

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
 Data File : BF136880.D
 Acq On : 02 Jan 2024 19:55
 Operator : CG\JU
 Sample : 05899-17MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Jan 03 02:03:27 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	76287	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	293709	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	152592	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	291768	20.000	ng	0.00
76) Chrysene-d12	13.963	240	161124	20.000	ng	0.00
86) Perylene-d12	15.439	264	154078	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	466050	95.320	ng	0.00
7) Phenol-d6	6.434	99	587884	92.794	ng	0.00
23) Nitrobenzene-d5	7.345	82	367486	64.025	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	173953	96.796	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	728228	64.188	ng	-0.01
79) Terphenyl-d14	12.904	244	776115	67.314	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.640	88	80986	39.754	ng	96
3) Pyridine	3.393	79	190729	38.372	ng	93
4) n-Nitrosodimethylamine	3.363	42	106735	40.212	ng	98
6) Aniline	6.446	93	219967	34.727	ng	# 1
8) 2-Chlorophenol	6.569	128	229257	42.848	ng	96
9) Benzaldehyde	6.334	77	50189	13.928	ng	95
10) Phenol	6.446	94	279174	41.279	ng	96
11) bis(2-Chloroethyl)ether	6.522	93	212864	41.387	ng	98
12) 1,3-Dichlorobenzene	6.722	146	231623	39.683	ng	97
13) 1,4-Dichlorobenzene	6.798	146	236818	39.708	ng	97
14) 1,2-Dichlorobenzene	6.945	146	225074	40.557	ng	99
15) Benzyl Alcohol	6.928	79	183231	42.870	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	333299	39.637	ng	94
17) 2-Methylphenol	7.045	107	178839	40.347	ng	97
18) Hexachloroethane	7.287	117	84765	39.136	ng	93
19) n-Nitroso-di-n-propyla...	7.198	70	150898	39.292	ng	97
20) 3+4-Methylphenols	7.198	107	221962	40.082	ng	# 71
22) Acetophenone	7.192	105	311747	42.347	ng	94
24) Nitrobenzene	7.363	77	231842	40.322	ng	98
25) Isophorone	7.604	82	420565	40.268	ng	99
26) 2-Nitrophenol	7.681	139	119798	43.548	ng	99
27) 2,4-Dimethylphenol	7.722	122	174141	51.997	ng	96
28) bis(2-Chloroethoxy)met...	7.810	93	259536	40.882	ng	100
29) 2,4-Dichlorophenol	7.922	162	183261	42.503	ng	98
30) 1,2,4-Trichlorobenzene	7.998	180	194460	40.479	ng	98
31) Naphthalene	8.081	128	658065	40.783	ng	100
32) Benzoic acid	7.869	122	135740	41.889	ng	97
33) 4-Chloroaniline	8.134	127	67332	11.302	ng	98
34) Hexachlorobutadiene	8.192	225	112303	38.477	ng	99
35) Caprolactam	8.516	113	61690m	43.371	ng	
36) 4-Chloro-3-methylphenol	8.634	107	203380	41.900	ng	99
37) 2-Methylnaphthalene	8.775	142	418599	40.310	ng	99
38) 1-Methylnaphthalene	8.875	142	396073	38.877	ng	98
40) 1,2,4,5-Tetrachloroben...	8.939	216	207219	43.849	ng	100
41) Hexachlorocyclopentadiene	8.922	237	145077	95.287	ng	100
43) 2,4,6-Trichlorophenol	9.057	196	127496	42.068	ng	94

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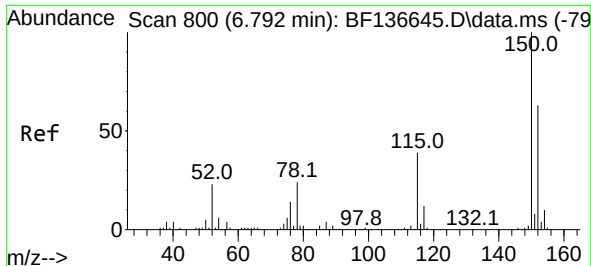
Quant Time: Jan 03 02:03:27 2024
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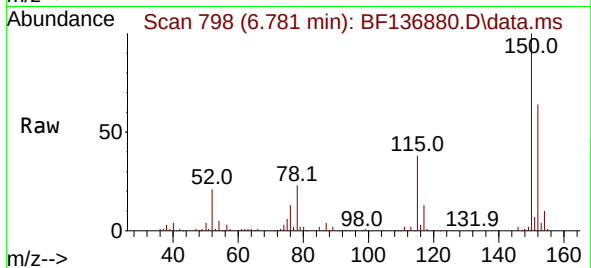
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	138248	40.935	ng	97
46) 1,1'-Biphenyl	9.239	154	546019	42.642	ng	99
47) 2-Chloronaphthalene	9.263	162	396270	40.708	ng	99
48) 2-Nitroaniline	9.369	65	125417	41.143	ng	91
49) Acenaphthylene	9.681	152	661004	44.426	ng	99
50) Dimethylphthalate	9.545	163	466278	41.835	ng	99
51) 2,6-Dinitrotoluene	9.610	165	102319	40.450	ng	90
52) Acenaphthene	9.851	154	376348	40.805	ng	97
53) 3-Nitroaniline	9.781	138	69186	25.820	ng	91
54) 2,4-Dinitrophenol	9.892	184	89466	64.572	ng	# 87
55) Dibenzofuran	10.028	168	572270	40.932	ng	97
56) 4-Nitrophenol	9.963	139	138559	76.600	ng	94
57) 2,4-Dinitrotoluene	10.022	165	129989	39.585	ng	96
58) Fluorene	10.369	166	457240	41.217	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	114501	44.043	ng	95
60) Diethylphthalate	10.245	149	467500	40.426	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	218329	40.490	ng	94
62) 4-Nitroaniline	10.404	138	99852m	38.655	ng	
63) Azobenzene	10.522	77	434619	40.238	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	63236	37.818	ng	99
66) n-Nitrosodiphenylamine	10.486	169	408909	43.143	ng	98
67) 4-Bromophenyl-phenylether	10.851	248	133086	41.072	ng	99
68) Hexachlorobenzene	10.916	284	148928	41.243	ng	96
69) Atrazine	11.016	200	130774	53.946	ng	99
70) Pentachlorophenol	11.122	266	130980	77.819	ng	100
71) Phenanthrene	11.333	178	648671	43.329	ng	99
72) Anthracene	11.386	178	659811	43.519	ng	99
73) Carbazole	11.545	167	610580	42.714	ng	100
74) Di-n-butylphthalate	11.875	149	740170	42.434	ng	100
75) Fluoranthene	12.527	202	668740	41.761	ng	98
77) Benzidine	12.657	184	173621	36.545	ng	99
78) Pyrene	12.757	202	665678	42.086	ng	100
80) Butylbenzylphthalate	13.380	149	259364	45.065	ng	96
81) Benzo(a)anthracene	13.951	228	478350	42.755	ng	98
82) 3,3'-Dichlorobenzidine	13.916	252	119760	37.691	ng	98
83) Chrysene	13.992	228	457911	41.853	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	342256	47.264	ng	# 96
85) Di-n-octyl phthalate	14.557	149	520605	46.477	ng	98
87) Indeno(1,2,3-cd)pyrene	16.951	276	481421	43.275	ng	100
88) Benzo(b)fluoranthene	15.010	252	407657	39.613	ng	99
89) Benzo(k)fluoranthene	15.039	252	398063	40.936	ng	99
90) Benzo(a)pyrene	15.380	252	361770	41.646	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	403000	44.156	ng	98
92) Benzo(g,h,i)perylene	17.409	276	392708	42.011	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

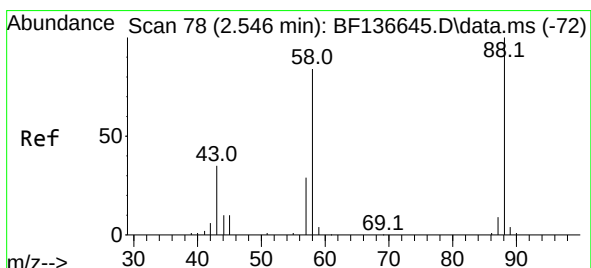
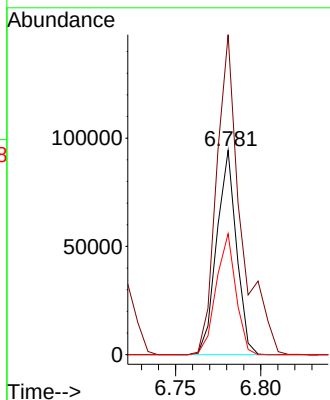
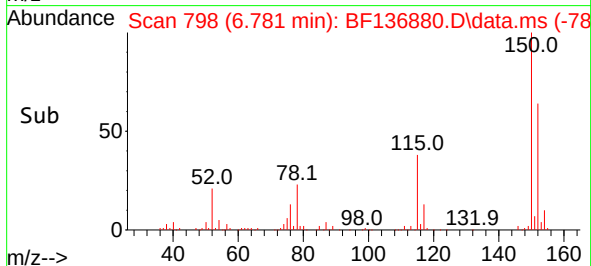
Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MSD



Tgt Ion:152 Resp: 7628
Ion Ratio Lower Upper
152 100
150 156.6 127.0 190.6
115 59.2 49.0 73.4

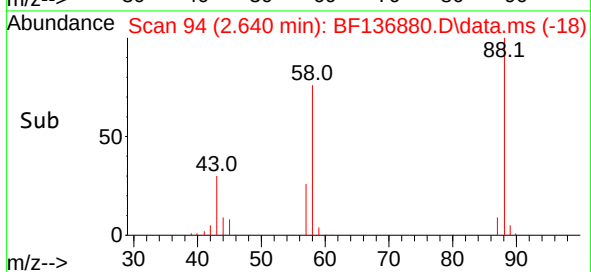
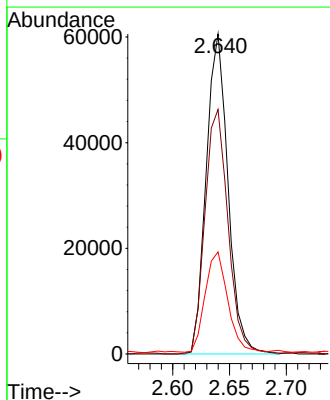
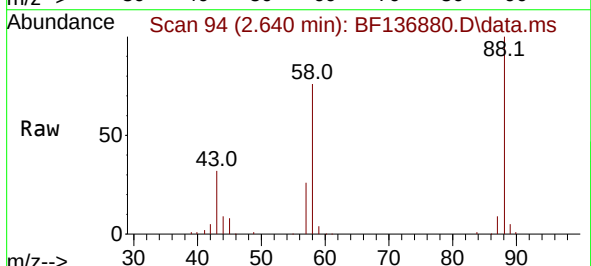
Manual Integrations
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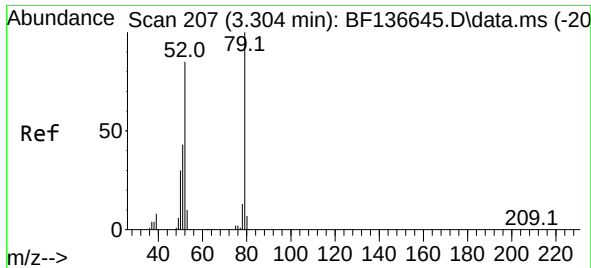
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#2
1,4-Dioxane
Concen: 39.754 ng
RT: 2.640 min Scan# 94
Delta R.T. 0.094 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

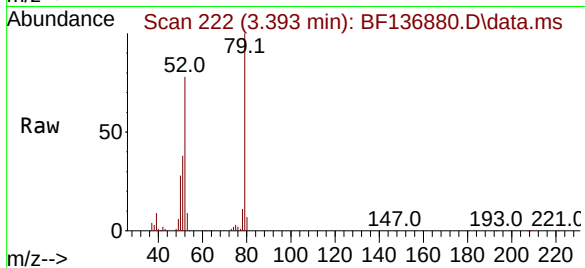
Tgt Ion: 88 Resp: 80986
Ion Ratio Lower Upper
88 100
58 81.1 67.4 101.0
43 32.4 27.7 41.5





#3
 Pyridine
 Concen: 38.372 ng
 RT: 3.393 min Scan# 217
 Delta R.T. 0.088 min
 Lab File: BF136880.D
 Acq: 02 Jan 2024 19:55

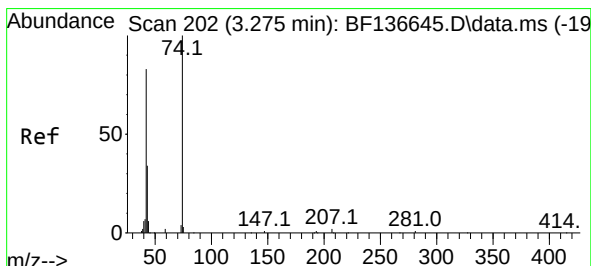
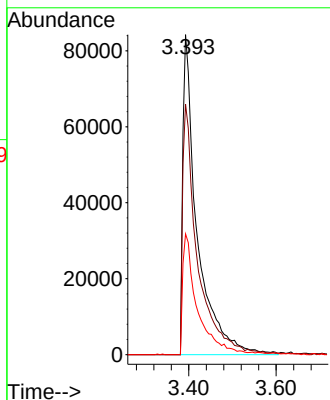
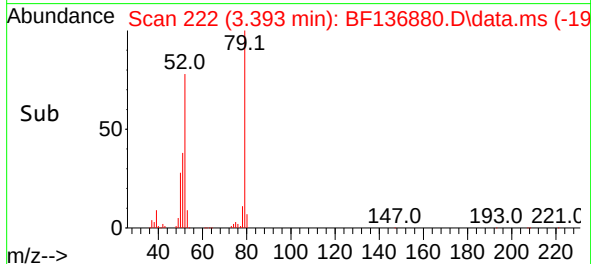
Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-06-0-2MSD



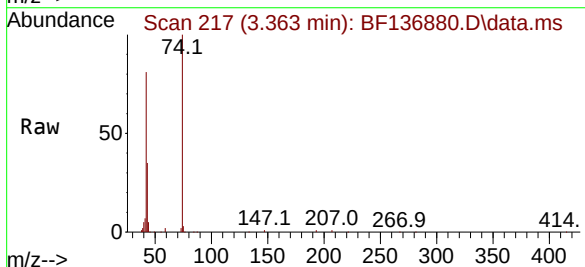
Tgt Ion: 79 Resp: 190729
 Ion Ratio Lower Upper
 79 100
 52 78.3 67.7 101.5
 51 37.7 34.0 51.0

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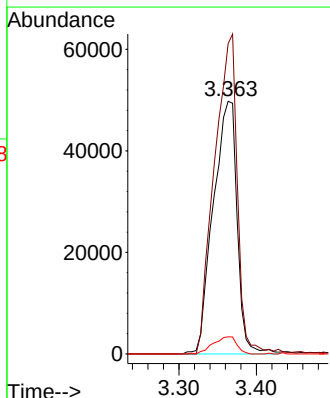
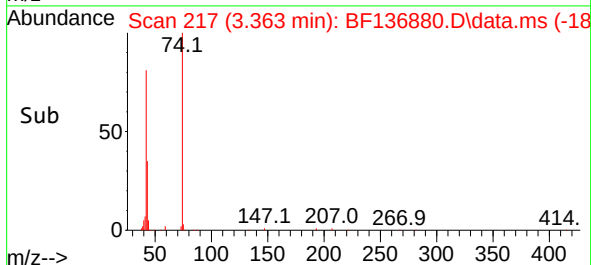
Reviewed By :Yogesh Patel 01/03/2024
 Supervised By :mohammad ahmed 01/03/2024

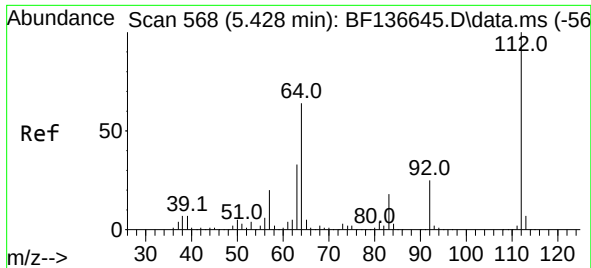


#4
 n-Nitrosodimethylamine
 Concen: 40.212 ng
 RT: 3.363 min Scan# 217
 Delta R.T. 0.088 min
 Lab File: BF136880.D
 Acq: 02 Jan 2024 19:55



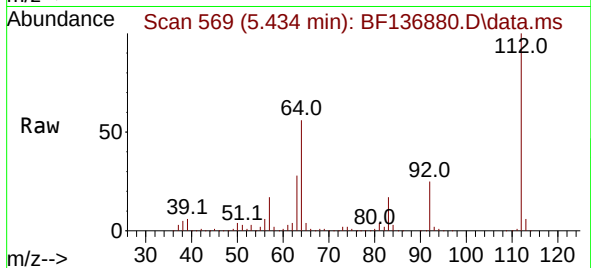
Tgt Ion: 42 Resp: 106735
 Ion Ratio Lower Upper
 42 100
 74 122.8 96.0 144.0
 44 6.8 5.4 8.2





#5
2-Fluorophenol
Concen: 95.320 ng
RT: 5.434 min Scan# 509
Delta R.T. 0.006 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

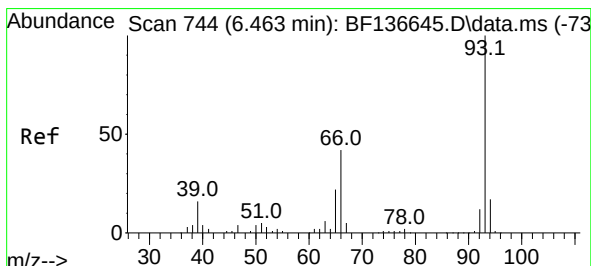
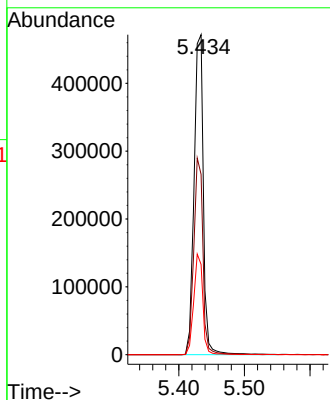
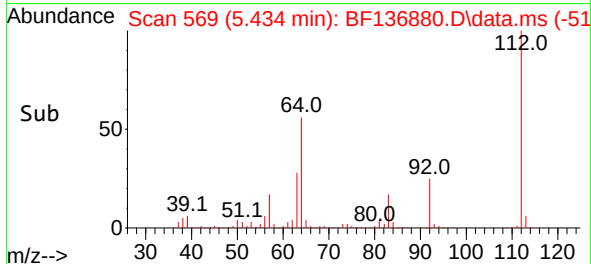
Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MSD



Tgt Ion:112 Resp: 466050
Ion Ratio Lower Upper
112 100
64 56.4 51.1 76.7
63 28.2 26.1 39.1

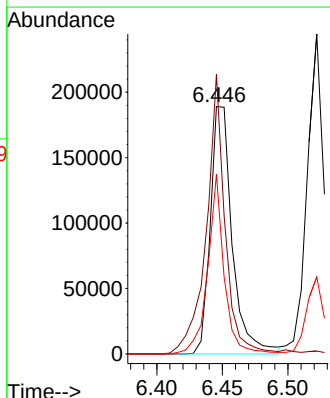
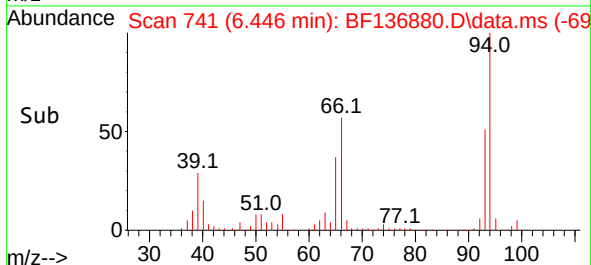
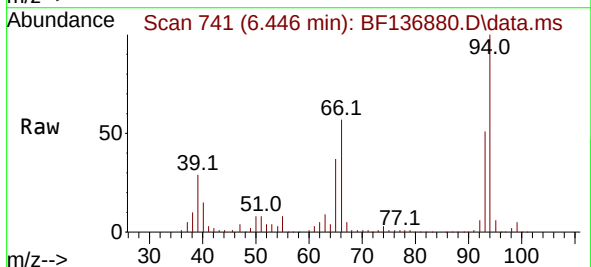
Manual Integrations
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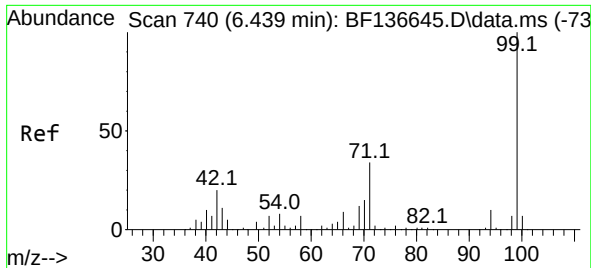
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#6
Aniline
Concen: 34.727 ng
RT: 6.446 min Scan# 741
Delta R.T. -0.017 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

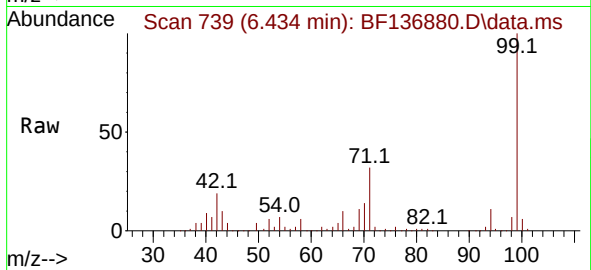
Tgt Ion: 93 Resp: 219967
Ion Ratio Lower Upper
93 100
66 113.1 34.6 51.8#
65 72.7 17.8 26.8#





#7
Phenol-d6
Concen: 92.794 ng
RT: 6.434 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

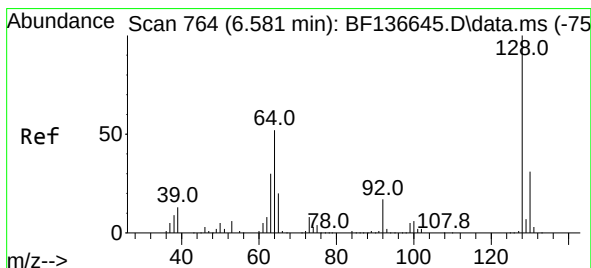
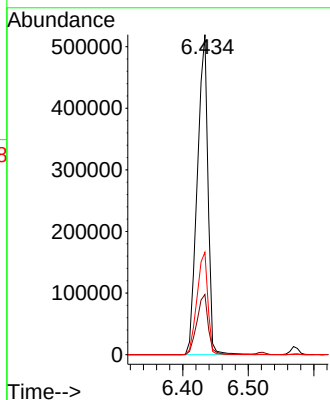
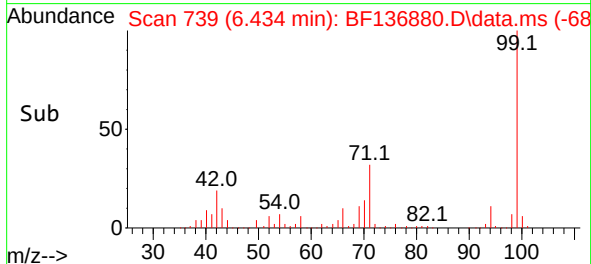
Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MSD



Tgt Ion: 99 Resp: 587884
Ion Ratio Lower Upper
99 100
42 18.8 16.1 24.1
71 32.0 27.4 41.2

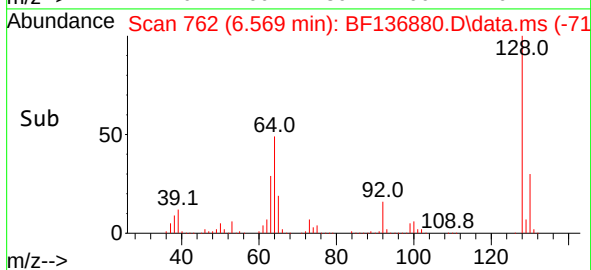
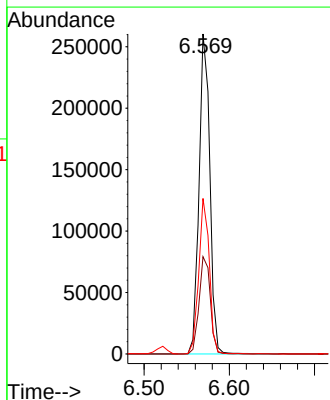
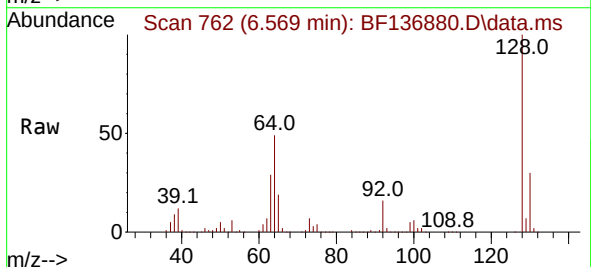
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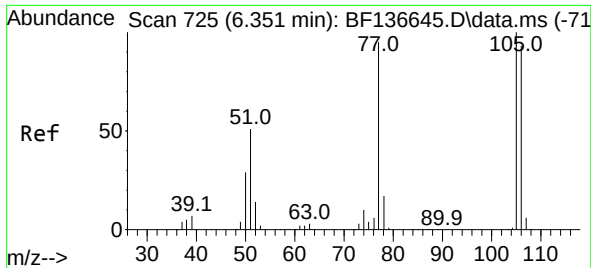
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#8
2-Chlorophenol
Concen: 42.848 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

Tgt Ion:128 Resp: 229257
Ion Ratio Lower Upper
128 100
130 30.4 11.3 51.3
64 48.6 32.5 72.5





#9

Benzaldehyde

Concen: 13.928 ng

RT: 6.334 min Scan# 71

Delta R.T. -0.017 min

Lab File: BF136880.D

Acq: 02 Jan 2024 19:55

Instrument :

BNA_F

ClientSampleId :

GHL-SS-06-0-2MSD

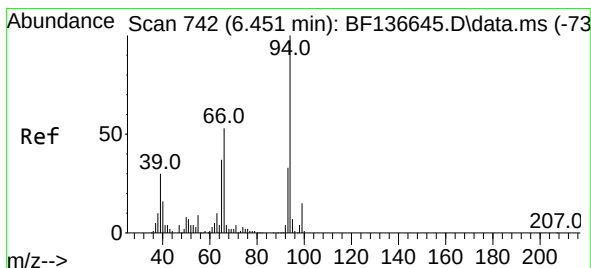
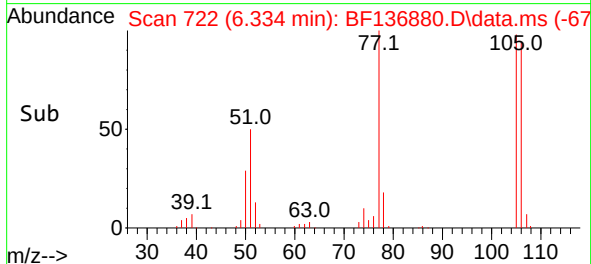
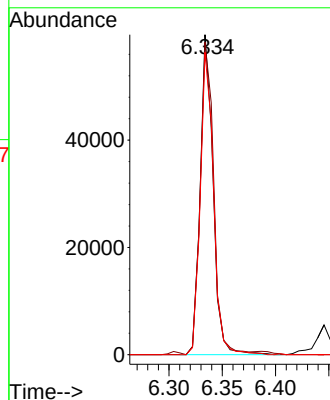
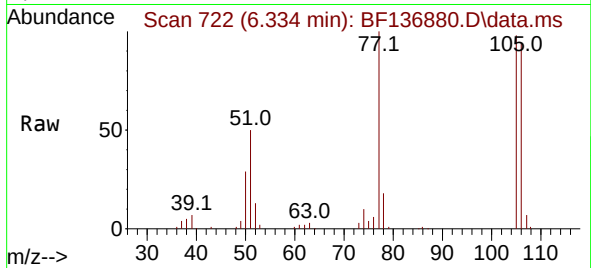
Tgt Ion: 77	Resp: 50189
Ion Ratio	Lower Upper
77 100	
105 97.7	84.8 124.8
106 94.5	77.8 117.8

