

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
 Data File : BF136867.D
 Acq On : 02 Jan 2024 12:54
 Operator : CG\JU
 Sample : PB158147BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158147BS

Manual Integrations
 APPROVED

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

Quant Time: Jan 02 13:26:24 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	108703	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	436688	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	213242	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	398351	20.000	ng	0.00
76) Chrysene-d12	13.969	240	212413	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	174669	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	822735	118.093	ng	0.01
7) Phenol-d6	6.440	99	1013240	112.241	ng	0.00
23) Nitrobenzene-d5	7.351	82	624785	73.212	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	278287	110.810	ng	0.00
45) 2-Fluorobiphenyl	9.140	172	1164580	73.454	ng	-0.01
79) Terphenyl-d14	12.910	244	1144445	75.293	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	87565	30.166	ng	95
3) Pyridine	3.434	79	203165	28.685	ng	96
4) n-Nitrosodimethylamine	3.393	42	146298	38.681	ng	99
6) Aniline	6.451	93	217984	24.152	ng	# 1
8) 2-Chlorophenol	6.575	128	322743	42.332	ng	95
9) Benzaldehyde	6.334	77	57522	11.202	ng	96
10) Phenol	6.451	94	373171	38.724	ng	98
11) bis(2-Chloroethyl)ether	6.528	93	302864	41.326	ng	97
12) 1,3-Dichlorobenzene	6.722	146	314162	37.773	ng	99
13) 1,4-Dichlorobenzene	6.798	146	322674	37.970	ng	98
14) 1,2-Dichlorobenzene	6.951	146	307151	38.842	ng	99
15) Benzyl Alcohol	6.934	79	263897	43.331	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	466198	38.909	ng	93
17) 2-Methylphenol	7.051	107	249197	39.455	ng	95
18) Hexachloroethane	7.287	117	117487	38.067	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	215575	39.394	ng	97
20) 3+4-Methylphenols	7.204	107	297125	37.655	ng	# 67
22) Acetophenone	7.198	105	433735	39.627	ng	95
24) Nitrobenzene	7.369	77	320523	37.494	ng	99
25) Isophorone	7.604	82	593022	38.190	ng	99
26) 2-Nitrophenol	7.681	139	169571	41.459	ng	96
27) 2,4-Dimethylphenol	7.728	122	248810	49.968	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	358181	37.947	ng	98
29) 2,4-Dichlorophenol	7.928	162	244663	38.165	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	275664	38.594	ng	99
31) Naphthalene	8.087	128	913401	38.074	ng	100
32) Benzoic acid	7.881	122	175815	36.492	ng	98
33) 4-Chloroaniline	8.134	127	164804	18.606	ng	98
34) Hexachlorobutadiene	8.193	225	158643	36.557	ng	97
35) Caprolactam	8.528	113	80847m	38.229	ng	
36) 4-Chloro-3-methylphenol	8.634	107	265864	36.839	ng	99
37) 2-Methylnaphthalene	8.775	142	572474	37.078	ng	99
38) 1-Methylnaphthalene	8.875	142	545251	35.996	ng	100
40) 1,2,4,5-Tetrachloroben...	8.940	216	274393	41.550	ng	100
41) Hexachlorocyclopentadiene	8.922	237	150458	71.978	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	173856	41.050	ng	98

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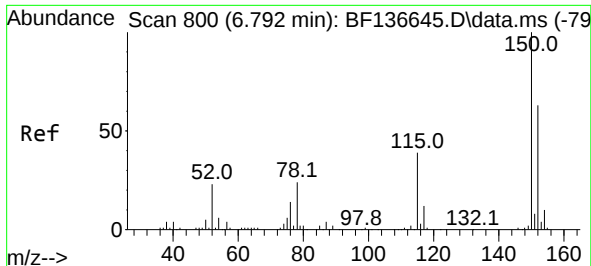
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	181516	38.460	ng	94
46) 1,1'-Biphenyl	9.245	154	704412	39.365	ng	99
47) 2-Chloronaphthalene	9.269	162	530811	39.020	ng	98
48) 2-Nitroaniline	9.369	65	170854	40.107	ng	98
49) Acenaphthylene	9.681	152	832062	40.017	ng	99
50) Dimethylphthalate	9.551	163	617178	39.624	ng	100
51) 2,6-Dinitrotoluene	9.616	165	135357	38.291	ng	98
52) Acenaphthene	9.857	154	496619	38.530	ng	99
53) 3-Nitroaniline	9.787	138	116563	31.128	ng	89
54) 2,4-Dinitrophenol	9.898	184	124223	64.182	ng	91
55) Dibenzofuran	10.028	168	741763	37.965	ng	99
56) 4-Nitrophenol	9.969	139	184462	72.973	ng	97
57) 2,4-Dinitrotoluene	10.022	165	167919	36.592	ng	94
58) Fluorene	10.369	166	595514	38.414	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	153995	42.387	ng	98
60) Diethylphthalate	10.251	149	615254	38.071	ng	98
61) 4-Chlorophenyl-phenyle...	10.363	204	280999	37.291	ng	96
62) 4-Nitroaniline	10.410	138	124978	34.621	ng	94
63) Azobenzene	10.522	77	566501	37.531	ng	99
65) 4,6-Dinitro-2-methylph...	10.434	198	88253	38.658	ng	94
66) n-Nitrosodiphenylamine	10.486	169	533069	41.195	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	175978	39.778	ng	# 91
68) Hexachlorobenzene	10.922	284	193499	39.248	ng	95
69) Atrazine	11.022	200	129686	39.183	ng	98
70) Pentachlorophenol	11.122	266	155099	67.493	ng	98
71) Phenanthrene	11.339	178	821904	40.211	ng	100
72) Anthracene	11.392	178	831298	40.160	ng	99
73) Carbazole	11.551	167	767926	39.348	ng	99
74) Di-n-butylphthalate	11.881	149	960695	40.341	ng	99
75) Fluoranthene	12.528	202	845997	38.695	ng	97
77) Benzidine	12.663	184	18527	2.958	ng	95
78) Pyrene	12.763	202	833565	39.975	ng	100
80) Butylbenzylphthalate	13.380	149	332871	43.872	ng	95
81) Benzo(a)anthracene	13.957	228	600873	40.738	ng	99
82) 3,3'-Dichlorobenzidine	13.922	252	175547	41.909	ng	100
83) Chrysene	13.992	228	576079	39.940	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	432966	45.354	ng	# 97
85) Di-n-octyl phthalate	14.563	149	699012	47.337	ng	98
87) Indeno(1,2,3-cd)pyrene	16.957	276	608756	48.271	ng	99
88) Benzo(b)fluoranthene	15.010	252	563502	48.302	ng	99
89) Benzo(k)fluoranthene	15.045	252	474173	43.014	ng	99
90) Benzo(a)pyrene	15.380	252	460482	46.761	ng	100
91) Dibenzo(a,h)anthracene	16.974	278	511727	49.460	ng	99
92) Benzo(g,h,i)perylene	17.410	276	509169	48.049	ng	99

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



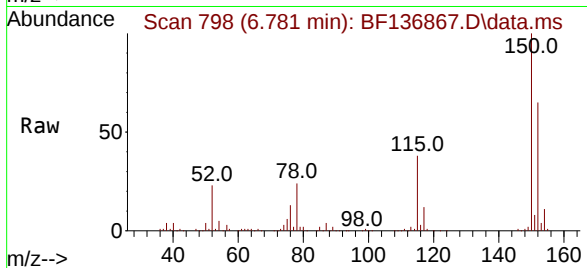
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF136867.D
 Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB158147BS

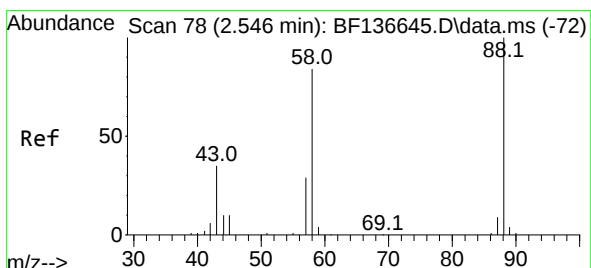
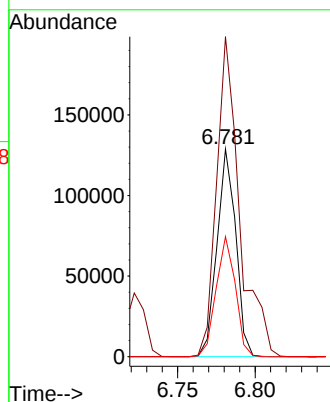
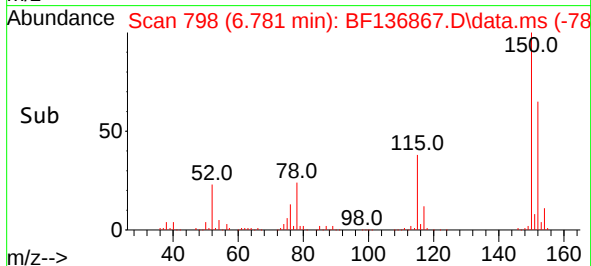


Tgt Ion:152 Resp: 10870
 Ion Ratio Lower Upper
 152 100
 150 154.0 127.0 190.6
 115 57.8 49.0 73.4

Manual Integrations

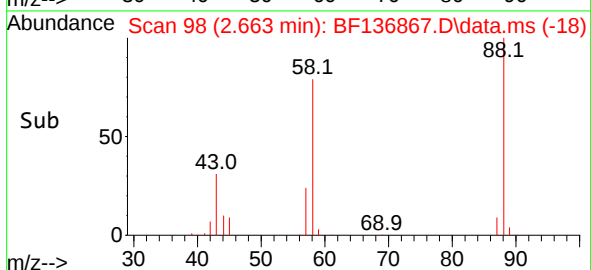
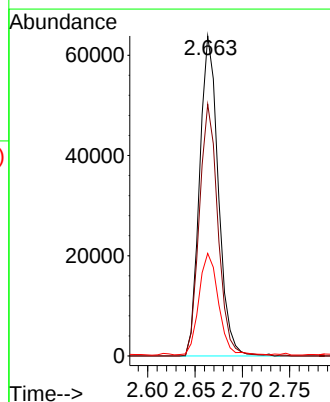
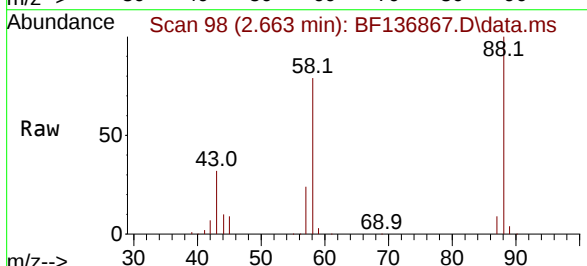
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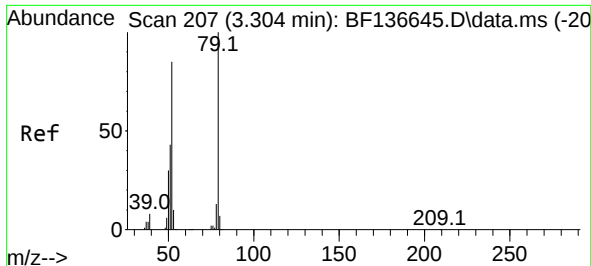
Reviewed By :Yogesh Patel 01/03/2024
 Supervised By :mohammad ahmed 01/03/2024



#2
 1,4-Dioxane
 Concen: 30.166 ng
 RT: 2.663 min Scan# 98
 Delta R.T. 0.118 min
 Lab File: BF136867.D
 Acq: 02 Jan 2024 12:54

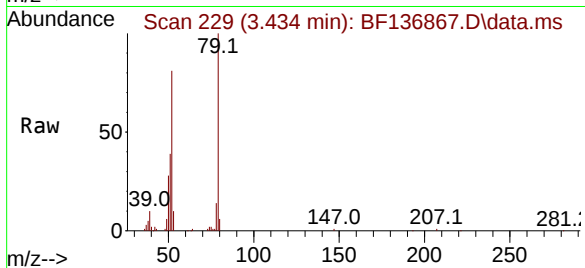
Tgt Ion: 88 Resp: 87565
 Ion Ratio Lower Upper
 88 100
 58 78.2 67.4 101.0
 43 32.9 27.7 41.5





#3
Pyridine
Concen: 28.685 ng
RT: 3.434 min Scan# 21
Delta R.T. 0.130 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

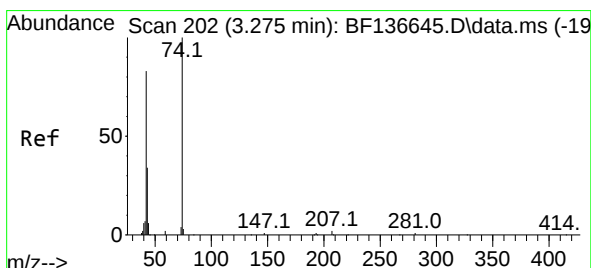
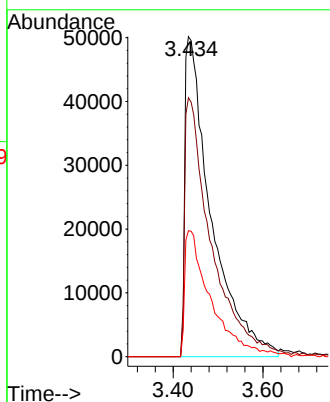
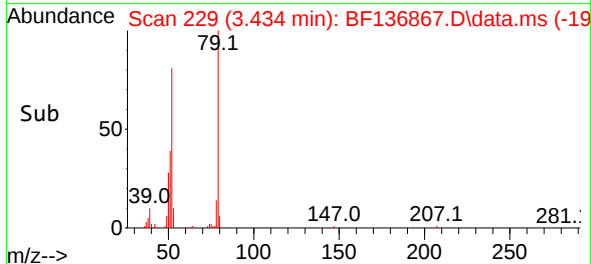
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BNA_F
ClientSampleId :
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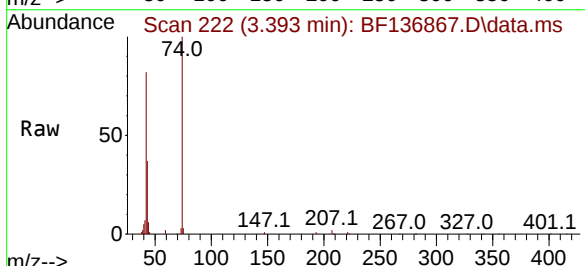
Tgt Ion: 79 Resp: 20316
Ion Ratio Lower Upper
79 100
52 80.9 67.7 101.5
51 39.4 34.0 51.0

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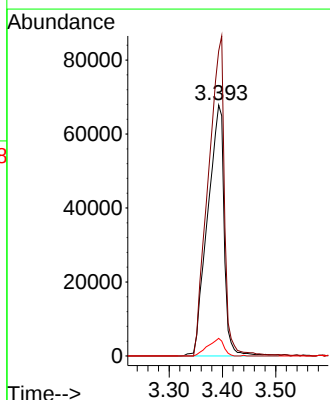
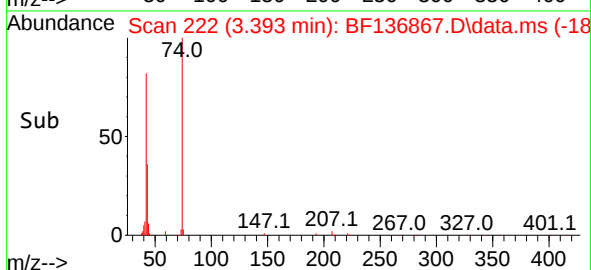
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024

