

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
 Data File : BF136868.D
 Acq On : 02 Jan 2024 13:25
 Operator : CG\JU
 Sample : PB158057BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158057BS

Manual Integrations
 APPROVED

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

Quant Time: Jan 02 13:45:14 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	111899	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	457656	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	219326	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	415553	20.000	ng	0.00
76) Chrysene-d12	13.968	240	221016	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	174830	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	848313	118.286	ng	0.01
7) Phenol-d6	6.439	99	1047155	112.685	ng	0.00
23) Nitrobenzene-d5	7.351	82	649413	72.612	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	282923	109.531	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1202222	73.725	ng	0.00
79) Terphenyl-d14	12.910	244	1192775	75.418	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	87128	29.158	ng	95
3) Pyridine	3.446	79	210450	28.865	ng	92
4) n-Nitrosodimethylamine	3.404	42	150860	38.747	ng	98
6) Aniline	6.451	93	221140	23.802	ng	# 1
8) 2-Chlorophenol	6.575	128	335408	42.737	ng	95
9) Benzaldehyde	6.334	77	58860	11.136	ng	99
10) Phenol	6.451	94	381673	38.475	ng	94
11) bis(2-Chloroethyl)ether	6.528	93	313526	41.559	ng	97
12) 1,3-Dichlorobenzene	6.722	146	327313	38.230	ng	98
13) 1,4-Dichlorobenzene	6.798	146	337311	38.559	ng	100
14) 1,2-Dichlorobenzene	6.951	146	314411	38.625	ng	99
15) Benzyl Alcohol	6.934	79	268510	42.829	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	480150	38.929	ng	71
17) 2-Methylphenol	7.051	107	255769	39.339	ng	93
18) Hexachloroethane	7.287	117	120937	38.066	ng	98
19) n-Nitroso-di-n-propyla...	7.210	70	223069	39.599	ng	93
20) 3+4-Methylphenols	7.204	107	309759	38.135	ng	# 72
22) Acetophenone	7.198	105	444874	38.782	ng	95
24) Nitrobenzene	7.369	77	332437	37.106	ng	98
25) Isophorone	7.610	82	614065	37.733	ng	99
26) 2-Nitrophenol	7.681	139	176275	41.124	ng	97
27) 2,4-Dimethylphenol	7.728	122	253590	48.594	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	374256	37.834	ng	100
29) 2,4-Dichlorophenol	7.928	162	250321	37.259	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	282472	37.736	ng	99
31) Naphthalene	8.086	128	941871	37.461	ng	99
32) Benzoic acid	7.886	122	188457	37.323	ng	97
33) 4-Chloroaniline	8.133	127	173880	18.731	ng	98
34) Hexachlorobutadiene	8.192	225	165826	36.462	ng	97
35) Caprolactam	8.528	113	80651m	36.389	ng	
36) 4-Chloro-3-methylphenol	8.633	107	273016	36.097	ng	99
37) 2-Methylnaphthalene	8.775	142	588417	36.365	ng	99
38) 1-Methylnaphthalene	8.875	142	554516	34.931	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	283562	41.747	ng	99
41) Hexachlorocyclopentadiene	8.922	237	157793	73.296	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	176360	40.486	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	185223	38.157	ng	98
46) 1,1'-Biphenyl	9.245	154	720388	39.141	ng	100
47) 2-Chloronaphthalene	9.269	162	549545	39.277	ng	98
48) 2-Nitroaniline	9.369	65	173820	39.672	ng	98
49) Acenaphthylene	9.680	152	860644	40.243	ng	100
50) Dimethylphthalate	9.551	163	636986	39.762	ng	100
51) 2,6-Dinitrotoluene	9.616	165	137748	37.887	ng	95
52) Acenaphthene	9.857	154	507749	38.301	ng	99
53) 3-Nitroaniline	9.786	138	118700	30.820	ng	94
54) 2,4-Dinitrophenol	9.898	184	128271	64.420	ng	# 88
55) Dibenzofuran	10.028	168	762064	37.922	ng	99
56) 4-Nitrophenol	9.969	139	187512	72.121	ng	98
57) 2,4-Dinitrotoluene	10.022	165	174589	36.990	ng	94
58) Fluorene	10.375	166	604519	37.913	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	158155	42.325	ng	98
60) Diethylphthalate	10.251	149	631740	38.007	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	284164	36.665	ng	99
62) 4-Nitroaniline	10.410	138	130230	35.075	ng	95
63) Azobenzene	10.527	77	578663	37.273	ng	96
65) 4,6-Dinitro-2-methylph...	10.433	198	91296	38.335	ng	98
66) n-Nitrosodiphenylamine	10.486	169	540337	40.028	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	179015	38.790	ng	92
68) Hexachlorobenzene	10.922	284	200640	39.012	ng	97
69) Atrazine	11.022	200	130921	37.919	ng	99
70) Pentachlorophenol	11.122	266	161035	67.175	ng	99
71) Phenanthrene	11.339	178	843656	39.567	ng	100
72) Anthracene	11.392	178	848105	39.275	ng	99
73) Carbazole	11.551	167	785245	38.570	ng	100
74) Di-n-butylphthalate	11.880	149	991034	39.892	ng	99
75) Fluoranthene	12.533	202	862778	37.829	ng	99
77) Benzidine	12.663	184	18501	2.839	ng	96
78) Pyrene	12.763	202	854821	39.399	ng	99
80) Butylbenzylphthalate	13.386	149	343994	43.573	ng	94
81) Benzo(a)anthracene	13.957	228	614697	40.053	ng	98
82) 3,3'-Dichlorobenzidine	13.921	252	182242	41.814	ng	98
83) Chrysene	13.998	228	588579	39.218	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	448267	45.129	ng	99
85) Di-n-octyl phthalate	14.563	149	716011	46.600	ng	98
87) Indeno(1,2,3-cd)pyrene	16.956	276	614122	48.651	ng	100
88) Benzo(b)fluoranthene	15.010	252	569943	48.809	ng	99
89) Benzo(k)fluoranthene	15.045	252	498629	45.191	ng	98
90) Benzo(a)pyrene	15.380	252	458409	46.508	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	516781	49.902	ng	97
92) Benzo(g,h,i)perylene	17.409	276	509943	48.078	ng	99

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

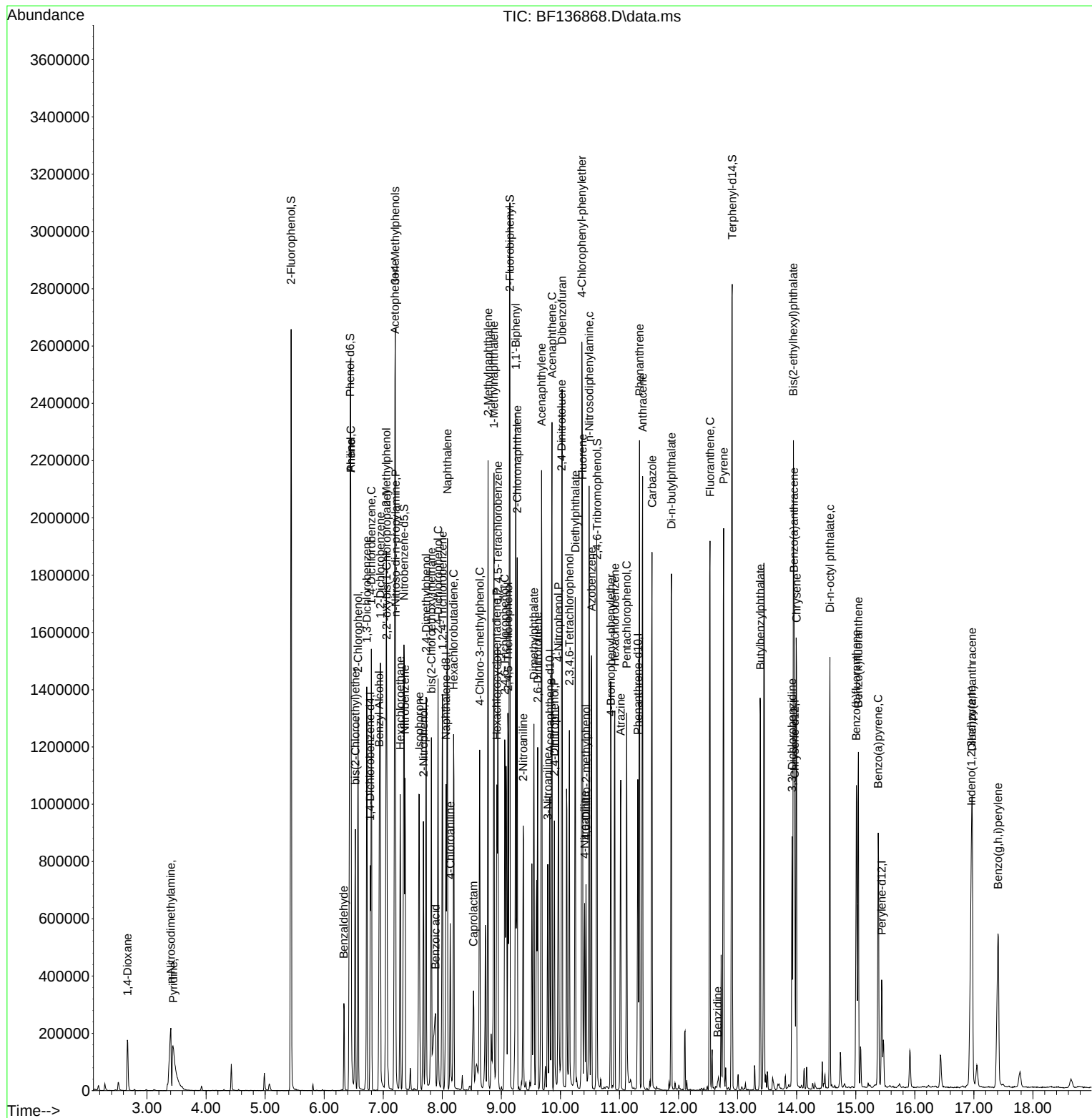
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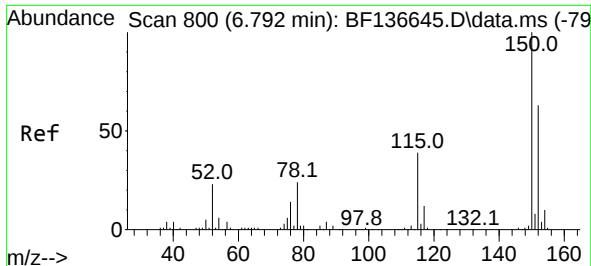
Instrument :
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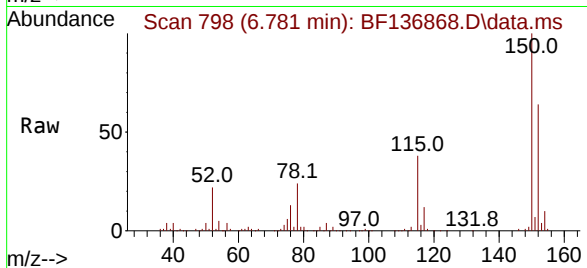
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Instrument :

BNA_F

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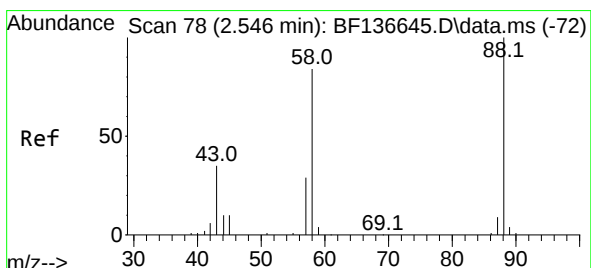
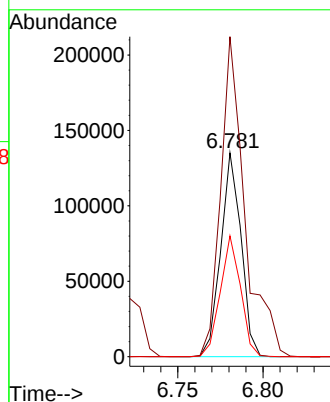
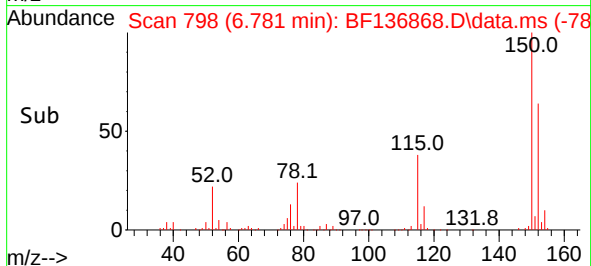
Tgt Ion:152 Resp: 111899
Ion Ratio Lower Upper
152 100
150 157.0 127.0 190.6
115 59.3 49.0 73.4

Manual Integrations

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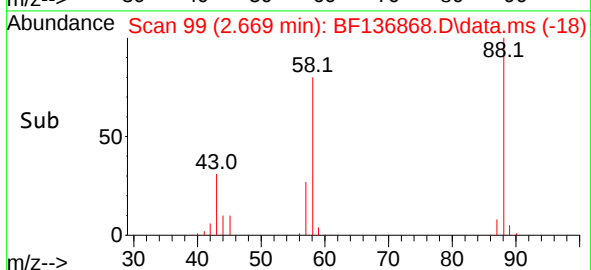
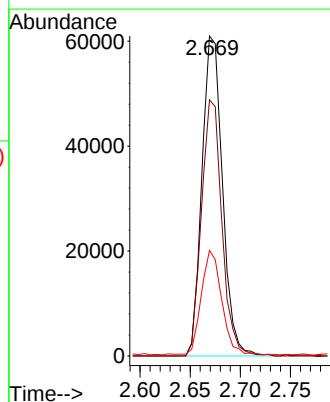
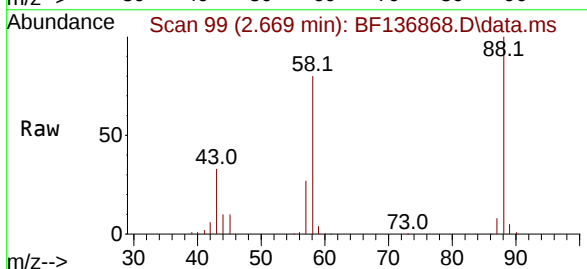
Reviewed By :Yogesh Patel 01/03/2024

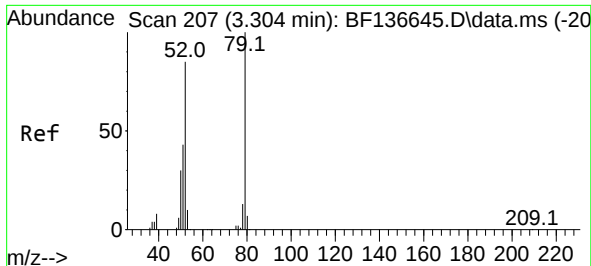
Supervised By :mohammad ahmed 01/03/2024



#2
1,4-Dioxane
Concen: 29.158 ng
RT: 2.669 min Scan# 99
Delta R.T. 0.124 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Tgt Ion: 88 Resp: 87128
Ion Ratio Lower Upper
88 100
58 79.6 67.4 101.0
43 32.7 27.7 41.5





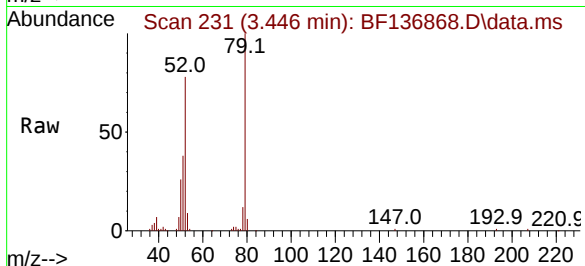
#3
Pyridine
Concen: 28.865 ng
RT: 3.446 min Scan# 210
Delta R.T. 0.141 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Instrument :

BNA_F

ClientSampleId :

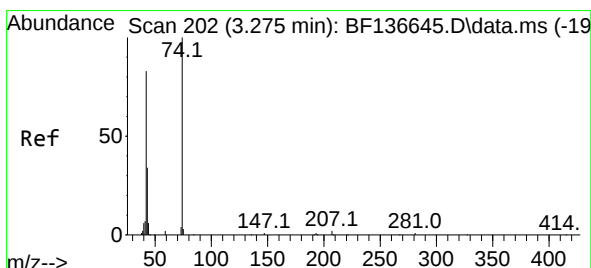
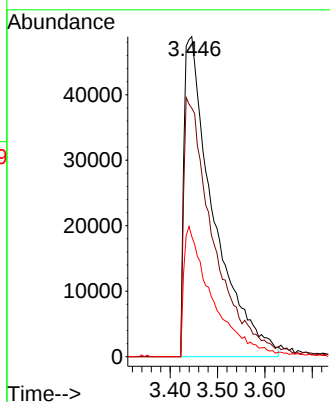
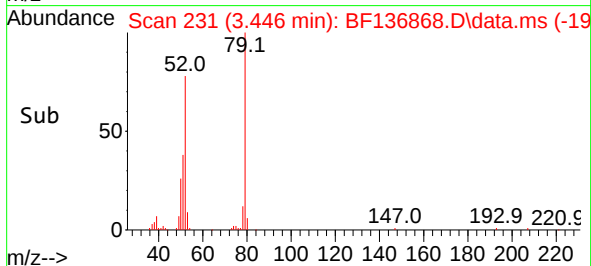
PB158057BS



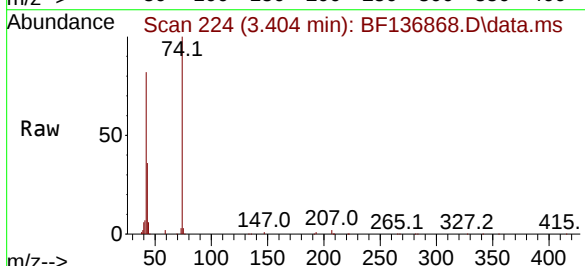
Tgt Ion: 79 Resp: 210450
Ion Ratio Lower Upper
79 100
52 77.6 67.7 101.5
51 37.6 34.0 51.0

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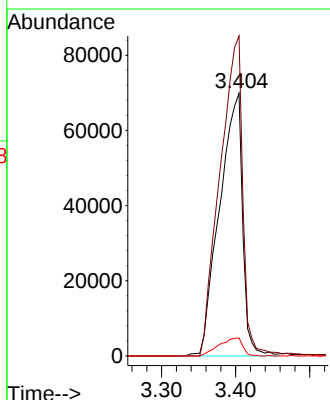
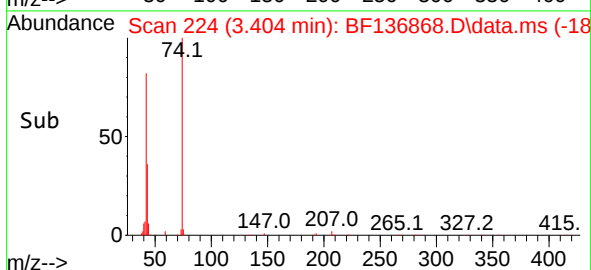
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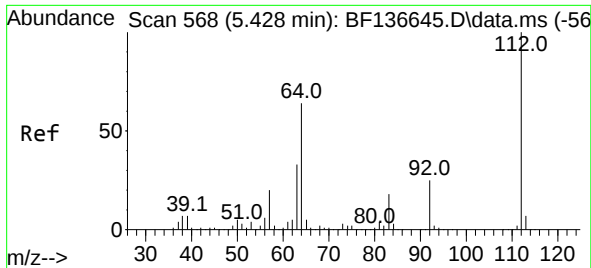


#4
n-Nitrosodimethylamine
Concen: 38.747 ng
RT: 3.404 min Scan# 224
Delta R.T. 0.129 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25



Tgt Ion: 42 Resp: 150860
Ion Ratio Lower Upper
42 100
74 121.9 96.0 144.0
44 6.9 5.4 8.2





#5
2-Fluorophenol
Concen: 118.286 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Instrument :

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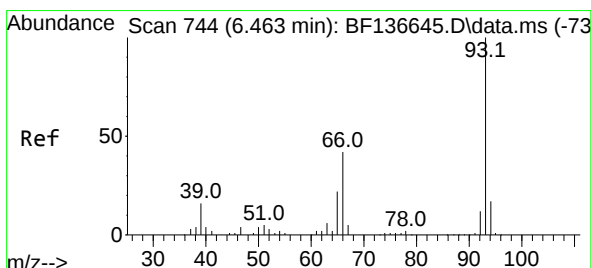
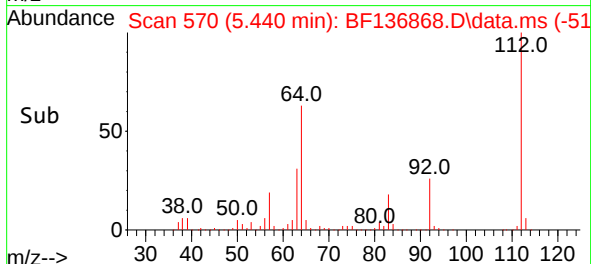
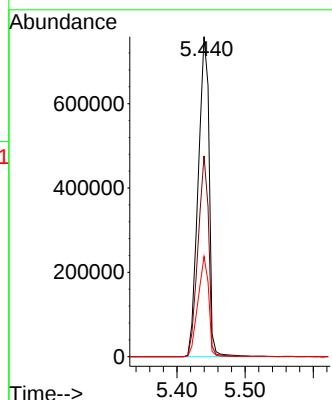
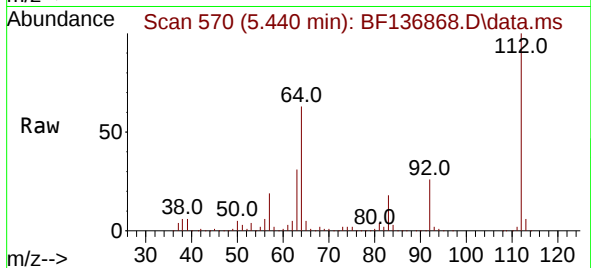
ClientSampleId :

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Tgt Ion:112 Resp: 84831
Ion Ratio Lower Upper
112 100
64 62.8 51.1 76.7
63 31.3 26.1 39.1

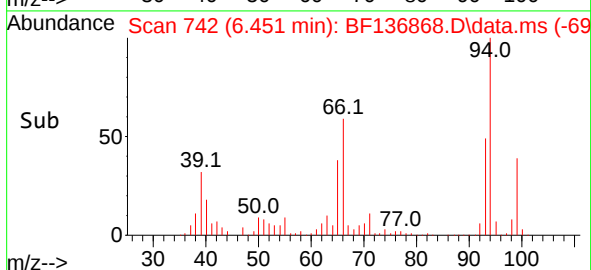
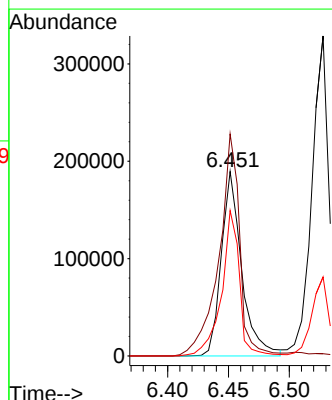
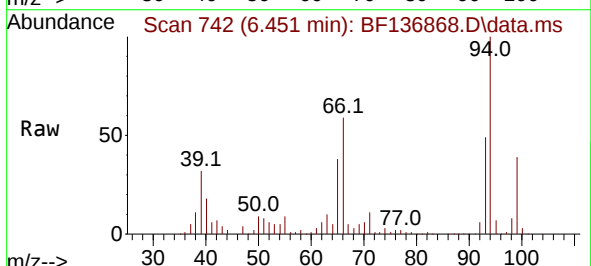
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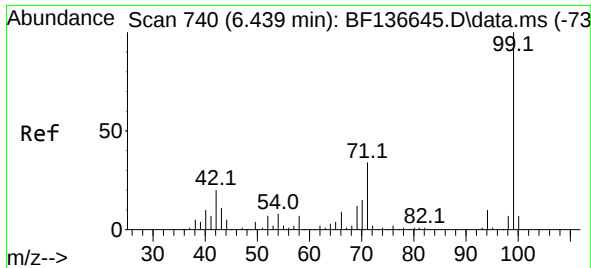
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#6
Aniline
Concen: 23.802 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

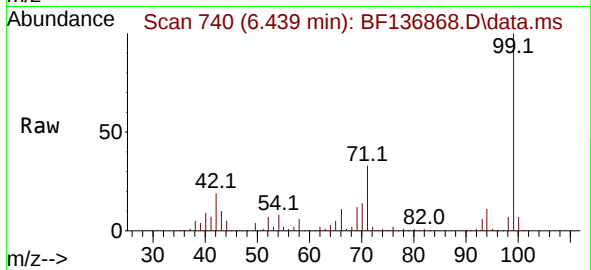
Tgt Ion: 93 Resp: 221140
Ion Ratio Lower Upper
93 100
66 120.3 34.6 51.8#
65 78.8 17.8 26.8#





#7
Phenol-d6
Concen: 112.685 ng
RT: 6.439 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136868.D
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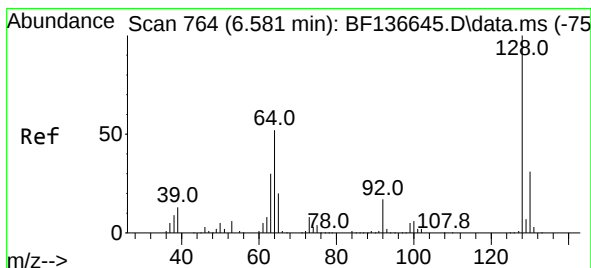
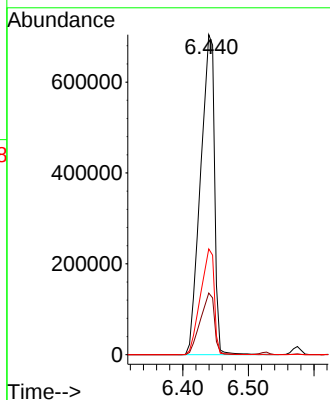
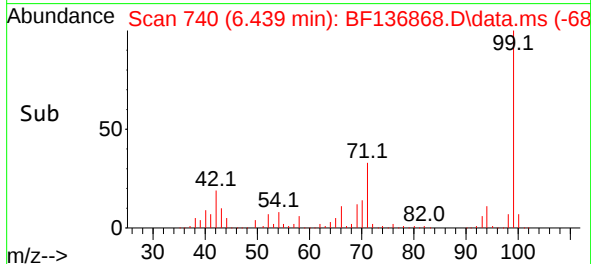
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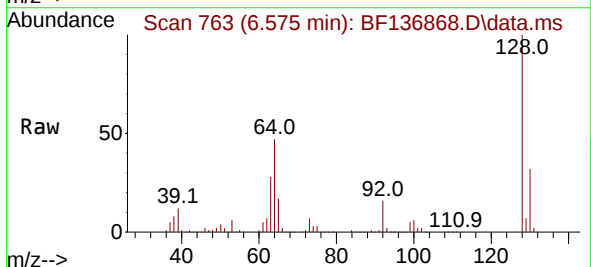
Tgt Ion: 99 Resp: 104715
Ion Ratio Lower Upper
99 100
42 19.3 16.1 24.1
71 33.0 27.4 41.2

