

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
 Data File : BF136879.D
 Acq On : 02 Jan 2024 19:23
 Operator : CG\JU
 Sample : 05899-17MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-06-0-2MS

Quant Time: Jan 03 02:02:39 2024
 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 01/03/2024
 Supervised By :mohammad ahmed 01/03/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	67905	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	267416	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	137487	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	264277	20.000	ng	0.00
76) Chrysene-d12	13.963	240	145204	20.000	ng	0.00
86) Perylene-d12	15.439	264	139451	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	462281	106.220	ng	0.00
7) Phenol-d6	6.434	99	587500	104.180	ng	0.00
23) Nitrobenzene-d5	7.345	82	360483	68.980	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	173788	107.329	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	725838	71.006	ng	-0.01
79) Terphenyl-d14	12.904	244	765679	73.690	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	79376	43.773	ng	98
3) Pyridine	3.393	79	185915	42.021	ng	95
4) n-Nitrosodimethylamine	3.363	42	106323	45.001	ng	98
6) Aniline	6.451	93	217720	38.616	ng	# 82
8) 2-Chlorophenol	6.569	128	226990	47.661	ng	97
9) Benzaldehyde	6.334	77	49244	15.352	ng	98
10) Phenol	6.445	94	279316	46.398	ng	98
11) bis(2-Chloroethyl)ether	6.522	93	214703	46.898	ng	97
12) 1,3-Dichlorobenzene	6.722	146	231460	44.550	ng	98
13) 1,4-Dichlorobenzene	6.798	146	237728	44.781	ng	98
14) 1,2-Dichlorobenzene	6.945	146	222479	45.038	ng	98
15) Benzyl Alcohol	6.928	79	183420	48.212	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	333082	44.501	ng	93
17) 2-Methylphenol	7.045	107	179452	45.482	ng	99
18) Hexachloroethane	7.287	117	83368	43.242	ng	94
19) n-Nitroso-di-n-propyla...	7.198	70	152339	44.563	ng	97
20) 3+4-Methylphenols	7.198	107	227183	46.089	ng	# 73
22) Acetophenone	7.192	105	316699	47.249	ng	94
24) Nitrobenzene	7.363	77	230521	44.035	ng	99
25) Isophorone	7.604	82	419728	44.140	ng	98
26) 2-Nitrophenol	7.681	139	118423	47.281	ng	98
27) 2,4-Dimethylphenol	7.722	122	172862	56.690	ng	97
28) bis(2-Chloroethoxy)met...	7.810	93	260304	45.034	ng	99
29) 2,4-Dichlorophenol	7.922	162	181106	46.134	ng	99
30) 1,2,4-Trichlorobenzene	7.998	180	193429	44.223	ng	98
31) Naphthalene	8.081	128	656994	44.721	ng	100
32) Benzoic acid	7.863	122	133449	45.231	ng	96
33) 4-Chloroaniline	8.134	127	61648	11.365	ng	95
34) Hexachlorobutadiene	8.192	225	113082	42.553	ng	97
35) Caprolactam	8.516	113	62208m	48.035	ng	
36) 4-Chloro-3-methylphenol	8.628	107	200910	45.460	ng	98
37) 2-Methylnaphthalene	8.775	142	410806	43.450	ng	99
38) 1-Methylnaphthalene	8.875	142	397097	42.809	ng	97
40) 1,2,4,5-Tetrachloroben...	8.939	216	202181	47.484	ng	98
41) Hexachlorocyclopentadiene	8.922	237	143583	104.184	ng	98
43) 2,4,6-Trichlorophenol	9.057	196	127837	46.815	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	135059	44.384	ng	96
46) 1,1'-Biphenyl	9.239	154	541755	46.957	ng	100
47) 2-Chloronaphthalene	9.263	162	396812	45.242	ng	99
48) 2-Nitroaniline	9.369	65	125283	45.615	ng	93
49) Acenaphthylene	9.681	152	662538	49.421	ng	99
50) Dimethylphthalate	9.545	163	461152	45.921	ng	99
51) 2,6-Dinitrotoluene	9.610	165	102282	44.878	ng	89
52) Acenaphthene	9.851	154	371207	44.669	ng	99
53) 3-Nitroaniline	9.780	138	67442	27.934	ng	95
54) 2,4-Dinitrophenol	9.892	184	89970	71.637	ng	# 85
55) Dibenzofuran	10.028	168	575456	45.682	ng	96
56) 4-Nitrophenol	9.963	139	136113	83.515	ng	92
57) 2,4-Dinitrotoluene	10.016	165	131143	44.324	ng	94
58) Fluorene	10.369	166	456174	45.639	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.145	232	114363	48.823	ng	97
60) Diethylphthalate	10.245	149	469106	45.022	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	213172	43.877	ng	93
62) 4-Nitroaniline	10.404	138	102412m	44.002	ng	
63) Azobenzene	10.522	77	438260	45.033	ng	99
65) 4,6-Dinitro-2-methylph...	10.428	198	62799	41.463	ng	98
66) n-Nitrosodiphenylamine	10.486	169	409074	47.650	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	133863	45.609	ng	98
68) Hexachlorobenzene	10.916	284	149518	45.713	ng	96
69) Atrazine	11.016	200	128973	58.737	ng	99
70) Pentachlorophenol	11.122	266	131509	86.261	ng	97
71) Phenanthrene	11.333	178	642345	47.370	ng	99
72) Anthracene	11.386	178	661272	48.152	ng	99
73) Carbazole	11.545	167	601676	46.470	ng	100
74) Di-n-butylphthalate	11.874	149	745538	47.188	ng	99
75) Fluoranthene	12.527	202	666627	45.959	ng	98
77) Benzidine	12.657	184	166204	38.820	ng	99
78) Pyrene	12.757	202	669374	46.960	ng	99
80) Butylbenzylphthalate	13.380	149	260422	50.210	ng	97
81) Benzo(a)anthracene	13.957	228	470931	46.706	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	114728	40.067	ng	# 97
83) Chrysene	13.992	228	451659	45.807	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	339919	52.088	ng	# 96
85) Di-n-octyl phthalate	14.557	149	519701	51.484	ng	98
87) Indeno(1,2,3-cd)pyrene	16.951	276	482449	47.916	ng	99
88) Benzo(b)fluoranthene	15.010	252	415243	44.582	ng	99
89) Benzo(k)fluoranthene	15.039	252	390945	44.421	ng	100
90) Benzo(a)pyrene	15.380	252	362938	46.163	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	401782	48.640	ng	98
92) Benzo(g,h,i)perylene	17.404	276	389901	46.086	ng	97

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

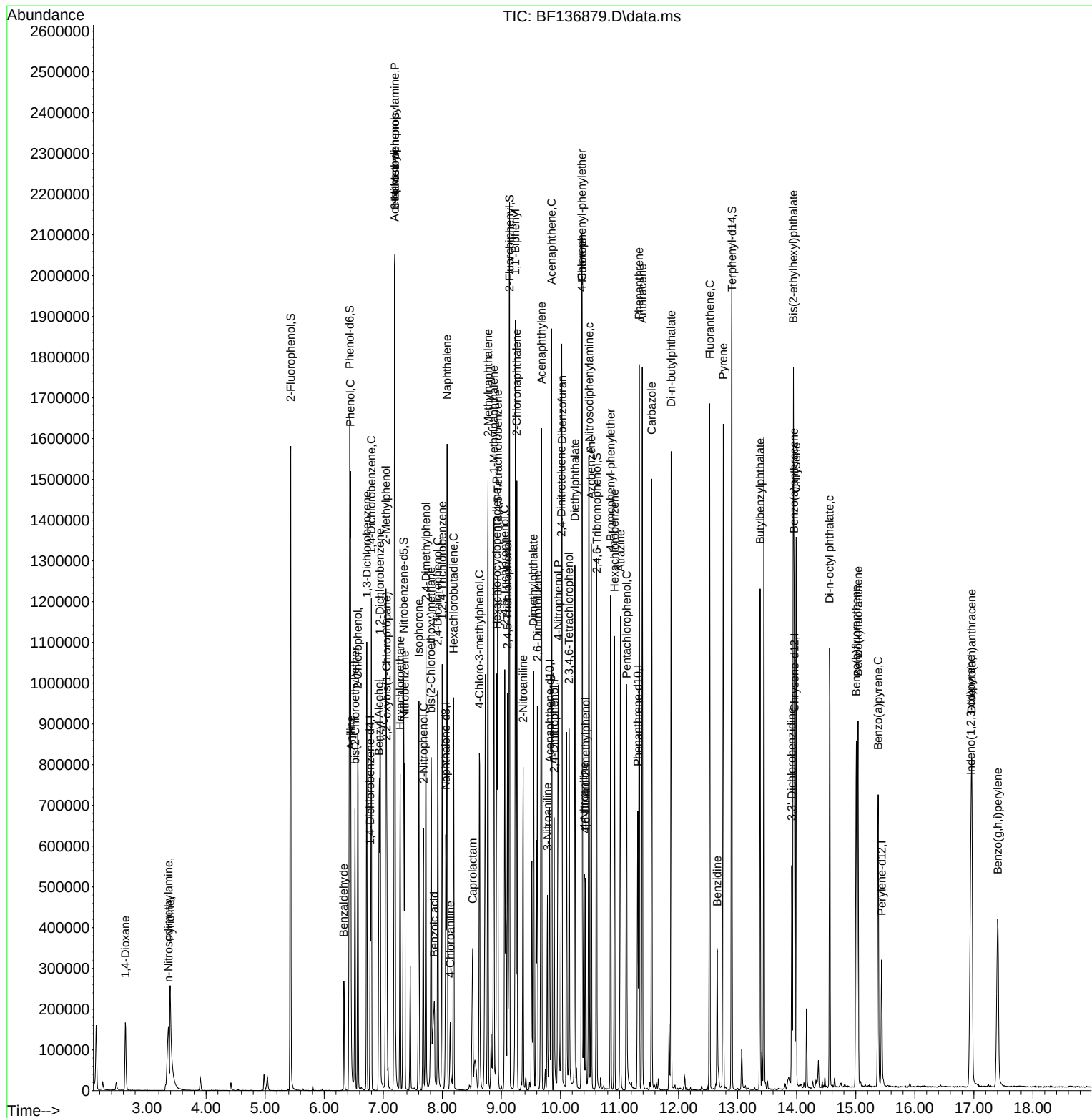
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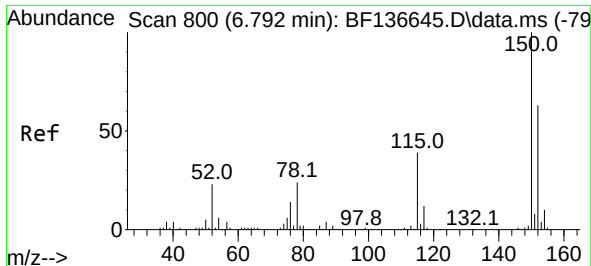
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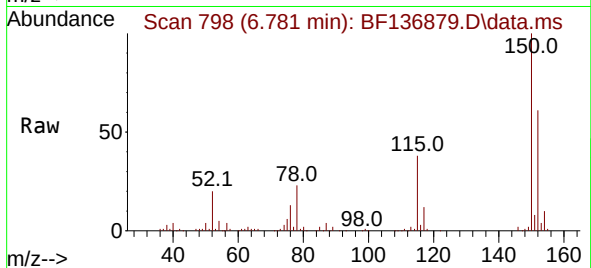
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

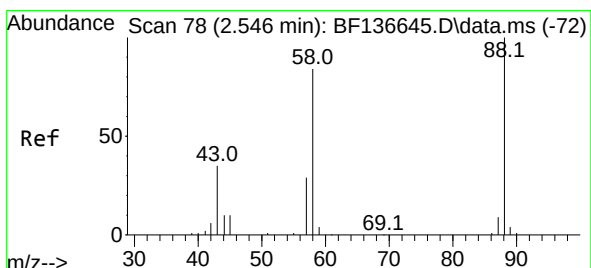
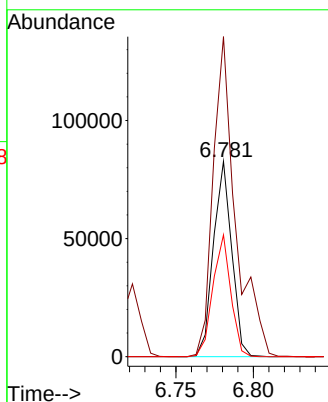
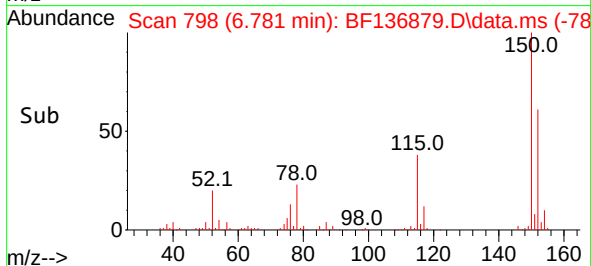
Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MS



Tgt Ion:152 Resp: 67905
Ion Ratio Lower Upper
152 100
150 163.9 127.0 190.6
115 62.4 49.0 73.4

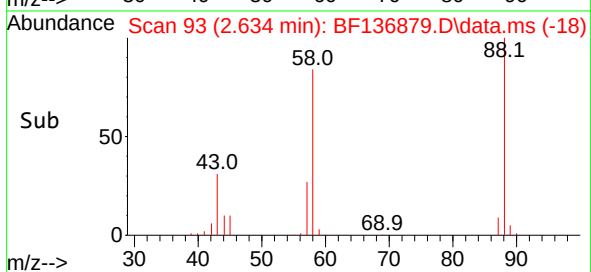
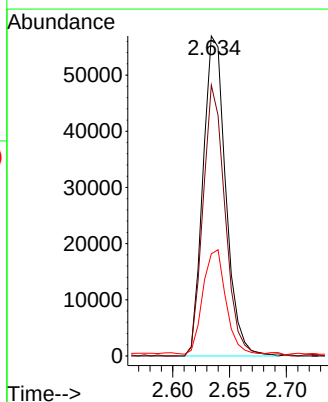
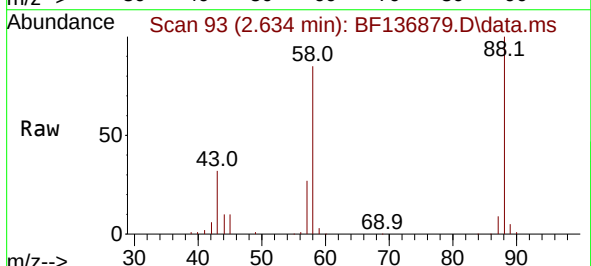
Manual Integrations
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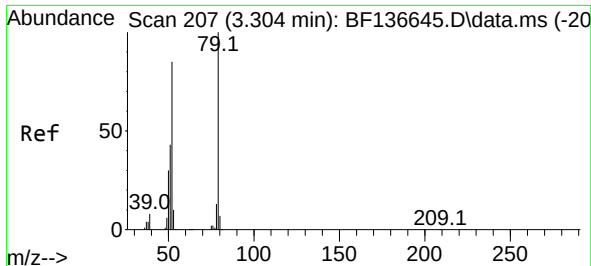
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#2
1,4-Dioxane
Concen: 43.773 ng
RT: 2.634 min Scan# 93
Delta R.T. 0.088 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

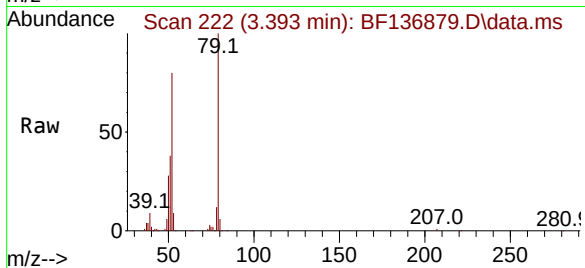
Tgt Ion: 88 Resp: 79376
Ion Ratio Lower Upper
88 100
58 82.2 67.4 101.0
43 32.9 27.7 41.5





#3
 Pyridine
 Concen: 42.021 ng
 RT: 3.393 min Scan# 217
 Delta R.T. 0.088 min
 Lab File: BF136879.D
 Acq: 02 Jan 2024 19:23

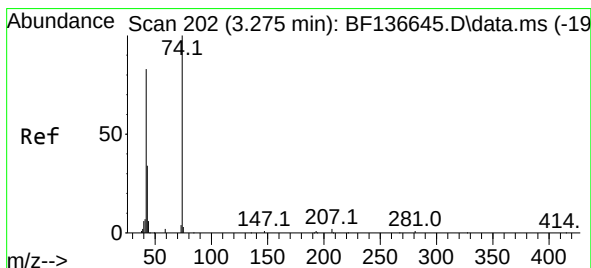
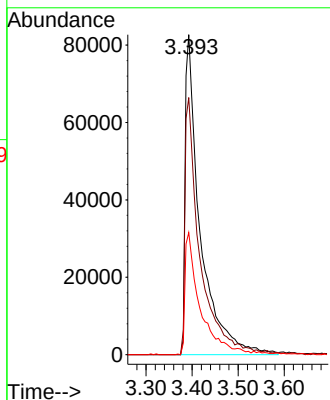
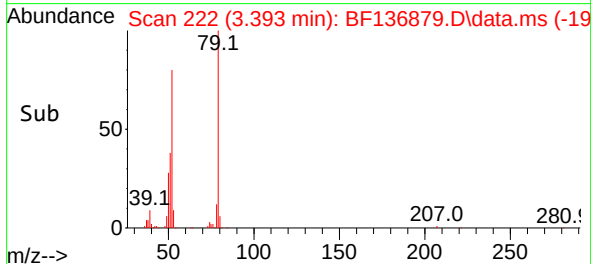
Instrument :
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 ClientSampleId :
 GHL-SS-06-0-2MS



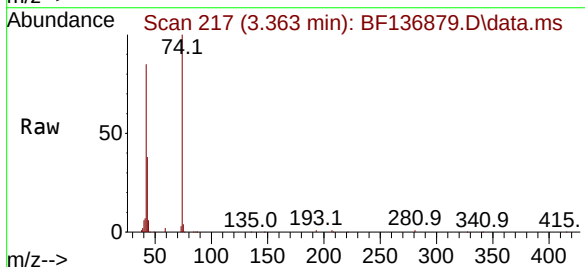
Tgt Ion: 79 Resp: 185915
 Ion Ratio Lower Upper
 79 100
 52 80.4 67.7 101.5
 51 38.1 34.0 51.0

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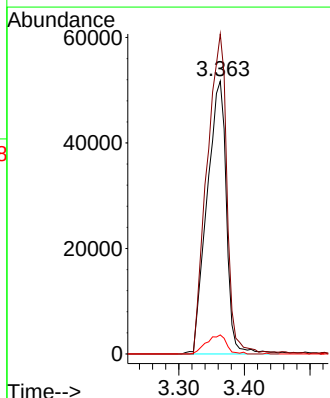
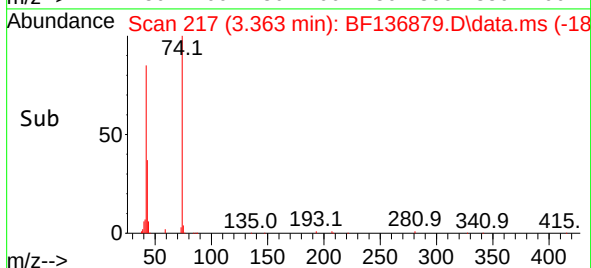
Reviewed By :Yogesh Patel 01/03/2024
 Supervised By :mohammad ahmed 01/03/2024

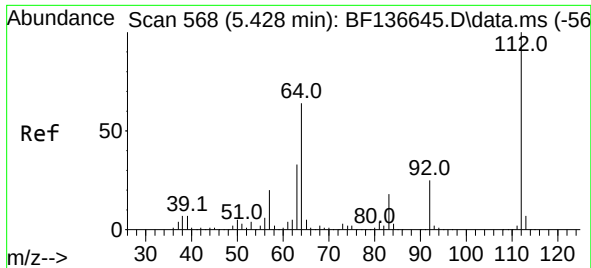


#4
 n-Nitrosodimethylamine
 Concen: 45.001 ng
 RT: 3.363 min Scan# 217
 Delta R.T. 0.088 min
 Lab File: BF136879.D
 Acq: 02 Jan 2024 19:23



Tgt Ion: 42 Resp: 106323
 Ion Ratio Lower Upper
 42 100
 74 117.3 96.0 144.0
 44 7.0 5.4 8.2





#5
2-Fluorophenol
Concen: 106.220 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

Instrument :

BNA_F

ClientSampleId :

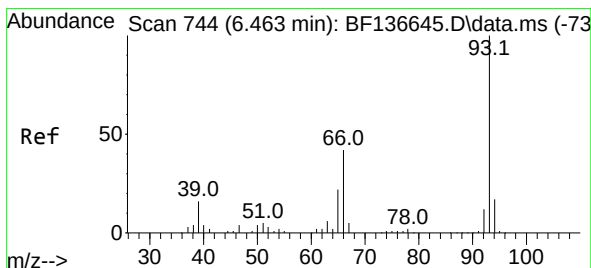
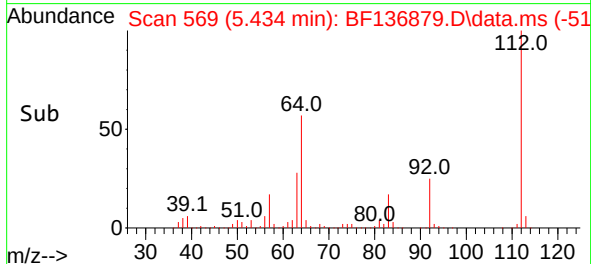
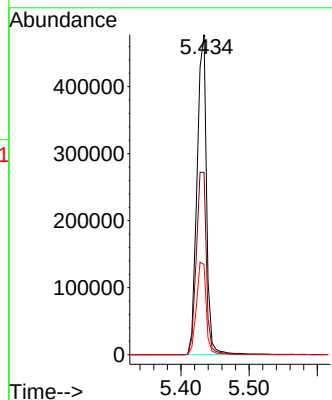
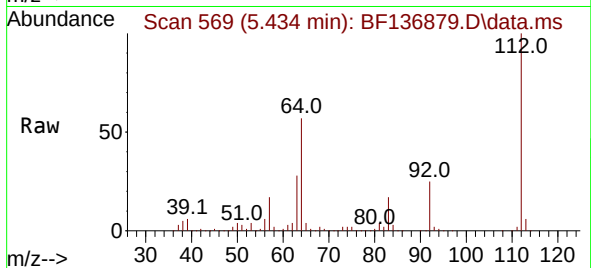
GHL-SS-06-0-2MS

Tgt Ion:112 Resp: 46228
Ion Ratio Lower Upper
112 100
64 57.0 51.1 76.7
63 28.2 26.1 39.1

Manual Integrations

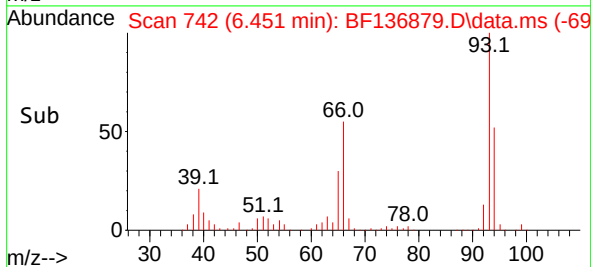
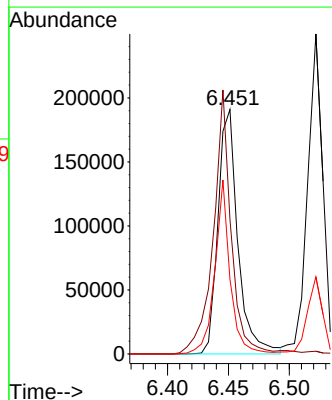
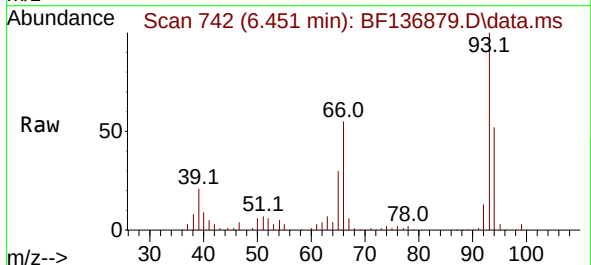
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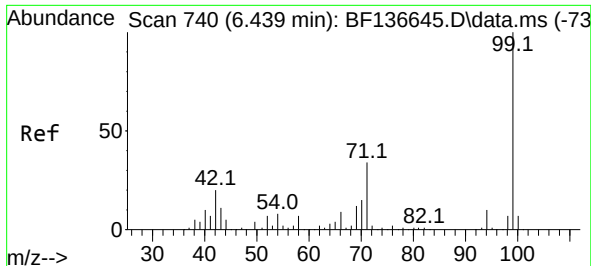
Reviewed By :Yogesh Patel 01/03/2024
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#6
Aniline
Concen: 38.616 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

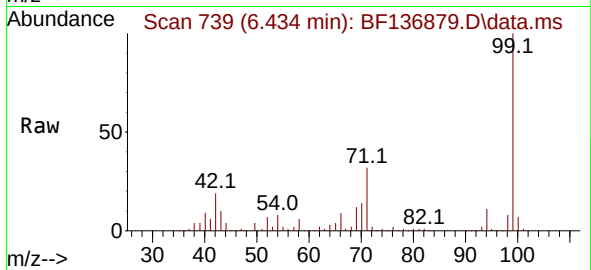
Tgt Ion: 93 Resp: 217720
Ion Ratio Lower Upper
93 100
66 55.0 34.6 51.8#
65 30.5 17.8 26.8#





#7
Phenol-d6
Concen: 104.180 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

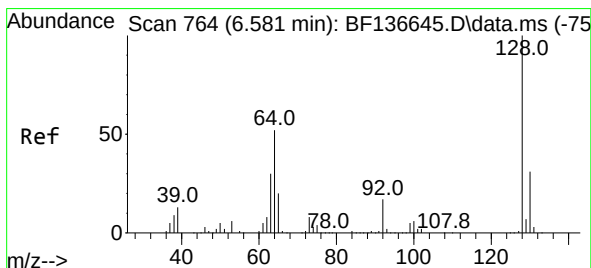
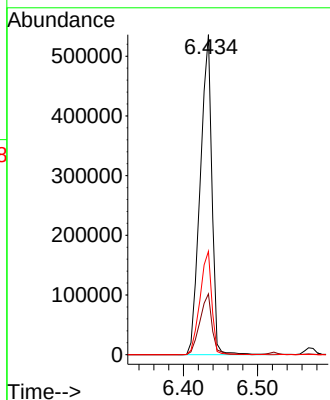
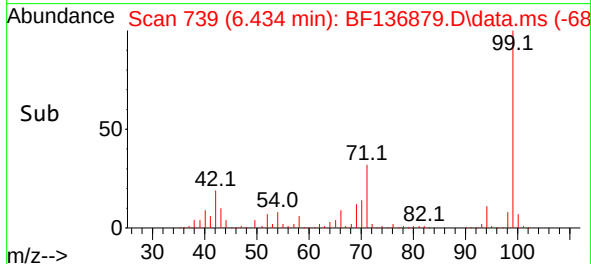
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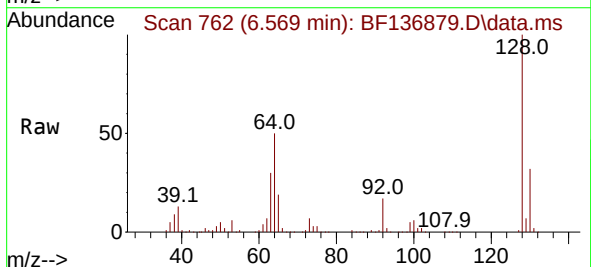
Tgt Ion: 99 Resp: 587500
Ion Ratio Lower Upper
99 100
42 19.0 16.1 24.1
71 32.3 27.4 41.2