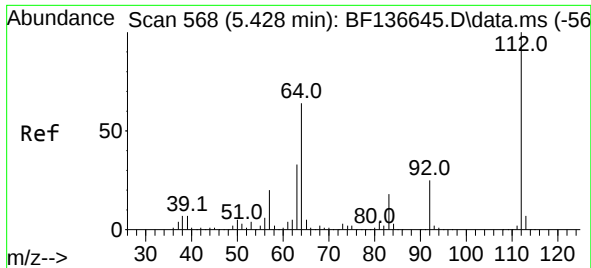


#4
n-Nitrosodimethylamine
Concen: 38.681 ng
RT: 3.393 min Scan# 222
Delta R.T. 0.118 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54



Tgt Ion: 42 Resp: 146298
Ion Ratio Lower Upper
42 100
74 121.6 96.0 144.0
44 7.0 5.4 8.2





#5
2-Fluorophenol
Concen: 118.093 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

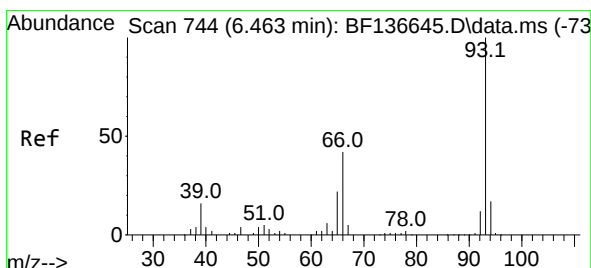
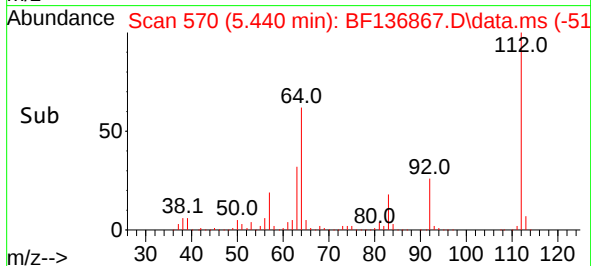
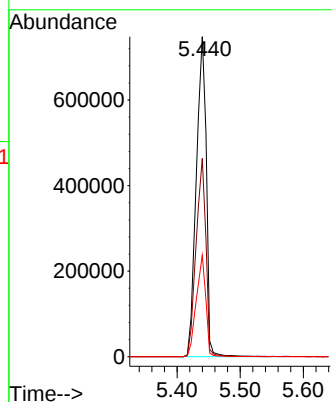
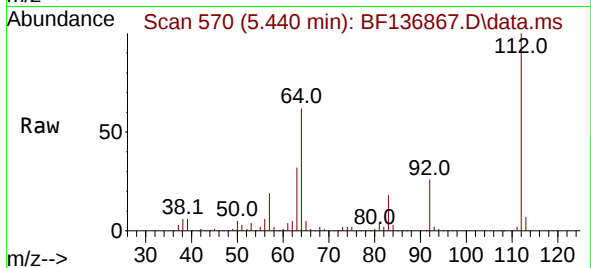
PB158147BS

Tgt Ion:112 Resp: 822735
Ion Ratio Lower Upper
112 100
64 62.0 51.1 76.7
63 31.7 26.1 39.1

Manual Integrations

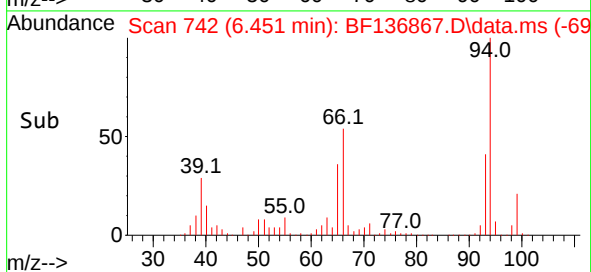
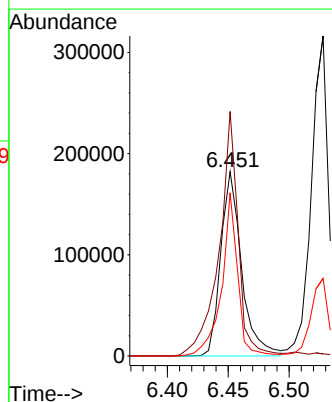
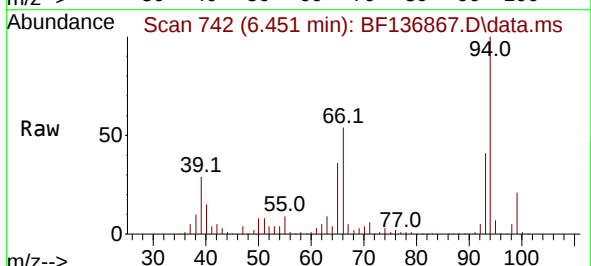
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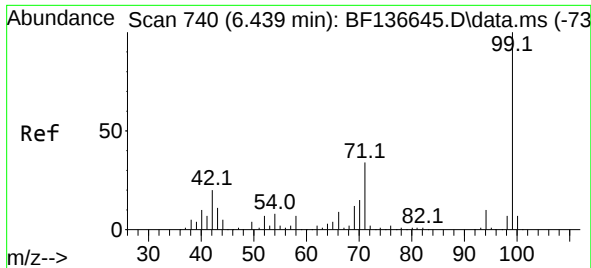
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#6
Aniline
Concen: 24.152 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.011 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

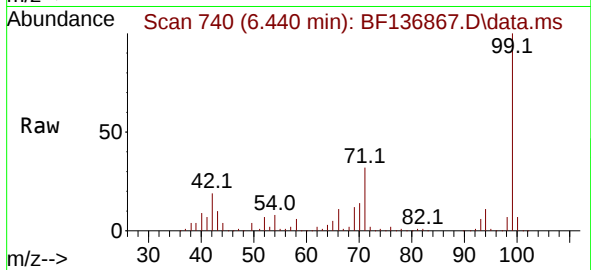
Tgt Ion: 93 Resp: 217984
Ion Ratio Lower Upper
93 100
66 132.6 34.6 51.8#
65 88.5 17.8 26.8#





#7
Phenol-d6
Concen: 112.241 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

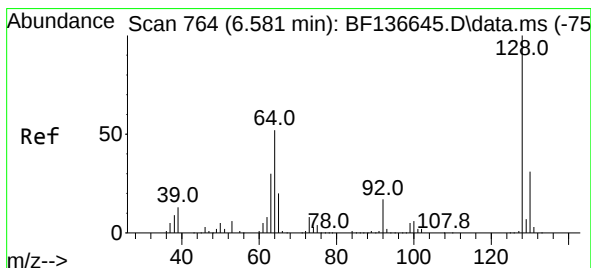
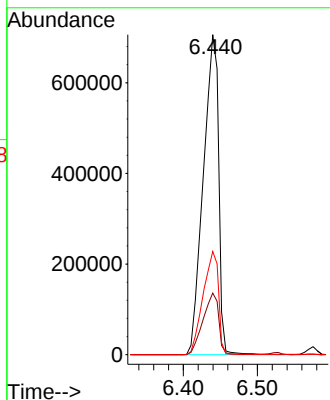
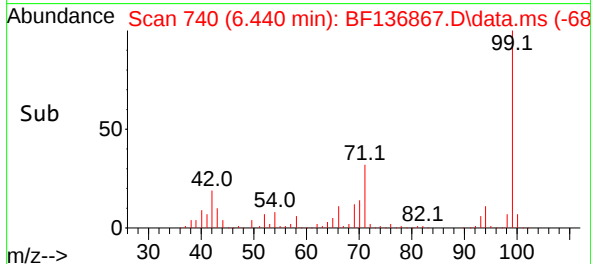
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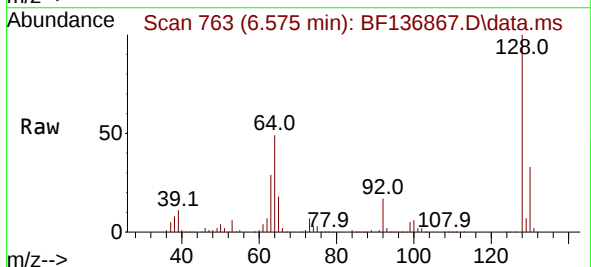
Tgt Ion: 99 Resp: 1013240
Ion Ratio Lower Upper
99 100
42 19.3 16.1 24.1
71 32.2 27.4 41.2

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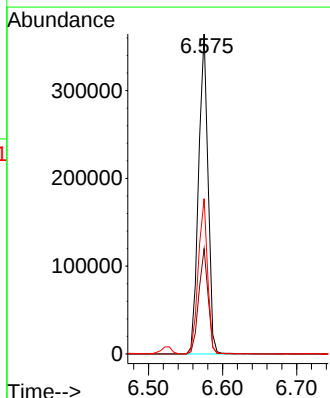
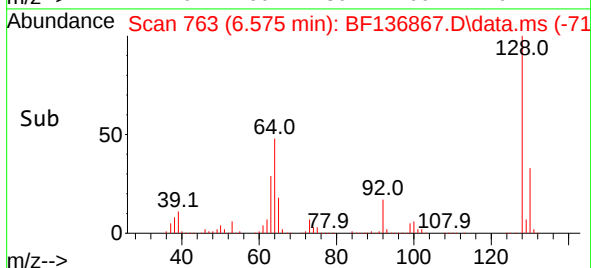
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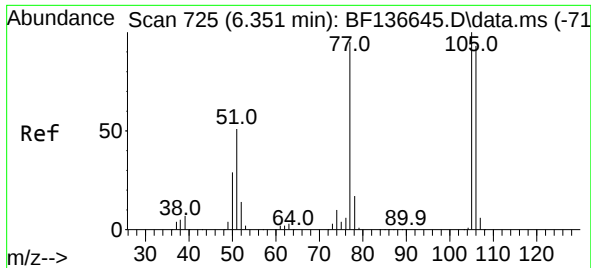


#8
2-Chlorophenol
Concen: 42.332 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54



Tgt Ion:128 Resp: 322743
Ion Ratio Lower Upper
128 100
130 32.9 11.3 51.3
64 48.6 32.5 72.5





#9
Benzaldehyde
Concen: 11.202 ng
RT: 6.334 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

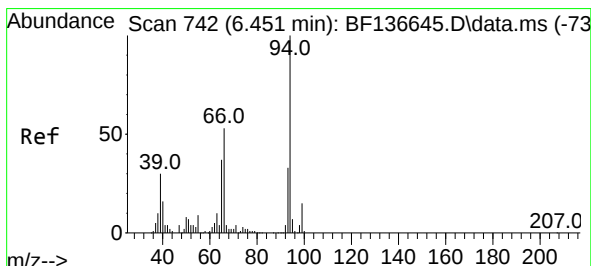
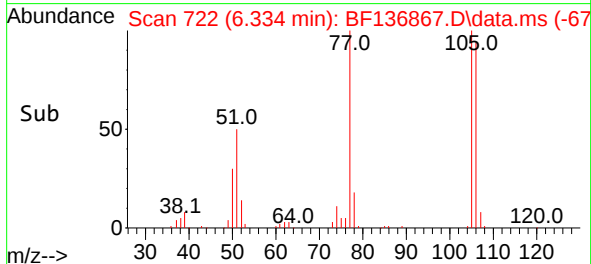
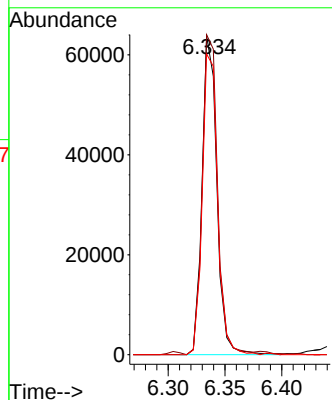
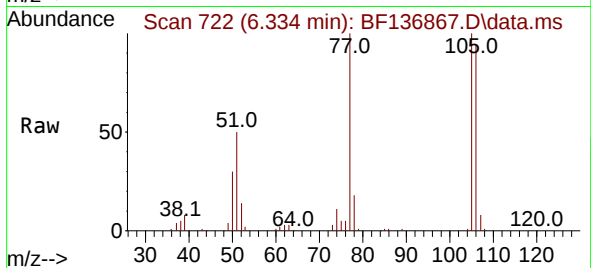
ClientSampleId :

PB158147BS

Tgt Ion: 77 Resp: 5752
Ion Ratio Lower Upper
77 100
105 100.5 84.8 124.8
106 94.4 77.8 117.8

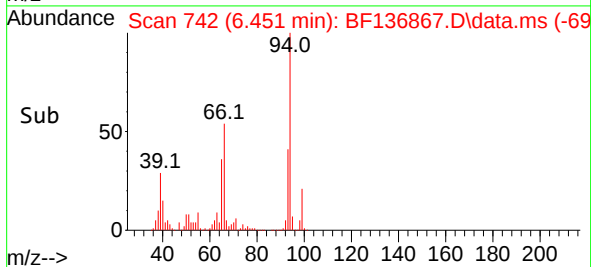
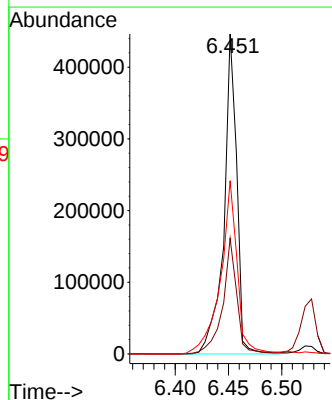
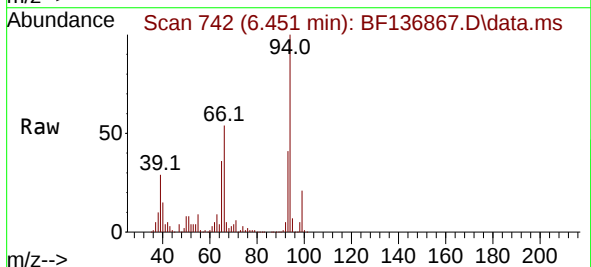
Manual Integrations
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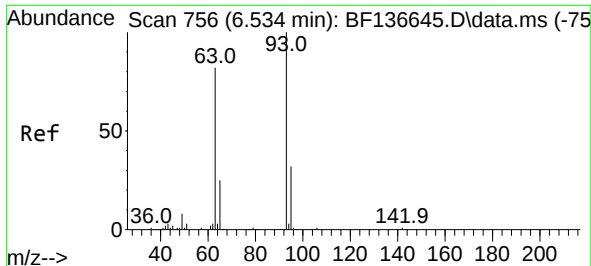
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#10
Phenol
Concen: 38.724 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Tgt Ion: 94 Resp: 373171
Ion Ratio Lower Upper
94 100
65 36.1 16.6 56.6
66 54.1 32.6 72.6





