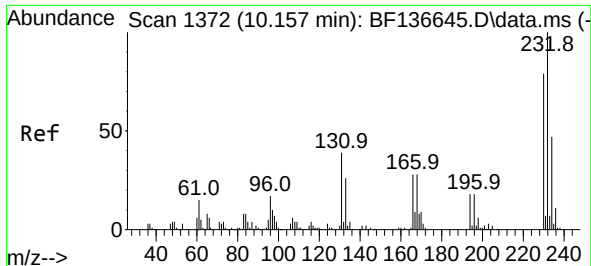


#58
Fluorene
Concen: 42.448 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30



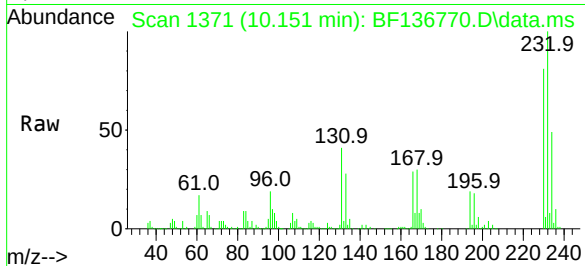
Tgt Ion:166 Resp: 529800
Ion Ratio Lower Upper
166 100
165 94.8 73.7 110.5
167 13.2 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.026 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

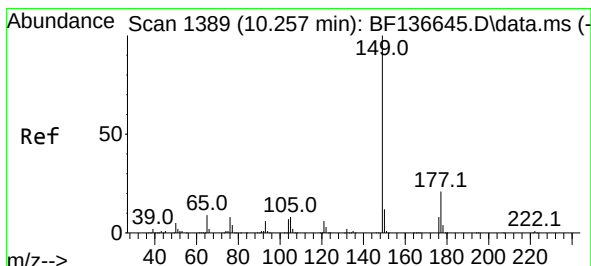
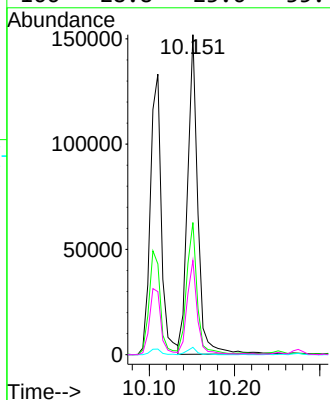
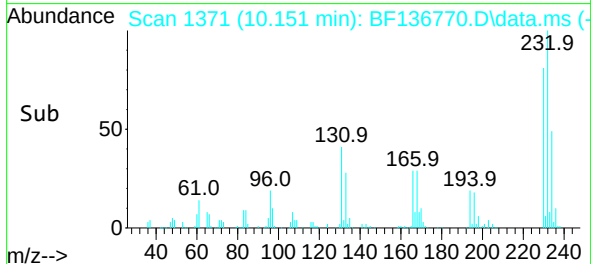
Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01MSD



Tgt Ion:232 Resp: 12585
Ion Ratio Lower Upper
232 100
131 42.2 35.1 52.7
130 2.2 1.6 2.4
166 28.8 23.6 35.4

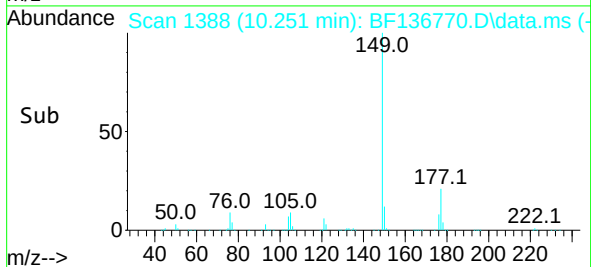
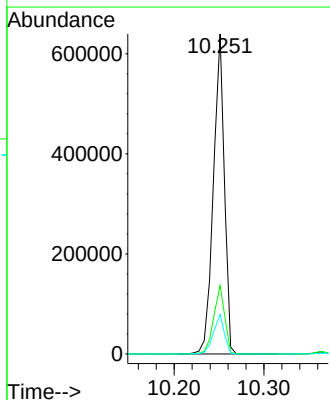
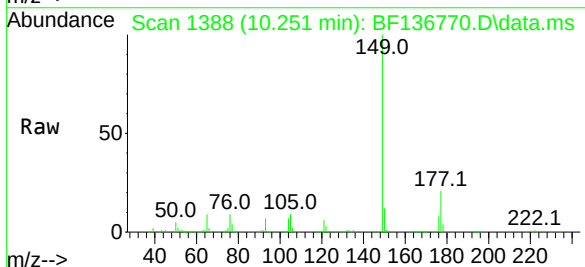
Manual Integrations
APPROVED

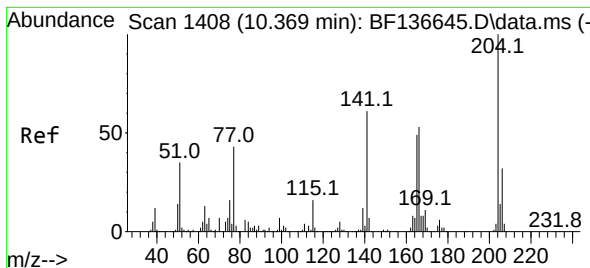
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#60
Diethylphthalate
Concen: 41.794 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

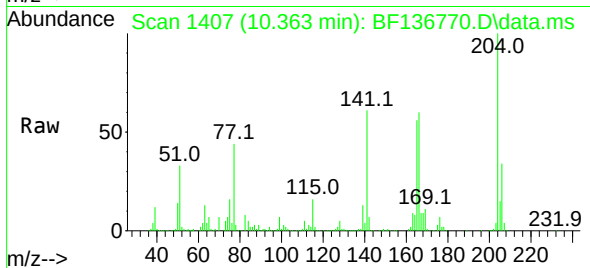
Tgt Ion:149 Resp: 543784
Ion Ratio Lower Upper
149 100
177 21.4 16.9 25.3
150 12.3 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 39.596 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

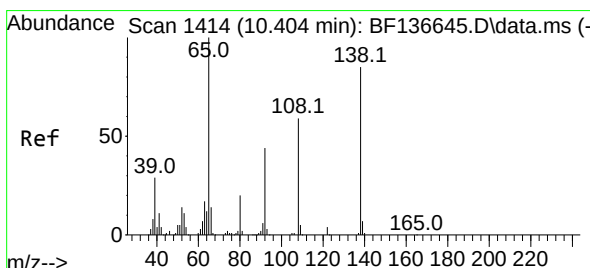
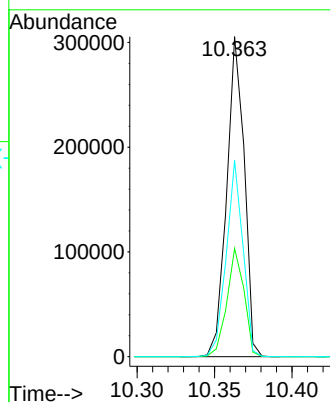
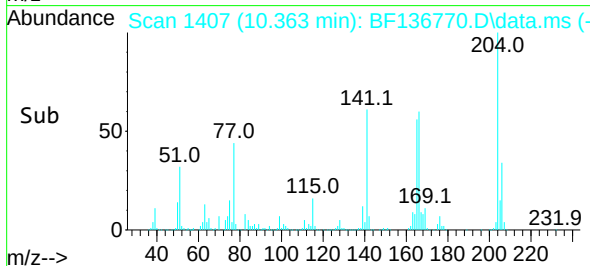
Instrument : BNA_F
ClientSampleId : WC-LIQUIDS-20231213-01MSD



Tgt Ion:204 Resp: 240219
Ion Ratio Lower Upper
204 100
206 33.8 25.6 38.4
141 61.3 48.4 72.6

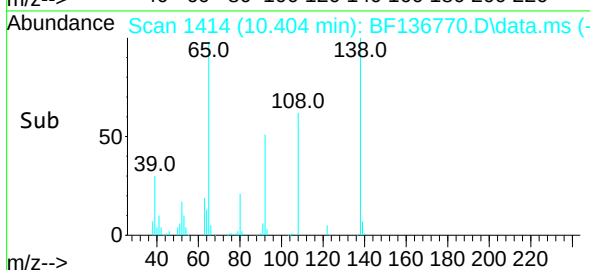
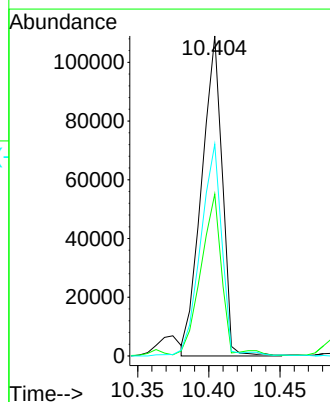
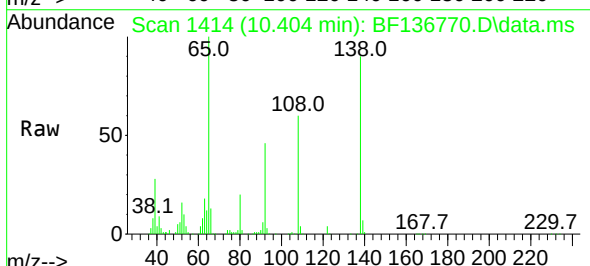
Manual Integrations
APPROVED

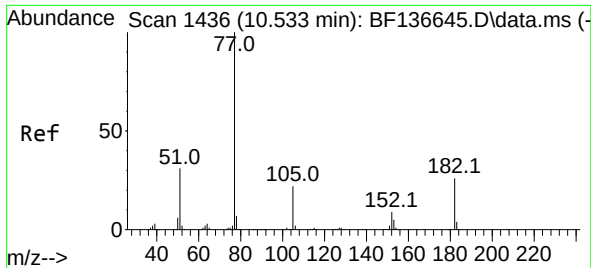
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#62
4-Nitroaniline
Concen: 37.941 ng m
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