Manual Integrations
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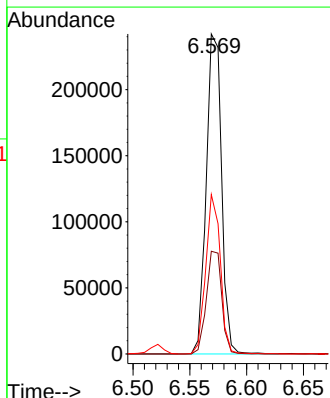
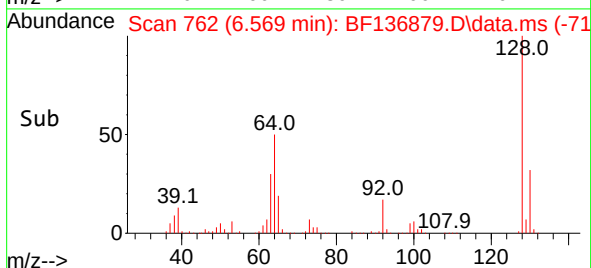
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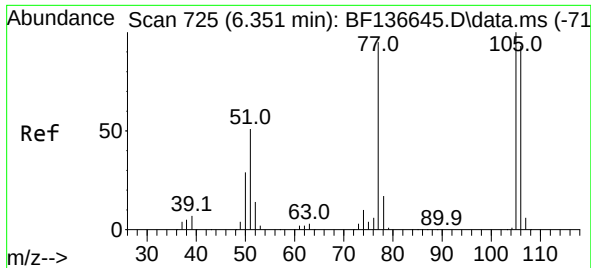


#8
2-Chlorophenol
Concen: 47.661 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23



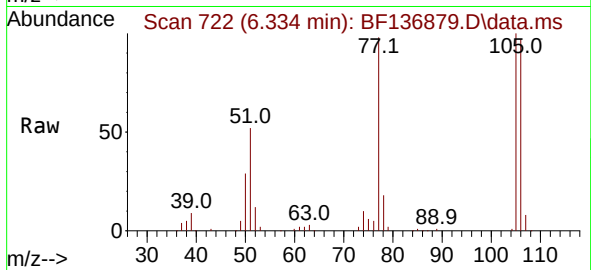
Tgt Ion:128 Resp: 226990
Ion Ratio Lower Upper
128 100
130 32.1 11.3 51.3
64 49.8 32.5 72.5





#9
Benzaldehyde
Concen: 15.352 ng
RT: 6.334 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF136879.D
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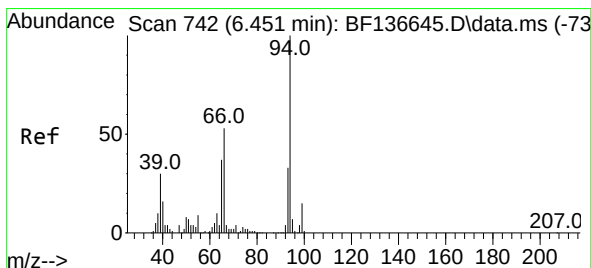
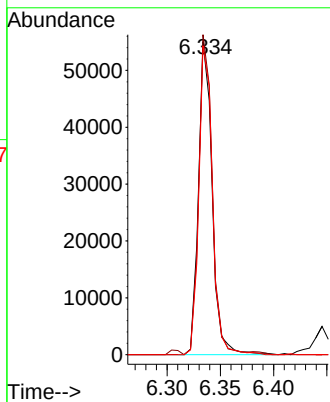
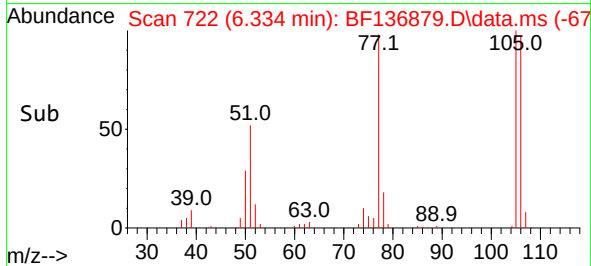
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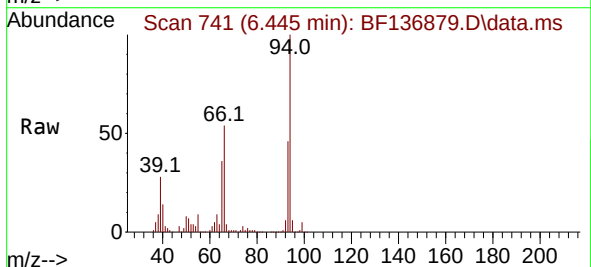
Tgt Ion: 77 Resp: 4924
Ion Ratio Lower Upper
77 100
105 102.2 84.8 124.8
106 98.7 77.8 117.8

Manual Integrations
APPROVED

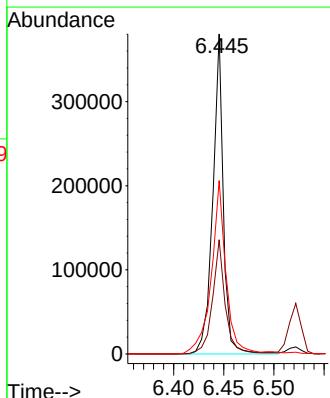
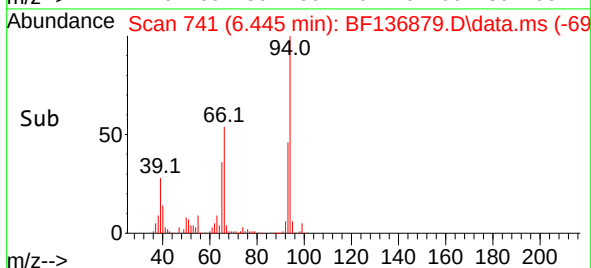
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024

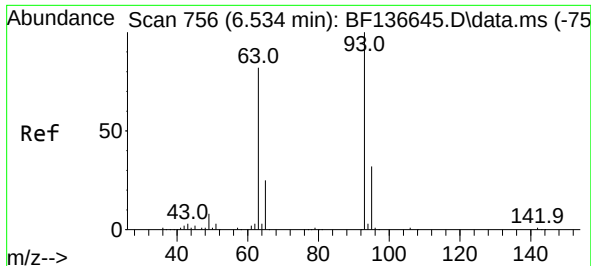


#10
Phenol
Concen: 46.398 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23



Tgt Ion: 94 Resp: 279316
Ion Ratio Lower Upper
94 100
65 35.7 16.6 56.6
66 54.2 32.6 72.6





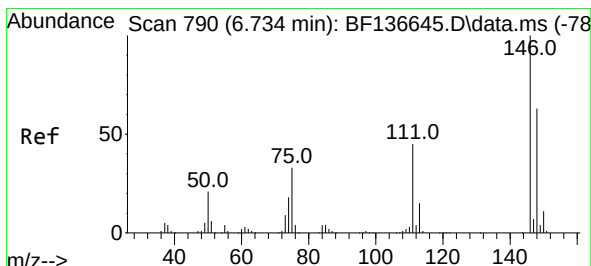
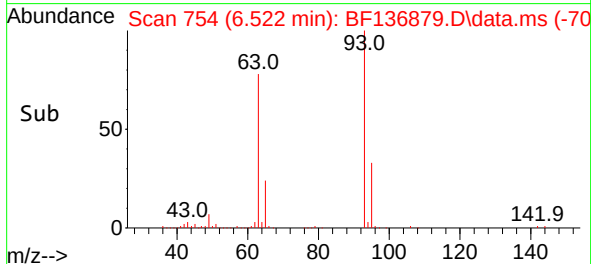
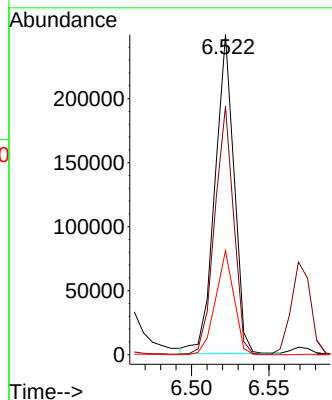
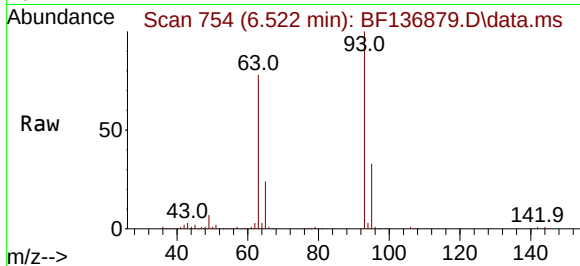
#11
bis(2-Chloroethyl)ether
Concen: 46.898 ng
RT: 6.522 min Scan# 756
Delta R.T. -0.012 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MS

Tgt Ion: 93 Resp: 214700
Ion Ratio Lower Upper
93 100
63 77.6 61.2 101.2
95 32.5 11.6 51.6

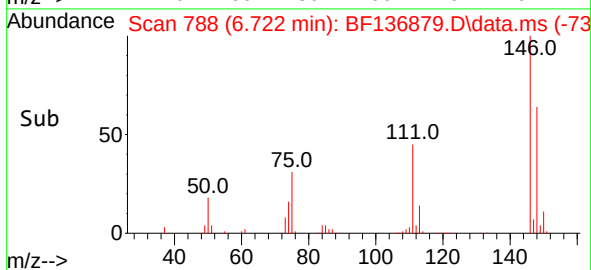
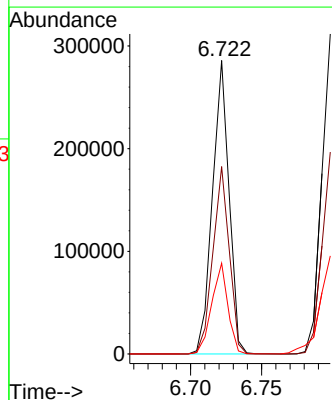
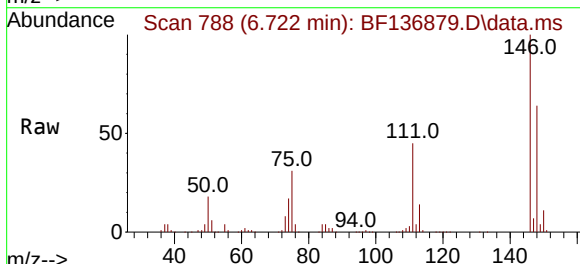
Manual Integrations
APPROVED

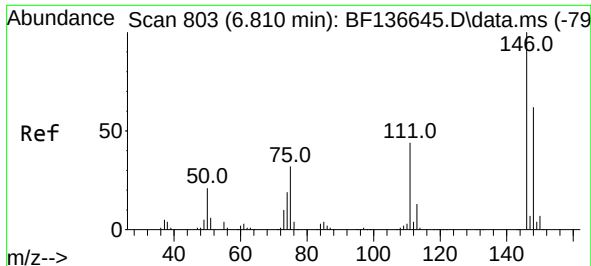
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#12
1,3-Dichlorobenzene
Concen: 44.550 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.012 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

Tgt Ion:146 Resp: 231460
Ion Ratio Lower Upper
146 100
148 63.9 50.5 75.7
75 30.9 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 44.781 ng

RT: 6.798 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF136879.D

Acq: 02 Jan 2024 19:23

Instrument :

BNA_F

ClientSampleId :

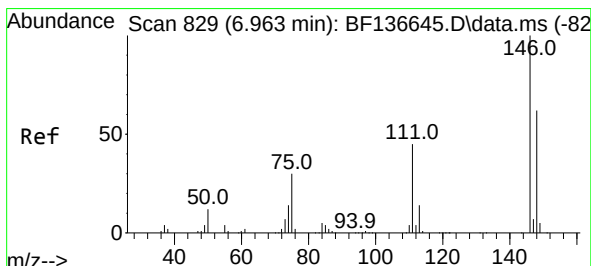
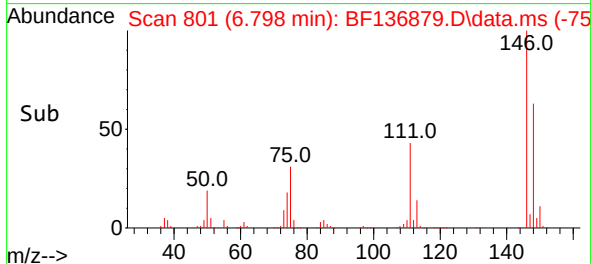
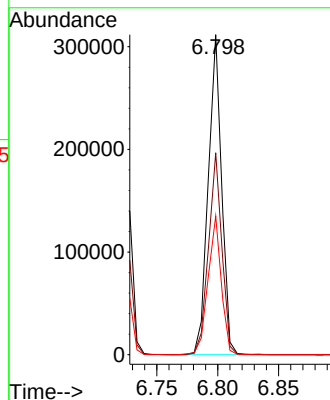
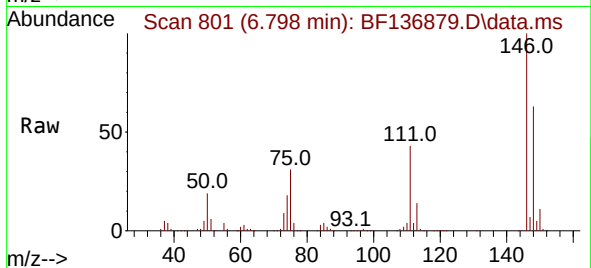
GHL-SS-06-0-2MS

Tgt Ion:146 Resp: 237728
 Ion Ratio Lower Upper
 146 100
 148 63.1 49.2 73.8
 111 43.3 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/03/2024
 Supervised By :mohammad ahmed 01/03/2024



#14

1,2-Dichlorobenzene

Concen: 45.038 ng

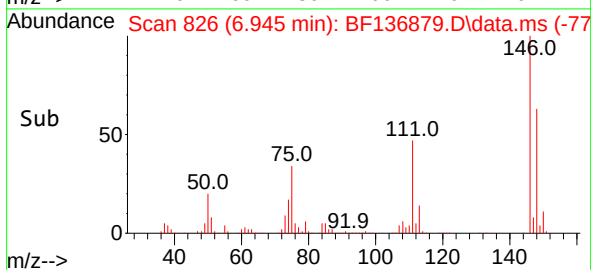
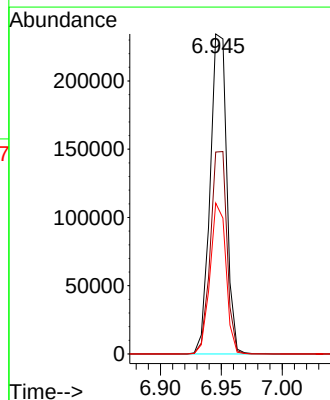
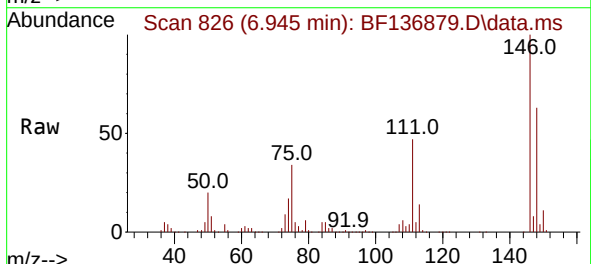
RT: 6.945 min Scan# 826

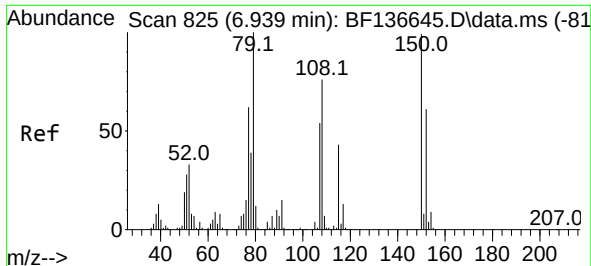
Delta R.T. -0.018 min

Lab File: BF136879.D

Acq: 02 Jan 2024 19:23

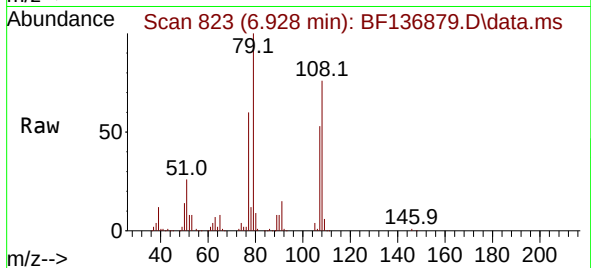
Tgt Ion:146 Resp: 222479
 Ion Ratio Lower Upper
 146 100
 148 63.1 49.6 74.4
 111 47.2 36.2 54.2





#15
Benzyl Alcohol
Concen: 48.212 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

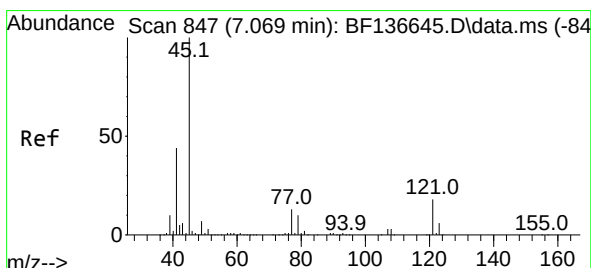
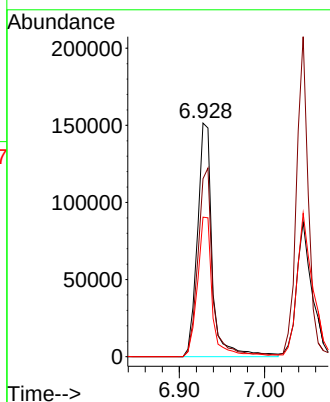
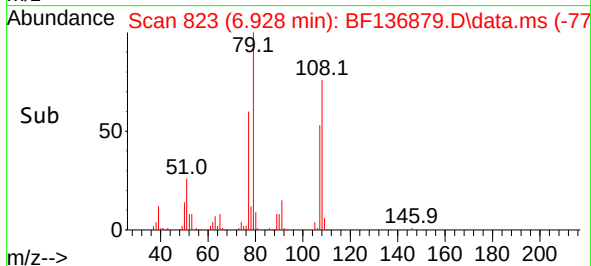
Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MS



Tgt Ion: 79 Resp: 183420
Ion Ratio Lower Upper
79 100
108 76.1 61.0 91.6
77 59.7 49.8 74.8

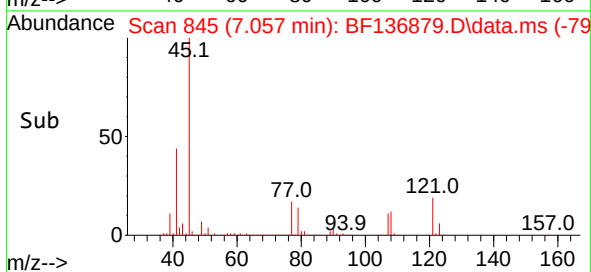
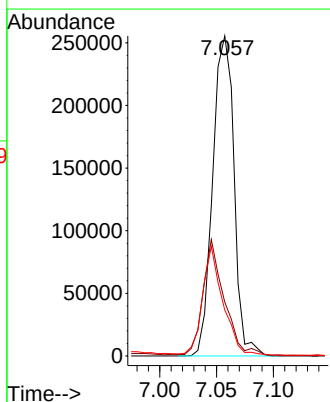
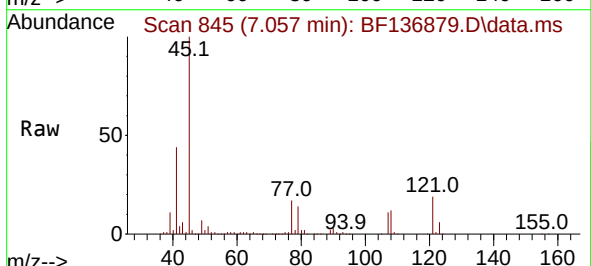
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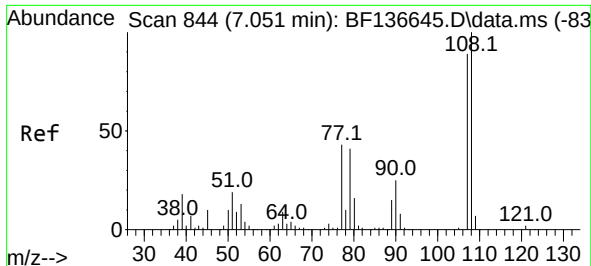
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.501 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

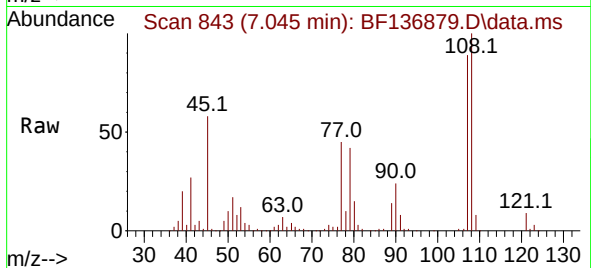
Tgt Ion: 45 Resp: 333082
Ion Ratio Lower Upper
45 100
77 16.8 0.0 34.3
79 14.3 0.0 31.4





#17
2-Methylphenol
Concen: 45.482 ng
RT: 7.045 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

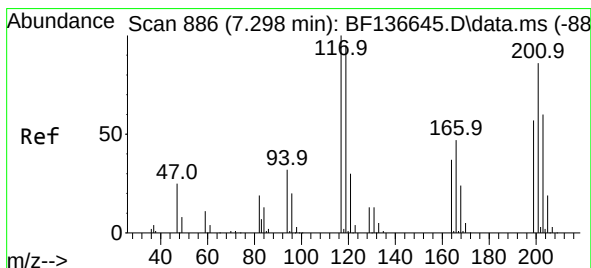
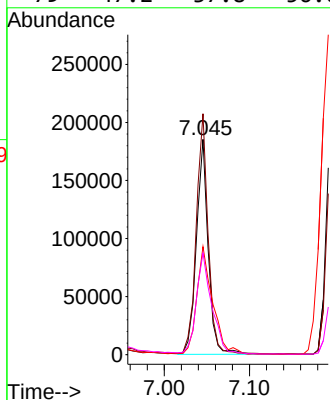
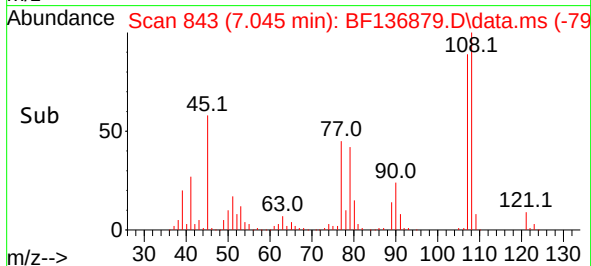
Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MS



Tgt Ion:107 Resp: 179452
Ion Ratio Lower Upper
107 100
108 111.9 90.3 135.5
77 50.1 38.7 58.1
79 47.2 37.8 56.6

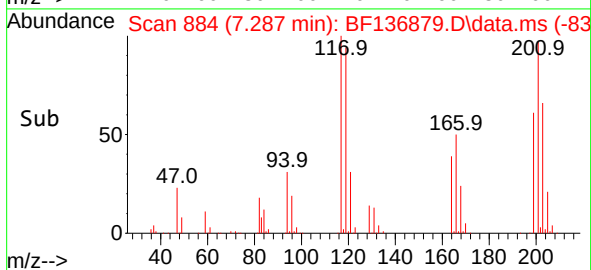
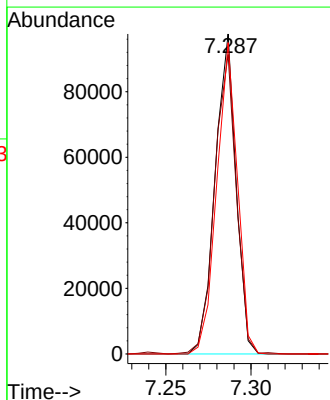
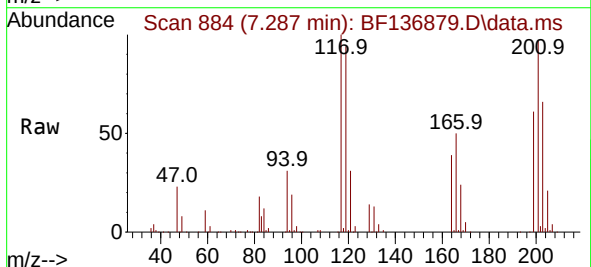
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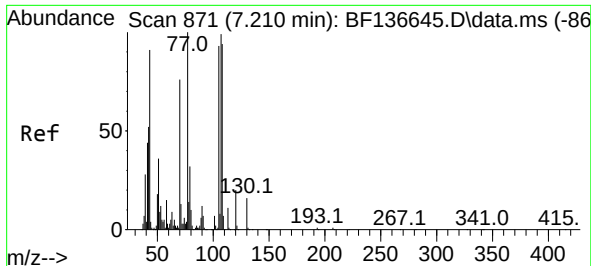
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#18
Hexachloroethane
Concen: 43.242 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

Tgt Ion:117 Resp: 83368
Ion Ratio Lower Upper
117 100
119 93.6 75.8 113.6
201 97.3 69.1 103.7





#19

n-Nitroso-di-n-propylamine

Concen: 44.563 ng

RT: 7.198 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF136879.D

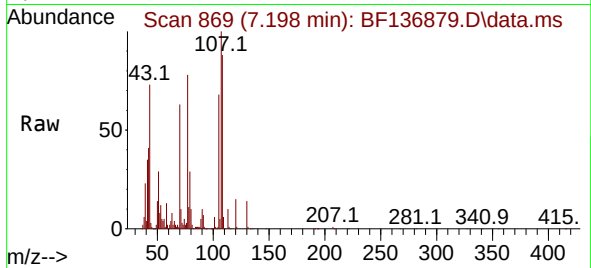
Acq: 02 Jan 2024 19:23

Instrument :

BNA_F

ClientSampleId :

GHL-SS-06-0-2MS



Tgt Ion: 70 Resp: 152339

Ion Ratio Lower Upper

70 100

42 65.0 54.2 81.4

101 10.0 7.6 11.4

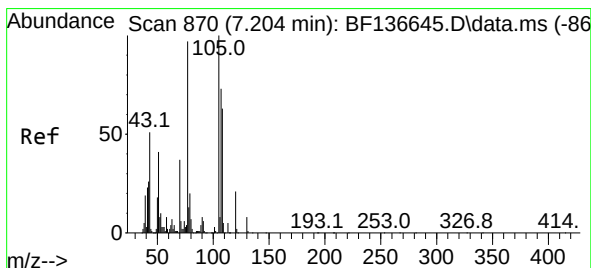
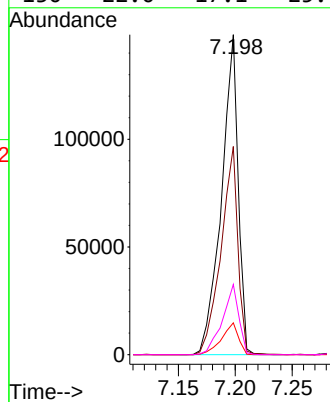
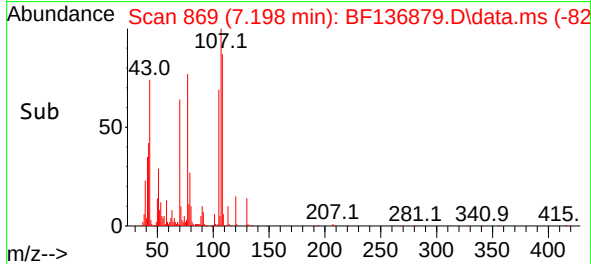
130 22.0 17.1 25.7

Manual Integrations

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Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#20