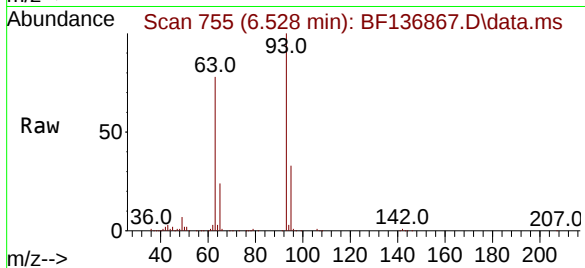
#11
bis(2-Chloroethyl)ether
Concen: 41.326 ng
RT: 6.528 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

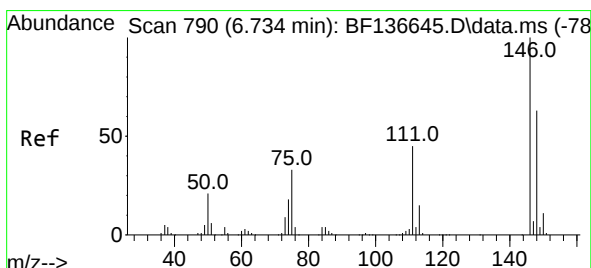
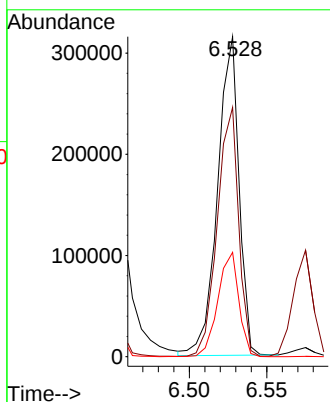
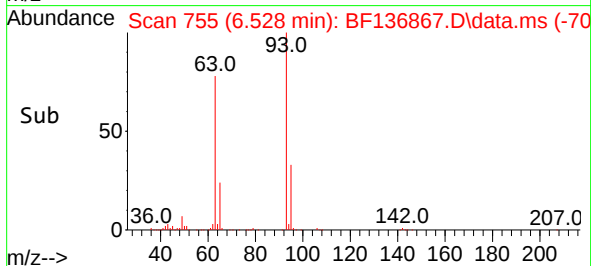
PB158147BS



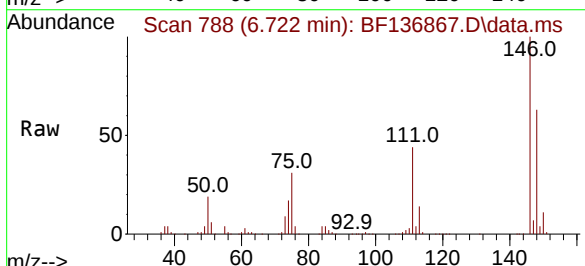
Tgt Ion: 93 Resp: 302864
Ion Ratio Lower Upper
93 100
63 77.9 61.2 101.2
95 32.6 11.6 51.6

Manual Integrations
APPROVED

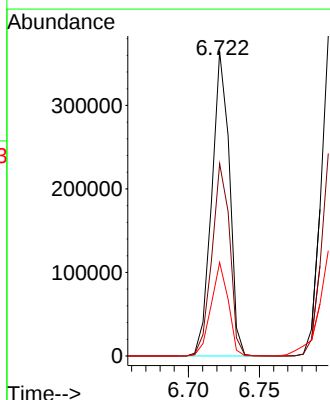
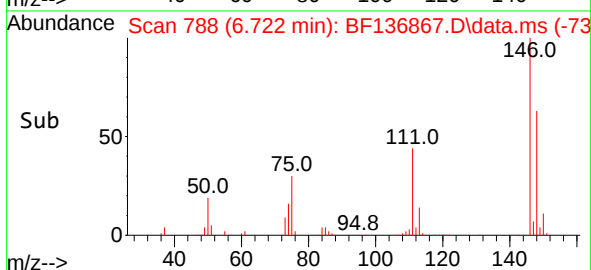
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024

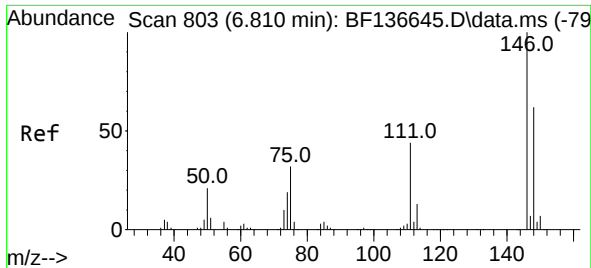


#12
1,3-Dichlorobenzene
Concen: 37.773 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.011 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54



Tgt Ion:146 Resp: 314162
Ion Ratio Lower Upper
146 100
148 63.2 50.5 75.7
75 30.7 26.2 39.4





#13
1,4-Dichlorobenzene
Concen: 37.970 ng
RT: 6.798 min Scan# 803
Delta R.T. -0.011 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

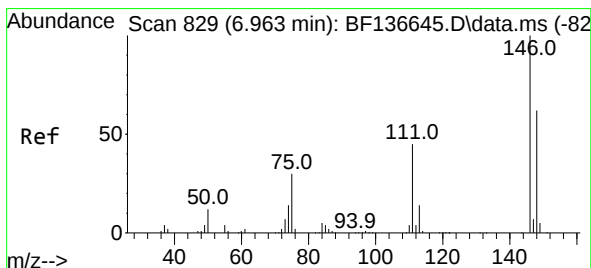
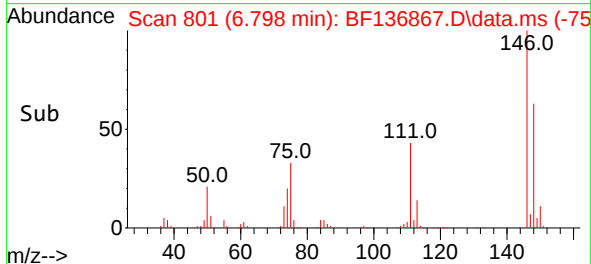
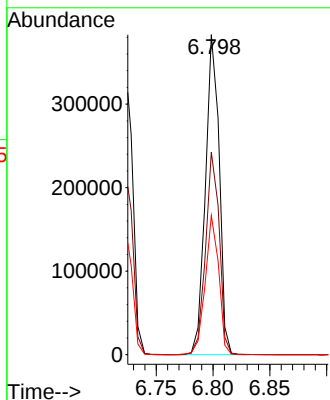
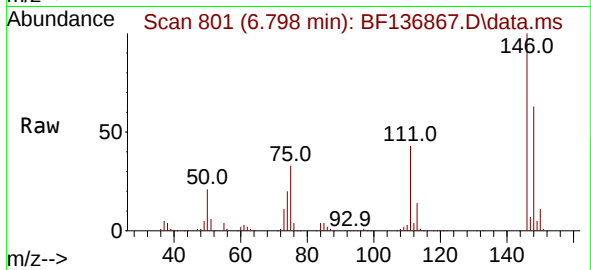
ClientSampleId :

PB158147BS

Tgt Ion:146 Resp: 322674
Ion Ratio Lower Upper
146 100
148 63.3 49.2 73.8
111 43.5 35.2 52.8

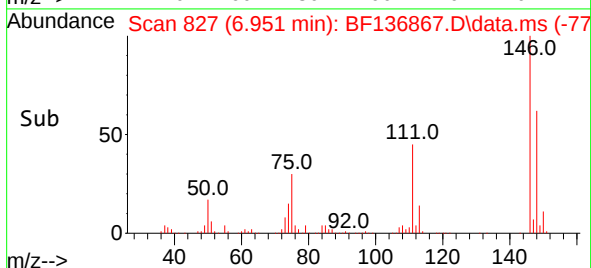
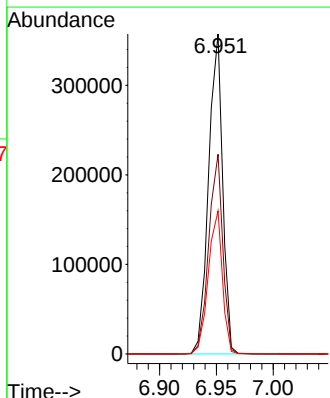
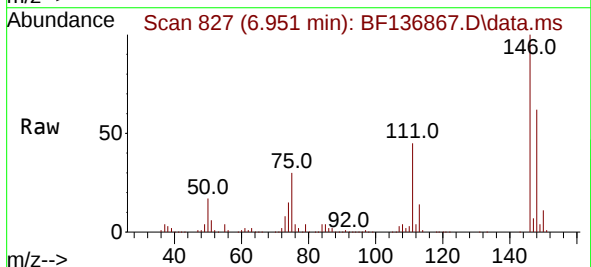
Manual Integrations
APPROVED

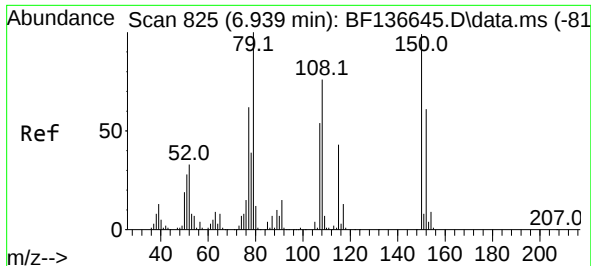
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#14
1,2-Dichlorobenzene
Concen: 38.842 ng
RT: 6.951 min Scan# 827
Delta R.T. -0.011 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

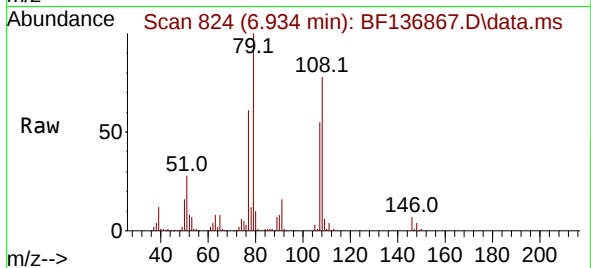
Tgt Ion:146 Resp: 307151
Ion Ratio Lower Upper
146 100
148 62.4 49.6 74.4
111 44.7 36.2 54.2





#15
Benzyl Alcohol
Concen: 43.331 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

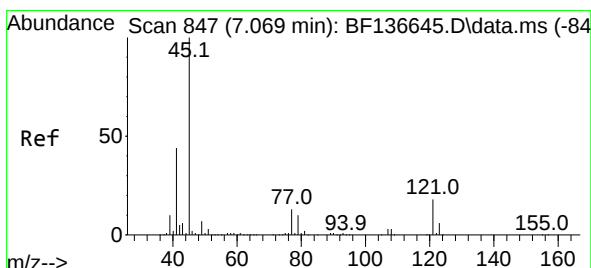
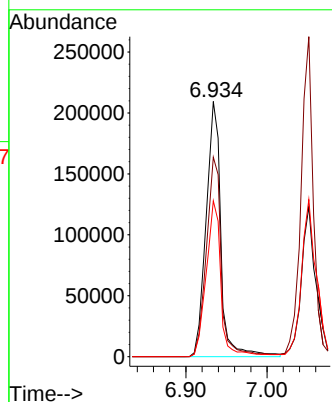
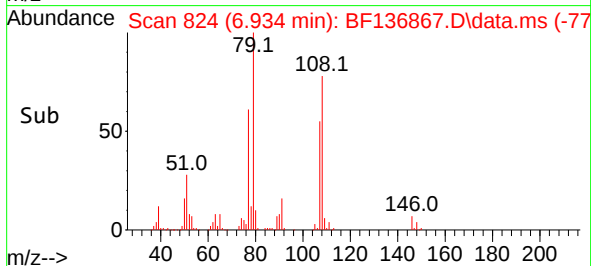
Instrument :
BNA_F
ClientSampleId :
PB158147BS



Tgt Ion: 79 Resp: 26389
Ion Ratio Lower Upper
79 100
108 78.2 61.0 91.6
77 61.1 49.8 74.8

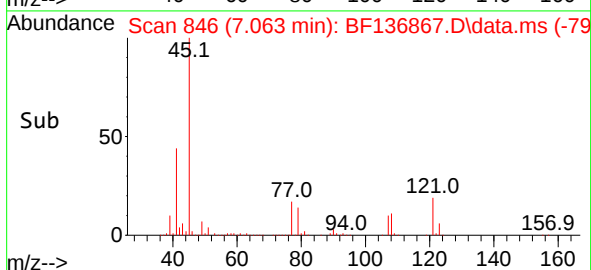
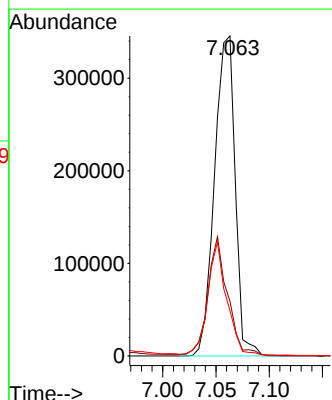
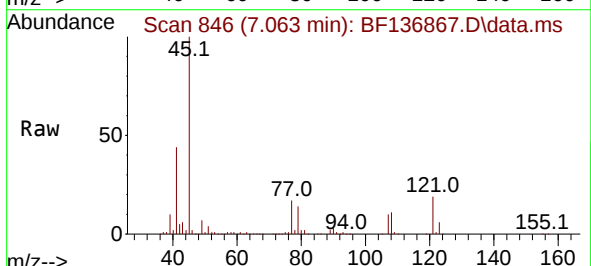
Manual Integrations
APPROVED

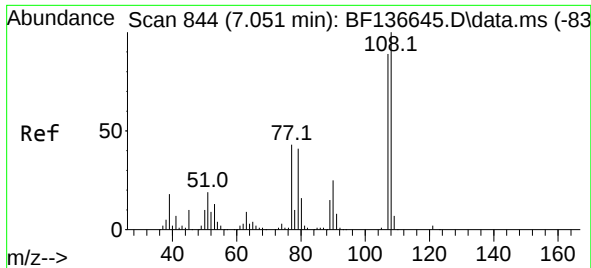
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.909 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Tgt Ion: 45 Resp: 466198
Ion Ratio Lower Upper
45 100
77 17.1 0.0 34.3
79 14.1 0.0 31.4





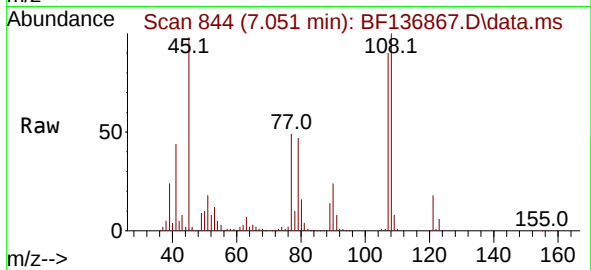
#17
2-Methylphenol
Concen: 39.455 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB158147BS