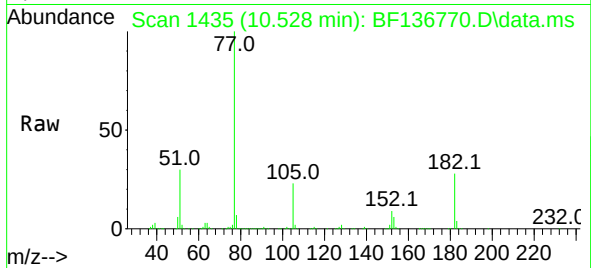
Tgt Ion:138 Resp: 110270
Ion Ratio Lower Upper
138 100
92 50.6 32.1 72.1
108 66.2 50.1 90.1





#63
Azobenzene
Concen: 40.637 ng
RT: 10.528 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

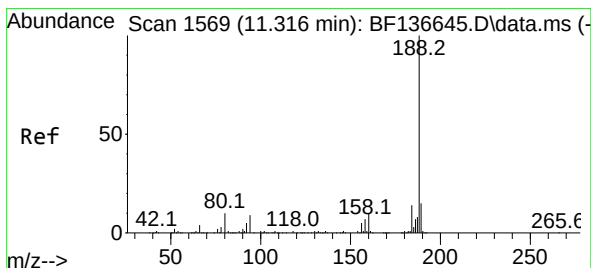
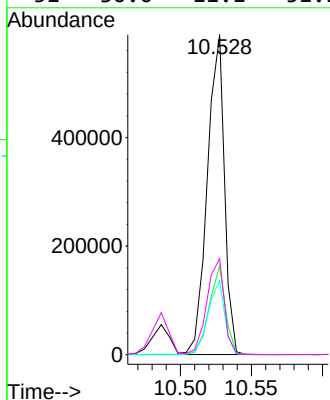
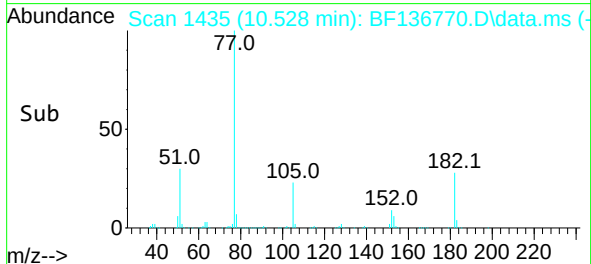
Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01MSD



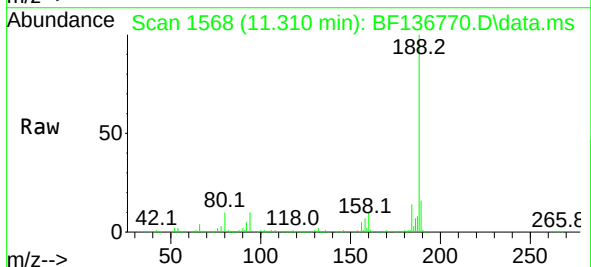
Tgt Ion: 77 Resp: 49384
Ion Ratio Lower Upper
77 100
182 27.8 6.0 46.0
105 23.2 2.3 42.3
51 30.0 11.1 51.1

Manual Integrations
APPROVED

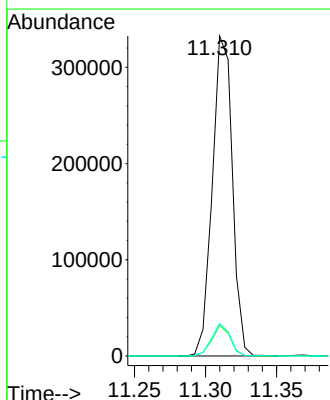
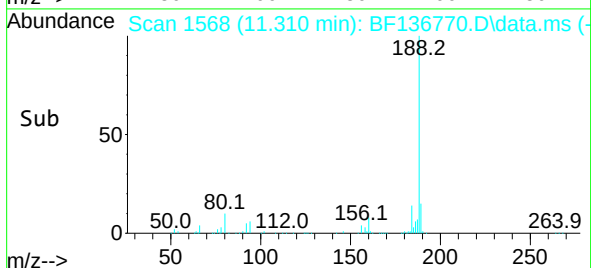
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

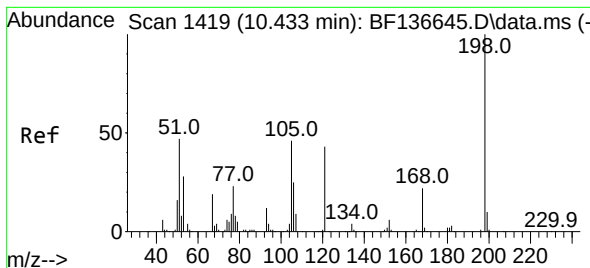


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30



Tgt Ion:188 Resp: 325395
Ion Ratio Lower Upper
188 100
94 9.6 7.5 11.3
80 10.2 8.1 12.1





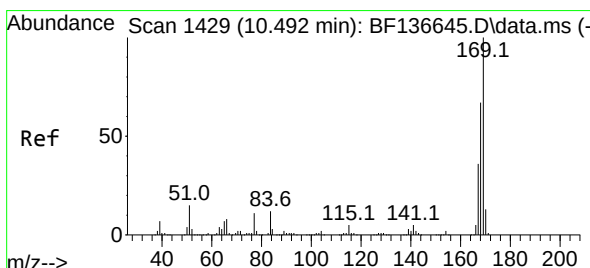
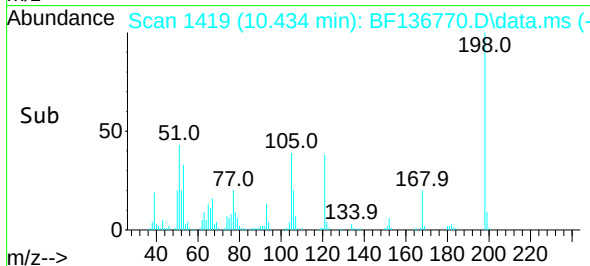
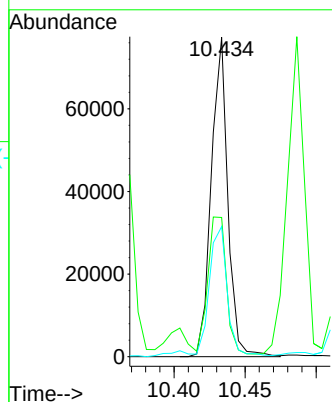
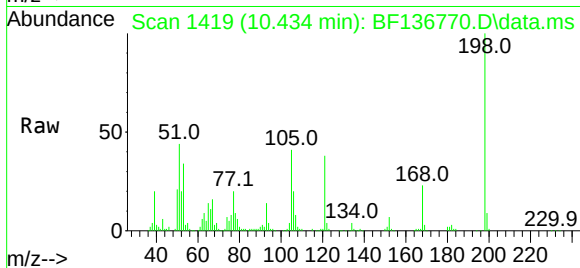
#65
4,6-Dinitro-2-methylphenol
Concen: 33.631 ng
RT: 10.434 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

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

Tgt Ion:198 Resp: 6271
Ion Ratio Lower Upper
198 100
51 43.6 34.1 74.1
105 40.7 27.3 67.3

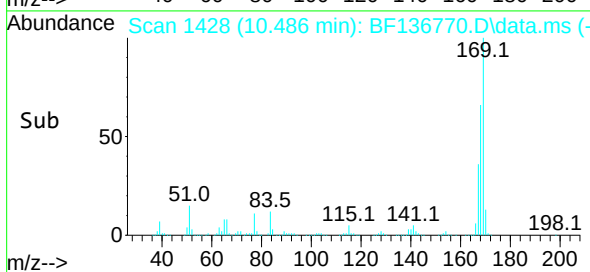
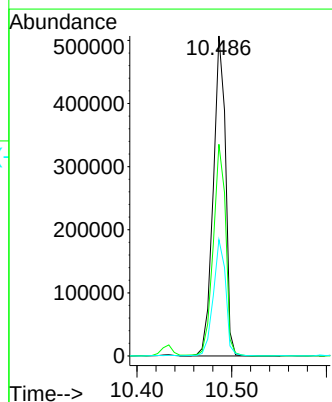
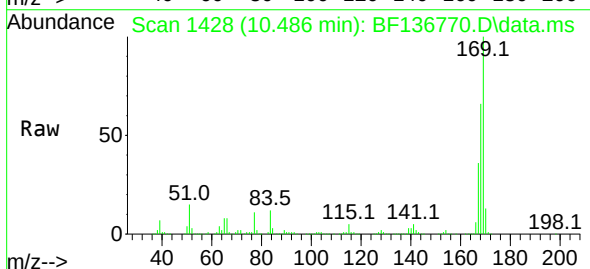
Manual Integrations
APPROVED

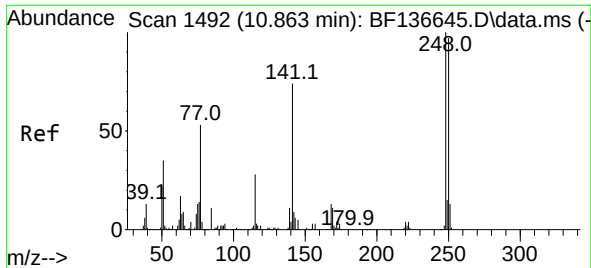
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#66
n-Nitrosodiphenylamine
Concen: 43.129 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