3+4-Methylphenols

Concen: 46.089 ng

RT: 7.198 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF136879.D

Acq: 02 Jan 2024 19:23

Tgt Ion:107 Resp: 227183

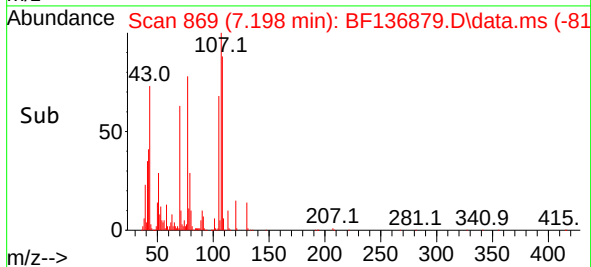
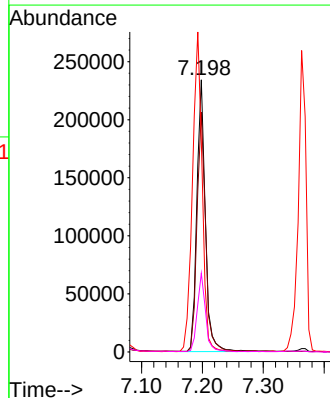
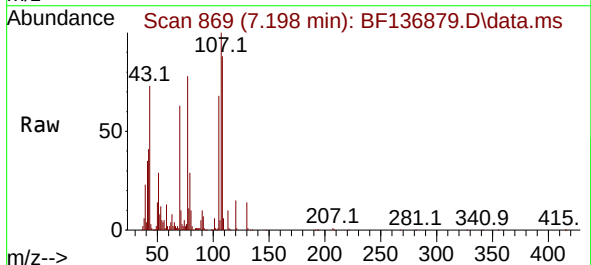
Ion Ratio Lower Upper

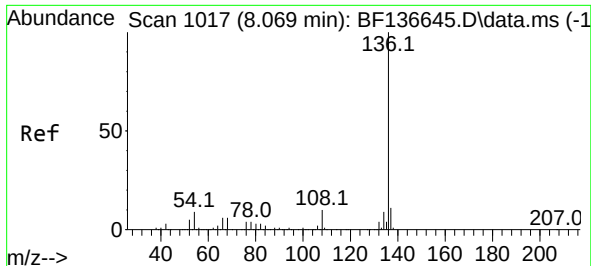
107 100

108 88.1 66.0 106.0

77 77.5 114.2 154.2#

79 28.9 7.2 47.2





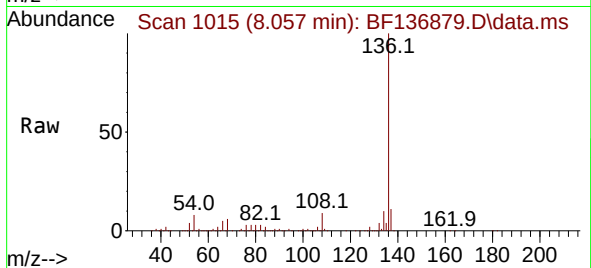
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

Instrument :

BNA_F

ClientSampleId :

GHL-SS-06-0-2MS



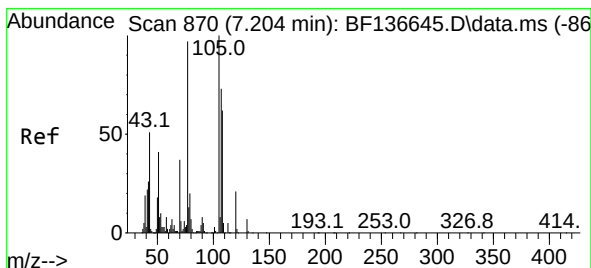
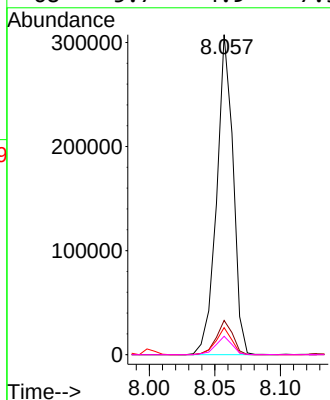
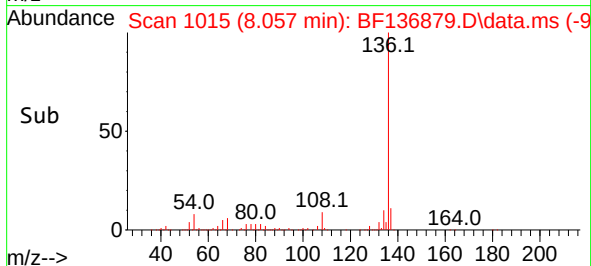
Tgt Ion:136 Resp: 267410
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 8.5 7.2 10.8
68 5.7 4.9 7.3

Manual Integrations

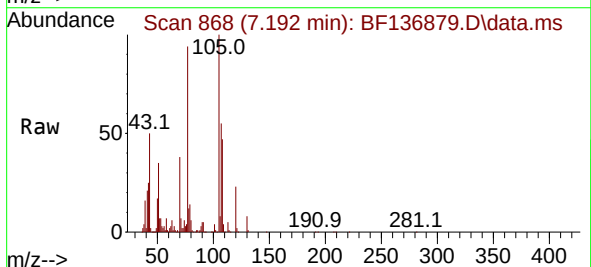
APPROVED

Reviewed By :Yogesh Patel 01/03/2024

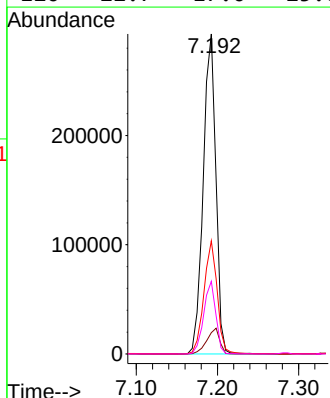
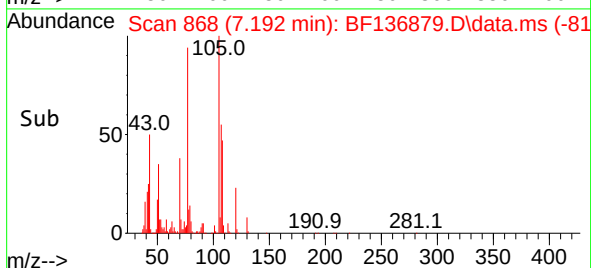
Supervised By :mohammad ahmed 01/03/2024

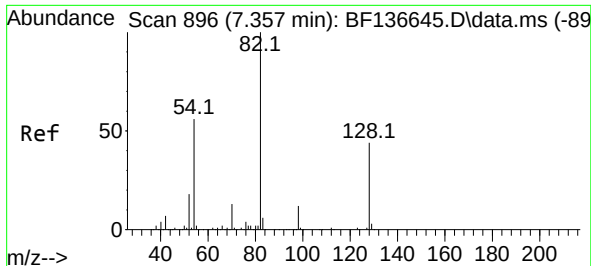


#22
Acetophenone
Concen: 47.249 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23



Tgt Ion:105 Resp: 316699
Ion Ratio Lower Upper
105 100
71 6.6 4.8 7.2
51 35.4 32.8 49.2
120 22.7 17.0 25.6





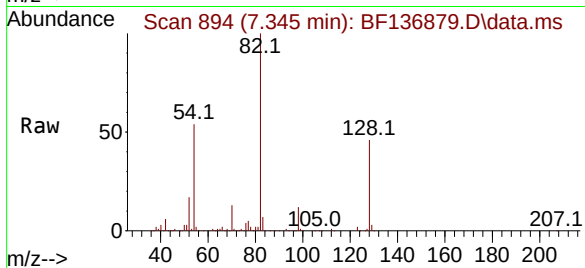
#23
Nitrobenzene-d5
Concen: 68.980 ng
RT: 7.345 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

Instrument :

BNA_F

ClientSampleId :

GHL-SS-06-0-2MS



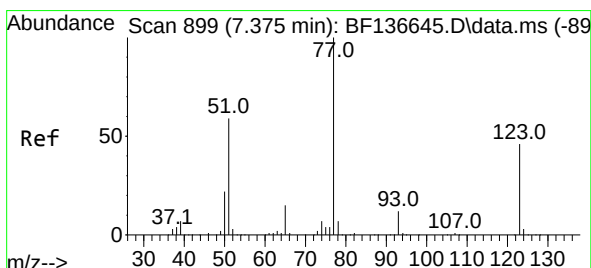
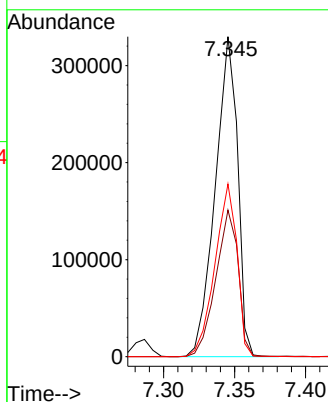
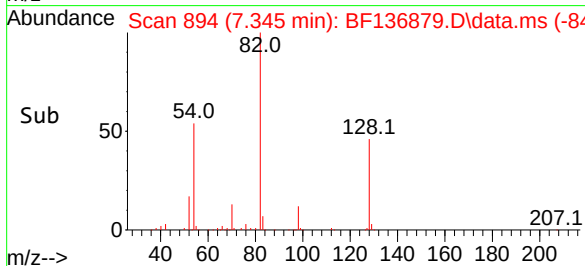
Tgt Ion: 82 Resp: 36048
Ion Ratio Lower Upper
82 100
128 45.8 35.3 52.9
54 54.0 44.5 66.7

Manual Integrations

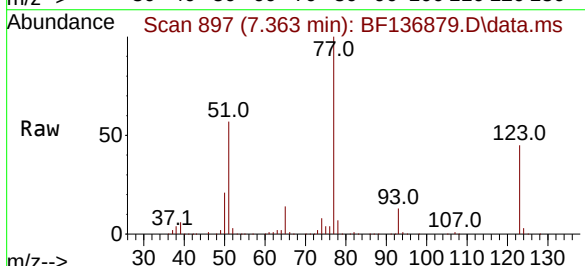
APPROVED

Reviewed By :Yogesh Patel 01/03/2024

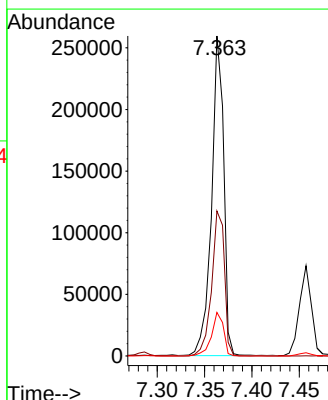
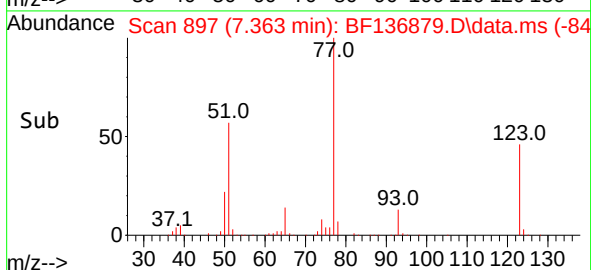
Supervised By :mohammad ahmed 01/03/2024

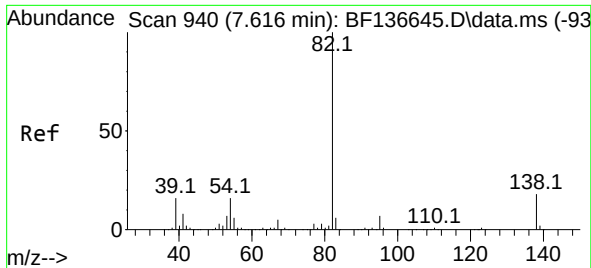


#24
Nitrobenzene
Concen: 44.035 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23



Tgt Ion: 77 Resp: 230521
Ion Ratio Lower Upper
77 100
123 45.3 36.7 55.1
65 13.6 11.8 17.6





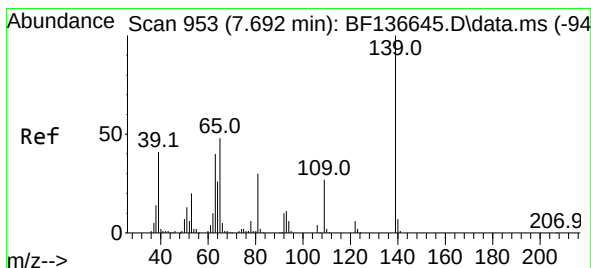
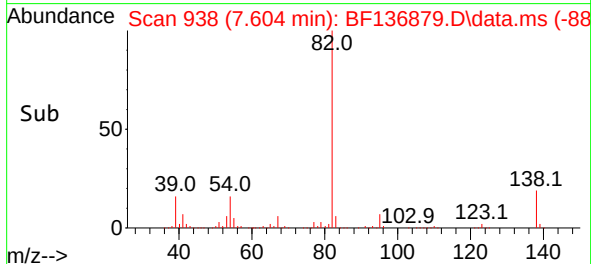
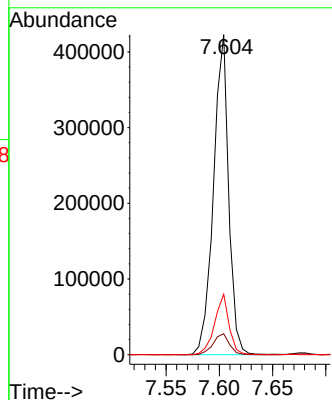
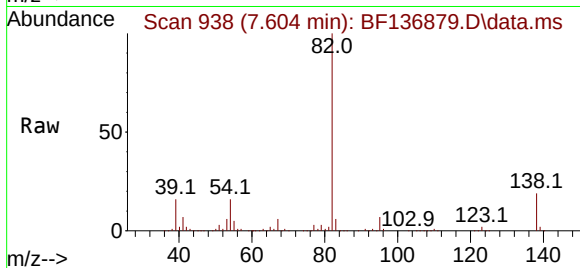
#25
Isophorone
Concen: 44.140 ng
RT: 7.604 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MS

Tgt Ion: 82 Resp: 419728
Ion Ratio Lower Upper
82 100
95 6.6 5.5 8.3
138 18.9 14.5 21.7

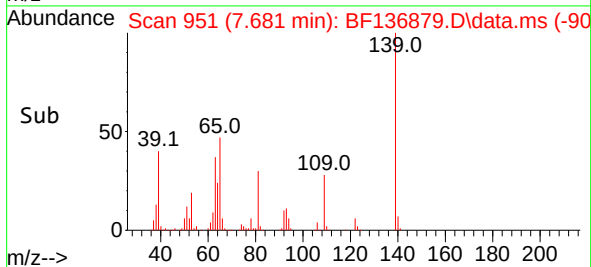
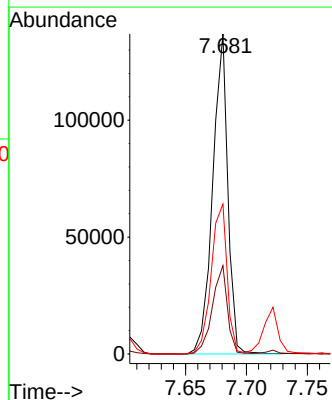
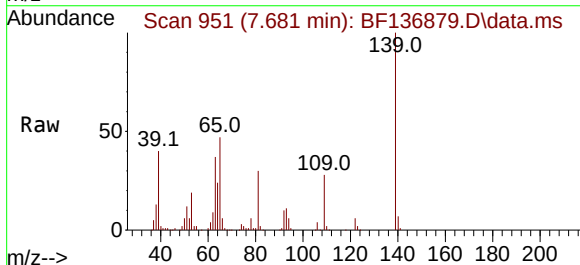
Manual Integrations
APPROVED

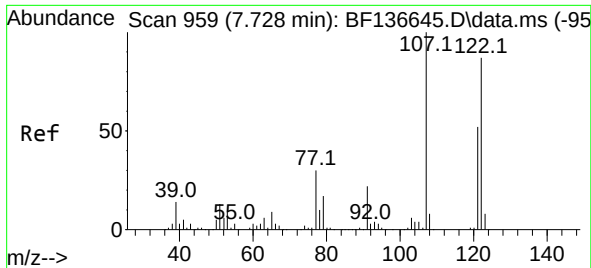
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#26
2-Nitrophenol
Concen: 47.281 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

Tgt Ion:139 Resp: 118423
Ion Ratio Lower Upper
139 100
109 27.6 21.9 32.9
65 46.9 38.6 58.0





#27
2,4-Dimethylphenol
Concen: 56.690 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

Instrument :

BNA_F

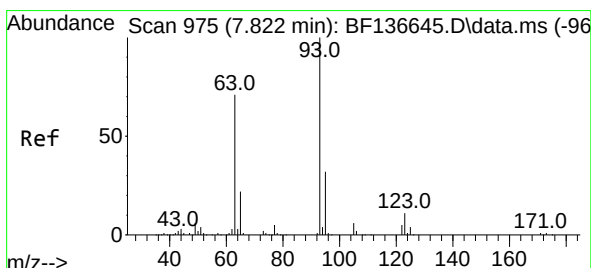
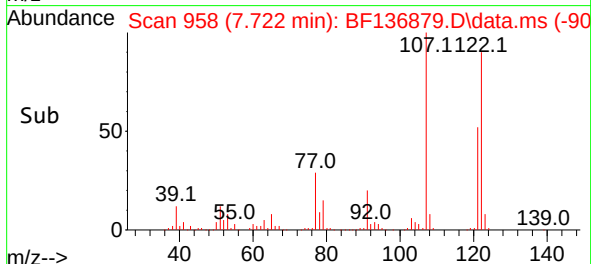
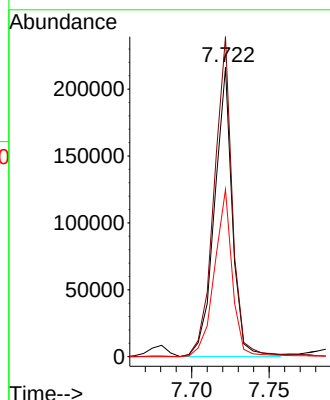
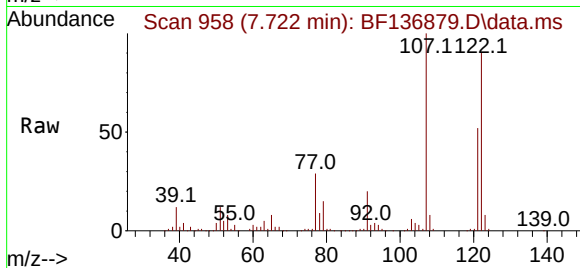
ClientSampleId :

GHL-SS-06-0-2MS

Tgt Ion:122 Resp: 172862
Ion Ratio Lower Upper
122 100
107 110.6 92.0 138.0
121 57.8 47.5 71.3

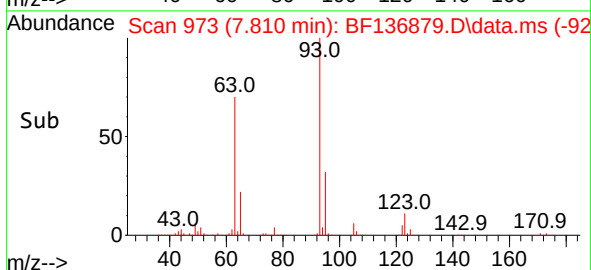
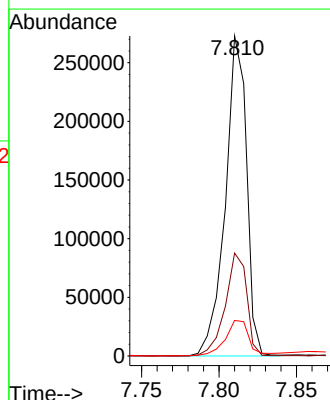
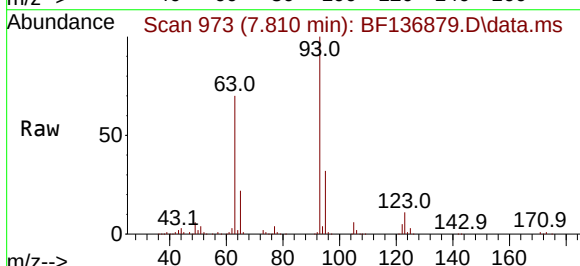
Manual Integrations
APPROVED

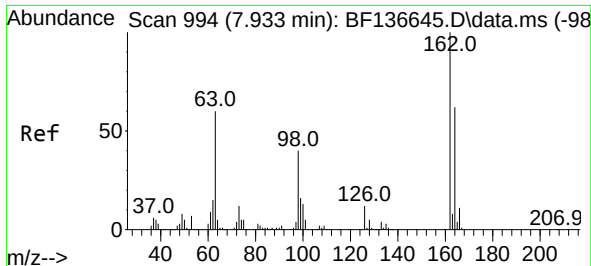
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#28
bis(2-Chloroethoxy)methane
Concen: 45.034 ng
RT: 7.810 min Scan# 973
Delta R.T. -0.012 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

Tgt Ion: 93 Resp: 260304
Ion Ratio Lower Upper
93 100
95 32.1 25.5 38.3
123 11.1 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 46.134 ng

RT: 7.922 min Scan# 94

Delta R.T. -0.012 min

Lab File: BF136879.D

Acq: 02 Jan 2024 19:23

Instrument :

BNA_F

ClientSampleId :

GHL-SS-06-0-2MS

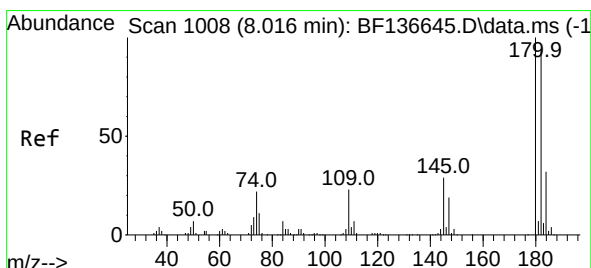
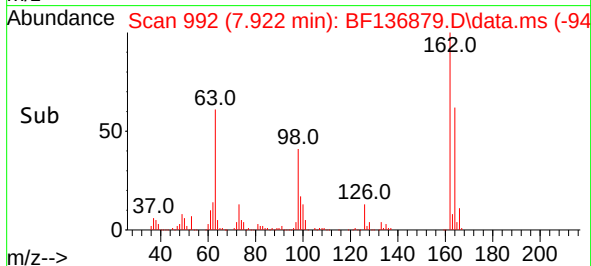
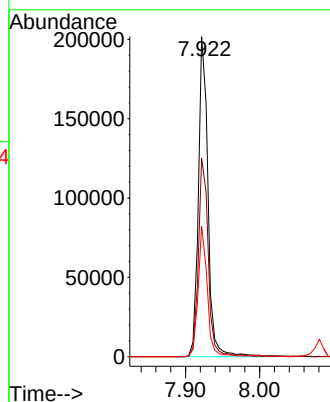
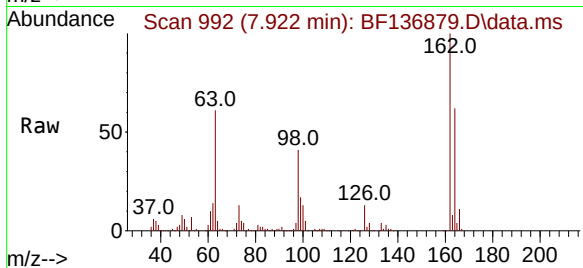
Tgt Ion:	162	Resp:	181100
Ion Ratio	Lower	Upper	
162	100		
164	62.0	41.7	81.7
98	40.8	19.5	59.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#30

1,2,4-Trichlorobenzene

Concen: 44.223 ng

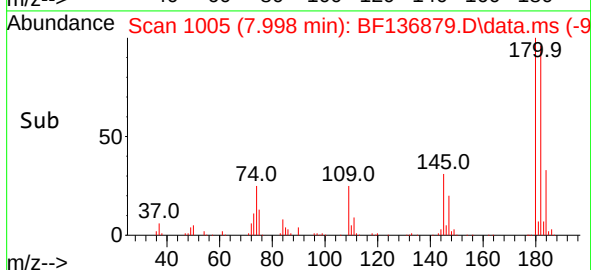
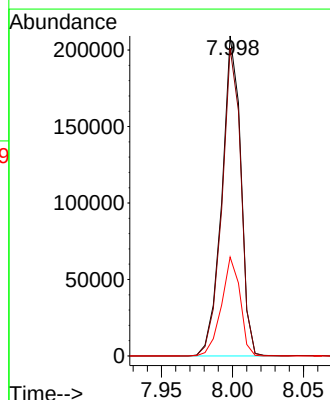
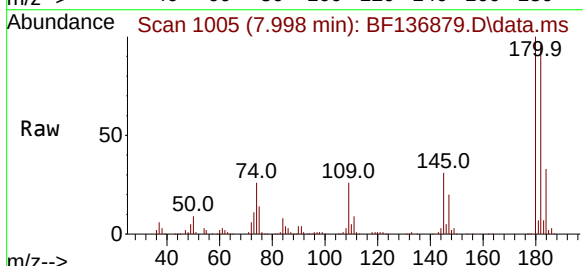
RT: 7.998 min Scan# 1005

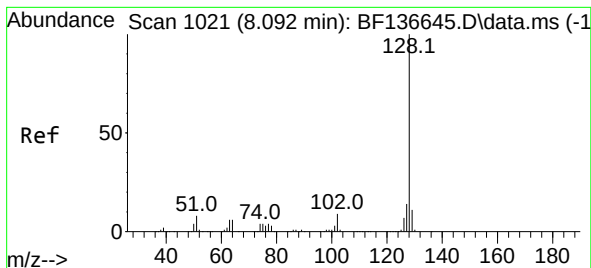
Delta R.T. -0.018 min

Lab File: BF136879.D

Acq: 02 Jan 2024 19:23

Tgt Ion:	180	Resp:	193429
Ion Ratio	Lower	Upper	
180	100		
182	96.2	75.4	113.0
145	30.9	23.1	34.7





#31
Naphthalene
Concen: 44.721 ng
RT: 8.081 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

Instrument :

BNA_F

ClientSampleId :

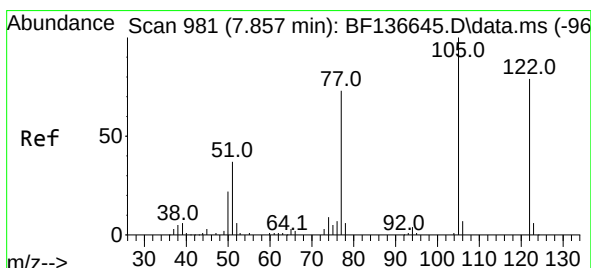
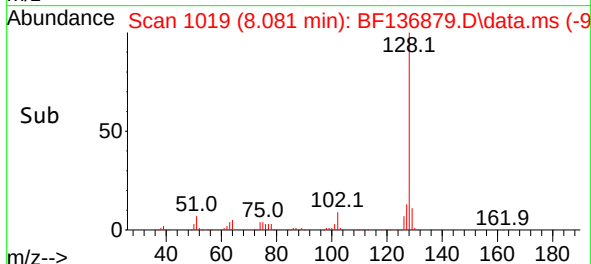
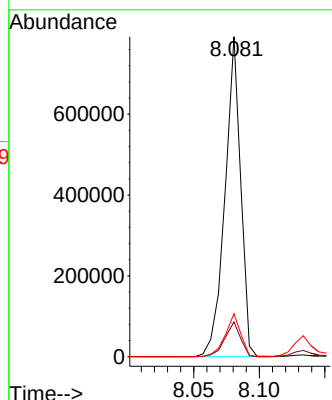
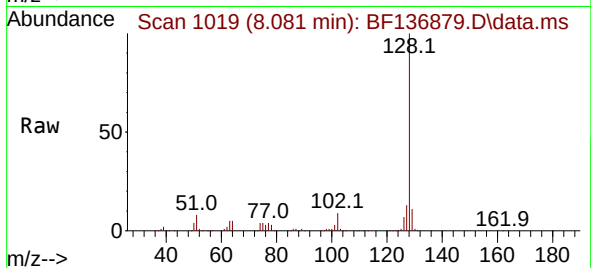
GHL-SS-06-0-2MS