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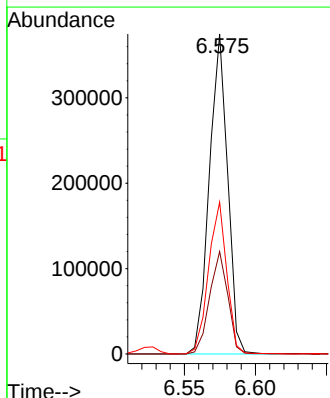
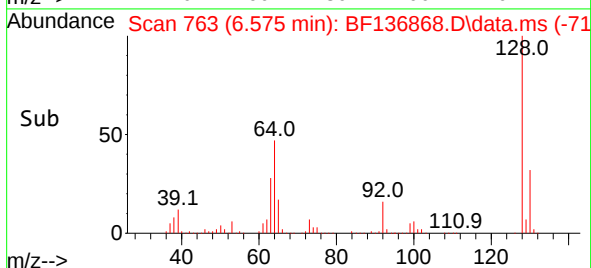
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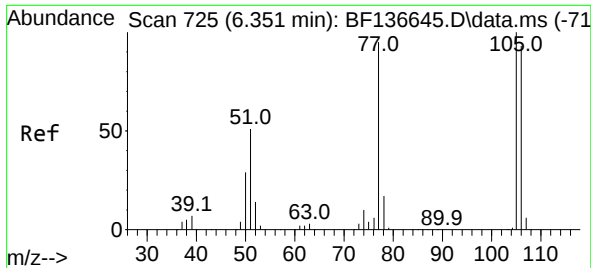


#8
2-Chlorophenol
Concen: 42.737 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136868.D
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Tgt Ion:128 Resp: 335408
Ion Ratio Lower Upper
128 100
130 32.0 11.3 51.3
64 47.4 32.5 72.5





#9
Benzaldehyde
Concen: 11.136 ng
RT: 6.334 min Scan# 712
Delta R.T. -0.018 min
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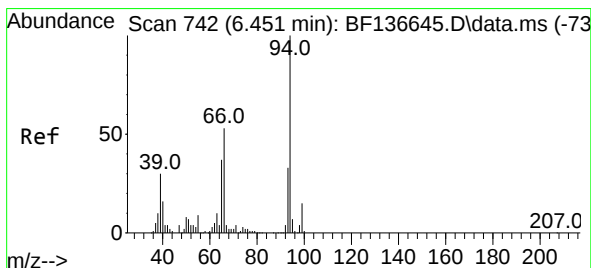
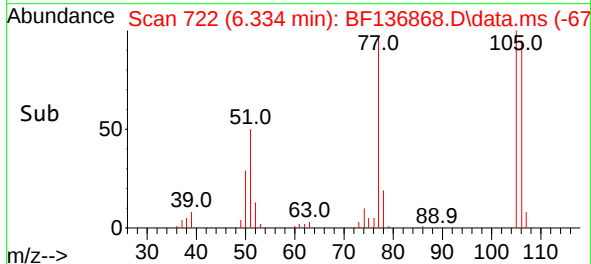
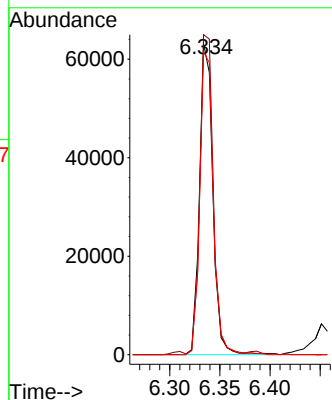
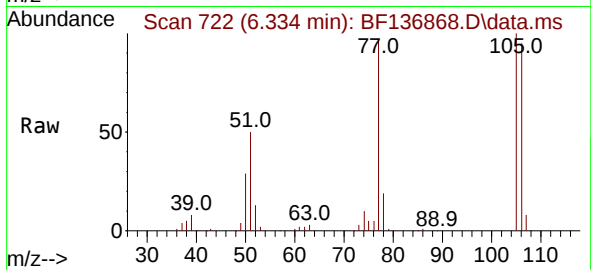
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Tgt Ion: 77 Resp: 58860
Ion Ratio Lower Upper
77 100
105 102.9 84.8 124.8
106 97.3 77.8 117.8

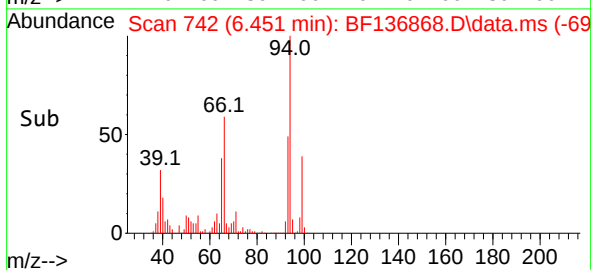
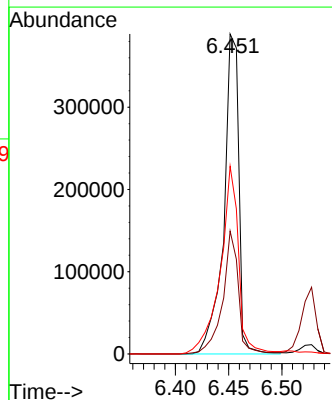
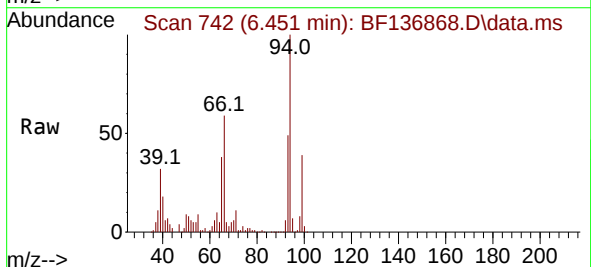
Manual Integrations
APPROVED

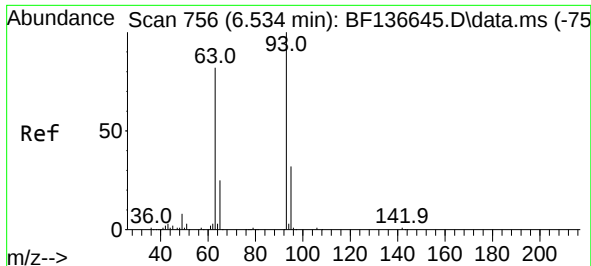
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#10
Phenol
Concen: 38.475 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Tgt Ion: 94 Resp: 381673
Ion Ratio Lower Upper
94 100
65 38.4 16.6 56.6
66 58.6 32.6 72.6





#11
bis(2-Chloroethyl)ether
Concen: 41.559 ng
RT: 6.528 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Instrument :

BNA_F

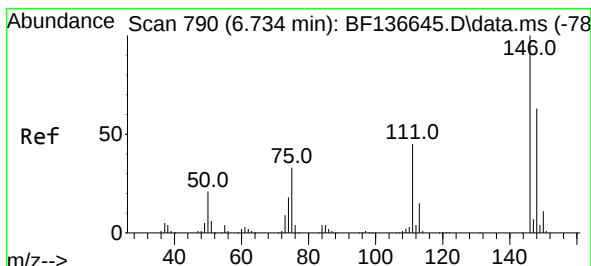
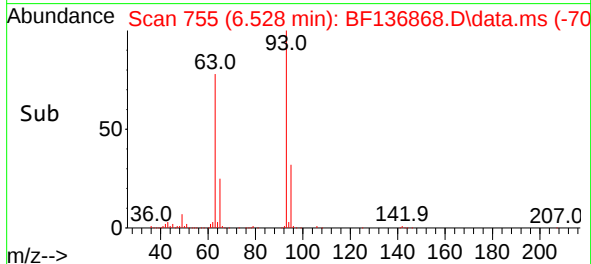
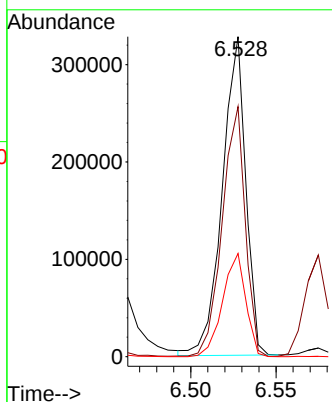
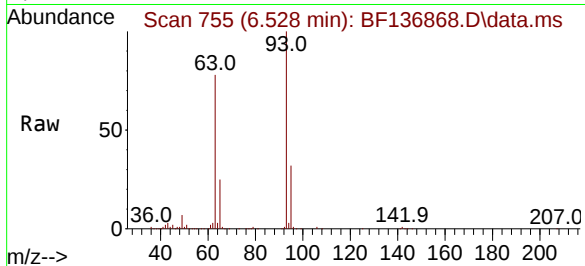
ClientSampleId :

PB158057BS

Tgt Ion: 93 Resp: 313520
Ion Ratio Lower Upper
93 100
63 78.2 61.2 101.2
95 32.2 11.6 51.6

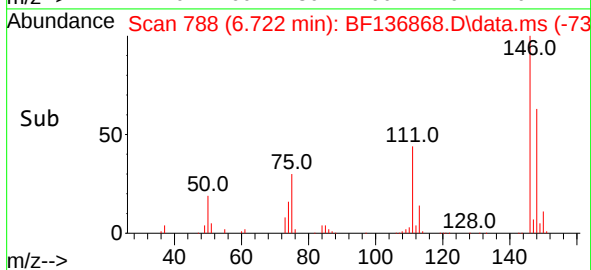
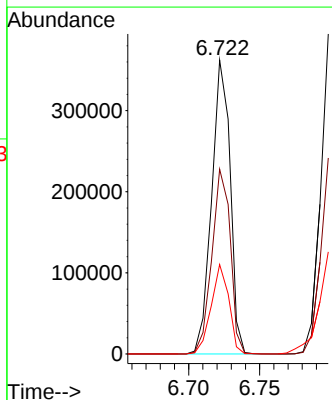
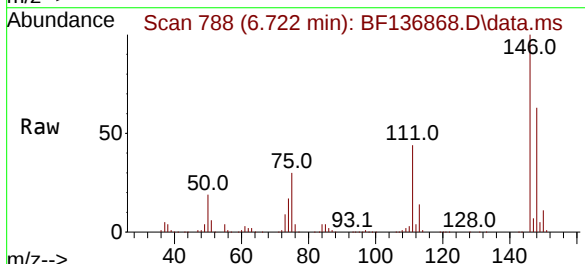
Manual Integrations
APPROVED

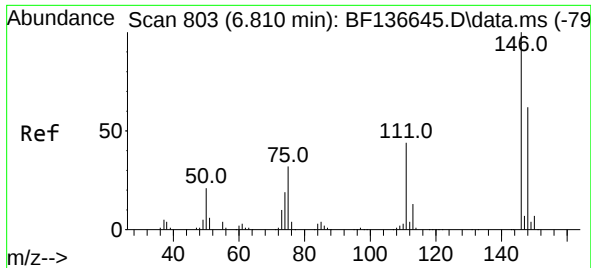
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#12
1,3-Dichlorobenzene
Concen: 38.230 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.012 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Tgt Ion:146 Resp: 327313
Ion Ratio Lower Upper
146 100
148 62.9 50.5 75.7
75 30.4 26.2 39.4





#13
1,4-Dichlorobenzene
Concen: 38.559 ng
RT: 6.798 min Scan# 803
Delta R.T. -0.012 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Instrument :

BNA_F

ClientSampleId :

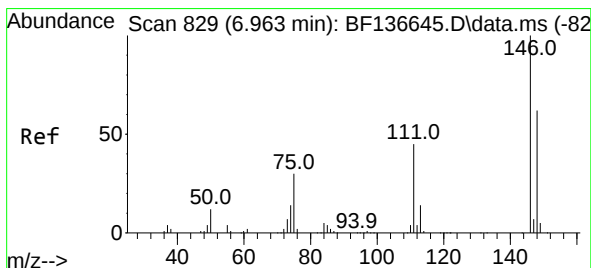
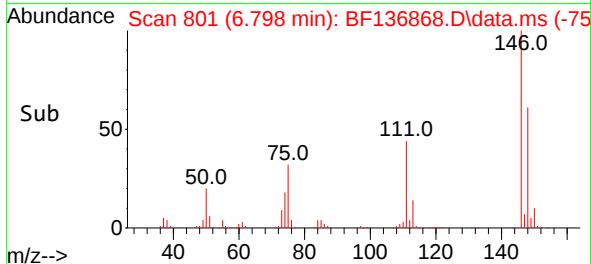
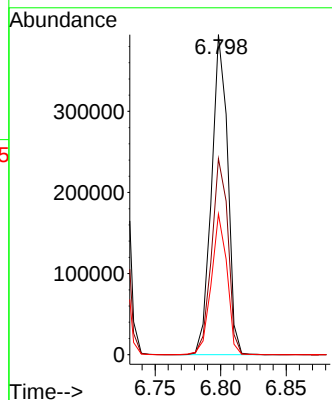
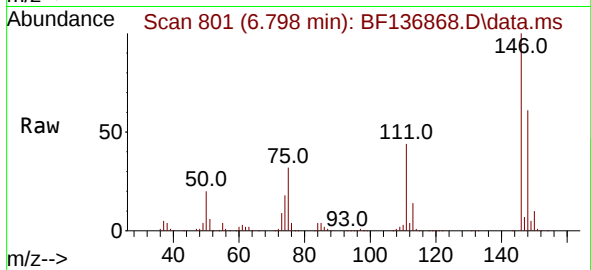
PB158057BS

Tgt Ion:146 Resp: 33731
Ion Ratio Lower Upper
146 100
148 61.3 49.2 73.8
111 43.9 35.2 52.8

Manual Integrations

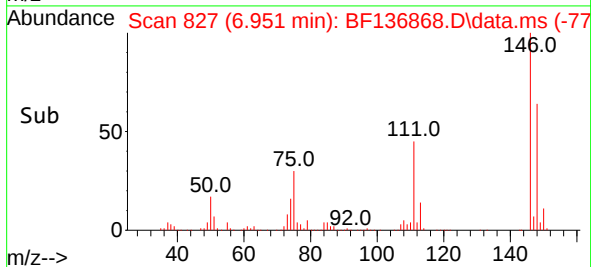
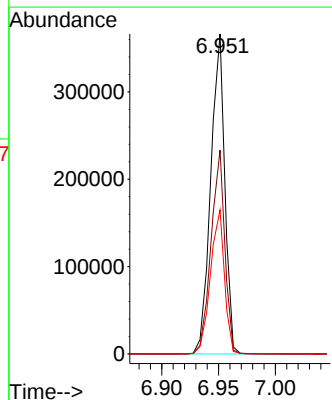
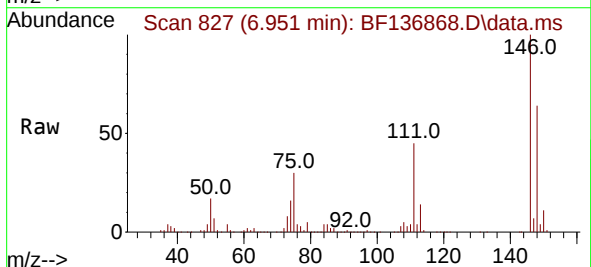
APPROVED

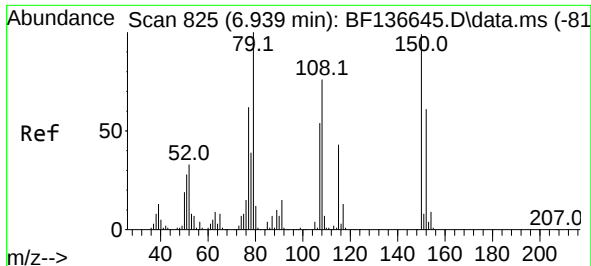
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#14
1,2-Dichlorobenzene
Concen: 38.625 ng
RT: 6.951 min Scan# 827
Delta R.T. -0.012 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Tgt Ion:146 Resp: 314411
Ion Ratio Lower Upper
146 100
148 63.7 49.6 74.4
111 45.0 36.2 54.2





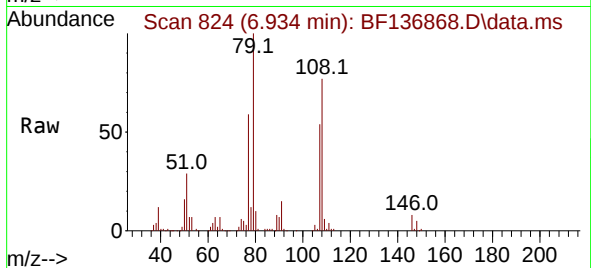
#15
Benzyl Alcohol
Concen: 42.829 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Instrument :

BNA_F

ClientSampleId :

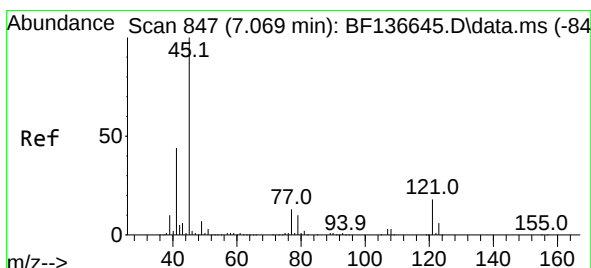
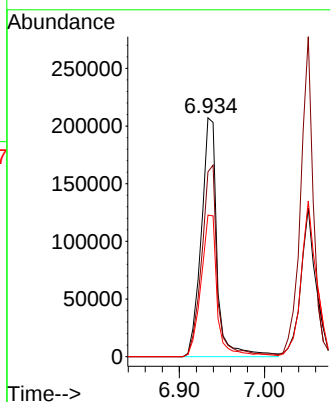
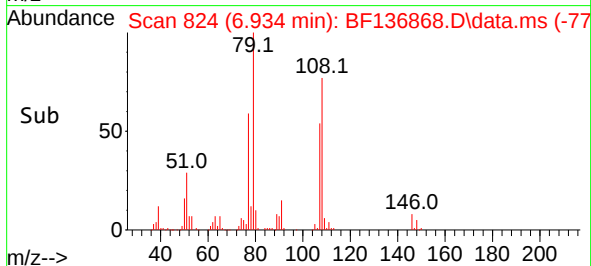
PB158057BS



Tgt Ion: 79 Resp: 268510
Ion Ratio Lower Upper
79 100
108 77.4 61.0 91.6
77 59.3 49.8 74.8

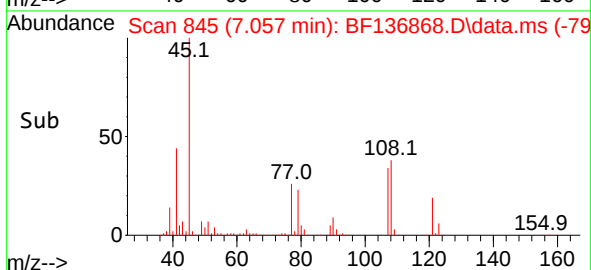
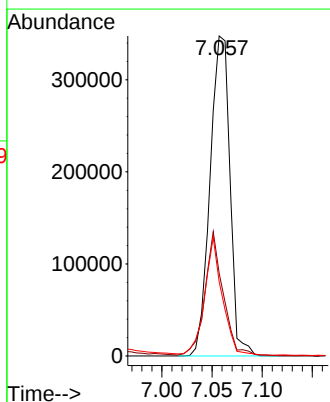
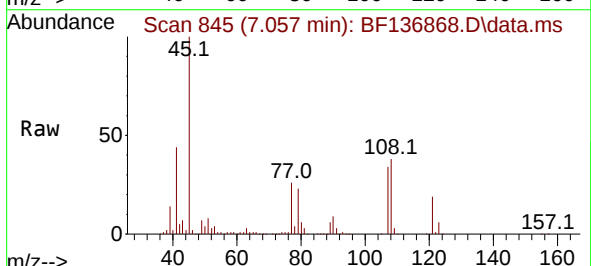
Manual Integrations
APPROVED

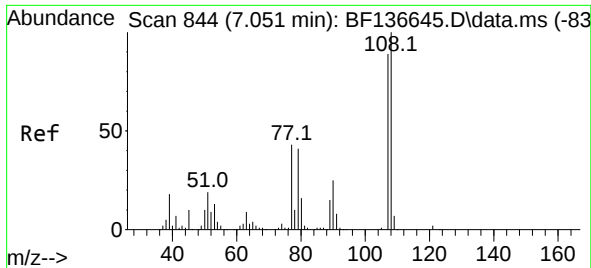
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.929 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Tgt Ion: 45 Resp: 480150
Ion Ratio Lower Upper
45 100
77 25.9 0.0 34.3
79 23.2 0.0 31.4





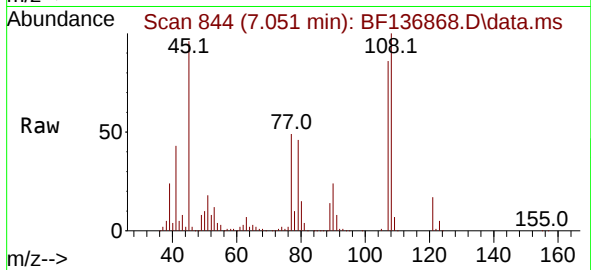
#17
2-Methylphenol
Concen: 39.339 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Instrument :

BNA_F

ClientSampleId :

PB158057BS

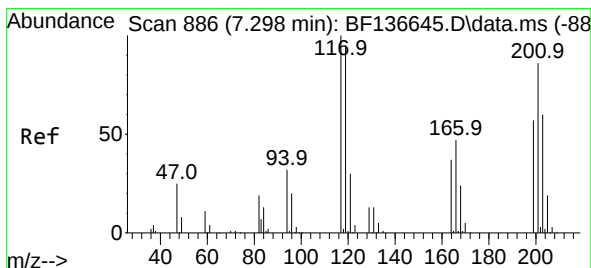
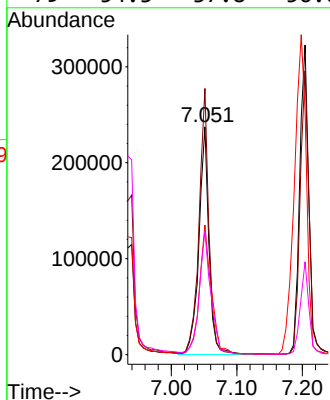
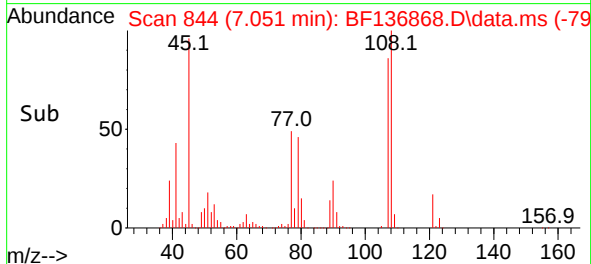


Tgt Ion:107 Resp: 255769
Ion Ratio Lower Upper
107 100
108 116.9 90.3 135.5
77 56.9 38.7 58.1
79 54.3 37.8 56.6

Manual Integrations

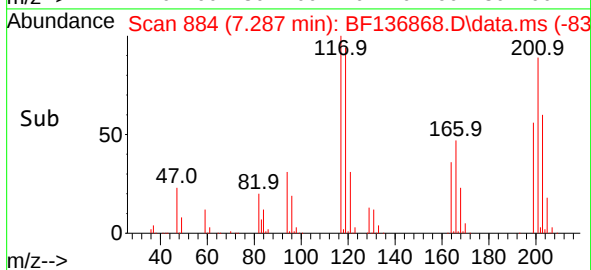
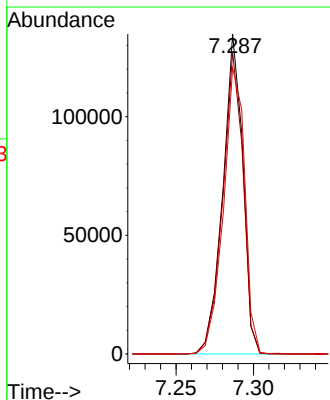
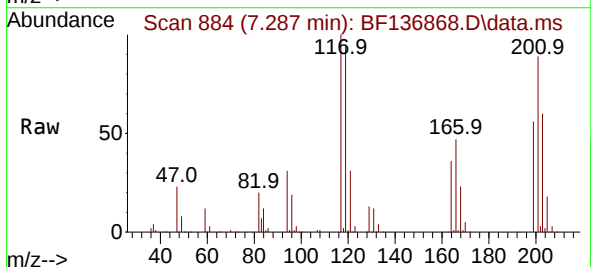
APPROVED

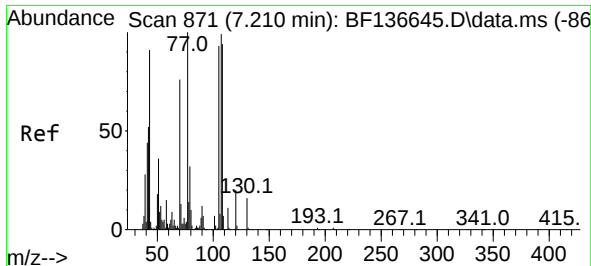
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#18
Hexachloroethane
Concen: 38.066 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Tgt Ion:117 Resp: 120937
Ion Ratio Lower Upper
117 100
119 94.4 75.8 113.6
201 89.4 69.1 103.7





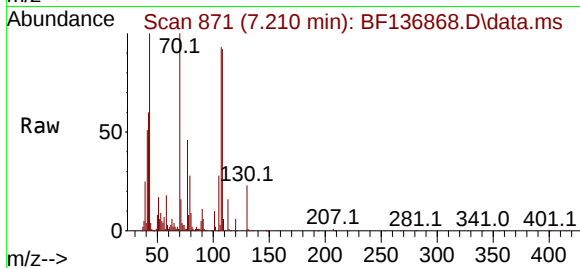
#19
n-Nitroso-di-n-propylamine
Concen: 39.599 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Instrument :

BNA_F

ClientSampleId :

PB158057BS



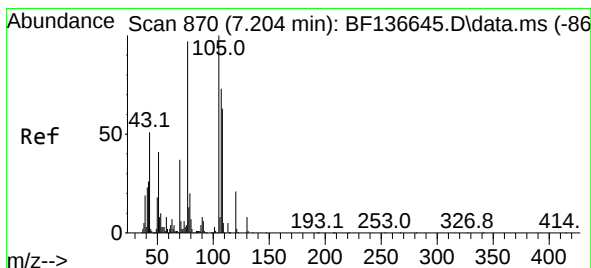
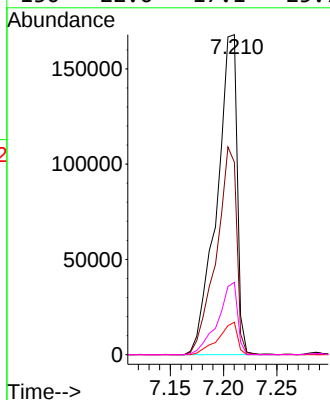
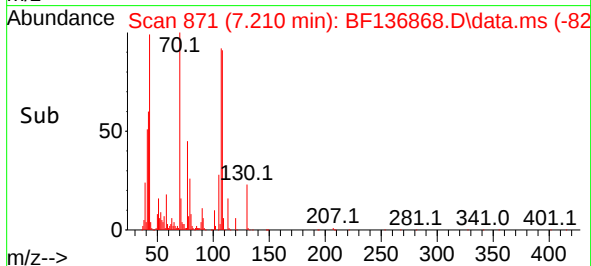
Tgt Ion: 70 Resp: 223069
Ion Ratio Lower Upper
70 100
42 60.2 54.2 81.4
101 10.1 7.6 11.4
130 22.6 17.1 25.7

Manual Integrations

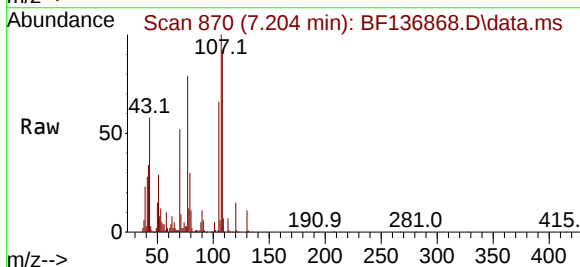
APPROVED

Reviewed By :Yogesh Patel 01/03/2024

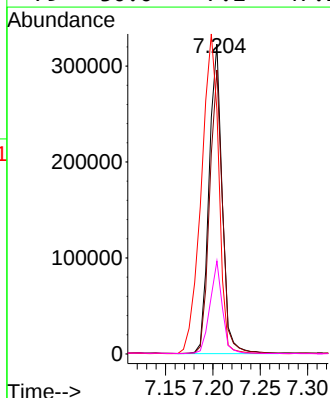
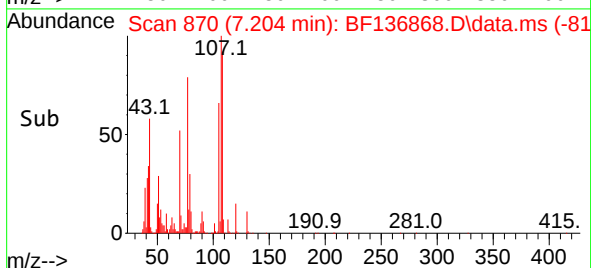
Supervised By :mohammad ahmed 01/03/2024