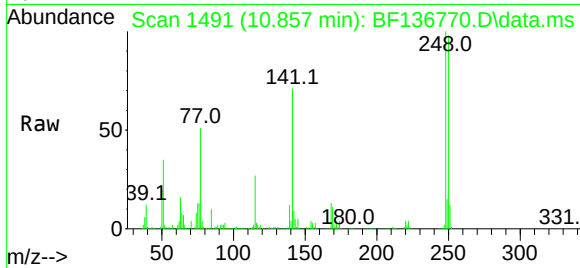
Tgt Ion:169 Resp: 455892
Ion Ratio Lower Upper
169 100
168 66.2 53.8 80.6
167 36.4 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 41.879 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

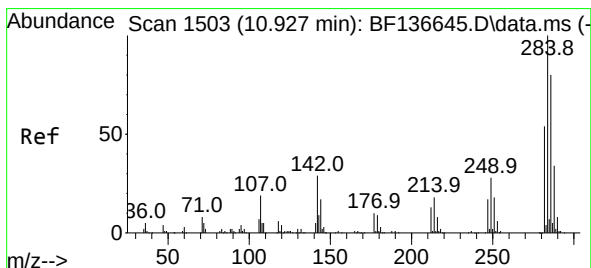
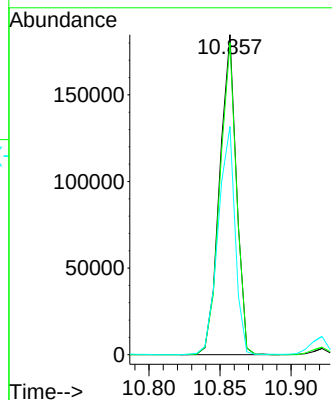
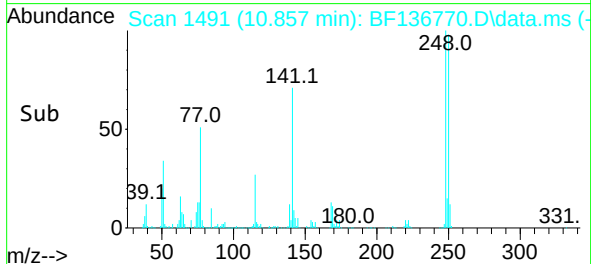
Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01MSD



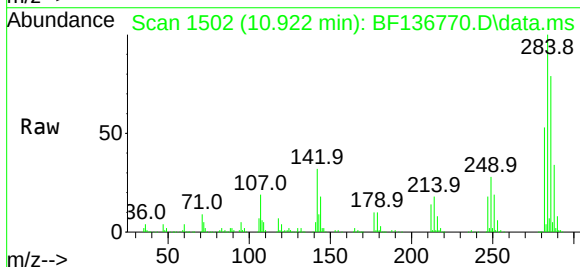
Tgt Ion:248 Resp: 151339
Ion Ratio Lower Upper
248 100
250 97.5 77.8 116.6
141 71.3 59.2 88.8

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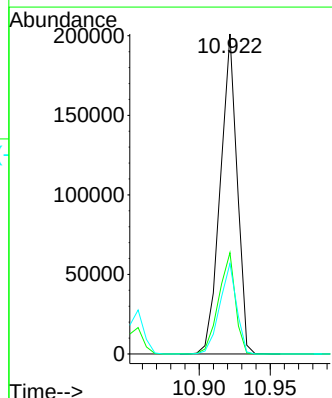
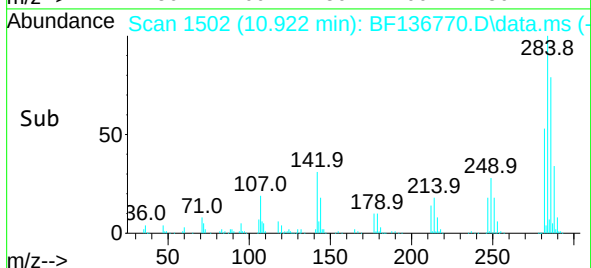
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

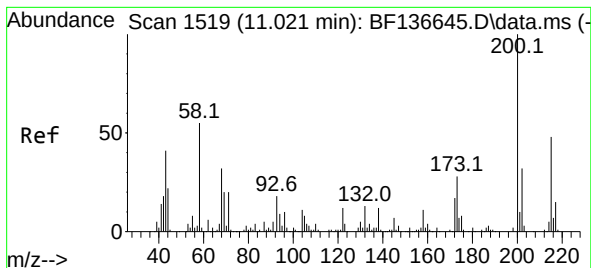


#68
Hexachlorobenzene
Concen: 41.026 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30



Tgt Ion:284 Resp: 165218
Ion Ratio Lower Upper
284 100
142 31.6 23.4 35.0
249 28.3 22.3 33.5





#69

Atrazine

Concen: 54.760 ng

RT: 11.022 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF136770.D

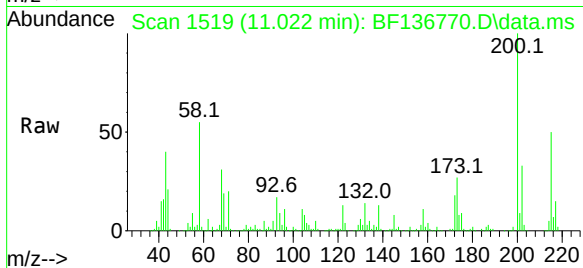
Acq: 27 Dec 2023 21:30

Instrument :

BNA_F

ClientSampleId :

WC-LIQUIDS-20231213-01MSD



Tgt Ion:200 Resp: 148048

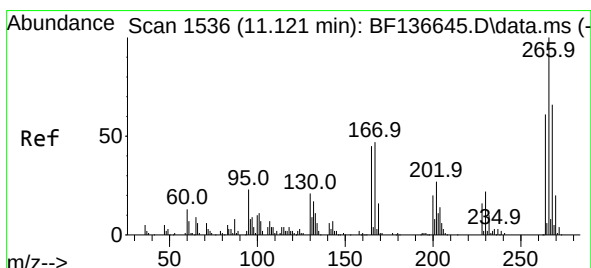
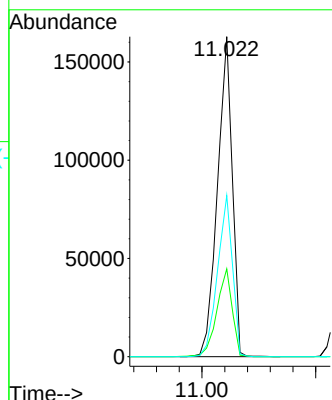
Ion	Ratio	Lower	Upper
200	100		
173	27.5	7.6	47.6
215	50.4	28.3	68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#70

Pentachlorophenol

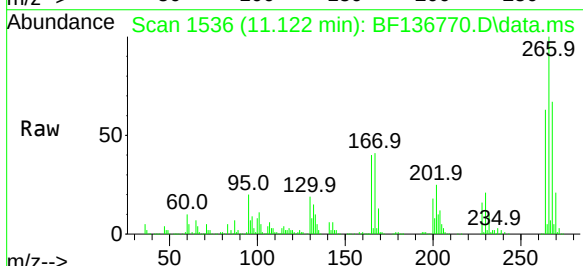
Concen: 76.400 ng

RT: 11.122 min Scan# 1536

Delta R.T. 0.000 min

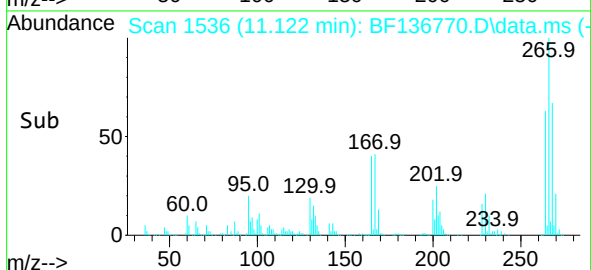
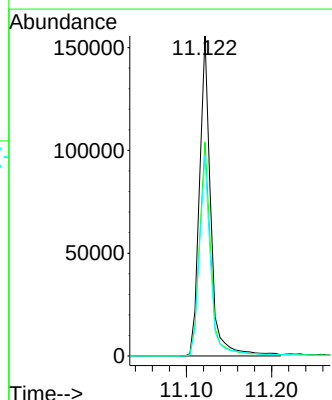
Lab File: BF136770.D

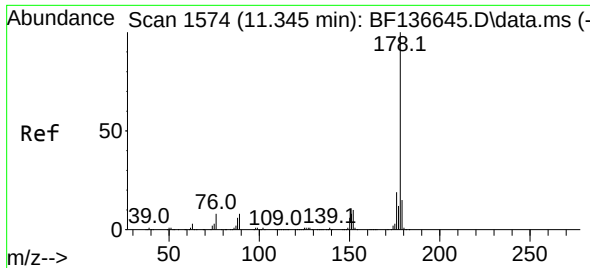
Acq: 27 Dec 2023 21:30



Tgt Ion:266 Resp: 143413

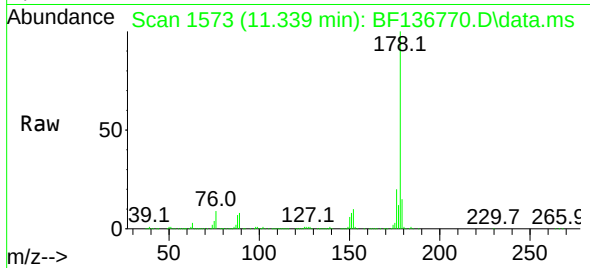
Ion	Ratio	Lower	Upper
266	100		
268	66.8	52.6	78.8
264	62.6	49.0	73.4





#71
Phenanthrene
Concen: 43.893 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