Tgt Ion:128 Resp: 656994
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.4 10.8 16.2

Manual Integrations

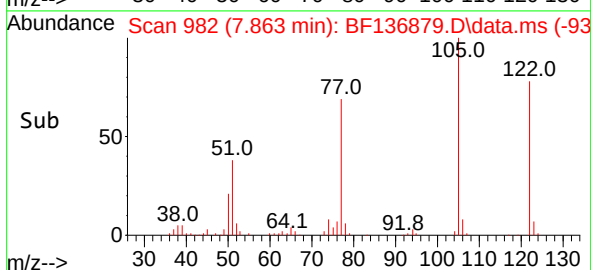
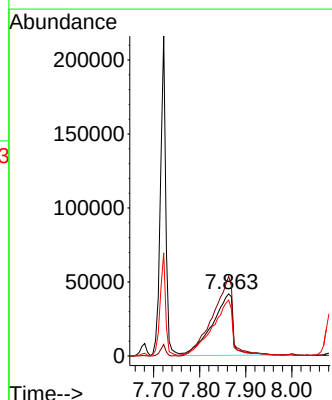
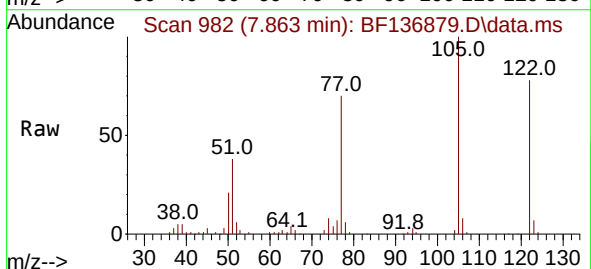
APPROVED

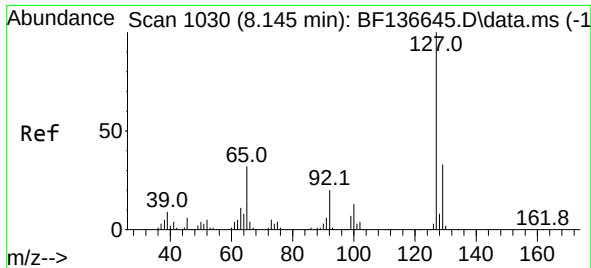
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#32
Benzoic acid
Concen: 45.231 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.006 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

Tgt Ion:122 Resp: 133449
Ion Ratio Lower Upper
122 100
105 128.0 100.8 140.8
77 89.9 70.9 110.9





#33
4-Chloroaniline
Concen: 11.365 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

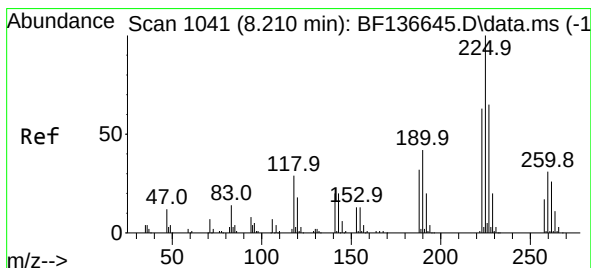
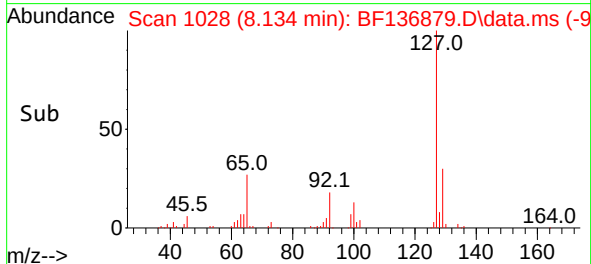
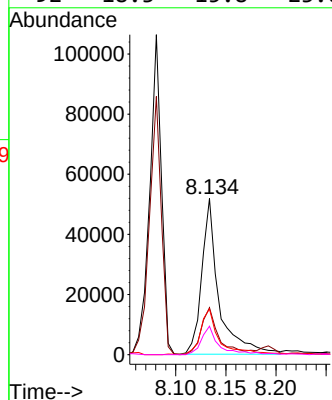
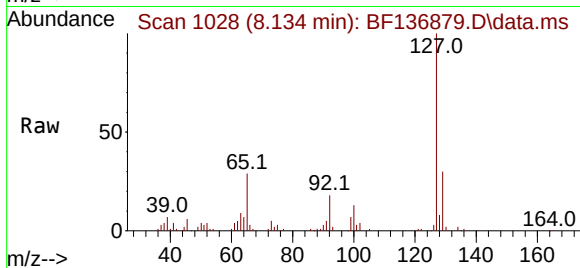
Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MS

Tgt Ion:127 Resp: 61648

Ion	Ratio	Lower	Upper
127	100		
129	30.1	26.3	39.5
65	29.3	25.8	38.8
92	18.3	15.8	23.6

Manual Integrations
APPROVED

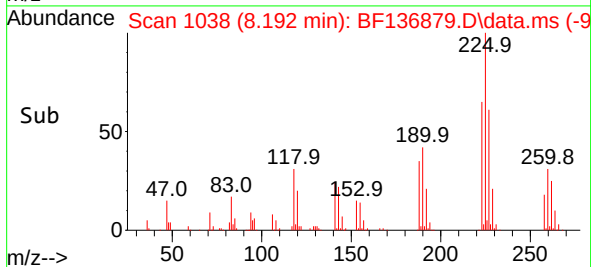
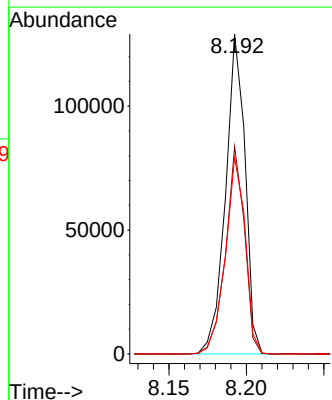
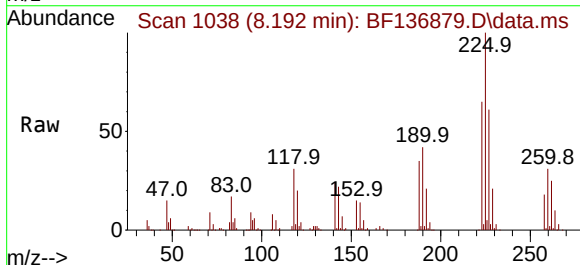
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024

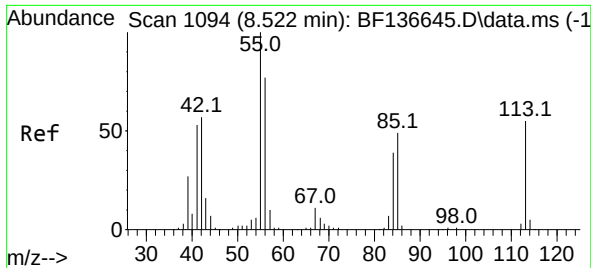


#34
Hexachlorobutadiene
Concen: 42.553 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.018 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

Tgt Ion:225 Resp: 113082

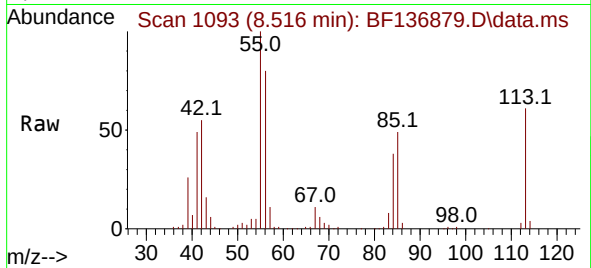
Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.6	76.0
227	61.4	51.9	77.9





#35
Caprolactam
Concen: 48.035 ng m
RT: 8.516 min Scan# 1093
Delta R.T. -0.006 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

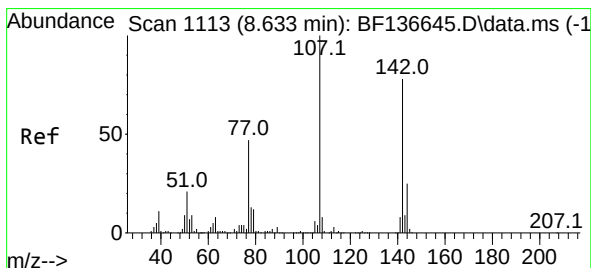
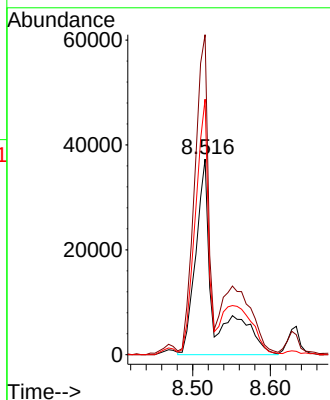
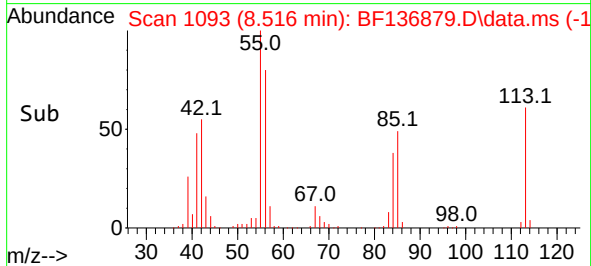
Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MS



Tgt Ion:113 Resp: 62208
Ion Ratio Lower Upper
113 100
55 163.5 163.1 203.1
56 130.6 121.7 161.7

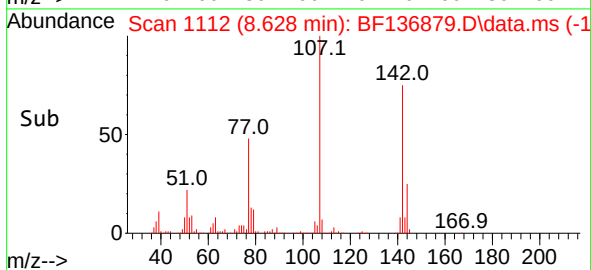
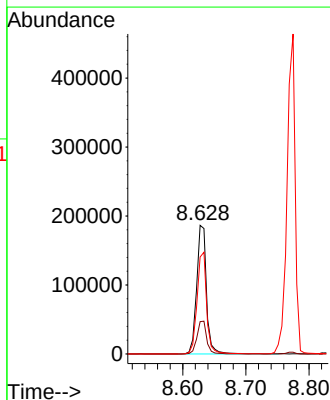
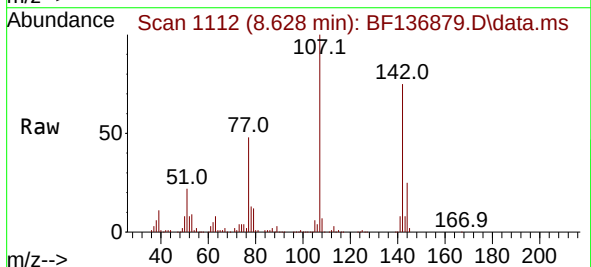
Manual Integrations
APPROVED

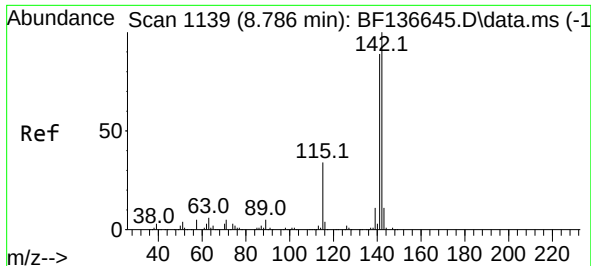
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#36
4-Chloro-3-methylphenol
Concen: 45.460 ng
RT: 8.628 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

Tgt Ion:107 Resp: 200910
Ion Ratio Lower Upper
107 100
144 25.1 20.2 30.2
142 75.4 62.3 93.5





#37

2-Methylnaphthalene

Concen: 43.450 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF136879.D

Acq: 02 Jan 2024 19:23

Instrument :

BNA_F

ClientSampleId :

GHL-SS-06-0-2MS

Tgt Ion:142 Resp: 410800

Ion Ratio Lower Upper

142 100

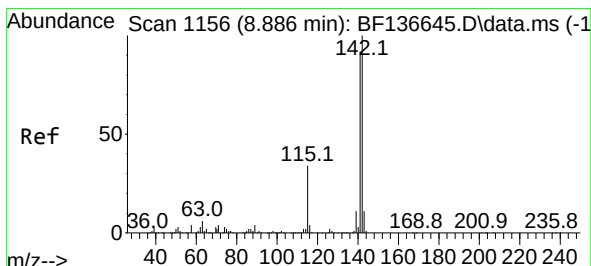
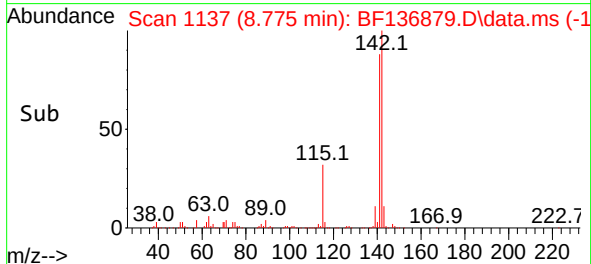
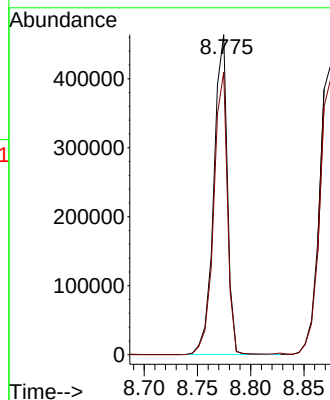
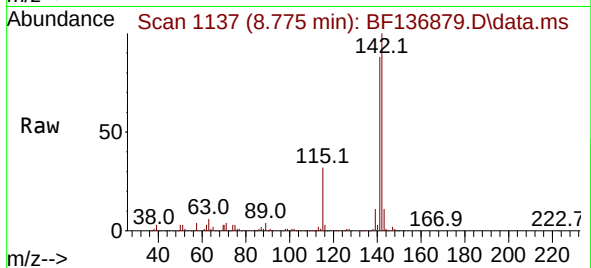
141 88.3 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#38

1-Methylnaphthalene

Concen: 42.809 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136879.D

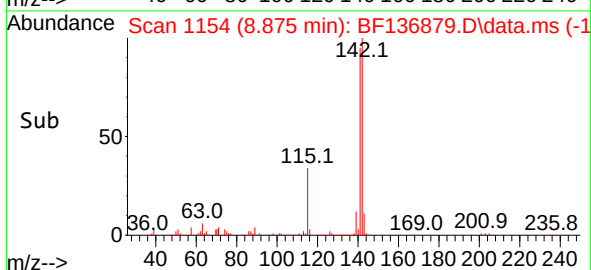
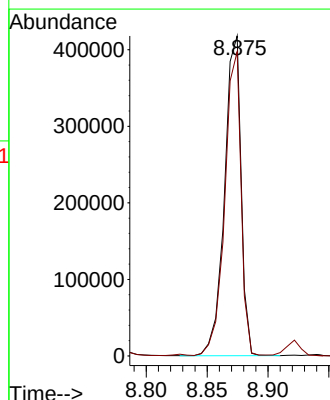
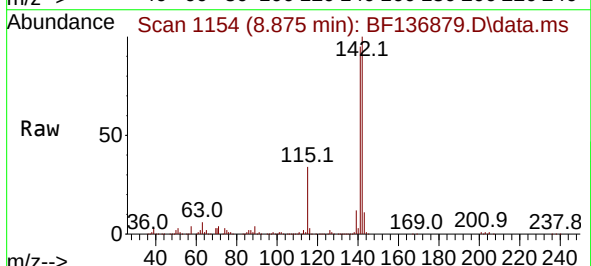
Acq: 02 Jan 2024 19:23

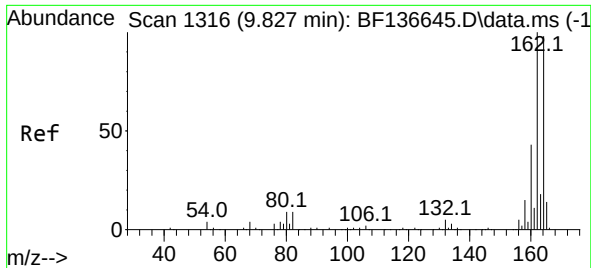
Tgt Ion:142 Resp: 397097

Ion Ratio Lower Upper

142 100

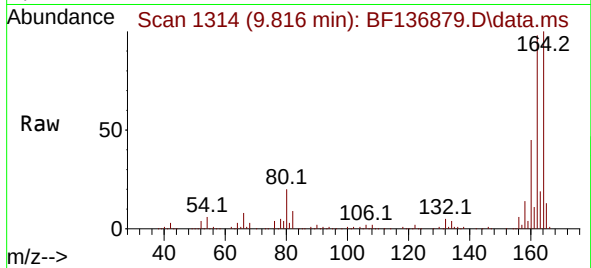
141 95.1 73.6 110.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

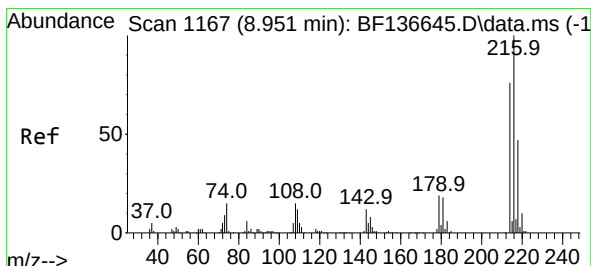
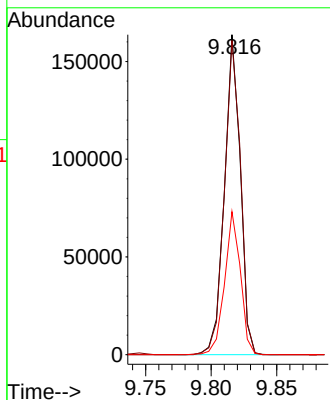
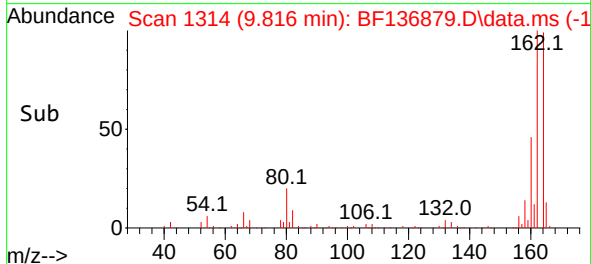
Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MS



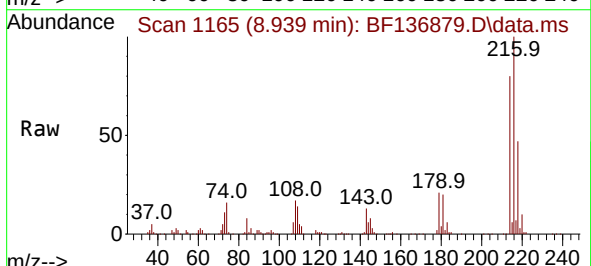
Tgt Ion:164 Resp: 13748
Ion Ratio Lower Upper
164 100
162 98.2 81.6 122.4
160 44.7 34.9 52.3

Manual Integrations
APPROVED

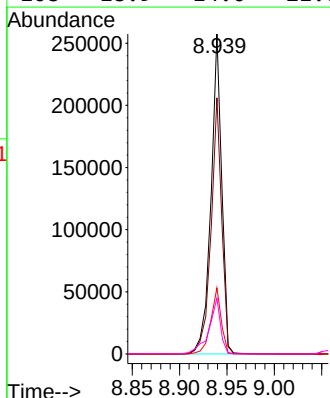
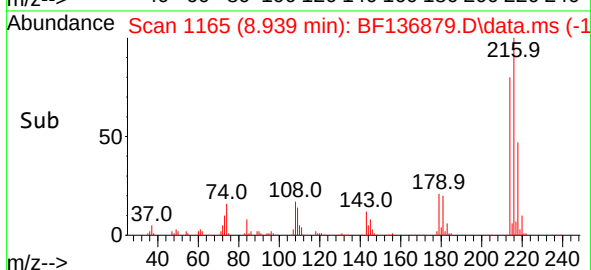
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024

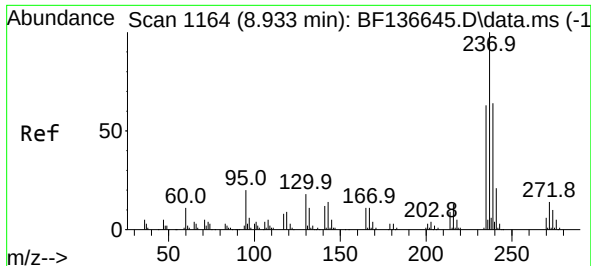


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.484 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23



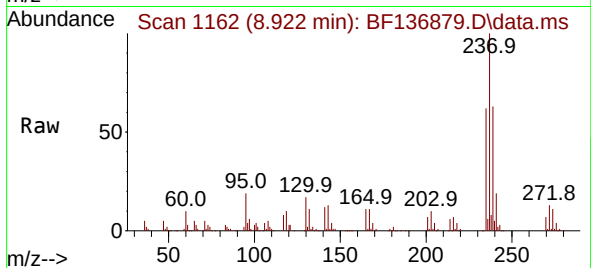
Tgt Ion:216 Resp: 202181
Ion Ratio Lower Upper
216 100
214 79.3 62.3 93.5
179 20.2 16.4 24.6
108 18.9 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 104.184 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

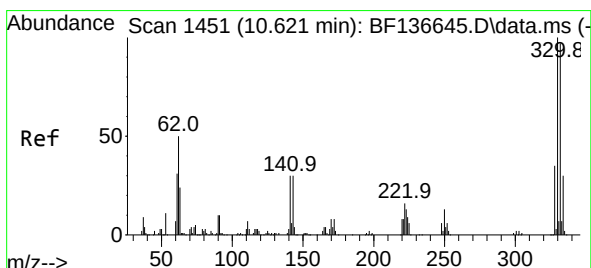
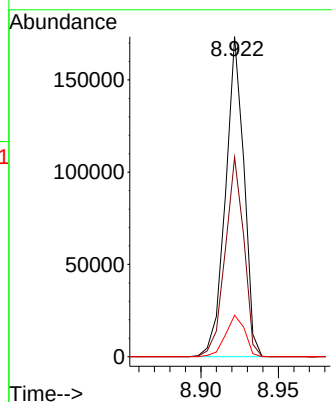
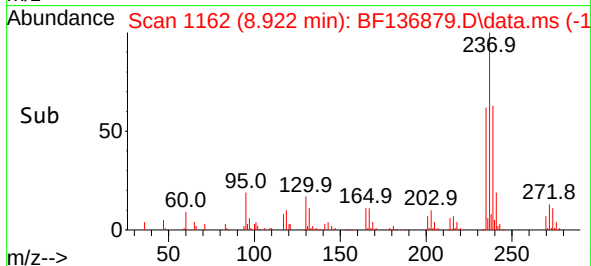
Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MS



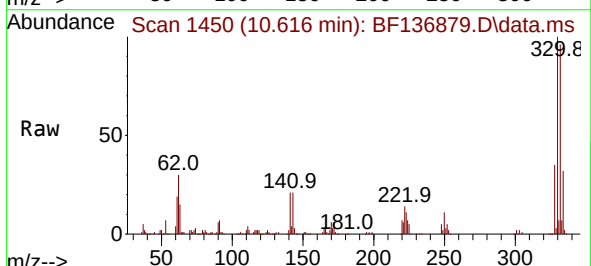
Tgt Ion:237 Resp: 14358
Ion Ratio Lower Upper
237 100
235 62.3 43.2 83.2
272 13.0 0.0 34.2

Manual Integrations
APPROVED

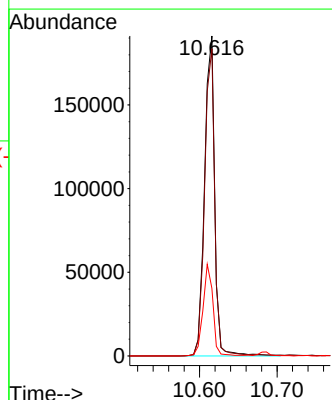
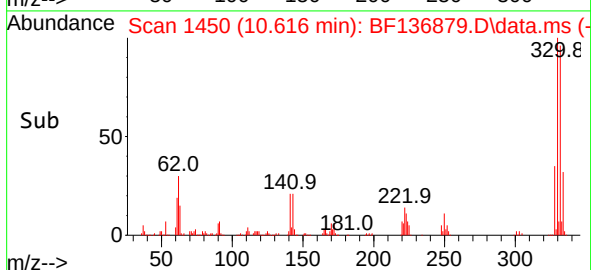
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024

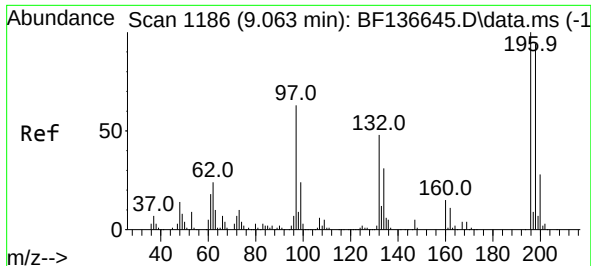


#42
2,4,6-Tribromophenol
Concen: 107.329 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23



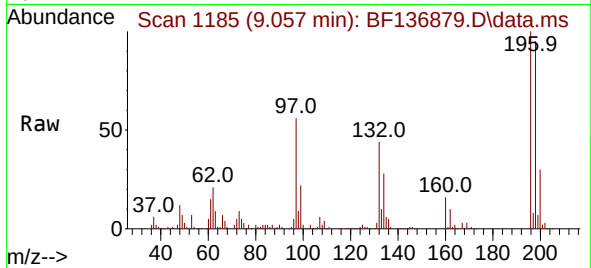
Tgt Ion:330 Resp: 173788
Ion Ratio Lower Upper
330 100
332 96.0 77.4 116.0
141 28.1 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 46.815 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

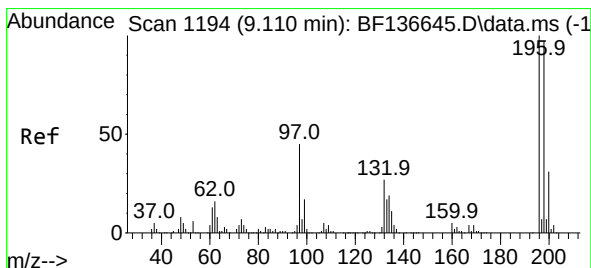
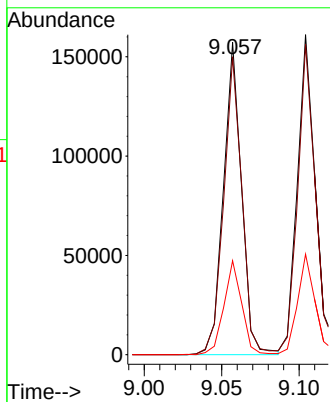
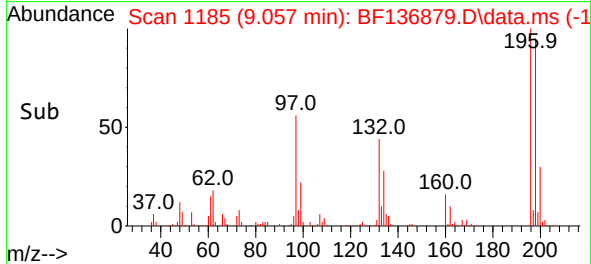
Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MS