Manual Integrations

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Supervised By :mohammad ahmed 01/03/2024



#10

Phenol

Concen: 41.279 ng

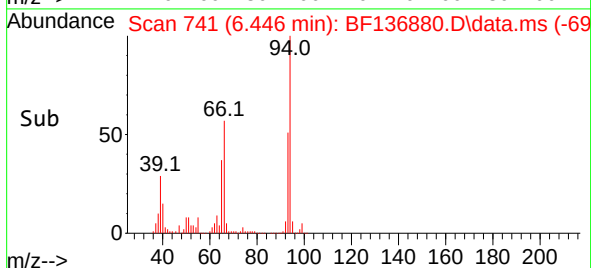
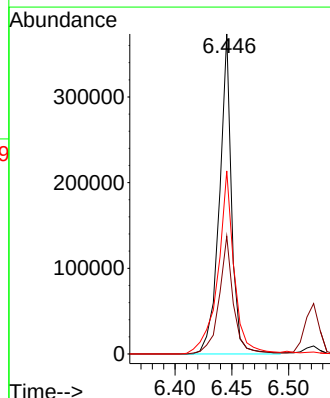
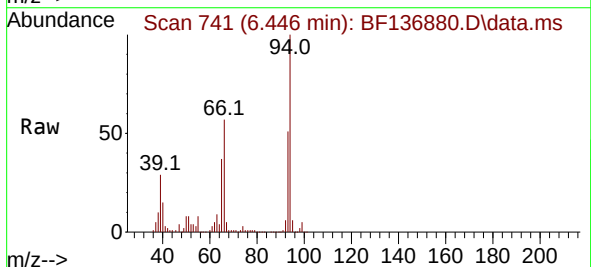
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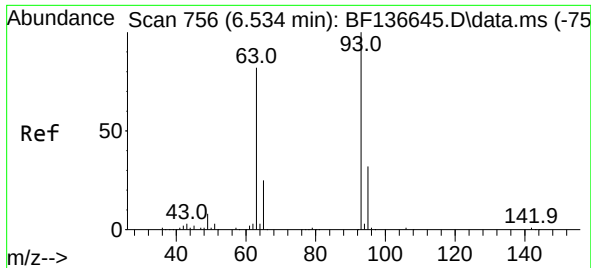
Delta R.T. -0.006 min

Lab File: BF136880.D

Acq: 02 Jan 2024 19:55

Tgt Ion: 94	Resp: 279174
Ion Ratio	Lower Upper
94 100	
65 36.8	16.6 56.6
66 57.2	32.6 72.6





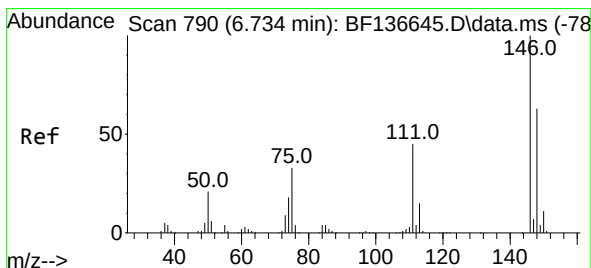
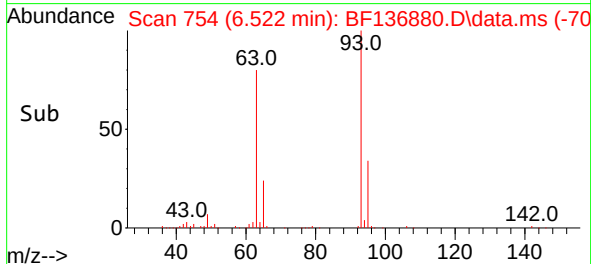
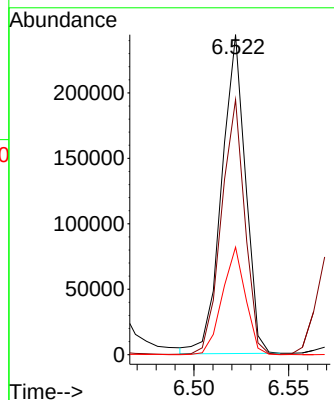
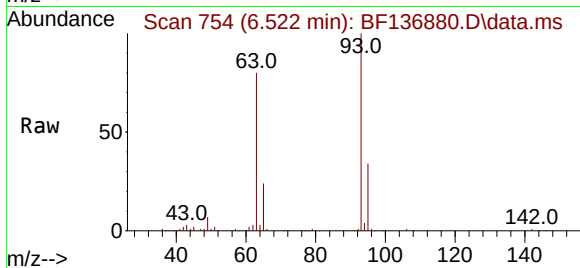
#11
bis(2-Chloroethyl)ether
Concen: 41.387 ng
RT: 6.522 min Scan# 756
Delta R.T. -0.012 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

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

Tgt Ion: 93 Resp: 212864
Ion Ratio Lower Upper
93 100
63 79.7 61.2 101.2
95 33.6 11.6 51.6

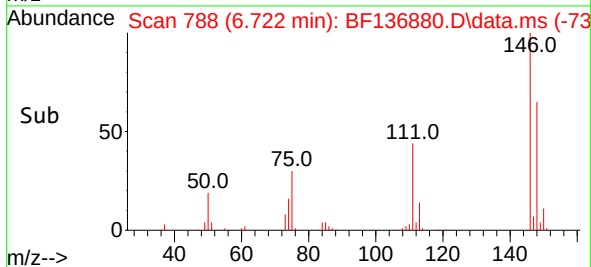
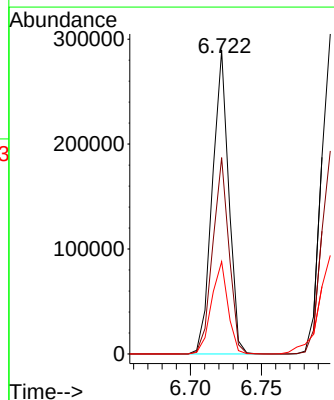
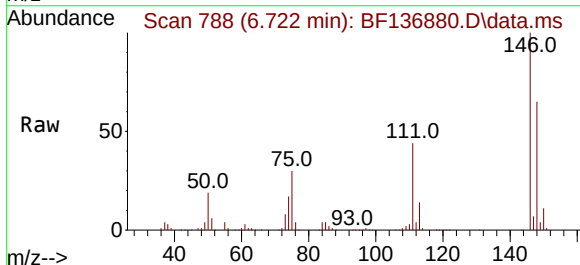
Manual Integrations
APPROVED

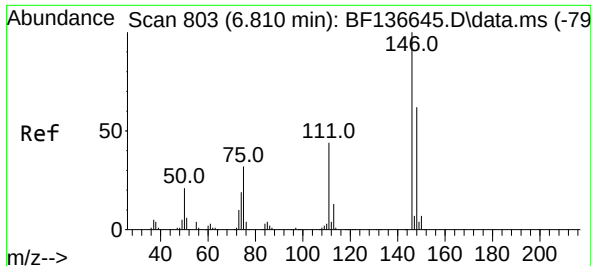
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#12
1,3-Dichlorobenzene
Concen: 39.683 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.012 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

Tgt Ion:146 Resp: 231623
Ion Ratio Lower Upper
146 100
148 64.7 50.5 75.7
75 30.4 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 39.708 ng

RT: 6.798 min Scan# 803

Delta R.T. -0.012 min

Lab File: BF136880.D

Acq: 02 Jan 2024 19:55

Instrument :

BNA_F

ClientSampleId :

GHL-SS-06-0-2MSD

Tgt Ion:146 Resp: 236818

Ion Ratio Lower Upper

146 100

148 63.4 49.2 73.8

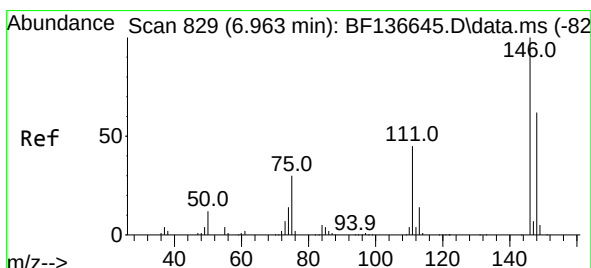
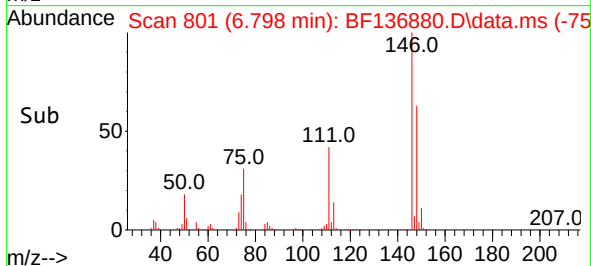
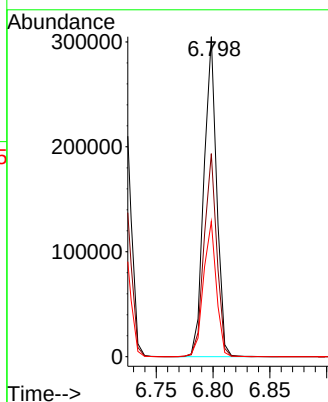
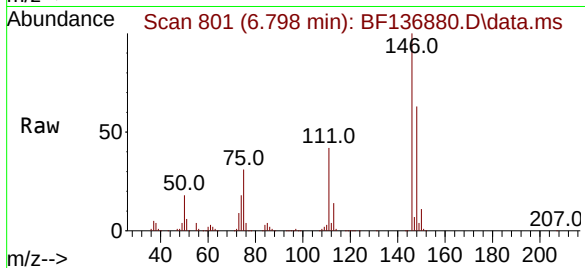
111 42.3 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#14

1,2-Dichlorobenzene

Concen: 40.557 ng

RT: 6.945 min Scan# 826

Delta R.T. -0.017 min

Lab File: BF136880.D

Acq: 02 Jan 2024 19:55

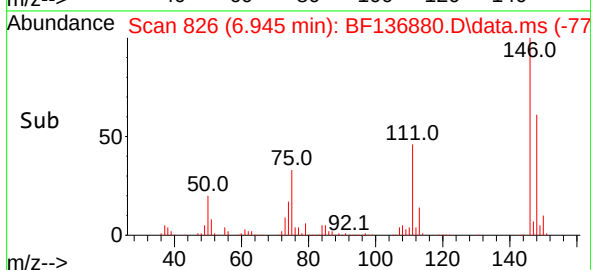
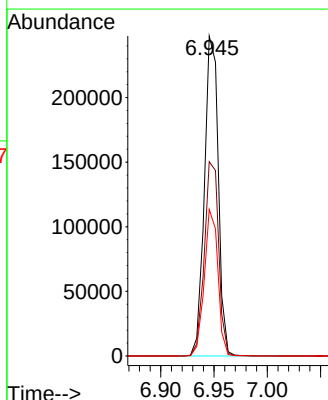
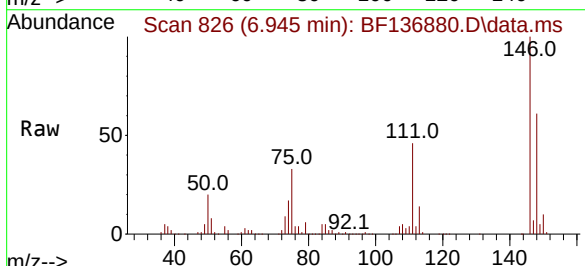
Tgt Ion:146 Resp: 225074

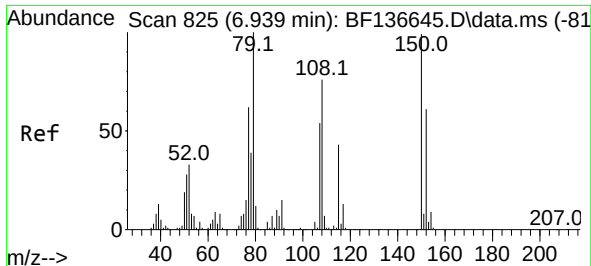
Ion Ratio Lower Upper

146 100

148 60.7 49.6 74.4

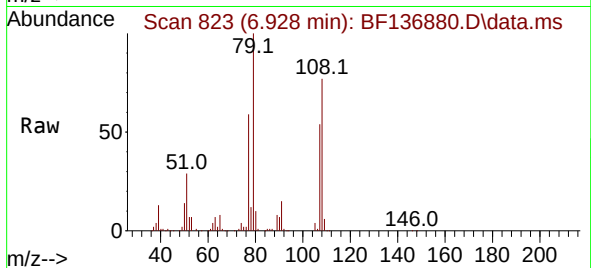
111 45.8 36.2 54.2





#15
Benzyl Alcohol
Concen: 42.870 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

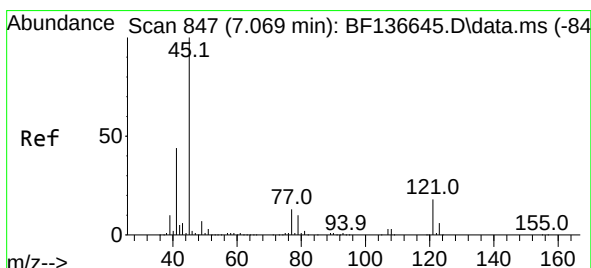
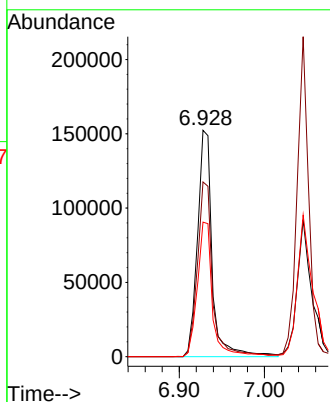
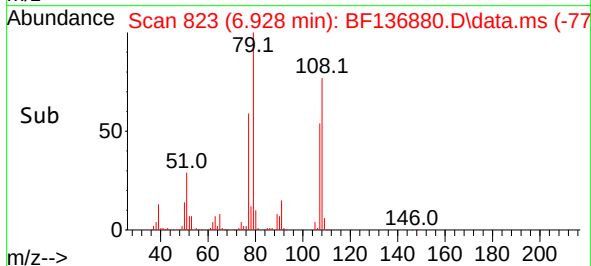
Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MSD



Tgt Ion: 79 Resp: 18323
Ion Ratio Lower Upper
79 100
108 77.2 61.0 91.6
77 59.5 49.8 74.8

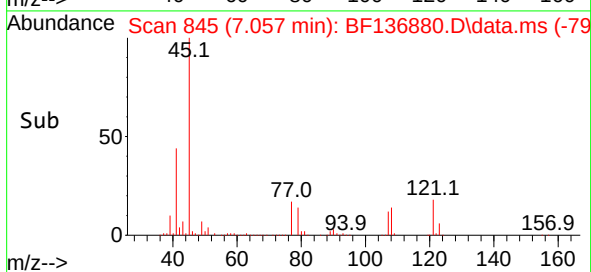
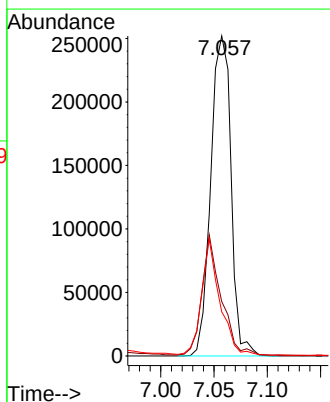
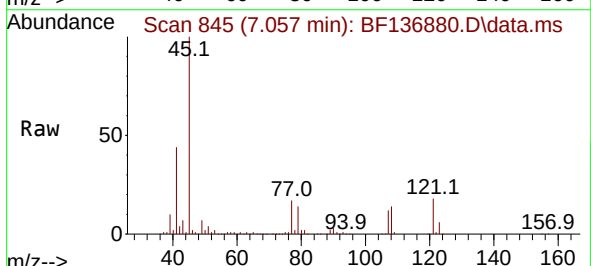
Manual Integrations
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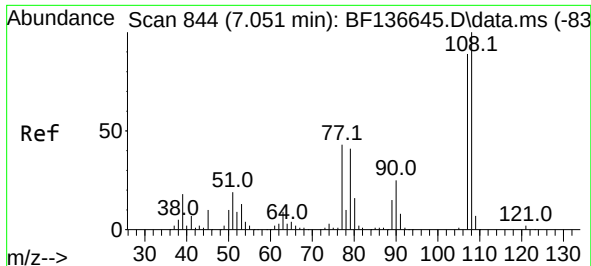
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.637 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

Tgt Ion: 45 Resp: 333299
Ion Ratio Lower Upper
45 100
77 17.0 0.0 34.3
79 13.8 0.0 31.4





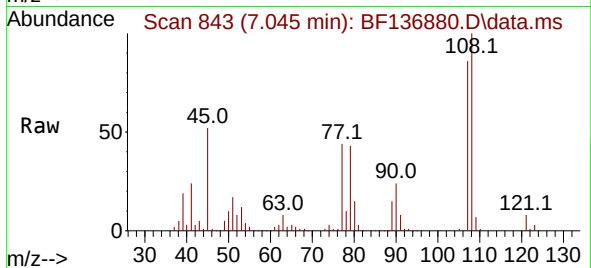
#17
2-Methylphenol
Concen: 40.347 ng
RT: 7.045 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

Instrument :

BNA_F

ClientSampleId :

GHL-SS-06-0-2MSD



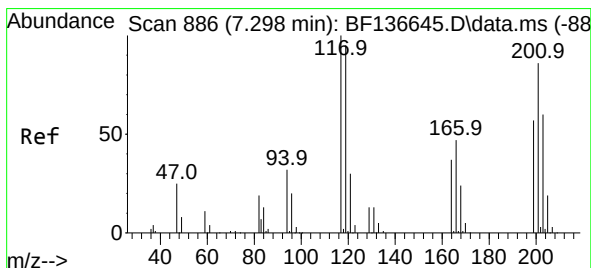
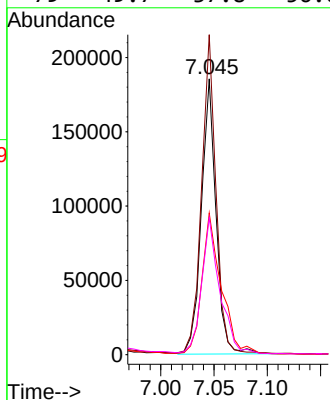
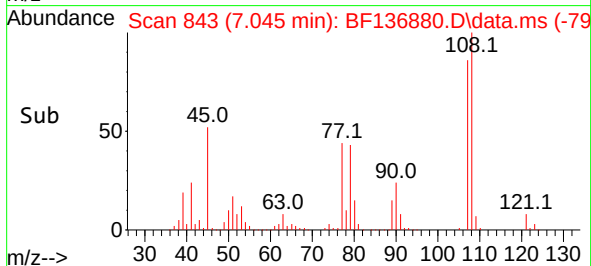
Tgt Ion:107 Resp: 178839
Ion Ratio Lower Upper
107 100
108 116.0 90.3 135.5
77 51.4 38.7 58.1
79 49.7 37.8 56.6

Manual Integrations

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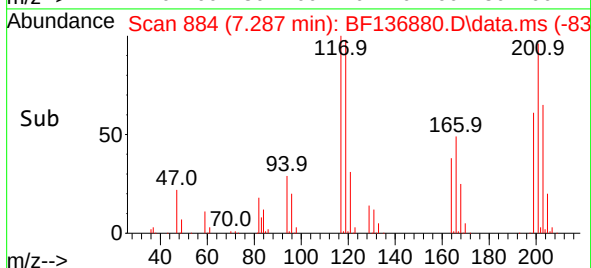
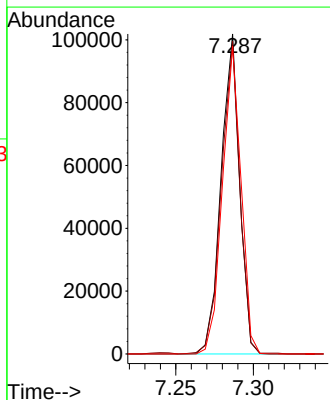
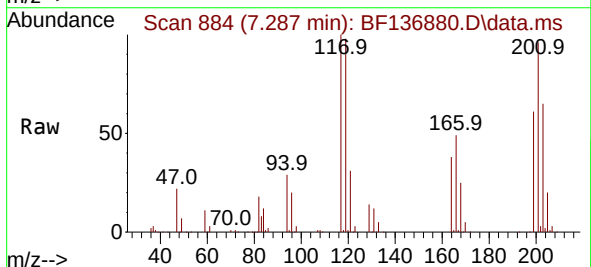
Reviewed By :Yogesh Patel 01/03/2024

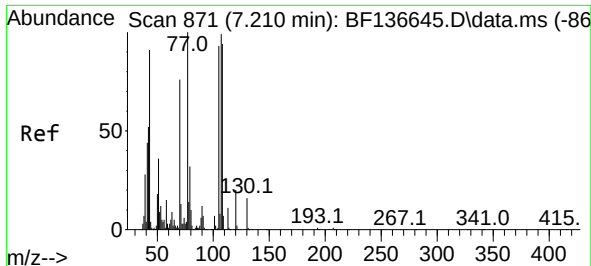
Supervised By :mohammad ahmed 01/03/2024



#18
Hexachloroethane
Concen: 39.136 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

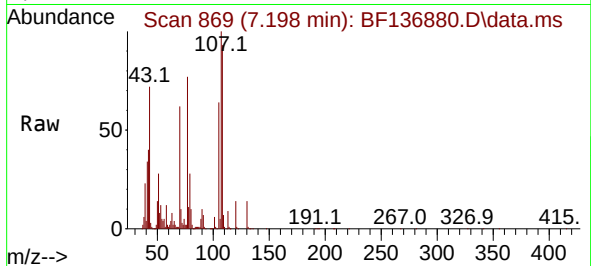
Tgt Ion:117 Resp: 84765
Ion Ratio Lower Upper
117 100
119 97.7 75.8 113.6
201 96.1 69.1 103.7





#19
n-Nitroso-di-n-propylamine
Concen: 39.292 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

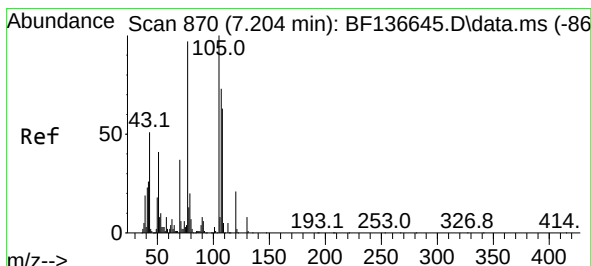
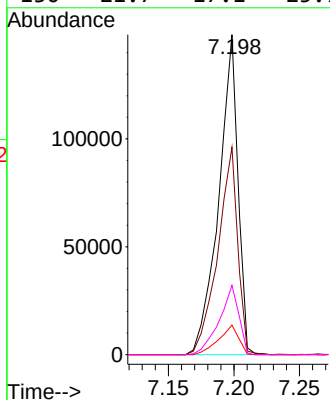
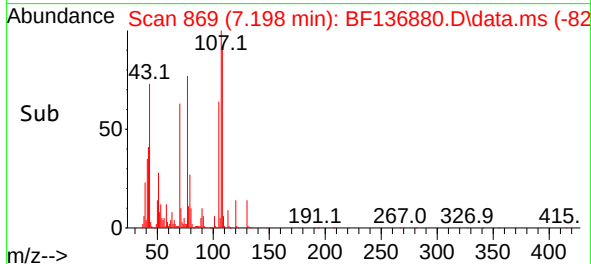
Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MSD



Tgt Ion: 70 Resp: 150898
Ion Ratio Lower Upper
70 100
42 64.8 54.2 81.4
101 9.3 7.6 11.4
130 21.7 17.1 25.7

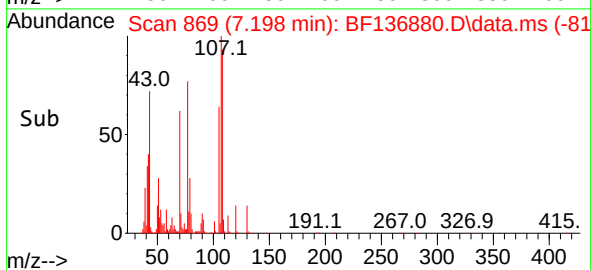
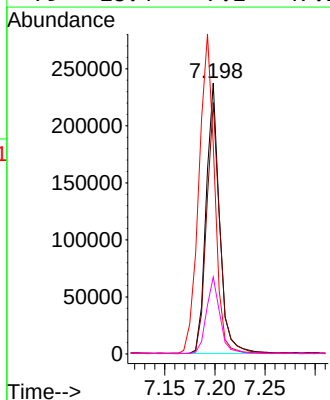
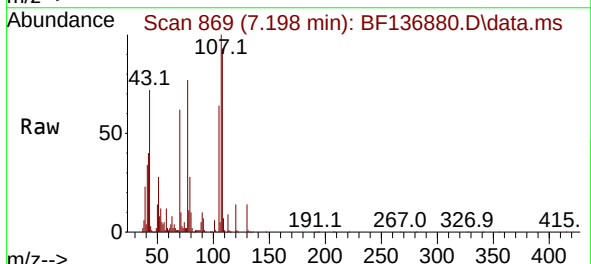
Manual Integrations
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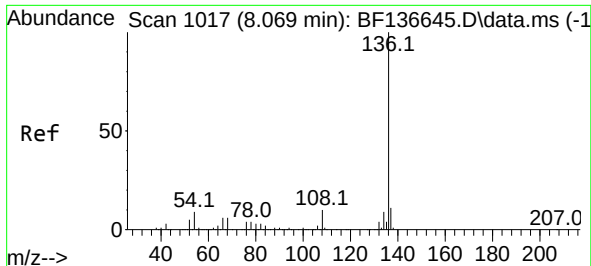
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#20
3+4-Methylphenols
Concen: 40.082 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

Tgt Ion:107 Resp: 221962
Ion Ratio Lower Upper
107 100
108 92.8 66.0 106.0
77 77.3 114.2 154.2#
79 28.4 7.2 47.2





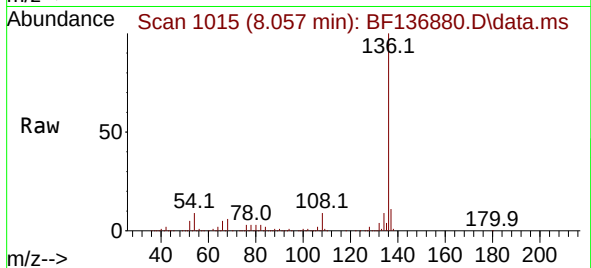
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

Instrument :

BNA_F

ClientSampleId :