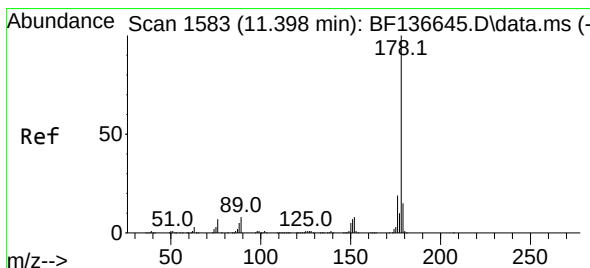
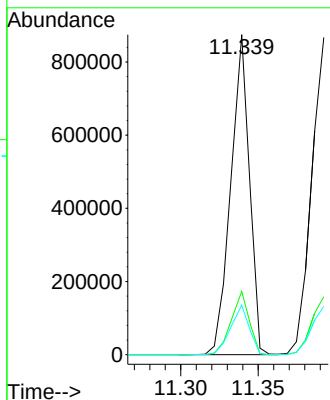
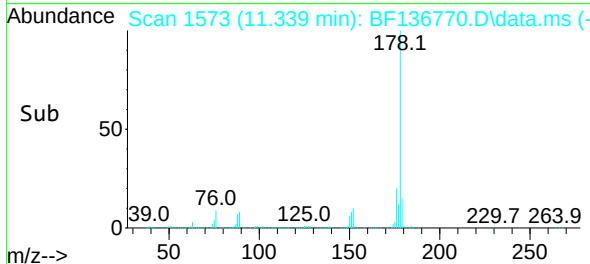
Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01MSD



Tgt Ion:178 Resp: 73285
Ion Ratio Lower Upper
178 100
176 19.8 15.3 22.9
179 15.4 11.9 17.9

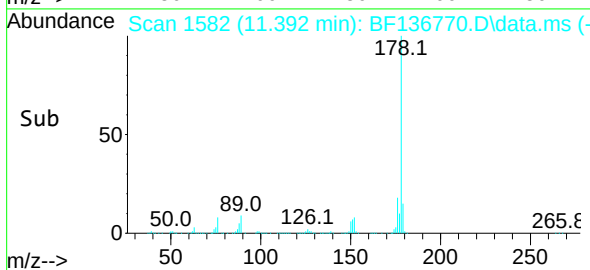
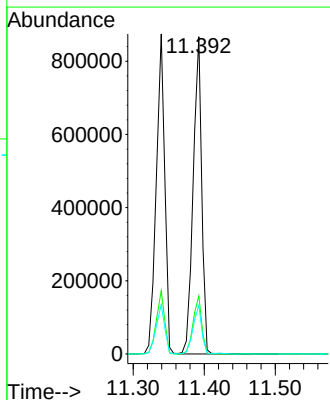
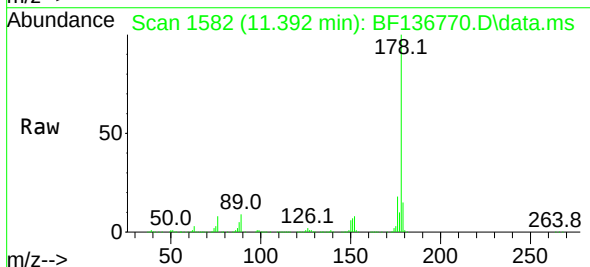
Manual Integrations
APPROVED

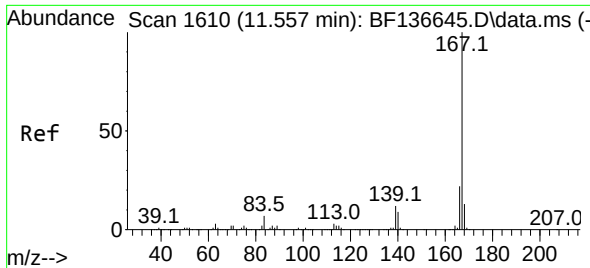
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#72
Anthracene
Concen: 43.013 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

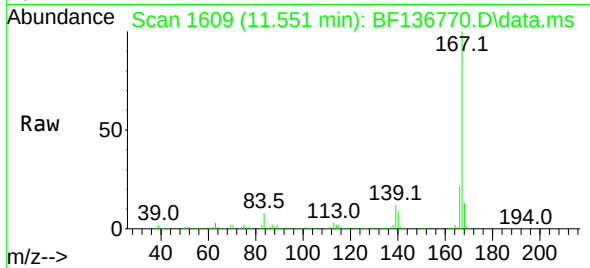
Tgt Ion:178 Resp: 727296
Ion Ratio Lower Upper
178 100
176 18.3 14.9 22.3
179 15.2 11.8 17.6





#73
 Carbazole
 Concen: 40.219 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF136770.D
 Acq: 27 Dec 2023 21:30

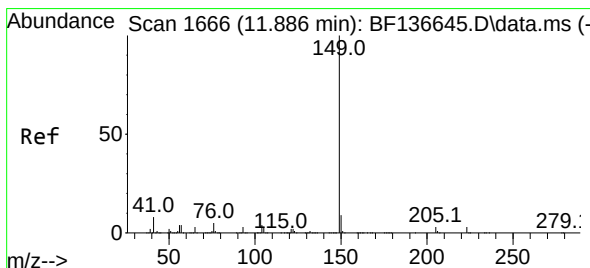
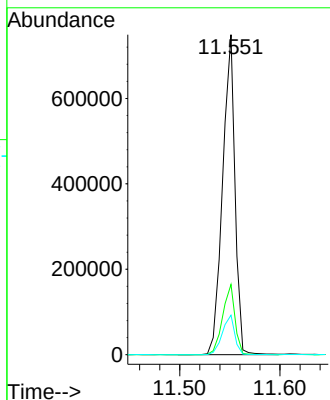
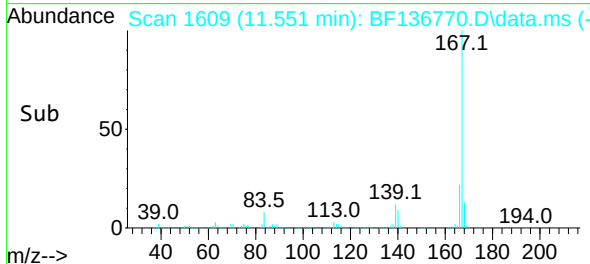
Instrument :
 BNA_F
 ClientSampleId :
 WC-LIQUIDS-20231213-01MSD



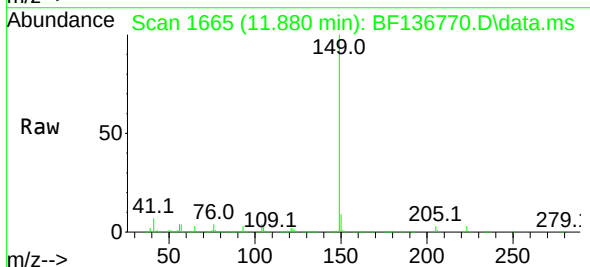
Tgt Ion:167 Resp: 641173
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.3 25.9
 139 12.4 9.8 14.6

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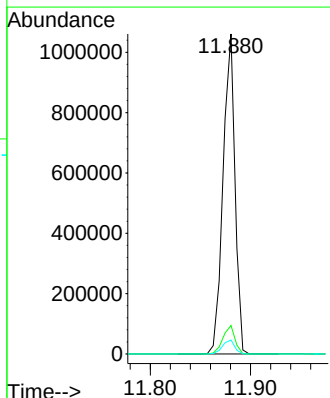
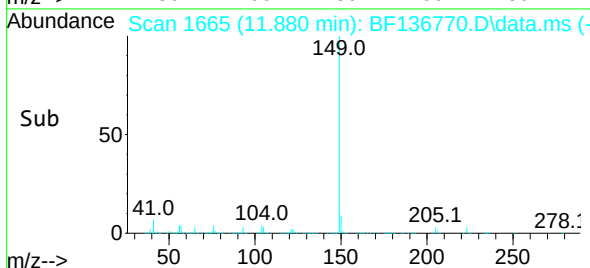
Reviewed By :Yogesh Patel 12/28/2023
 Supervised By :mohammad ahmed 12/28/2023

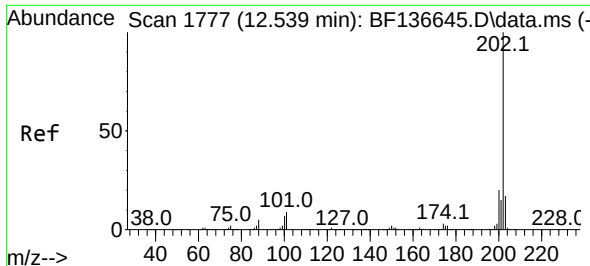


#74
 Di-n-butylphthalate
 Concen: 44.973 ng
 RT: 11.880 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF136770.D
 Acq: 27 Dec 2023 21:30



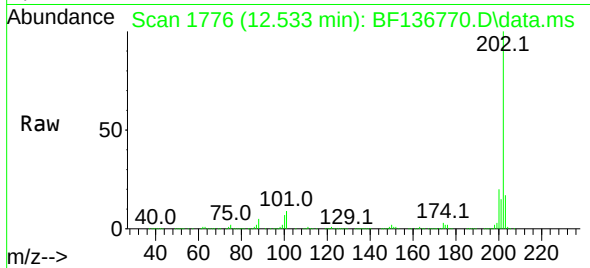
Tgt Ion:149 Resp: 874866
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.2
 104 4.3 3.6 5.4





#75
Fluoranthene
Concen: 36.605 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