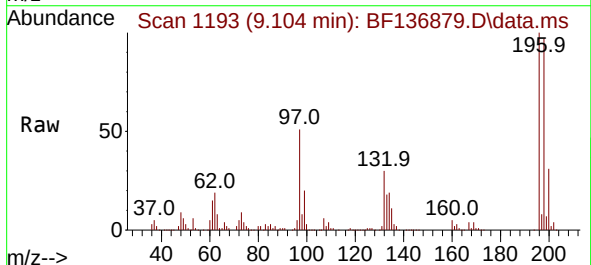
Tgt Ion:196 Resp: 12783
Ion Ratio Lower Upper
196 100
198 95.4 75.1 112.7
200 30.1 22.5 33.7

Manual Integrations
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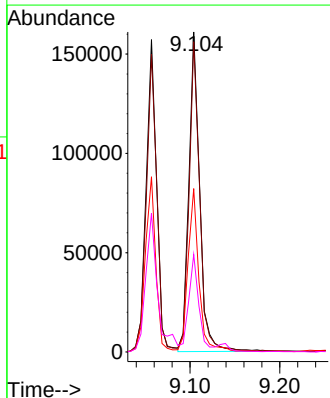
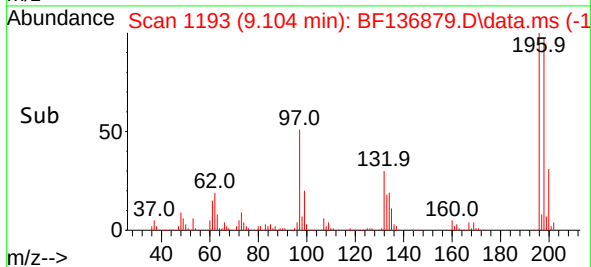
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024

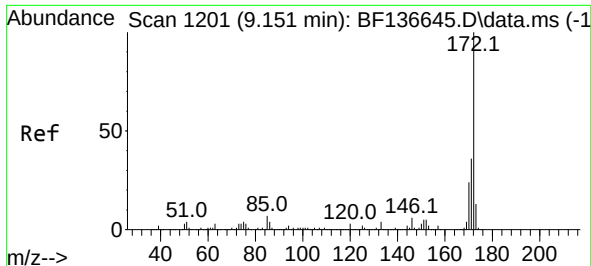


#44
2,4,5-Trichlorophenol
Concen: 44.384 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23



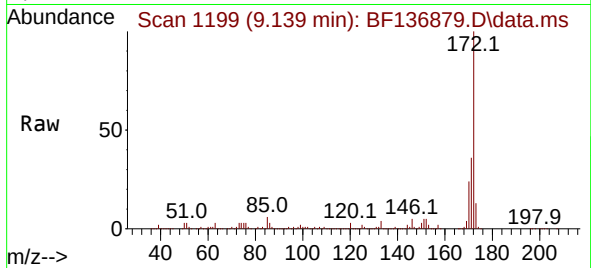
Tgt Ion:196 Resp: 135059
Ion Ratio Lower Upper
196 100
198 96.9 77.0 115.6
97 51.1 36.1 54.1
132 30.4 21.8 32.6





#45
2-Fluorobiphenyl
Concen: 71.006 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

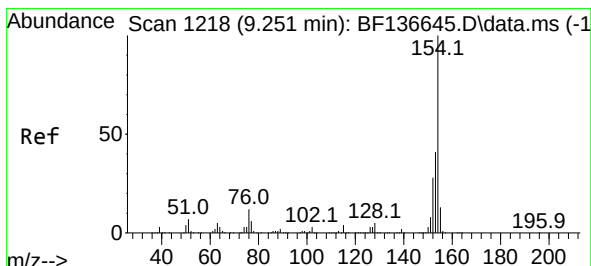
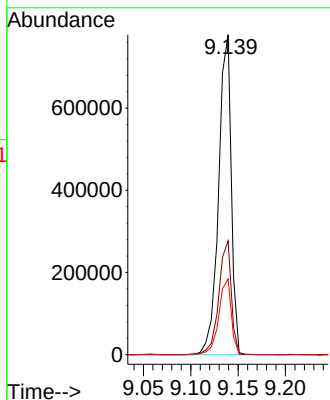
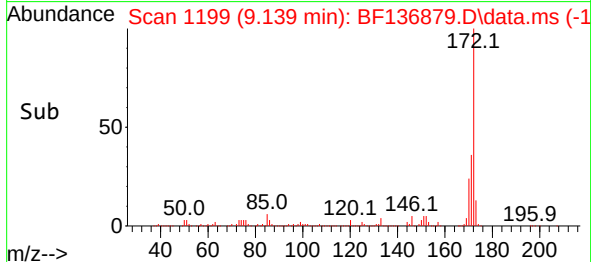
Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MS



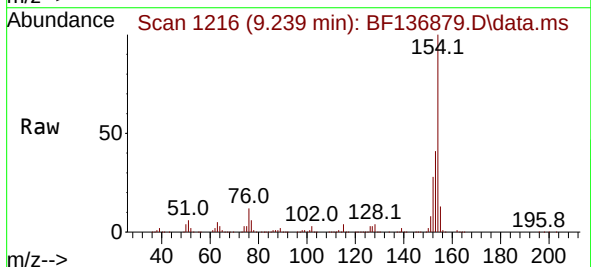
Tgt Ion:172 Resp: 725838
Ion Ratio Lower Upper
172 100
171 35.5 29.0 43.6
170 23.7 19.0 28.4

Manual Integrations
APPROVED

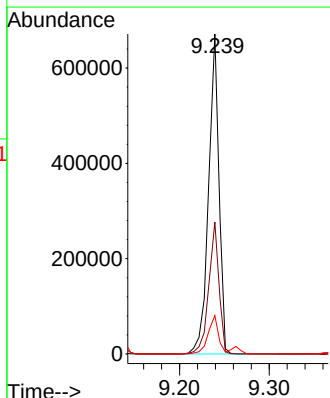
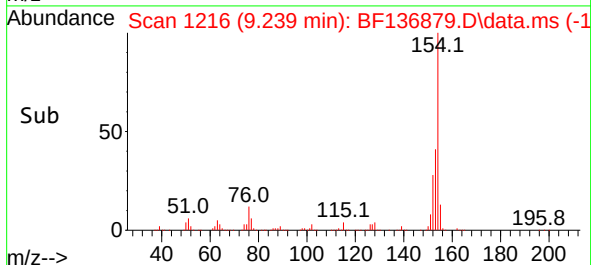
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024

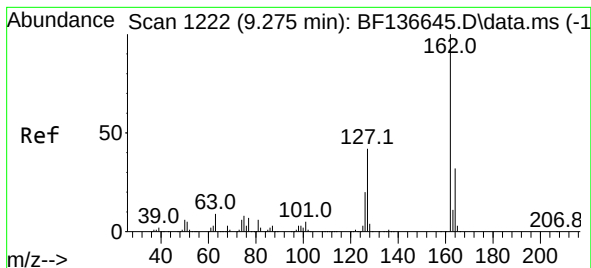


#46
1,1'-Biphenyl
Concen: 46.957 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23



Tgt Ion:154 Resp: 541755
Ion Ratio Lower Upper
154 100
153 41.2 21.1 61.1
76 12.0 0.0 31.7





#47

2-Chloronaphthalene

Concen: 45.242 ng

RT: 9.263 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136879.D

Acq: 02 Jan 2024 19:23

Instrument :

BNA_F

ClientSampleId :

GHL-SS-06-0-2MS

Tgt Ion:162 Resp: 39681

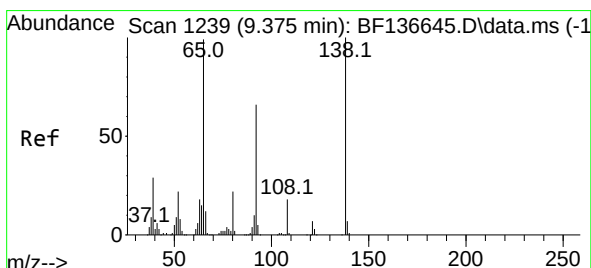
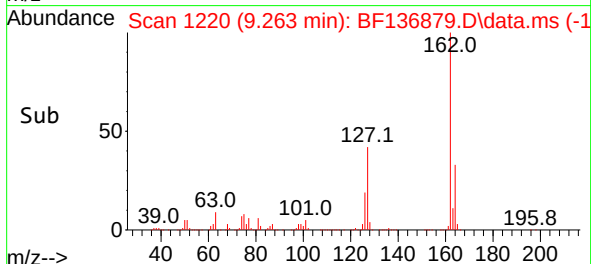
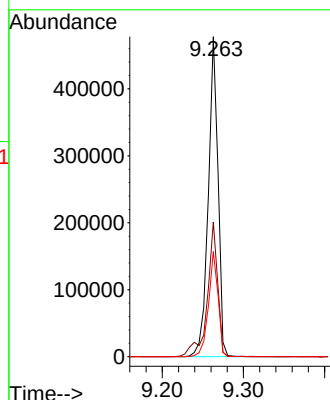
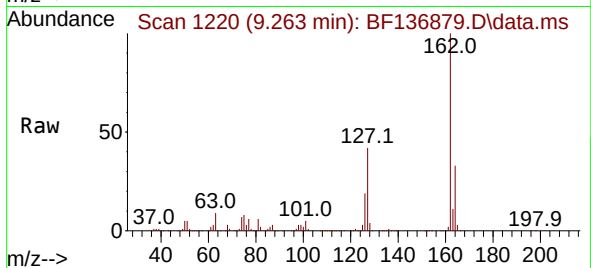
Ion	Ratio	Lower	Upper
162	100		
127	42.1	33.6	50.4
164	32.8	25.7	38.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#48

2-Nitroaniline

Concen: 45.615 ng

RT: 9.369 min Scan# 1238

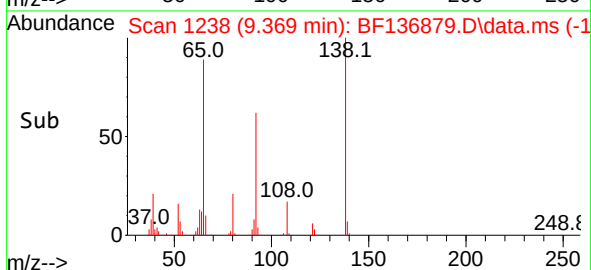
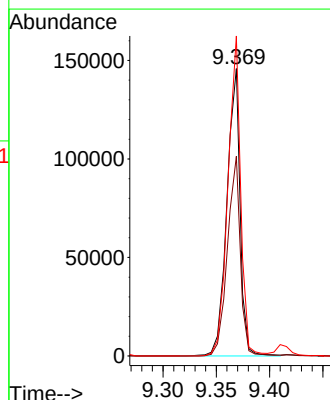
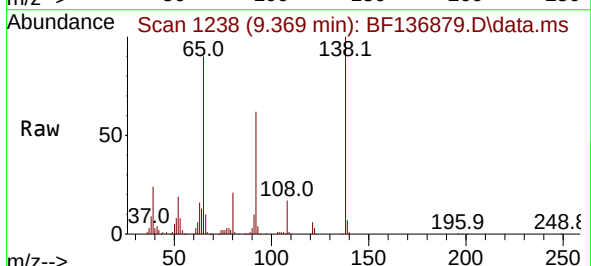
Delta R.T. -0.006 min

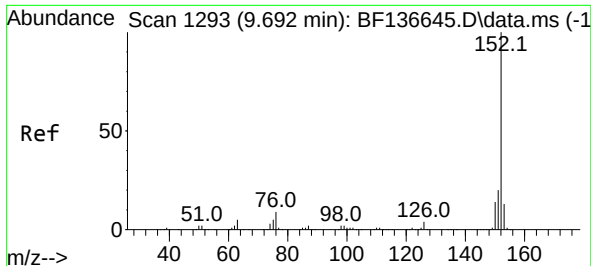
Lab File: BF136879.D

Acq: 02 Jan 2024 19:23

Tgt Ion: 65 Resp: 125283

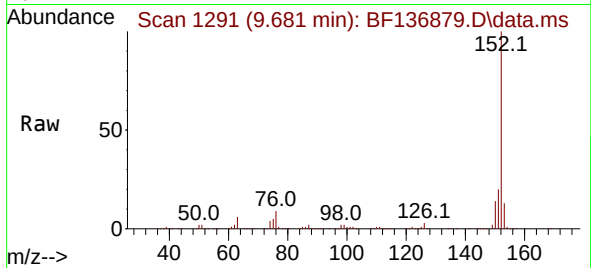
Ion	Ratio	Lower	Upper
65	100		
92	69.5	53.2	79.8
138	111.4	81.1	121.7





#49
Acenaphthylene
Concen: 49.421 ng
RT: 9.681 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

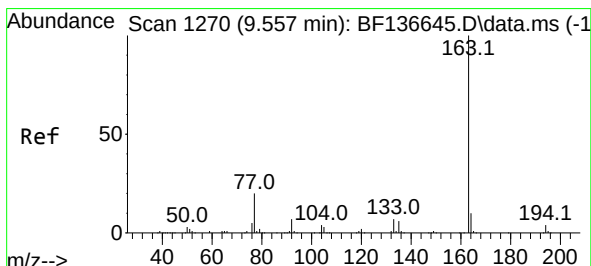
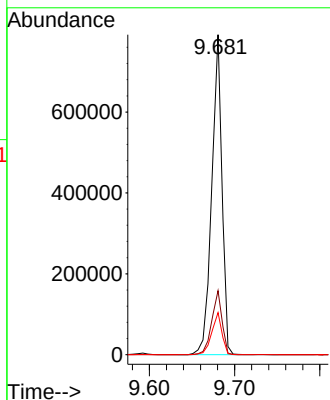
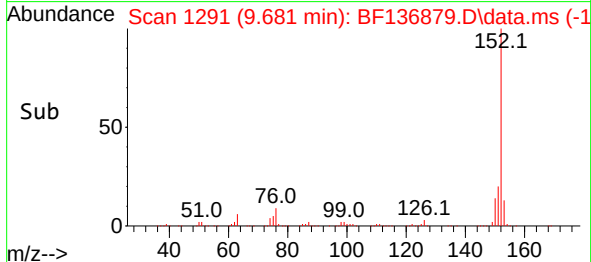
Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MS



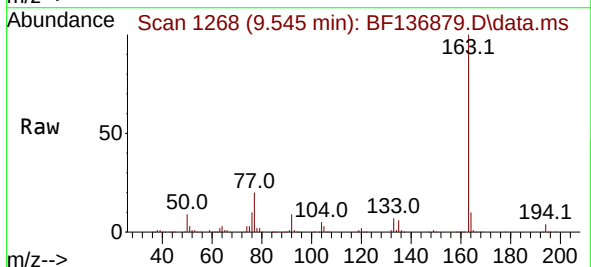
Tgt Ion:152 Resp: 662538
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 13.2 10.2 15.2

Manual Integrations
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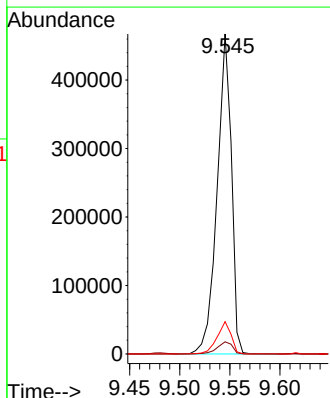
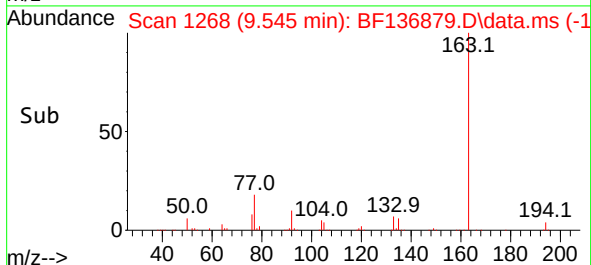
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024

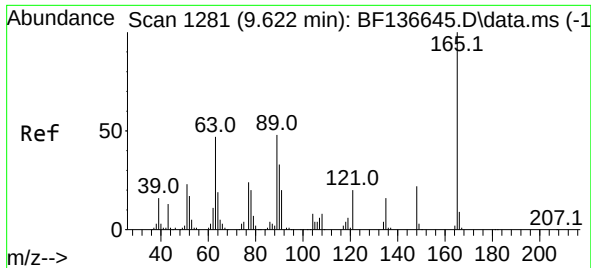


#50
Dimethylphthalate
Concen: 45.921 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23



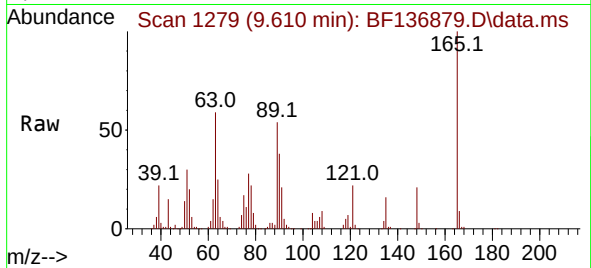
Tgt Ion:163 Resp: 461152
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.1 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 44.878 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

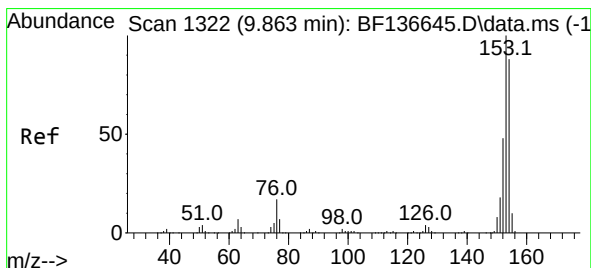
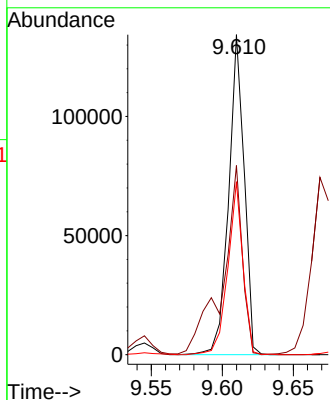
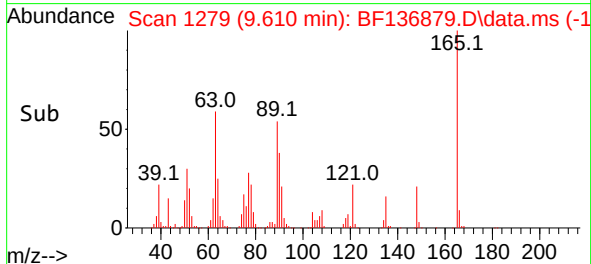
Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MS



Tgt Ion:165 Resp: 10228
Ion Ratio Lower Upper
165 100
63 59.1 39.8 59.6
89 54.1 38.8 58.2

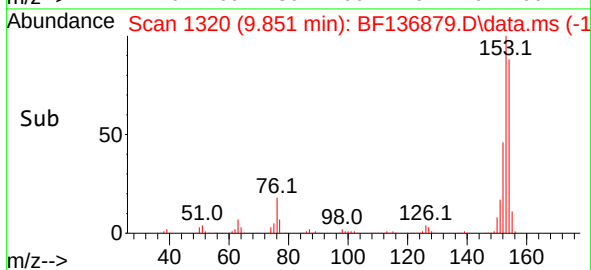
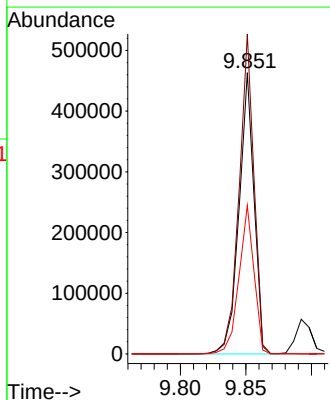
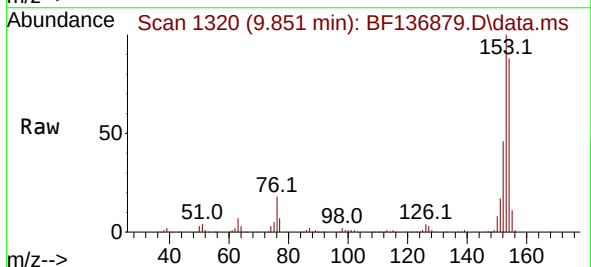
Manual Integrations
APPROVED

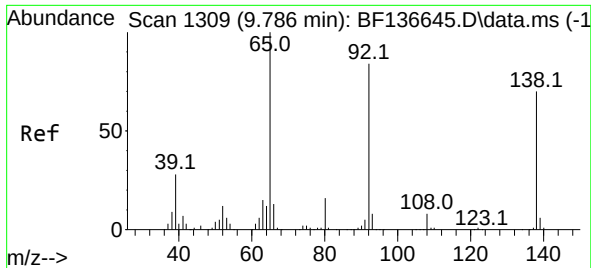
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#52
Acenaphthene
Concen: 44.669 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

Tgt Ion:154 Resp: 371207
Ion Ratio Lower Upper
154 100
153 113.8 90.7 136.1
152 52.8 43.7 65.5





#53
3-Nitroaniline
Concen: 27.934 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

Instrument :

BNA_F

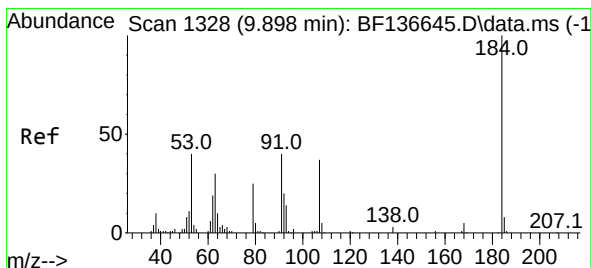
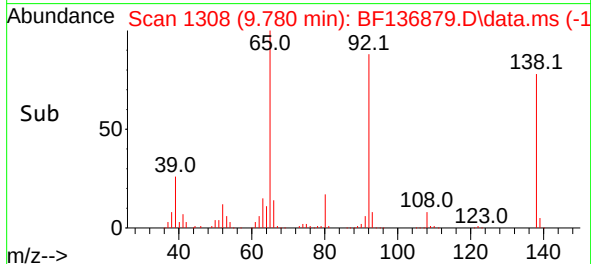
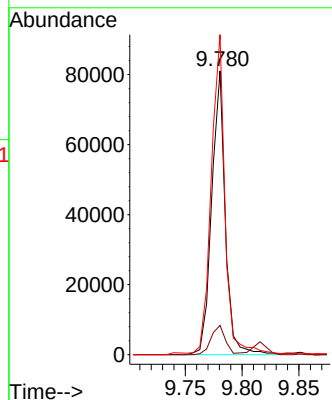
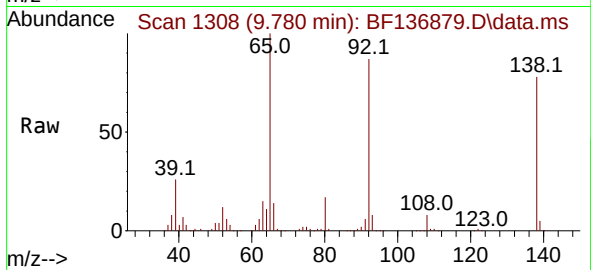
ClientSampleId :

GHL-SS-06-0-2MS

Tgt Ion:138 Resp: 6744
Ion Ratio Lower Upper
138 100
108 10.3 8.6 12.8
92 112.7 95.2 142.8

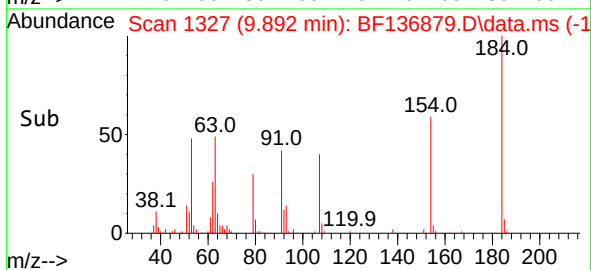
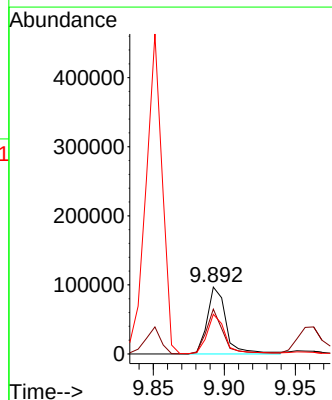
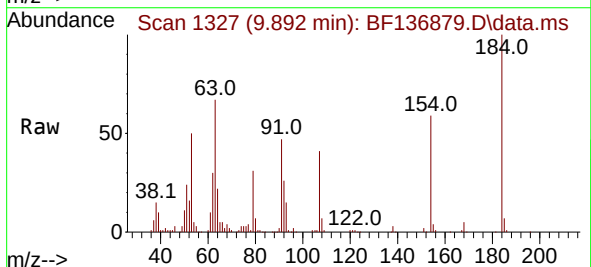
Manual Integrations
APPROVED

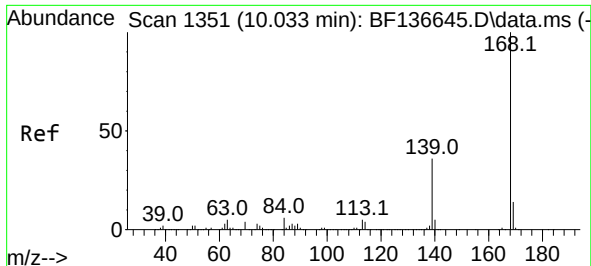
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#54
2,4-Dinitrophenol
Concen: 71.637 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

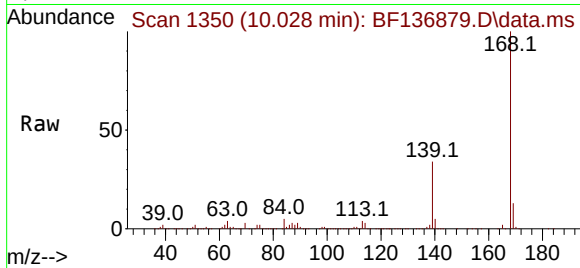
Tgt Ion:184 Resp: 89970
Ion Ratio Lower Upper
184 100
63 66.8 40.9 61.3#
154 59.2 42.7 64.1





#55
Dibenzenofuran
Concen: 45.682 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

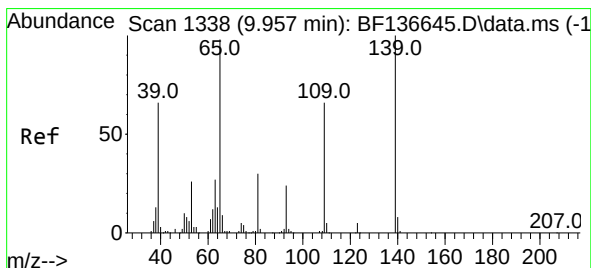
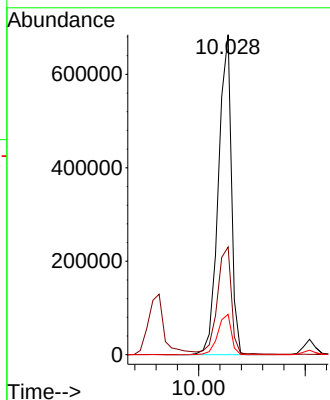
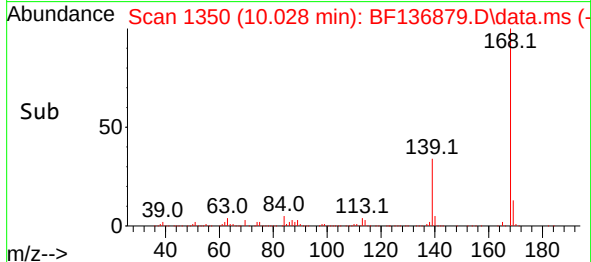
Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MS



Tgt Ion:168 Resp: 575450
Ion Ratio Lower Upper
168 100
139 33.7 29.3 43.9
169 12.6 11.0 16.4