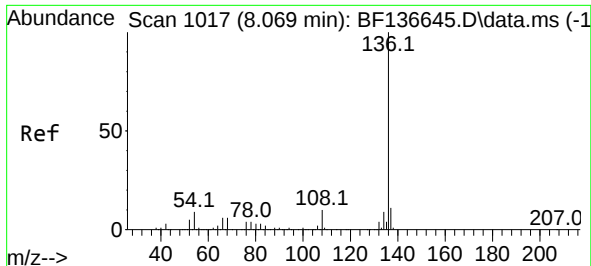


#20
3+4-Methylphenols
Concen: 38.135 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25



Tgt Ion:107 Resp: 309759
Ion Ratio Lower Upper
107 100
108 91.7 66.0 106.0
77 78.7 114.2 154.2#
79 30.0 7.2 47.2





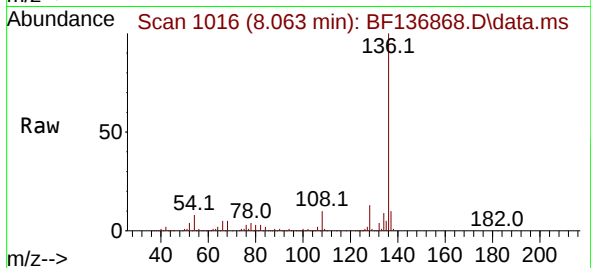
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Instrument :

BNA_F

ClientSampleId :

PB158057BS

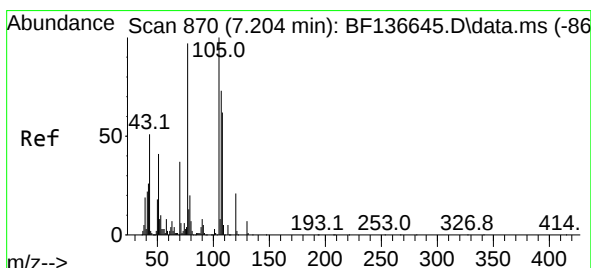
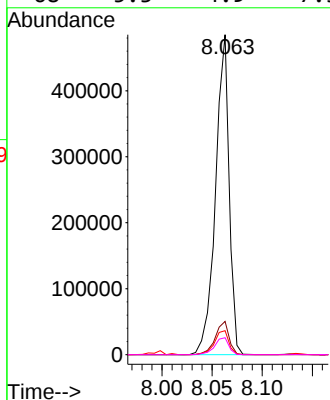
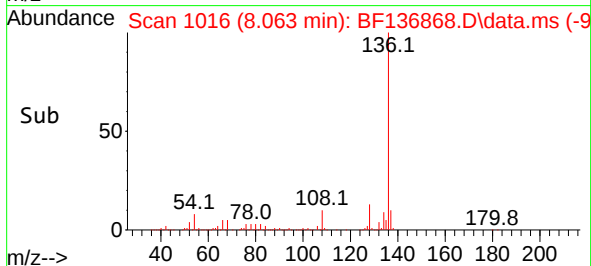


Tgt Ion:136 Resp: 457650
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.4
54 7.5 7.2 10.8
68 5.3 4.9 7.3

Manual Integrations

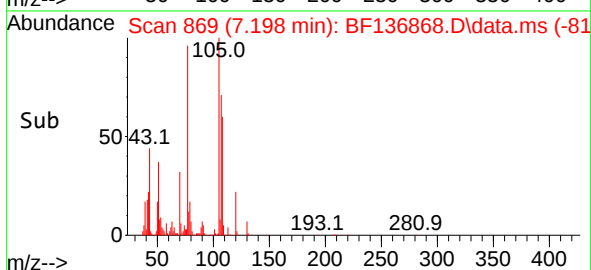
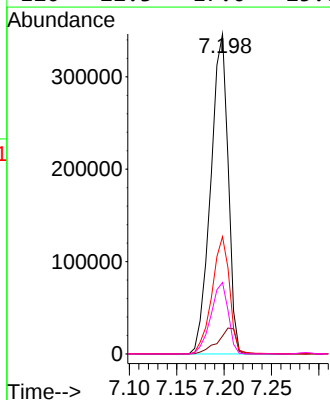
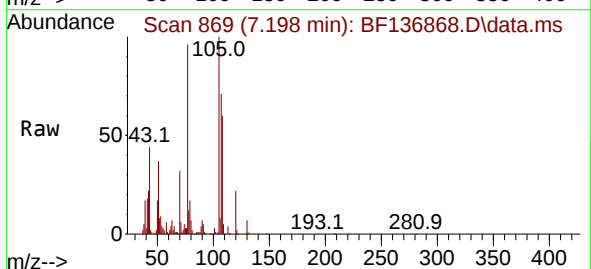
APPROVED

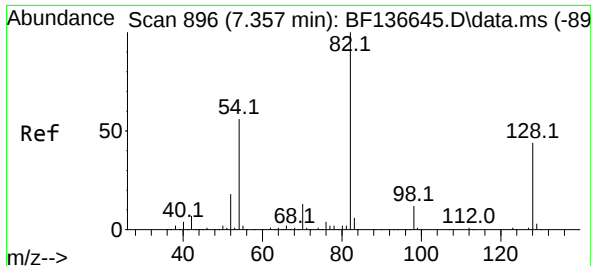
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#22
Acetophenone
Concen: 38.782 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Tgt Ion:105 Resp: 444874
Ion Ratio Lower Upper
105 100
71 5.6 4.8 7.2
51 36.7 32.8 49.2
120 22.3 17.0 25.6





#23
Nitrobenzene-d5
Concen: 72.612 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Instrument :

BNA_F

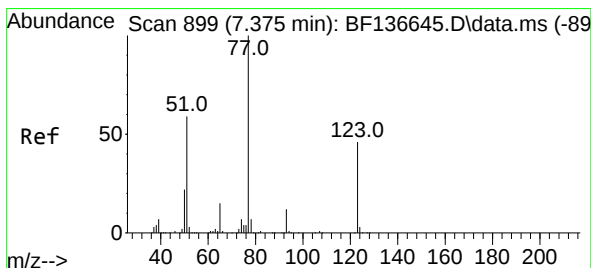
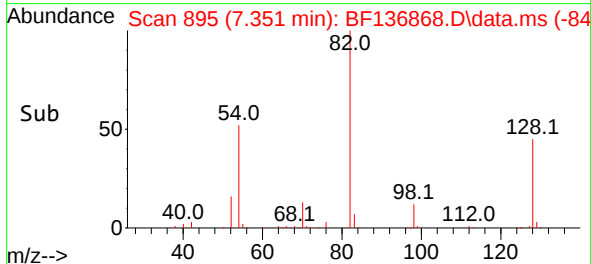
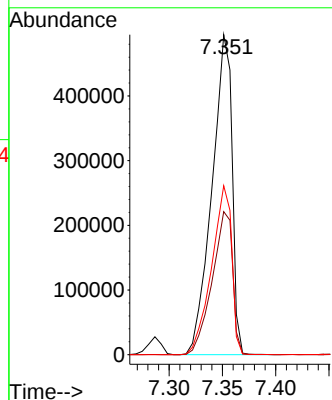
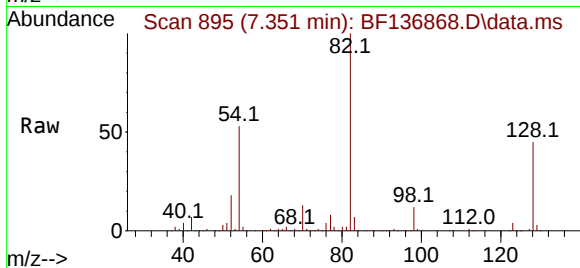
ClientSampleId :

PB158057BS

Tgt Ion: 82 Resp: 64941
Ion Ratio Lower Upper
82 100
128 44.7 35.3 52.9
54 52.8 44.5 66.7

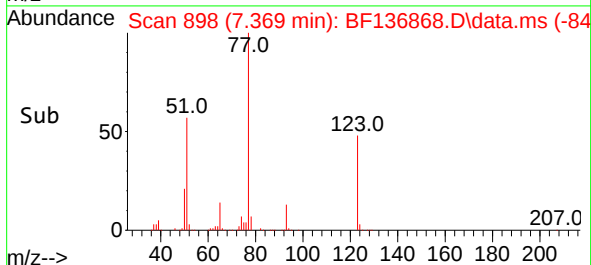
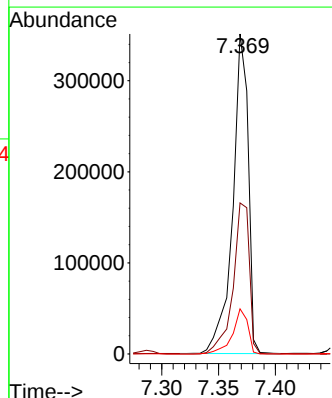
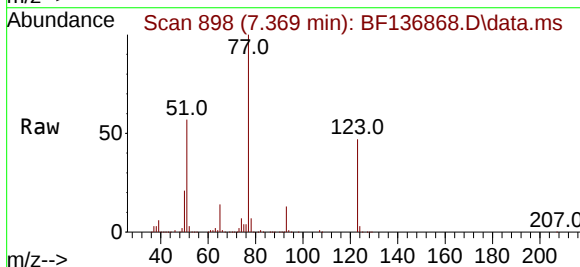
Manual Integrations
APPROVED

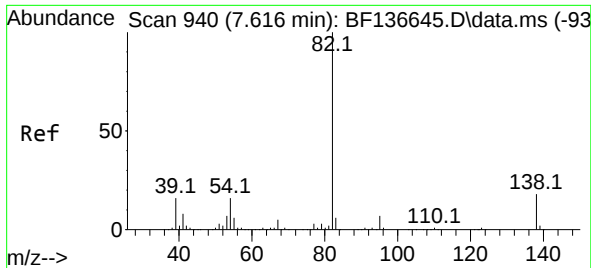
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#24
Nitrobenzene
Concen: 37.106 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Tgt Ion: 77 Resp: 332437
Ion Ratio Lower Upper
77 100
123 47.2 36.7 55.1
65 14.1 11.8 17.6





#25
Isophorone
Concen: 37.733 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Instrument :

BNA_F

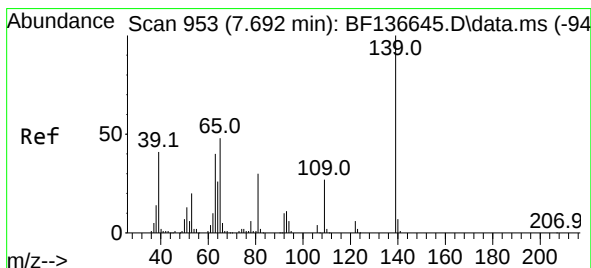
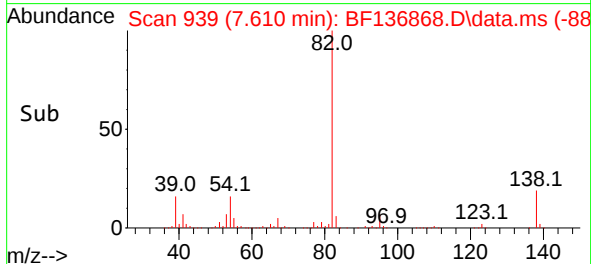
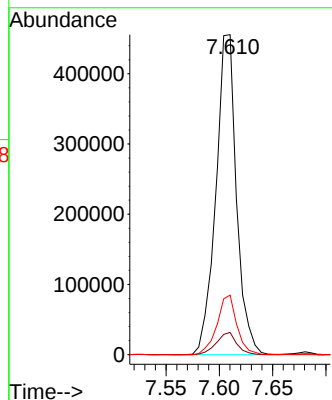
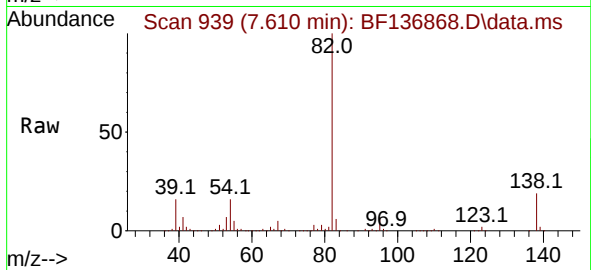
ClientSampleId :

PB158057BS

Tgt Ion: 82 Resp: 61406
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 18.6 14.5 21.7

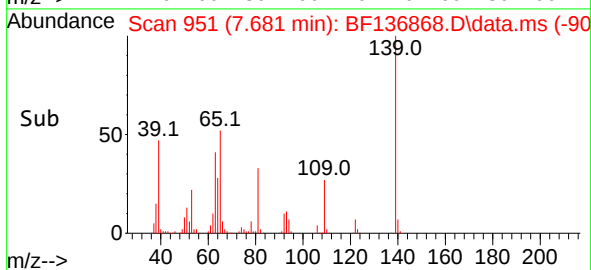
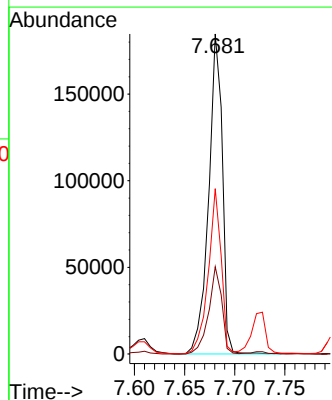
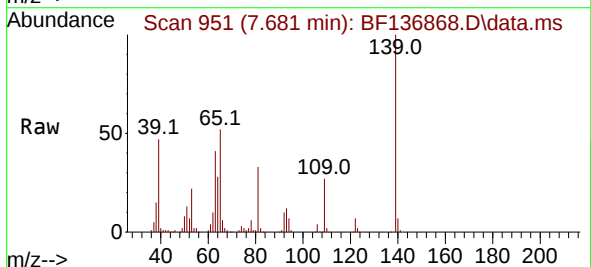
Manual Integrations
APPROVED

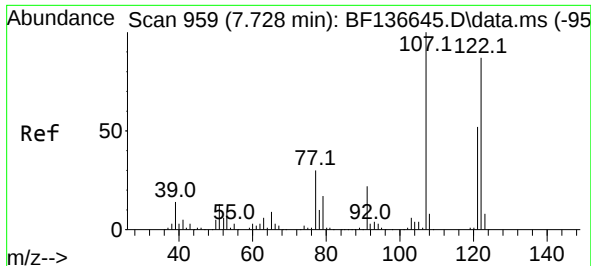
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#26
2-Nitrophenol
Concen: 41.124 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Tgt Ion:139 Resp: 176275
Ion Ratio Lower Upper
139 100
109 27.3 21.9 32.9
65 51.7 38.6 58.0





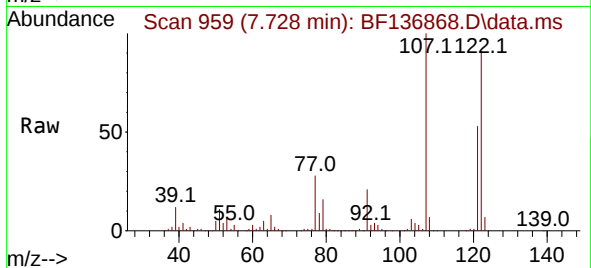
#27
2,4-Dimethylphenol
Concen: 48.594 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Instrument :

BNA_F

ClientSampleId :

PB158057BS

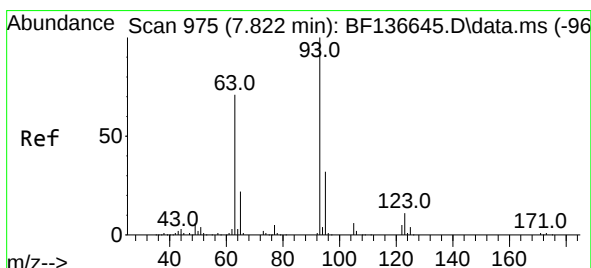
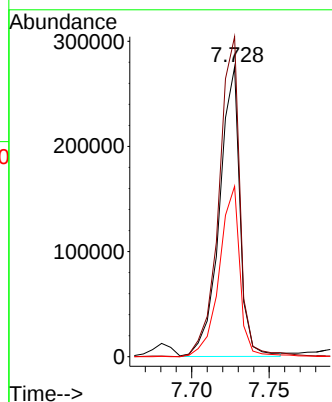
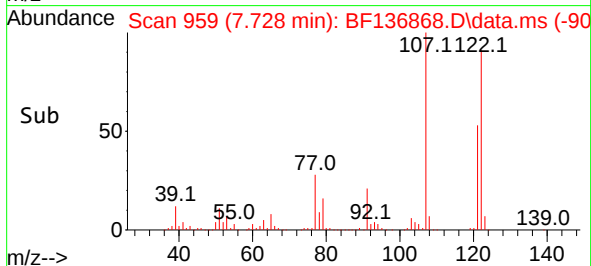


Tgt Ion:122 Resp: 253590
Ion Ratio Lower Upper
122 100
107 110.5 92.0 138.0
121 58.8 47.5 71.3

Manual Integrations

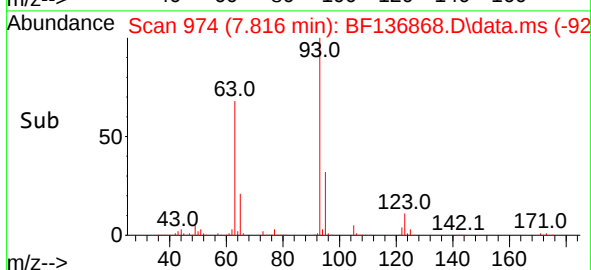
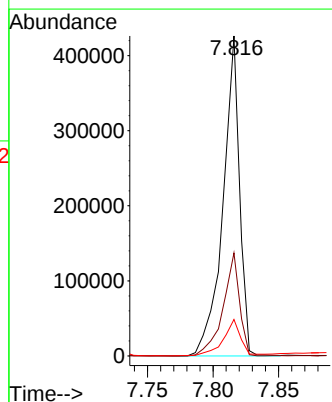
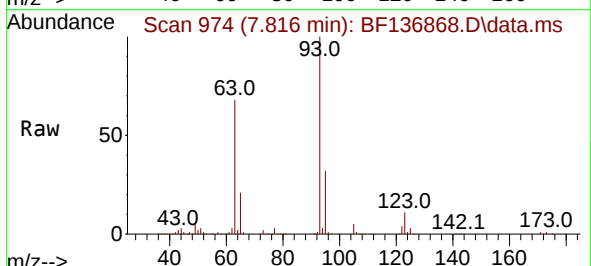
APPROVED

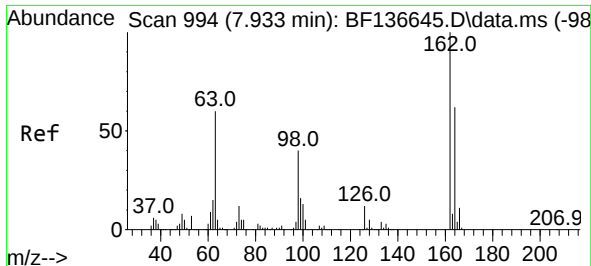
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#28
bis(2-Chloroethoxy)methane
Concen: 37.834 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Tgt Ion: 93 Resp: 374256
Ion Ratio Lower Upper
93 100
95 32.2 25.5 38.3
123 11.4 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 37.259 ng

RT: 7.928 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF136868.D

Acq: 02 Jan 2024 13:25

Instrument :

BNA_F

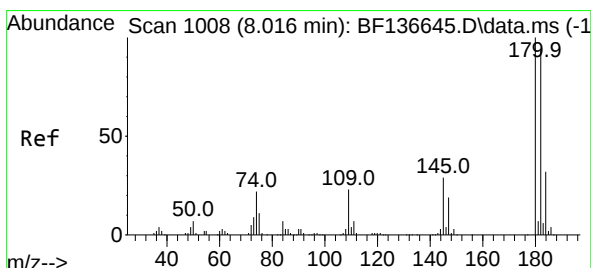
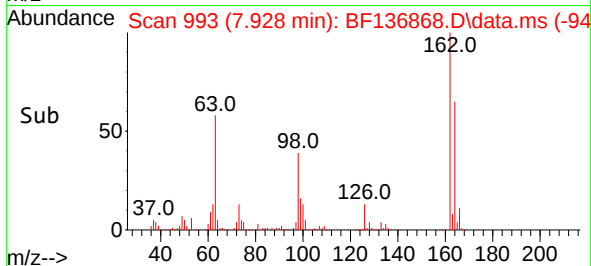
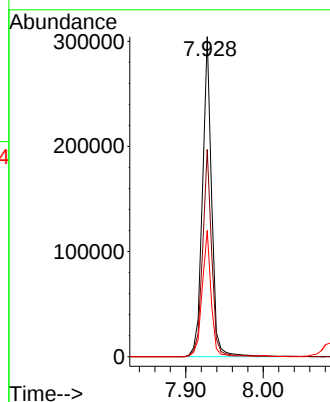
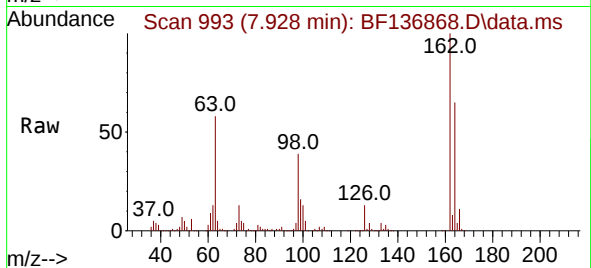
ClientSampleId :

PB158057BS

Tgt Ion:162 Resp: 25032
 Ion Ratio Lower Upper
 162 100
 164 64.8 41.7 81.7
 98 39.4 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: 37.736 ng

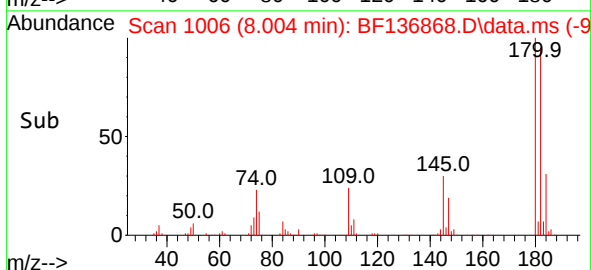
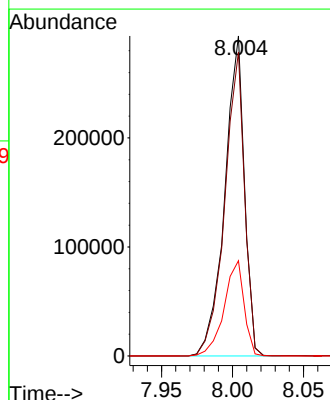
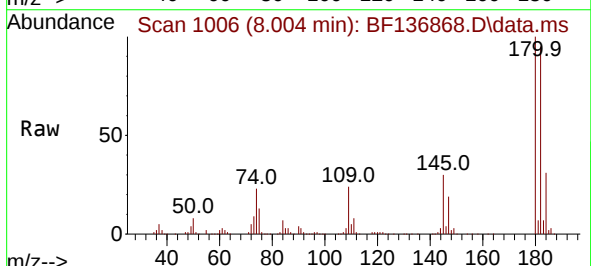
RT: 8.004 min Scan# 1006

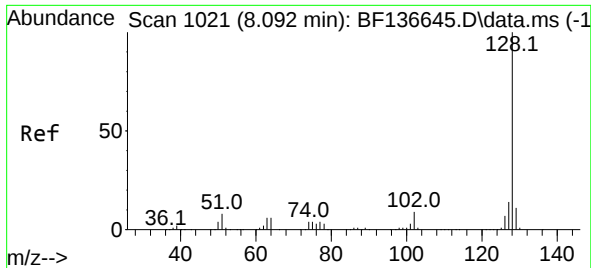
Delta R.T. -0.012 min

Lab File: BF136868.D

Acq: 02 Jan 2024 13:25

Tgt Ion:180 Resp: 282472
 Ion Ratio Lower Upper
 180 100
 182 95.0 75.4 113.0
 145 29.8 23.1 34.7





#31
Naphthalene
Concen: 37.461 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Instrument :

BNA_F

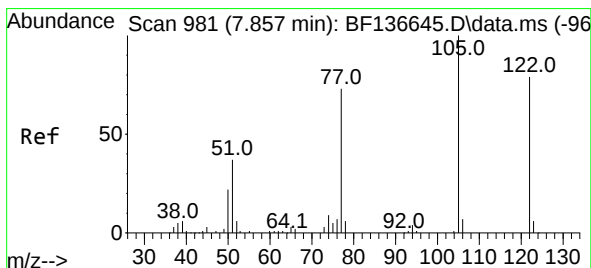
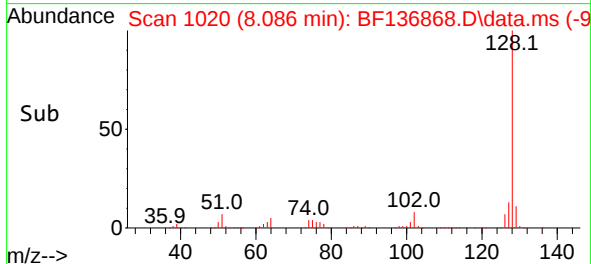
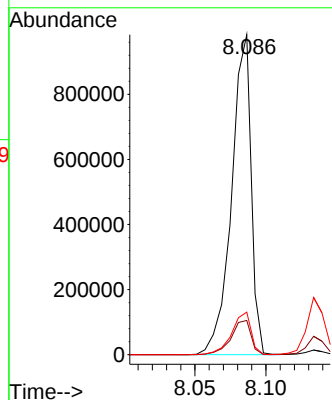
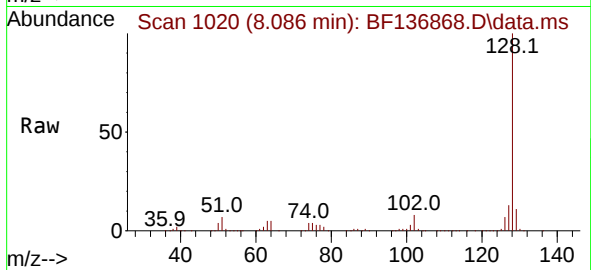
ClientSampleId :

PB158057BS

Tgt Ion:128 Resp: 94187
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.3 10.8 16.2

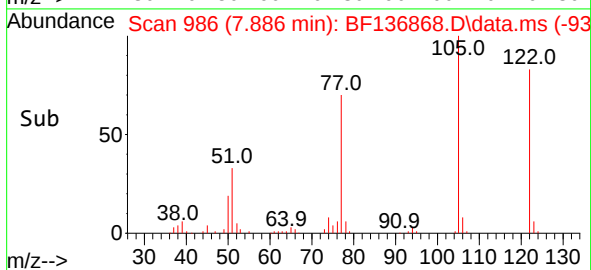
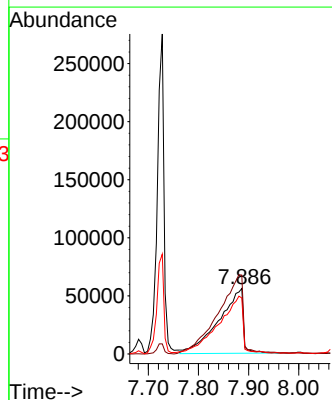
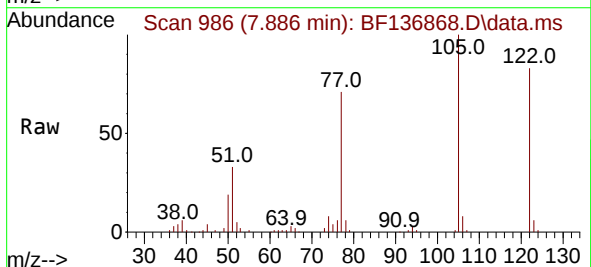
Manual Integrations
APPROVED