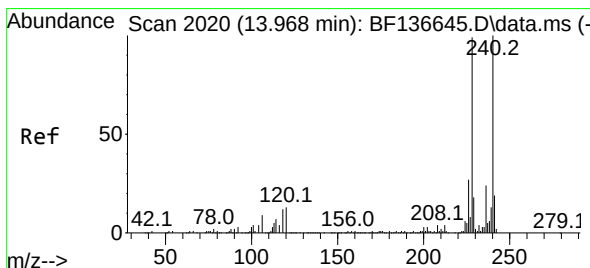
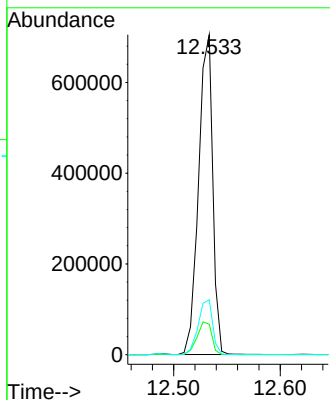
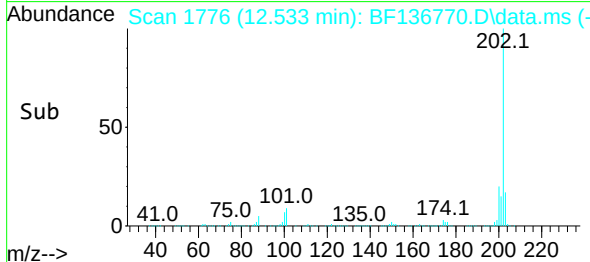
Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01MSD



Tgt Ion:202 Resp: 653745
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.3
203 17.2 0.0 37.1

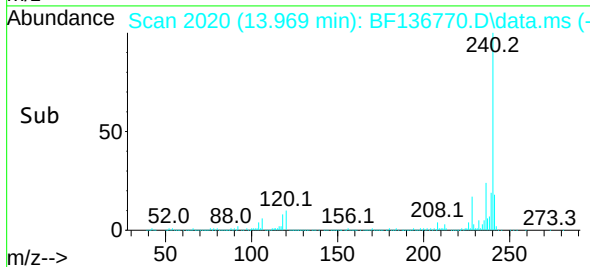
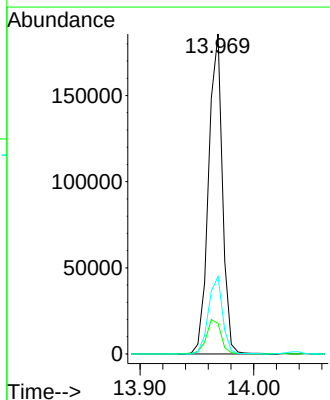
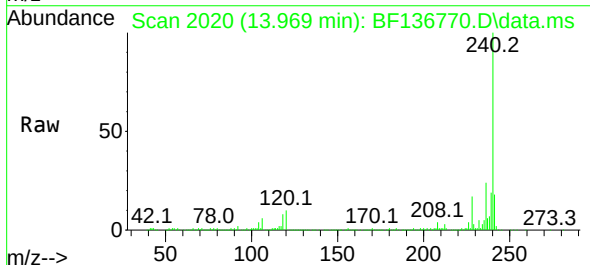
Manual Integrations
APPROVED

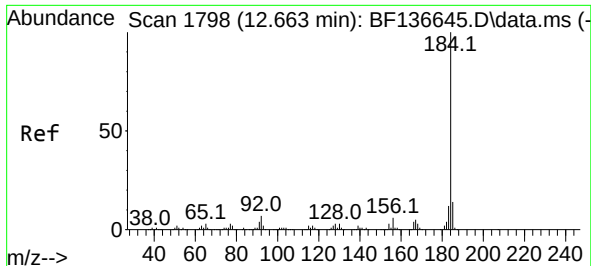
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

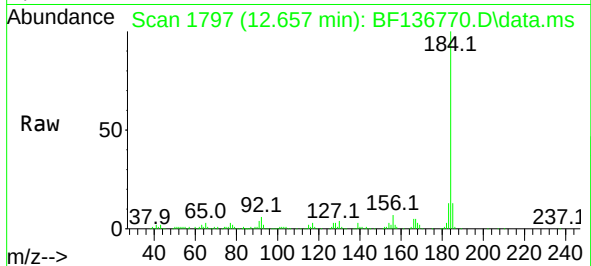
Tgt Ion:240 Resp: 156445
Ion Ratio Lower Upper
240 100
120 9.6 10.3 15.5#
236 24.2 19.4 29.2





#77
Benzidine
Concen: 21.836 ng
RT: 12.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

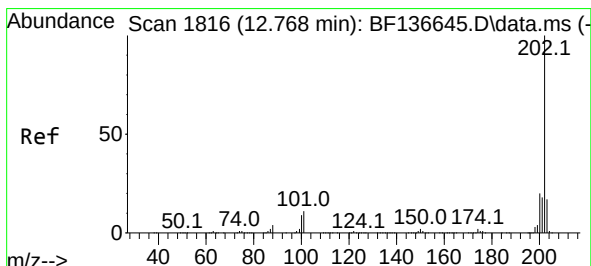
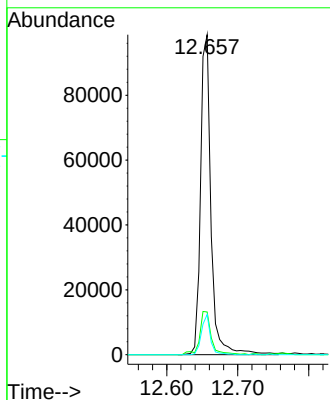
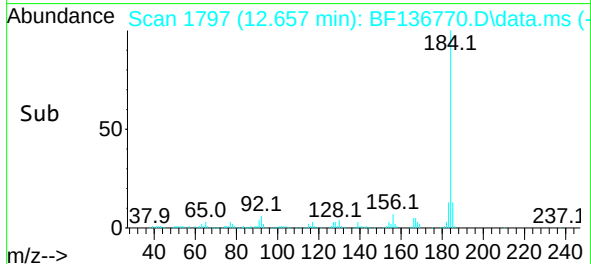
Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01MSD



Tgt Ion:184 Resp: 10072
Ion Ratio Lower Upper
184 100
185 13.4 11.2 16.8
183 12.5 9.3 13.9

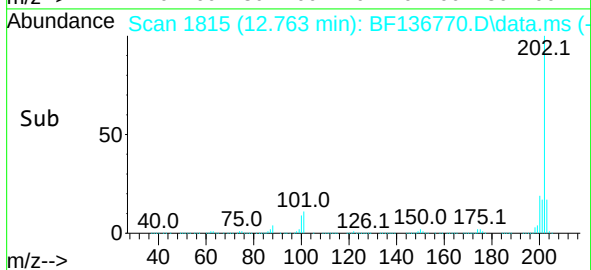
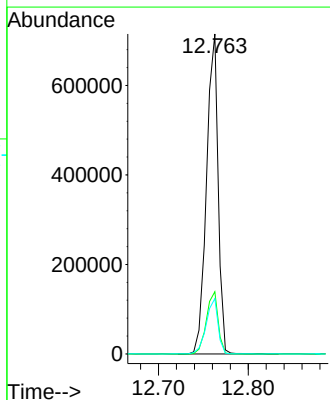
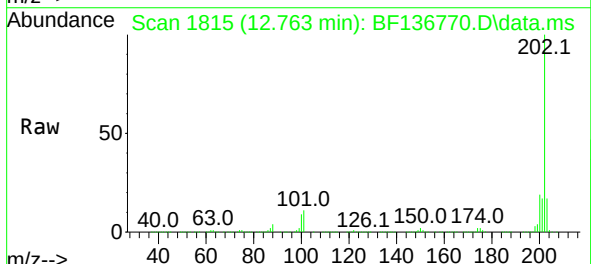
Manual Integrations
APPROVED

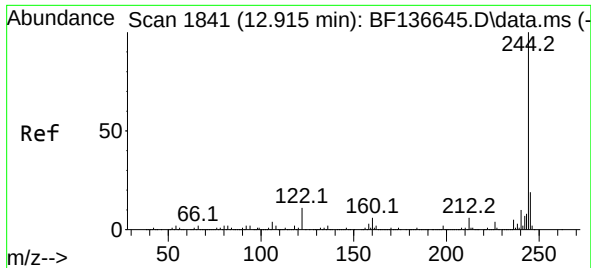
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#78
Pyrene
Concen: 41.812 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

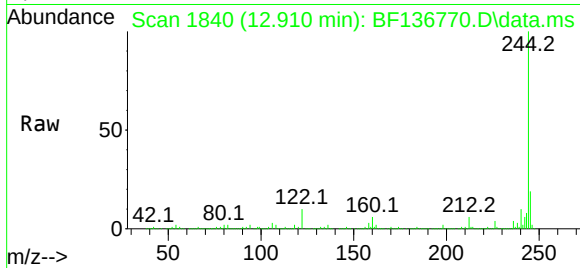
Tgt Ion:202 Resp: 642138
Ion Ratio Lower Upper
202 100
200 19.5 15.9 23.9
203 17.3 13.8 20.6





#79
 Terphenyl-d14
 Concen: 85.892 ng
 RT: 12.910 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136770.D
 Acq: 27 Dec 2023 21:30

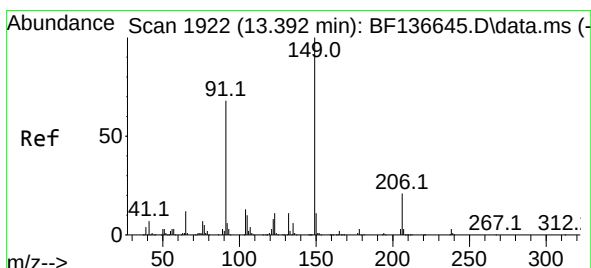
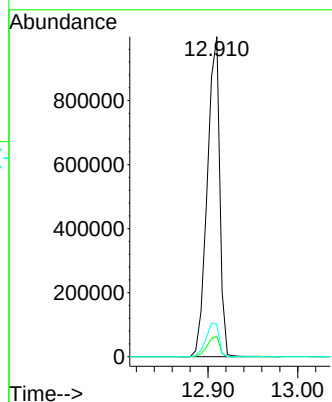
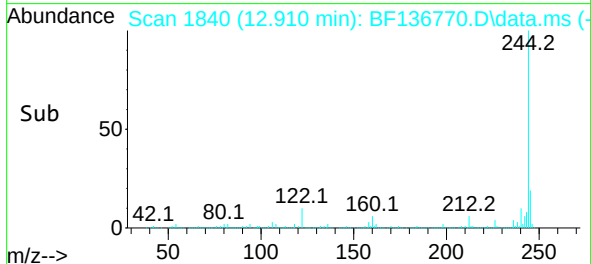
Instrument :
 BNA_F
 ClientSampleId :
 WC-LIQUIDS-20231213-01MSD