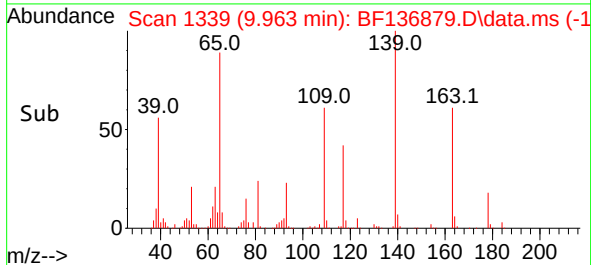
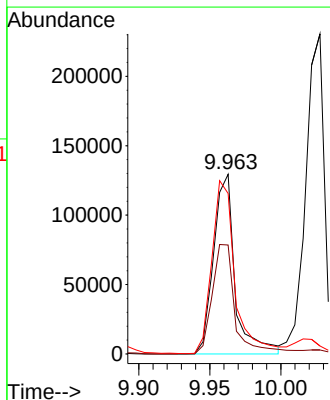
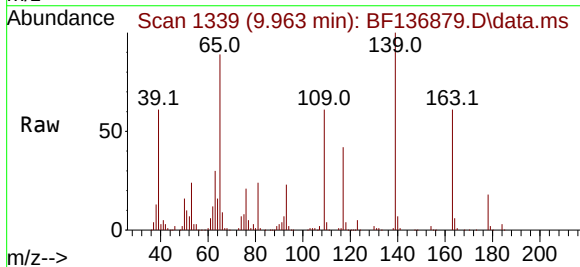
Manual Integrations
APPROVED

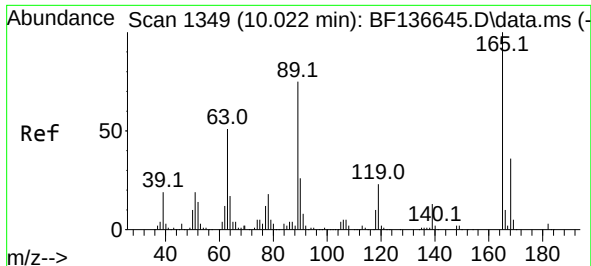
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#56
4-Nitrophenol
Concen: 83.515 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

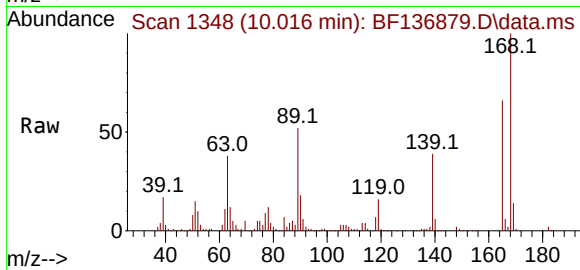
Tgt Ion:139 Resp: 136113
Ion Ratio Lower Upper
139 100
109 60.6 45.8 85.8
65 89.3 77.8 117.8





#57
2,4-Dinitrotoluene
Concen: 44.324 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

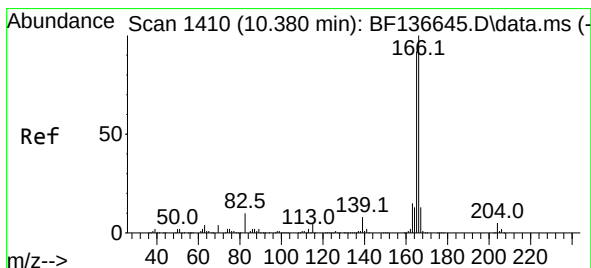
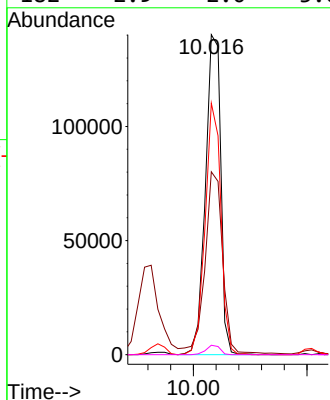
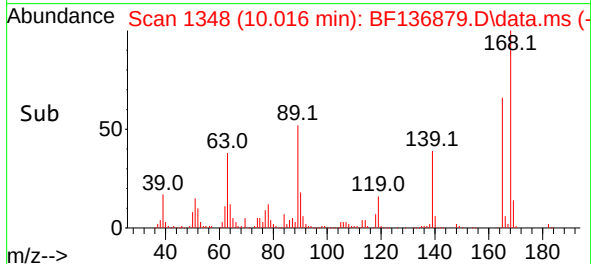
Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MS



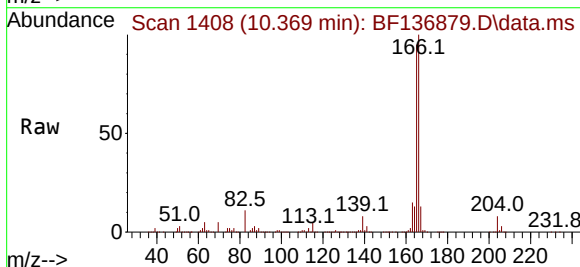
Tgt Ion:165 Resp: 13114
Ion Ratio Lower Upper
165 100
63 57.1 41.0 61.6
89 78.6 59.9 89.9
182 2.9 2.0 3.0

Manual Integrations
APPROVED

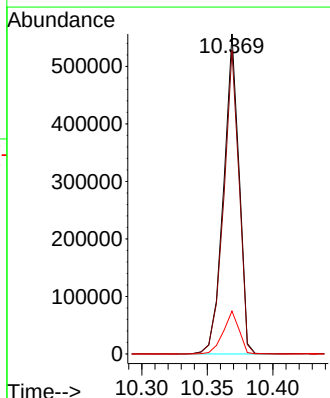
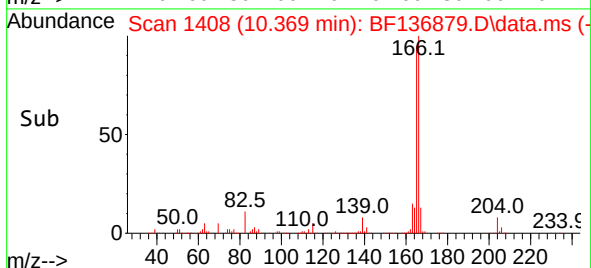
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024

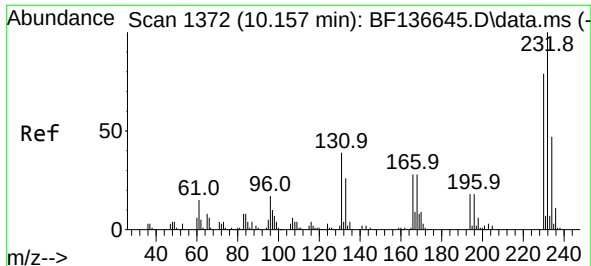


#58
Fluorene
Concen: 45.639 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23



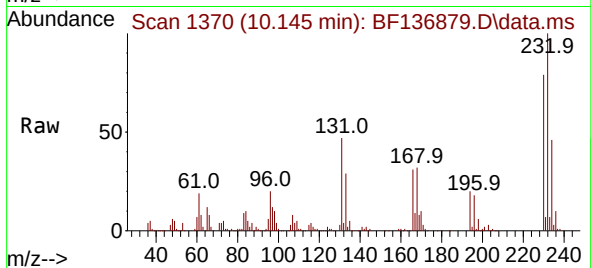
Tgt Ion:166 Resp: 456174
Ion Ratio Lower Upper
166 100
165 94.9 73.7 110.5
167 13.4 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.823 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

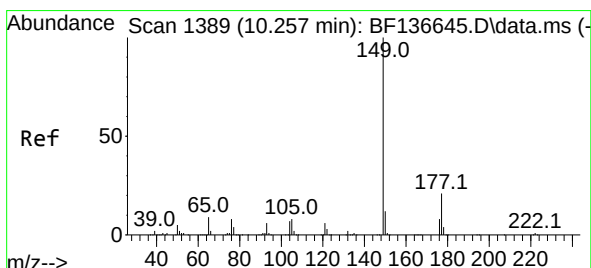
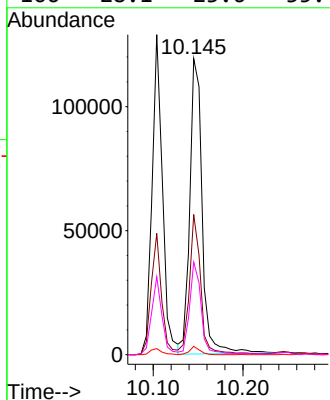
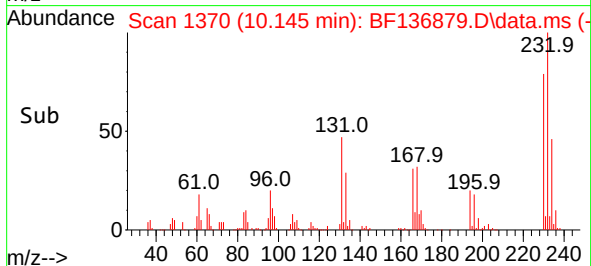
Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MS



Tgt Ion:232 Resp: 11436
Ion Ratio Lower Upper
232 100
131 41.8 35.1 52.7
130 2.3 1.6 2.4
166 28.1 23.6 35.4

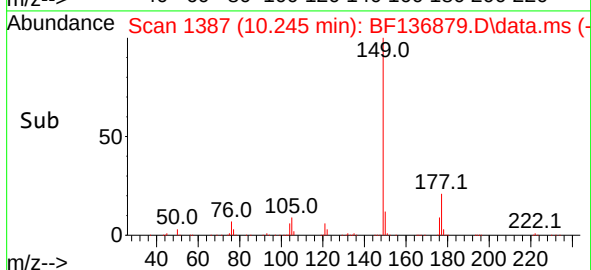
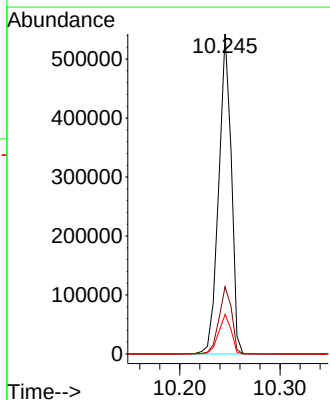
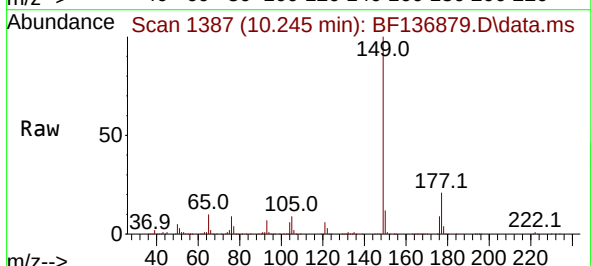
Manual Integrations
APPROVED

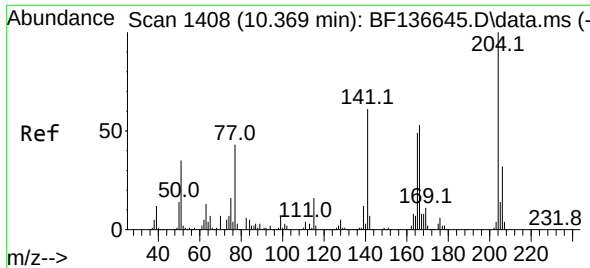
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#60
Diethylphthalate
Concen: 45.022 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

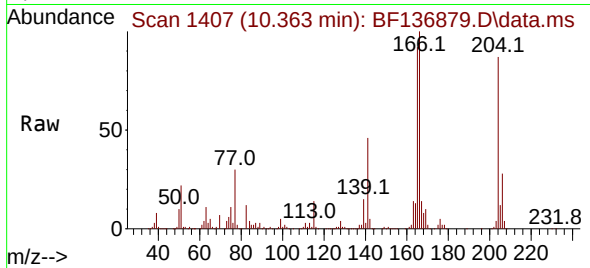
Tgt Ion:149 Resp: 469106
Ion Ratio Lower Upper
149 100
177 21.0 16.9 25.3
150 12.3 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 43.877 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

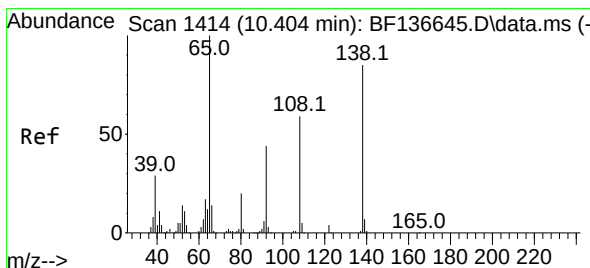
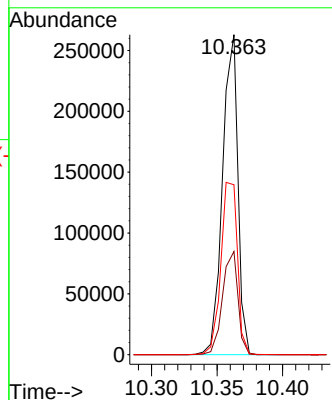
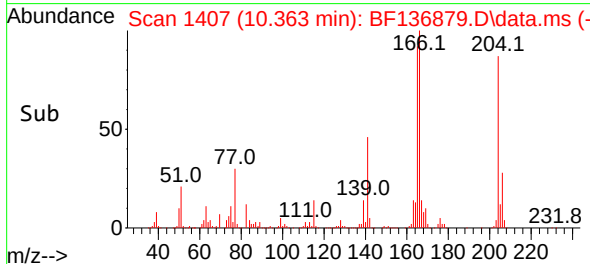
Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MS



Tgt Ion:204 Resp: 213172
Ion Ratio Lower Upper
204 100
206 32.3 25.6 38.4
141 53.1 48.4 72.6

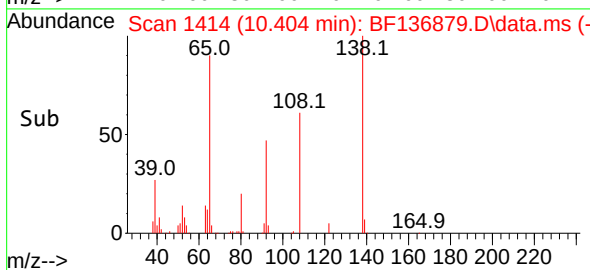
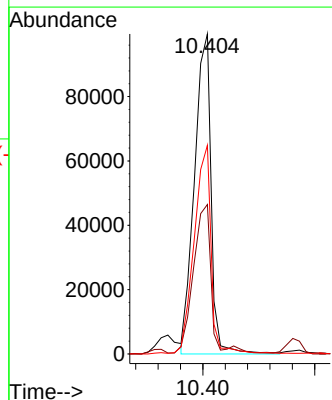
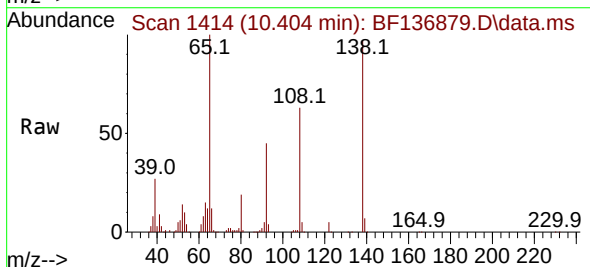
Manual Integrations
APPROVED

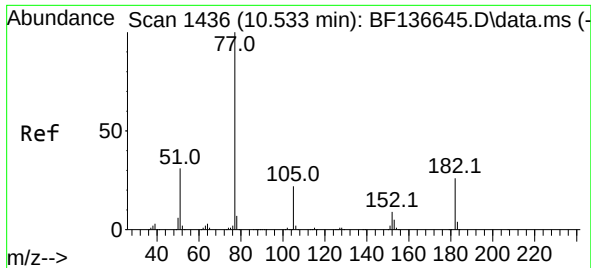
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#62
4-Nitroaniline
Concen: 44.002 ng m
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

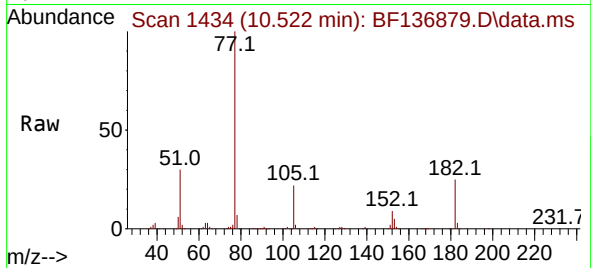
Tgt Ion:138 Resp: 102412
Ion Ratio Lower Upper
138 100
92 46.7 32.1 72.1
108 65.2 50.1 90.1





#63
Azobenzene
Concen: 45.033 ng
RT: 10.522 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

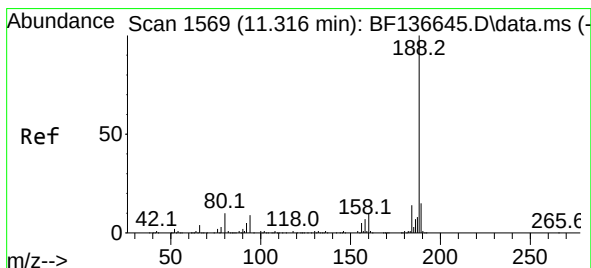
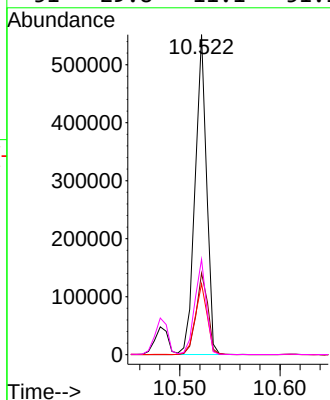
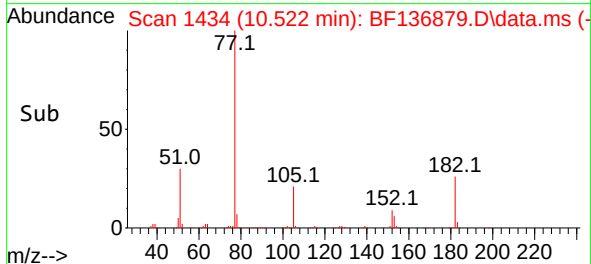
Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MS



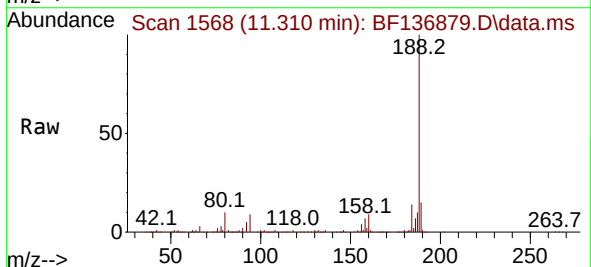
Tgt Ion: 77 Resp: 438260
Ion Ratio Lower Upper
77 100
182 25.5 6.0 46.0
105 22.1 2.3 42.3
51 29.8 11.1 51.1

Manual Integrations
APPROVED

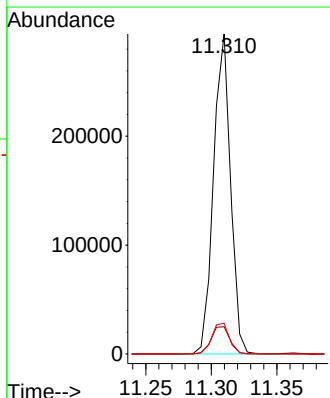
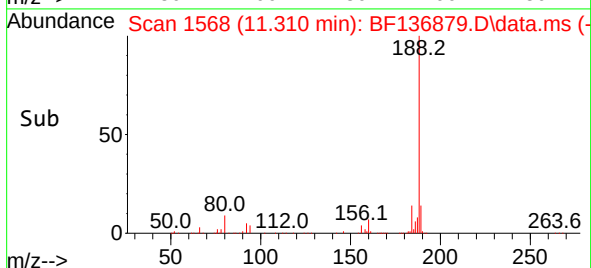
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024

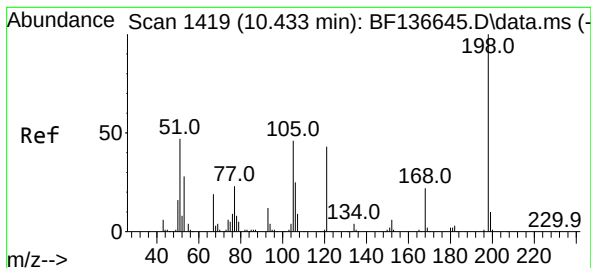


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23



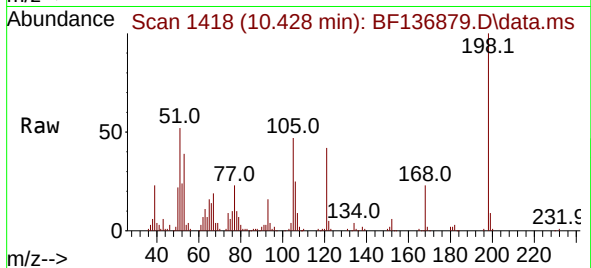
Tgt Ion:188 Resp: 264277
Ion Ratio Lower Upper
188 100
94 8.5 7.5 11.3
80 9.6 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 41.463 ng
RT: 10.428 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

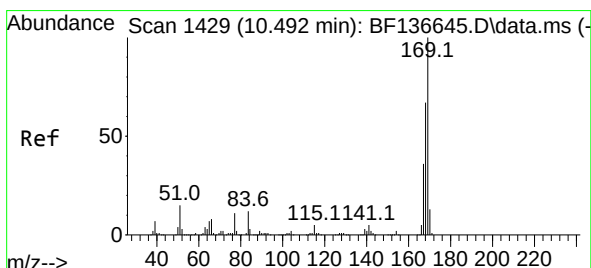
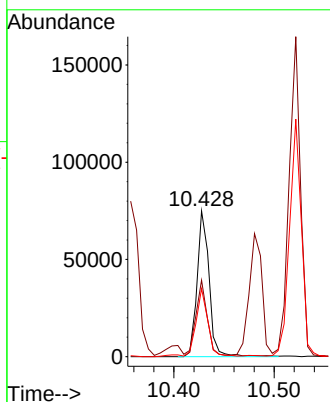
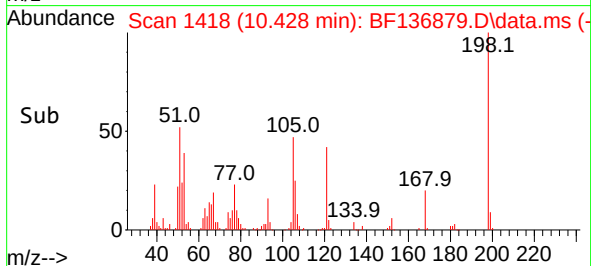
Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MS



Tgt Ion:198 Resp: 62799
Ion Ratio Lower Upper
198 100
51 52.4 34.1 74.1
105 46.7 27.3 67.3

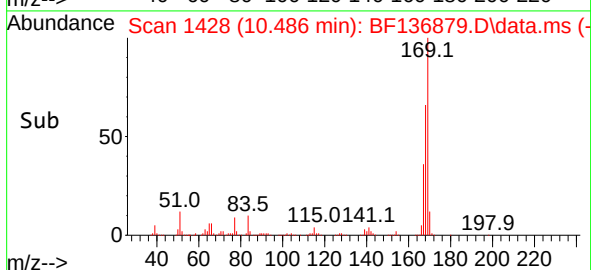
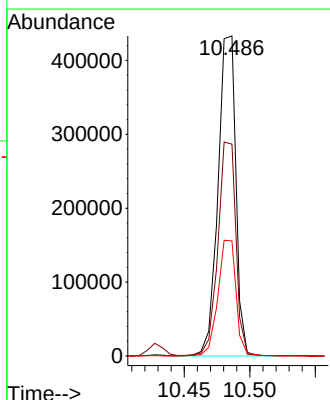
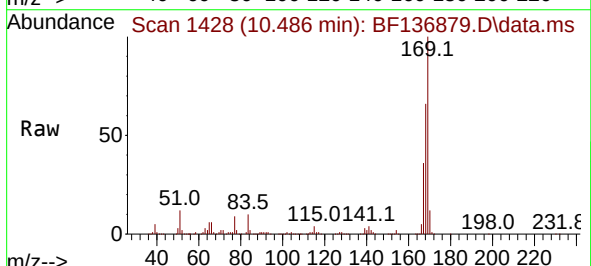
Manual Integrations
APPROVED

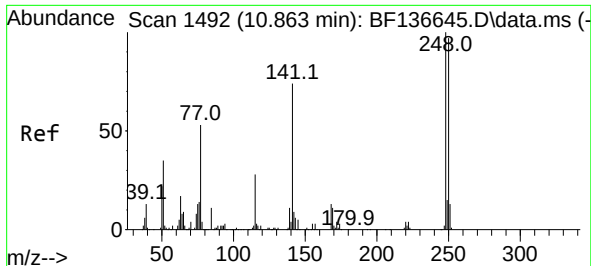
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#66
n-Nitrosodiphenylamine
Concen: 47.650 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

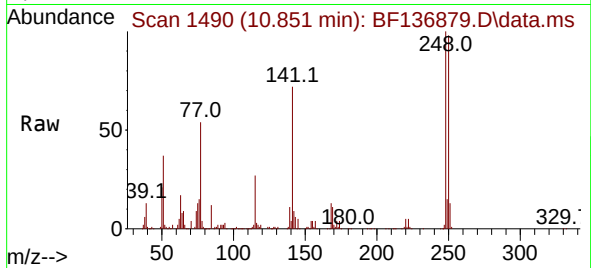
Tgt Ion:169 Resp: 409074
Ion Ratio Lower Upper
169 100
168 66.2 53.8 80.6
167 36.0 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 45.609 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

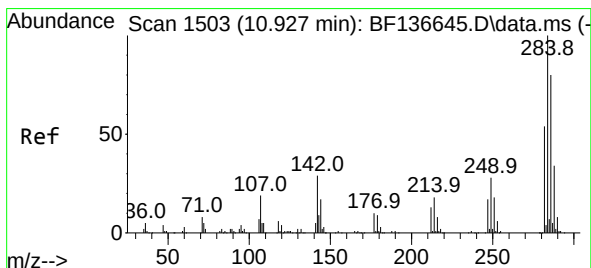
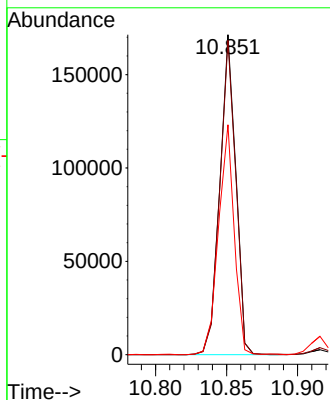
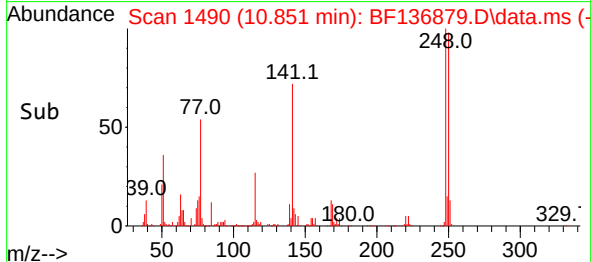
Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MS



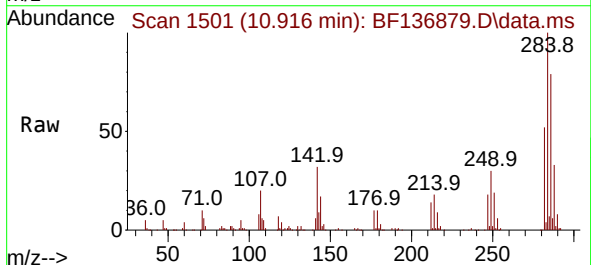
Tgt Ion:248 Resp: 13386
Ion Ratio Lower Upper
248 100
250 98.2 77.8 116.6
141 71.9 59.2 88.8