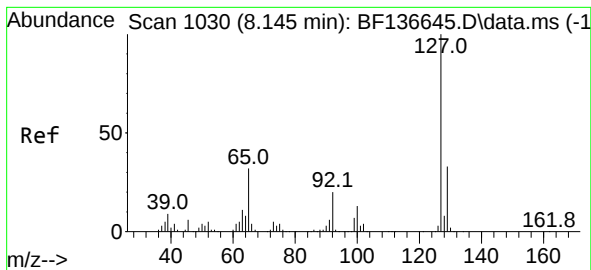
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#32
Benzoic acid
Concen: 37.323 ng
RT: 7.886 min Scan# 986
Delta R.T. 0.029 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Tgt Ion:122 Resp: 188457
Ion Ratio Lower Upper
122 100
105 120.6 100.8 140.8
77 85.6 70.9 110.9





#33
4-Chloroaniline
Concen: 18.731 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Instrument :

BNA_F

ClientSampleId :

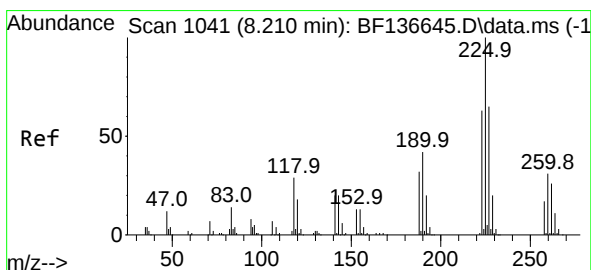
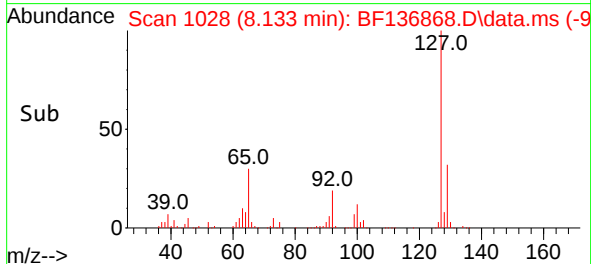
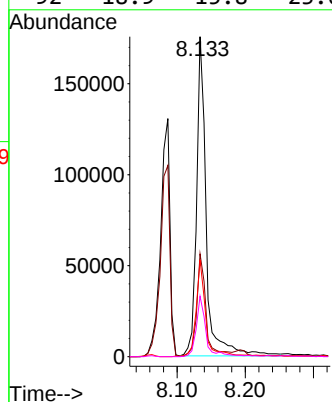
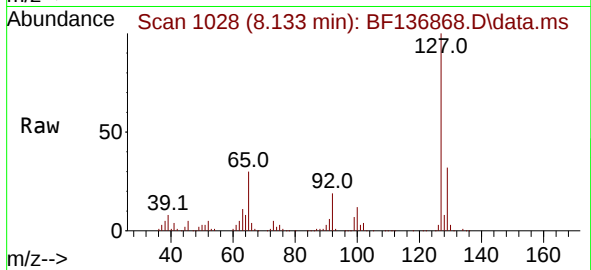
PB158057BS

Tgt Ion:127 Resp: 173880
Ion Ratio Lower Upper
127 100
129 32.2 26.3 39.5
65 30.3 25.8 38.8
92 18.9 15.8 23.6

Manual Integrations

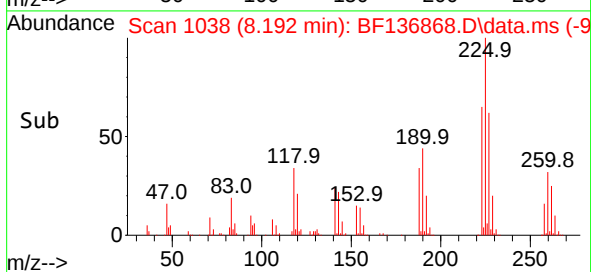
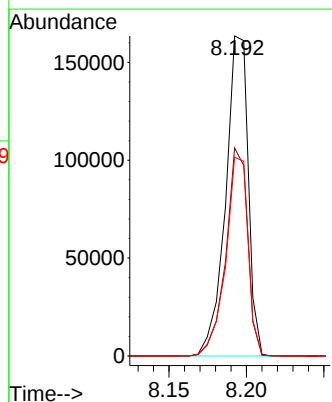
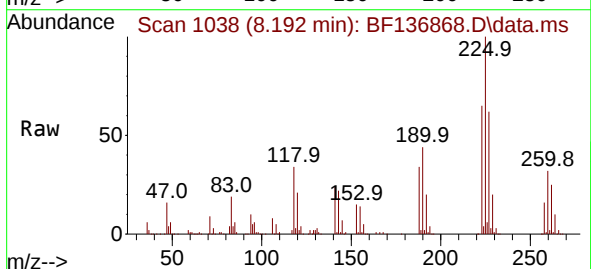
APPROVED

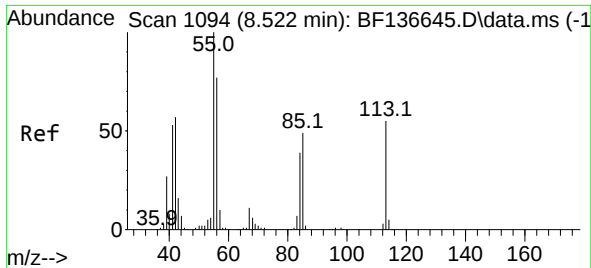
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#34
Hexachlorobutadiene
Concen: 36.462 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.018 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Tgt Ion:225 Resp: 165826
Ion Ratio Lower Upper
225 100
223 65.0 50.6 76.0
227 62.1 51.9 77.9





#35
Caprolactam
Concen: 36.389 ng m
RT: 8.528 min Scan# 1094
Delta R.T. 0.006 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Instrument :

BNA_F

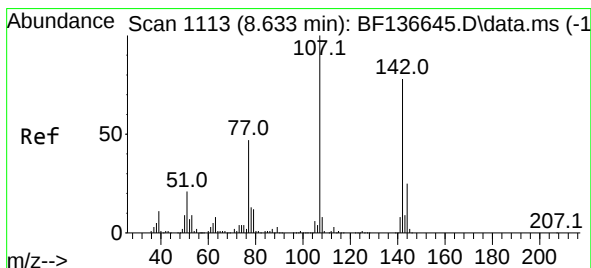
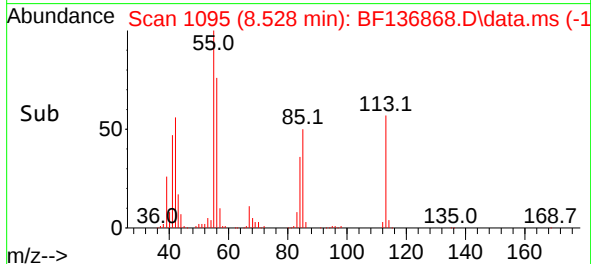
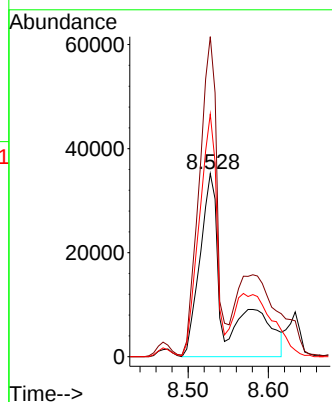
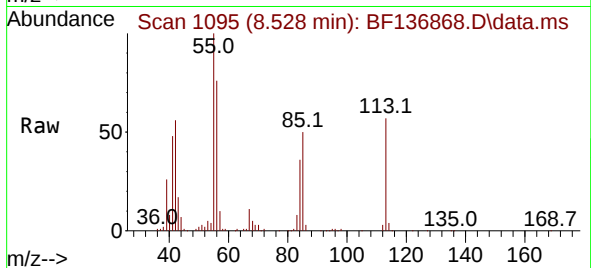
ClientSampleId :

PB158057BS

Tgt Ion:113 Resp: 8065
Ion Ratio Lower Upper
113 100
55 174.9 163.1 203.1
56 132.6 121.7 161.7

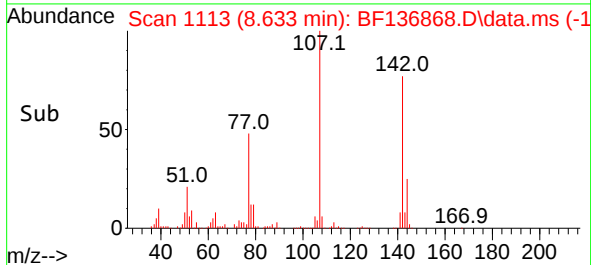
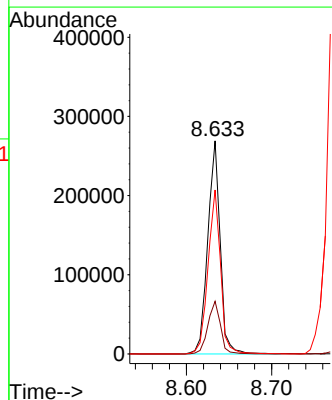
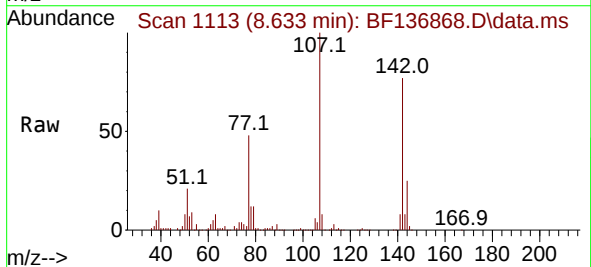
Manual Integrations
APPROVED

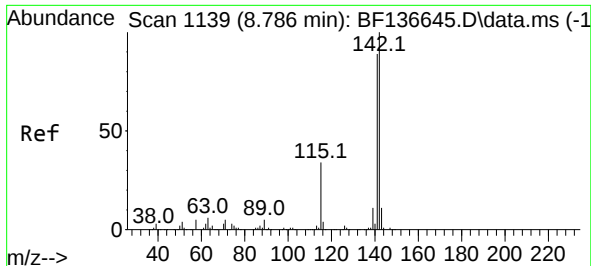
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#36
4-Chloro-3-methylphenol
Concen: 36.097 ng
RT: 8.633 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Tgt Ion:107 Resp: 273016
Ion Ratio Lower Upper
107 100
144 24.7 20.2 30.2
142 76.9 62.3 93.5





#37

2-Methylnaphthalene

Concen: 36.365 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF136868.D

Acq: 02 Jan 2024 13:25

Instrument :

BNA_F

ClientSampleId :

PB158057BS

Tgt Ion:142 Resp: 58841

Ion Ratio Lower Upper

142 100

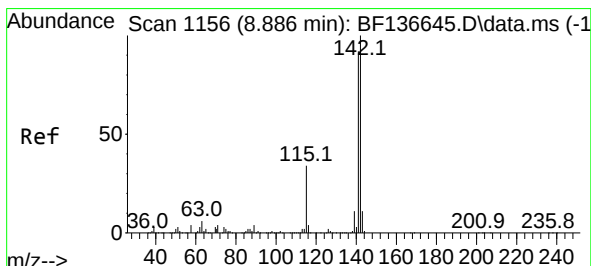
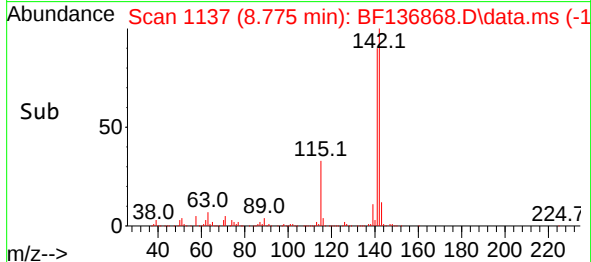
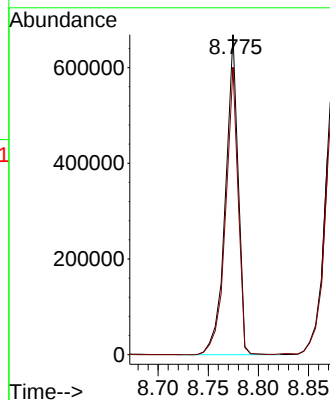
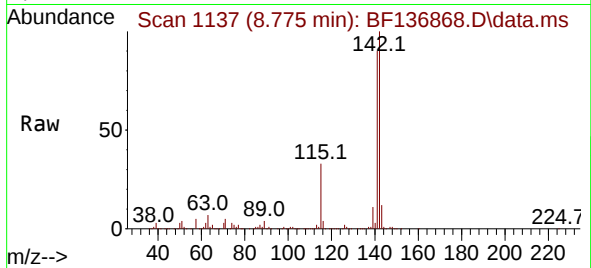
141 89.8 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#38

1-Methylnaphthalene

Concen: 34.931 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136868.D

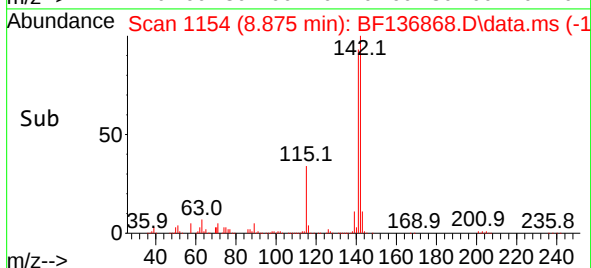
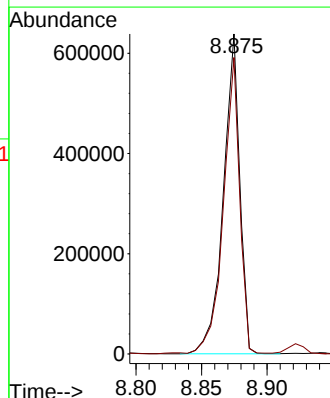
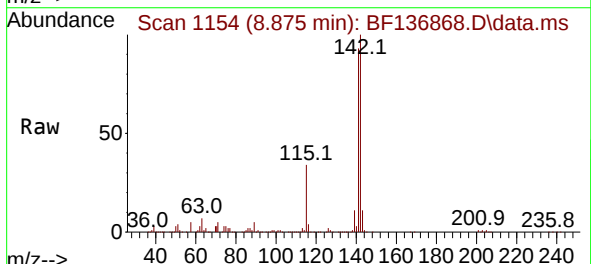
Acq: 02 Jan 2024 13:25

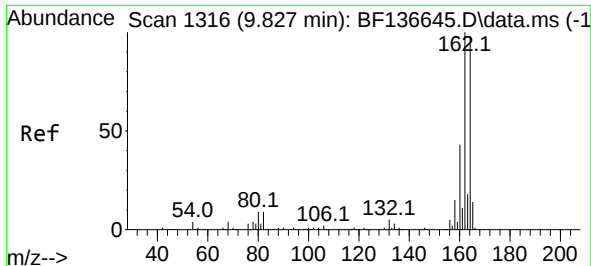
Tgt Ion:142 Resp: 554516

Ion Ratio Lower Upper

142 100

141 92.7 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF136868.D

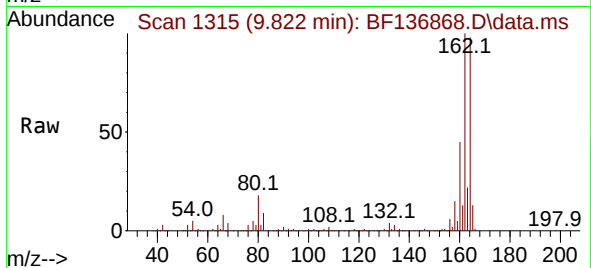
Acq: 02 Jan 2024 13:25

Instrument :

BNA_F

ClientSampleId :

PB158057BS



Tgt Ion:164 Resp: 219320

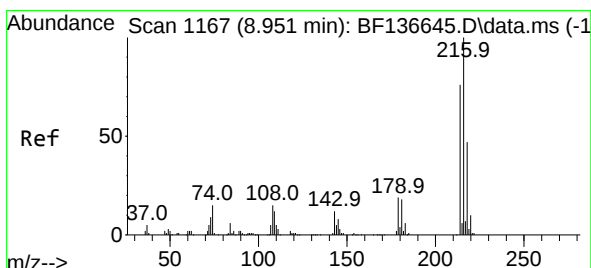
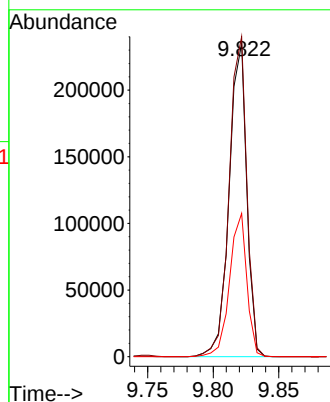
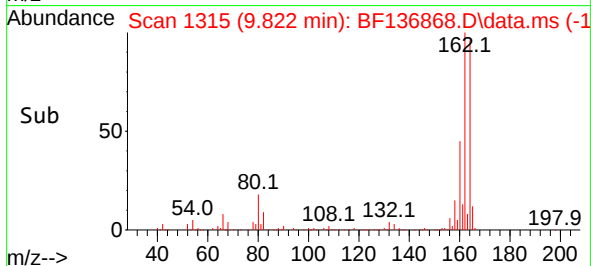
Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.6	122.4
160	45.7	34.9	52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.747 ng

RT: 8.939 min Scan# 1165

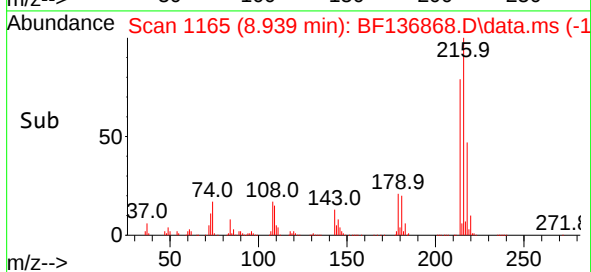
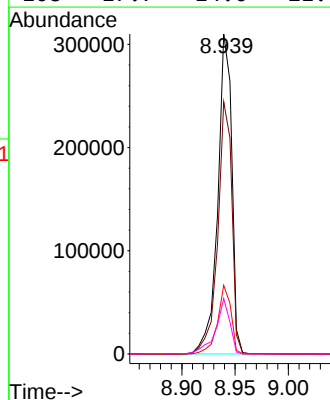
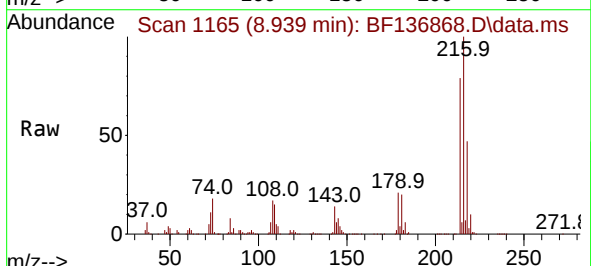
Delta R.T. -0.012 min

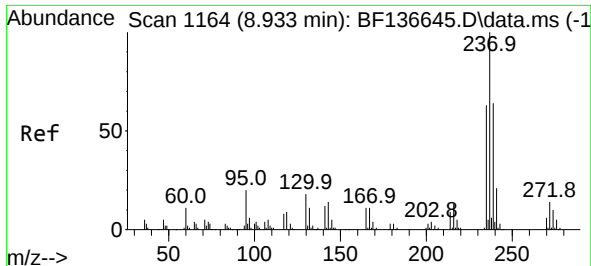
Lab File: BF136868.D

Acq: 02 Jan 2024 13:25

Tgt Ion:216 Resp: 283562

Ion	Ratio	Lower	Upper
216	100		
214	78.9	62.3	93.5
179	20.5	16.4	24.6
108	17.7	14.0	21.0





#41
Hexachlorocyclopentadiene
Concen: 73.296 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Instrument :

BNA_F

ClientSampleId :

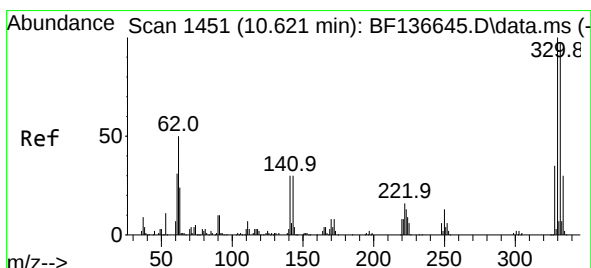
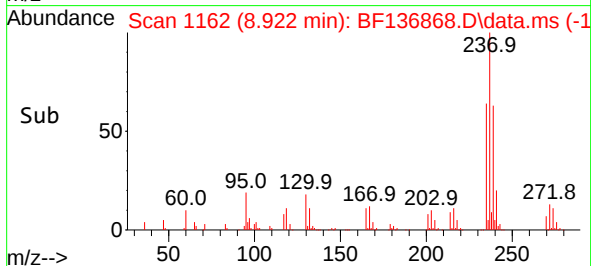
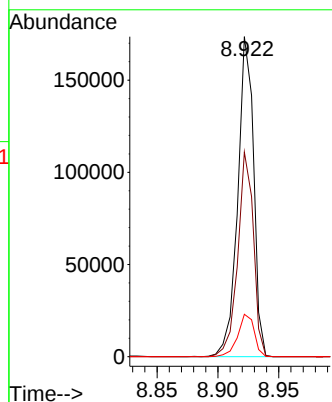
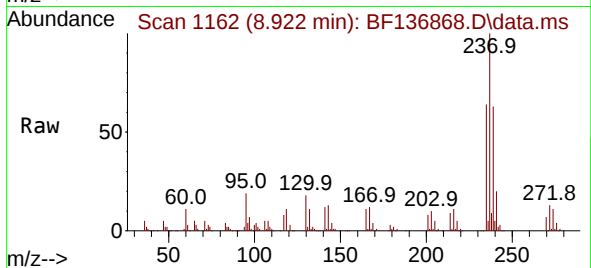
PB158057BS

Tgt Ion:237 Resp: 15779
Ion Ratio Lower Upper
237 100
235 63.9 43.2 83.2
272 13.2 0.0 34.2

Manual Integrations

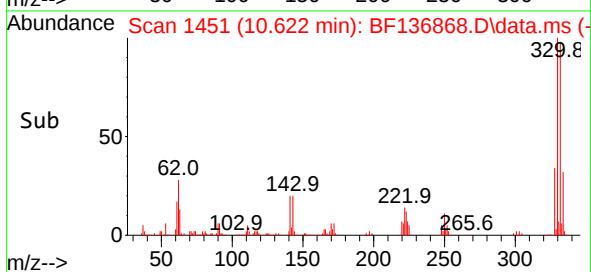
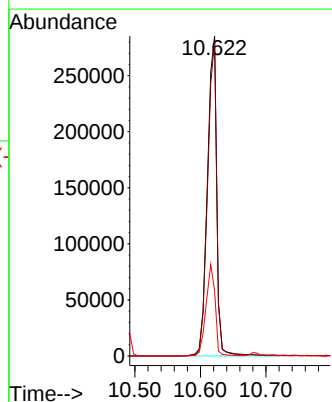
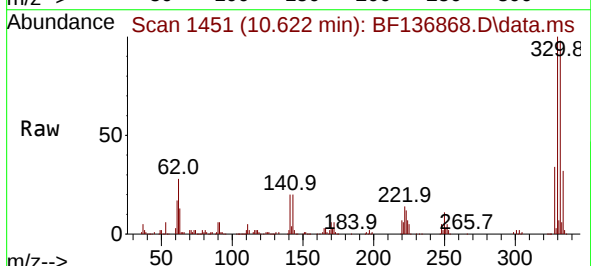
APPROVED

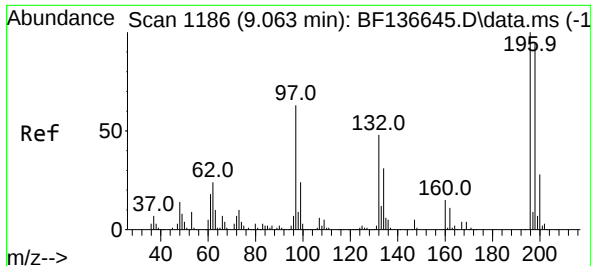
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#42
2,4,6-Tribromophenol
Concen: 109.531 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Tgt Ion:330 Resp: 282923
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.0
141 28.1 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 40.486 ng

RT: 9.057 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF136868.D

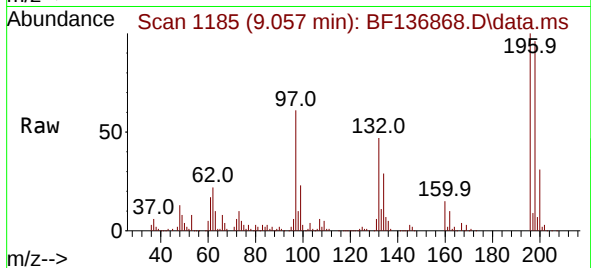
Acq: 02 Jan 2024 13:25

Instrument :

BNA_F

ClientSampleId :

PB158057BS



Tgt Ion:196 Resp: 176360

Ion Ratio Lower Upper

196 100

198 96.3 75.1 112.7

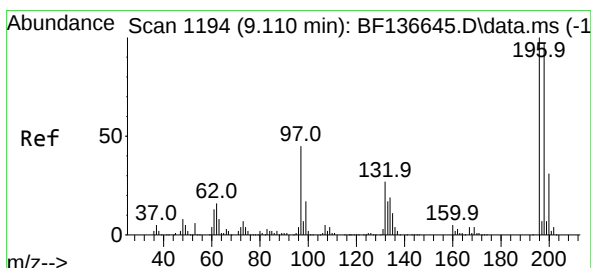
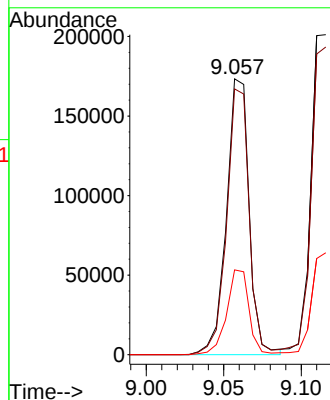
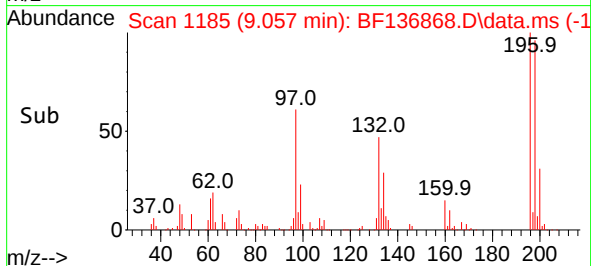
200 30.8 22.5 33.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#44

2,4,5-Trichlorophenol

Concen: 38.157 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.006 min

Lab File: BF136868.D

Acq: 02 Jan 2024 13:25

Tgt Ion:196 Resp: 185223

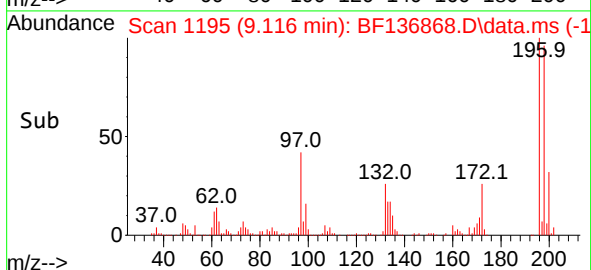
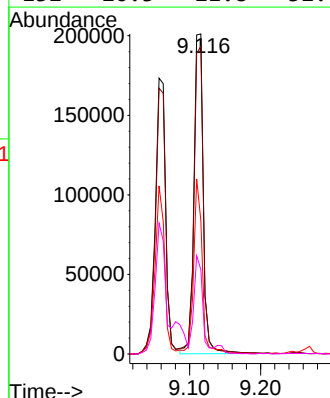
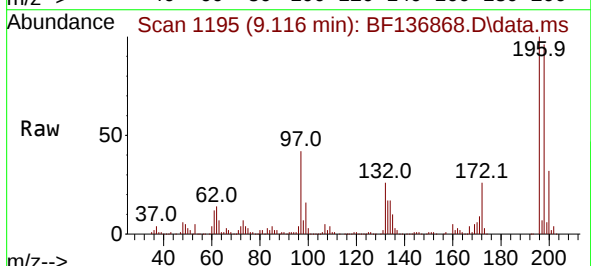
Ion Ratio Lower Upper