Tgt Ion:244 Resp: 96155
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 10.1 9.0 13.4

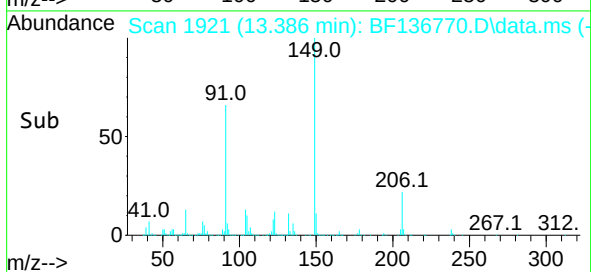
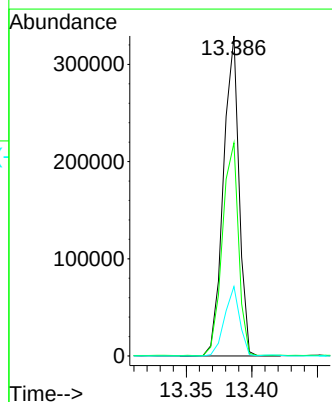
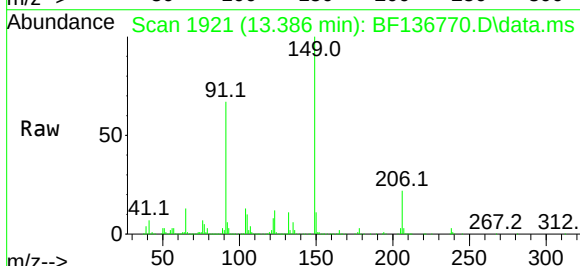
Manual Integrations
 APPROVED

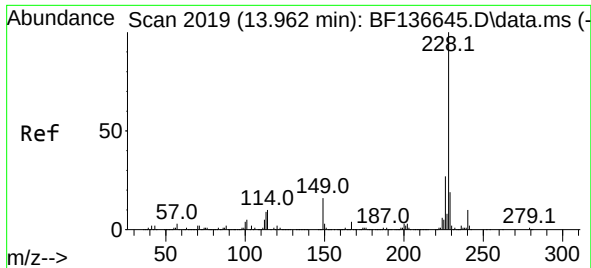
Reviewed By :Yogesh Patel 12/28/2023
 Supervised By :mohammad ahmed 12/28/2023



#80
 Butylbenzylphthalate
 Concen: 48.737 ng
 RT: 13.386 min Scan# 1921
 Delta R.T. -0.006 min
 Lab File: BF136770.D
 Acq: 27 Dec 2023 21:30

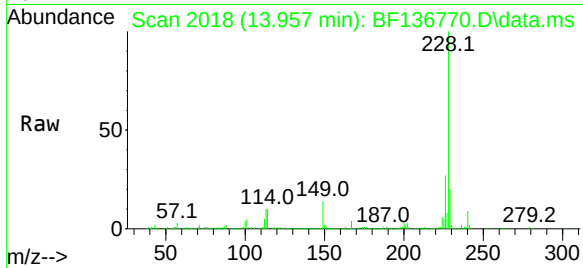
Tgt Ion:149 Resp: 272354
 Ion Ratio Lower Upper
 149 100
 91 66.6 54.1 81.1
 206 21.7 17.1 25.7





#81
Benzo(a)anthracene
Concen: 41.340 ng
RT: 13.957 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

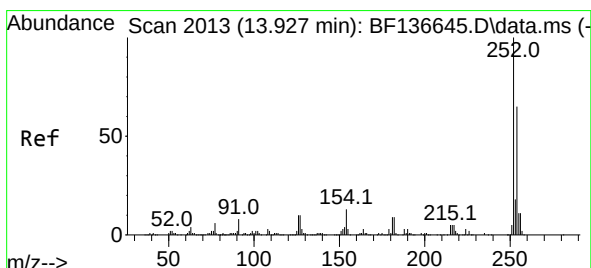
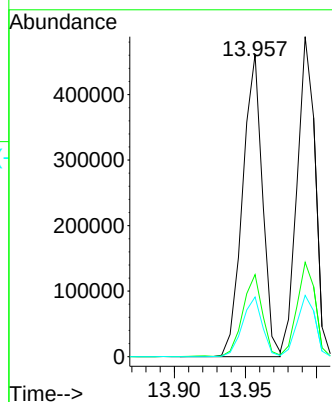
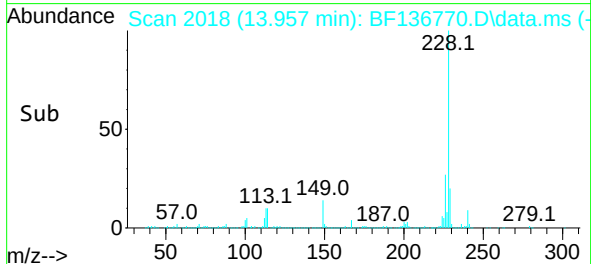
Instrument : BNA_F
ClientSampleId : WC-LIQUIDS-20231213-01MSD



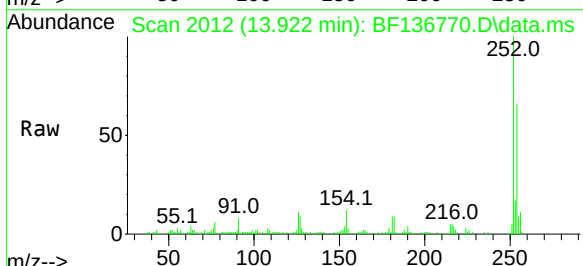
Tgt Ion:228 Resp: 449095
Ion Ratio Lower Upper
228 100
226 27.1 21.4 32.0
229 19.7 14.9 22.3

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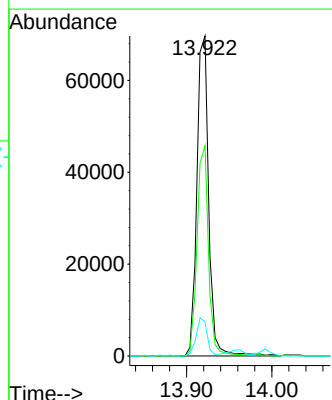
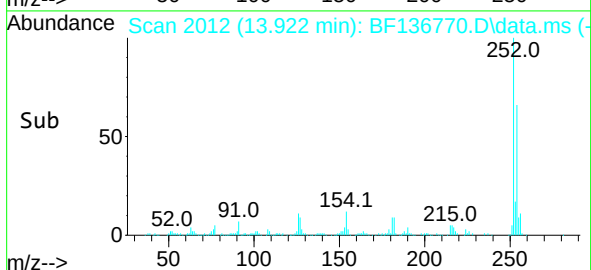
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

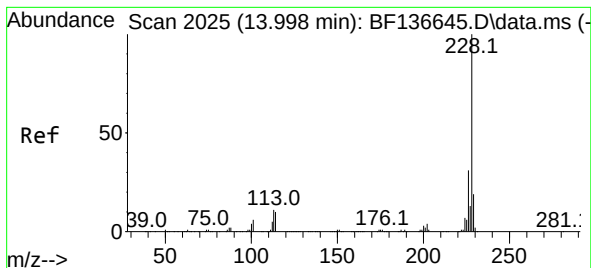


#82
3,3'-Dichlorobenzidine
Concen: 21.779 ng
RT: 13.922 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30



Tgt Ion:252 Resp: 67191
Ion Ratio Lower Upper
252 100
254 65.7 52.2 78.4
126 10.6 8.0 12.0





#83

Chrysene

Concen: 40.738 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136770.D

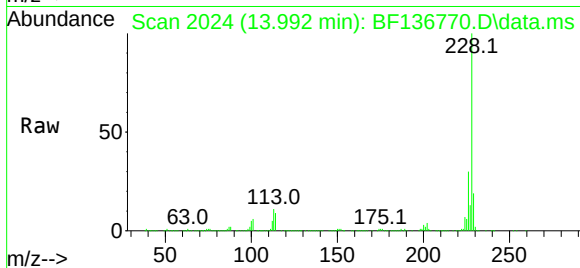
Acq: 27 Dec 2023 21:30

Instrument :

BNA_F

ClientSampleId :

WC-LIQUIDS-20231213-01MSD



Tgt Ion:228 Resp: 432769

Ion Ratio Lower Upper

228 100

226 29.5 24.7 37.1

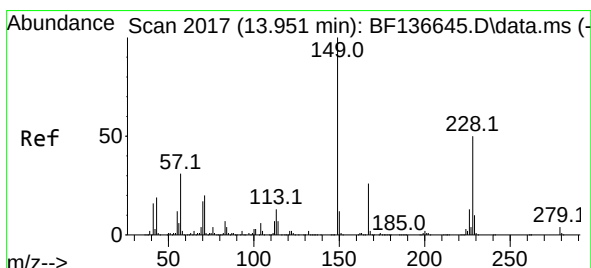
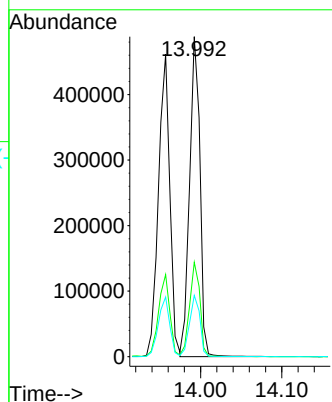
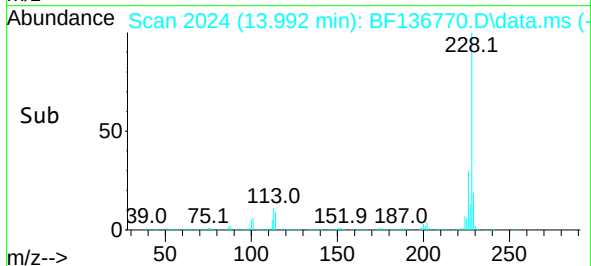
229 19.1 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.574 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136770.D