Manual Integrations
APPROVED

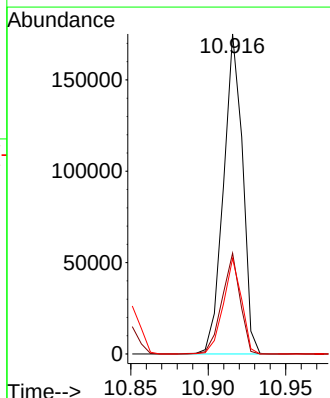
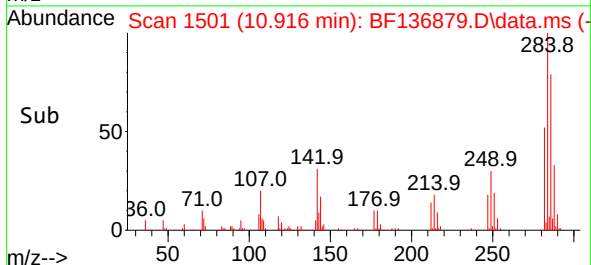
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024

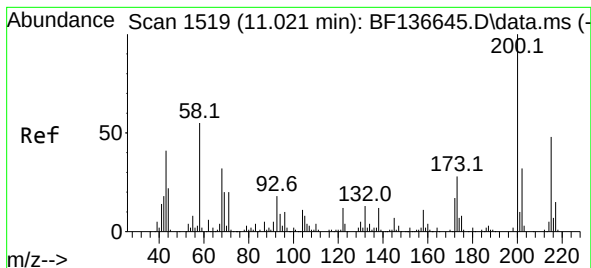


#68
Hexachlorobenzene
Concen: 45.713 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.012 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23



Tgt Ion:284 Resp: 149518
Ion Ratio Lower Upper
284 100
142 31.5 23.4 35.0
249 29.8 22.3 33.5





#69

Atrazine

Concen: 58.737 ng

RT: 11.016 min Scan# 1519

Delta R.T. -0.006 min

Lab File: BF136879.D

Acq: 02 Jan 2024 19:23

Instrument :

BNA_F

ClientSampleId :

GHL-SS-06-0-2MS

Tgt Ion:200 Resp: 12897

Ion Ratio Lower Upper

200 100

173 28.4 7.6 47.6

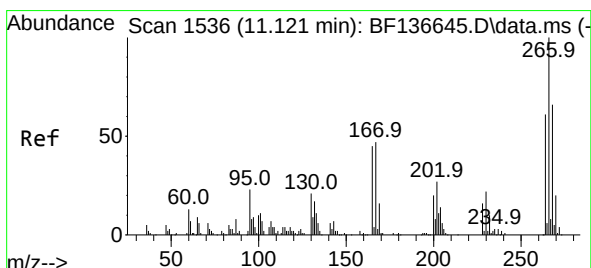
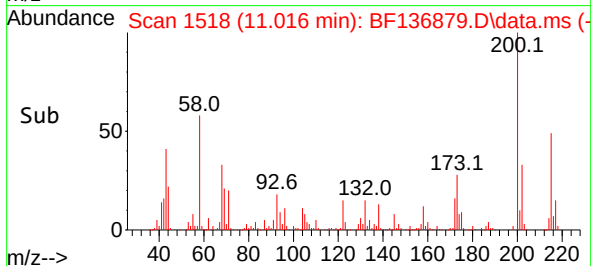
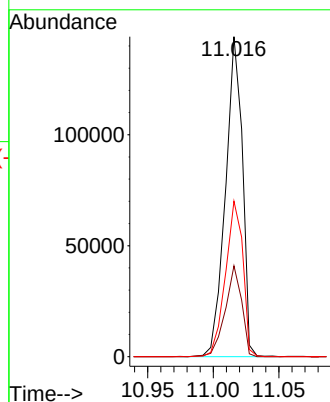
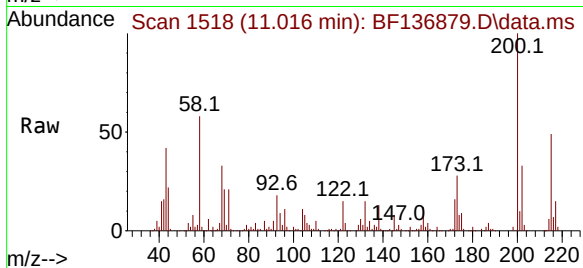
215 48.6 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#70

Pentachlorophenol

Concen: 86.261 ng

RT: 11.122 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF136879.D

Acq: 02 Jan 2024 19:23

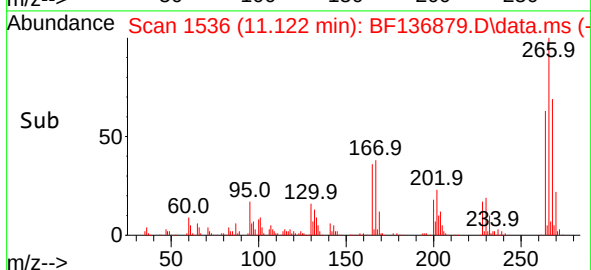
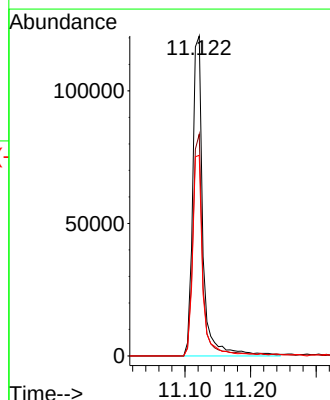
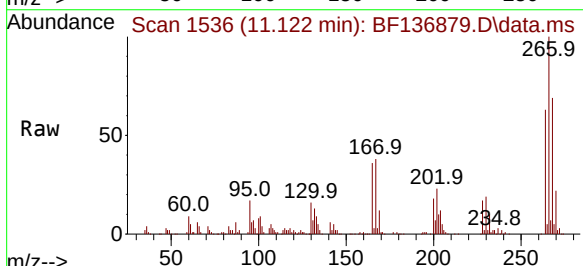
Tgt Ion:266 Resp: 131509

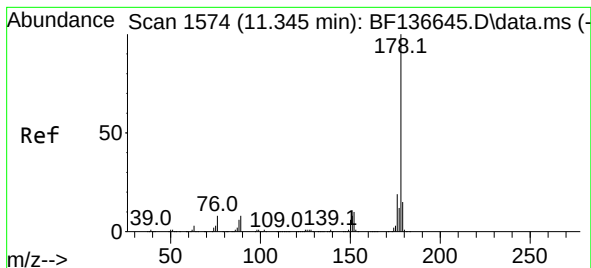
Ion Ratio Lower Upper

266 100

268 69.3 52.6 78.8

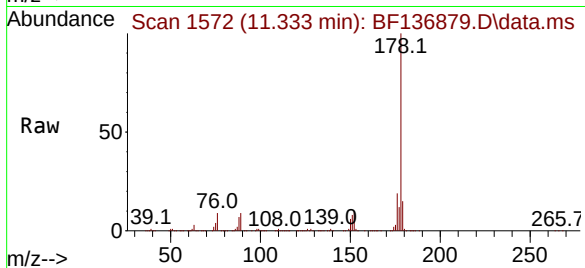
264 62.7 49.0 73.4





#71
Phenanthrene
Concen: 47.370 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

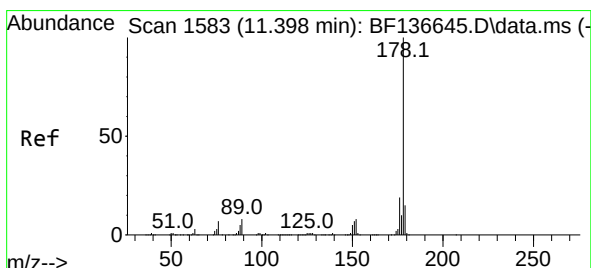
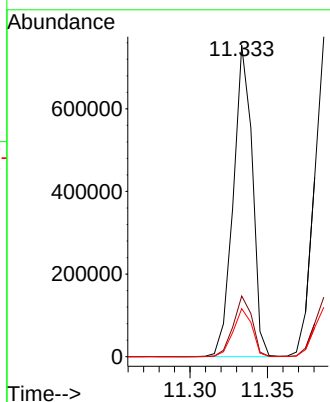
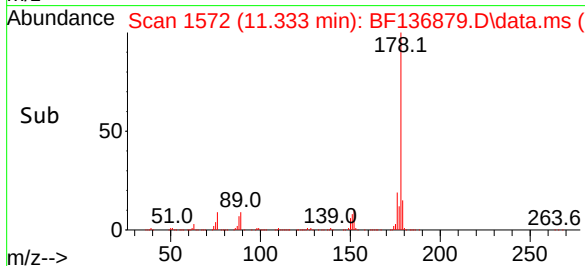
Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MS



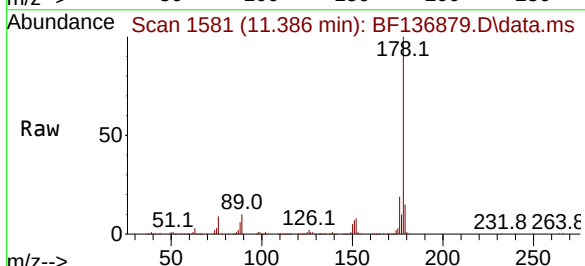
Tgt Ion:178 Resp: 642345
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.4 11.9 17.9

Manual Integrations
APPROVED

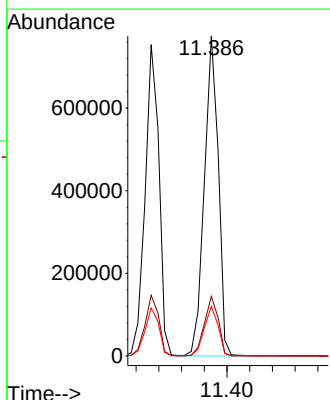
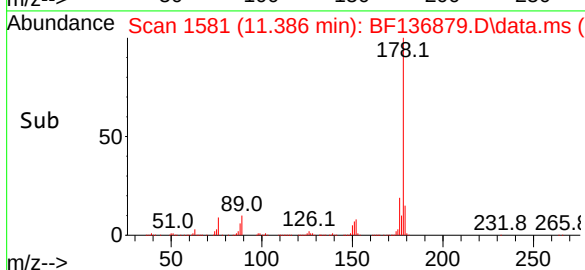
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024

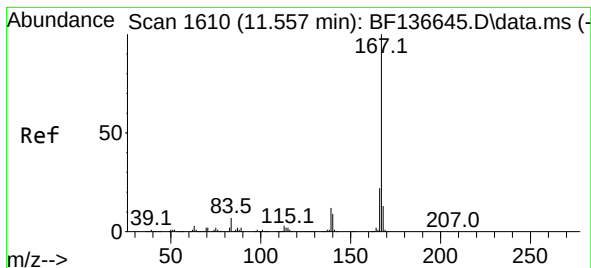


#72
Anthracene
Concen: 48.152 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23



Tgt Ion:178 Resp: 661272
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.5 11.8 17.6





#73

Carbazole

Concen: 46.470 ng

RT: 11.545 min Scan# 1608

Delta R.T. -0.012 min

Lab File: BF136879.D

Acq: 02 Jan 2024 19:23

Instrument :

BNA_F

ClientSampleId :

GHL-SS-06-0-2MS

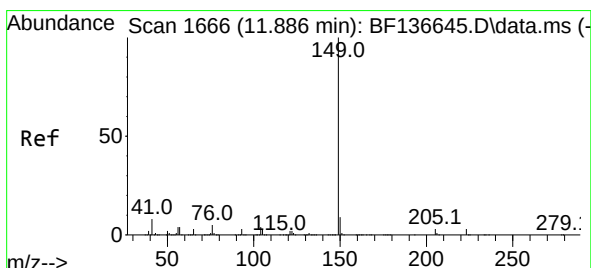
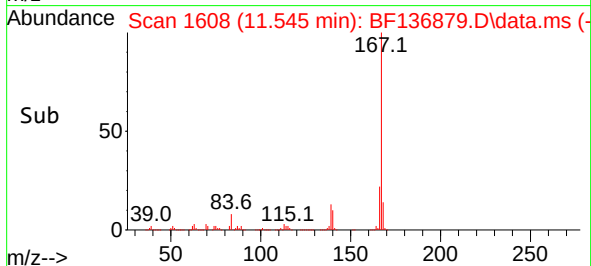
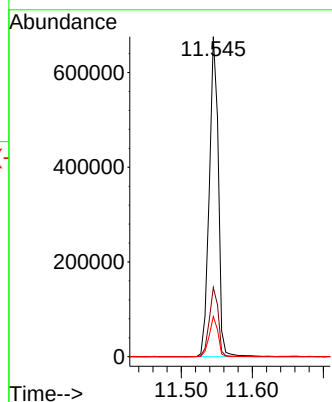
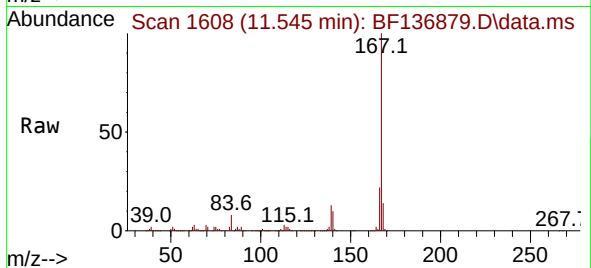
Tgt Ion:167	Resp: 60167
Ion Ratio	Lower Upper
167 100	
166 21.7	17.3 25.9
139 12.5	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#74

Di-n-butylphthalate

Concen: 47.188 ng

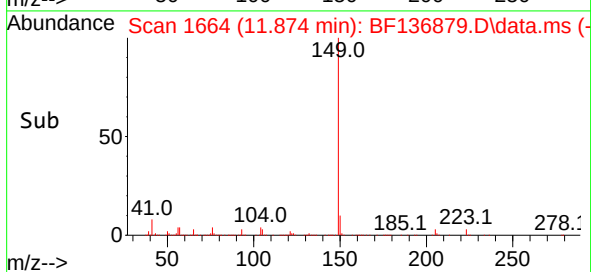
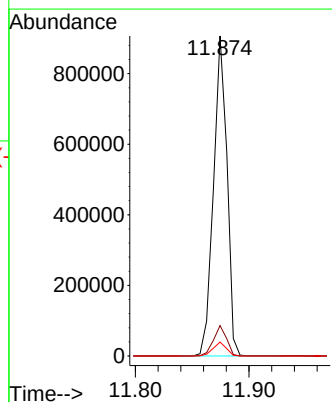
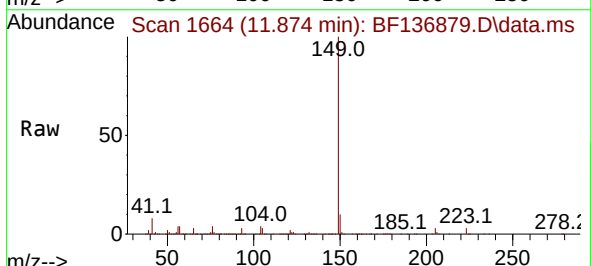
RT: 11.874 min Scan# 1664

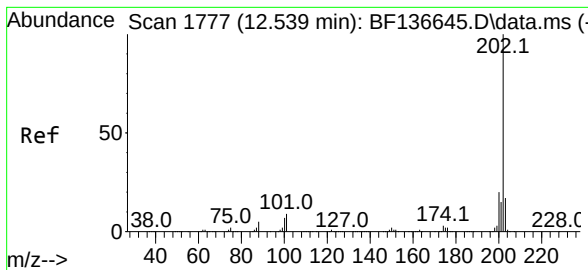
Delta R.T. -0.012 min

Lab File: BF136879.D

Acq: 02 Jan 2024 19:23

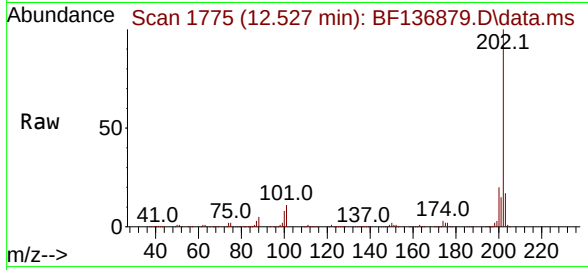
Tgt Ion:149	Resp: 745538
Ion Ratio	Lower Upper
149 100	
150 9.5	7.4 11.2
104 4.4	3.6 5.4





#75
Fluoranthene
Concen: 45.959 ng
RT: 12.527 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

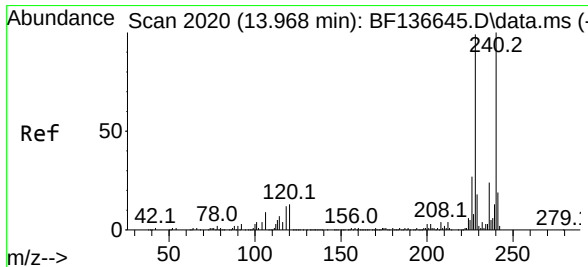
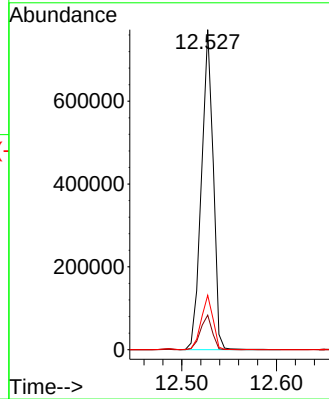
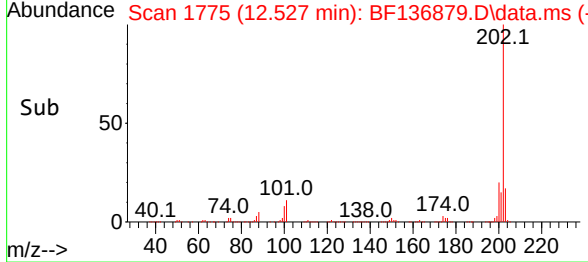
Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MS



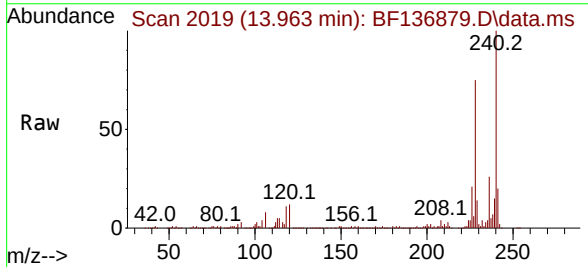
Tgt Ion:202 Resp: 66662
Ion Ratio Lower Upper
202 100
101 10.8 0.0 29.3
203 17.0 0.0 37.1

Manual Integrations
APPROVED

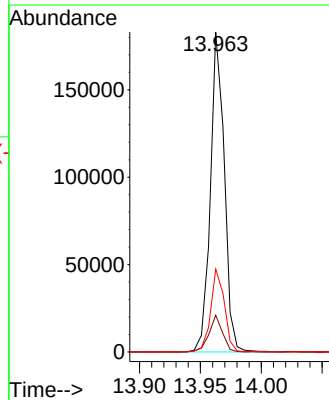
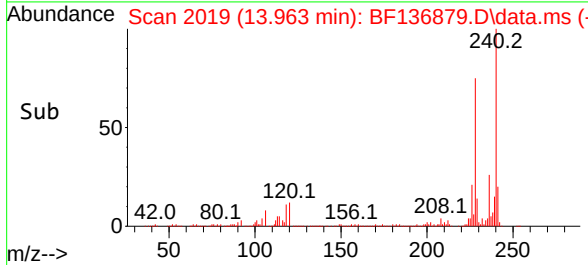
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024

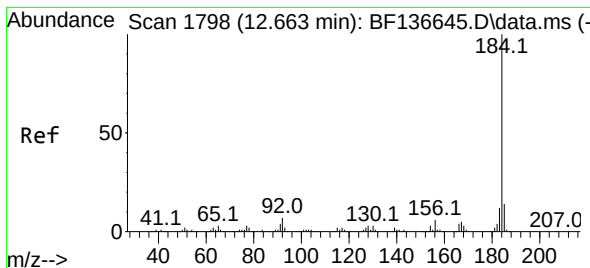


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23



Tgt Ion:240 Resp: 145204
Ion Ratio Lower Upper
240 100
120 11.5 10.3 15.5
236 25.9 19.4 29.2





#77

Benzidine

Concen: 38.820 ng

RT: 12.657 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136879.D

Acq: 02 Jan 2024 19:23

Instrument :

BNA_F

ClientSampleId :

GHL-SS-06-0-2MS

Tgt Ion:184 Resp: 166204

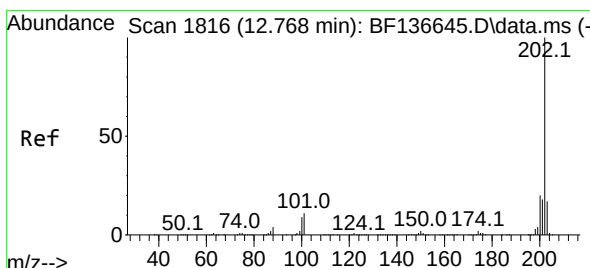
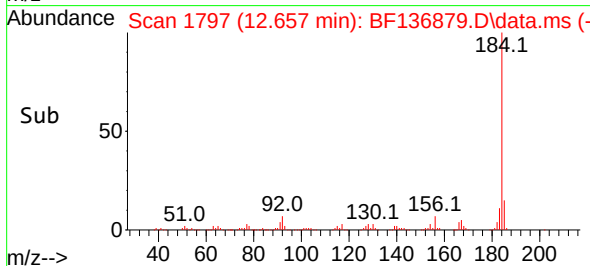
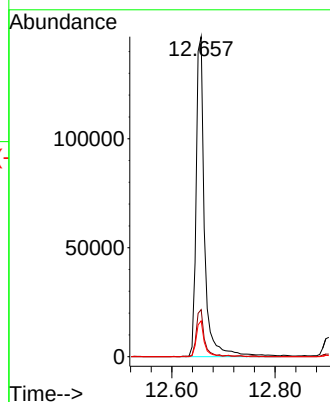
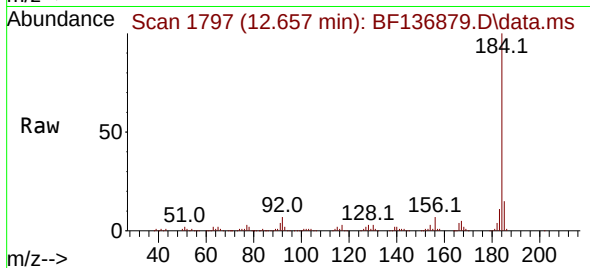
Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.2	16.8
183	11.2	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#78

Pyrene

Concen: 46.960 ng

RT: 12.757 min Scan# 1814

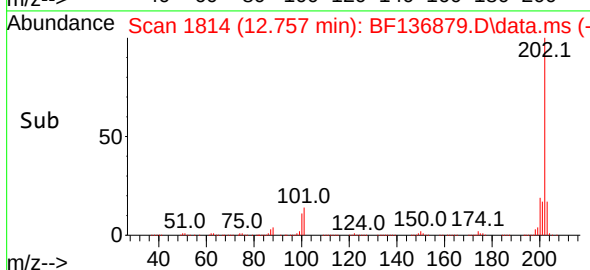
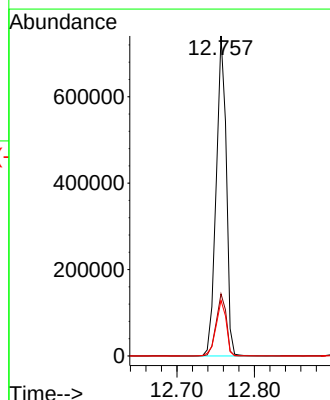
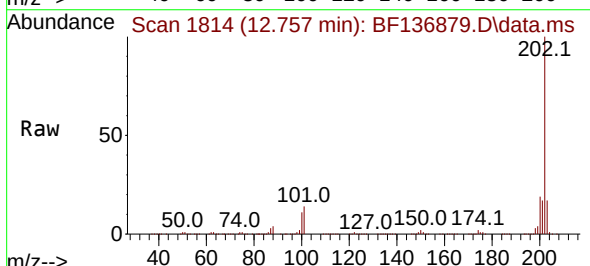
Delta R.T. -0.012 min

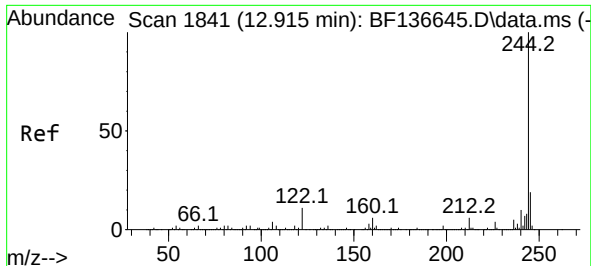
Lab File: BF136879.D

Acq: 02 Jan 2024 19:23

Tgt Ion:202 Resp: 669374

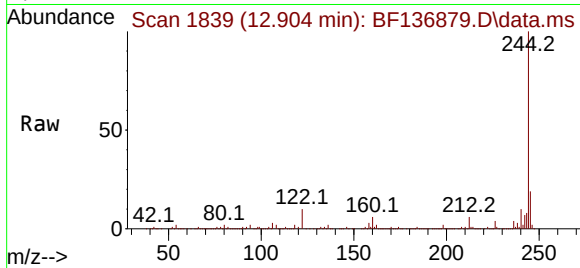
Ion	Ratio	Lower	Upper
202	100		
200	19.4	15.9	23.9
203	17.3	13.8	20.6





#79
 Terphenyl-d14
 Concen: 73.690 ng
 RT: 12.904 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF136879.D
 Acq: 02 Jan 2024 19:23

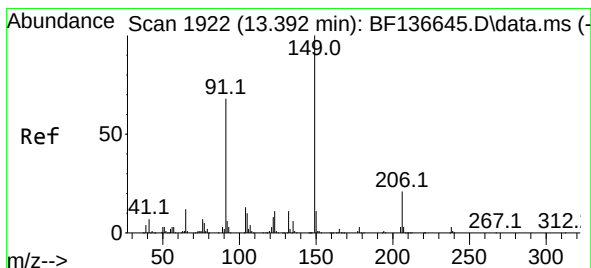
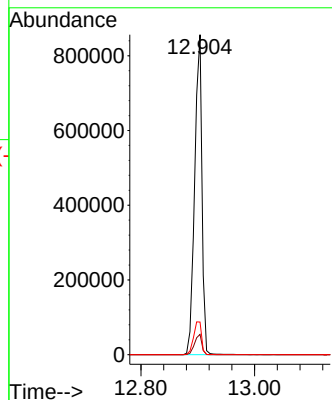
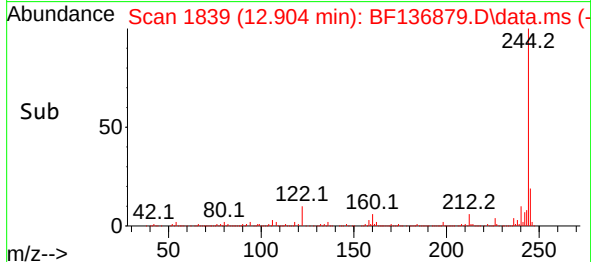
Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-06-0-2MS



Tgt Ion:244 Resp: 765679
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 10.2 9.0 13.4