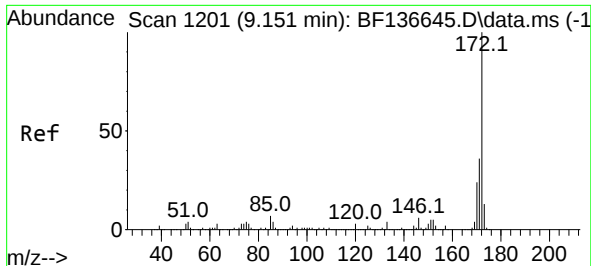
196 100

198 96.2 77.0 115.6

97 41.6 36.1 54.1

132 26.3 21.8 32.6





#45
2-Fluorobiphenyl
Concen: 73.725 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Instrument :

BNA_F

ClientSampleId :

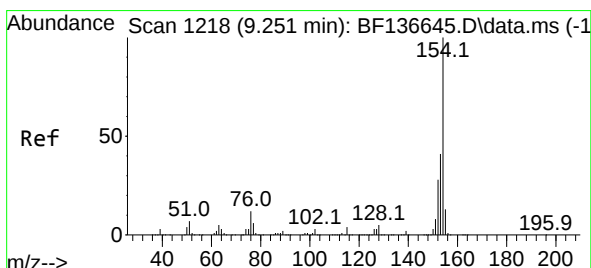
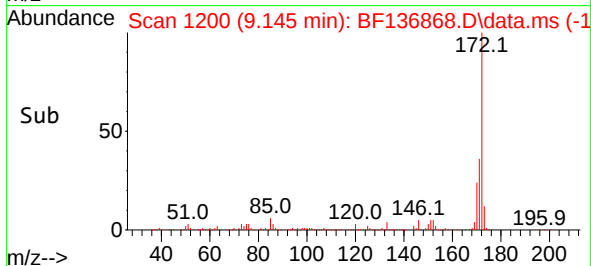
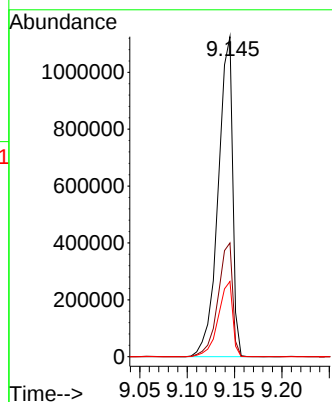
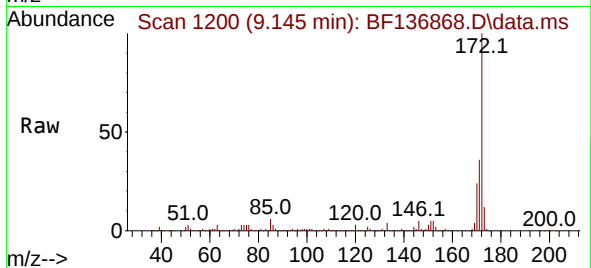
PB158057BS

Tgt Ion:172 Resp: 120222
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.6
170 23.5 19.0 28.4

Manual Integrations

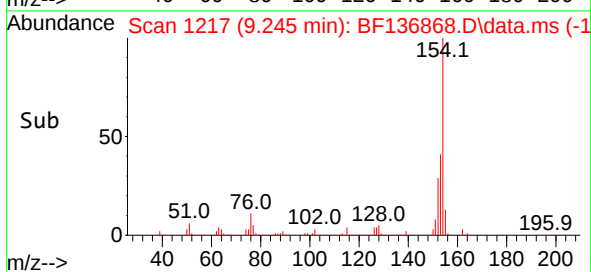
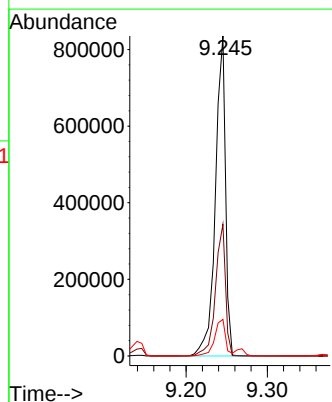
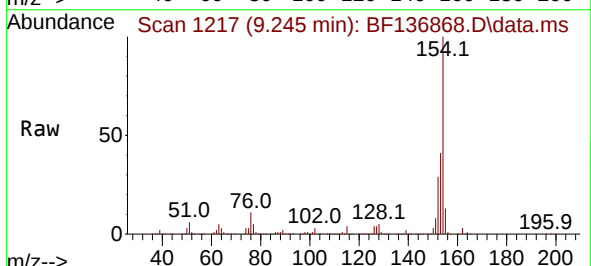
APPROVED

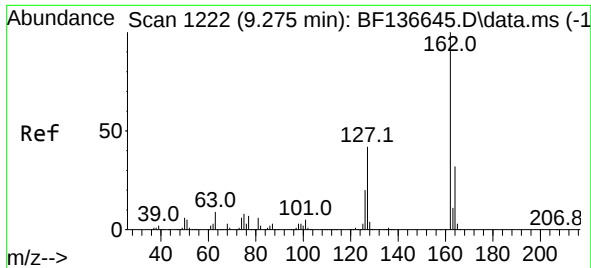
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#46
1,1'-Biphenyl
Concen: 39.141 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Tgt Ion:154 Resp: 720388
Ion Ratio Lower Upper
154 100
153 41.1 21.1 61.1
76 11.4 0.0 31.7





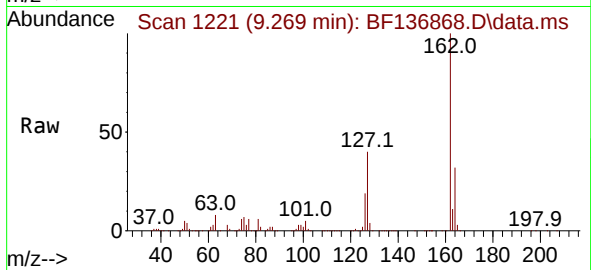
#47
2-Chloronaphthalene
Concen: 39.277 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Instrument :

BNA_F

ClientSampleId :

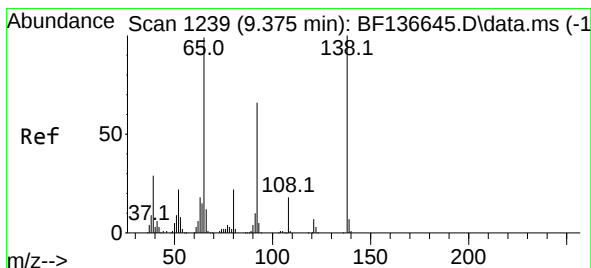
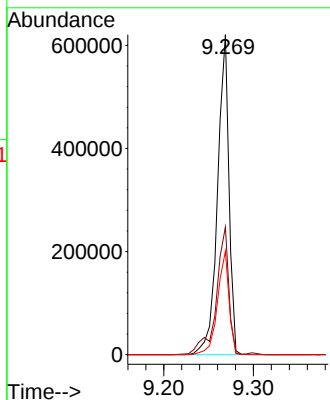
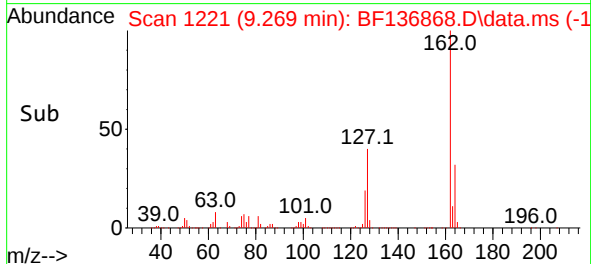
PB158057BS



Tgt Ion:162 Resp: 54954
Ion Ratio Lower Upper
162 100
127 39.9 33.6 50.4
164 32.3 25.7 38.5

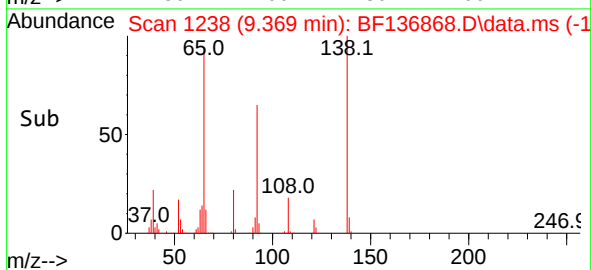
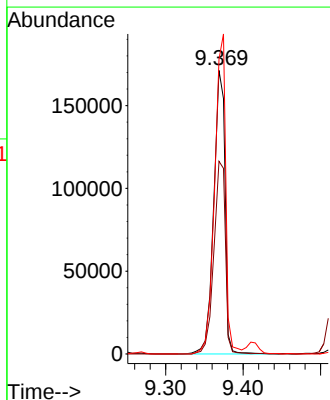
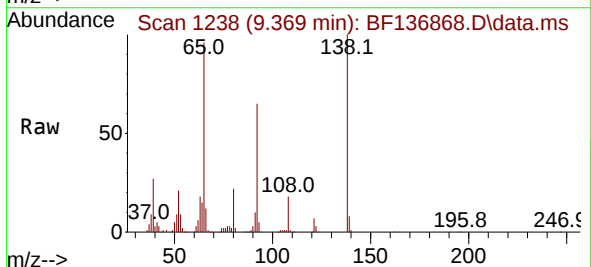
Manual Integrations
APPROVED

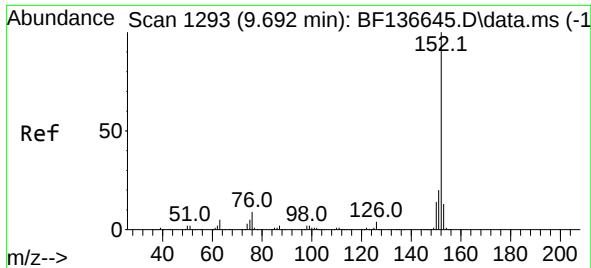
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#48
2-Nitroaniline
Concen: 39.672 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Tgt Ion: 65 Resp: 173820
Ion Ratio Lower Upper
65 100
92 68.0 53.2 79.8
138 103.9 81.1 121.7





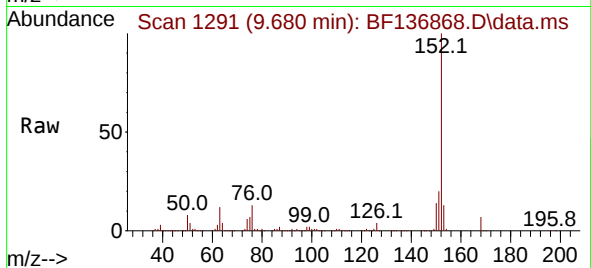
#49
Acenaphthylene
Concen: 40.243 ng
RT: 9.680 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Instrument :

BNA_F

ClientSampleId :

PB158057BS



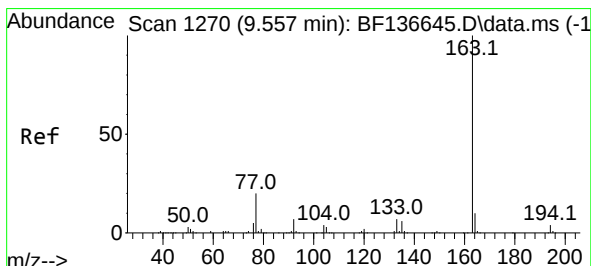
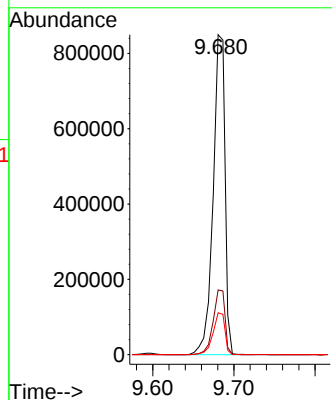
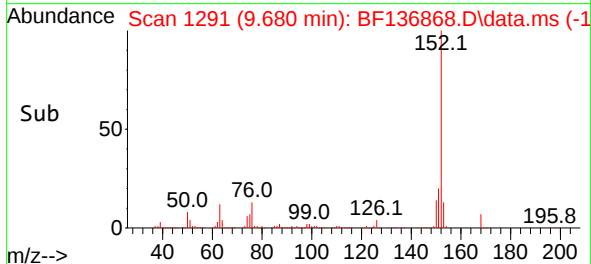
Tgt Ion:152 Resp: 860644
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.1 10.2 15.2

Manual Integrations

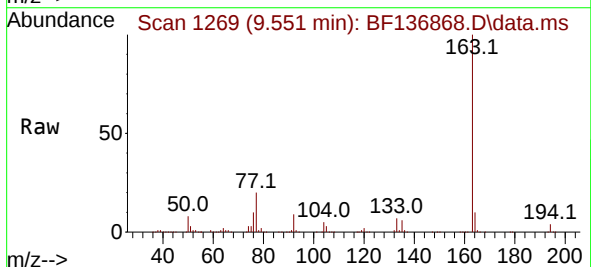
APPROVED

Reviewed By :Yogesh Patel 01/03/2024

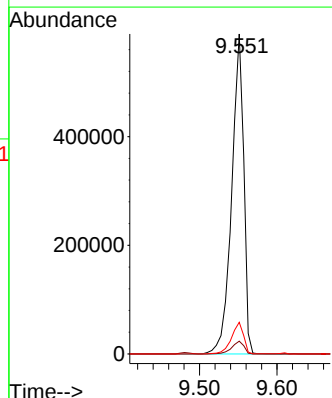
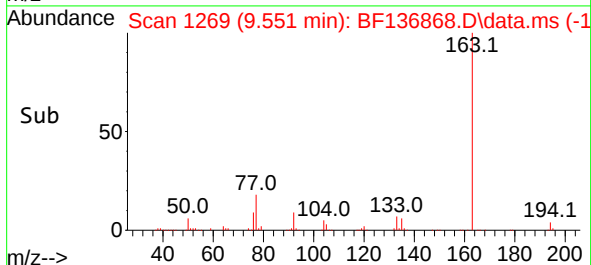
Supervised By :mohammad ahmed 01/03/2024

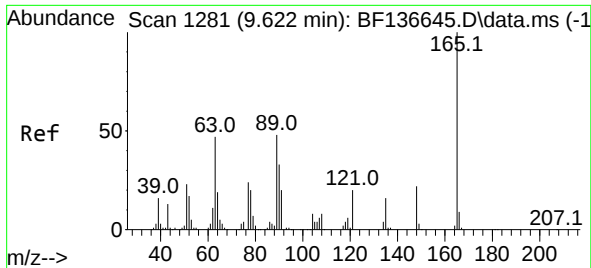


#50
Dimethylphthalate
Concen: 39.762 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25



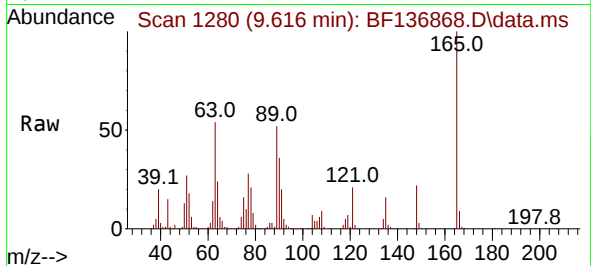
Tgt Ion:163 Resp: 636986
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.9 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 37.887 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

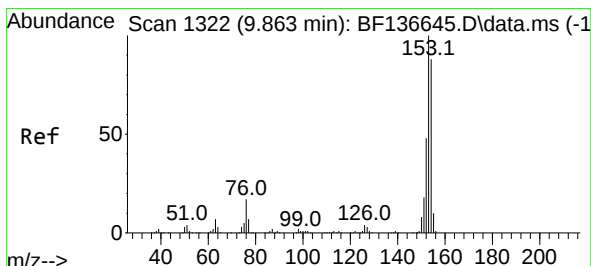
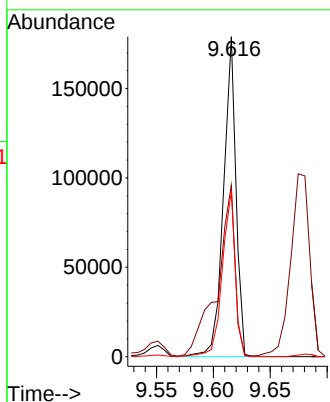
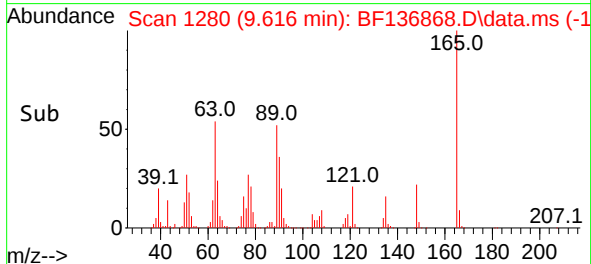
Instrument :
BNA_F
ClientSampleId :
PB158057BS



Tgt Ion:165 Resp: 137748
Ion Ratio Lower Upper
165 100
63 53.5 39.8 59.6
89 51.8 38.8 58.2

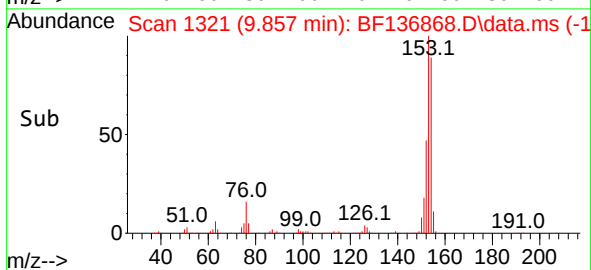
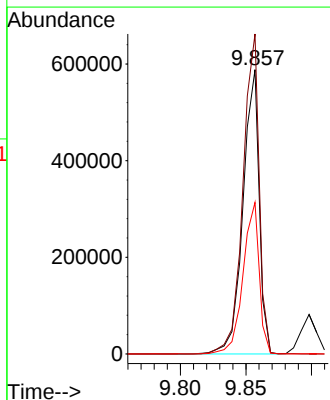
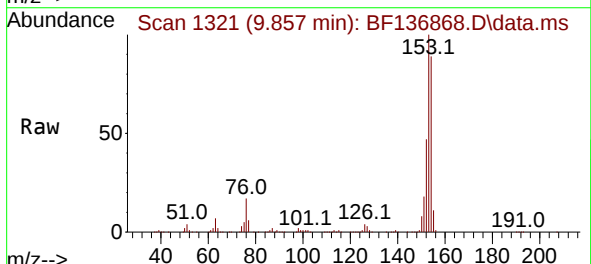
Manual Integrations
APPROVED

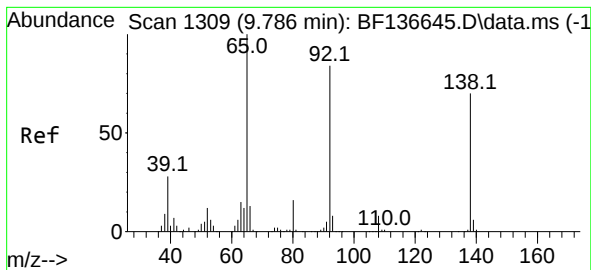
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#52
Acenaphthene
Concen: 38.301 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Tgt Ion:154 Resp: 507749
Ion Ratio Lower Upper
154 100
153 112.5 90.7 136.1
152 53.3 43.7 65.5





#53

3-Nitroaniline

Concen: 30.820 ng

RT: 9.786 min Scan# 1309

Delta R.T. 0.000 min

Lab File: BF136868.D

Acq: 02 Jan 2024 13:25

Instrument :

BNA_F

ClientSampleId :

PB158057BS

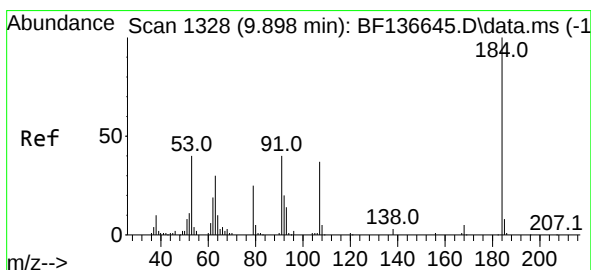
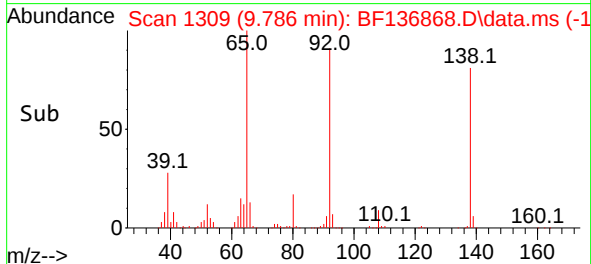
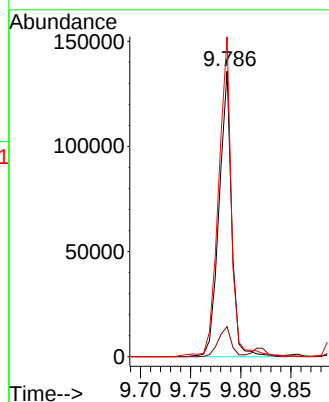
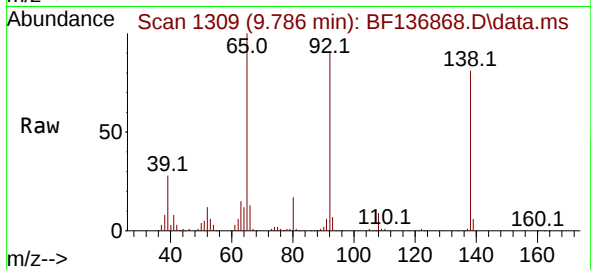
Tgt Ion:138 Resp: 118700
 Ion Ratio Lower Upper
 138 100
 108 10.5 8.6 12.8
 92 112.1 95.2 142.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#54

2,4-Dinitrophenol

Concen: 64.420 ng

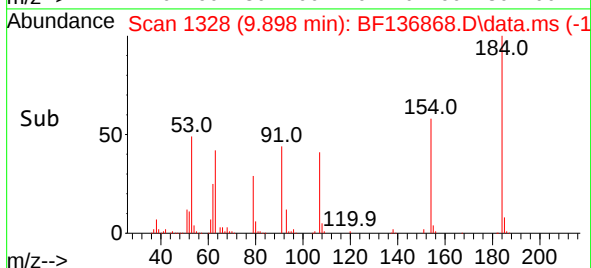
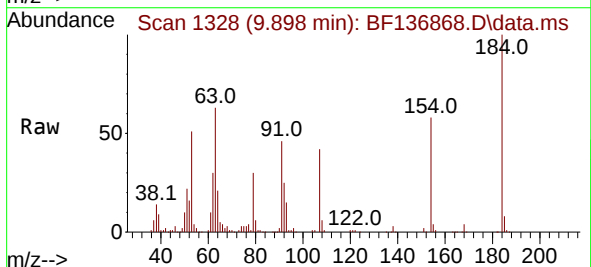
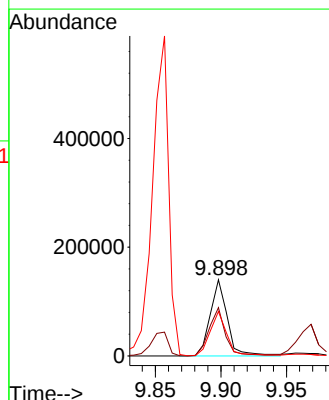
RT: 9.898 min Scan# 1328

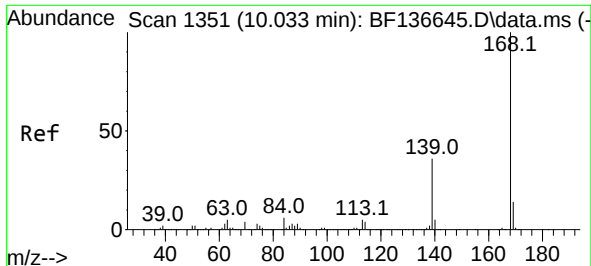
Delta R.T. 0.000 min

Lab File: BF136868.D

Acq: 02 Jan 2024 13:25

Tgt Ion:184 Resp: 128271
 Ion Ratio Lower Upper
 184 100
 63 63.4 40.9 61.3#
 154 58.4 42.7 64.1





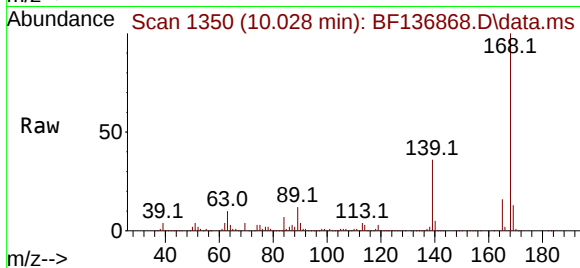
#55
Dibenzenofuran
Concen: 37.922 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Instrument :

BNA_F

ClientSampleId :

PB158057BS



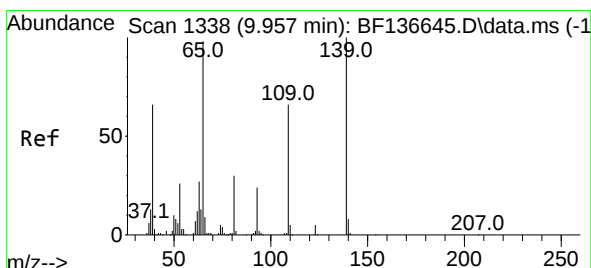
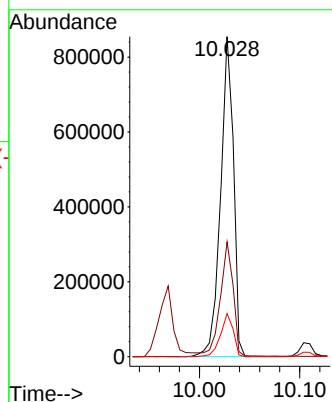
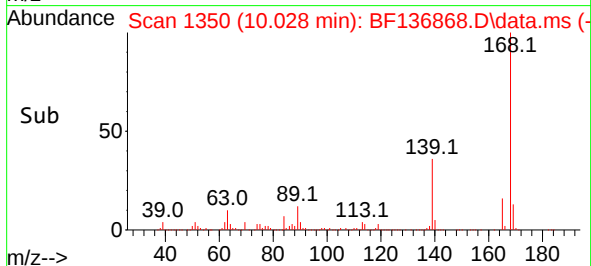
Tgt Ion:168 Resp: 762064
Ion Ratio Lower Upper
168 100
139 35.9 29.3 43.9
169 13.4 11.0 16.4