GHL-SS-06-0-2MSD



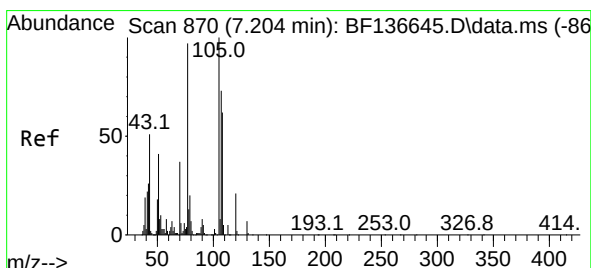
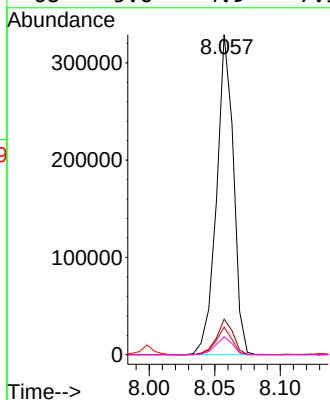
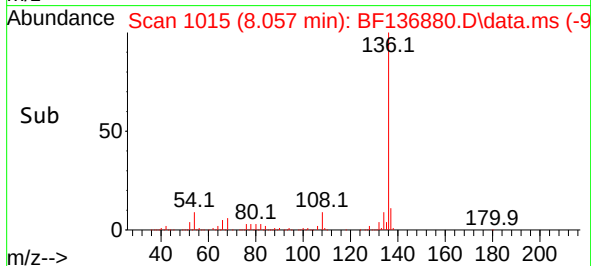
Tgt Ion:136 Resp: 293709
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 8.6 7.2 10.8
68 5.6 4.9 7.3

Manual Integrations

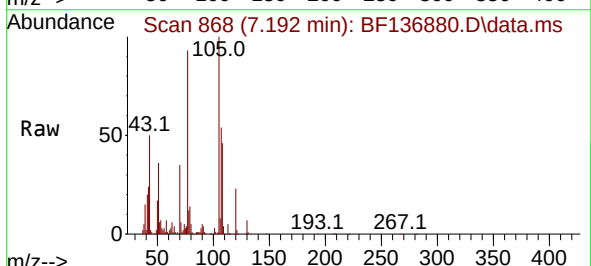
APPROVED

Reviewed By :Yogesh Patel 01/03/2024

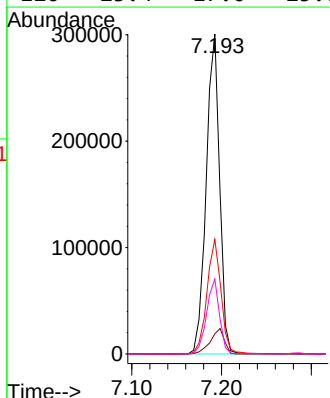
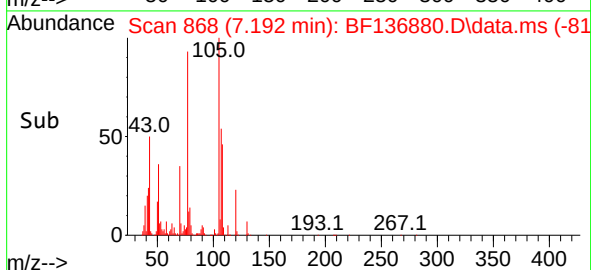
Supervised By :mohammad ahmed 01/03/2024

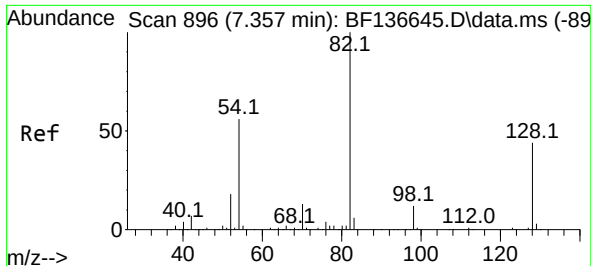


#22
Acetophenone
Concen: 42.347 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55



Tgt Ion:105 Resp: 311747
Ion Ratio Lower Upper
105 100
71 6.3 4.8 7.2
51 35.8 32.8 49.2
120 23.4 17.0 25.6





#23

Nitrobenzene-d5

Concen: 64.025 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF136880.D

Acq: 02 Jan 2024 19:55

Instrument :

BNA_F

ClientSampleId :

GHL-SS-06-0-2MSD

Tgt Ion: 82 Resp: 367480

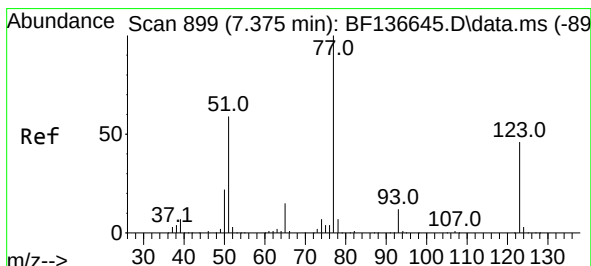
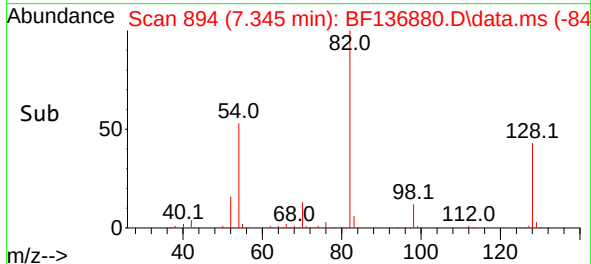
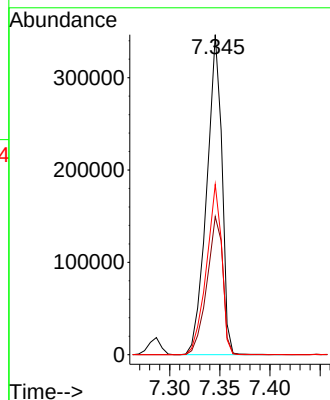
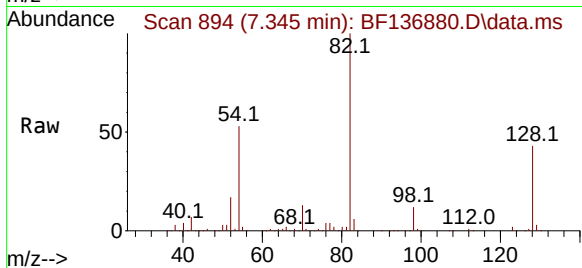
Ion	Ratio	Lower	Upper
82	100		
128	43.1	35.3	52.9
54	53.2	44.5	66.7

Manual Integrations

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Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#24

Nitrobenzene

Concen: 40.322 ng

RT: 7.363 min Scan# 897

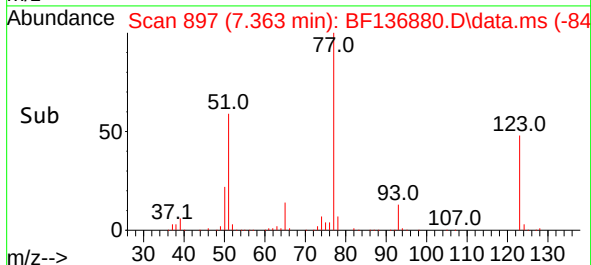
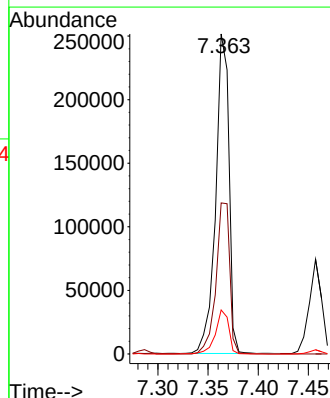
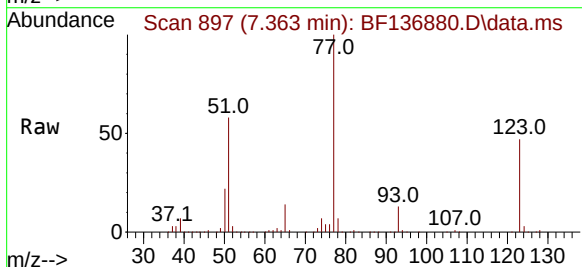
Delta R.T. -0.012 min

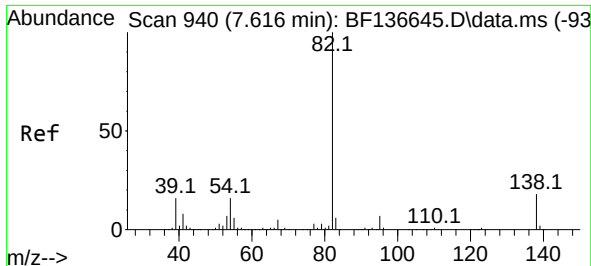
Lab File: BF136880.D

Acq: 02 Jan 2024 19:55

Tgt Ion: 77 Resp: 231842

Ion	Ratio	Lower	Upper
77	100		
123	47.2	36.7	55.1
65	13.8	11.8	17.6





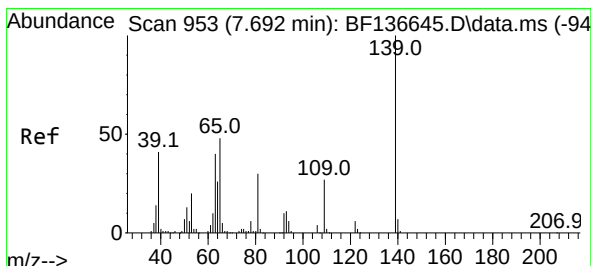
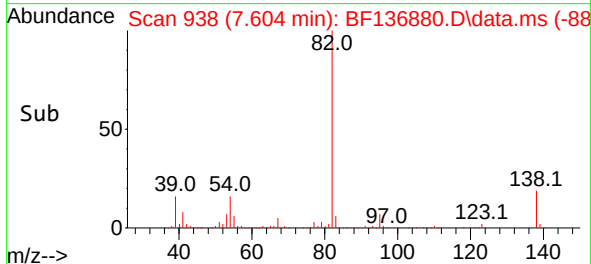
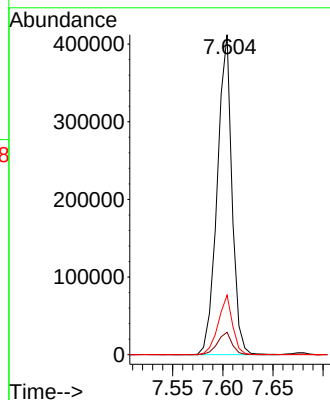
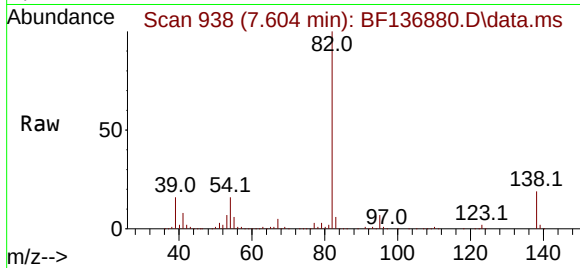
#25
Isophorone
Concen: 40.268 ng
RT: 7.604 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

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

Tgt Ion: 82 Resp: 42056
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 18.6 14.5 21.7

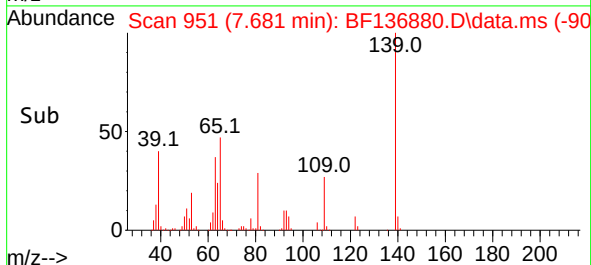
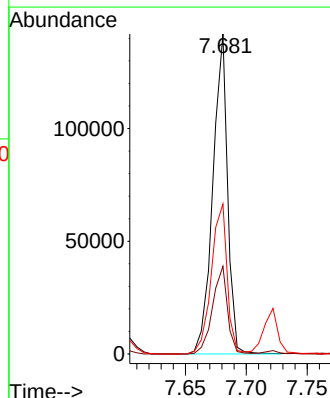
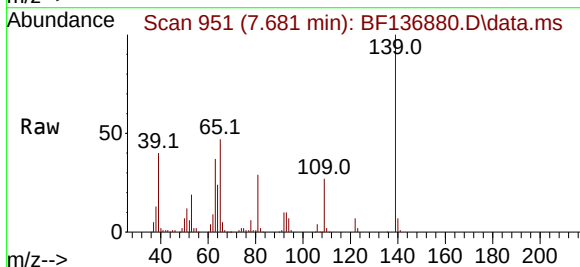
Manual Integrations
APPROVED

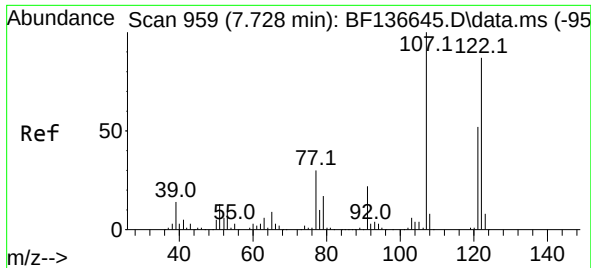
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#26
2-Nitrophenol
Concen: 43.548 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

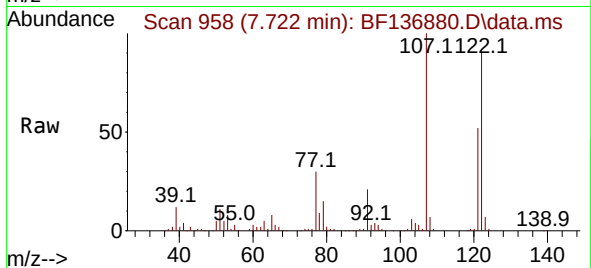
Tgt Ion:139 Resp: 119798
Ion Ratio Lower Upper
139 100
109 27.4 21.9 32.9
65 46.9 38.6 58.0





#27
2,4-Dimethylphenol
Concen: 51.997 ng
RT: 7.722 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

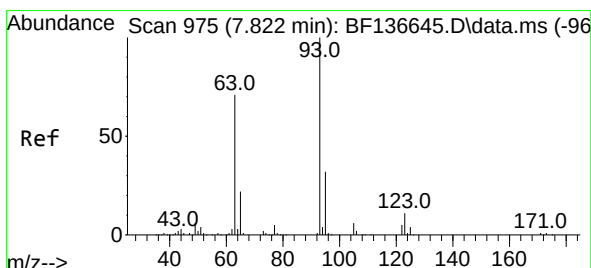
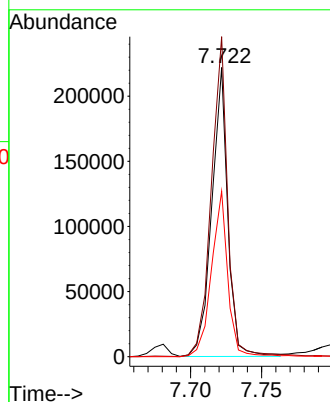
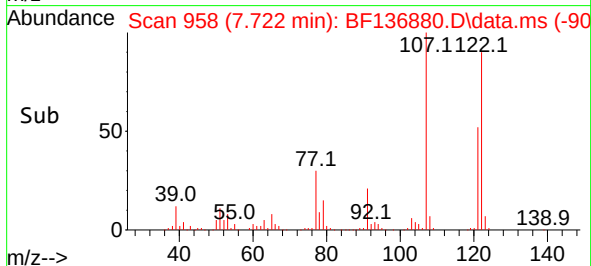
Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MSD



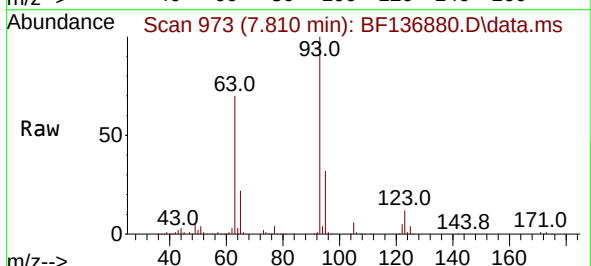
Tgt Ion:122 Resp: 17414
Ion Ratio Lower Upper
122 100
107 110.7 92.0 138.0
121 57.2 47.5 71.3

Manual Integrations
APPROVED

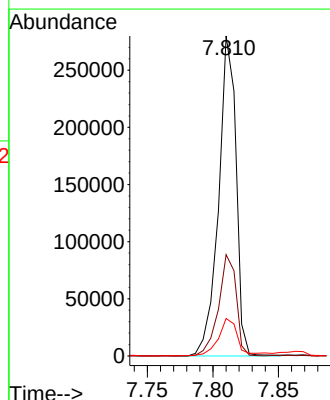
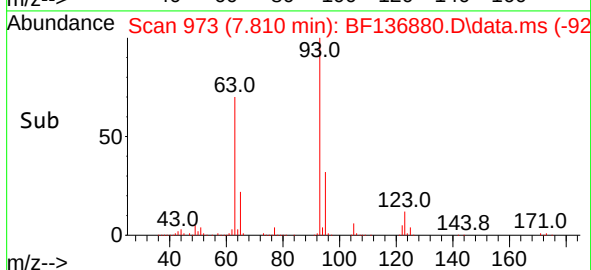
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024

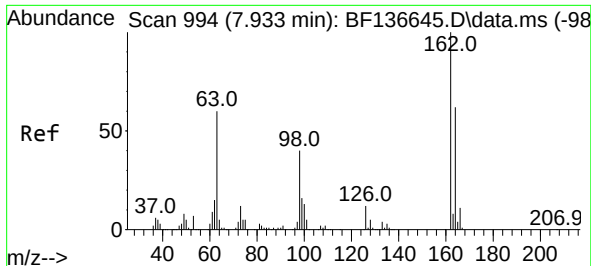


#28
bis(2-Chloroethoxy)methane
Concen: 40.882 ng
RT: 7.810 min Scan# 973
Delta R.T. -0.012 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55



Tgt Ion: 93 Resp: 259536
Ion Ratio Lower Upper
93 100
95 31.7 25.5 38.3
123 11.7 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 42.503 ng

RT: 7.922 min Scan# 994

Delta R.T. -0.012 min

Lab File: BF136880.D

Acq: 02 Jan 2024 19:55

Instrument :

BNA_F

ClientSampleId :

GHL-SS-06-0-2MSD

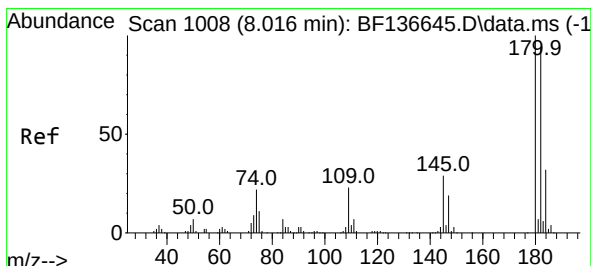
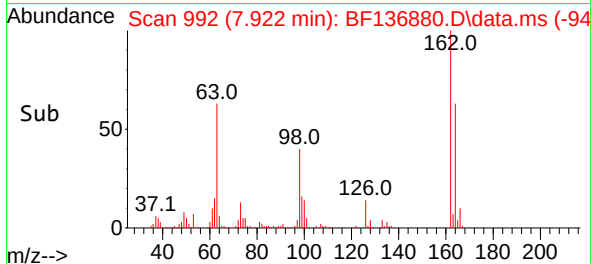
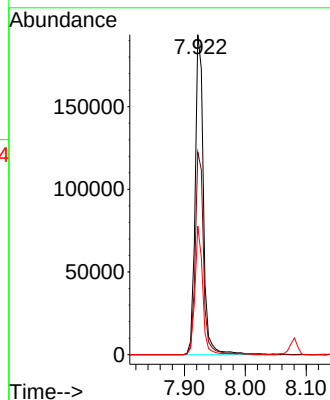
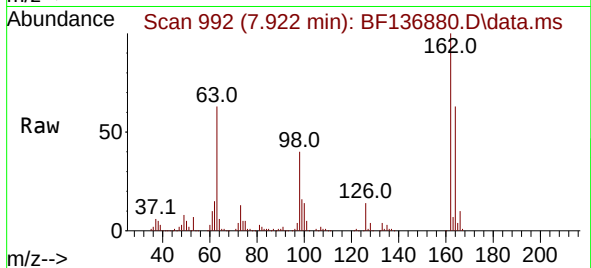
Tgt Ion:	162	Resp:	18326
Ion Ratio	Lower	Upper	
162	100		
164	63.3	41.7	81.7
98	40.2	19.5	59.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#30

1,2,4-Trichlorobenzene

Concen: 40.479 ng

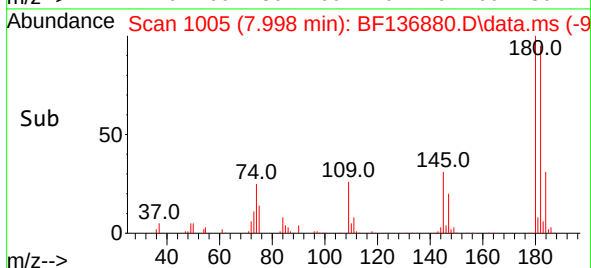
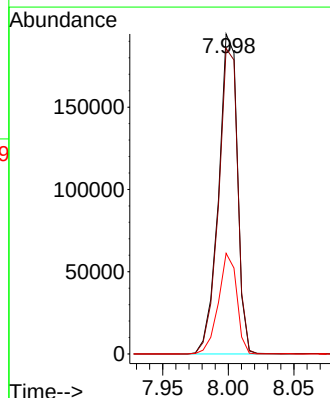
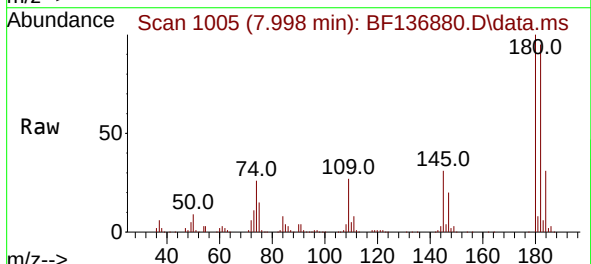
RT: 7.998 min Scan# 1005

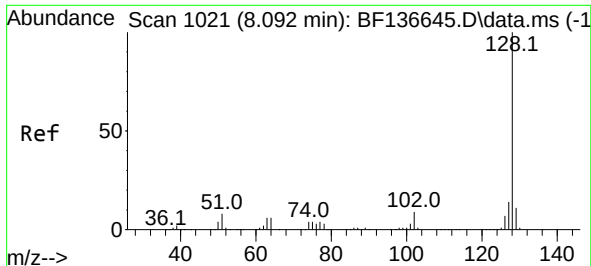
Delta R.T. -0.017 min

Lab File: BF136880.D

Acq: 02 Jan 2024 19:55

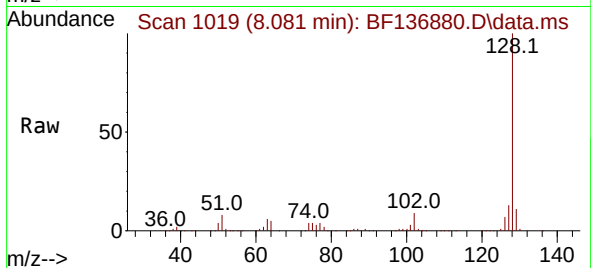
Tgt Ion:	180	Resp:	194460
Ion Ratio	Lower	Upper	
180	100		
182	95.5	75.4	113.0
145	31.5	23.1	34.7





#31
Naphthalene
Concen: 40.783 ng
RT: 8.081 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

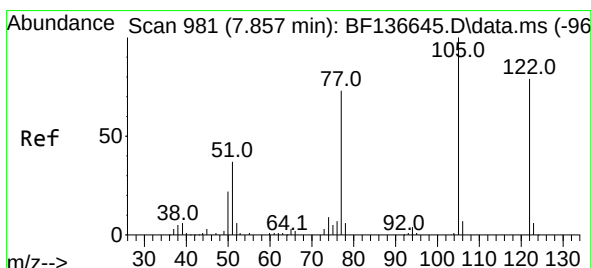
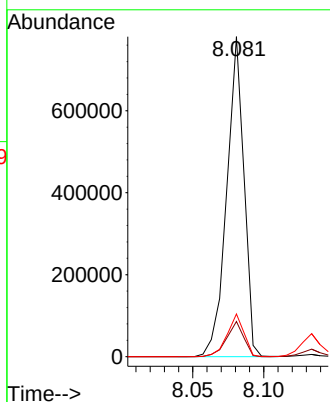
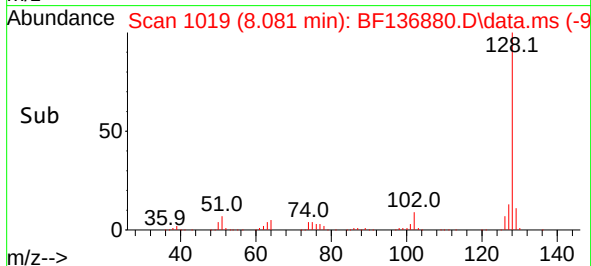
Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MSD



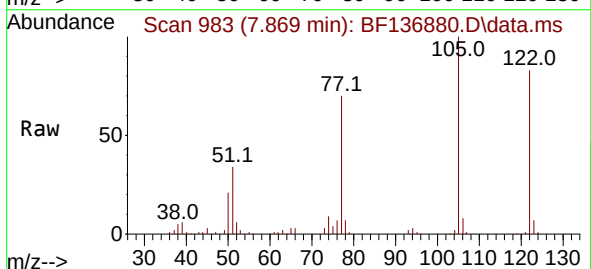
Tgt Ion:128 Resp: 65806
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.4 10.8 16.2

Manual Integrations
APPROVED

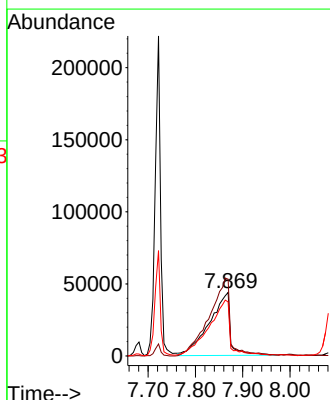
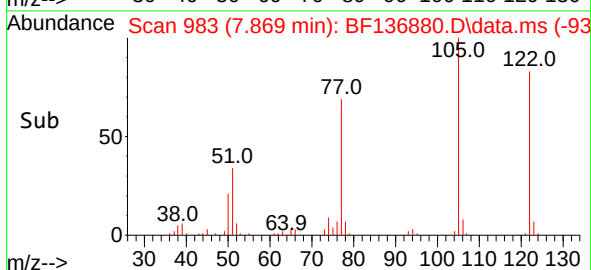
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024

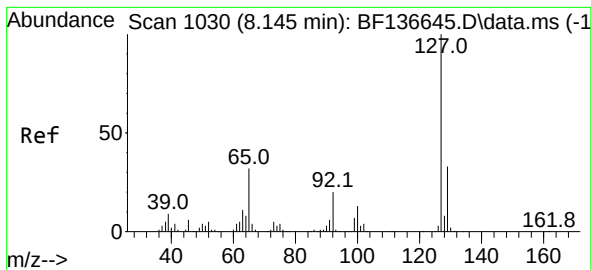


#32
Benzoic acid
Concen: 41.889 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.012 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55



Tgt Ion:122 Resp: 135740
Ion Ratio Lower Upper
122 100
105 121.1 100.8 140.8
77 85.3 70.9 110.9