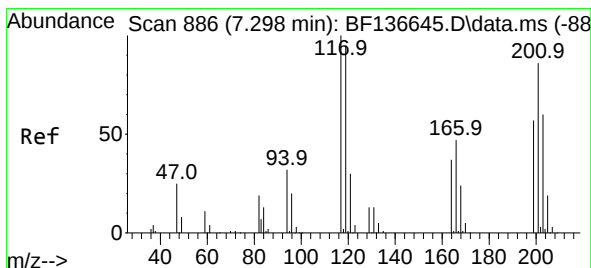
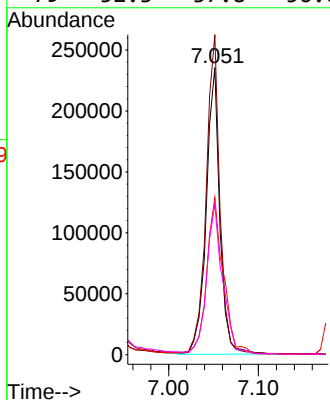
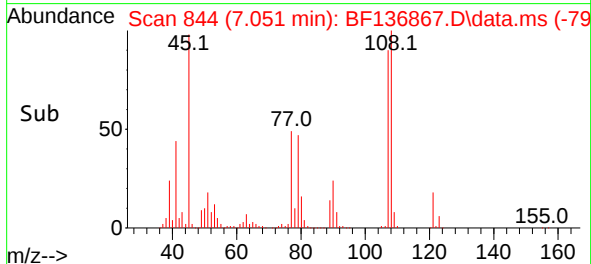
Tgt Ion:107 Resp: 249197
Ion Ratio Lower Upper
107 100
108 111.5 90.3 135.5
77 54.7 38.7 58.1
79 52.3 37.8 56.6

Manual Integrations

APPROVED

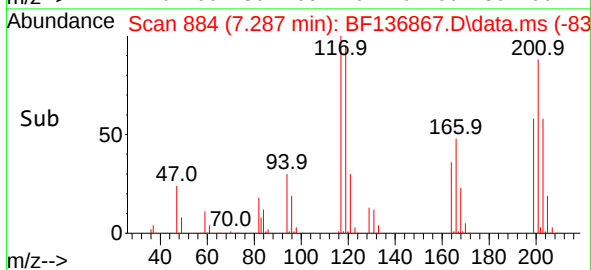
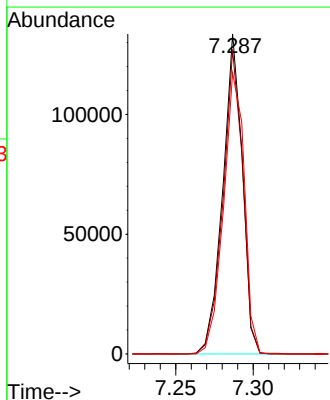
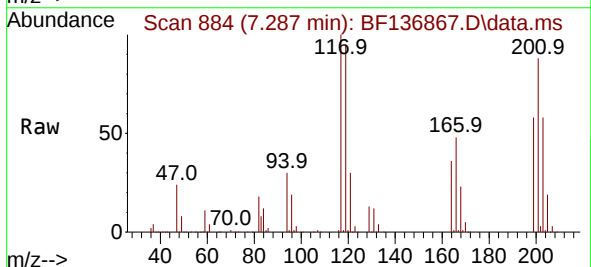
Reviewed By :Yogesh Patel 01/03/2024

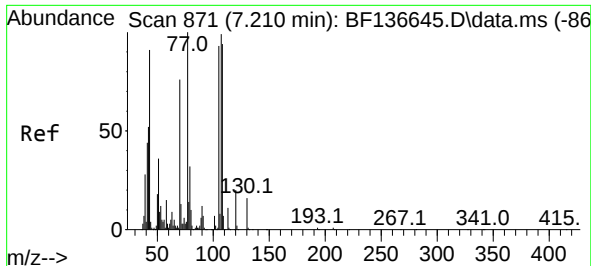
Supervised By :mohammad ahmed 01/03/2024



#18
Hexachloroethane
Concen: 38.067 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.011 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Tgt Ion:117 Resp: 117487
Ion Ratio Lower Upper
117 100
119 95.1 75.8 113.6
201 87.8 69.1 103.7





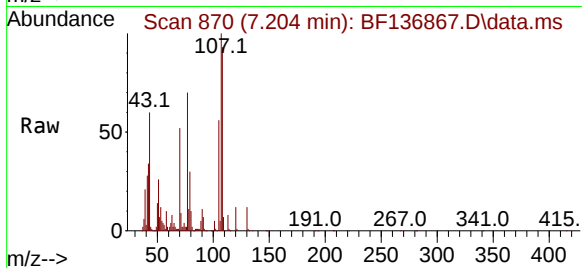
#19
n-Nitroso-di-n-propylamine
Concen: 39.394 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB158147BS

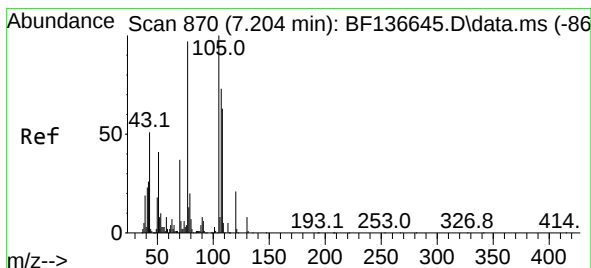
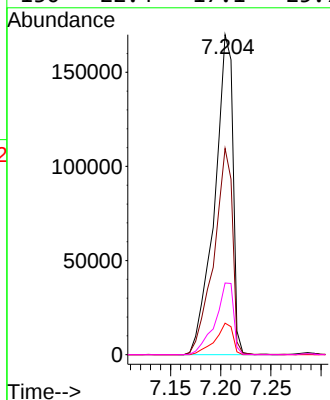
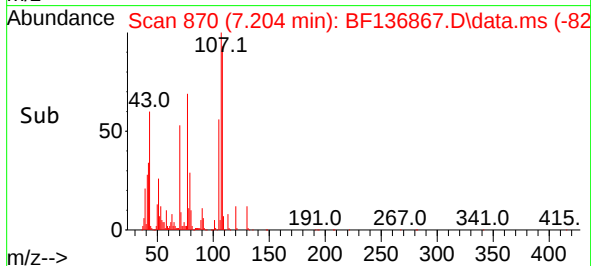


Tgt Ion: 70 Resp: 21557
Ion Ratio Lower Upper
70 100
42 64.5 54.2 81.4
101 9.9 7.6 11.4
130 22.4 17.1 25.7

Manual Integrations

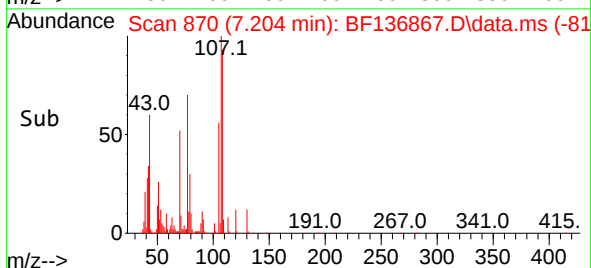
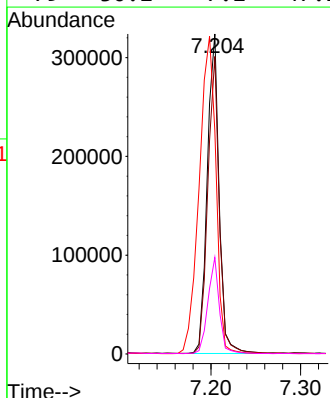
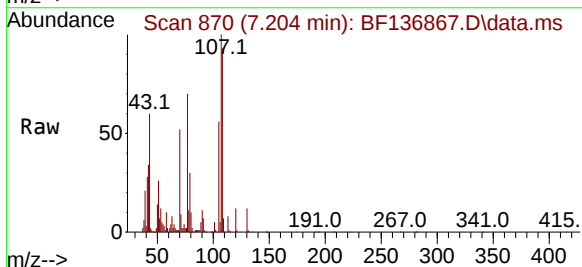
APPROVED

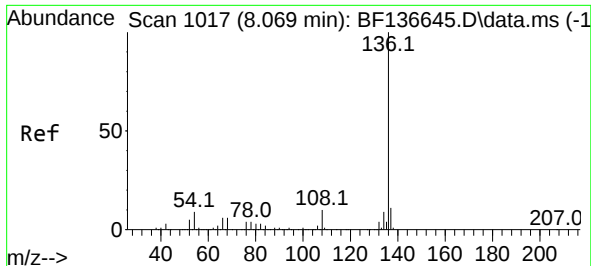
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#20
3+4-Methylphenols
Concen: 37.655 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Tgt Ion:107 Resp: 297125
Ion Ratio Lower Upper
107 100
108 93.0 66.0 106.0
77 69.8 114.2 154.2#
79 30.2 7.2 47.2





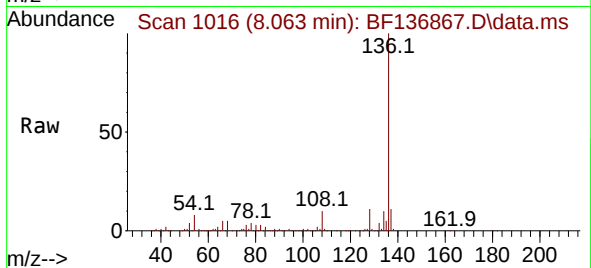
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB158147BS

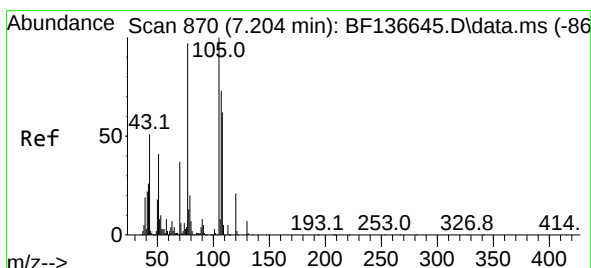
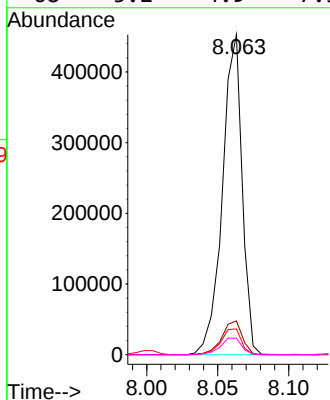
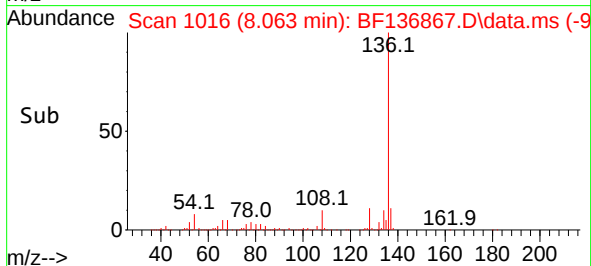


Tgt Ion:136 Resp: 436688
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 8.0 7.2 10.8
68 5.2 4.9 7.3

Manual Integrations

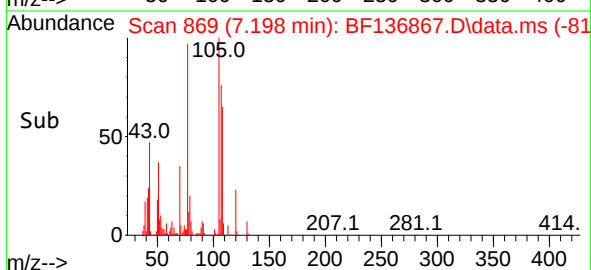
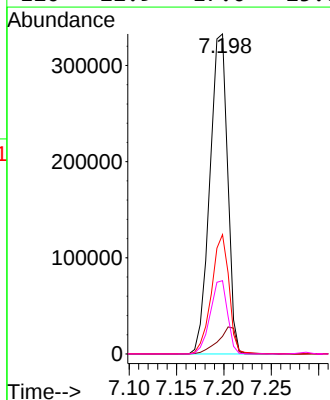
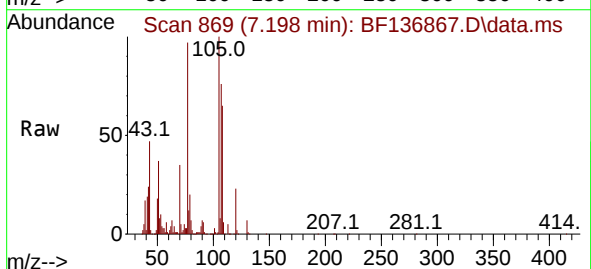
APPROVED

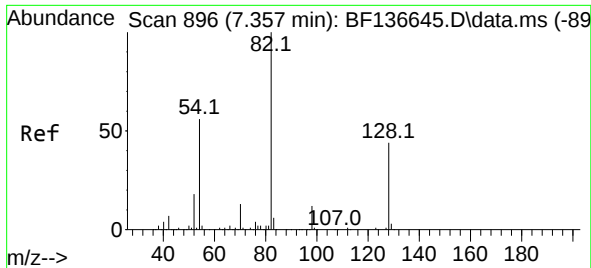
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#22
Acetophenone
Concen: 39.627 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Tgt Ion:105 Resp: 433735
Ion Ratio Lower Upper
105 100
71 5.5 4.8 7.2
51 37.3 32.8 49.2
120 22.9 17.0 25.6





#23
Nitrobenzene-d5
Concen: 73.212 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

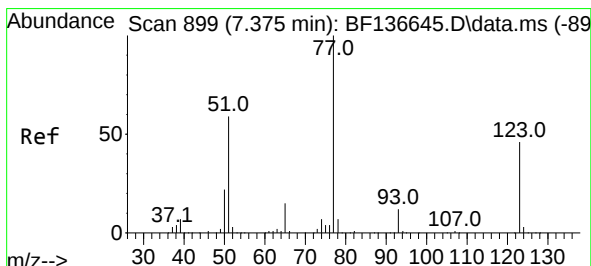
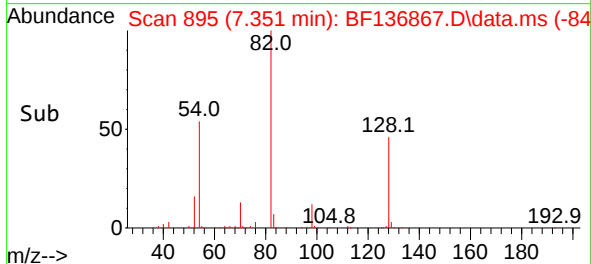
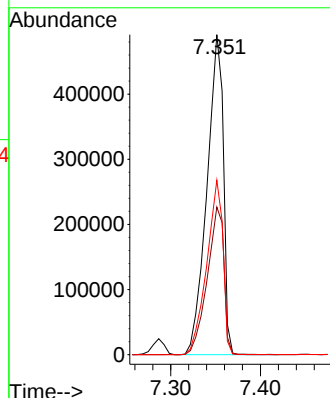
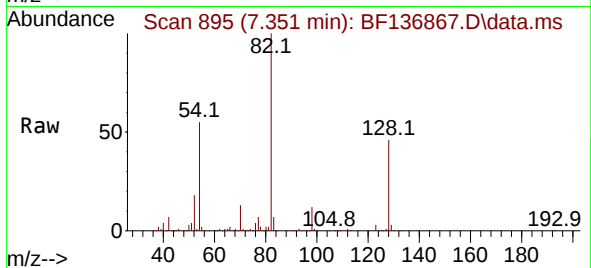
ClientSampleId :

PB158147BS

Tgt Ion: 82 Resp: 624785
Ion Ratio Lower Upper
82 100
128 46.2 35.3 52.9
54 54.5 44.5 66.7