Manual Integrations

APPROVED

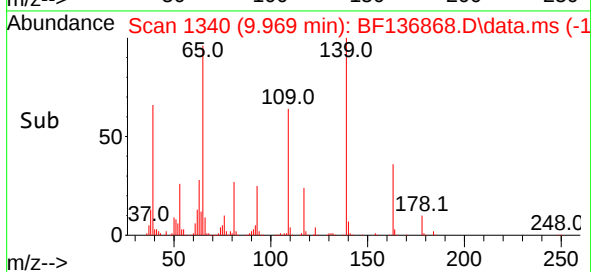
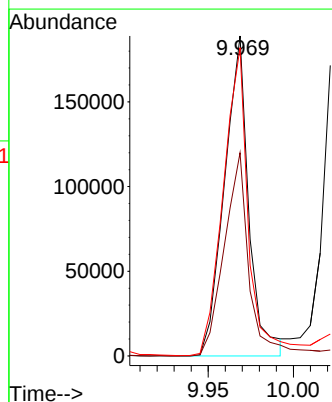
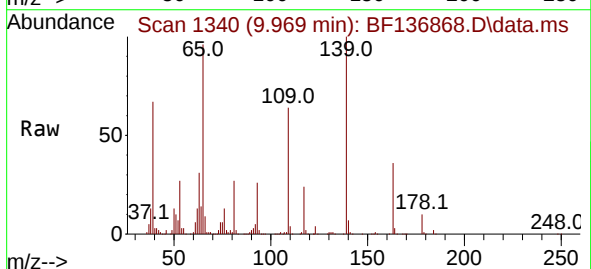
Reviewed By :Yogesh Patel 01/03/2024

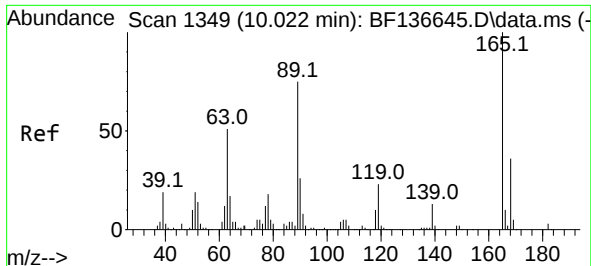
Supervised By :mohammad ahmed 01/03/2024



#56
4-Nitrophenol
Concen: 72.121 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Tgt Ion:139 Resp: 187512
Ion Ratio Lower Upper
139 100
109 63.5 45.8 85.8
65 96.3 77.8 117.8





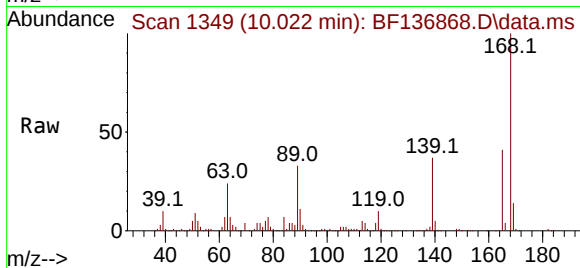
#57
2,4-Dinitrotoluene
Concen: 36.990 ng
RT: 10.022 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Instrument :

BNA_F

ClientSampleId :

PB158057BS



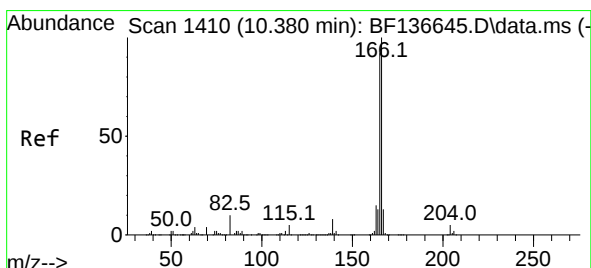
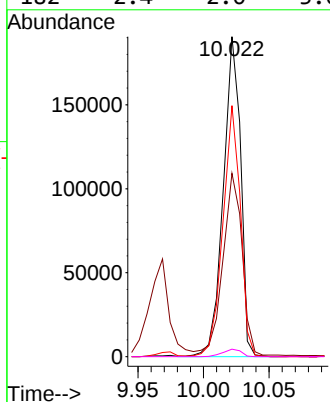
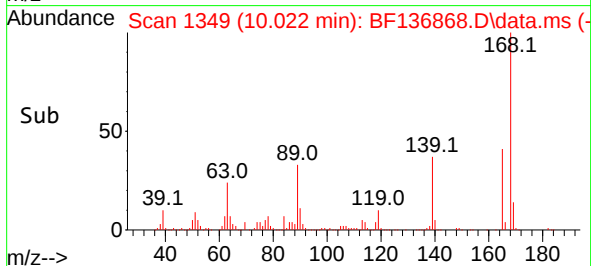
Tgt Ion:165 Resp: 174589
Ion Ratio Lower Upper
165 100
63 57.3 41.0 61.6
89 78.4 59.9 89.9
182 2.4 2.0 3.0

Manual Integrations

APPROVED

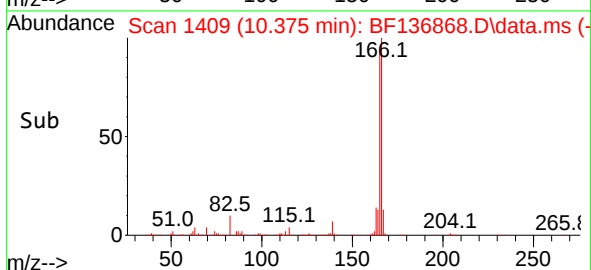
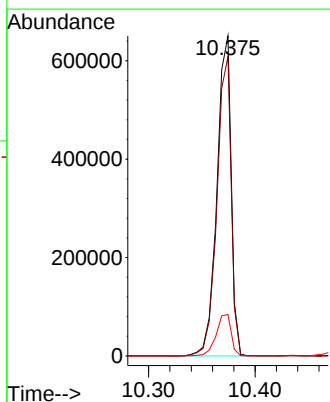
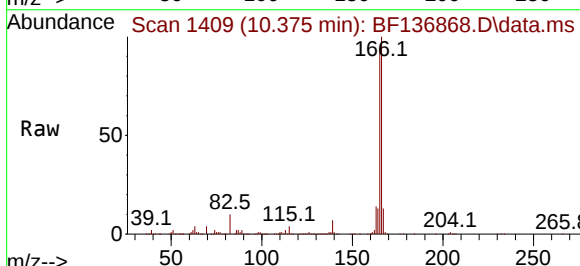
Reviewed By :Yogesh Patel 01/03/2024

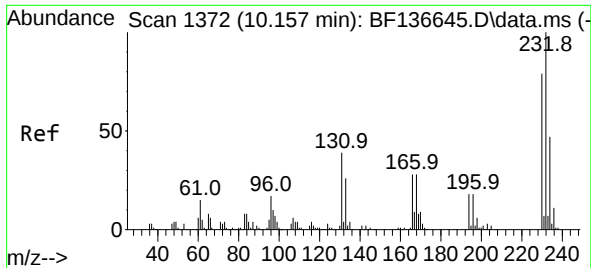
Supervised By :mohammad ahmed 01/03/2024



#58
Fluorene
Concen: 37.913 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Tgt Ion:166 Resp: 604519
Ion Ratio Lower Upper
166 100
165 93.6 73.7 110.5
167 13.0 10.4 15.6





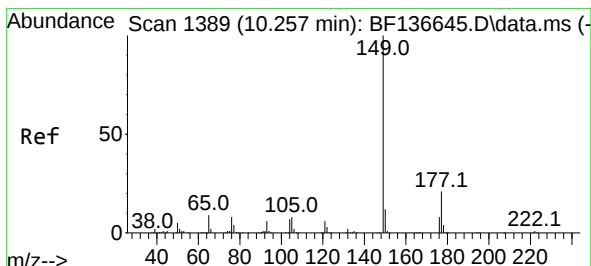
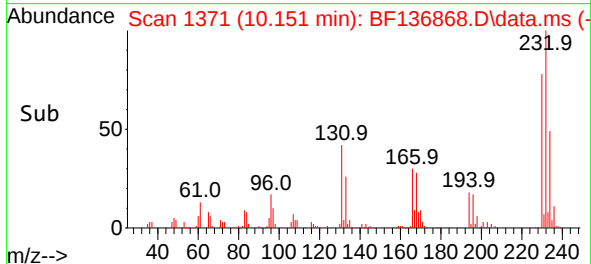
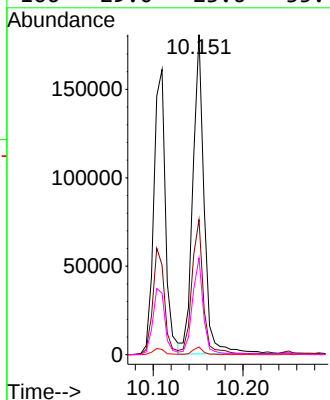
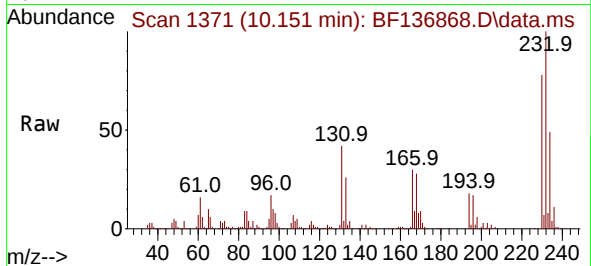
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.325 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Instrument :
BNA_F
ClientSampleId :
PB158057BS

Tgt Ion:232 Resp: 15815
Ion Ratio Lower Upper
232 100
131 41.8 35.1 52.7
130 2.2 1.6 2.4
166 29.0 23.6 35.4

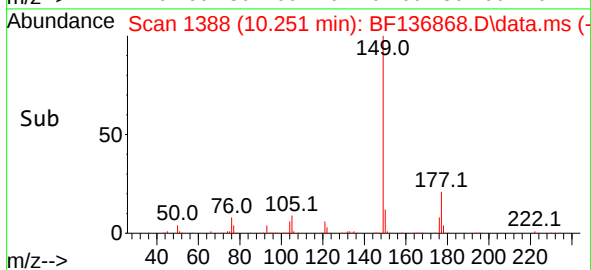
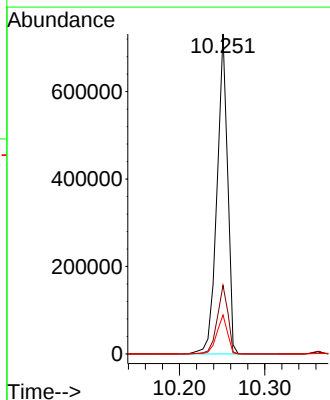
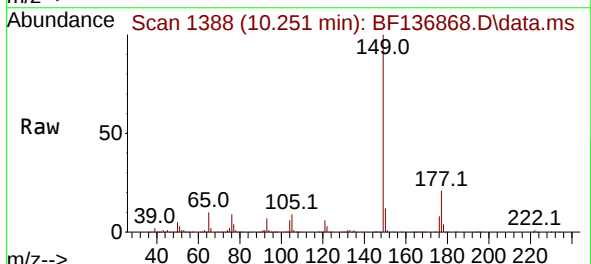
Manual Integrations
APPROVED

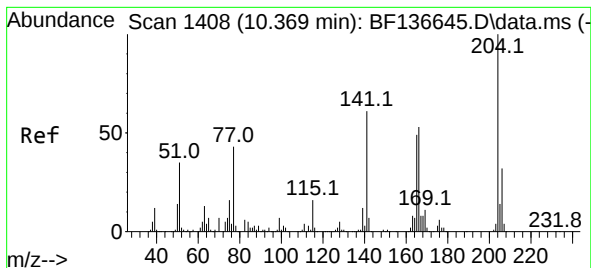
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#60
Diethylphthalate
Concen: 38.007 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

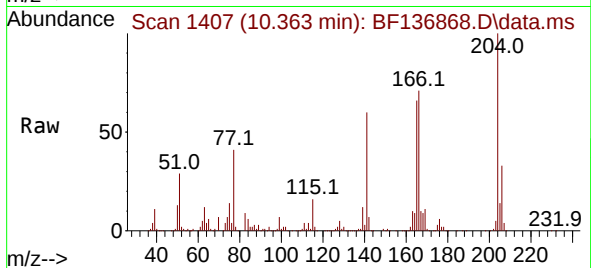
Tgt Ion:149 Resp: 631740
Ion Ratio Lower Upper
149 100
177 21.5 16.9 25.3
150 12.2 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 36.665 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

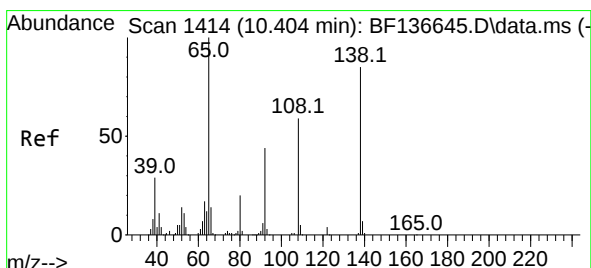
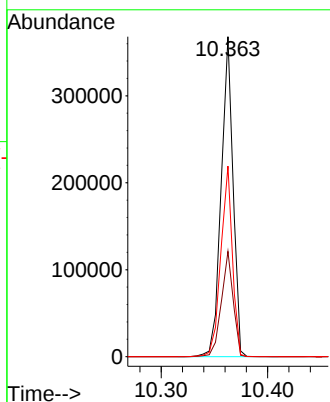
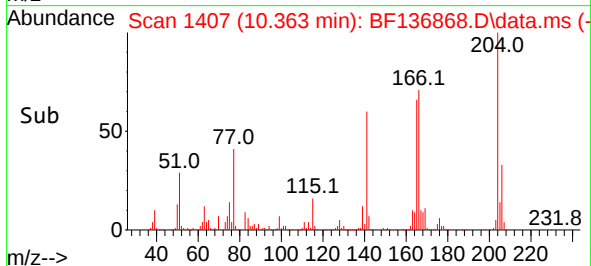
Instrument :
BNA_F
ClientSampleId :
PB158057BS



Tgt Ion:204 Resp: 284164
Ion Ratio Lower Upper
204 100
206 32.9 25.6 38.4
141 59.5 48.4 72.6

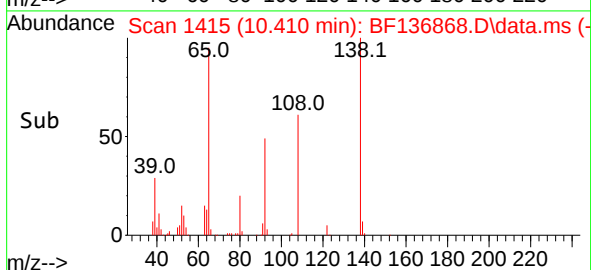
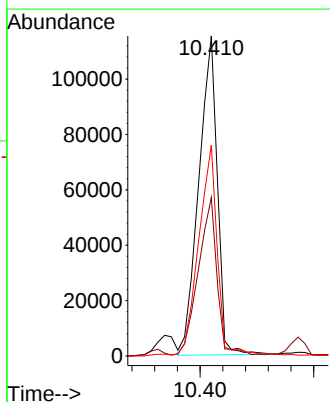
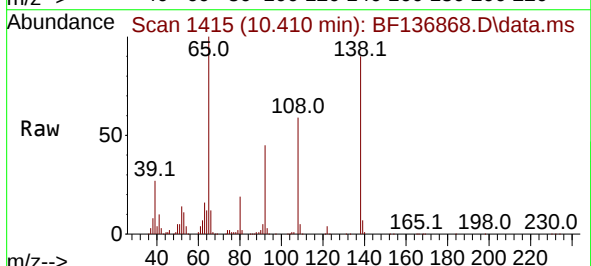
Manual Integrations
APPROVED

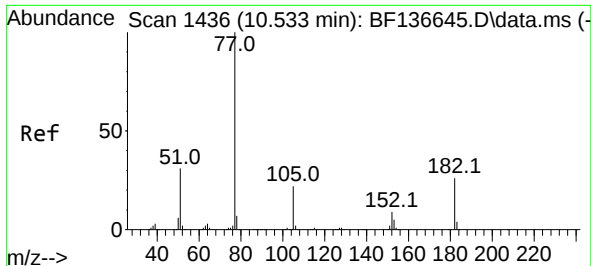
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#62
4-Nitroaniline
Concen: 35.075 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Tgt Ion:138 Resp: 130230
Ion Ratio Lower Upper
138 100
92 49.5 32.1 72.1
108 65.9 50.1 90.1





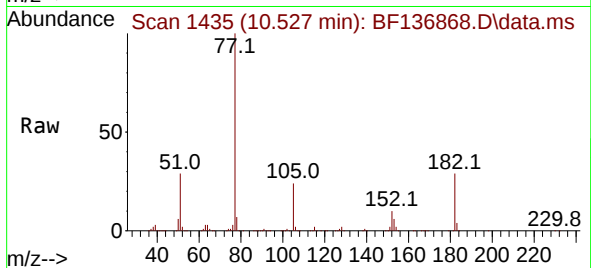
#63
Azobenzene
Concen: 37.273 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Instrument :

BNA_F

ClientSampleId :

PB158057BS



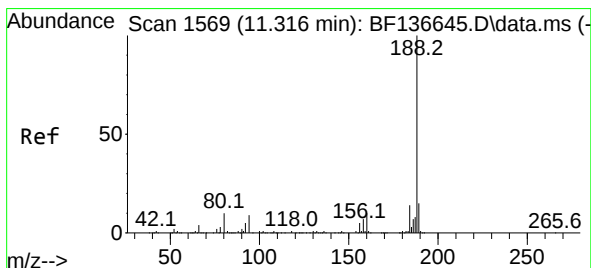
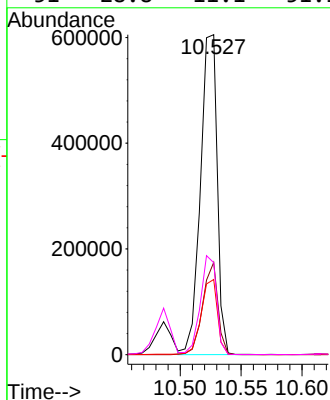
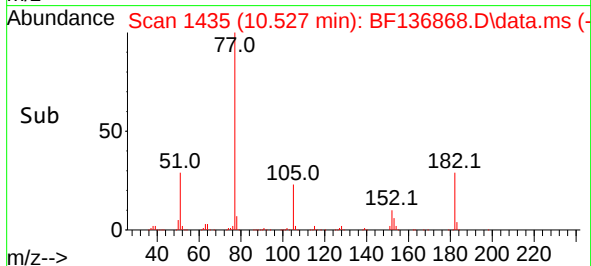
Tgt Ion: 77 Resp: 57866
Ion Ratio Lower Upper
77 100
182 28.9 6.0 46.0
105 23.5 2.3 42.3
51 28.8 11.1 51.1

Manual Integrations

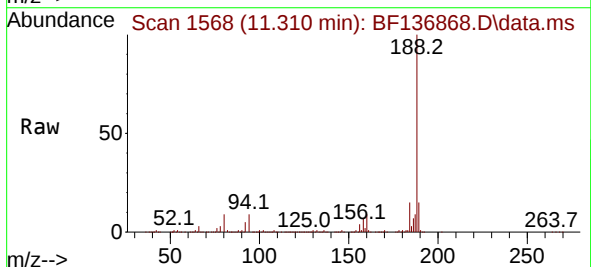
APPROVED

Reviewed By :Yogesh Patel 01/03/2024

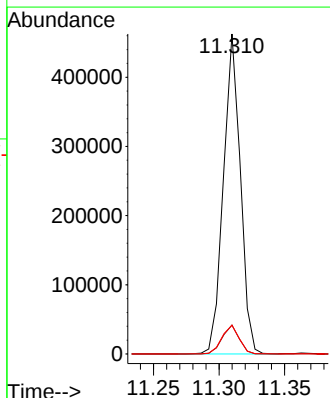
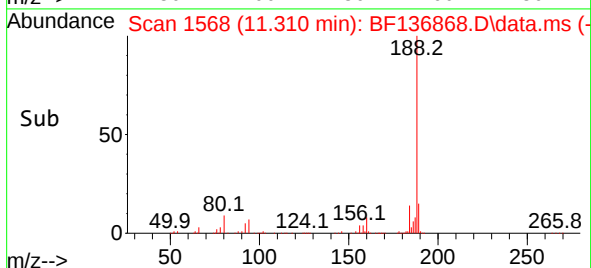
Supervised By :mohammad ahmed 01/03/2024

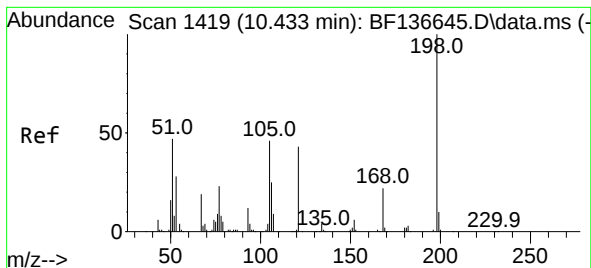


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25



Tgt Ion:188 Resp: 415553
Ion Ratio Lower Upper
188 100
94 9.1 7.5 11.3
80 8.9 8.1 12.1





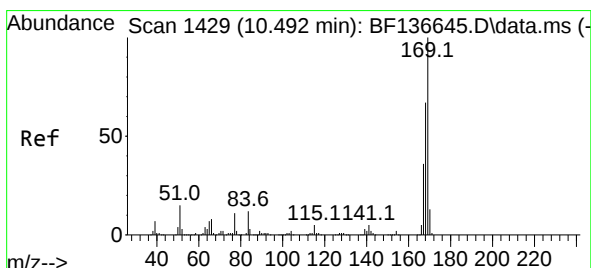
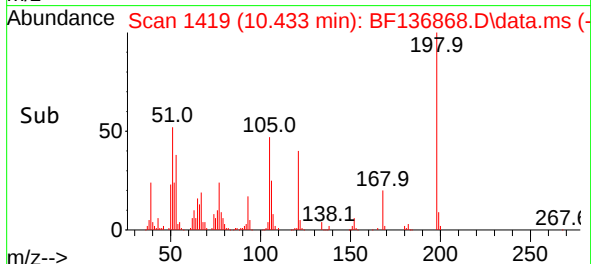
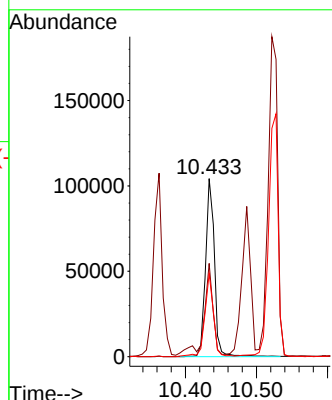
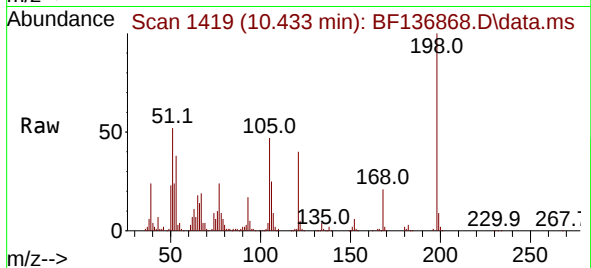
#65
4,6-Dinitro-2-methylphenol
Concen: 38.335 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Instrument :
BNA_F
ClientSampleId :
PB158057BS

Tgt Ion:198 Resp: 91290
Ion Ratio Lower Upper
198 100
51 52.4 34.1 74.1
105 46.7 27.3 67.3

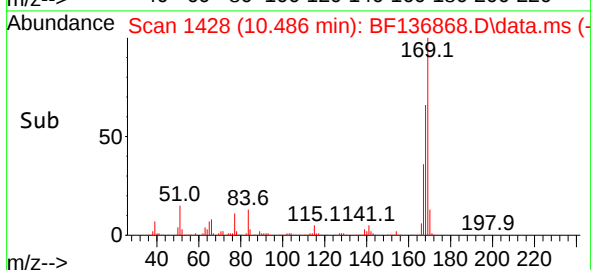
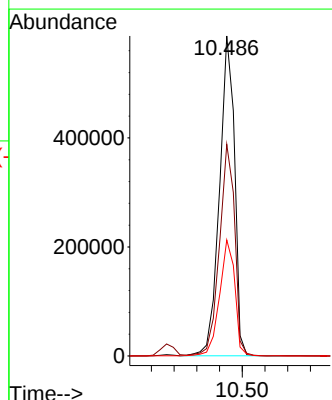
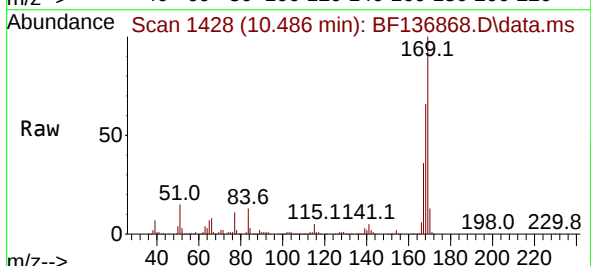
Manual Integrations
APPROVED

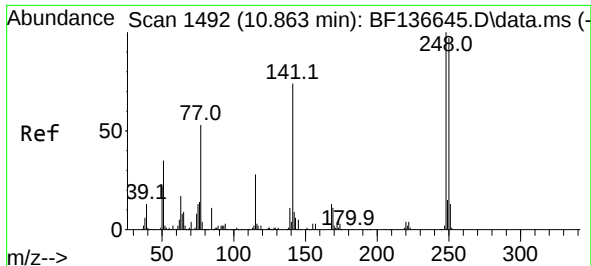
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#66
n-Nitrosodiphenylamine
Concen: 40.028 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Tgt Ion:169 Resp: 540337
Ion Ratio Lower Upper
169 100
168 66.2 53.8 80.6
167 36.3 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 38.790 ng
RT: 10.857 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Instrument :

BNA_F

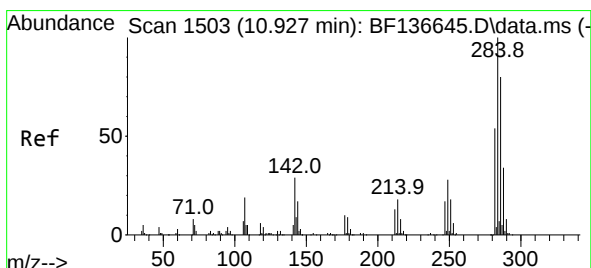
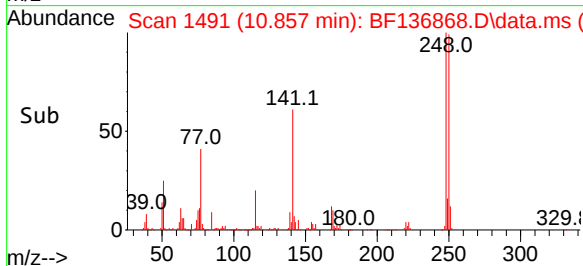
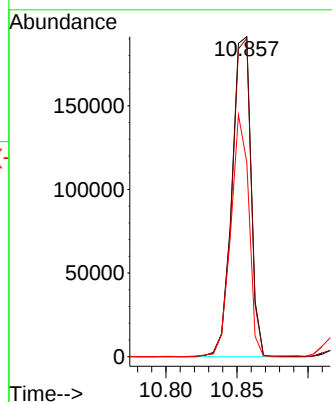
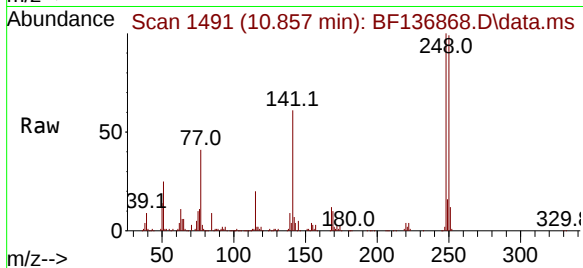
ClientSampleId :

PB158057BS

Tgt Ion:248 Resp: 179015
Ion Ratio Lower Upper
248 100
250 99.5 77.8 116.6
141 60.8 59.2 88.8