Acq: 27 Dec 2023 21:30

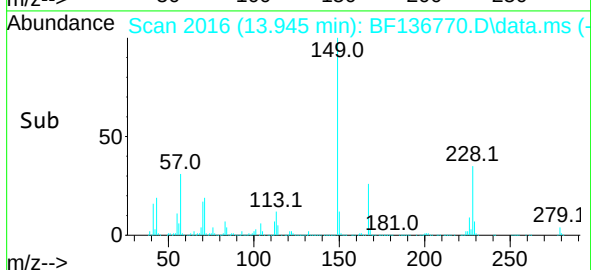
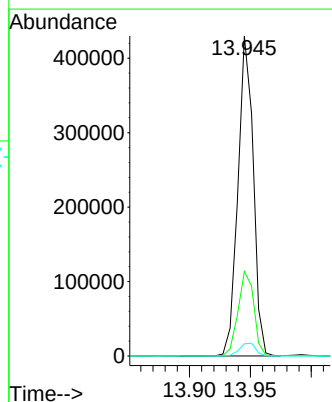
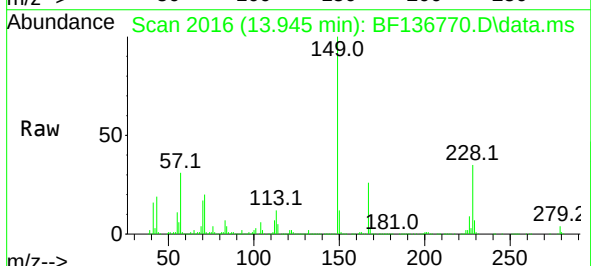
Tgt Ion:149 Resp: 376679

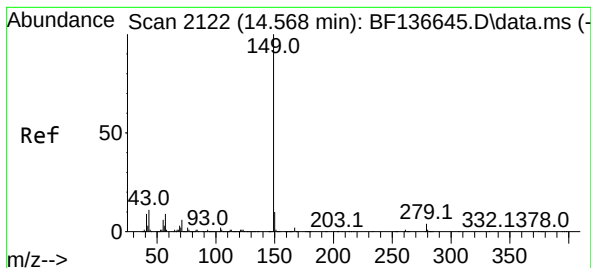
Ion Ratio Lower Upper

149 100

167 26.4 20.9 31.3

279 3.8 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 54.979 ng

RT: 14.563 min Scan# 2122

Delta R.T. -0.006 min

Lab File: BF136770.D

Acq: 27 Dec 2023 21:30

Instrument :

BNA_F

ClientSampleId :

WC-LIQUIDS-20231213-01MSD

Tgt Ion:149 Resp: 59794

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

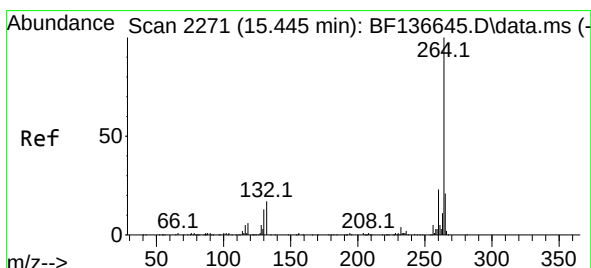
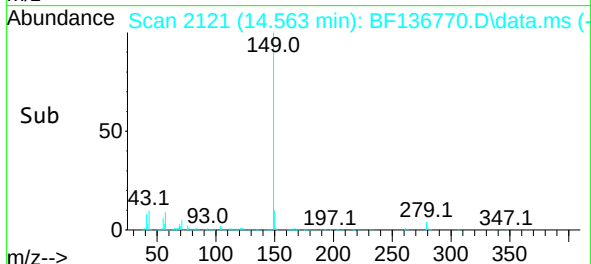
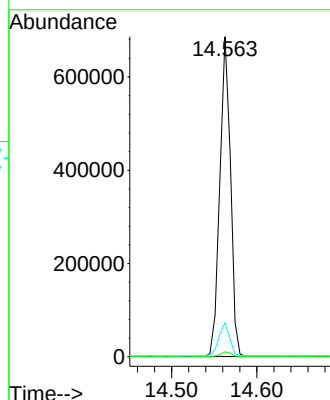
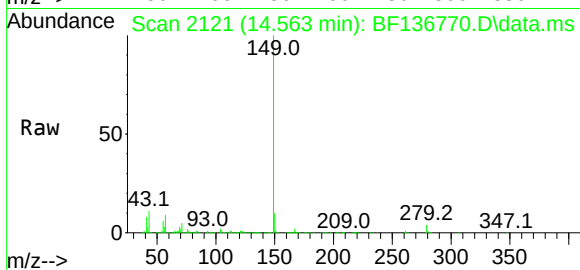
43 10.3 8.9 13.3

Manual Integrations

APPROVED

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: BF136770.D

Acq: 27 Dec 2023 21:30

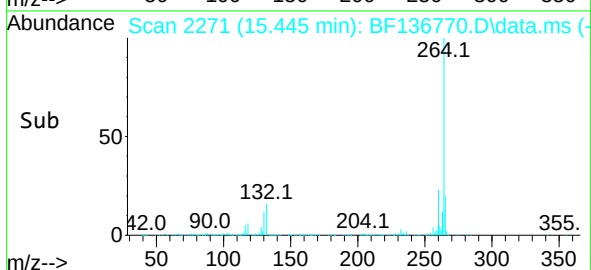
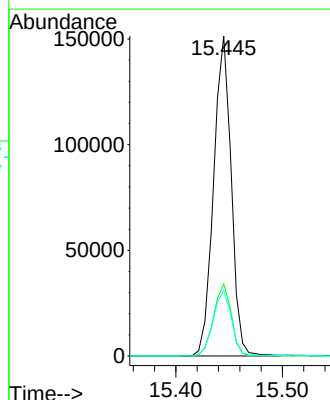
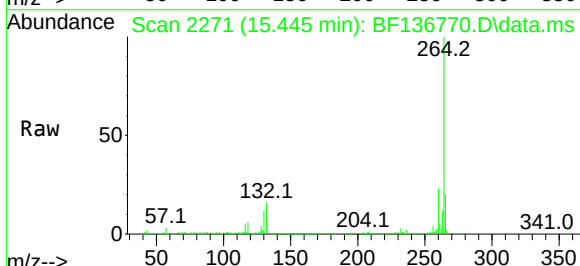
Tgt Ion:264 Resp: 173160

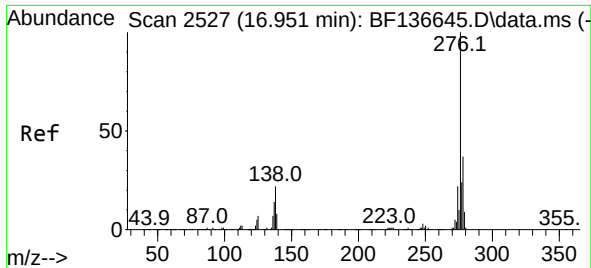
Ion Ratio Lower Upper

264 100

260 22.6 18.3 27.5

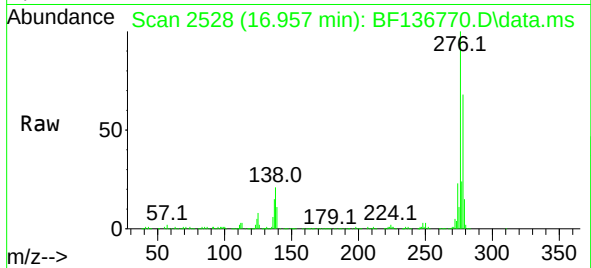
265 20.4 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 38.249 ng
RT: 16.957 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

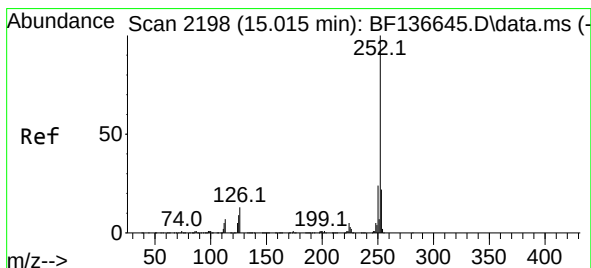
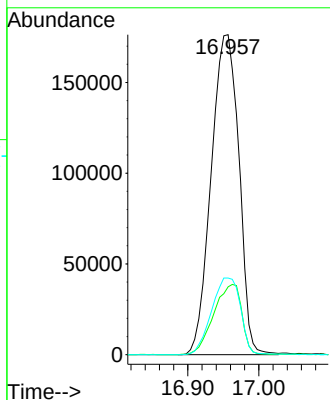
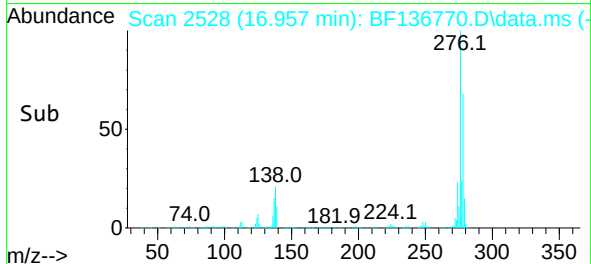
Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01MSD