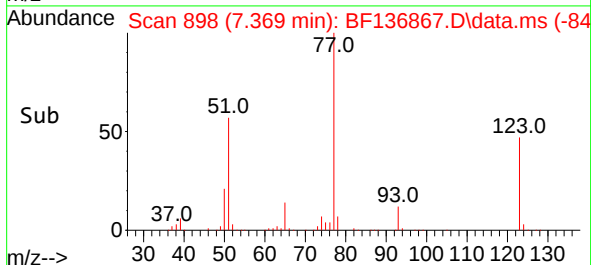
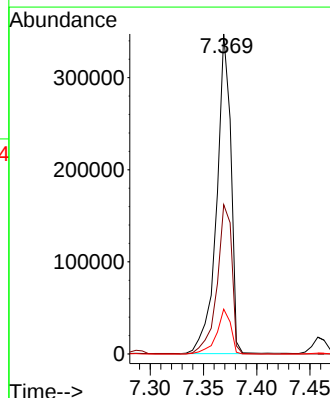
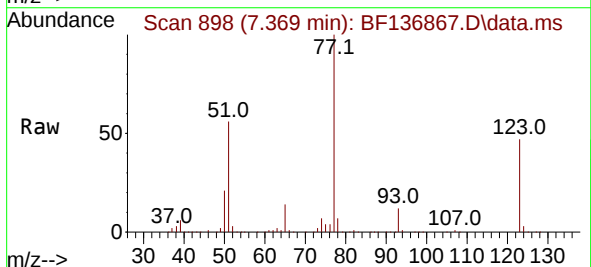
Manual Integrations
APPROVED

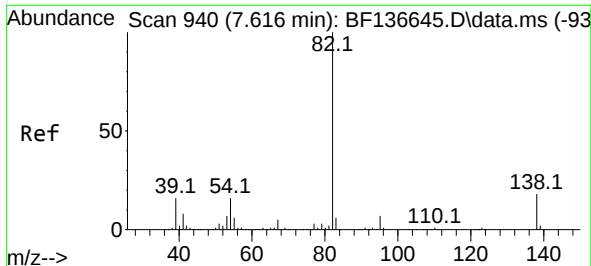
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#24
Nitrobenzene
Concen: 37.494 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

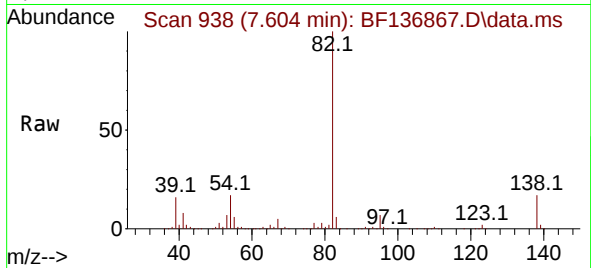
Tgt Ion: 77 Resp: 320523
Ion Ratio Lower Upper
77 100
123 46.7 36.7 55.1
65 14.0 11.8 17.6





#25
Isophorone
Concen: 38.190 ng
RT: 7.604 min Scan# 910
Delta R.T. -0.011 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

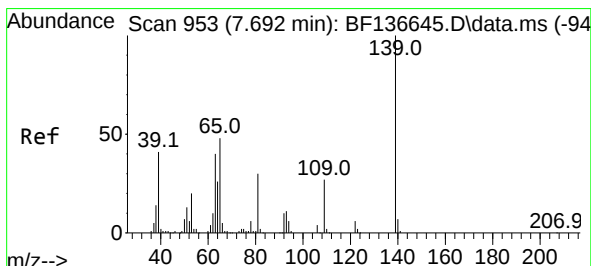
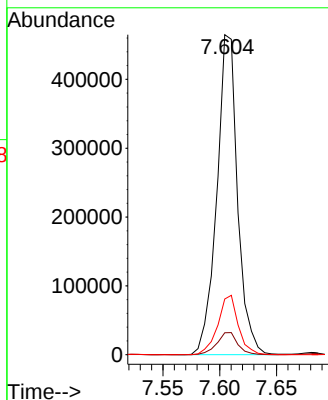
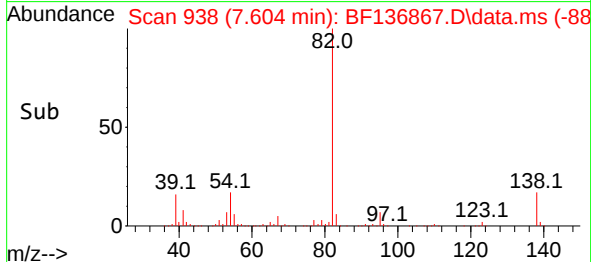
Instrument :
BNA_F
ClientSampleId :
PB158147BS



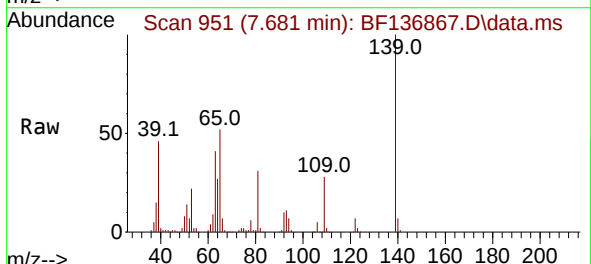
Tgt Ion: 82 Resp: 593022
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.4 14.5 21.7

Manual Integrations
APPROVED

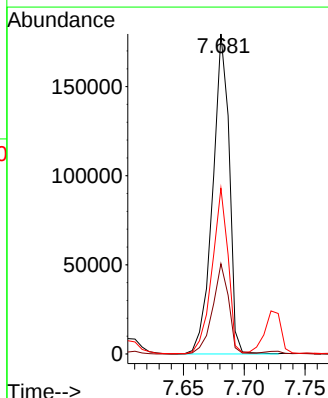
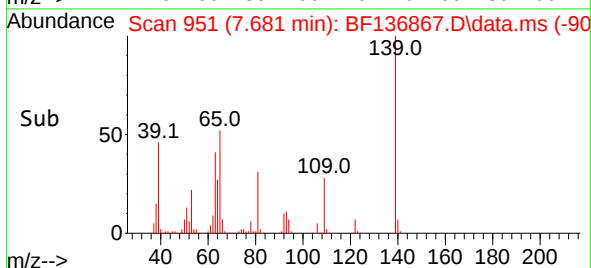
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024

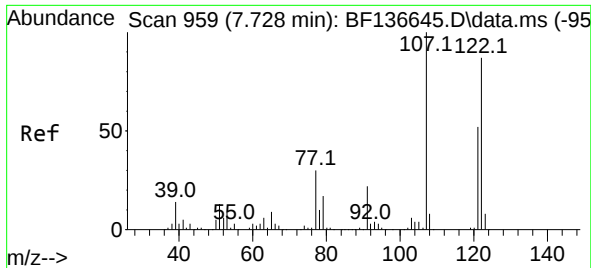


#26
2-Nitrophenol
Concen: 41.459 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.011 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54



Tgt Ion:139 Resp: 169571
Ion Ratio Lower Upper
139 100
109 28.2 21.9 32.9
65 51.8 38.6 58.0





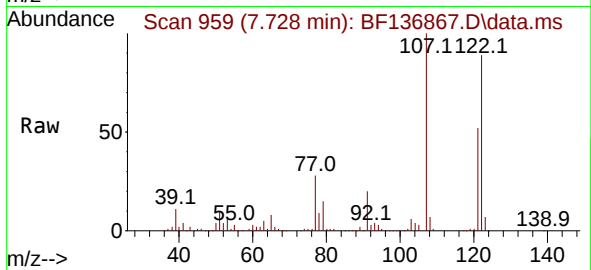
#27
2,4-Dimethylphenol
Concen: 49.968 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB158147BS



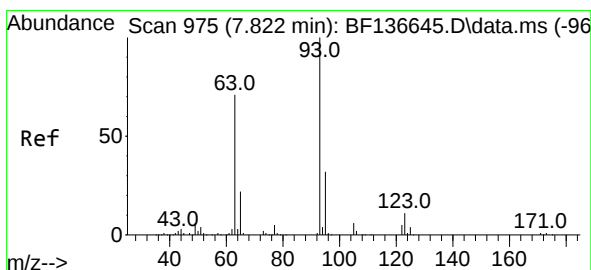
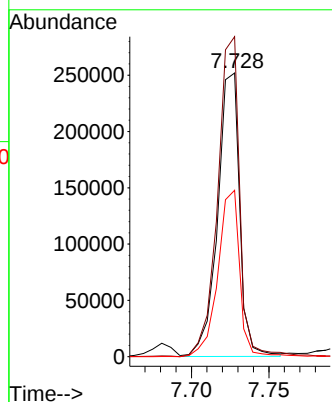
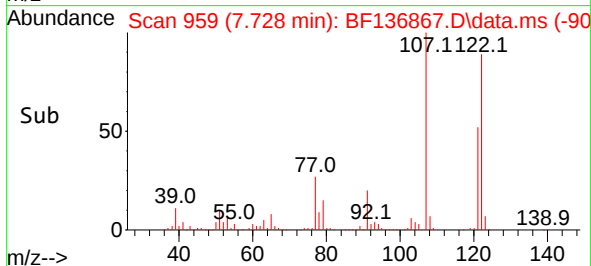
Tgt Ion:122 Resp: 248810
Ion Ratio Lower Upper
122 100
107 112.8 92.0 138.0
121 58.7 47.5 71.3

Manual Integrations

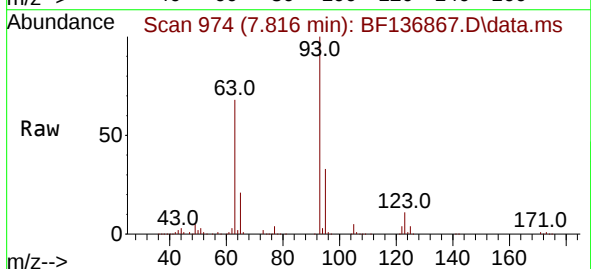
APPROVED

Reviewed By :Yogesh Patel 01/03/2024

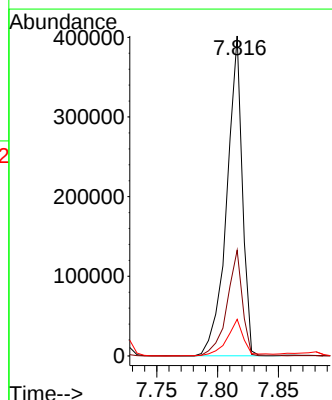
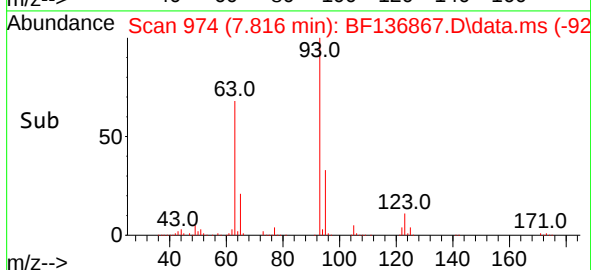
Supervised By :mohammad ahmed 01/03/2024

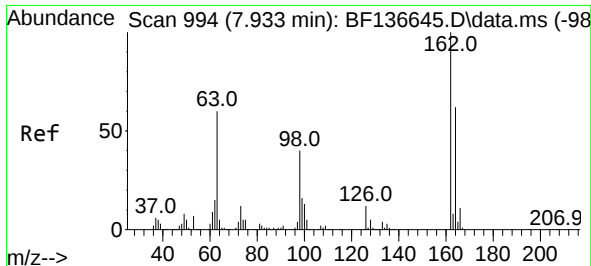


#28
bis(2-Chloroethoxy)methane
Concen: 37.947 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54



Tgt Ion: 93 Resp: 358181
Ion Ratio Lower Upper
93 100
95 33.1 25.5 38.3
123 11.5 9.2 13.8





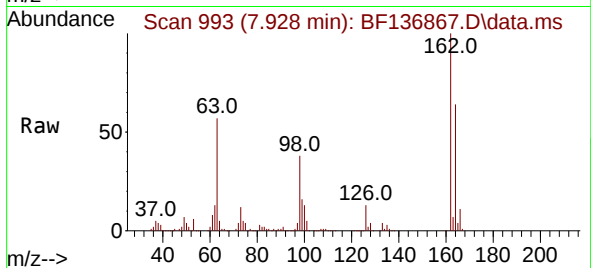
#29
2,4-Dichlorophenol
Concen: 38.165 ng
RT: 7.928 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

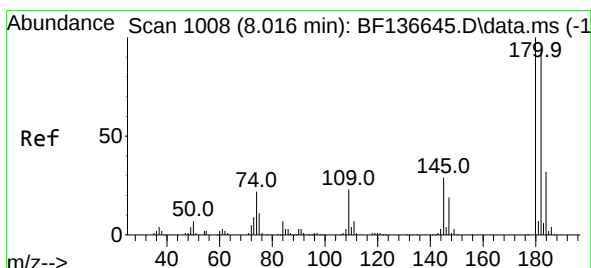
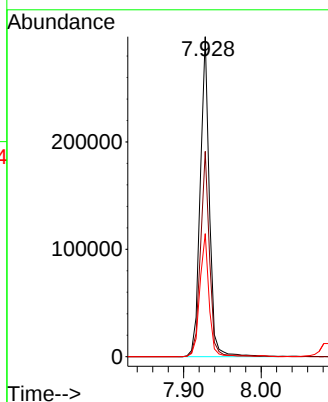
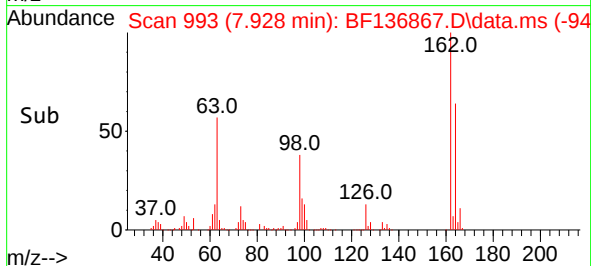
PB158147BS



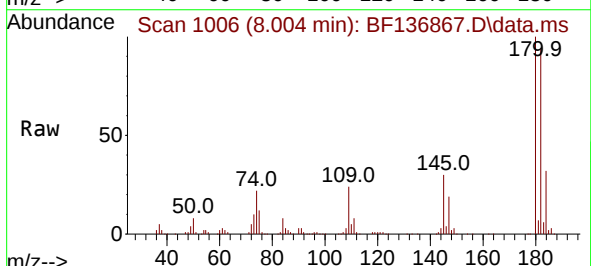
Tgt Ion:162 Resp: 244661
Ion Ratio Lower Upper
162 100
164 64.1 41.7 81.7
98 38.5 19.5 59.5

Manual Integrations
APPROVED

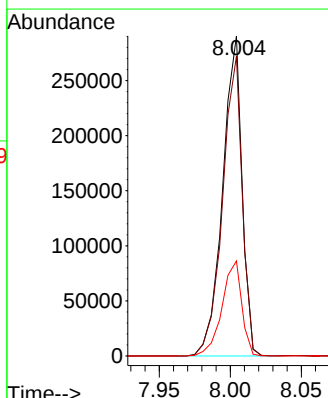
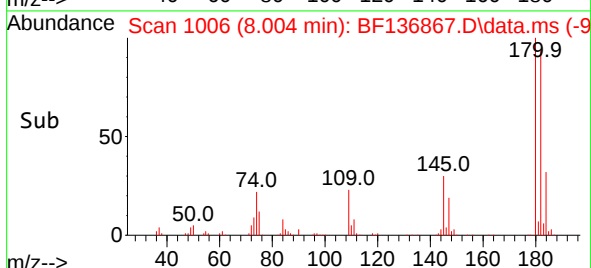
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024