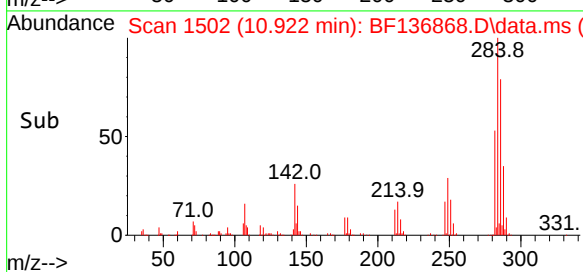
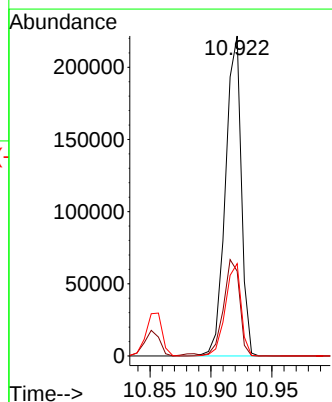
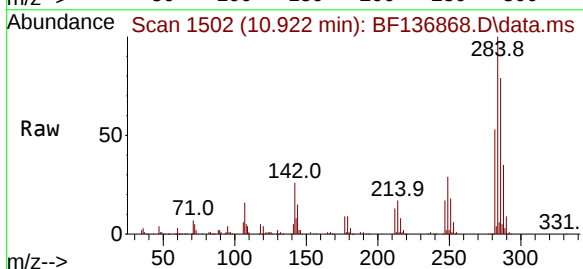
Manual Integrations
APPROVED

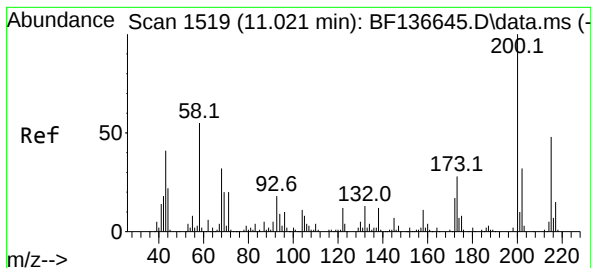
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#68
Hexachlorobenzene
Concen: 39.012 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Tgt Ion:284 Resp: 200640
Ion Ratio Lower Upper
284 100
142 26.5 23.4 35.0
249 28.9 22.3 33.5





#69

Atrazine

Concen: 37.919 ng

RT: 11.022 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF136868.D

Acq: 02 Jan 2024 13:25

Instrument :

BNA_F

ClientSampleId :

PB158057BS

Tgt Ion:200 Resp: 13092

Ion Ratio Lower Upper

200 100

173 27.7 7.6 47.6

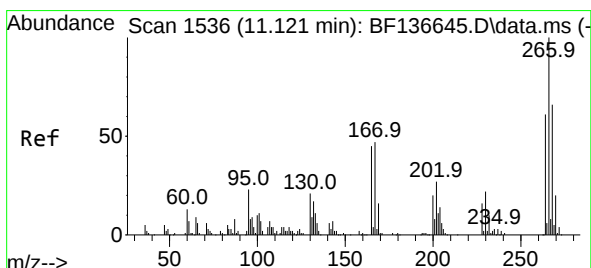
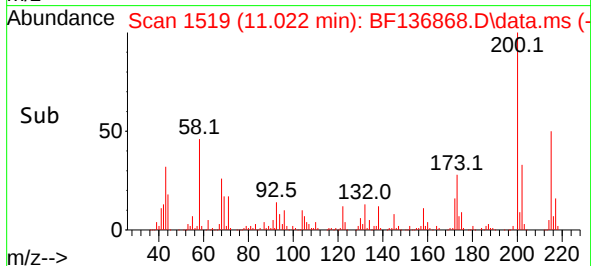
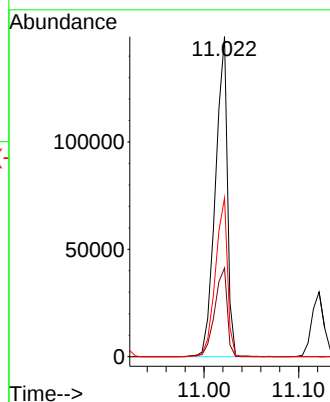
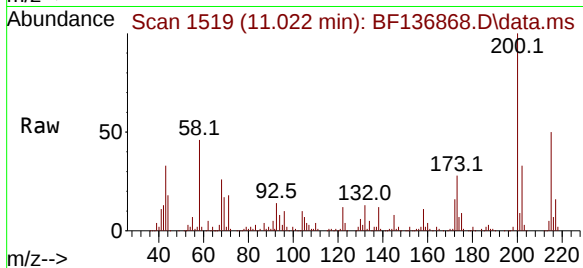
215 49.6 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#70

Pentachlorophenol

Concen: 67.175 ng

RT: 11.122 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF136868.D

Acq: 02 Jan 2024 13:25

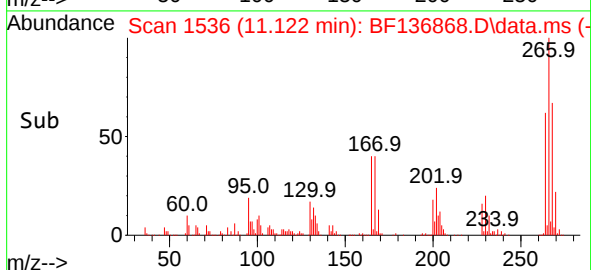
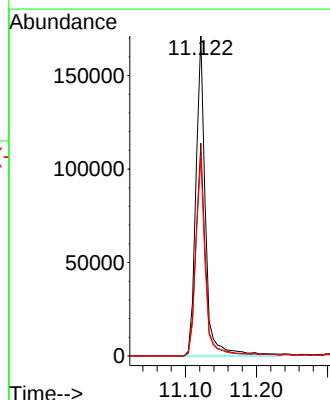
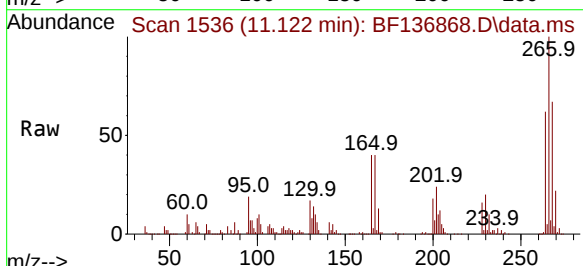
Tgt Ion:266 Resp: 161035

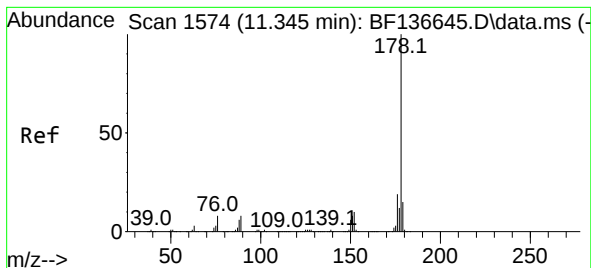
Ion Ratio Lower Upper

266 100

268 66.5 52.6 78.8

264 62.1 49.0 73.4





#71

Phenanthrene

Concen: 39.567 ng

RT: 11.339 min Scan# 1573

Delta R.T. -0.006 min

Lab File: BF136868.D

Acq: 02 Jan 2024 13:25

Instrument :

BNA_F

ClientSampleId :

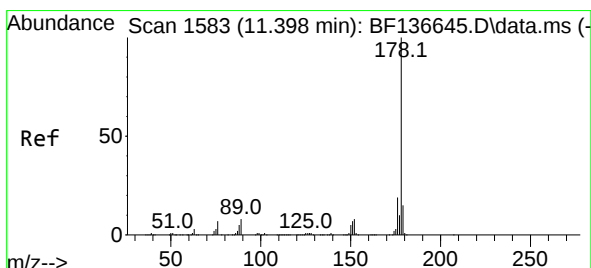
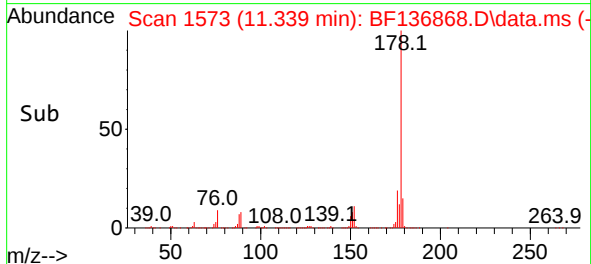
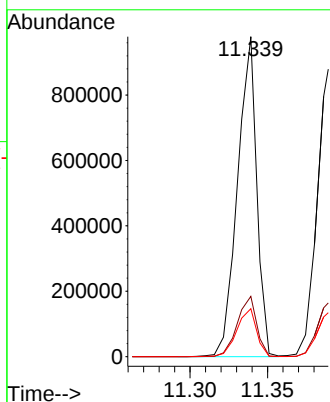
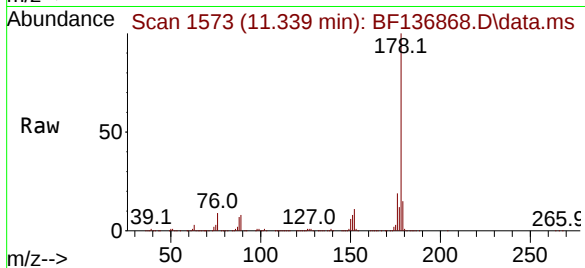
PB158057BS

Tgt Ion:178 Resp: 843650
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.3 22.9
 179 15.0 11.9 17.9

Manual Integrations

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



#72

Anthracene

Concen: 39.275 ng

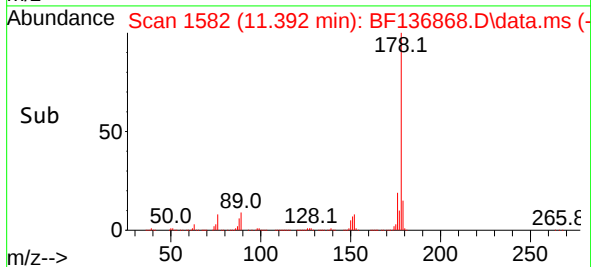
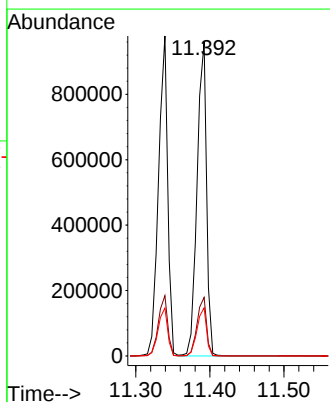
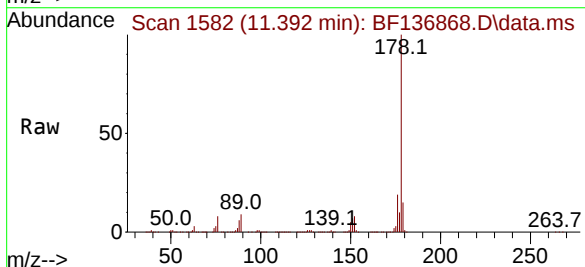
RT: 11.392 min Scan# 1582

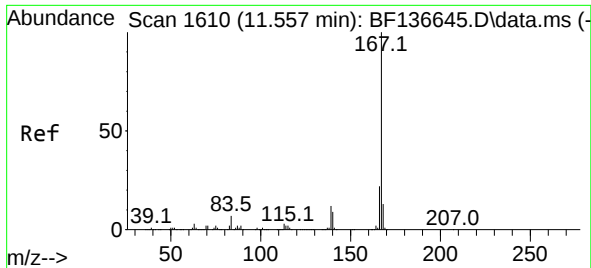
Delta R.T. -0.006 min

Lab File: BF136868.D

Acq: 02 Jan 2024 13:25

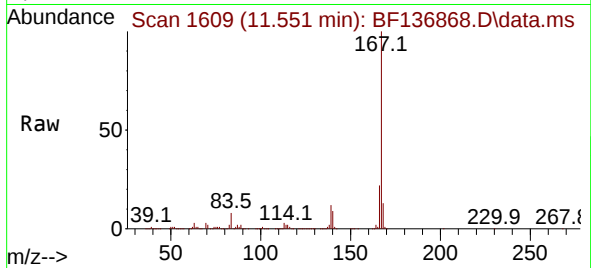
Tgt Ion:178 Resp: 848105
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.9 22.3
 179 15.4 11.8 17.6





#73
Carbazole
Concen: 38.570 ng
RT: 11.551 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

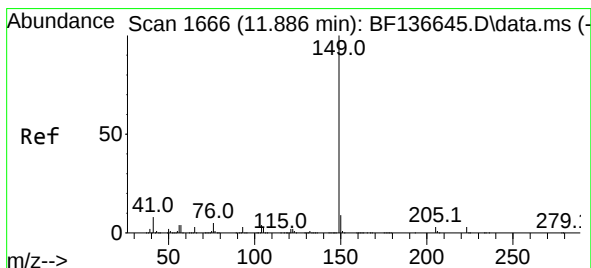
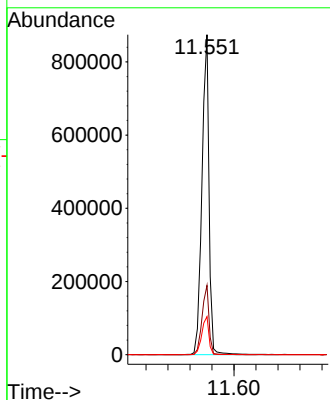
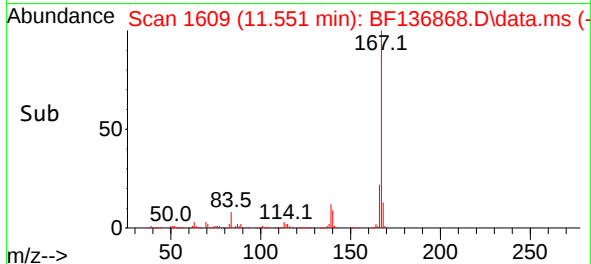
Instrument :
BNA_F
ClientSampleId :
PB158057BS



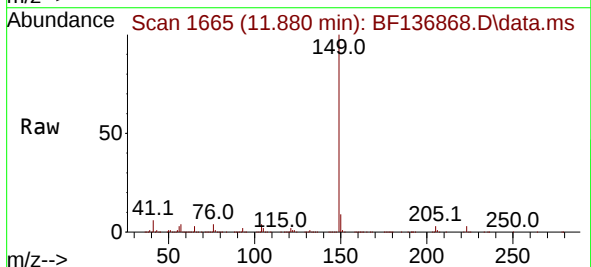
Tgt Ion:167 Resp: 785249
Ion Ratio Lower Upper
167 100
166 21.6 17.3 25.9
139 11.9 9.8 14.6

Manual Integrations
APPROVED

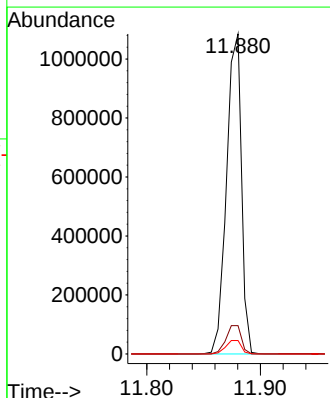
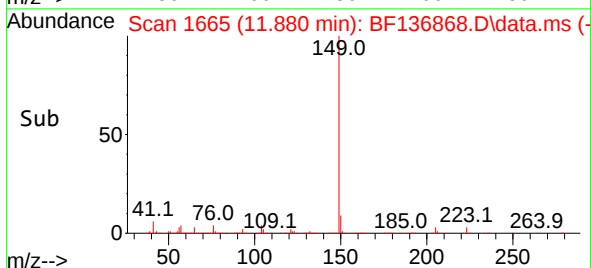
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024

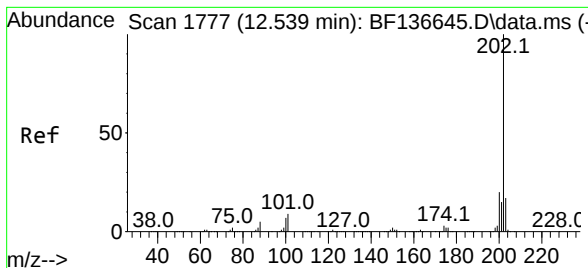


#74
Di-n-butylphthalate
Concen: 39.892 ng
RT: 11.880 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25



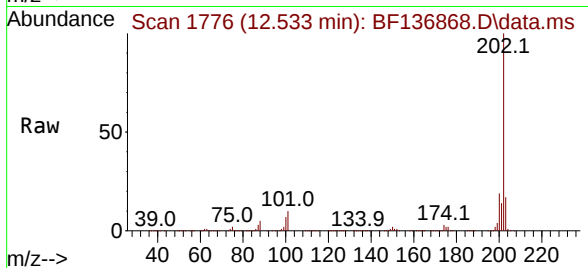
Tgt Ion:149 Resp: 991034
Ion Ratio Lower Upper
149 100
150 8.9 7.4 11.2
104 4.2 3.6 5.4





#75
Fluoranthene
Concen: 37.829 ng
RT: 12.533 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

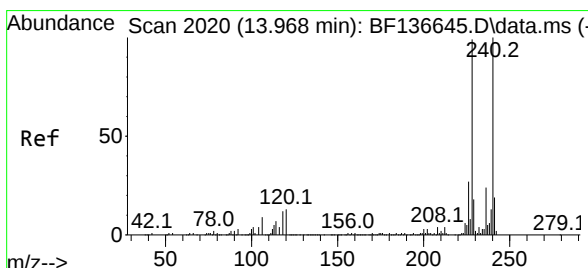
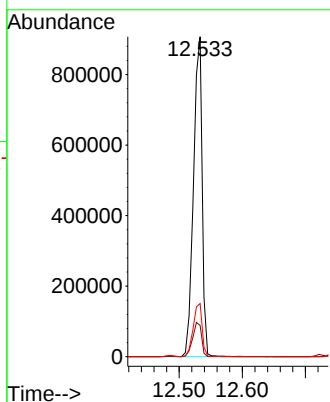
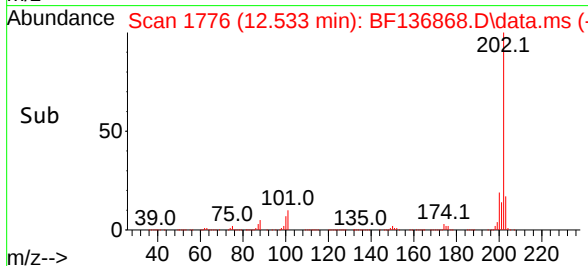
Instrument :
BNA_F
ClientSampleId :
PB158057BS



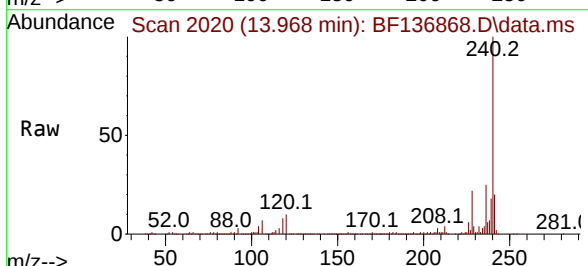
Tgt Ion:202 Resp: 862778
Ion Ratio Lower Upper
202 100
101 9.8 0.0 29.3
203 16.6 0.0 37.1

Manual Integrations
APPROVED

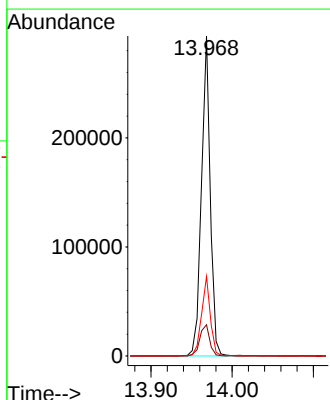
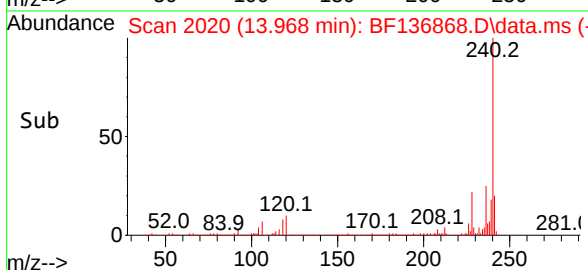
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024

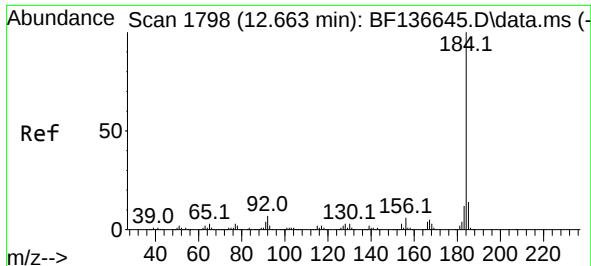


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25



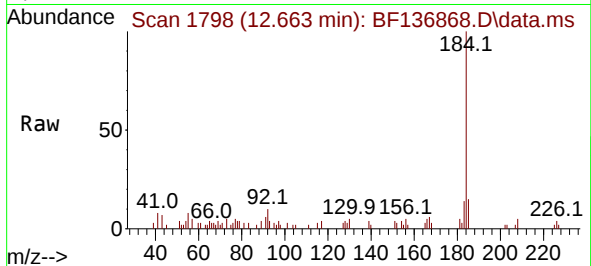
Tgt Ion:240 Resp: 221016
Ion Ratio Lower Upper
240 100
120 9.7 10.3 15.5#
236 24.9 19.4 29.2





#77
Benzidine
Concen: 2.839 ng
RT: 12.663 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

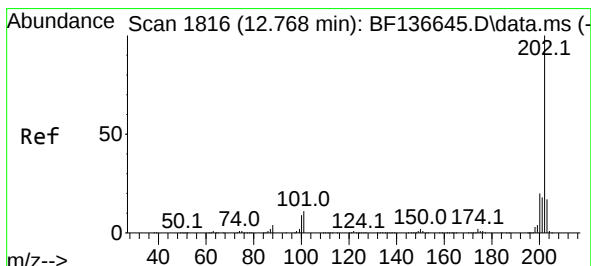
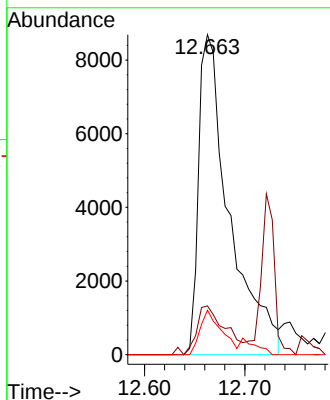
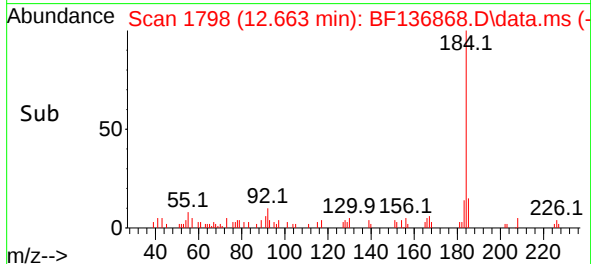
Instrument :
BNA_F
ClientSampleId :
PB158057BS



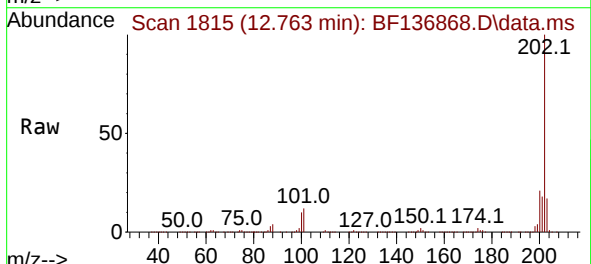
Tgt Ion:184 Resp: 1850
Ion Ratio Lower Upper
184 100
185 15.2 11.2 16.8
183 13.9 9.3 13.9

Manual Integrations
APPROVED

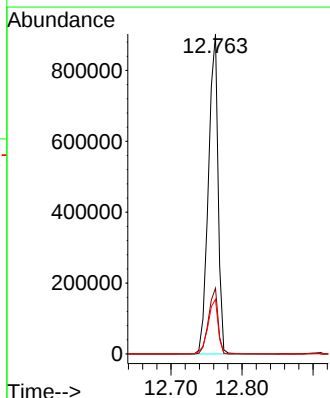
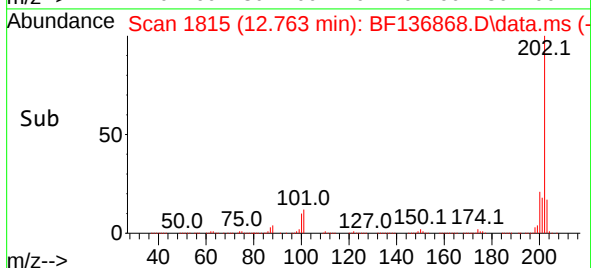
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024

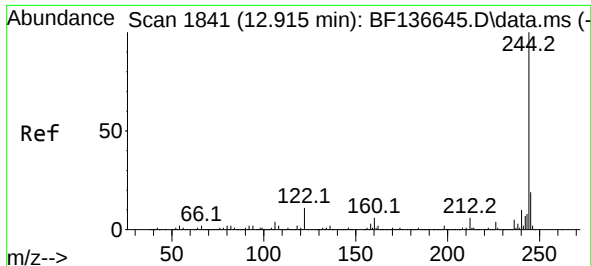


#78
Pyrene
Concen: 39.399 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25



Tgt Ion:202 Resp: 854821
Ion Ratio Lower Upper
202 100
200 20.5 15.9 23.9
203 17.0 13.8 20.6





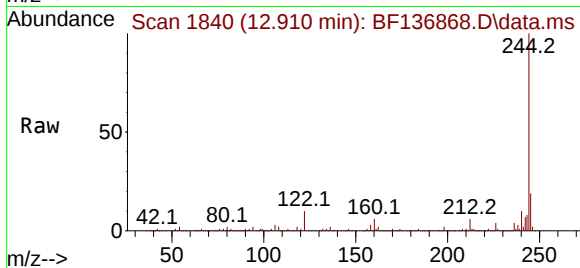
#79
Terphenyl-d14
Concen: 75.418 ng
RT: 12.910 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Instrument :

BNA_F

ClientSampleId :

PB158057BS



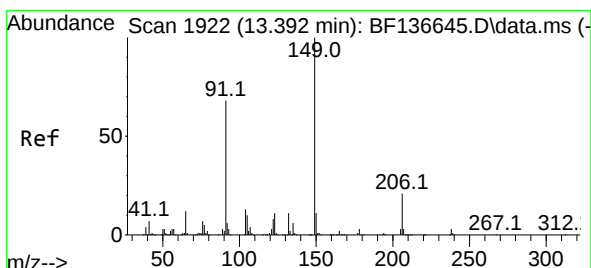
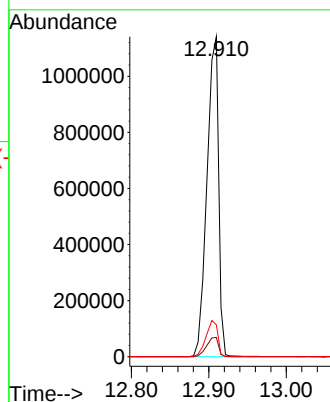
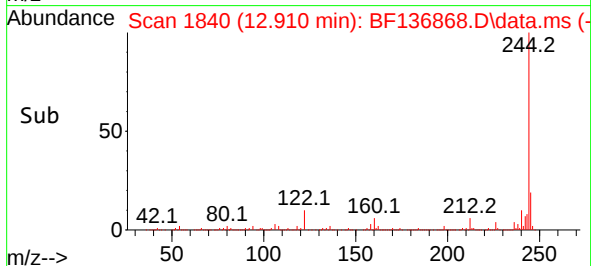
Tgt Ion:244 Resp: 1192775
Ion Ratio Lower Upper
244 100
212 6.0 5.0 7.4
122 10.0 9.0 13.4