#33

4-Chloroaniline

Concen: 11.302 ng

RT: 8.134 min Scan# 1028

Delta R.T. -0.012 min

Lab File: BF136880.D

Acq: 02 Jan 2024 19:55

Instrument :

BNA_F

ClientSampleId :

GHL-SS-06-0-2MSD

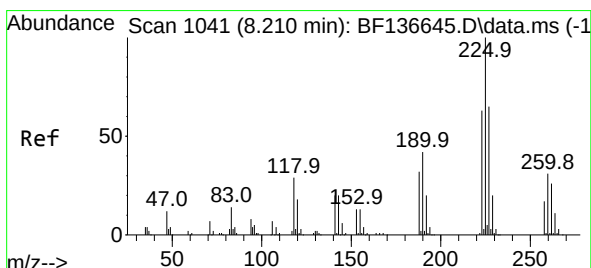
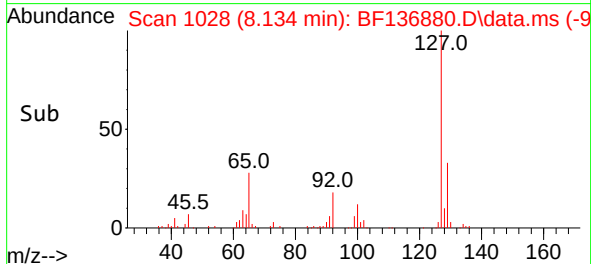
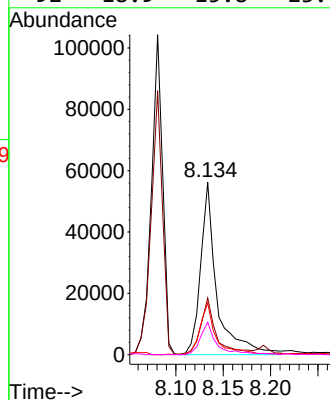
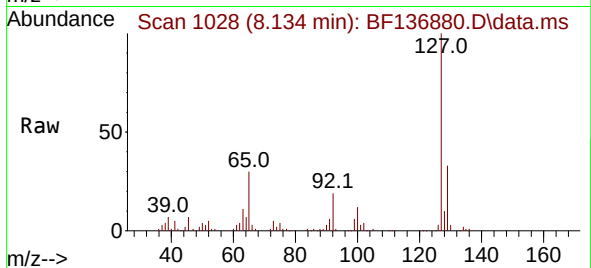
Tgt Ion:	127	Resp:	6733
Ion Ratio	Lower	Upper	
127	100		
129	32.8	26.3	39.5
65	30.0	25.8	38.8
92	18.9	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#34

Hexachlorobutadiene

Concen: 38.477 ng

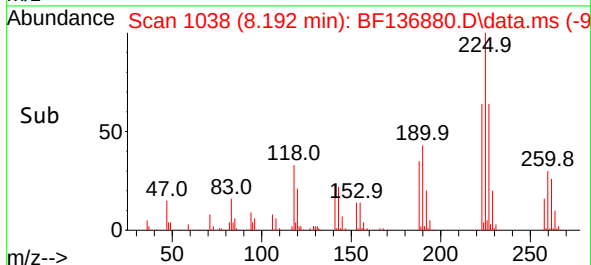
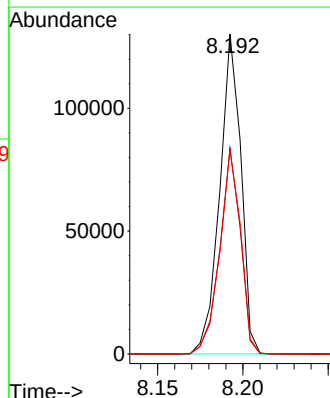
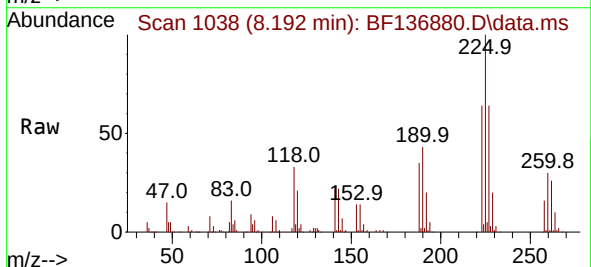
RT: 8.192 min Scan# 1038

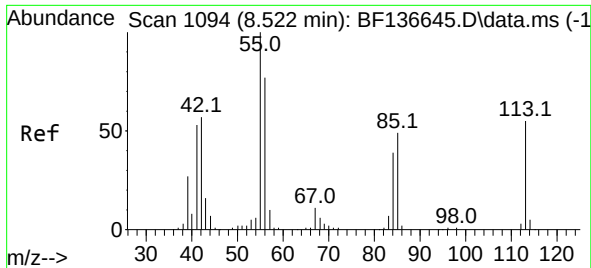
Delta R.T. -0.017 min

Lab File: BF136880.D

Acq: 02 Jan 2024 19:55

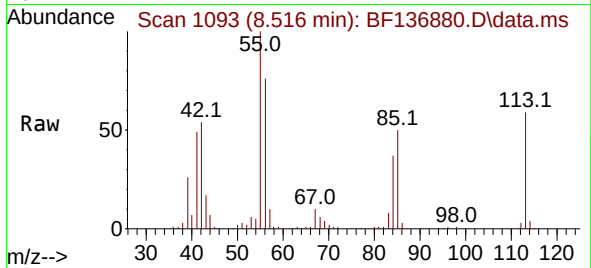
Tgt Ion:	225	Resp:	112303
Ion Ratio	Lower	Upper	
225	100		
223	64.3	50.6	76.0
227	63.8	51.9	77.9





#35
 Caprolactam
 Concen: 43.371 ng m
 RT: 8.516 min Scan# 1093
 Delta R.T. -0.006 min
 Lab File: BF136880.D
 Acq: 02 Jan 2024 19:55

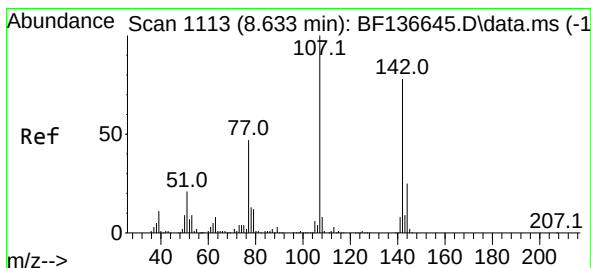
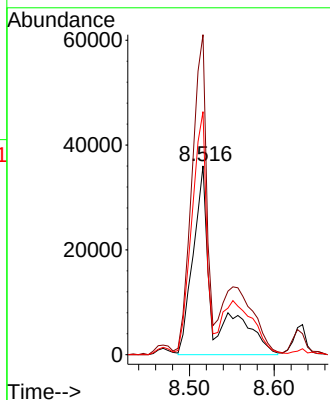
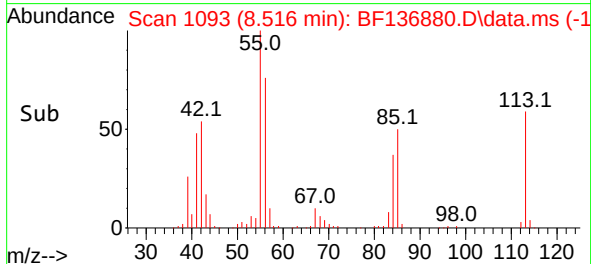
Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-06-0-2MSD



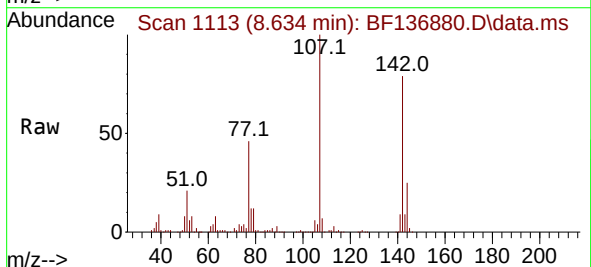
Tgt Ion:113 Resp: 61690
 Ion Ratio Lower Upper
 113 100
 55 169.4 163.1 203.1
 56 128.7 121.7 161.7

Manual Integrations
 APPROVED

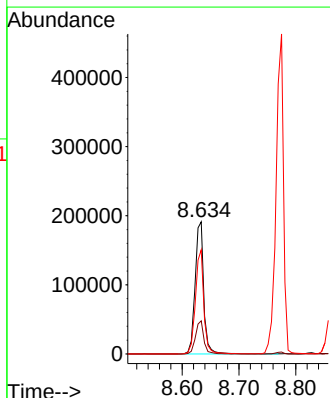
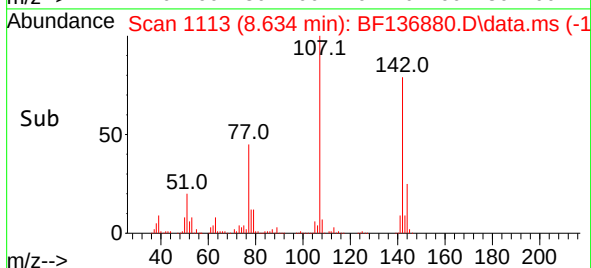
Reviewed By :Yogesh Patel 01/03/2024
 Supervised By :mohammad ahmed 01/03/2024

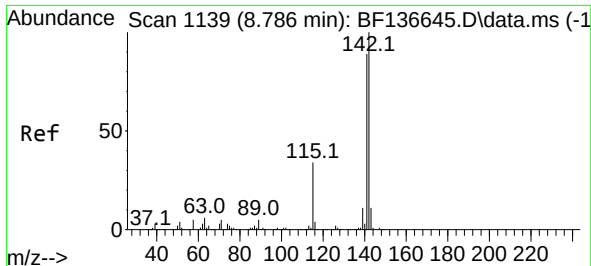


#36
 4-Chloro-3-methylphenol
 Concen: 41.900 ng
 RT: 8.634 min Scan# 1113
 Delta R.T. 0.000 min
 Lab File: BF136880.D
 Acq: 02 Jan 2024 19:55



Tgt Ion:107 Resp: 203380
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.2 30.2
 142 78.8 62.3 93.5





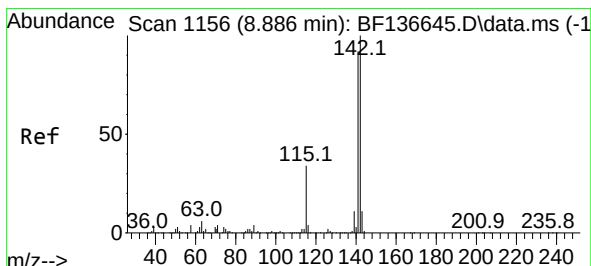
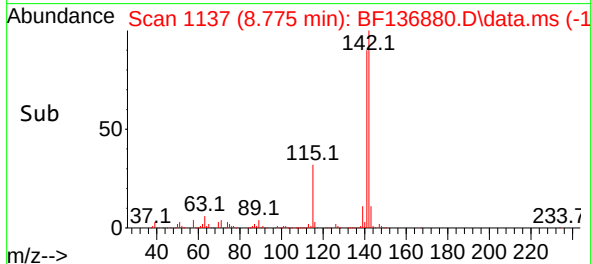
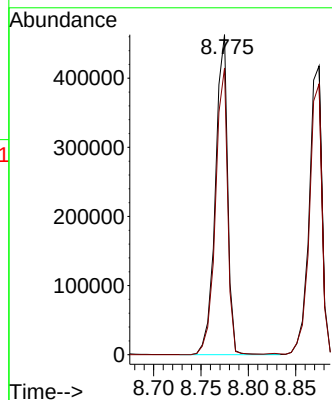
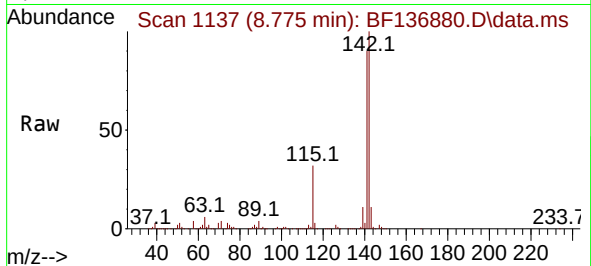
#37
2-Methylnaphthalene
Concen: 40.310 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

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

Tgt Ion:142 Resp: 418599
Ion Ratio Lower Upper
142 100
141 89.6 71.1 106.7

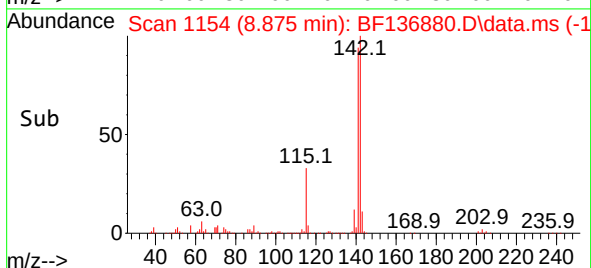
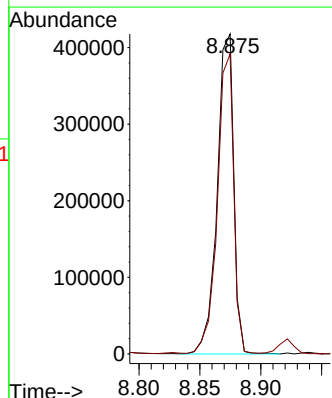
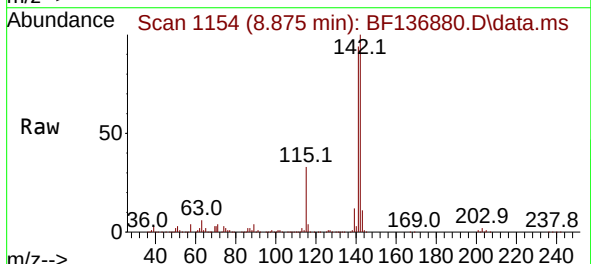
Manual Integrations
APPROVED

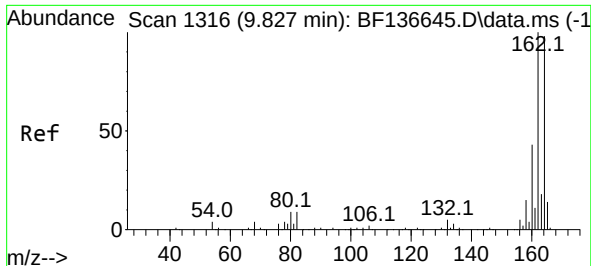
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#38
1-Methylnaphthalene
Concen: 38.877 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

Tgt Ion:142 Resp: 396073
Ion Ratio Lower Upper
142 100
141 93.8 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: BF136880.D

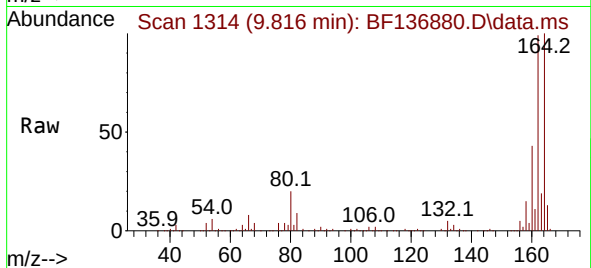
Acq: 02 Jan 2024 19:55

Instrument :

BNA_F

ClientSampleId :

GHL-SS-06-0-2MSD



Tgt Ion:164 Resp: 152592

Ion Ratio Lower Upper

164 100

162 99.0 81.6 122.4

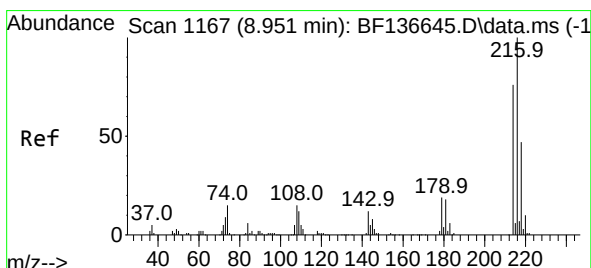
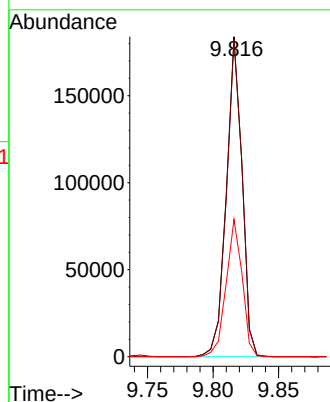
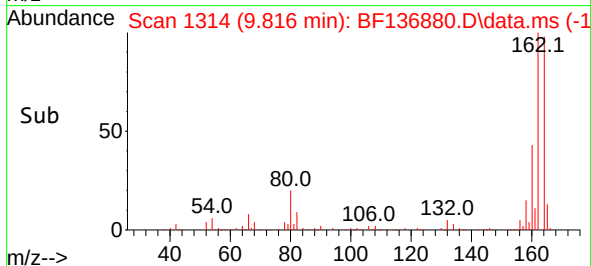
160 42.9 34.9 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.849 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136880.D

Acq: 02 Jan 2024 19:55

Tgt Ion:216 Resp: 207219

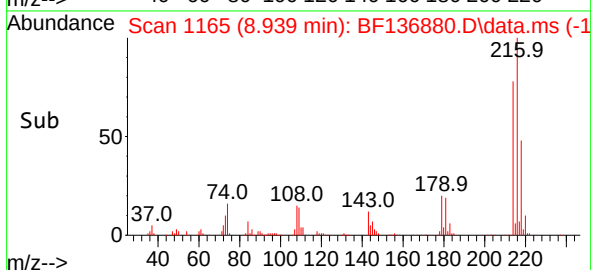
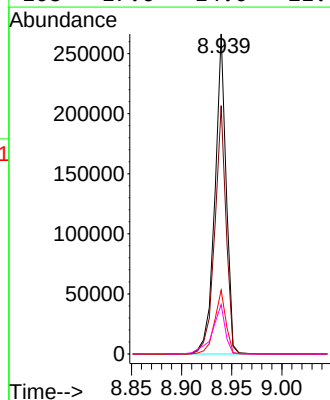
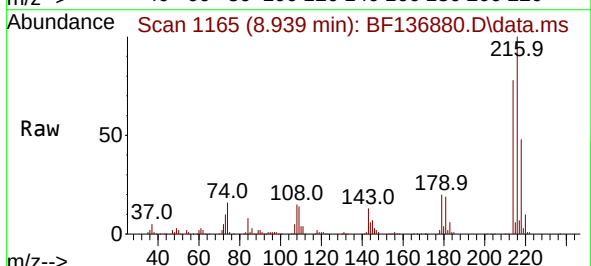
Ion Ratio Lower Upper

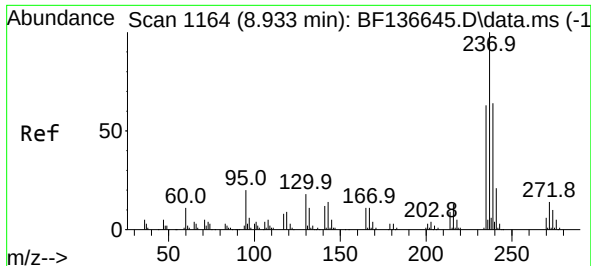
216 100

214 77.8 62.3 93.5

179 20.1 16.4 24.6

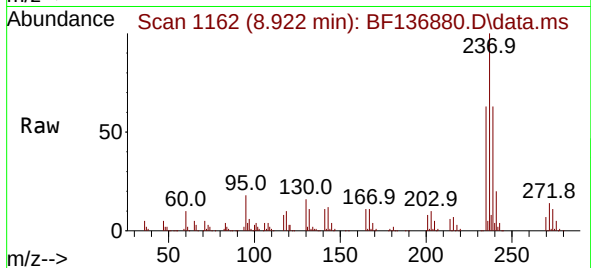
108 17.6 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 95.287 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

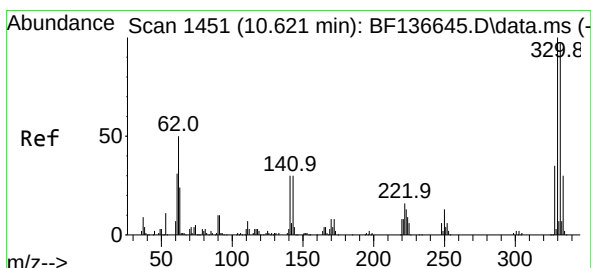
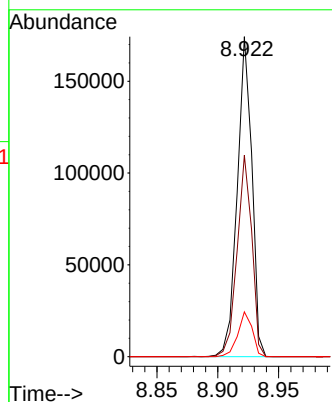
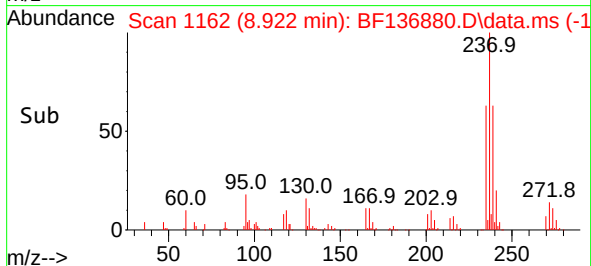
Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MSD



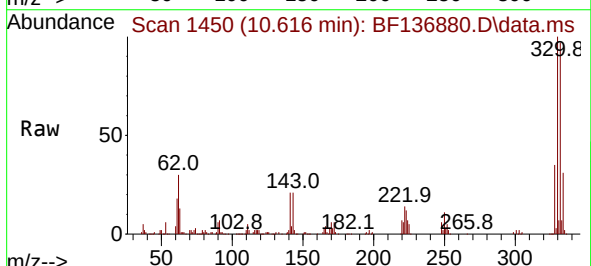
Tgt Ion:237 Resp: 14507
Ion Ratio Lower Upper
237 100
235 63.0 43.2 83.2
272 14.0 0.0 34.2

Manual Integrations
APPROVED

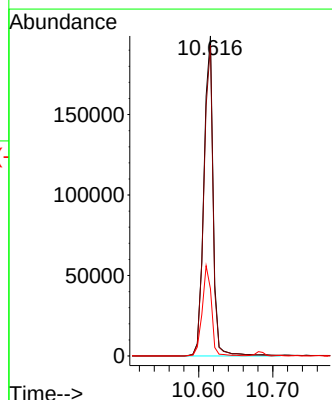
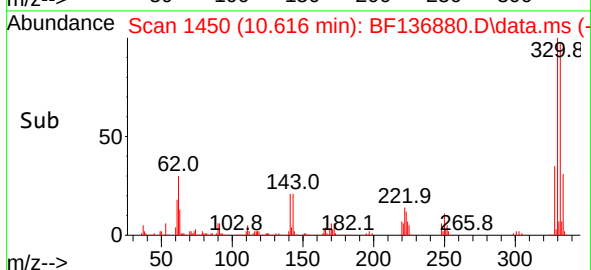
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024

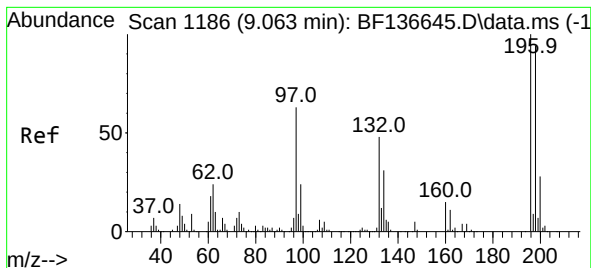


#42
2,4,6-Tribromophenol
Concen: 96.796 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55



Tgt Ion:330 Resp: 173953
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.0
141 28.2 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 42.068 ng

RT: 9.057 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF136880.D

Acq: 02 Jan 2024 19:55

Instrument :

BNA_F

ClientSampleId :

GHL-SS-06-0-2MSD

Tgt Ion:196 Resp: 127490

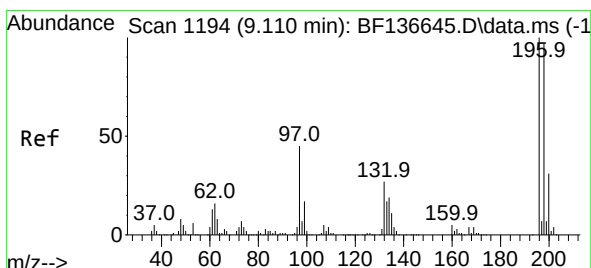
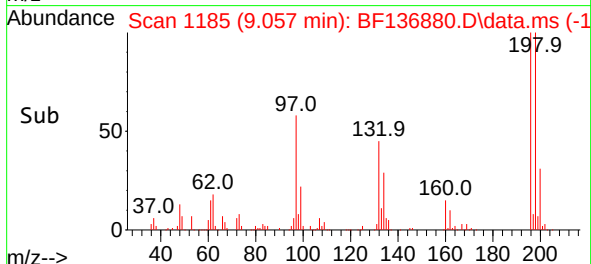
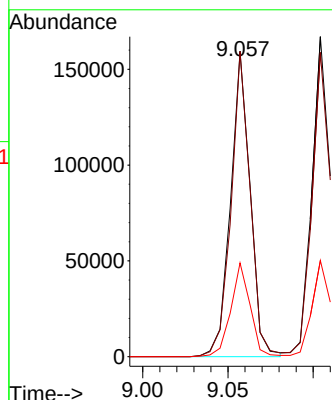
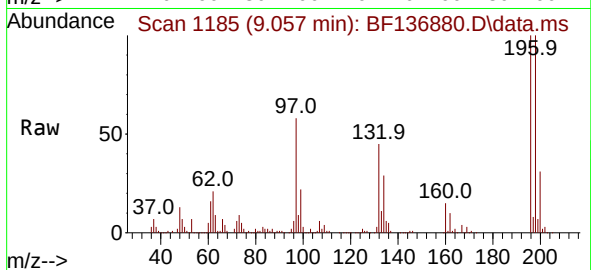
Ion	Ratio	Lower	Upper
196	100		
198	99.9	75.1	112.7
200	30.7	22.5	33.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#44

2,4,5-Trichlorophenol

Concen: 40.935 ng

RT: 9.104 min Scan# 1193

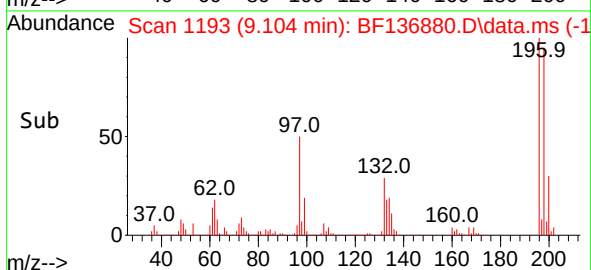
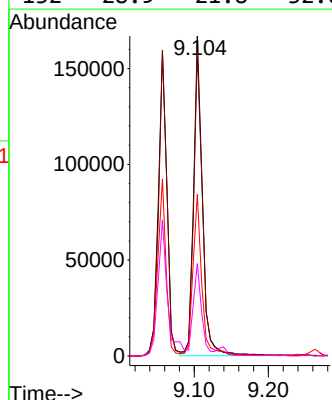
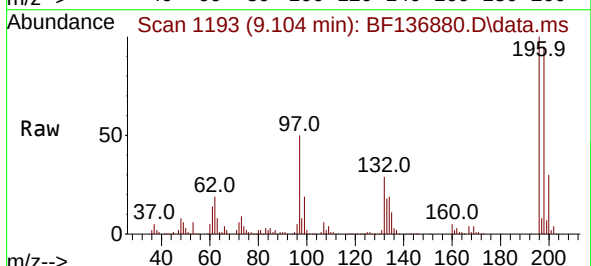
Delta R.T. -0.006 min