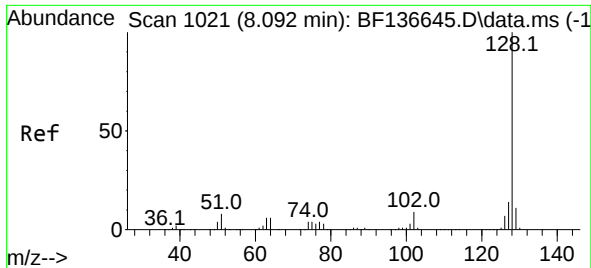


#30
1,2,4-Trichlorobenzene
Concen: 38.594 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.011 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54



Tgt Ion:180 Resp: 275664
Ion Ratio Lower Upper
180 100
182 93.7 75.4 113.0
145 29.7 23.1 34.7





#31
Naphthalene
Concen: 38.074 ng
RT: 8.087 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

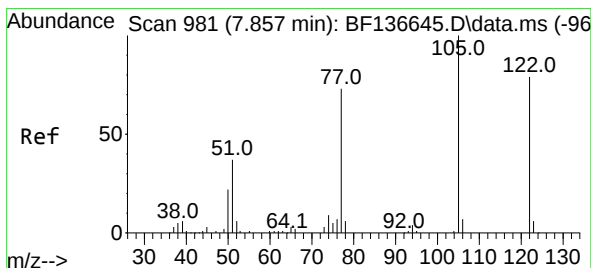
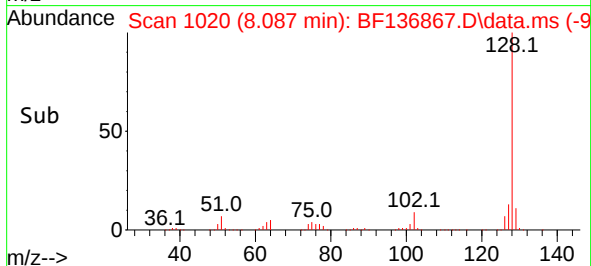
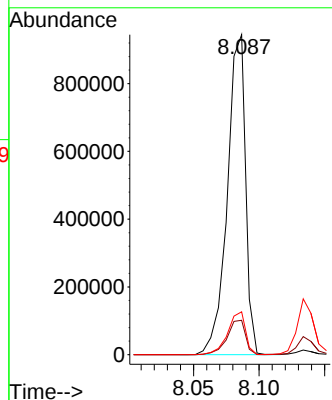
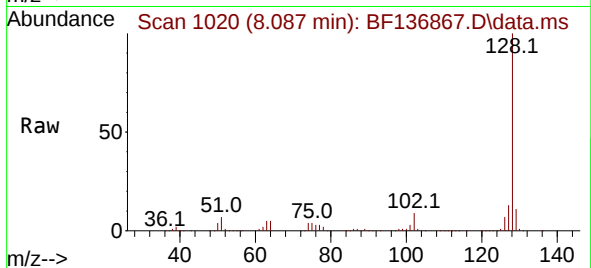
ClientSampleId :

PB158147BS

Tgt Ion:128 Resp: 91340
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.4 10.8 16.2

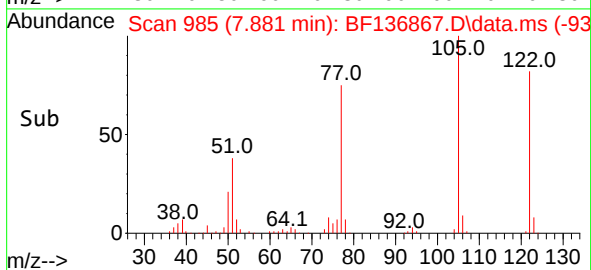
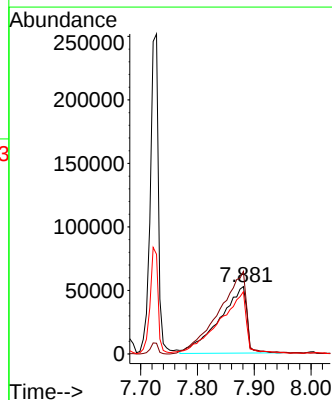
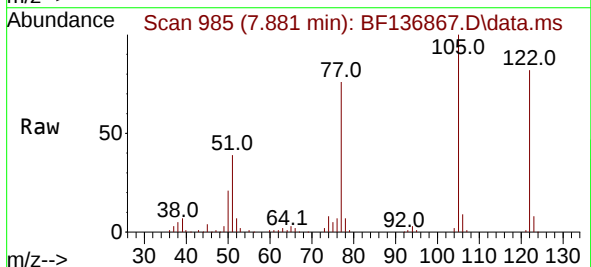
Manual Integrations
APPROVED

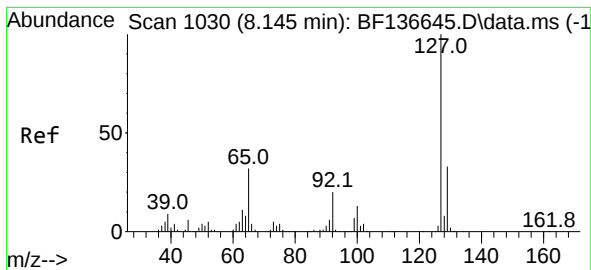
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#32
Benzoic acid
Concen: 36.492 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.024 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Tgt Ion:122 Resp: 175815
Ion Ratio Lower Upper
122 100
105 122.4 100.8 140.8
77 92.5 70.9 110.9





#33
4-Chloroaniline
Concen: 18.606 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.011 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

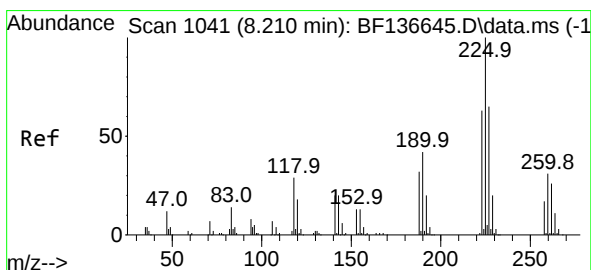
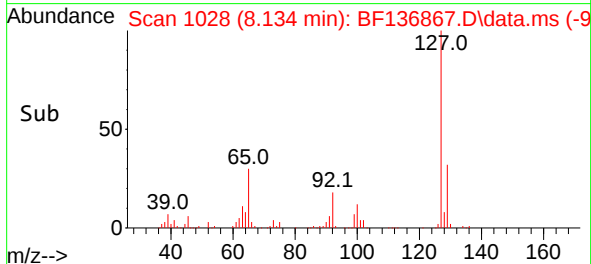
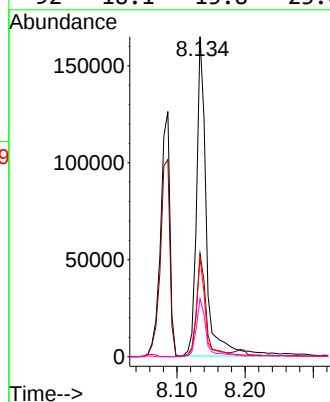
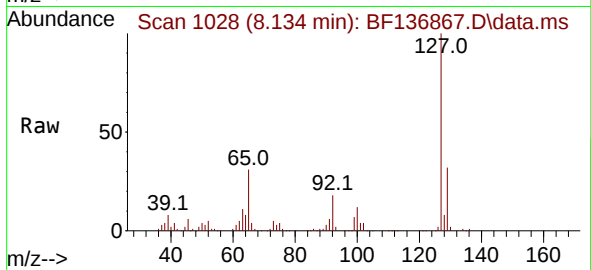
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Tgt Ion:127 Resp: 164804
Ion Ratio Lower Upper
127 100
129 32.2 26.3 39.5
65 30.8 25.8 38.8
92 18.1 15.8 23.6

Manual Integrations

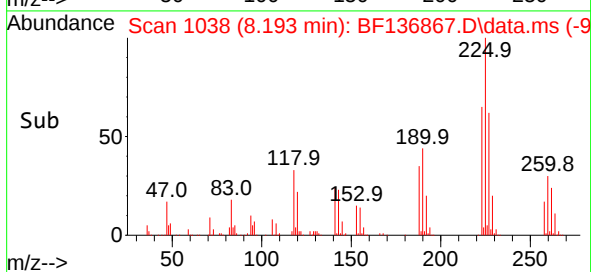
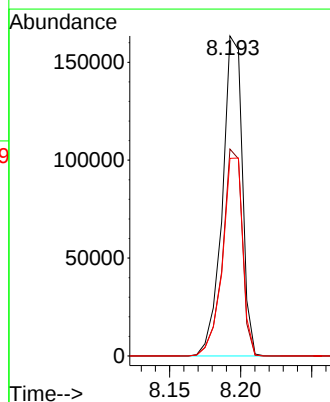
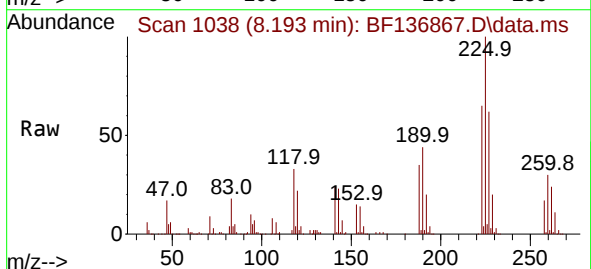
APPROVED

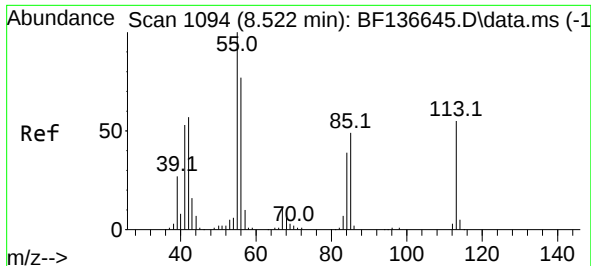
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#34
Hexachlorobutadiene
Concen: 36.557 ng
RT: 8.193 min Scan# 1038
Delta R.T. -0.017 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

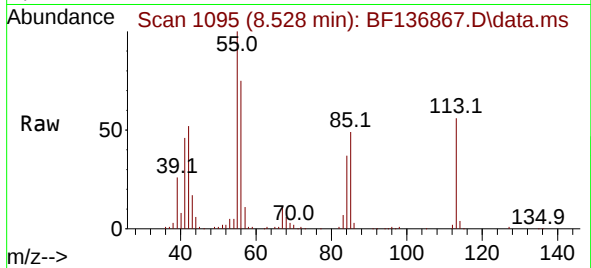
Tgt Ion:225 Resp: 158643
Ion Ratio Lower Upper
225 100
223 64.7 50.6 76.0
227 61.8 51.9 77.9





#35
Caprolactam
Concen: 38.229 ng m
RT: 8.528 min Scan# 1094
Delta R.T. 0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

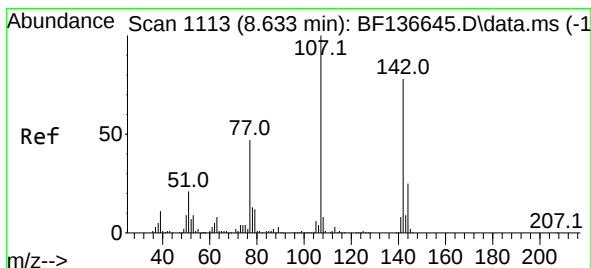
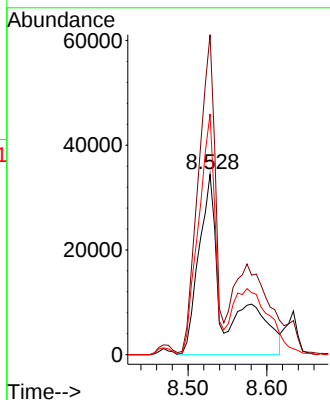
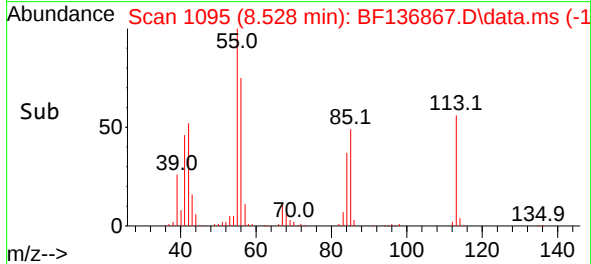
Instrument :
BNA_F
ClientSampleId :
PB158147BS



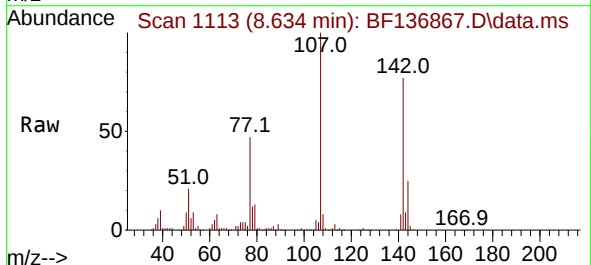
Tgt Ion:113 Resp: 8084
Ion Ratio Lower Upper
113 100
55 177.4 163.1 203.1
56 133.4 121.7 161.7

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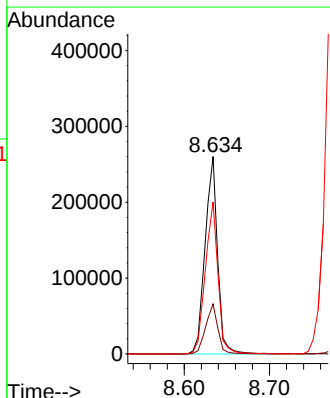
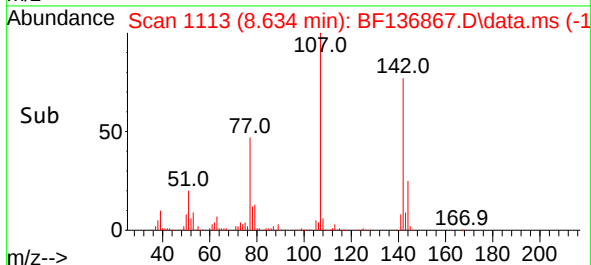
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024

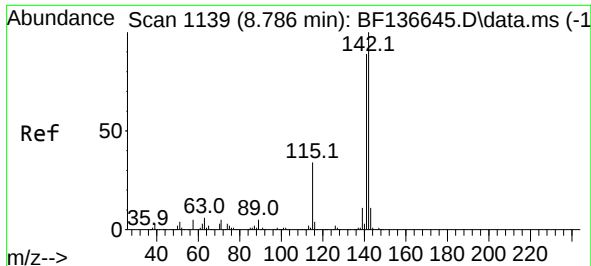


#36
4-Chloro-3-methylphenol
Concen: 36.839 ng
RT: 8.634 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54



Tgt Ion:107 Resp: 265864
Ion Ratio Lower Upper
107 100
144 25.3 20.2 30.2
142 77.0 62.3 93.5





#37

2-Methylnaphthalene

Concen: 37.078 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.011 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB158147BS