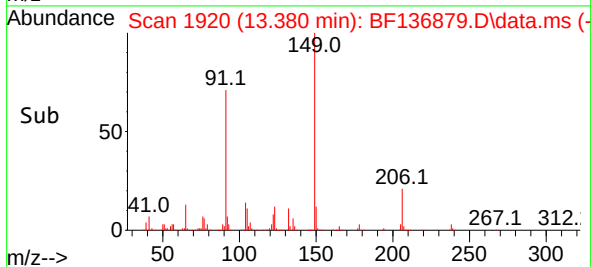
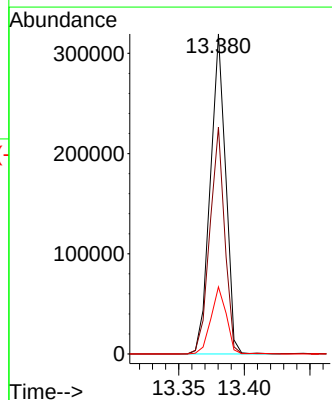
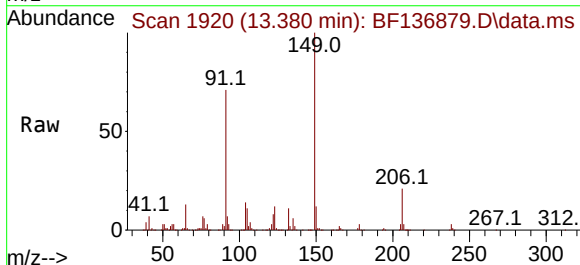
Manual Integrations
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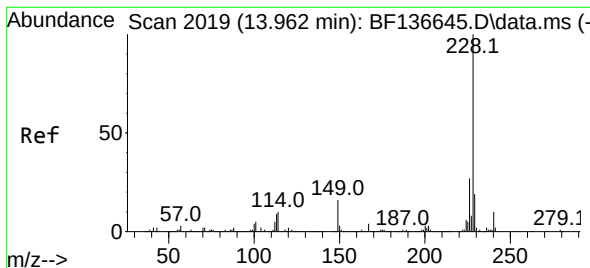
Reviewed By :Yogesh Patel 01/03/2024
 Supervised By :mohammad ahmed 01/03/2024



#80
 Butylbenzylphthalate
 Concen: 50.210 ng
 RT: 13.380 min Scan# 1920
 Delta R.T. -0.012 min
 Lab File: BF136879.D
 Acq: 02 Jan 2024 19:23

Tgt Ion:149 Resp: 260422
 Ion Ratio Lower Upper
 149 100
 91 70.9 54.1 81.1
 206 21.0 17.1 25.7





#81

Benzo(a)anthracene

Concen: 46.706 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF136879.D

Acq: 02 Jan 2024 19:23

Instrument :

BNA_F

ClientSampleId :

GHL-SS-06-0-2MS

Tgt Ion:228 Resp: 47093

Ion Ratio Lower Upper

228 100

226 26.2 21.4 32.0

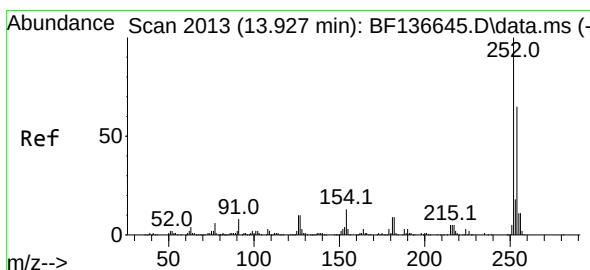
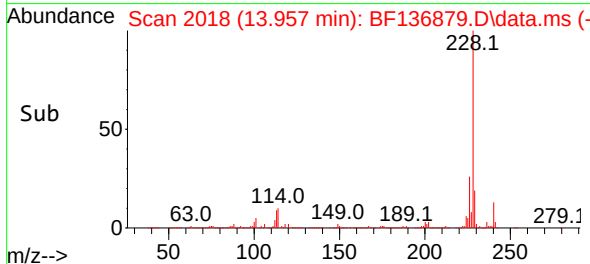
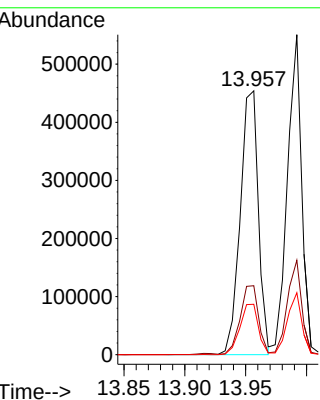
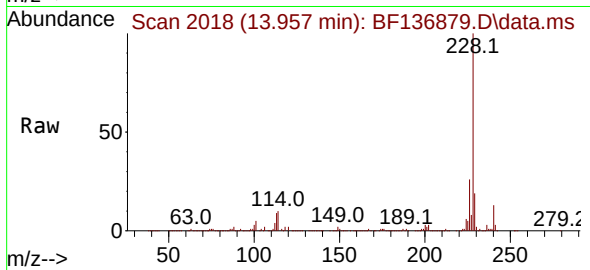
229 19.1 14.9 22.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#82

3,3'-Dichlorobenzidine

Concen: 40.067 ng

RT: 13.916 min Scan# 2011

Delta R.T. -0.012 min

Lab File: BF136879.D

Acq: 02 Jan 2024 19:23

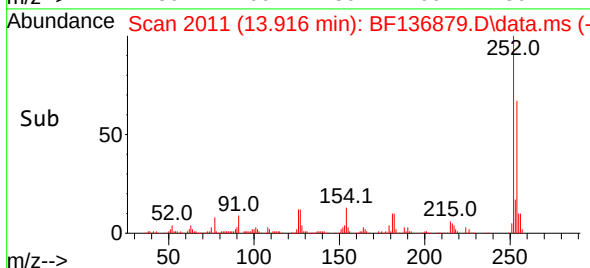
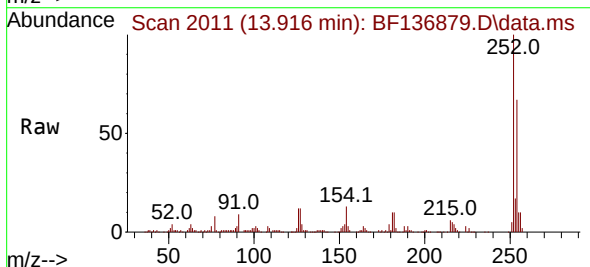
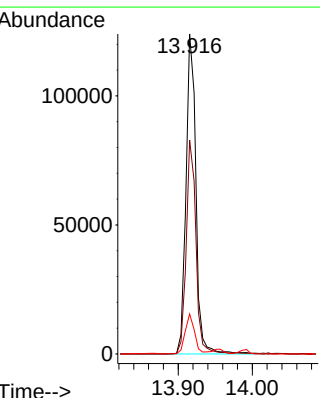
Tgt Ion:252 Resp: 114728

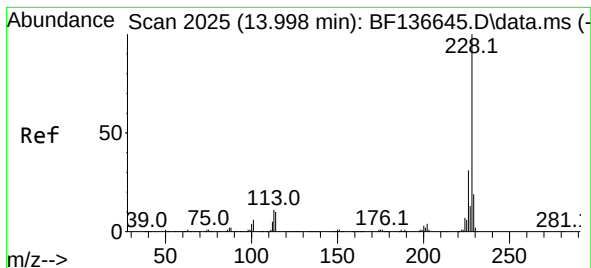
Ion Ratio Lower Upper

252 100

254 66.8 52.2 78.4

126 12.5 8.0 12.0#





#83

Chrysene

Concen: 45.807 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136879.D

Acq: 02 Jan 2024 19:23

Instrument :

BNA_F

ClientSampleId :

GHL-SS-06-0-2MS

Tgt Ion:228 Resp: 451659

Ion Ratio Lower Upper

228 100

226 29.5 24.7 37.1

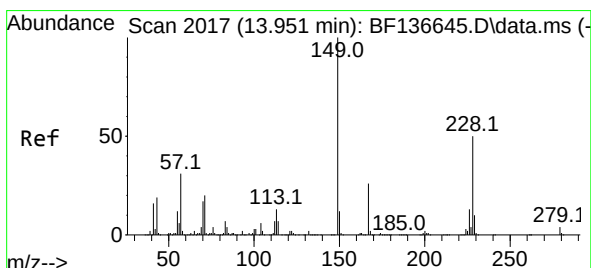
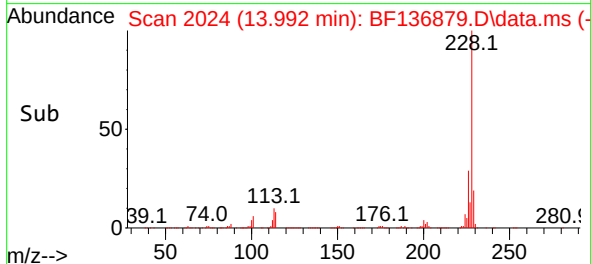
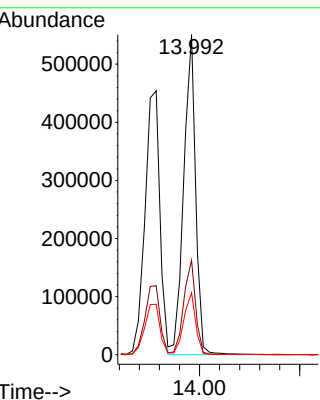
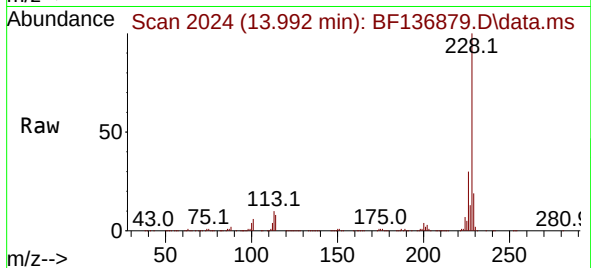
229 19.3 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.088 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136879.D

Acq: 02 Jan 2024 19:23

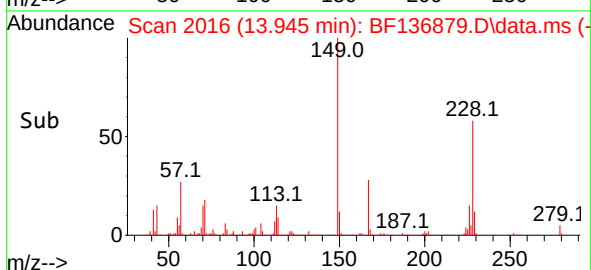
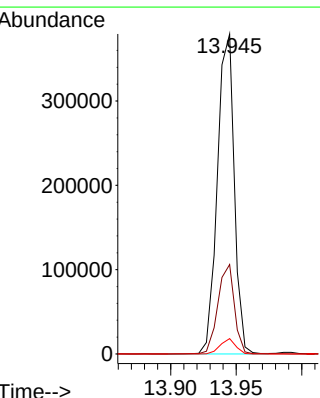
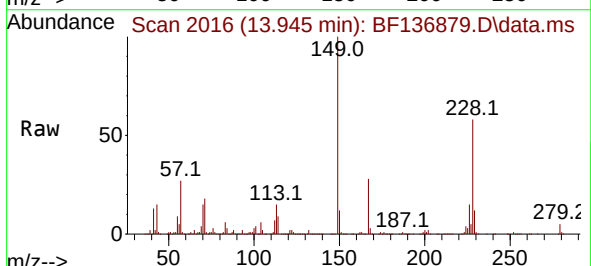
Tgt Ion:149 Resp: 339919

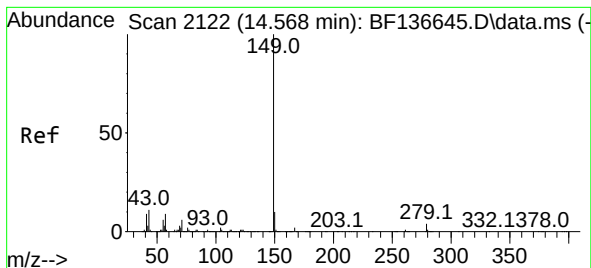
Ion Ratio Lower Upper

149 100

167 28.0 20.9 31.3

279 4.8 2.9 4.3#





#85

Di-n-octyl phthalate

Concen: 51.484 ng

RT: 14.557 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF136879.D

Acq: 02 Jan 2024 19:23

Instrument :

BNA_F

ClientSampleId :

GHL-SS-06-0-2MS

Tgt Ion:149 Resp: 51970

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

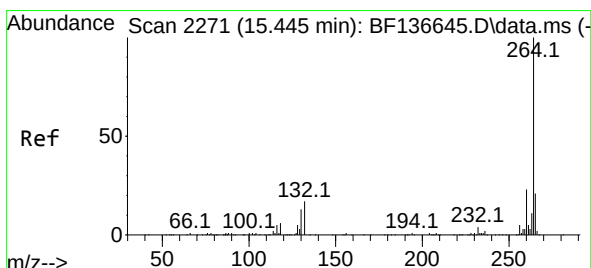
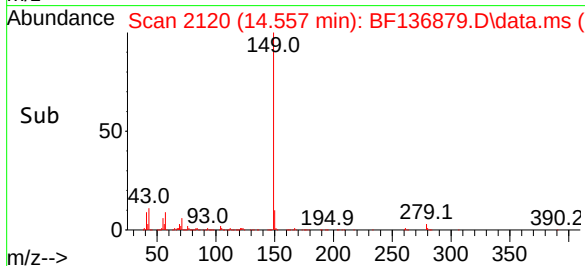
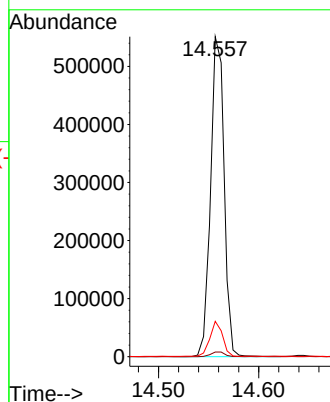
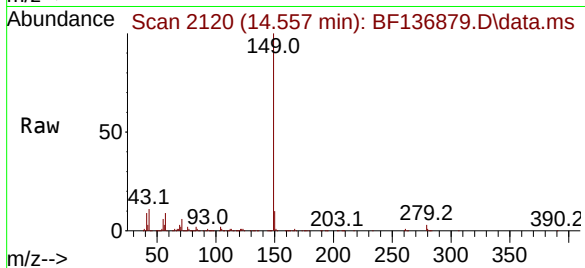
43 10.4 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2270

Delta R.T. -0.006 min

Lab File: BF136879.D

Acq: 02 Jan 2024 19:23

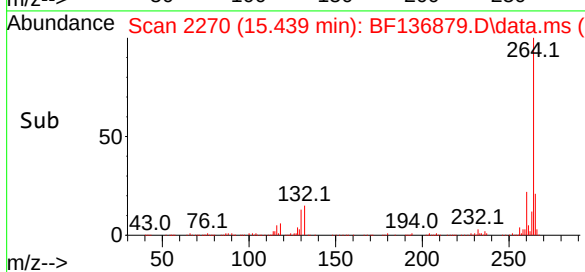
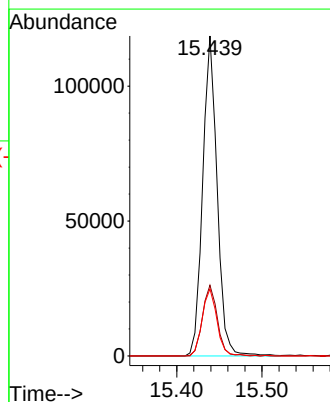
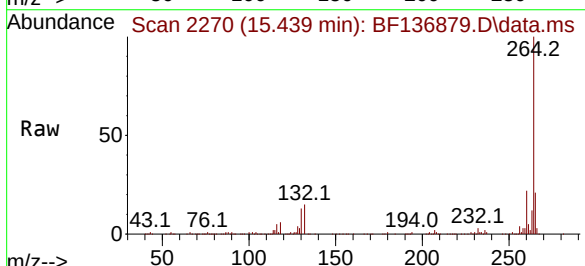
Tgt Ion:264 Resp: 139451

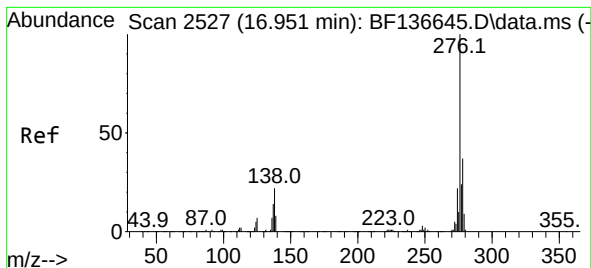
Ion Ratio Lower Upper

264 100

260 22.1 18.3 27.5

265 20.9 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.916 ng

RT: 16.951 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF136879.D

Acq: 02 Jan 2024 19:23

Instrument :

BNA_F

ClientSampleId :

GHL-SS-06-0-2MS

Tgt Ion:276 Resp: 482449

Ion Ratio Lower Upper

276 100

138 23.9 18.7 28.1

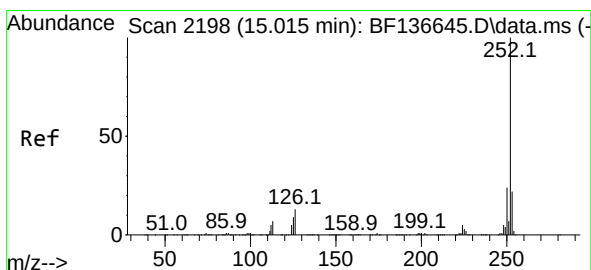
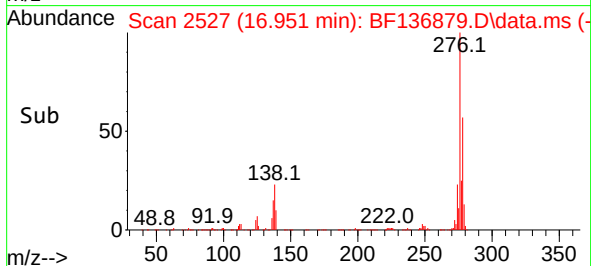
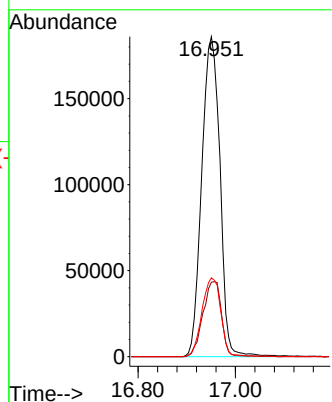
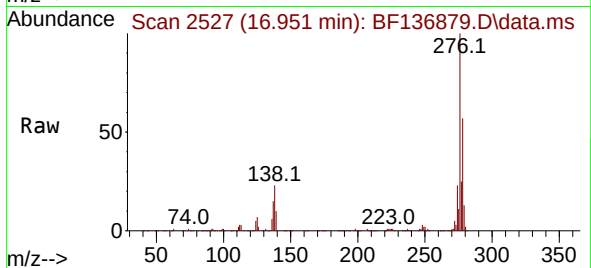
277 25.3 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#88

Benzo(b)fluoranthene

Concen: 44.582 ng

RT: 15.010 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF136879.D

Acq: 02 Jan 2024 19:23

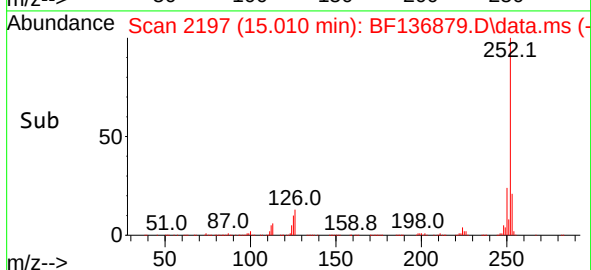
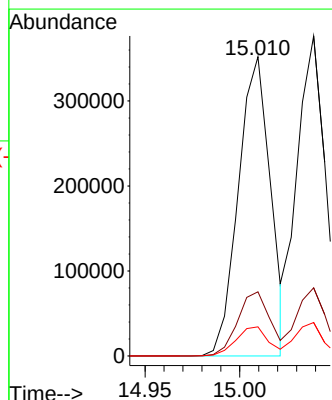
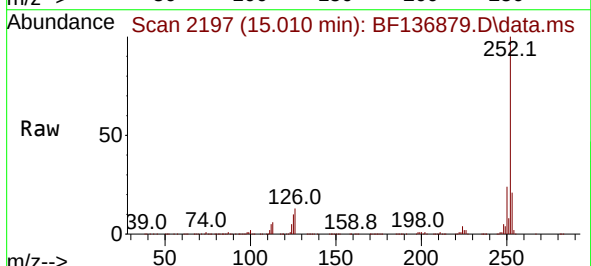
Tgt Ion:252 Resp: 415243

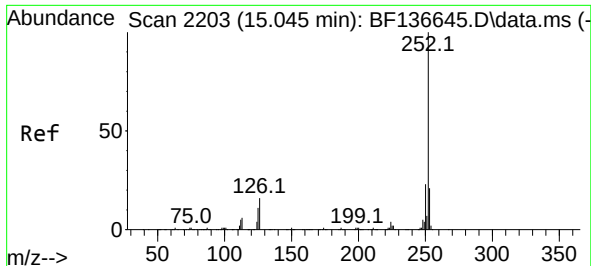
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

125 9.7 7.4 11.2





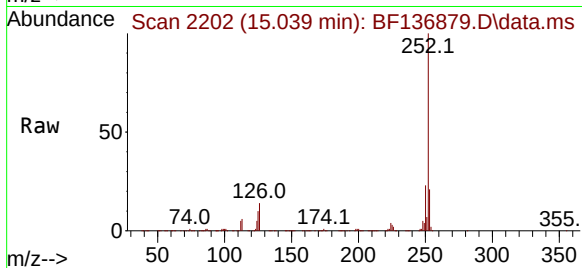
#89
Benzo(k)fluoranthene
Concen: 44.421 ng
RT: 15.039 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

Instrument :

BNA_F

ClientSampleId :

GHL-SS-06-0-2MS

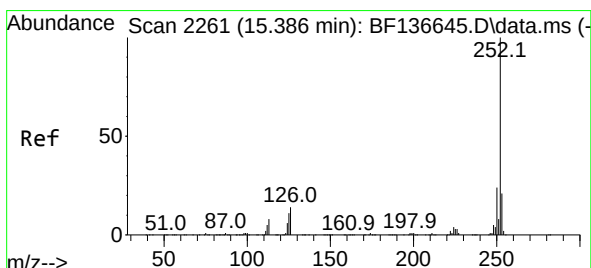
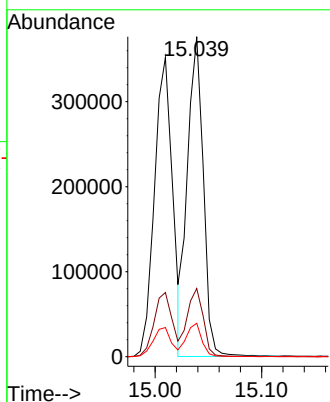
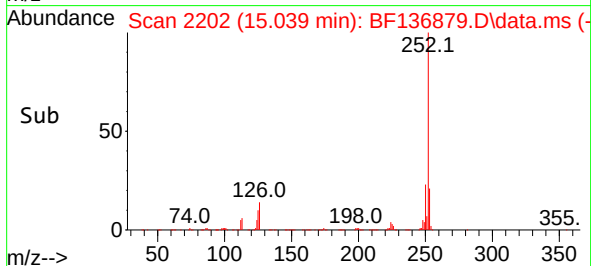


Tgt Ion:252 Resp: 390945
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.6
125 10.5 8.2 12.4

Manual Integrations

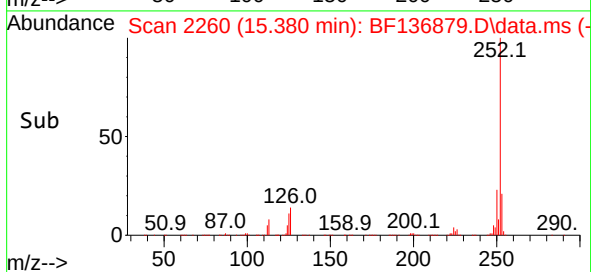
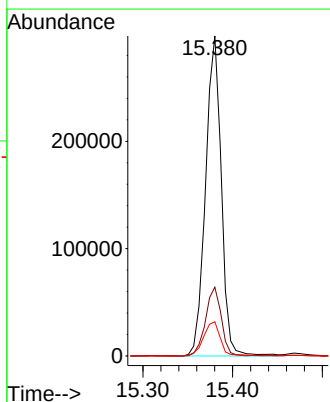
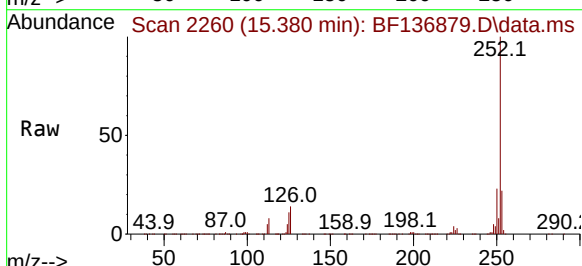
APPROVED

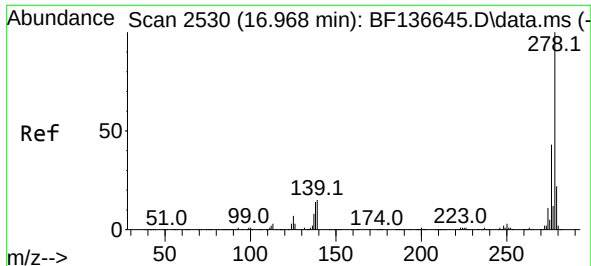
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#90
Benzo(a)pyrene
Concen: 46.163 ng
RT: 15.380 min Scan# 2260
Delta R.T. -0.006 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

Tgt Ion:252 Resp: 362938
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 10.7 8.8 13.2





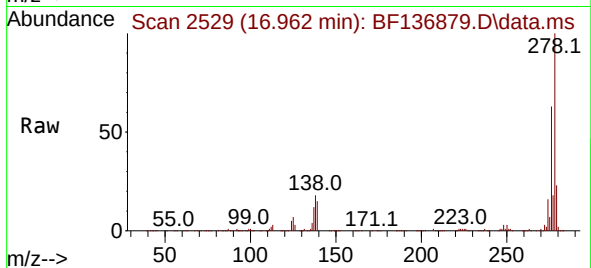
#91
Dibenzo(a,h)anthracene
Concen: 48.640 ng
RT: 16.962 min Scan# 2530
Delta R.T. -0.006 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

Instrument :

BNA_F

ClientSampleId :

GHL-SS-06-0-2MS



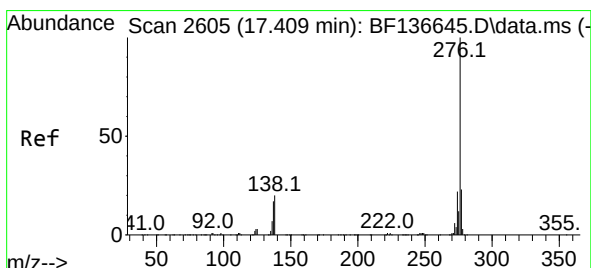
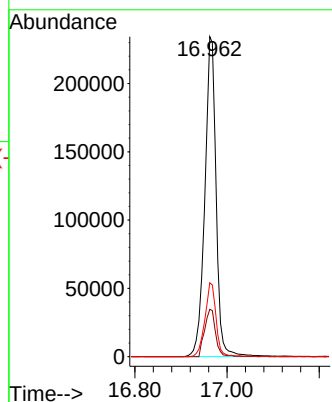
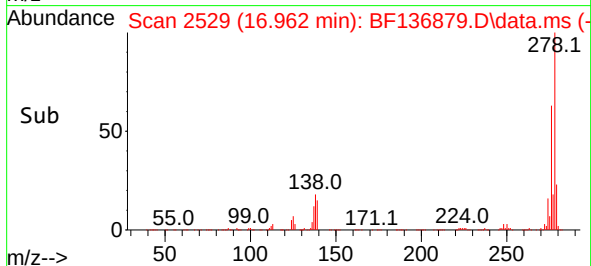
Tgt Ion:278 Resp: 40178
Ion Ratio Lower Upper
278 100
139 14.8 12.2 18.4
279 23.1 17.8 26.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#92
Benzo(g,h,i)perylene
Concen: 46.086 ng
RT: 17.404 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF136879.D
Acq: 02 Jan 2024 19:23

Tgt Ion:276 Resp: 389901
Ion Ratio Lower Upper
276 100
277 23.3 18.3 27.5
138 21.9 15.6 23.4