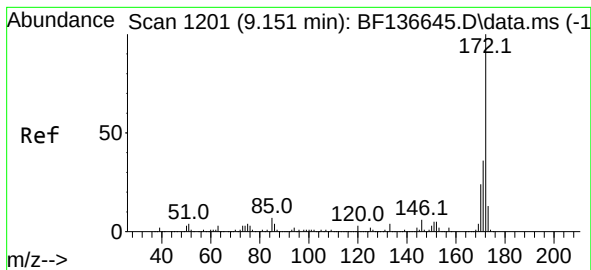
Lab File: BF136880.D

Acq: 02 Jan 2024 19:55

Tgt Ion:196 Resp: 138248

Ion	Ratio	Lower	Upper
196	100		
198	95.1	77.0	115.6
97	50.5	36.1	54.1
132	28.9	21.8	32.6





#45

2-Fluorobiphenyl

Concen: 64.188 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136880.D

Acq: 02 Jan 2024 19:55

Instrument :

BNA_F

ClientSampleId :

GHL-SS-06-0-2MSD

Tgt Ion:172 Resp: 728228

Ion Ratio Lower Upper

172 100

171 35.3 29.0 43.6

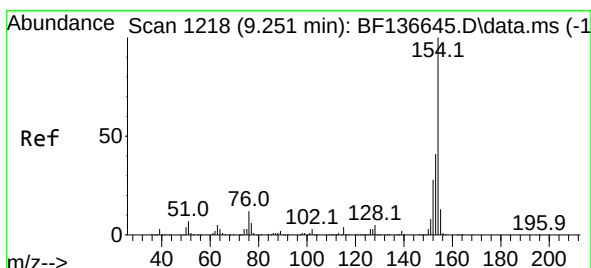
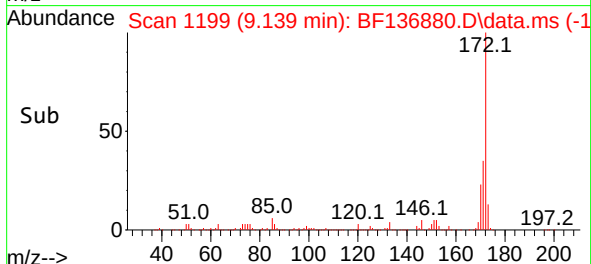
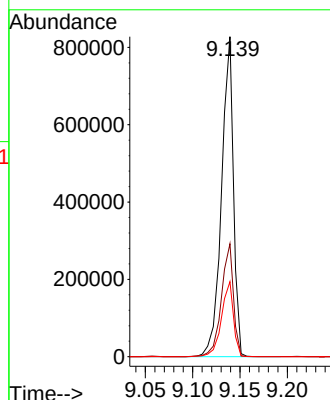
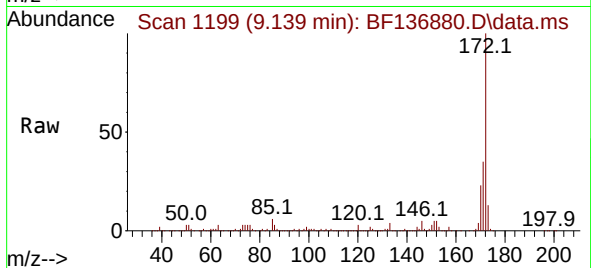
170 23.4 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#46

1,1'-Biphenyl

Concen: 42.642 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF136880.D

Acq: 02 Jan 2024 19:55

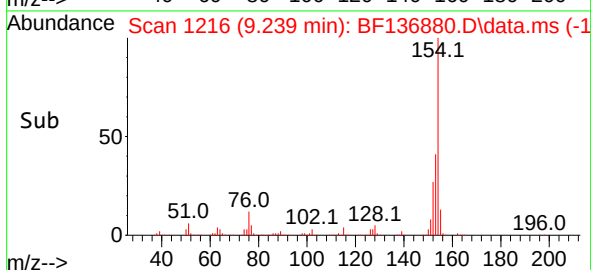
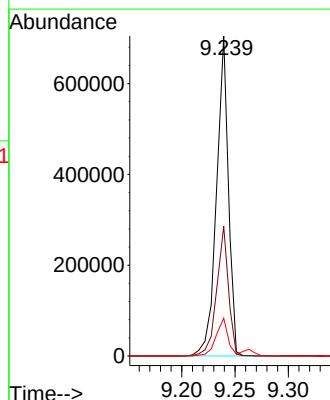
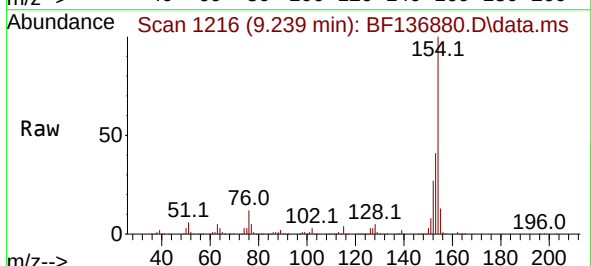
Tgt Ion:154 Resp: 546019

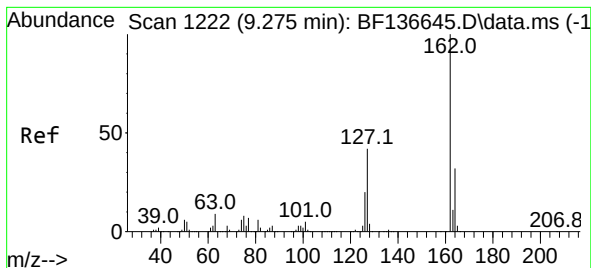
Ion Ratio Lower Upper

154 100

153 40.6 21.1 61.1

76 11.8 0.0 31.7





#47

2-Chloronaphthalene

Concen: 40.708 ng

RT: 9.263 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136880.D

Acq: 02 Jan 2024 19:55

Instrument :

BNA_F

ClientSampleId :

GHL-SS-06-0-2MSD

Tgt Ion:162 Resp: 396270

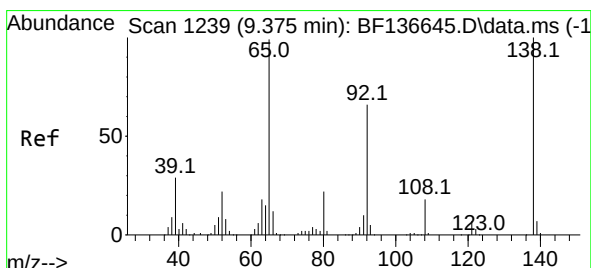
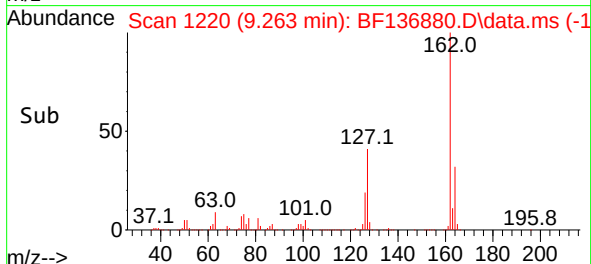
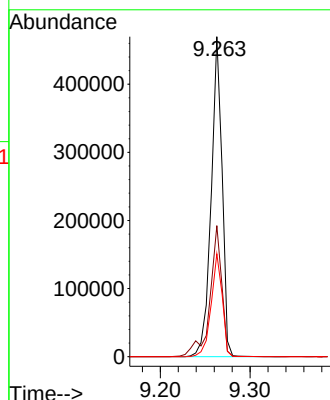
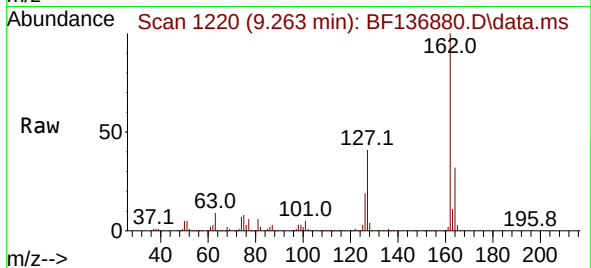
Ion	Ratio	Lower	Upper
162	100		
127	40.9	33.6	50.4
164	32.1	25.7	38.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#48

2-Nitroaniline

Concen: 41.143 ng

RT: 9.369 min Scan# 1238

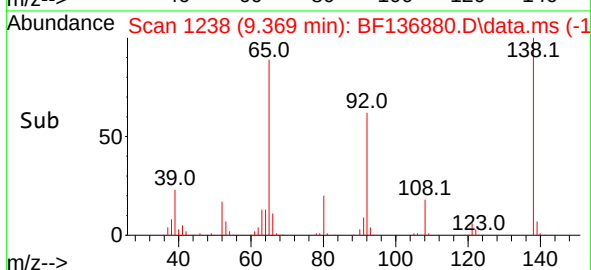
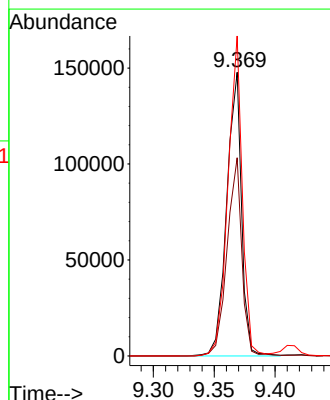
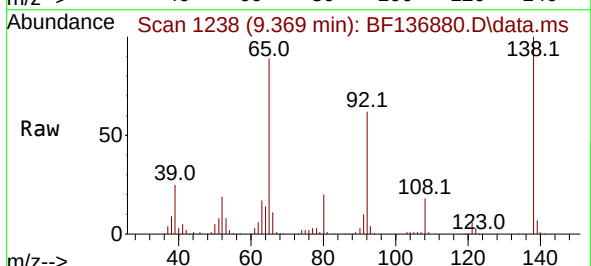
Delta R.T. -0.006 min

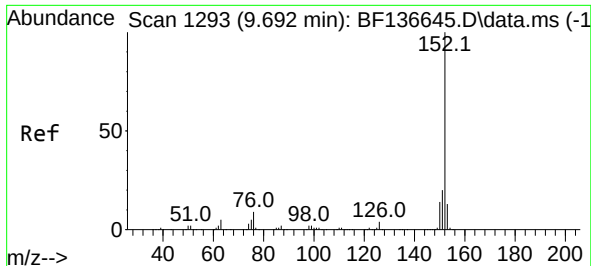
Lab File: BF136880.D

Acq: 02 Jan 2024 19:55

Tgt Ion: 65 Resp: 125417

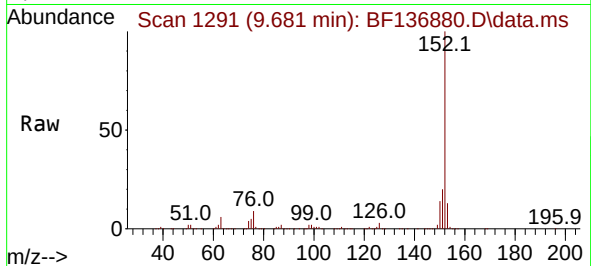
Ion	Ratio	Lower	Upper
65	100		
92	69.9	53.2	79.8
138	112.8	81.1	121.7





#49
Acenaphthylene
Concen: 44.426 ng
RT: 9.681 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

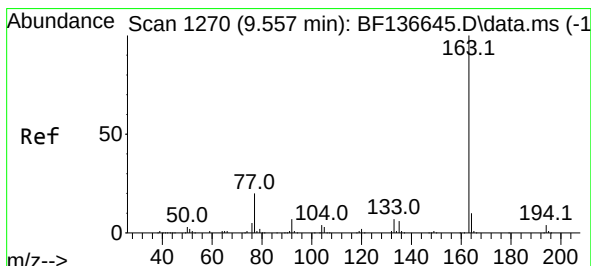
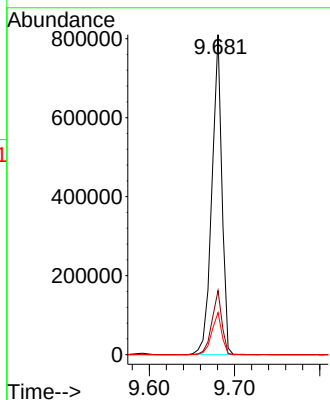
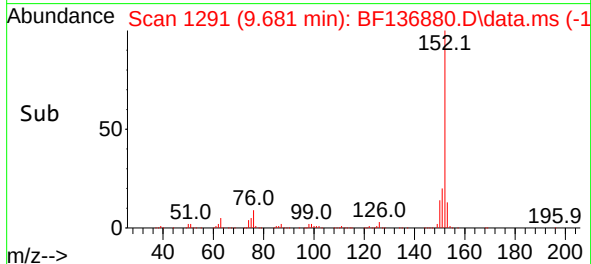
Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MSD



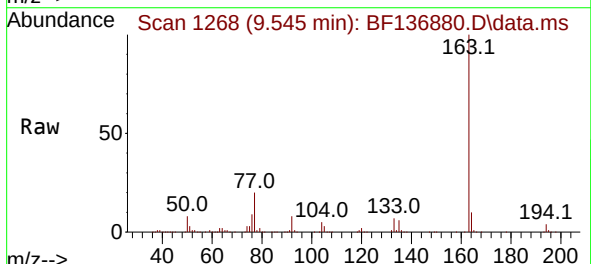
Tgt Ion:152 Resp: 661004
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 13.2 10.2 15.2

Manual Integrations
APPROVED

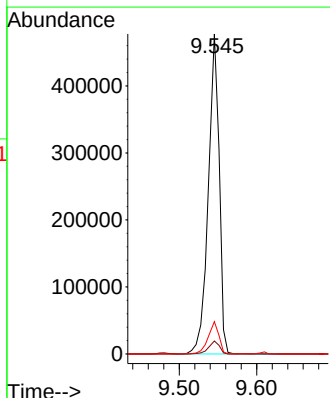
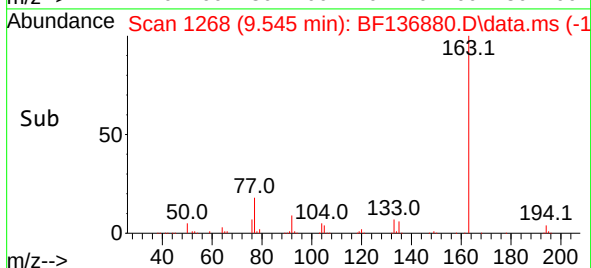
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024

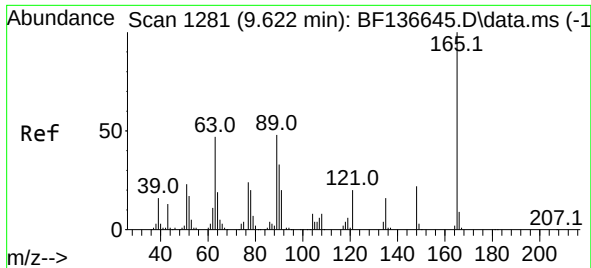


#50
Dimethylphthalate
Concen: 41.835 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55



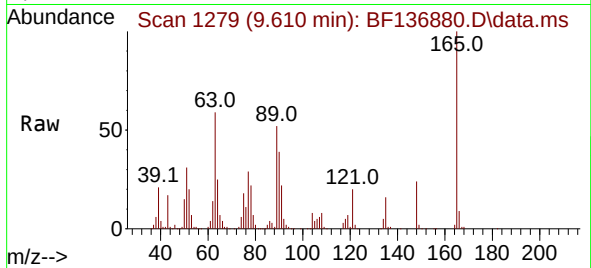
Tgt Ion:163 Resp: 466278
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.1 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 40.450 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

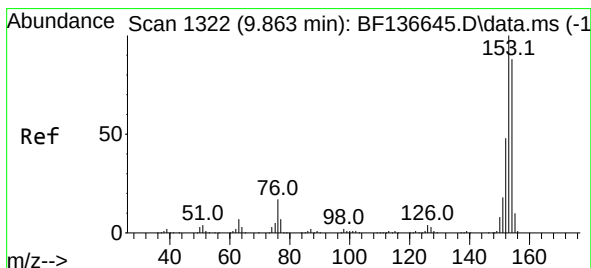
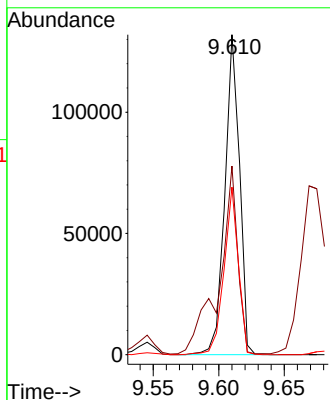
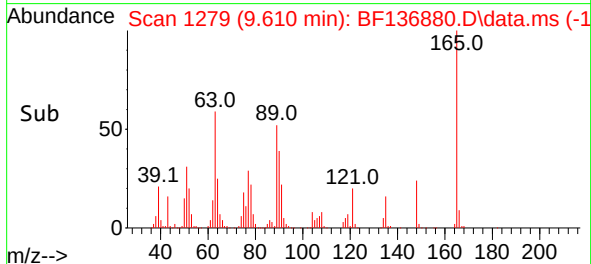
Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MSD



Tgt Ion:165 Resp: 102319
Ion Ratio Lower Upper
165 100
63 58.9 39.8 59.6
89 52.4 38.8 58.2

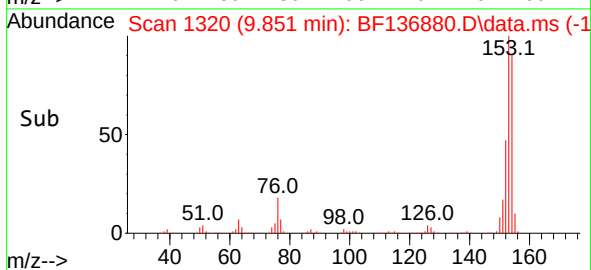
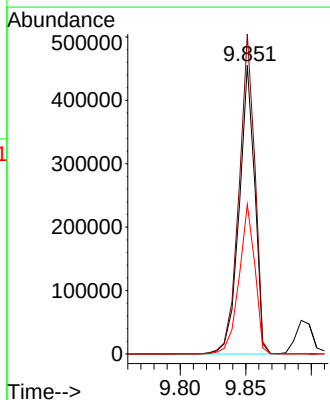
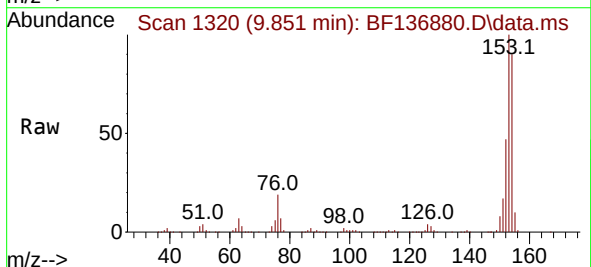
Manual Integrations
APPROVED

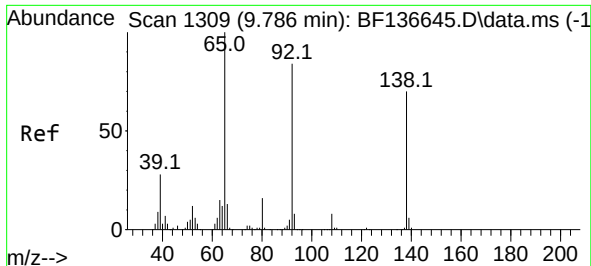
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#52
Acenaphthene
Concen: 40.805 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

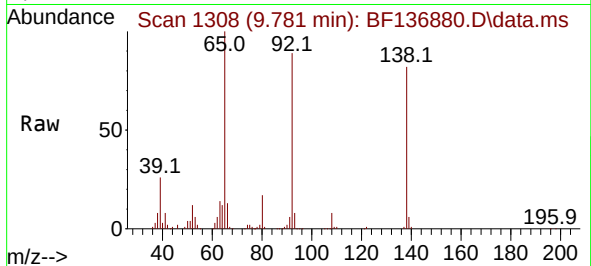
Tgt Ion:154 Resp: 376348
Ion Ratio Lower Upper
154 100
153 110.9 90.7 136.1
152 51.9 43.7 65.5





#53
3-Nitroaniline
Concen: 25.820 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

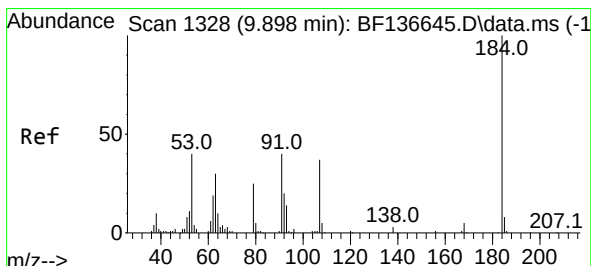
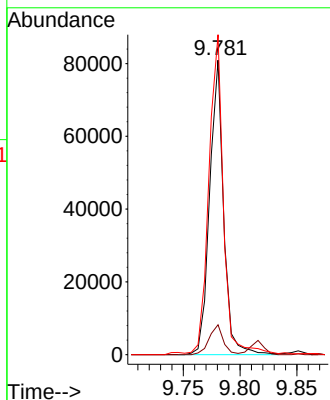
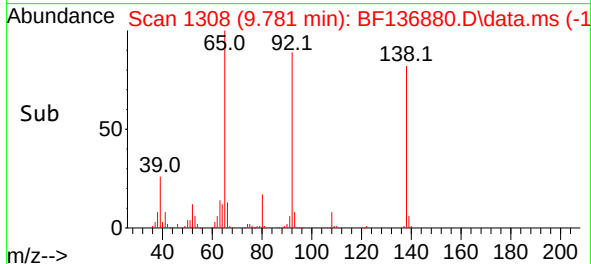
Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MSD



Tgt Ion:138 Resp: 69180
Ion Ratio Lower Upper
138 100
108 10.2 8.6 12.8
92 108.7 95.2 142.8

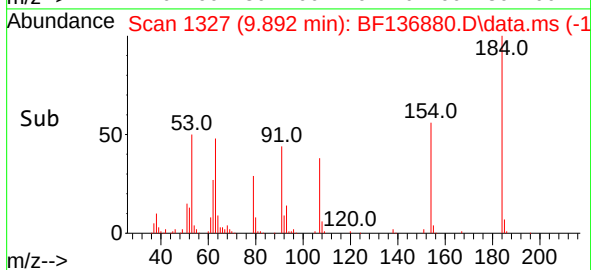
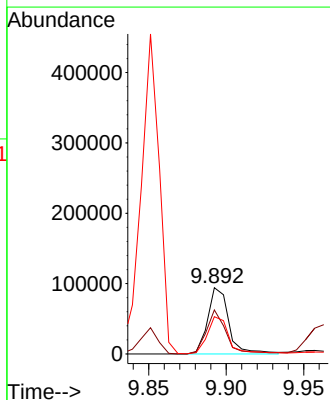
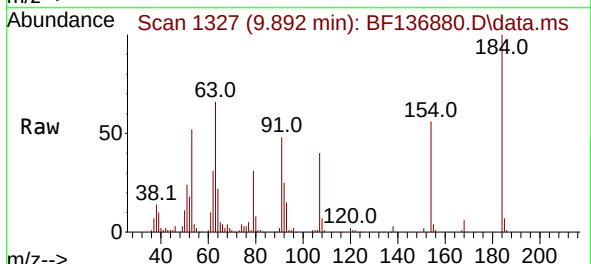
Manual Integrations
APPROVED

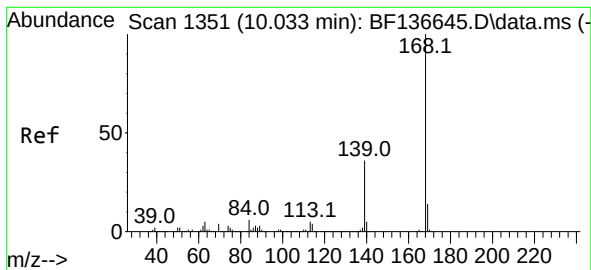
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#54
2,4-Dinitrophenol
Concen: 64.572 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

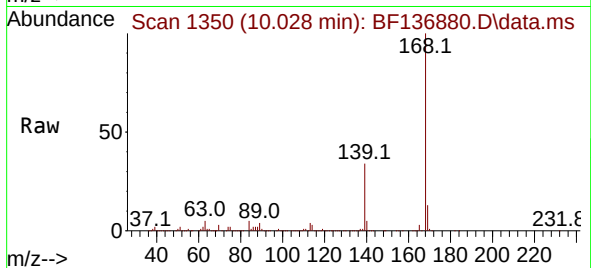
Tgt Ion:184 Resp: 89466
Ion Ratio Lower Upper
184 100
63 66.3 40.9 61.3#
154 56.3 42.7 64.1





#55
Dibenzofuran
Concen: 40.932 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

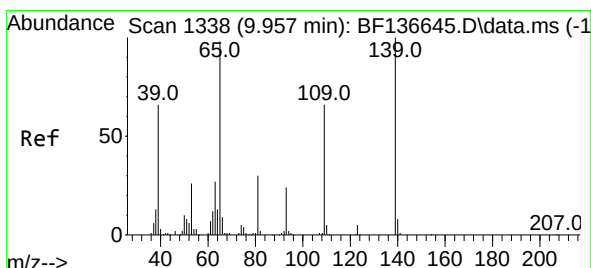
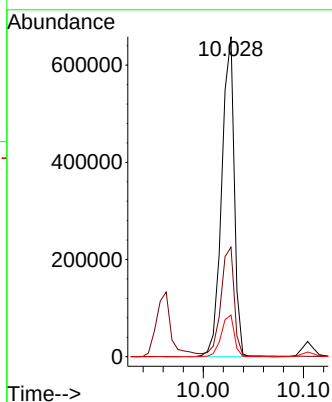
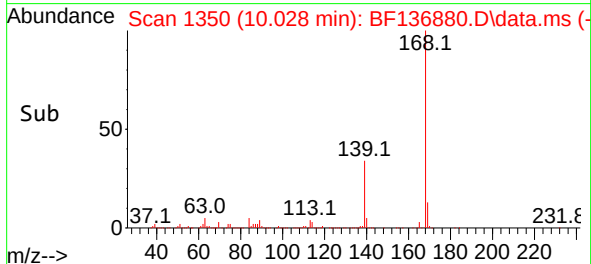
Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MSD



Tgt Ion:168 Resp: 572270
Ion Ratio Lower Upper
168 100
139 34.2 29.3 43.9
169 13.0 11.0 16.4

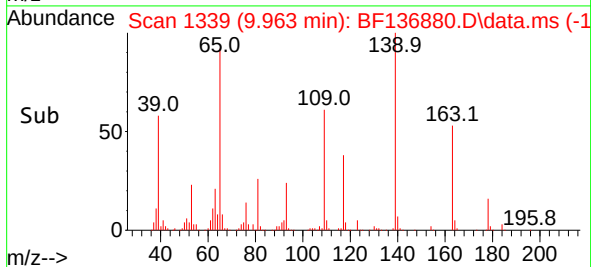
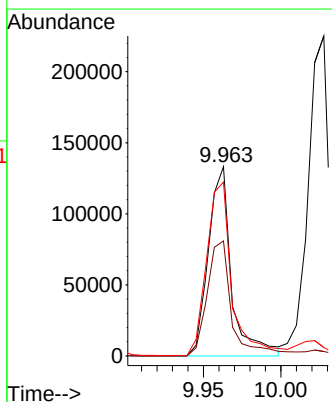
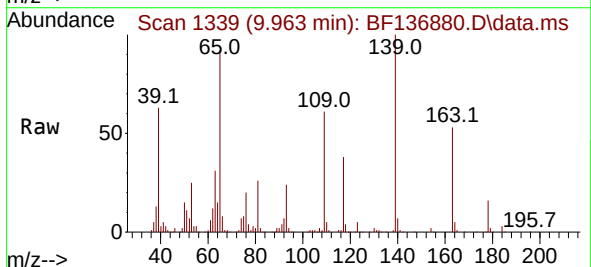
Manual Integrations
APPROVED