Tgt Ion:142 Resp: 572474

Ion Ratio Lower Upper

142 100

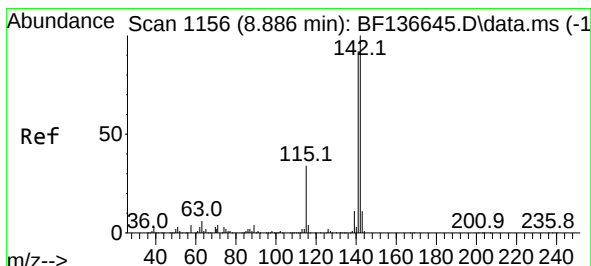
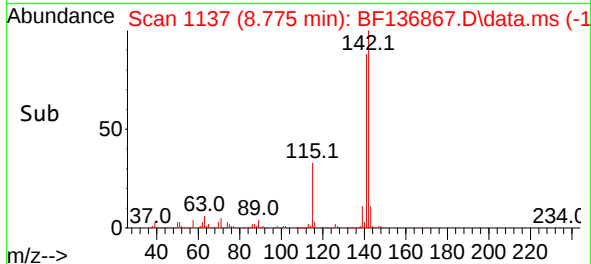
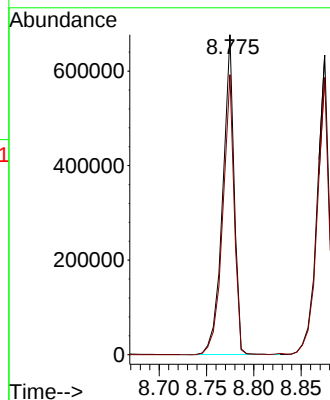
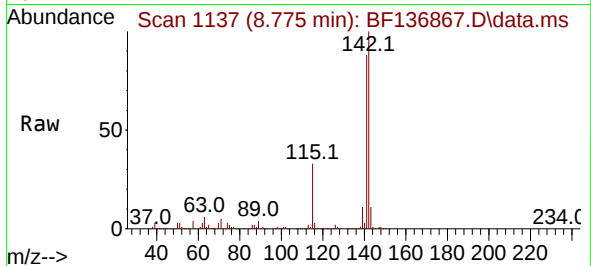
141 87.5 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#38

1-Methylnaphthalene

Concen: 35.996 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136867.D

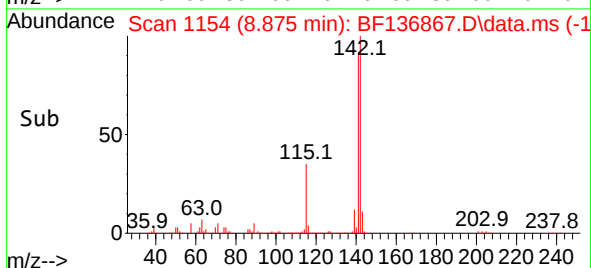
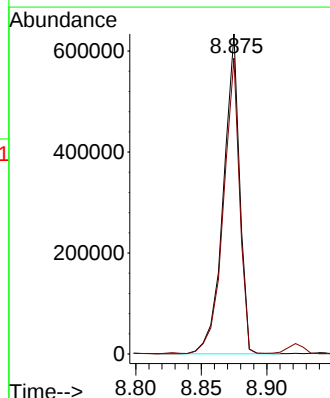
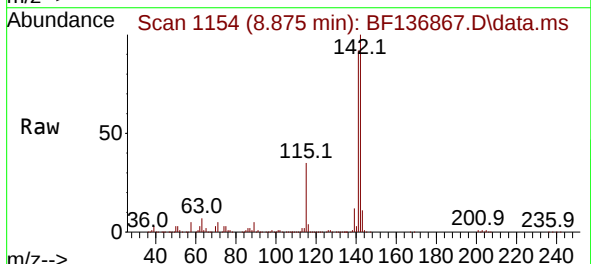
Acq: 02 Jan 2024 12:54

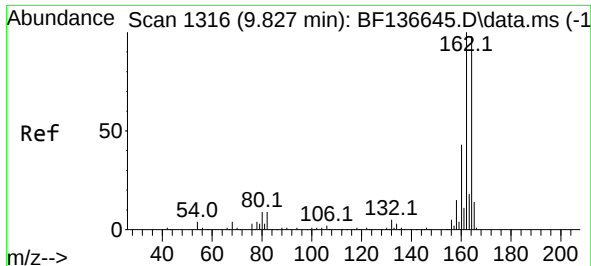
Tgt Ion:142 Resp: 545251

Ion Ratio Lower Upper

142 100

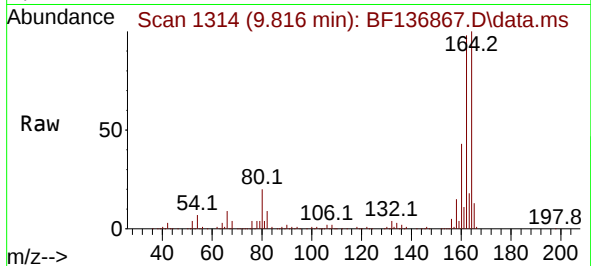
141 92.5 73.6 110.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1165
Delta R.T. -0.011 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

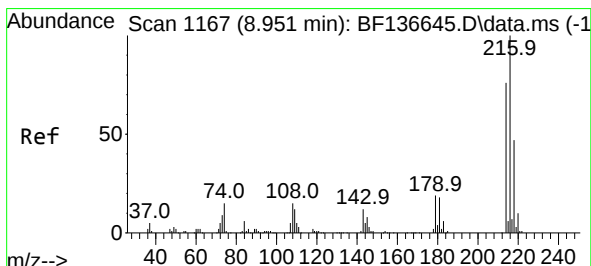
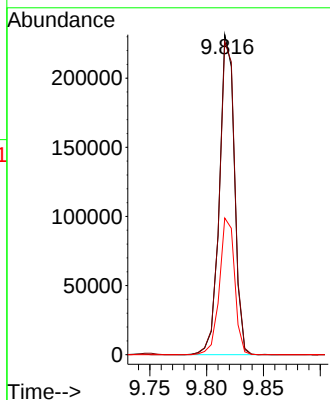
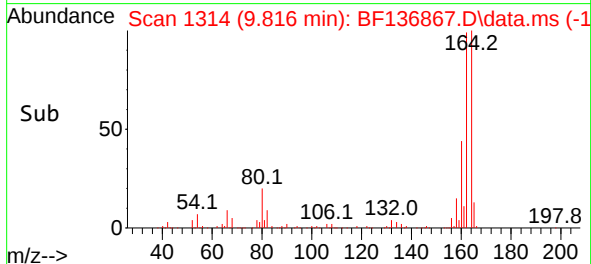
Instrument :
BNA_F
ClientSampleId :
PB158147BS



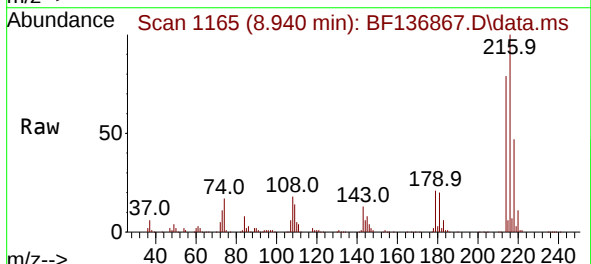
Tgt Ion:164 Resp: 21324
Ion Ratio Lower Upper
164 100
162 97.8 81.6 122.4
160 42.7 34.9 52.3

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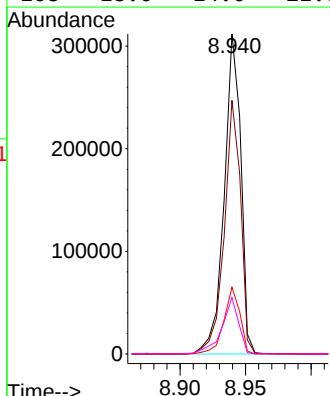
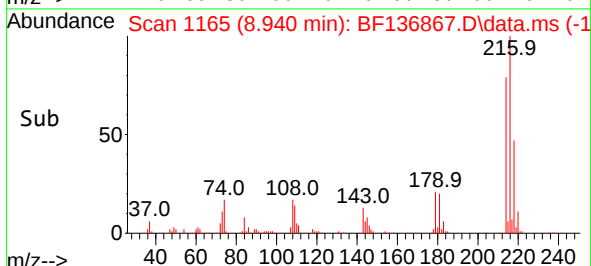
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024

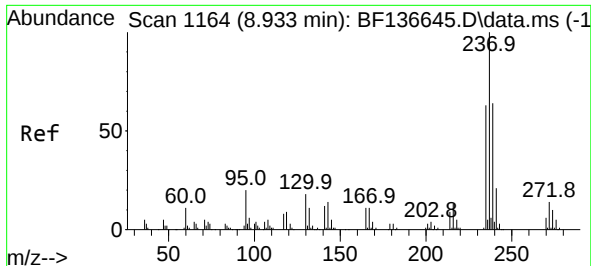


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.550 ng
RT: 8.940 min Scan# 1165
Delta R.T. -0.011 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54



Tgt Ion:216 Resp: 274393
Ion Ratio Lower Upper
216 100
214 78.0 62.3 93.5
179 20.1 16.4 24.6
108 18.0 14.0 21.0





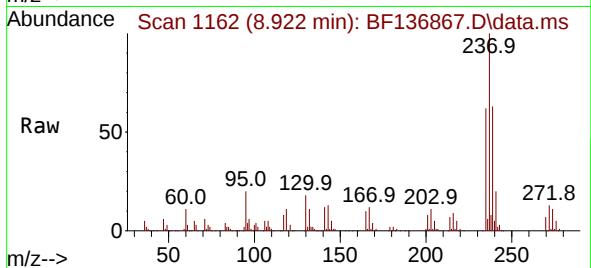
#41
Hexachlorocyclopentadiene
Concen: 71.978 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.011 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB158147BS

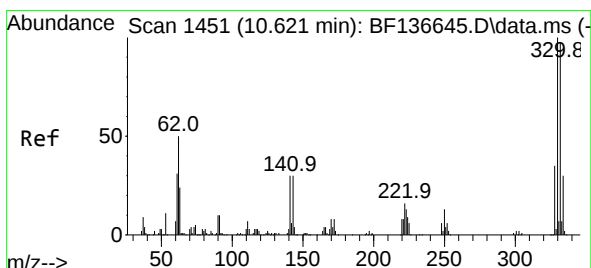
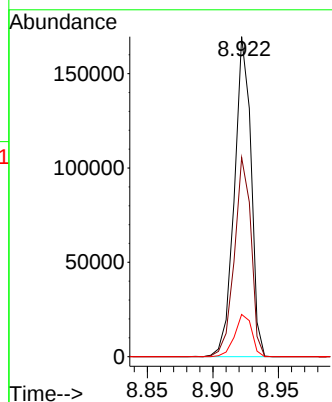
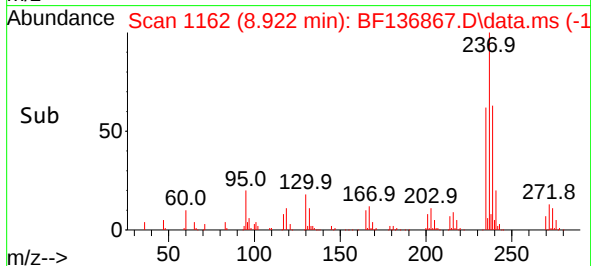


Tgt Ion:237 Resp: 150458
Ion Ratio Lower Upper
237 100
235 62.3 43.2 83.2
272 13.2 0.0 34.2

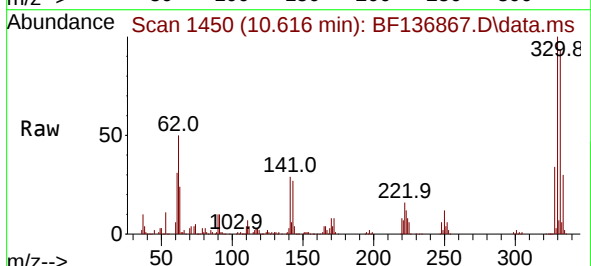
Manual Integrations

APPROVED

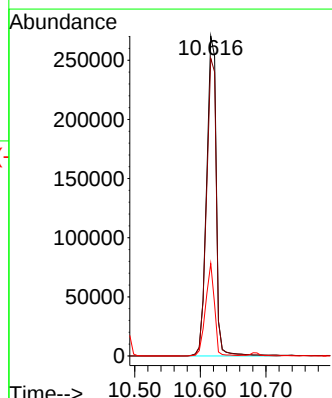
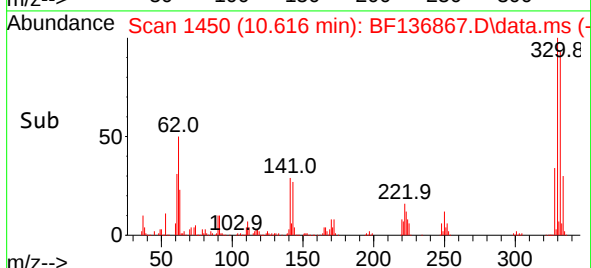
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024

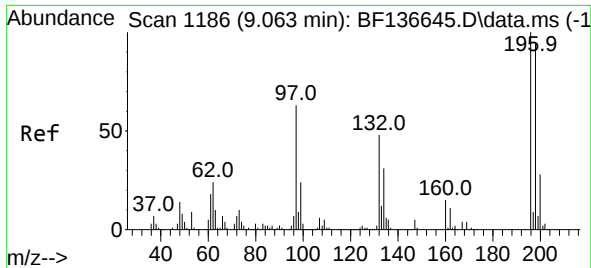


#42
2,4,6-Tribromophenol
Concen: 110.810 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54



Tgt Ion:330 Resp: 278287
Ion Ratio Lower Upper
330 100
332 94.3 77.4 116.0
141 26.7 23.4 35.2





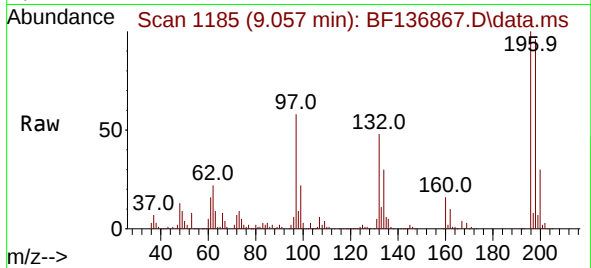
#43
2,4,6-Trichlorophenol
Concen: 41.050 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB158147BS

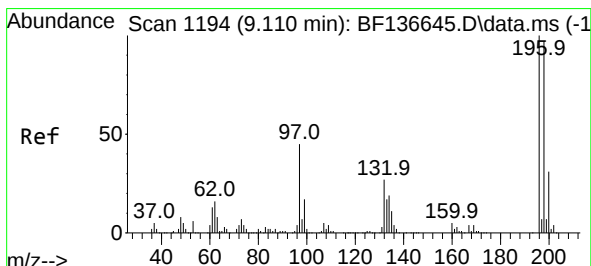
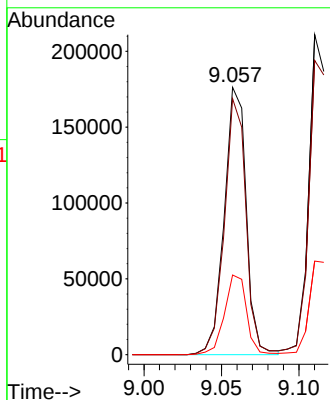
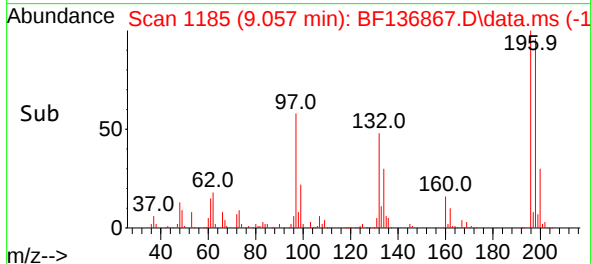