Manual Integrations

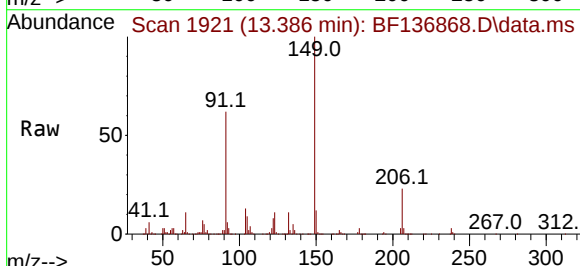
APPROVED

Reviewed By :Yogesh Patel 01/03/2024

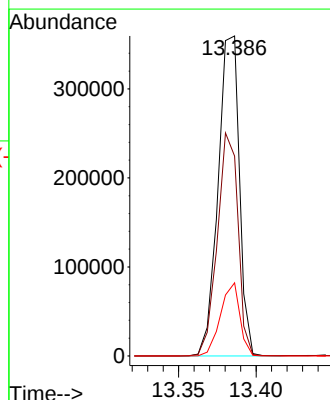
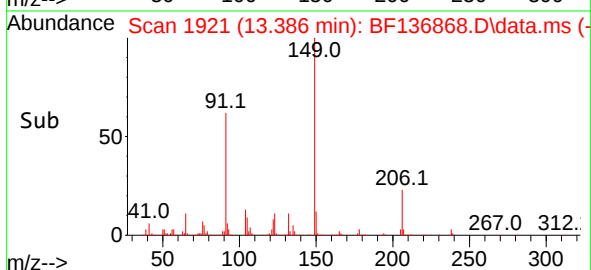
Supervised By :mohammad ahmed 01/03/2024

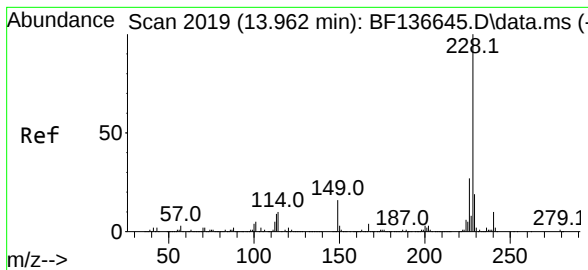


#80
Butylbenzylphthalate
Concen: 43.573 ng
RT: 13.386 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25



Tgt Ion:149 Resp: 343994
Ion Ratio Lower Upper
149 100
91 62.4 54.1 81.1
206 22.8 17.1 25.7





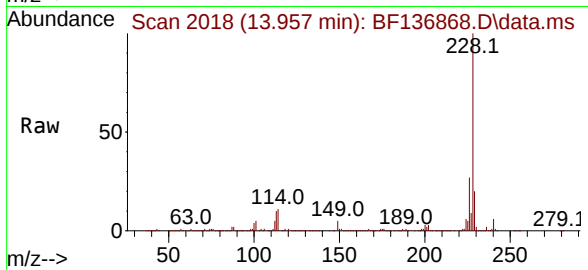
#81
Benzo(a)anthracene
Concen: 40.053 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Instrument :

BNA_F

ClientSampleId :

PB158057BS



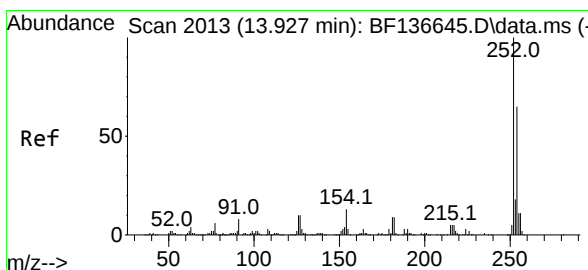
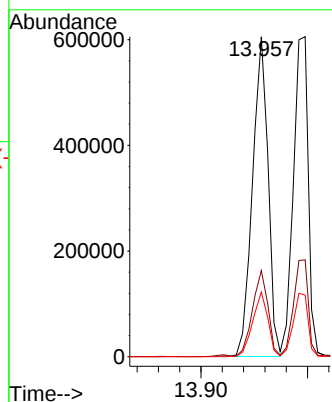
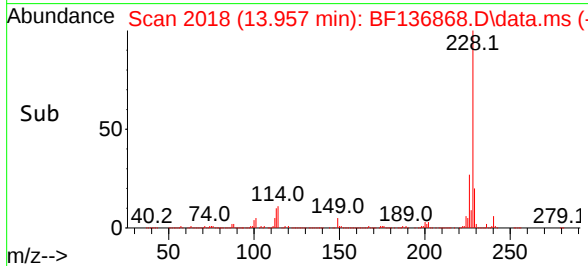
Tgt Ion:228 Resp: 61469
Ion Ratio Lower Upper
228 100
226 26.9 21.4 32.0
229 20.2 14.9 22.3

Manual Integrations

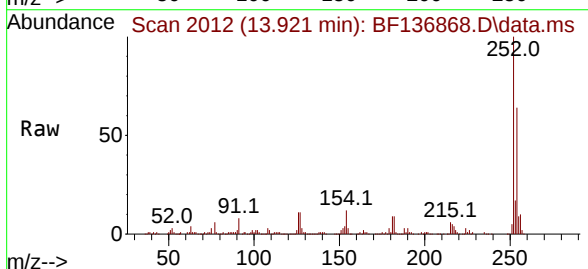
APPROVED

Reviewed By :Yogesh Patel 01/03/2024

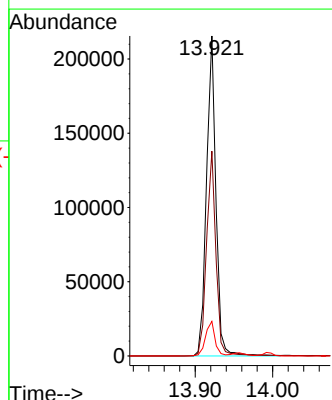
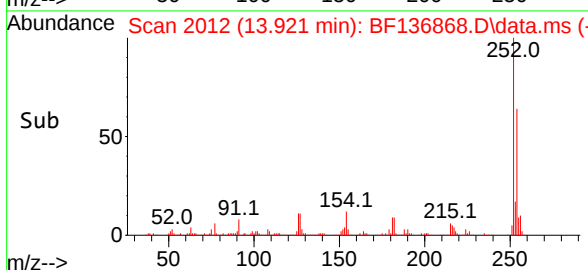
Supervised By :mohammad ahmed 01/03/2024

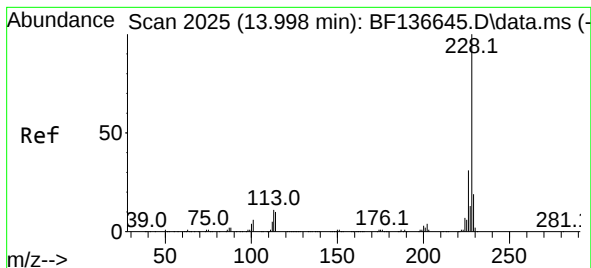


#82
3,3'-Dichlorobenzidine
Concen: 41.814 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25



Tgt Ion:252 Resp: 182242
Ion Ratio Lower Upper
252 100
254 64.0 52.2 78.4
126 10.8 8.0 12.0





#83

Chrysene

Concen: 39.218 ng

RT: 13.998 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF136868.D

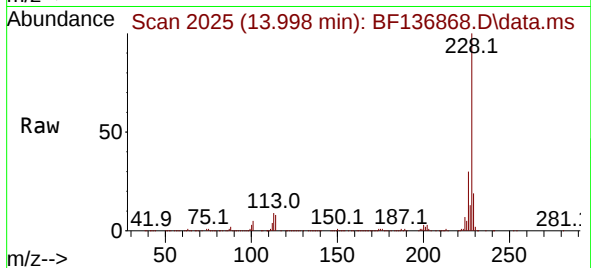
Acq: 02 Jan 2024 13:25

Instrument :

BNA_F

ClientSampleId :

PB158057BS



Tgt Ion:228 Resp: 588579

Ion Ratio Lower Upper

228 100

226 30.3 24.7 37.1

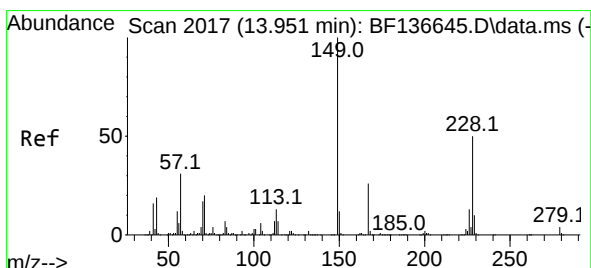
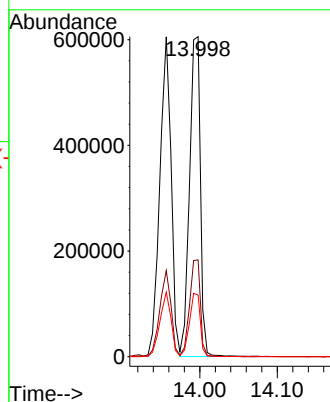
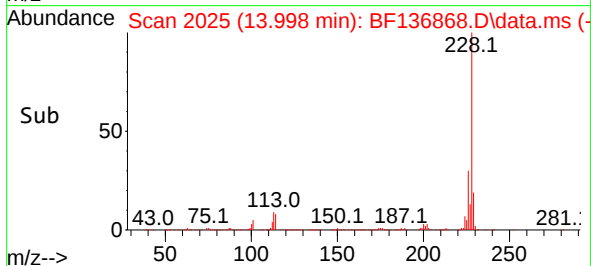
229 19.3 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.129 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136868.D

Acq: 02 Jan 2024 13:25

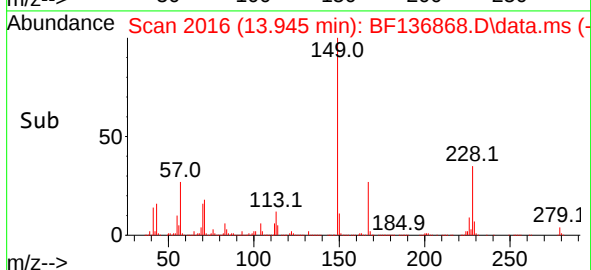
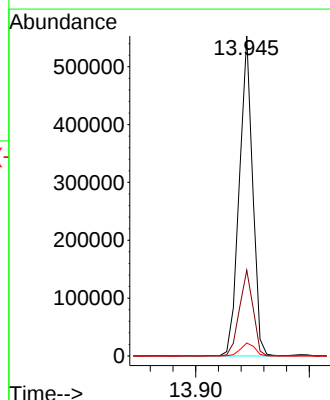
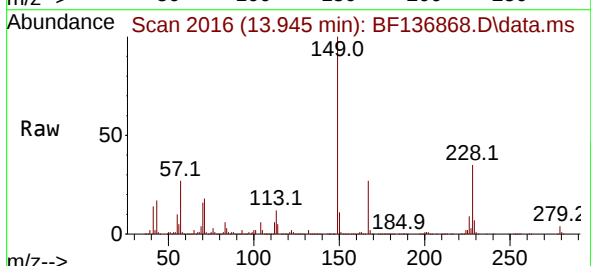
Tgt Ion:149 Resp: 448267

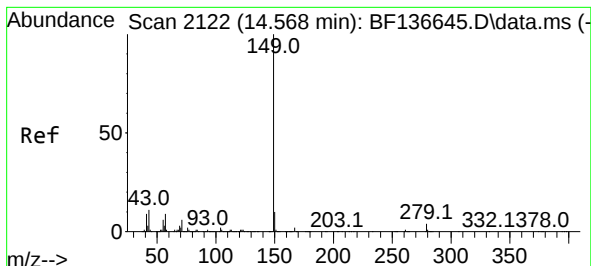
Ion Ratio Lower Upper

149 100

167 26.8 20.9 31.3

279 4.0 2.9 4.3





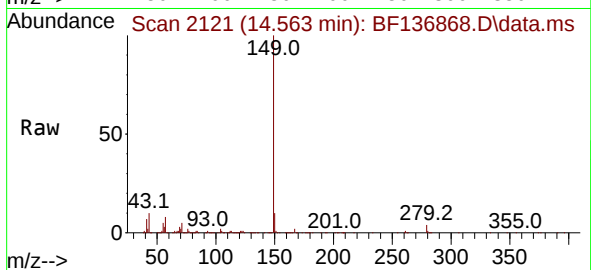
#85
Di-n-octyl phthalate
Concen: 46.600 ng
RT: 14.563 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Instrument :

BNA_F

ClientSampleId :

PB158057BS

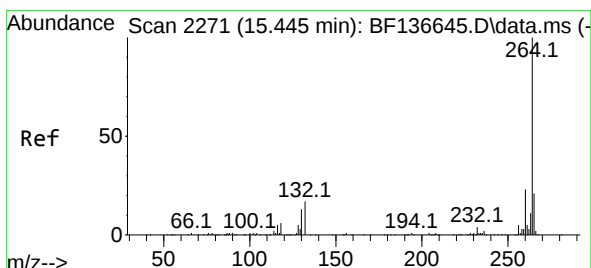
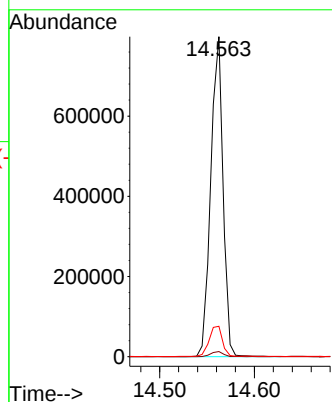
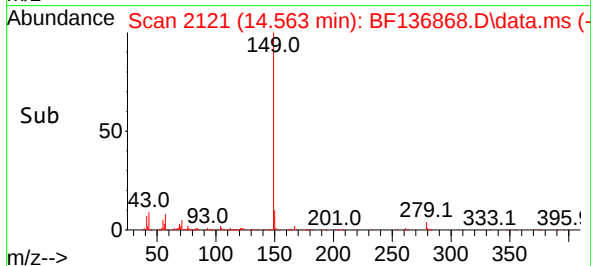


Tgt Ion:149 Resp: 716011
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.4 8.9 13.3

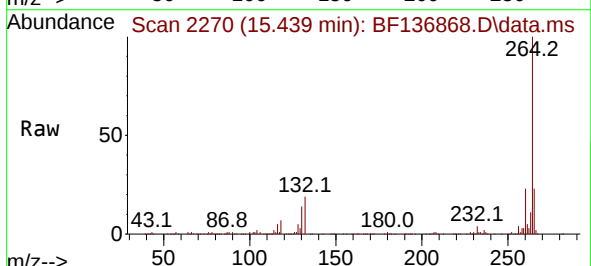
Manual Integrations

APPROVED

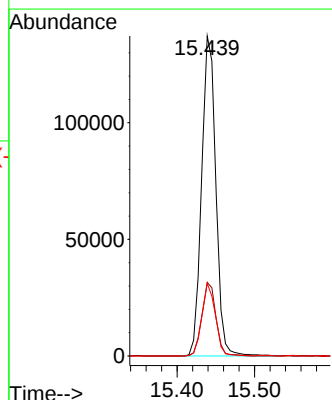
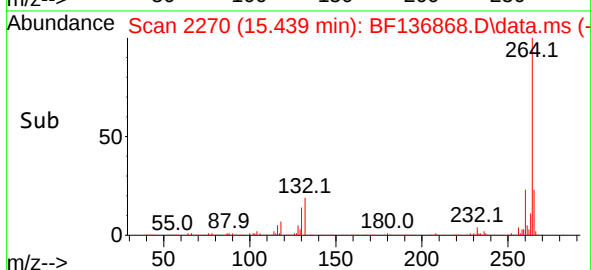
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024

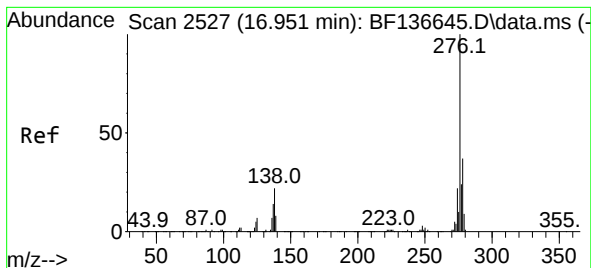


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2270
Delta R.T. -0.006 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25



Tgt Ion:264 Resp: 174830
Ion Ratio Lower Upper
264 100
260 23.0 18.3 27.5
265 22.7 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.651 ng

RT: 16.956 min Scan# 2197

Delta R.T. 0.006 min

Lab File: BF136868.D

Acq: 02 Jan 2024 13:25

Instrument :

BNA_F

ClientSampleId :

PB158057BS

Tgt Ion:276 Resp: 61412

Ion Ratio Lower Upper

276 100

138 23.5 18.7 28.1

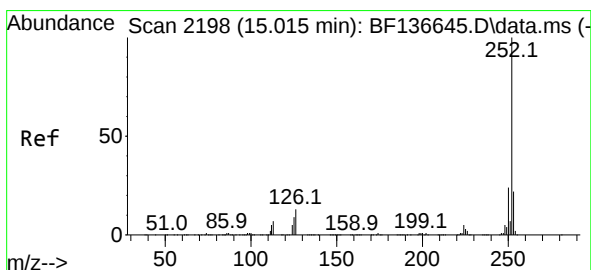
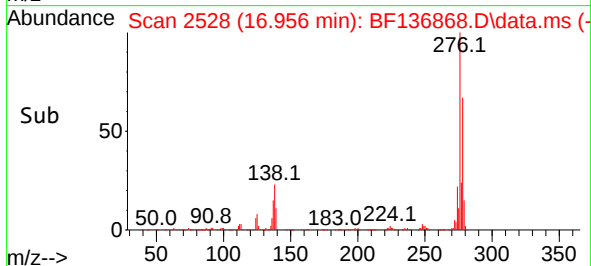
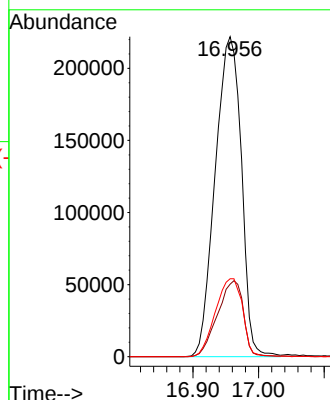
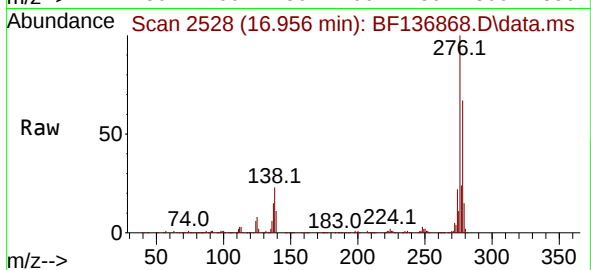
277 25.3 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#88

Benzo(b)fluoranthene

Concen: 48.809 ng

RT: 15.010 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF136868.D

Acq: 02 Jan 2024 13:25

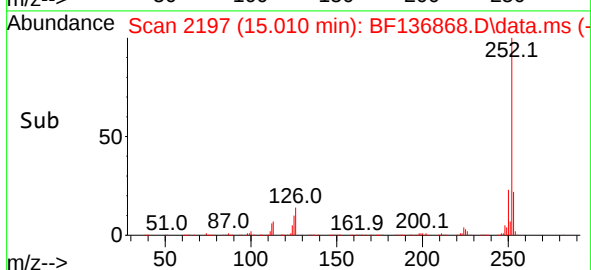
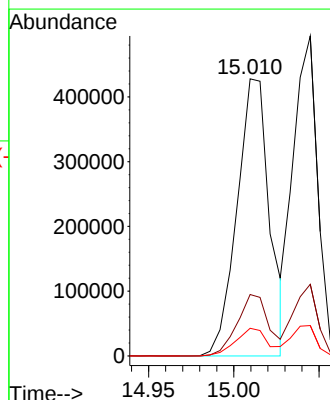
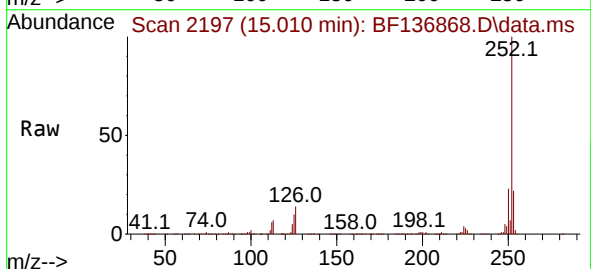
Tgt Ion:252 Resp: 569943

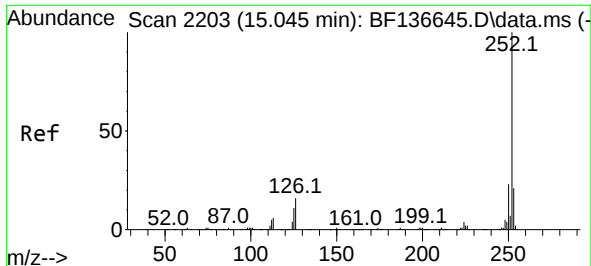
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 10.0 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 45.191 ng

RT: 15.045 min Scan# 2203

Delta R.T. 0.000 min

Lab File: BF136868.D

Acq: 02 Jan 2024 13:25

Instrument :

BNA_F

ClientSampleId :

PB158057BS

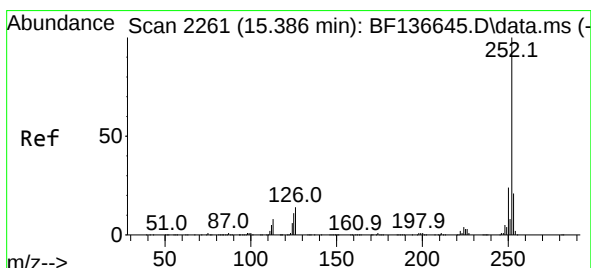
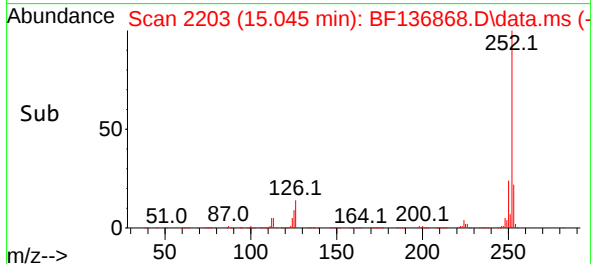
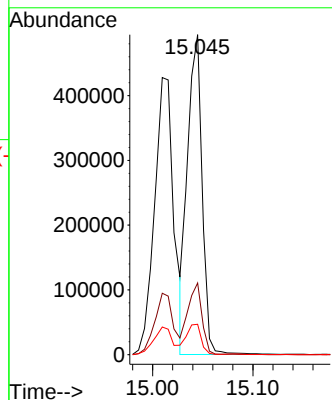
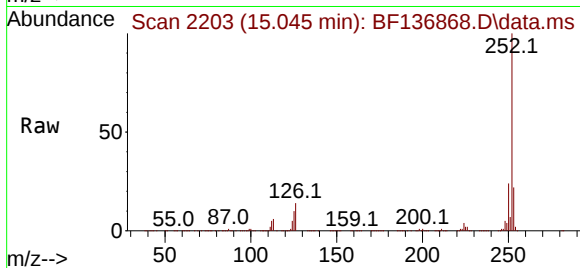
Tgt Ion:252 Resp: 498629
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.0 25.6
 125 9.5 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#90

Benzo(a)pyrene

Concen: 46.508 ng

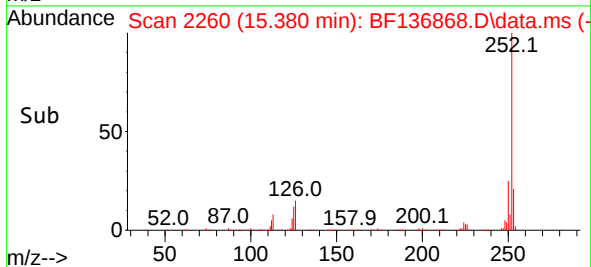
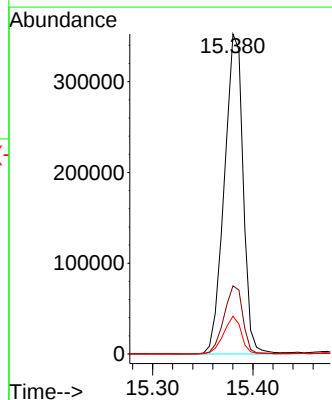
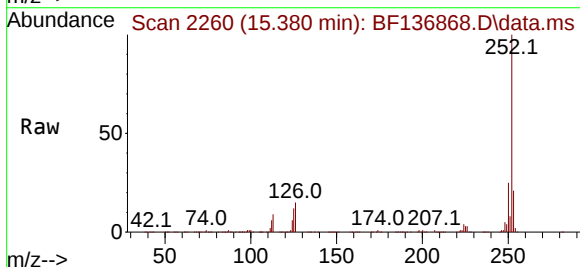
RT: 15.380 min Scan# 2260

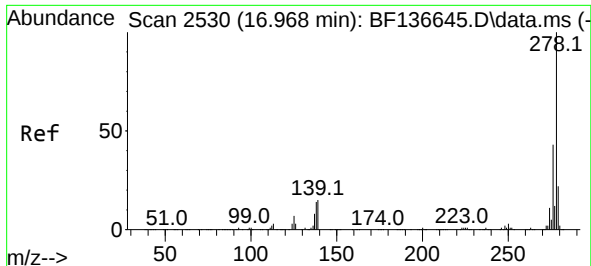
Delta R.T. -0.006 min

Lab File: BF136868.D

Acq: 02 Jan 2024 13:25

Tgt Ion:252 Resp: 458409
 Ion Ratio Lower Upper
 252 100
 253 21.3 17.0 25.6
 125 11.8 8.8 13.2





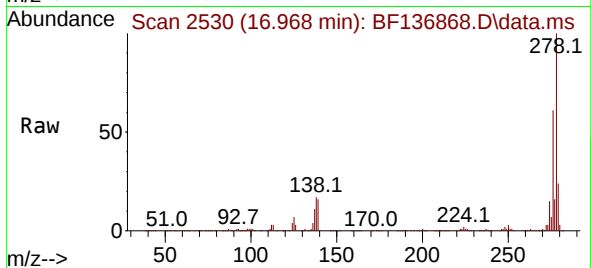
#91
Dibenzo(a,h)anthracene
Concen: 49.902 ng
RT: 16.968 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Instrument :

BNA_F

ClientSampleId :

PB158057BS



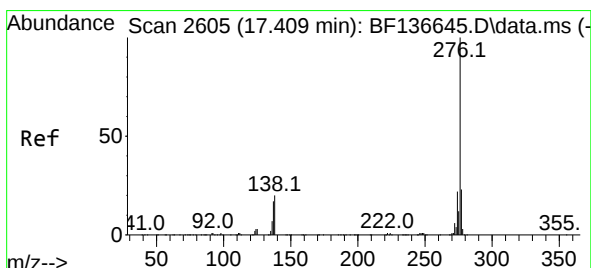
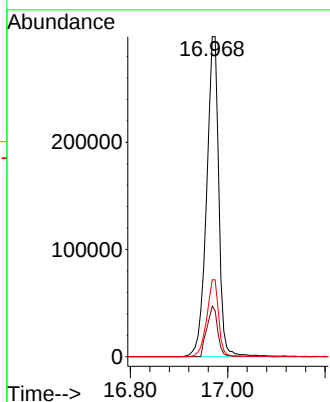
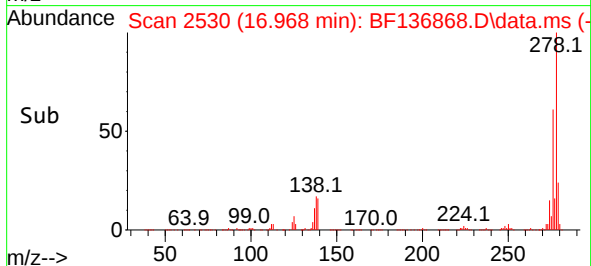
Tgt Ion:278 Resp: 51678
Ion Ratio Lower Upper
278 100
139 15.7 12.2 18.4
279 24.0 17.8 26.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#92
Benzo(g,h,i)perylene
Concen: 48.078 ng
RT: 17.409 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF136868.D
Acq: 02 Jan 2024 13:25

Tgt Ion:276 Resp: 509943
Ion Ratio Lower Upper
276 100
277 23.5 18.3 27.5
138 19.6 15.6 23.4