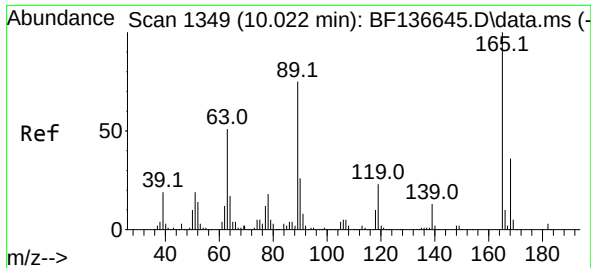
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#56
4-Nitrophenol
Concen: 76.600 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

Tgt Ion:139 Resp: 138559
Ion Ratio Lower Upper
139 100
109 60.8 45.8 85.8
65 91.9 77.8 117.8





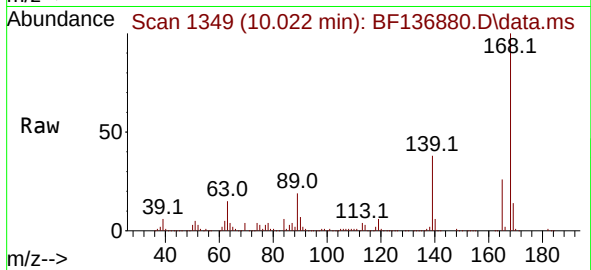
#57
2,4-Dinitrotoluene
Concen: 39.585 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

Instrument :

BNA_F

ClientSampleId :

GHL-SS-06-0-2MSD



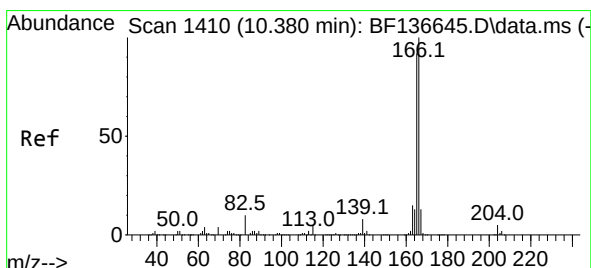
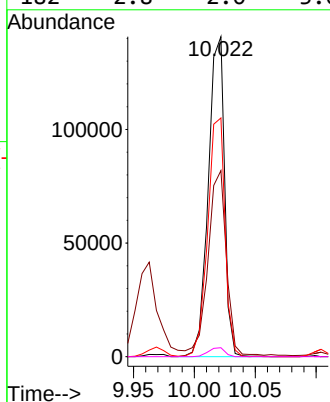
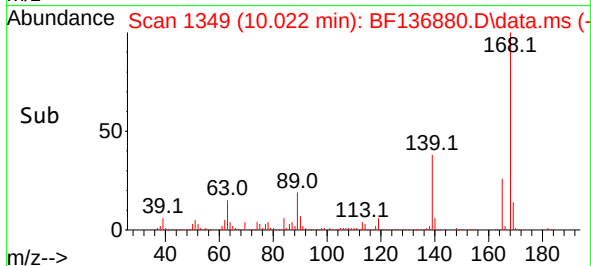
Tgt Ion:165 Resp: 129989
Ion Ratio Lower Upper
165 100
63 58.2 41.0 61.6
89 74.6 59.9 89.9
182 2.8 2.0 3.0

Manual Integrations

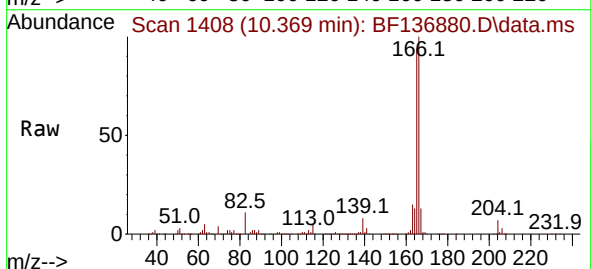
APPROVED

Reviewed By :Yogesh Patel 01/03/2024

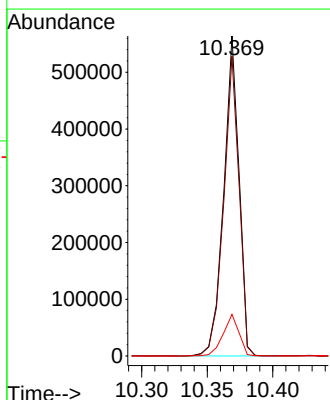
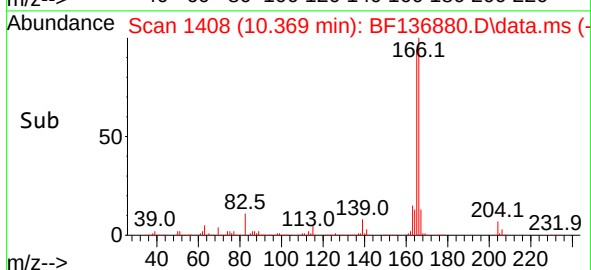
Supervised By :mohammad ahmed 01/03/2024

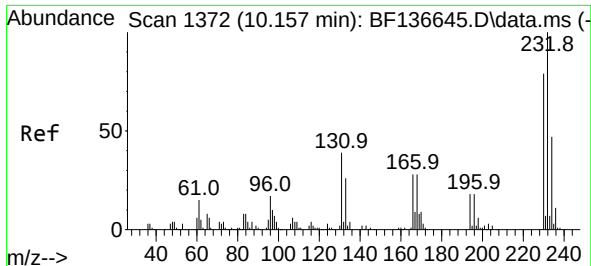


#58
Fluorene
Concen: 41.217 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55



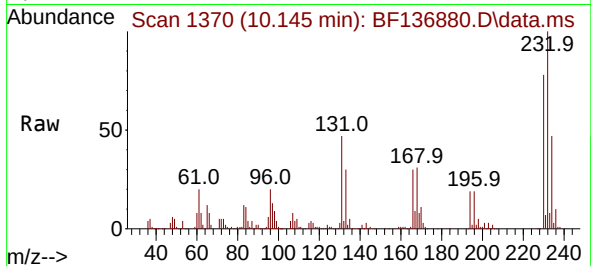
Tgt Ion:166 Resp: 457240
Ion Ratio Lower Upper
166 100
165 93.6 73.7 110.5
167 13.0 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.043 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

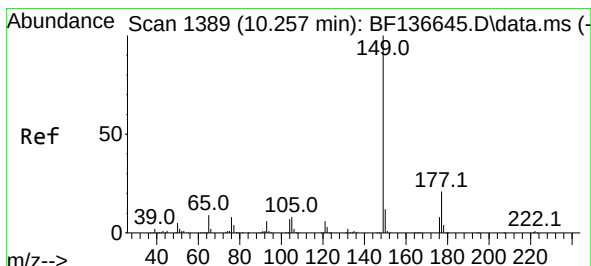
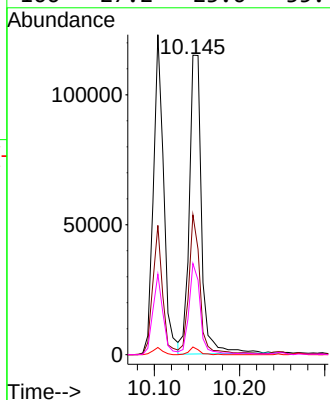
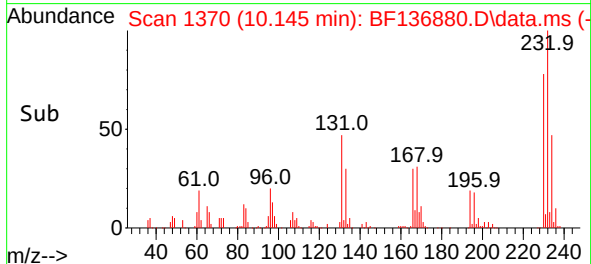
Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MSD



Tgt Ion:232 Resp: 11450
Ion Ratio Lower Upper
232 100
131 40.7 35.1 52.7
130 2.1 1.6 2.4
166 27.2 23.6 35.4

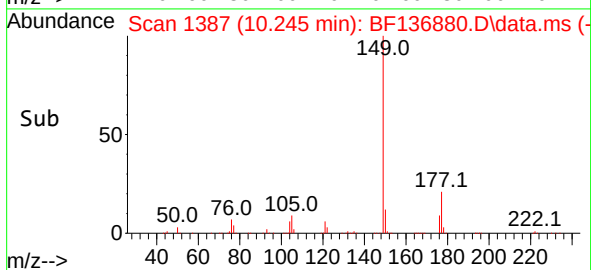
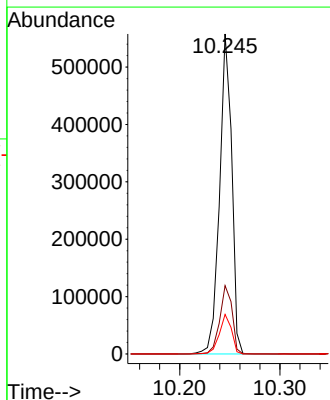
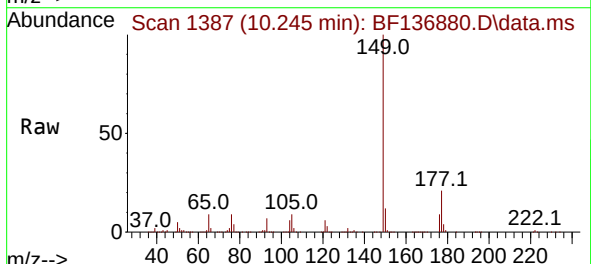
Manual Integrations
APPROVED

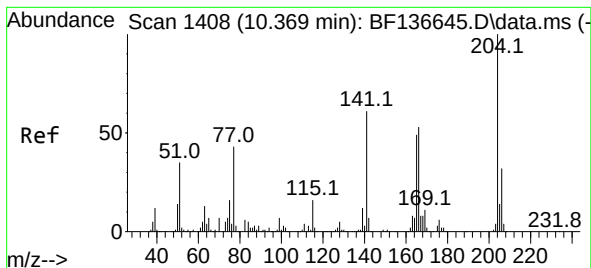
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#60
Diethylphthalate
Concen: 40.426 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

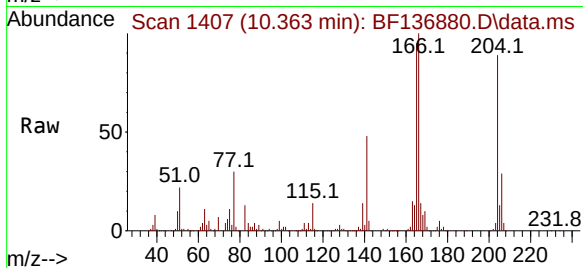
Tgt Ion:149 Resp: 467500
Ion Ratio Lower Upper
149 100
177 21.3 16.9 25.3
150 12.4 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 40.490 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

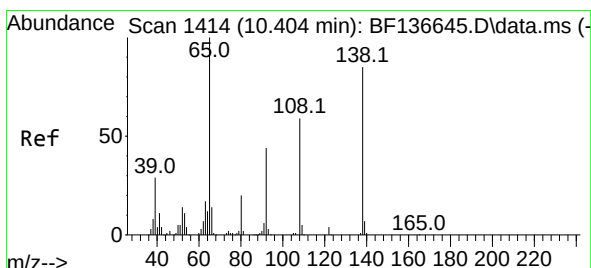
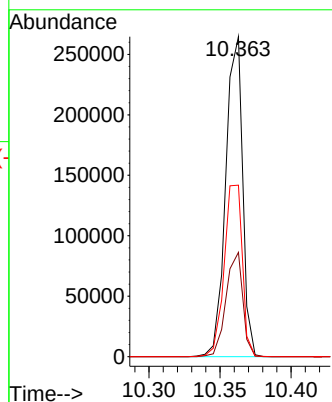
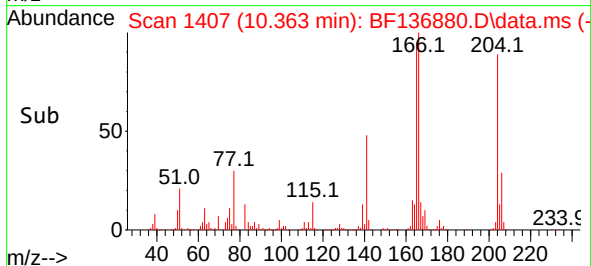
Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MSD



Tgt Ion:204 Resp: 218329
Ion Ratio Lower Upper
204 100
206 32.6 25.6 38.4
141 53.6 48.4 72.6

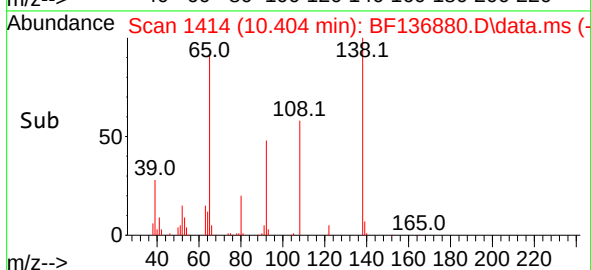
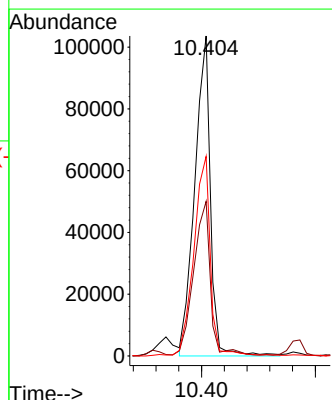
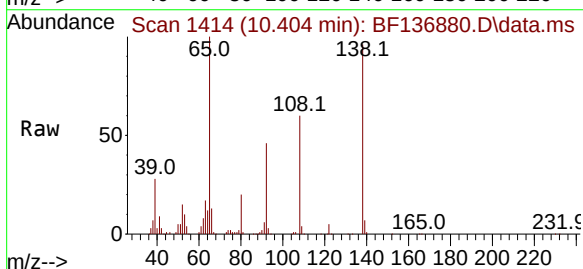
Manual Integrations
APPROVED

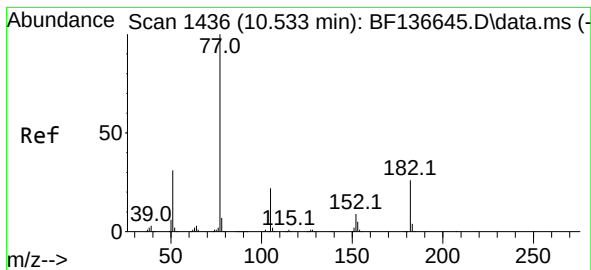
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#62
4-Nitroaniline
Concen: 38.655 ng m
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

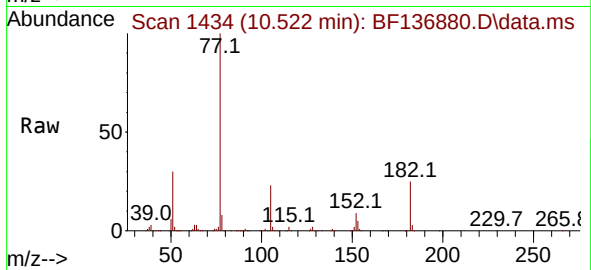
Tgt Ion:138 Resp: 99852
Ion Ratio Lower Upper
138 100
92 48.3 32.1 72.1
108 62.4 50.1 90.1





#63
Azobenzene
Concen: 40.238 ng
RT: 10.522 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

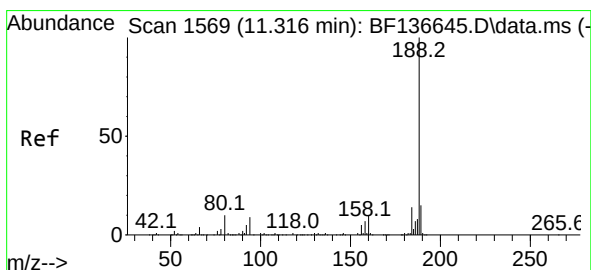
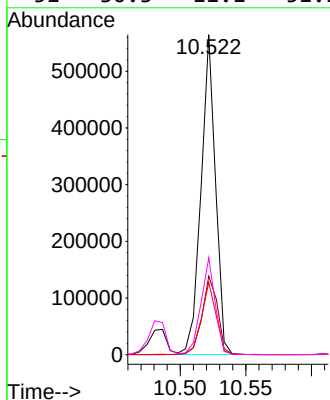
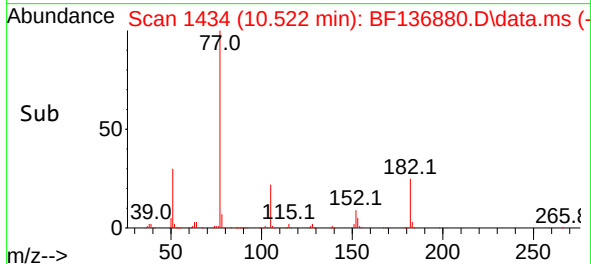
Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MSD



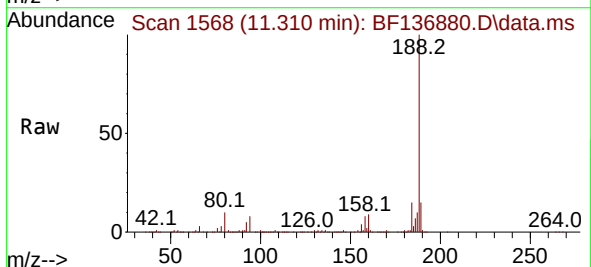
Tgt Ion: 77 Resp: 434619
Ion Ratio Lower Upper
77 100
182 24.6 6.0 46.0
105 22.7 2.3 42.3
51 30.3 11.1 51.1

Manual Integrations
APPROVED

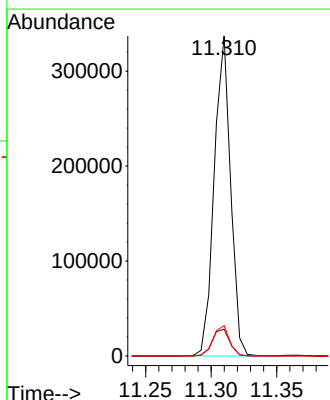
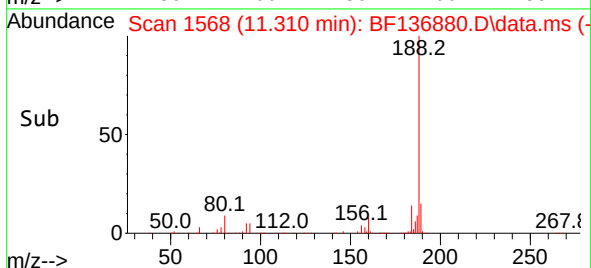
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024

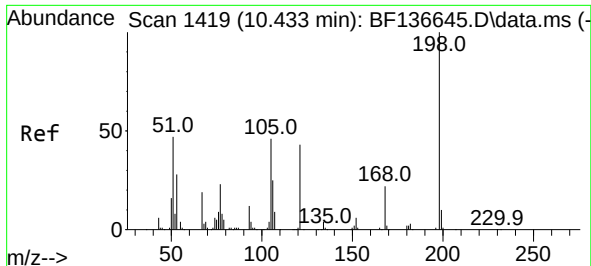


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55



Tgt Ion:188 Resp: 291768
Ion Ratio Lower Upper
188 100
94 8.4 7.5 11.3
80 9.5 8.1 12.1





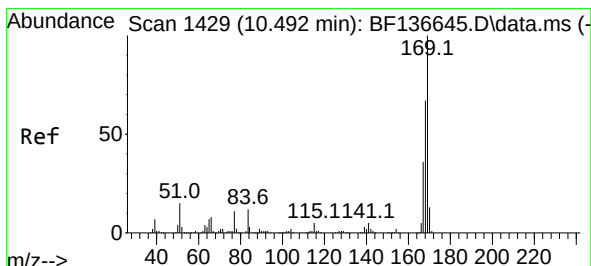
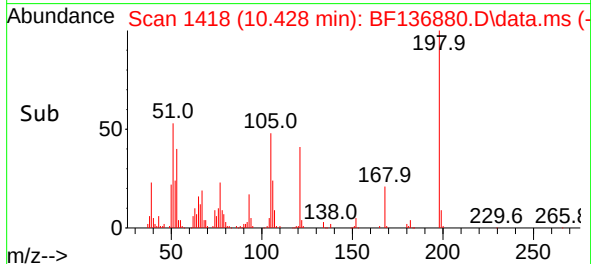
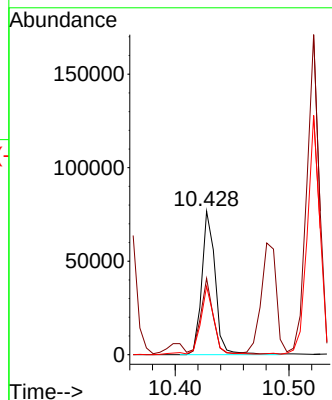
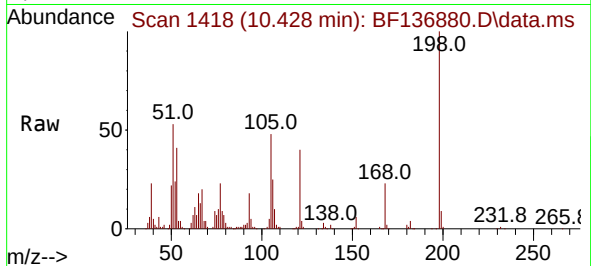
#65
4,6-Dinitro-2-methylphenol
Concen: 37.818 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

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

Tgt Ion:198 Resp: 63230
Ion Ratio Lower Upper
198 100
51 53.2 34.1 74.1
105 47.6 27.3 67.3

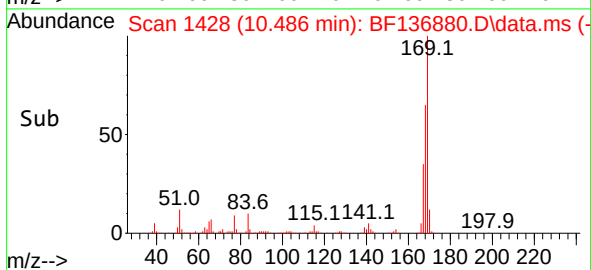
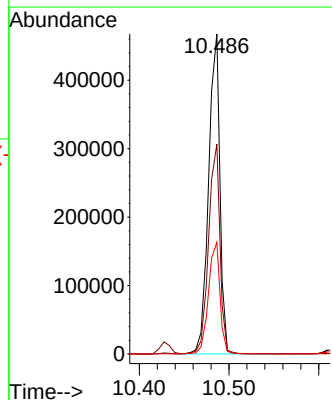
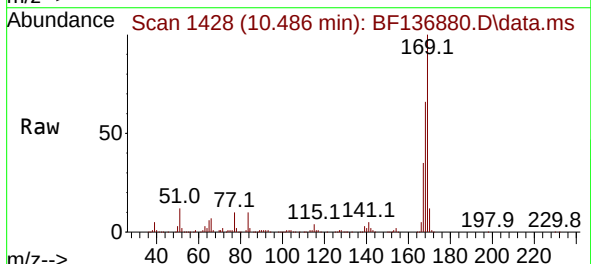
Manual Integrations
APPROVED

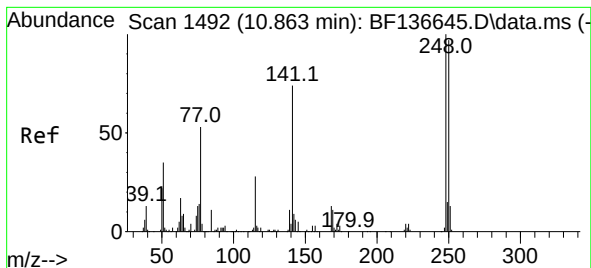
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#66
n-Nitrosodiphenylamine
Concen: 43.143 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

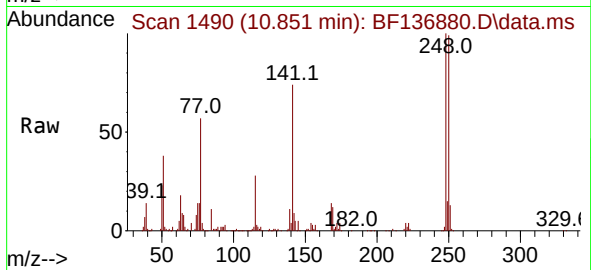
Tgt Ion:169 Resp: 408909
Ion Ratio Lower Upper
169 100
168 65.6 53.8 80.6
167 34.9 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 41.072 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

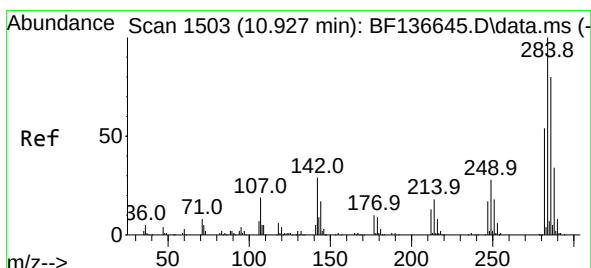
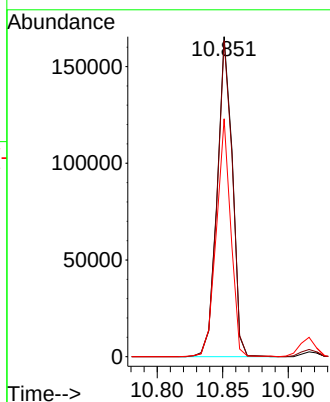
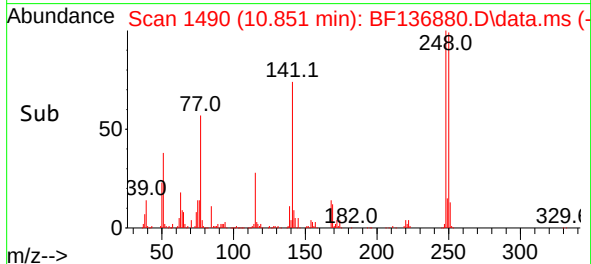
Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MSD



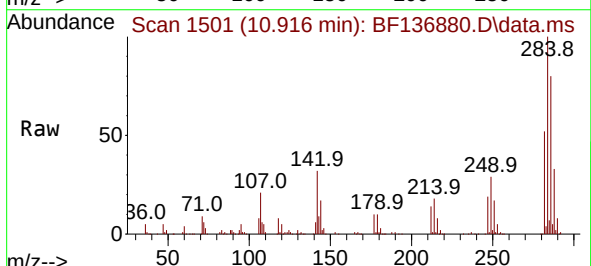
Tgt Ion:248 Resp: 133080
Ion Ratio Lower Upper
248 100
250 98.8 77.8 116.6
141 74.3 59.2 88.8