Tgt Ion:276 Resp: 47820
Ion Ratio Lower Upper
276 100
138 22.3 18.7 28.1
277 25.0 20.2 30.2

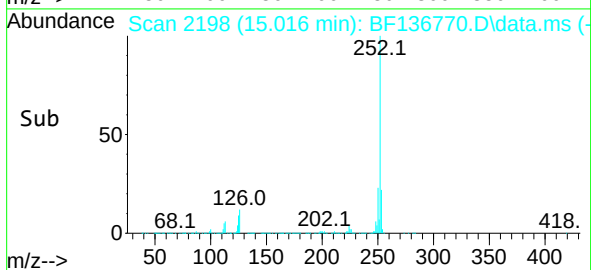
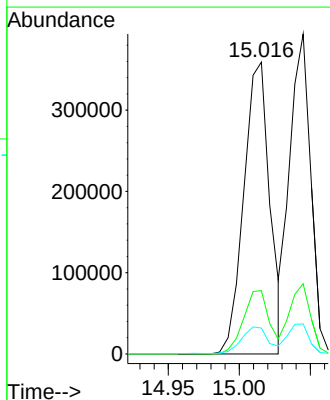
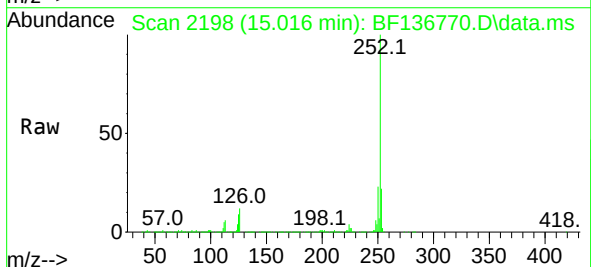
Manual Integrations
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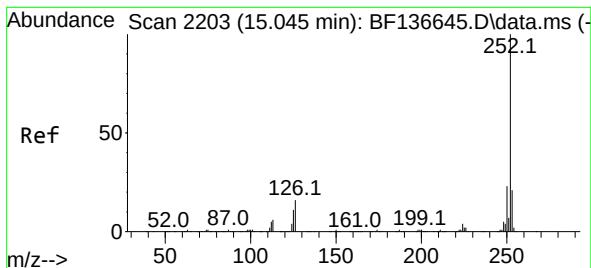
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#88
Benzo(b)fluoranthene
Concen: 39.709 ng
RT: 15.016 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

Tgt Ion:252 Resp: 459253
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 8.9 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 37.277 ng

RT: 15.045 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136770.D

Acq: 27 Dec 2023 21:30

Instrument :

BNA_F

ClientSampleId :

WC-LIQUIDS-20231213-01MSD

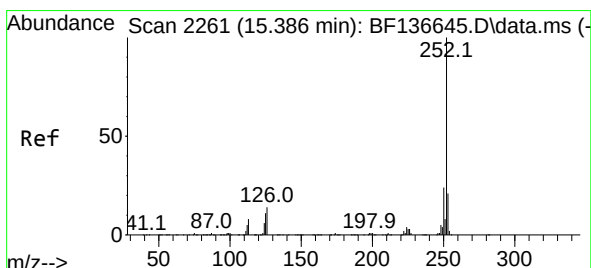
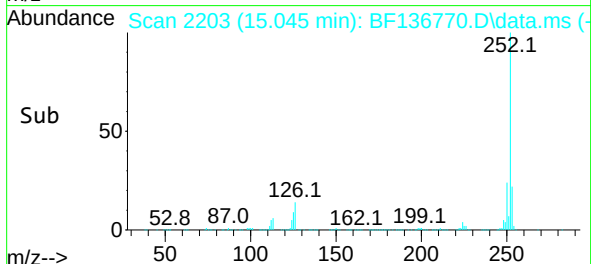
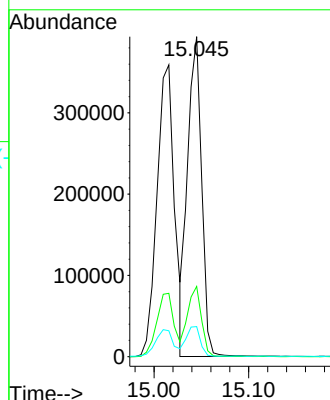
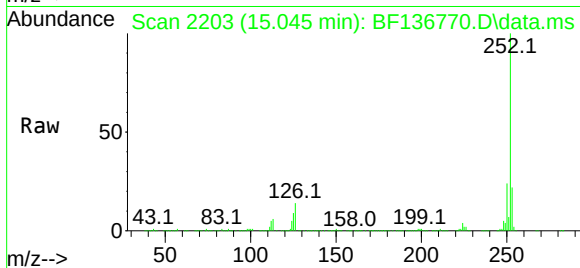
Tgt Ion:252 Resp: 40737
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.0 25.6
 125 9.4 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#90

Benzo(a)pyrene

Concen: 40.484 ng

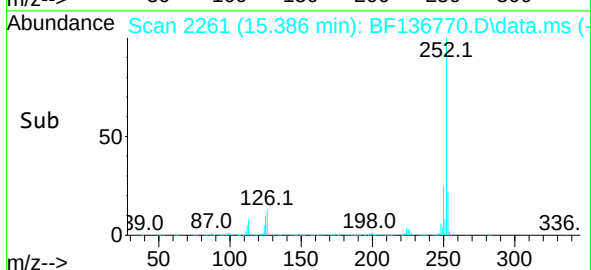
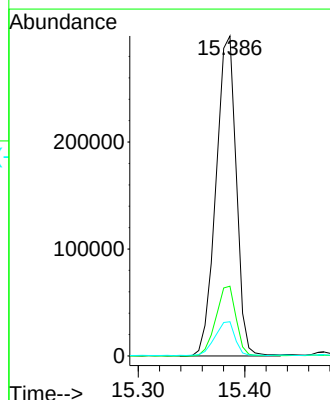
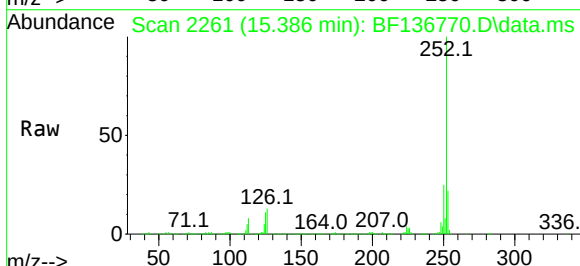
RT: 15.386 min Scan# 2261

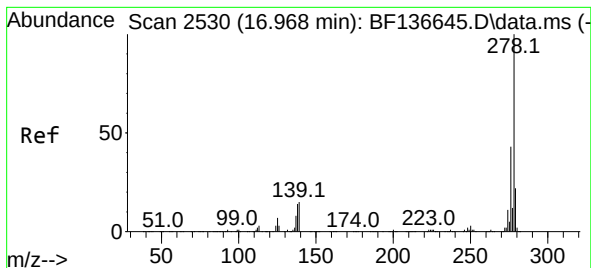
Delta R.T. 0.000 min

Lab File: BF136770.D

Acq: 27 Dec 2023 21:30

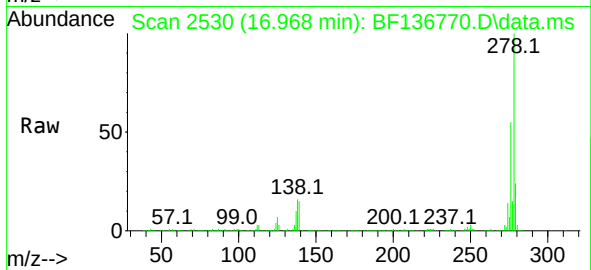
Tgt Ion:252 Resp: 395221
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.0 25.6
 125 10.7 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 39.300 ng
RT: 16.968 min Scan# 2530
Delta R.T. 0.000 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

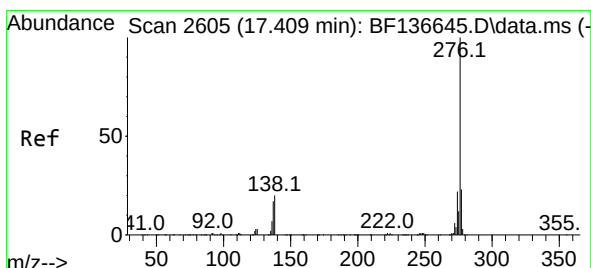
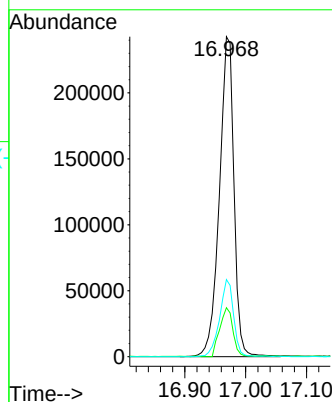
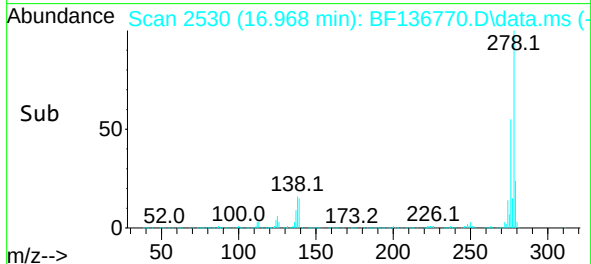
Instrument :
BNA_F
ClientSampleId :
WC-LIQUIDS-20231213-01MSD



Tgt Ion:278 Resp: 403100
Ion Ratio Lower Upper
278 100
139 15.3 12.2 18.4
279 24.1 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: 33.999 ng
RT: 17.410 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF136770.D
Acq: 27 Dec 2023 21:30

Tgt Ion:276 Resp: 357174
Ion Ratio Lower Upper
276 100
277 23.3 18.3 27.5
138 19.0 15.6 23.4