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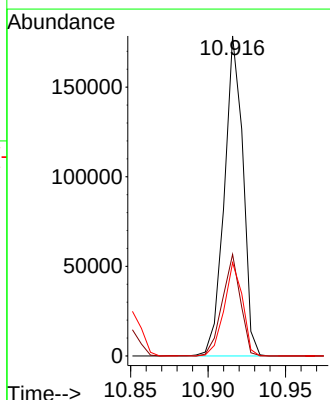
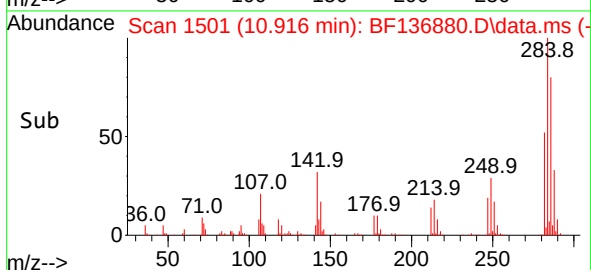
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024

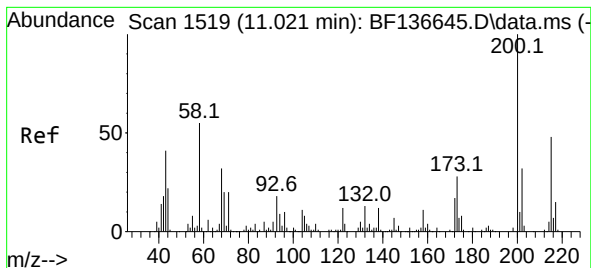


#68
Hexachlorobenzene
Concen: 41.243 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.012 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55



Tgt Ion:284 Resp: 148928
Ion Ratio Lower Upper
284 100
142 31.8 23.4 35.0
249 29.2 22.3 33.5





#69

Atrazine

Concen: 53.946 ng

RT: 11.016 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF136880.D

Acq: 02 Jan 2024 19:55

Instrument :

BNA_F

ClientSampleId :

GHL-SS-06-0-2MSD

Tgt Ion:200 Resp: 130774

Ion Ratio Lower Upper

200 100

173 28.2 7.6 47.6

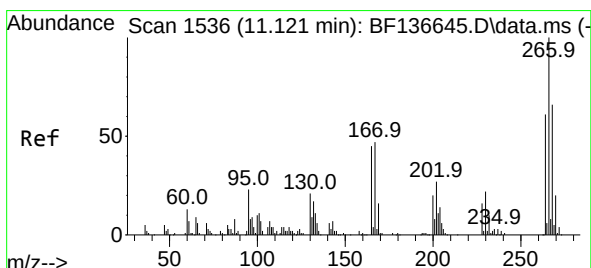
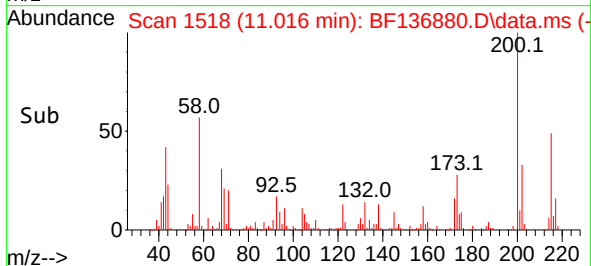
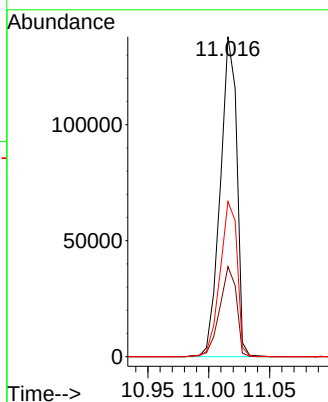
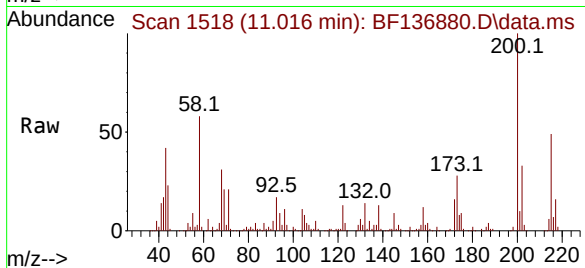
215 48.5 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#70

Pentachlorophenol

Concen: 77.819 ng

RT: 11.122 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF136880.D

Acq: 02 Jan 2024 19:55

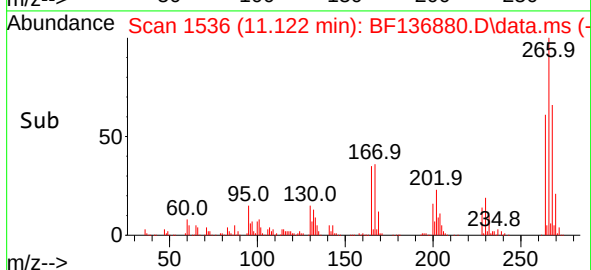
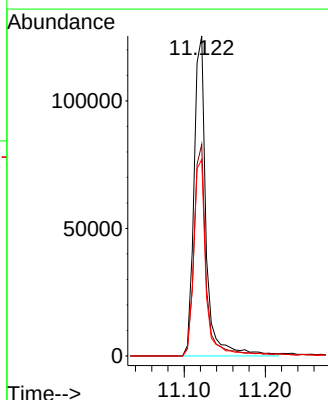
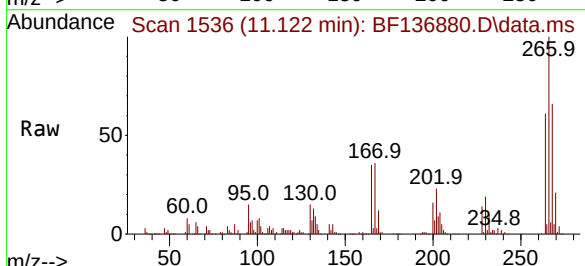
Tgt Ion:266 Resp: 130980

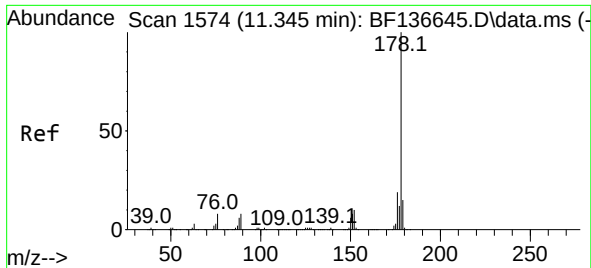
Ion Ratio Lower Upper

266 100

268 66.1 52.6 78.8

264 61.4 49.0 73.4





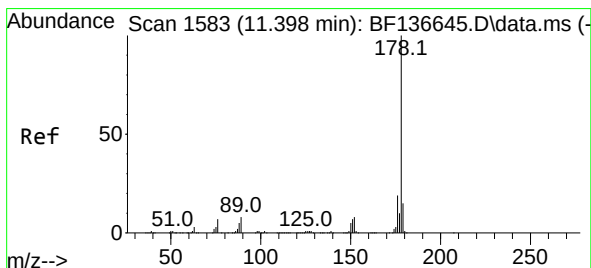
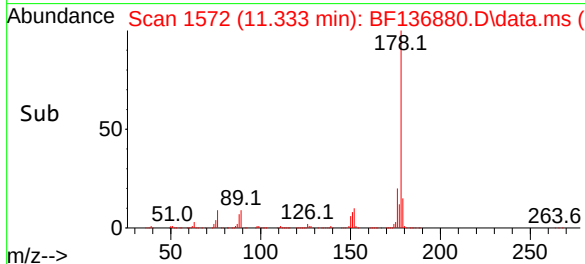
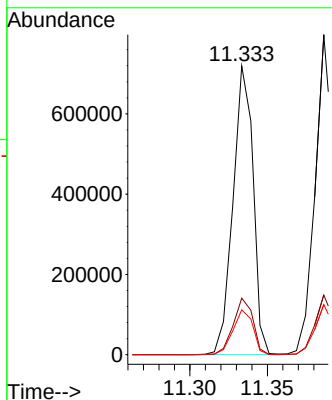
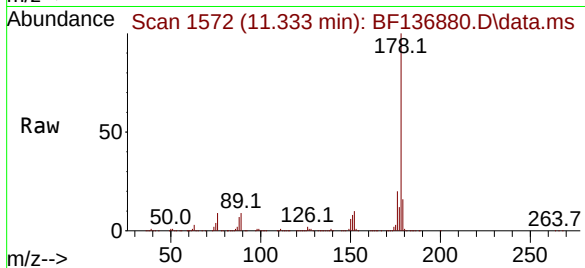
#71
Phenanthrene
Concen: 43.329 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

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

Tgt Ion:178 Resp: 64867
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 15.5 11.9 17.9

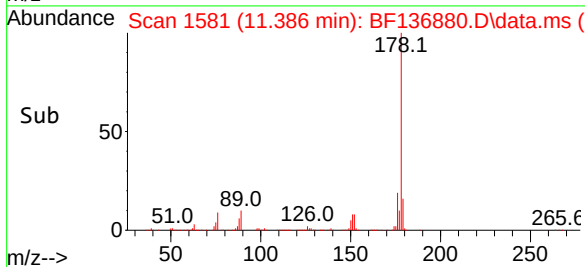
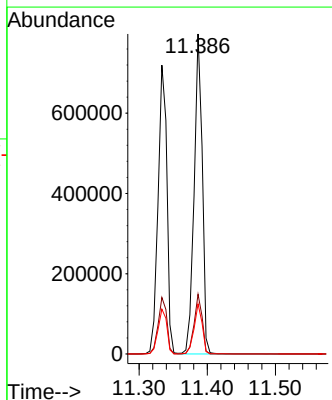
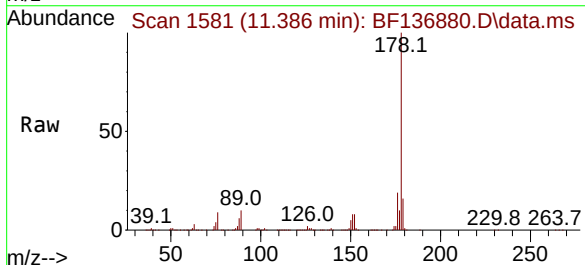
Manual Integrations
APPROVED

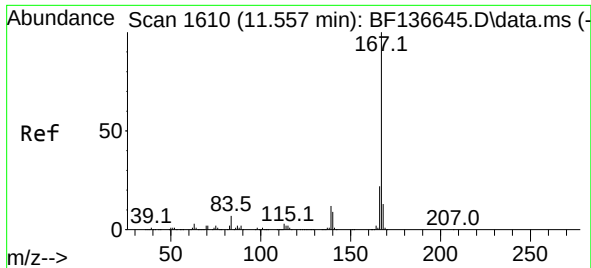
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#72
Anthracene
Concen: 43.519 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

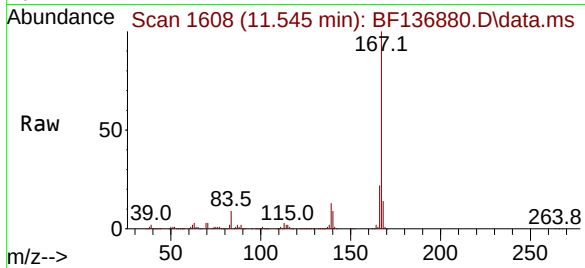
Tgt Ion:178 Resp: 659811
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.7 11.8 17.6





#73
Carbazole
Concen: 42.714 ng
RT: 11.545 min Scan# 1608
Delta R.T. -0.012 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

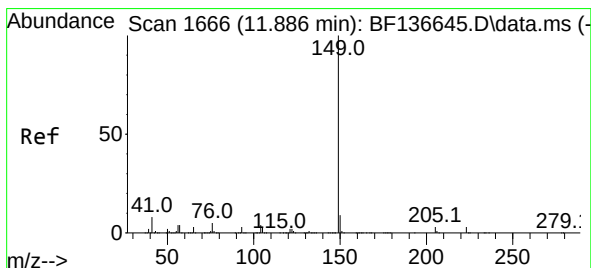
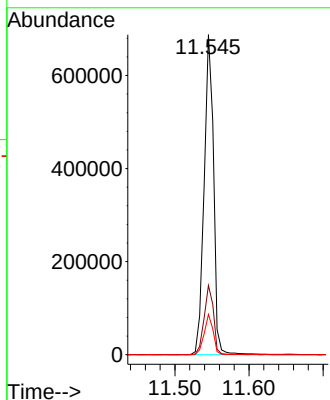
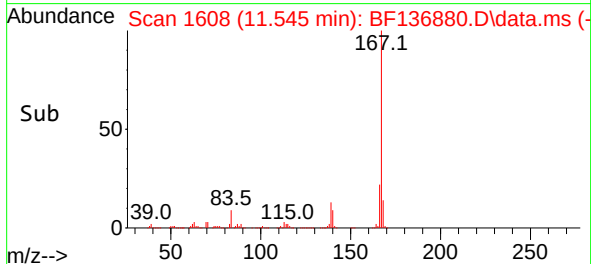
Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MSD



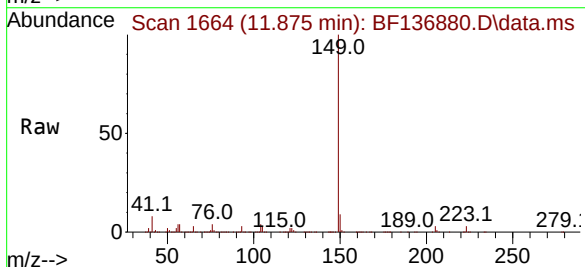
Tgt Ion:167 Resp: 610580
Ion Ratio Lower Upper
167 100
166 21.7 17.3 25.9
139 12.6 9.8 14.6

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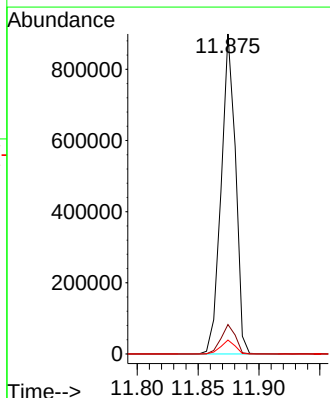
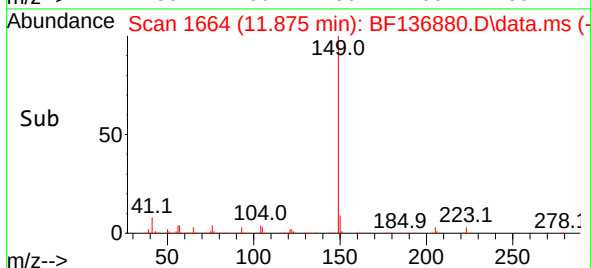
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024

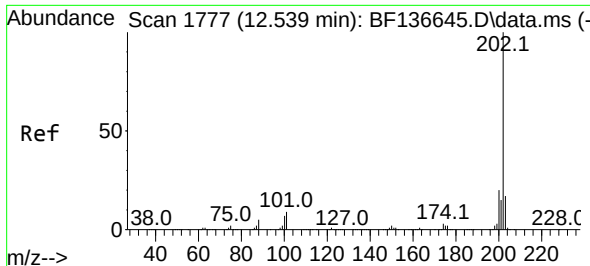


#74
Di-n-butylphthalate
Concen: 42.434 ng
RT: 11.875 min Scan# 1664
Delta R.T. -0.012 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55



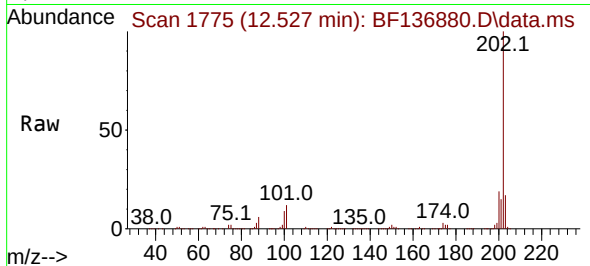
Tgt Ion:149 Resp: 740170
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 4.3 3.6 5.4





#75
Fluoranthene
Concen: 41.761 ng
RT: 12.527 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

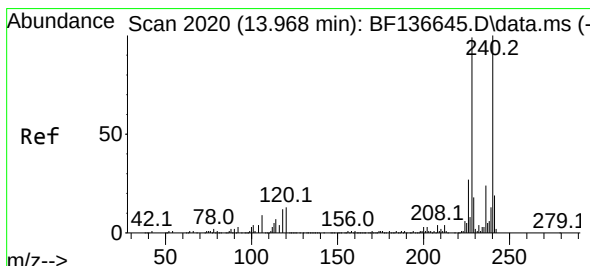
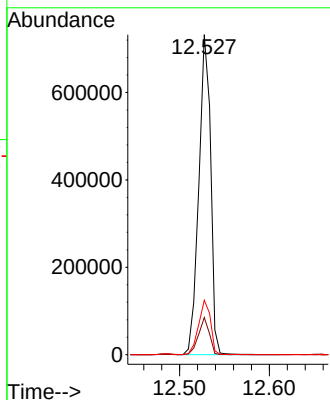
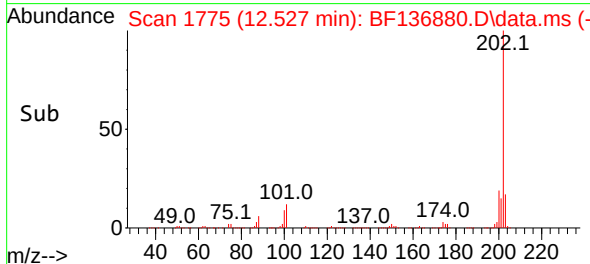
Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MSD



Tgt Ion:202 Resp: 668740
Ion Ratio Lower Upper
202 100
101 11.6 0.0 29.3
203 17.0 0.0 37.1

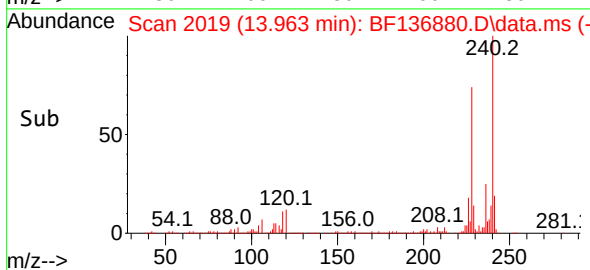
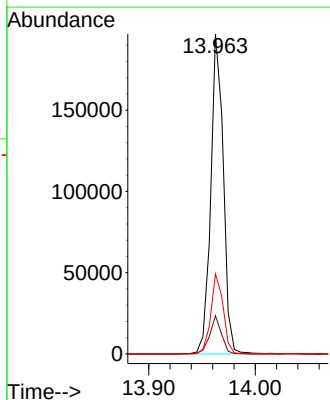
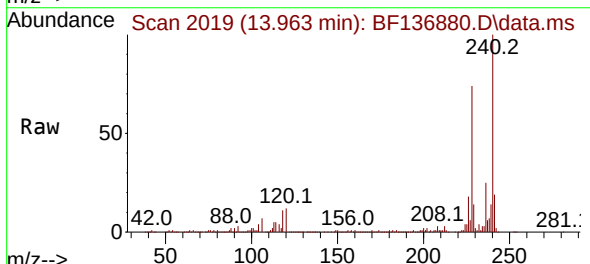
Manual Integrations
APPROVED

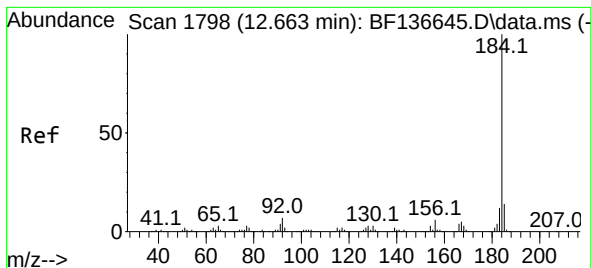
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

Tgt Ion:240 Resp: 161124
Ion Ratio Lower Upper
240 100
120 12.0 10.3 15.5
236 25.0 19.4 29.2





#77

Benzidine

Concen: 36.545 ng

RT: 12.657 min Scan# 1797

Delta R.T. -0.006 min

Lab File: BF136880.D

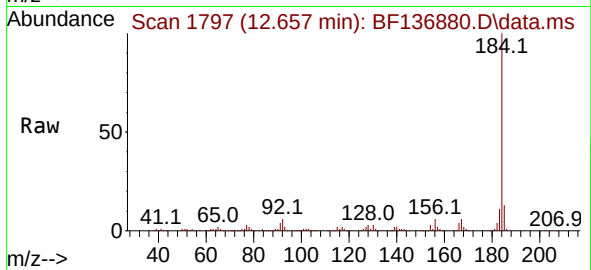
Acq: 02 Jan 2024 19:55

Instrument :

BNA_F

ClientSampleId :

GHL-SS-06-0-2MSD



Tgt Ion:184 Resp: 17362

Ion Ratio Lower Upper

184 100

185 13.3 11.2 16.8

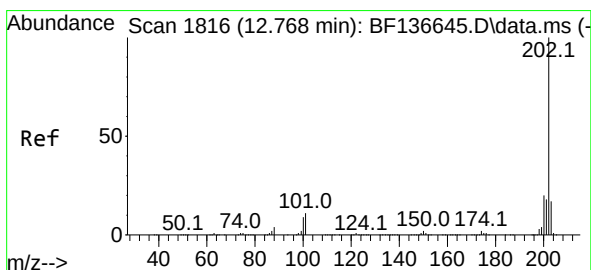
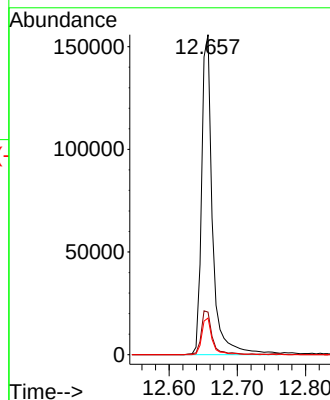
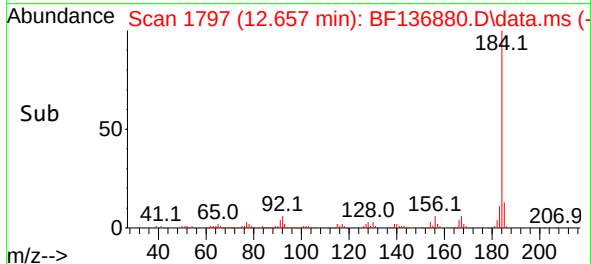
183 11.4 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#78

Pyrene

Concen: 42.086 ng

RT: 12.757 min Scan# 1814

Delta R.T. -0.012 min

Lab File: BF136880.D

Acq: 02 Jan 2024 19:55

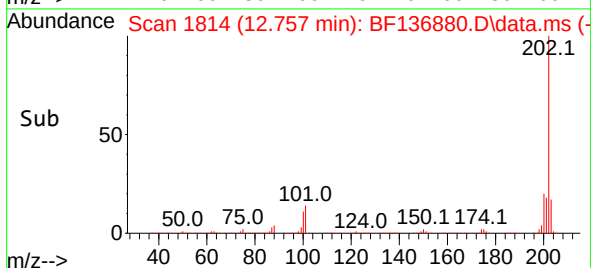
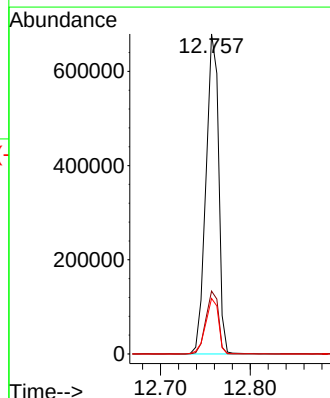
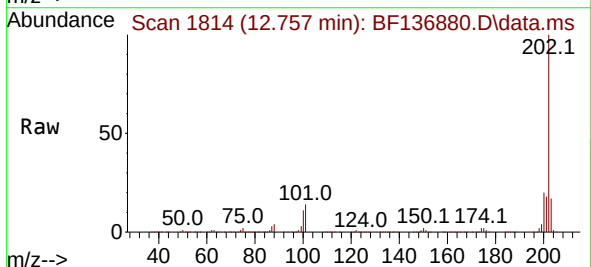
Tgt Ion:202 Resp: 665678

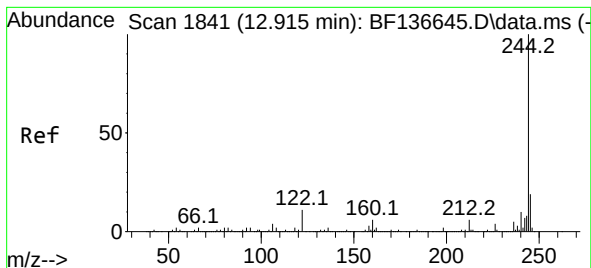
Ion Ratio Lower Upper

202 100

200 19.7 15.9 23.9

203 17.3 13.8 20.6





#79

Terphenyl-d14

Concen: 67.314 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136880.D

Acq: 02 Jan 2024 19:55

Instrument :

BNA_F

ClientSampleId :

GHL-SS-06-0-2MSD

Tgt Ion:244 Resp: 776115

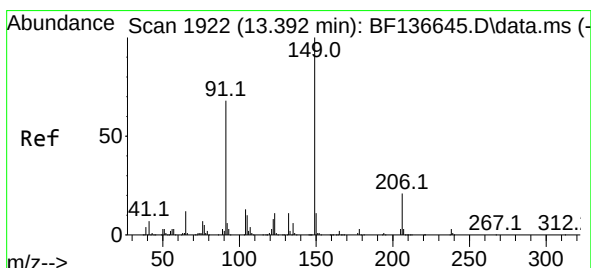
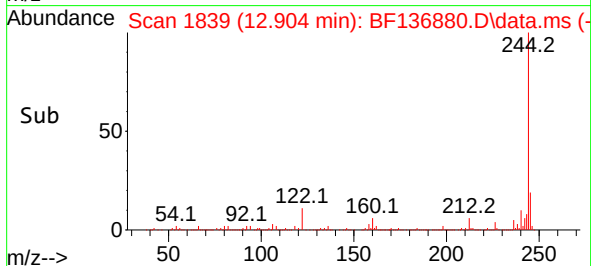
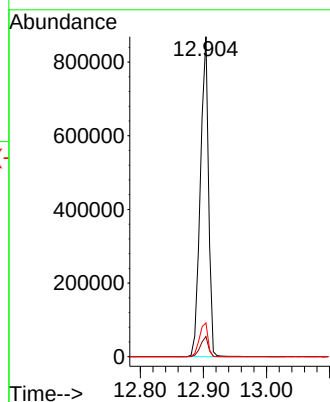
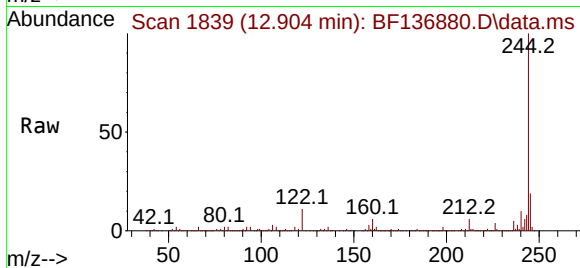
Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.0	7.4
122	10.6	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#80

Butylbenzylphthalate

Concen: 45.065 ng

RT: 13.380 min Scan# 1920

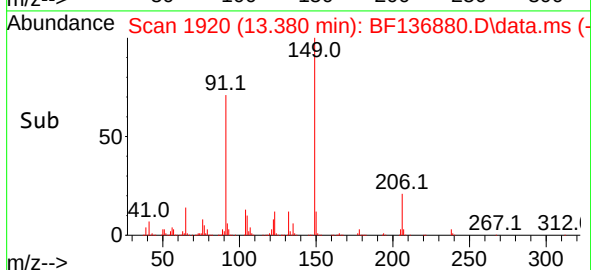
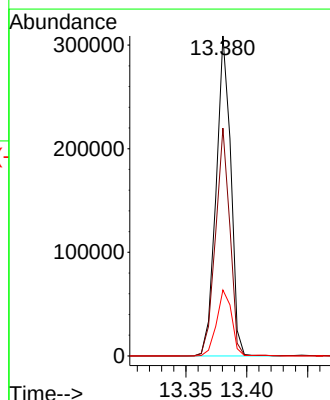
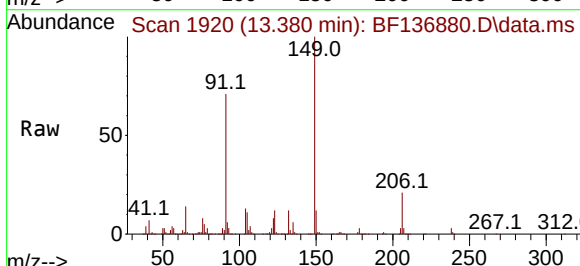
Delta R.T. -0.012 min

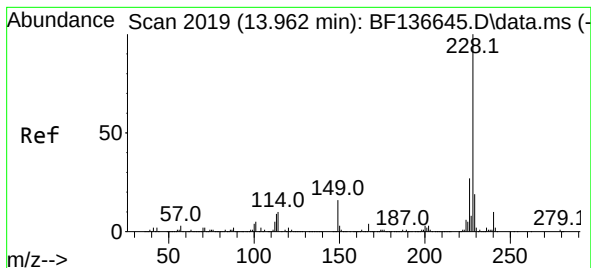
Lab File: BF136880.D

Acq: 02 Jan 2024 19:55

Tgt Ion:149 Resp: 259364

Ion	Ratio	Lower	Upper
149	100		
91	71.2	54.1	81.1
206	20.6	17.1	25.7





#81

Benzo(a)anthracene

Concen: 42.755 ng

RT: 13.951 min Scan# 2017

Delta R.T. -0.012 min

Lab File: BF136880.D

Acq: 02 Jan 2024 19:55

Instrument :

BNA_F

ClientSampleId :

GHL-SS-06-0-2MSD

Tgt Ion:228 Resp: 478350

Ion Ratio Lower Upper

228 100

226 27.1 21.4 32.0

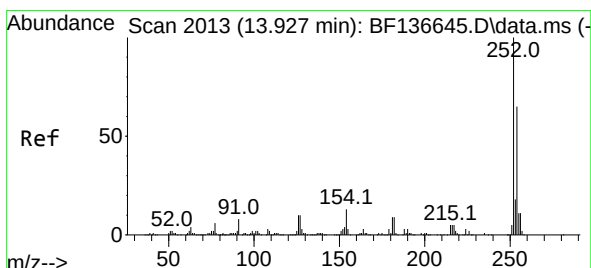
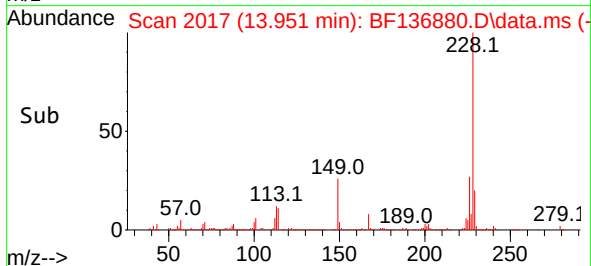
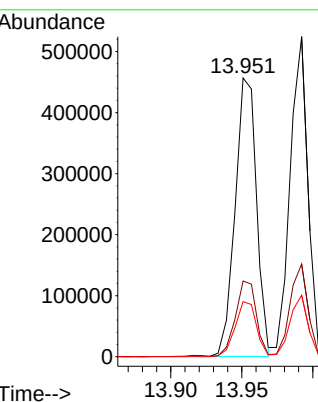
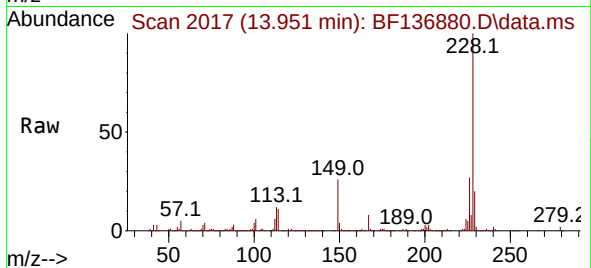
229 19.7 14.9 22.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#82

3,3'-Dichlorobenzidine

Concen: 37.691 ng

RT: 13.916 min Scan# 2011

Delta R.T. -0.012 min

Lab File: BF136880.D

Acq: 02 Jan 2024 19:55

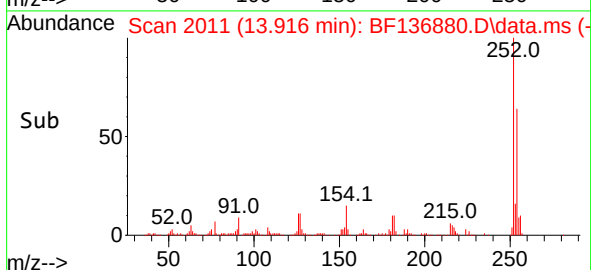
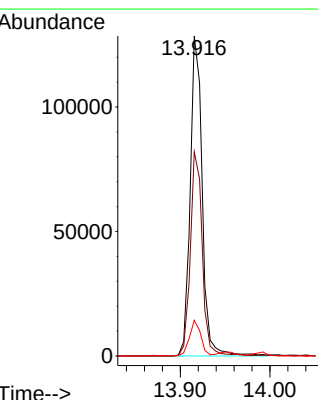
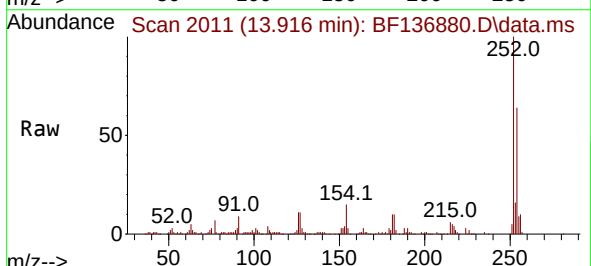
Tgt Ion:252 Resp: 119760

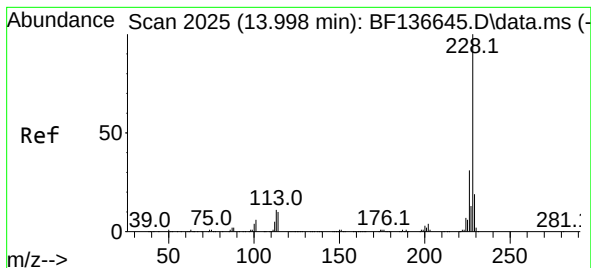
Ion Ratio Lower Upper

252 100

254 63.8 52.2 78.4

126 11.2 8.0 12.0





#83

Chrysene

Concen: 41.853 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136880.D

Acq: 02 Jan 2024 19:55

Instrument :

BNA_F

ClientSampleId :

GHL-SS-06-0-2MSD

Tgt Ion:228 Resp: 45791

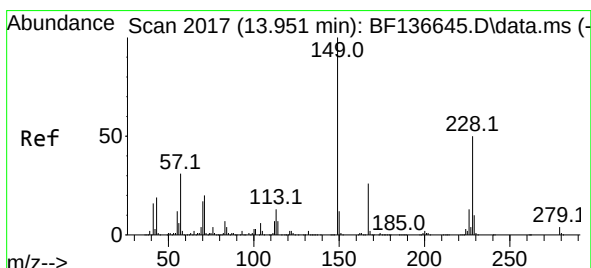
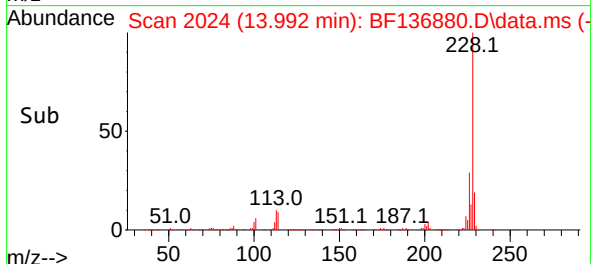
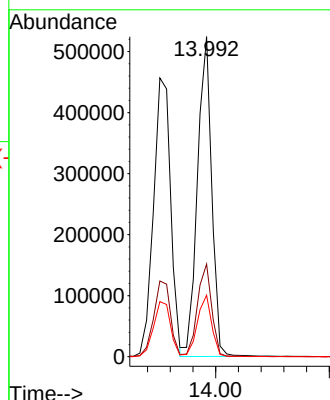
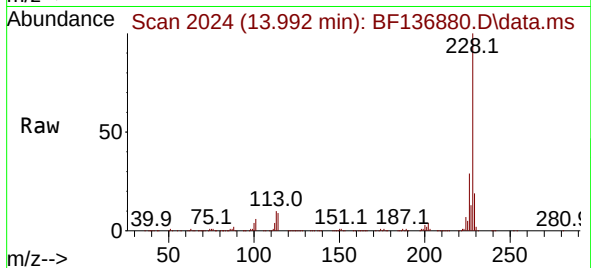
Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.7	37.1
229	19.2	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.264 ng

RT: 13.945 min Scan# 2016

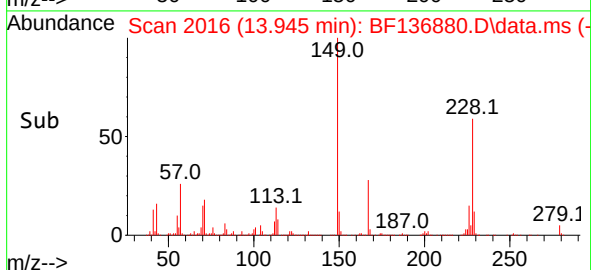
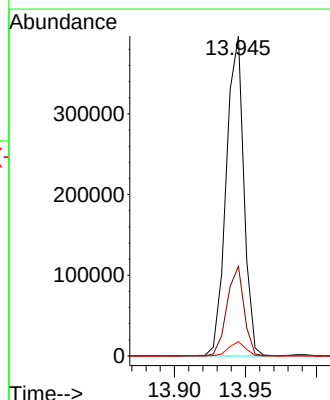
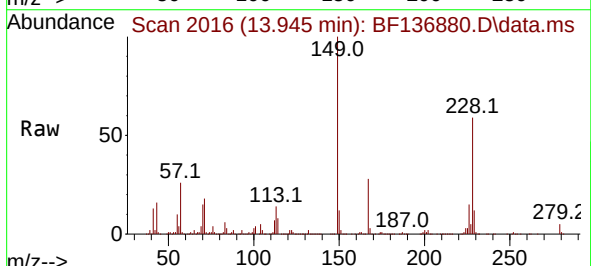
Delta R.T. -0.006 min

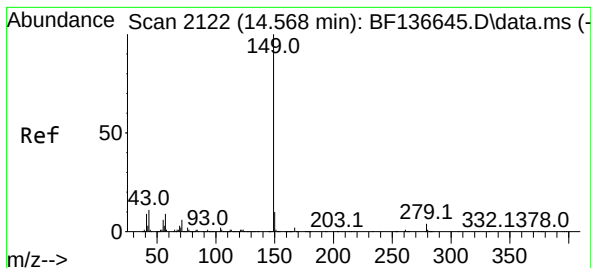
Lab File: BF136880.D

Acq: 02 Jan 2024 19:55

Tgt Ion:149 Resp: 342256

Ion	Ratio	Lower	Upper
149	100		
167	28.1	20.9	31.3
279	4.5	2.9	4.3





#85

Di-n-octyl phthalate

Concen: 46.477 ng

RT: 14.557 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF136880.D

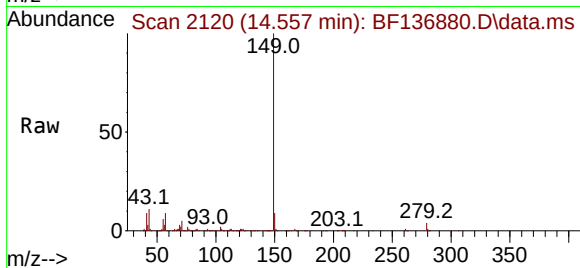
Acq: 02 Jan 2024 19:55

Instrument :

BNA_F

ClientSampleId :

GHL-SS-06-0-2MSD



Tgt Ion:149 Resp: 52060

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

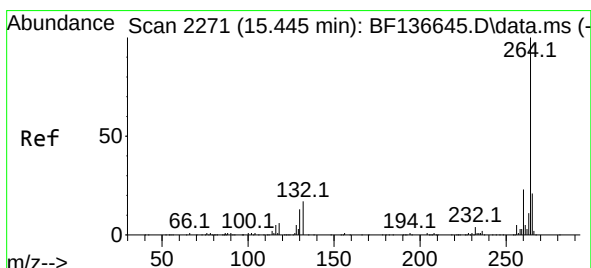
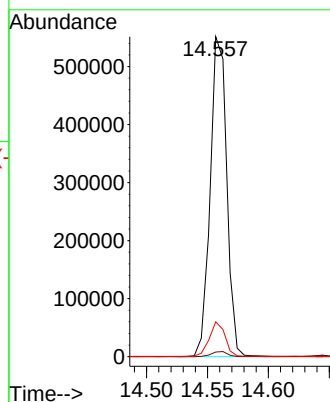
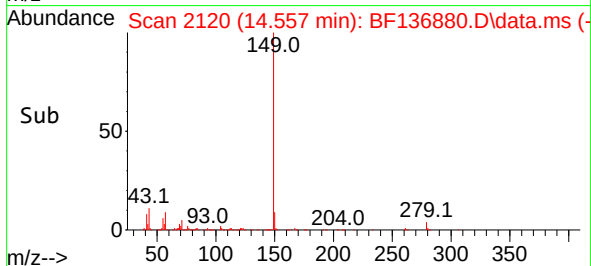
43 10.3 8.9 13.3

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: BF136880.D

Acq: 02 Jan 2024 19:55

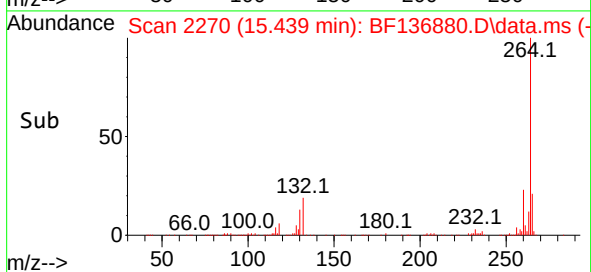
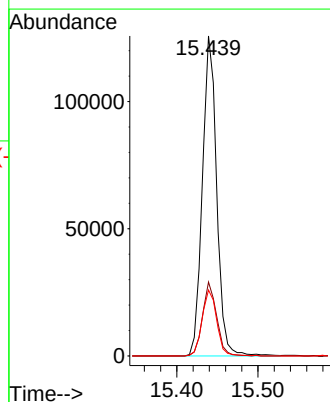
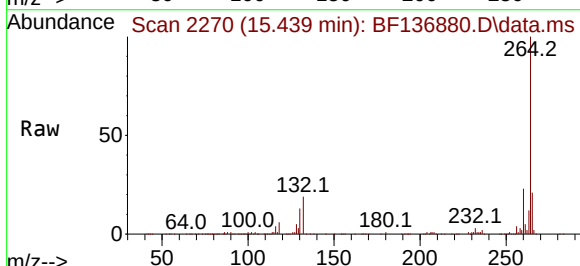
Tgt Ion:264 Resp: 154078

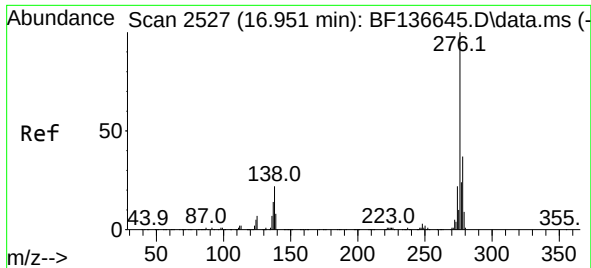
Ion Ratio Lower Upper

264 100

260 23.1 18.3 27.5

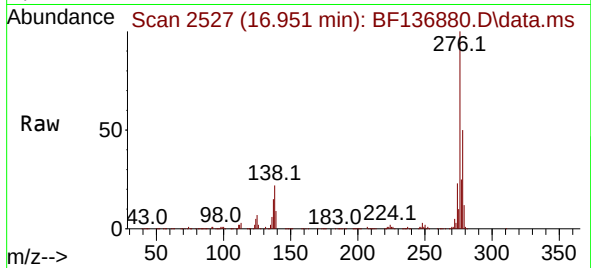
265 20.6 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.275 ng
RT: 16.951 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

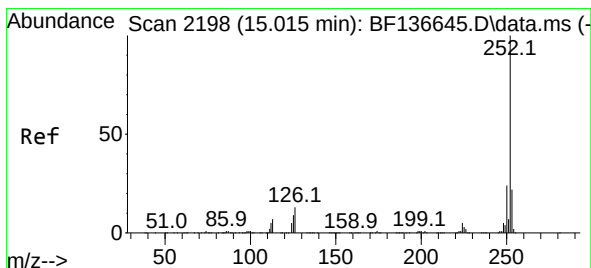
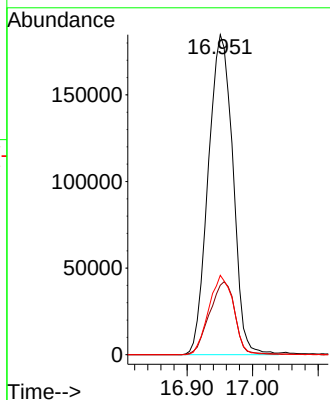
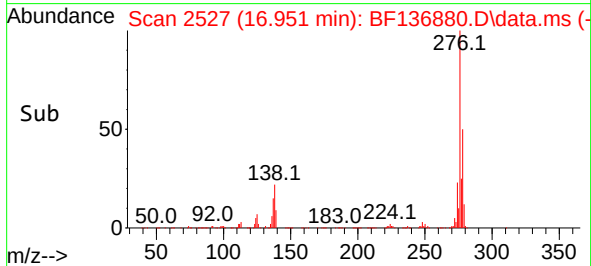
Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MSD



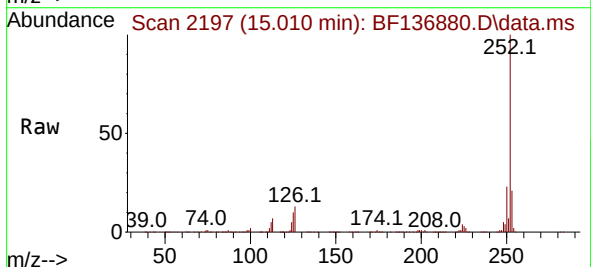
Tgt Ion:276 Resp: 48142
Ion Ratio Lower Upper
276 100
138 23.5 18.7 28.1
277 25.0 20.2 30.2

Manual Integrations
APPROVED

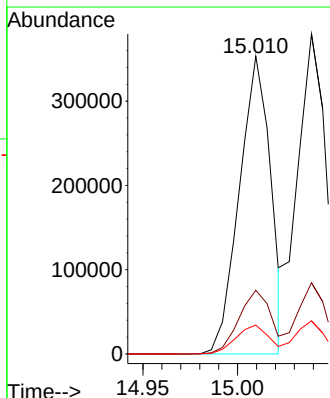
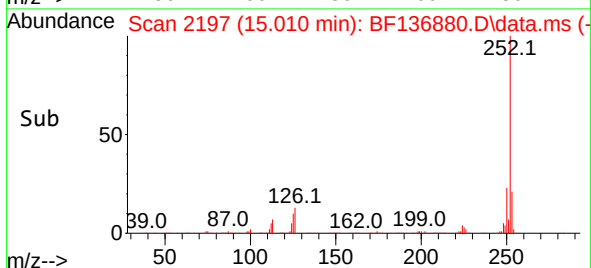
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024

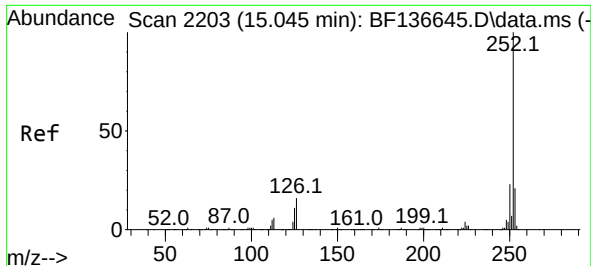


#88
Benzo(b)fluoranthene
Concen: 39.613 ng
RT: 15.010 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55



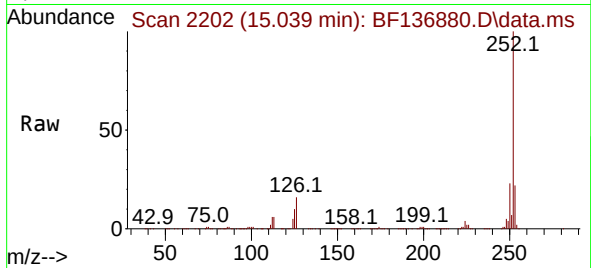
Tgt Ion:252 Resp: 407657
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 9.7 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 40.936 ng
RT: 15.039 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

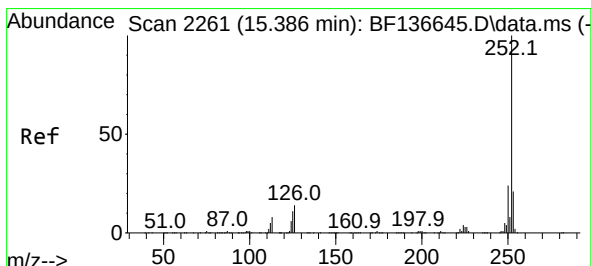
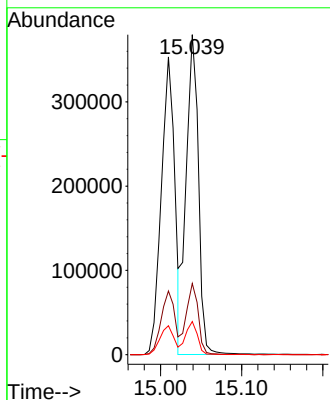
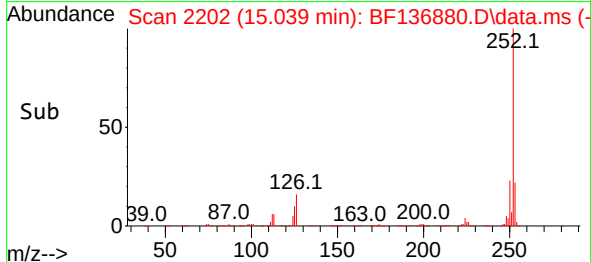
Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MSD



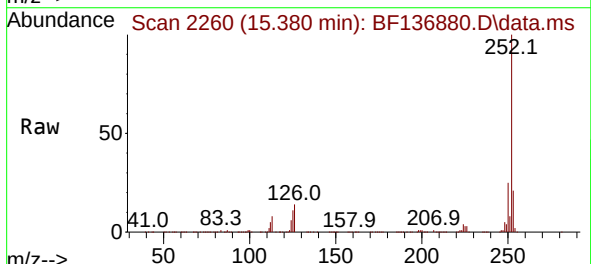
Tgt Ion:252 Resp: 39806
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 10.4 8.2 12.4

Manual Integrations
APPROVED

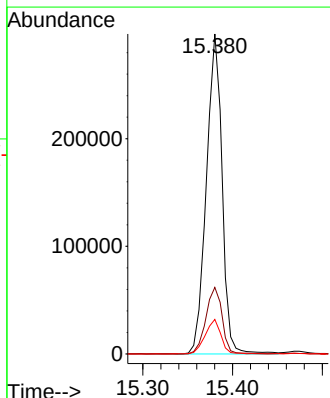
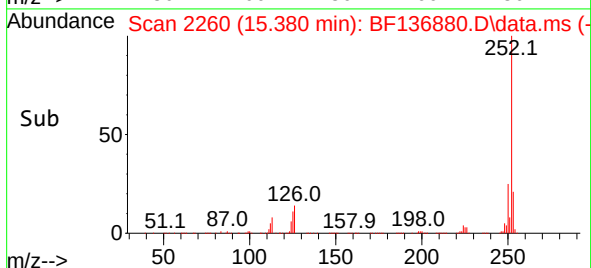
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024

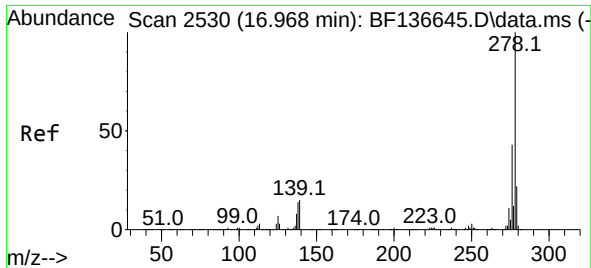


#90
Benzo(a)pyrene
Concen: 41.646 ng
RT: 15.380 min Scan# 2260
Delta R.T. -0.006 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55



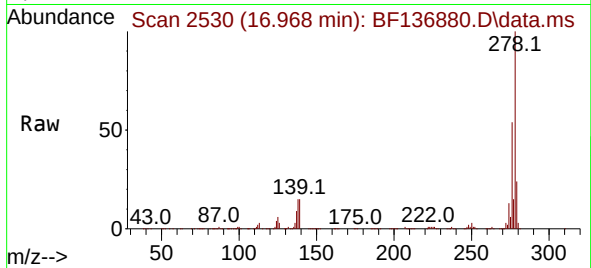
Tgt Ion:252 Resp: 361770
Ion Ratio Lower Upper
252 100
253 20.8 17.0 25.6
125 10.8 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 44.156 ng
RT: 16.968 min Scan# 2530
Delta R.T. 0.000 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

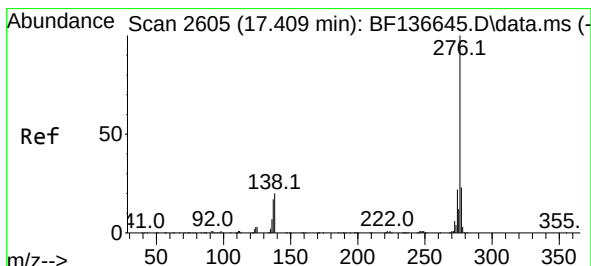
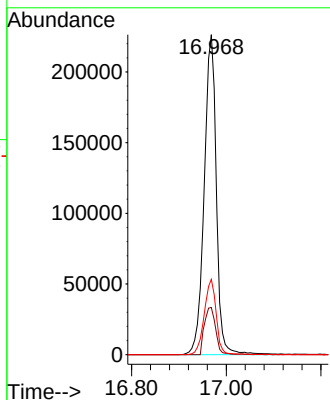
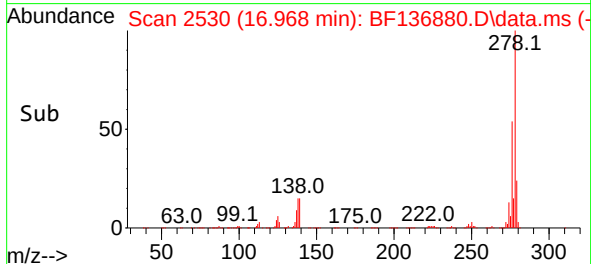
Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2MSD



Tgt Ion:278 Resp: 403000
Ion Ratio Lower Upper
278 100
139 14.8 12.2 18.4
279 23.6 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: 42.011 ng
RT: 17.409 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF136880.D
Acq: 02 Jan 2024 19:55

Tgt Ion:276 Resp: 392708
Ion Ratio Lower Upper
276 100
277 21.9 18.3 27.5
138 18.4 15.6 23.4