Tgt Ion:196 Resp: 173850
Ion Ratio Lower Upper
196 100
198 95.8 75.1 112.7
200 29.8 22.5 33.7

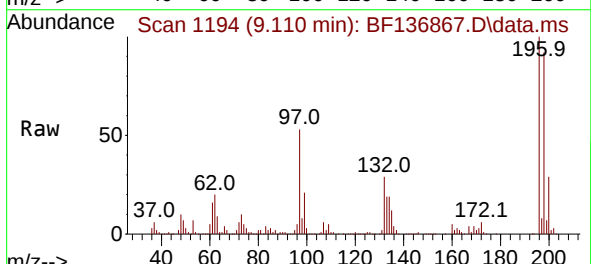
Manual Integrations

APPROVED

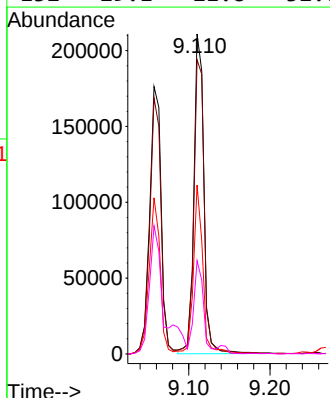
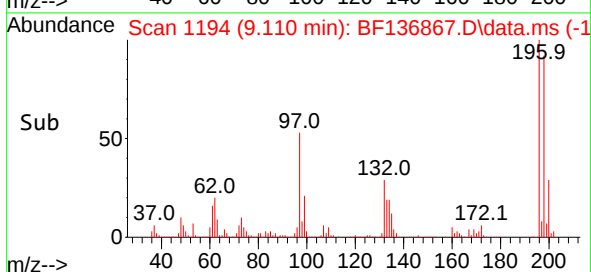
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024

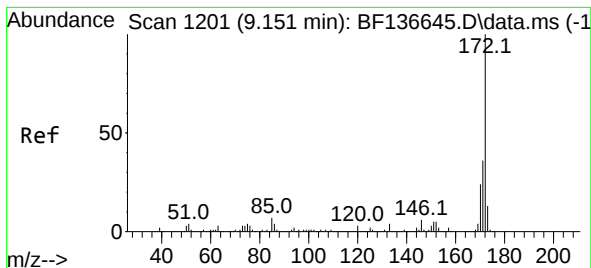


#44
2,4,5-Trichlorophenol
Concen: 38.460 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54



Tgt Ion:196 Resp: 181516
Ion Ratio Lower Upper
196 100
198 91.9 77.0 115.6
97 52.7 36.1 54.1
132 29.1 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 73.454 ng

RT: 9.140 min Scan# 1199

Delta R.T. -0.011 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB158147BS

Tgt Ion:172 Resp: 1164580

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.6

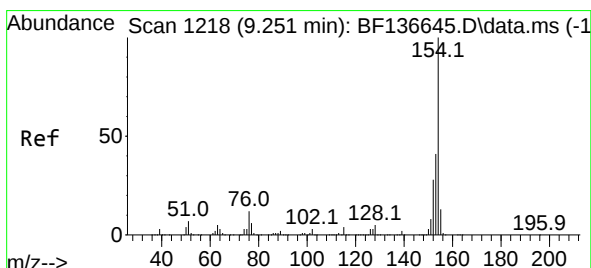
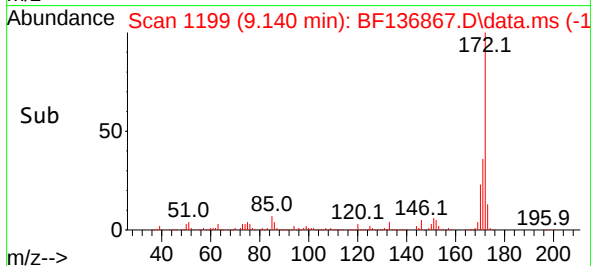
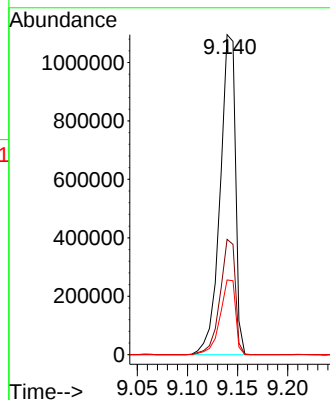
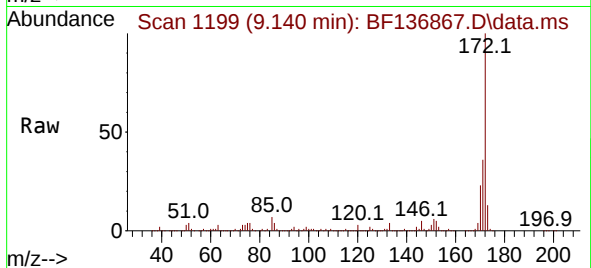
170 23.4 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#46

1,1'-Biphenyl

Concen: 39.365 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

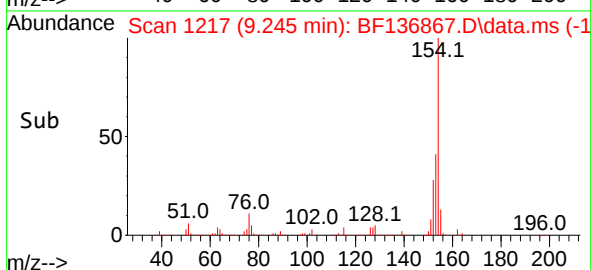
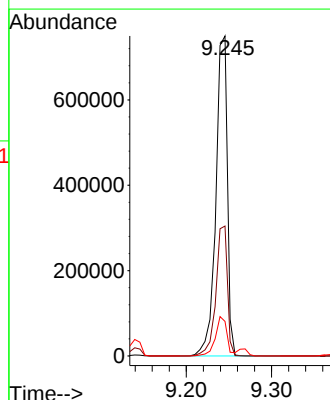
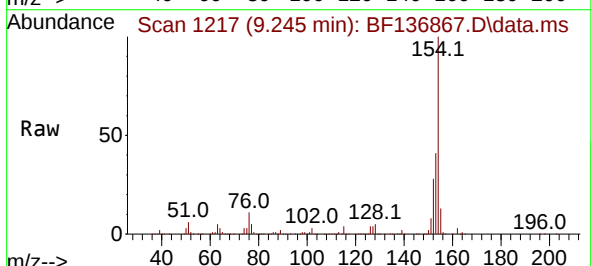
Tgt Ion:154 Resp: 704412

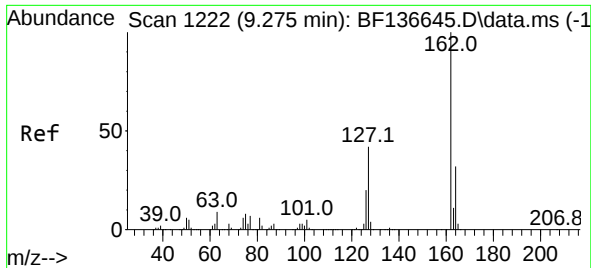
Ion Ratio Lower Upper

154 100

153 40.6 21.1 61.1

76 10.8 0.0 31.7





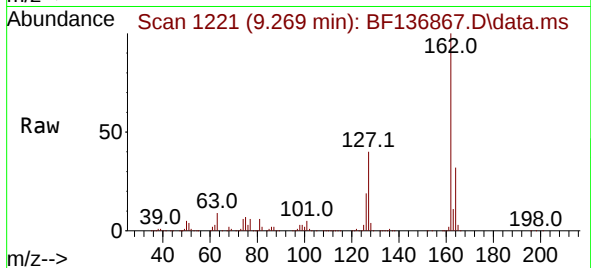
#47
2-Chloronaphthalene
Concen: 39.020 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

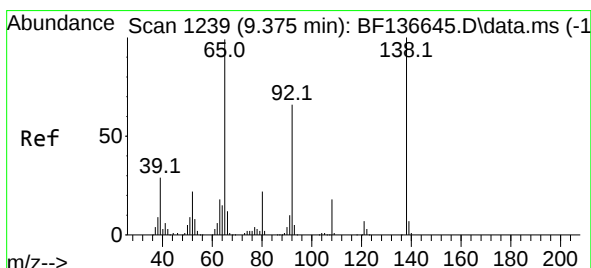
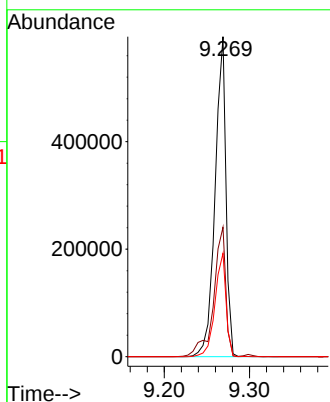
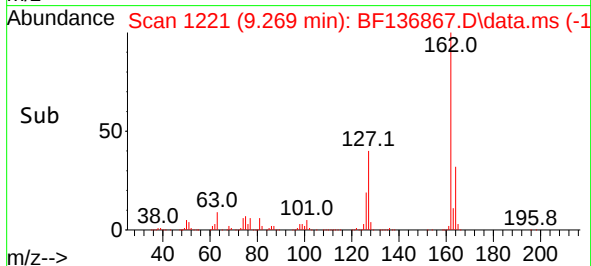
PB158147BS



Tgt Ion:162 Resp: 53081
Ion Ratio Lower Upper
162 100
127 40.5 33.6 50.4
164 32.3 25.7 38.5

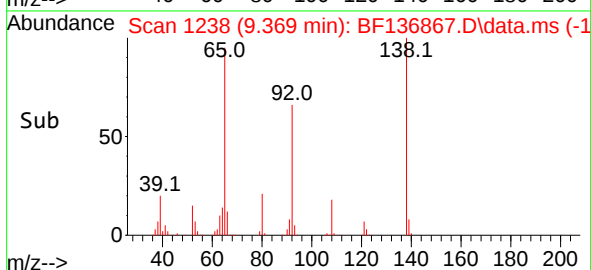
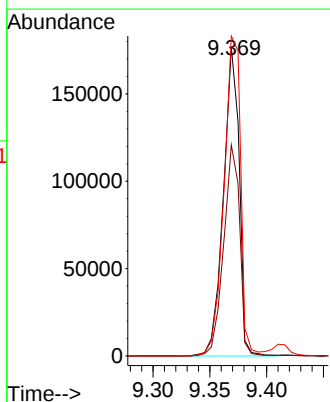
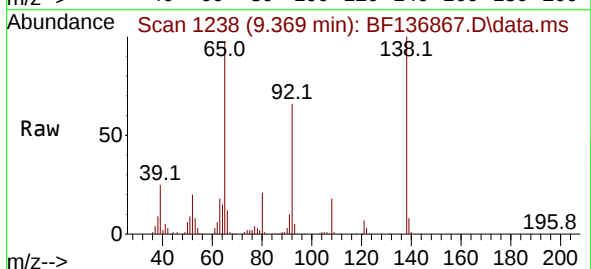
Manual Integrations
APPROVED

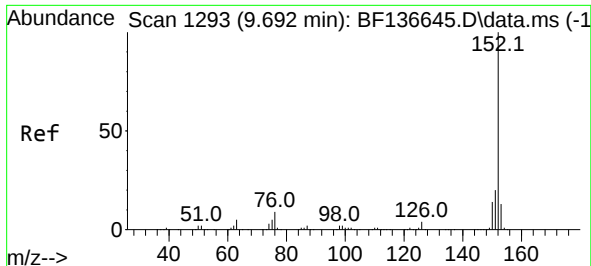
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#48
2-Nitroaniline
Concen: 40.107 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Tgt Ion: 65 Resp: 170854
Ion Ratio Lower Upper
65 100
92 68.3 53.2 79.8
138 103.6 81.1 121.7





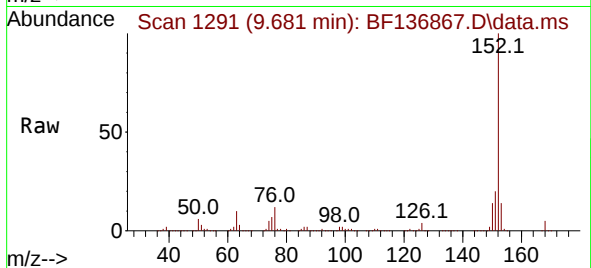
#49
Acenaphthylene
Concen: 40.017 ng
RT: 9.681 min Scan# 1291
Delta R.T. -0.011 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB158147BS



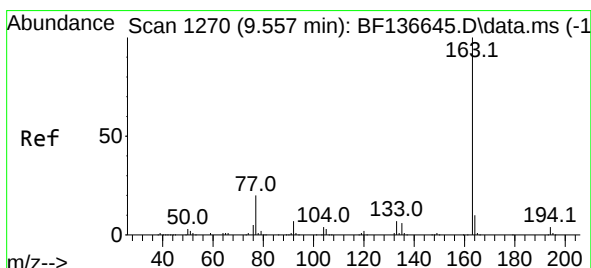
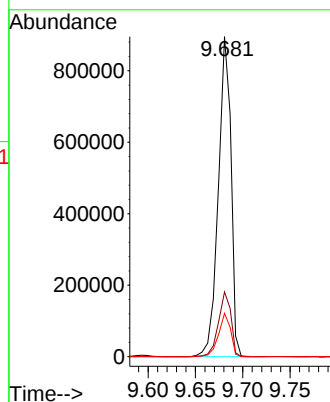
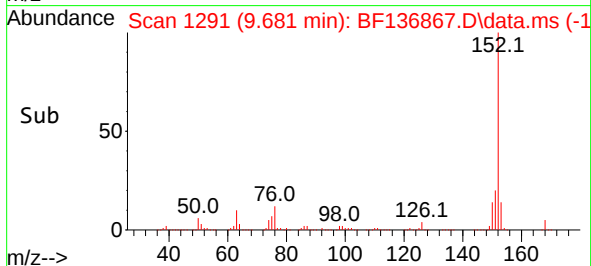
Tgt Ion:152 Resp: 832062
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.6 10.2 15.2

Manual Integrations

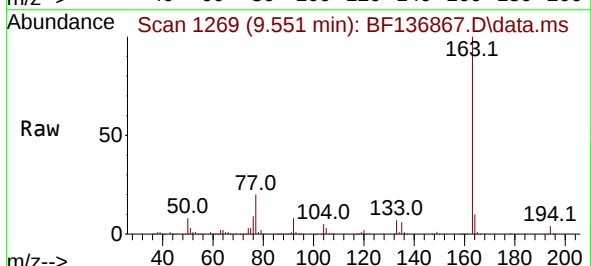
APPROVED

Reviewed By :Yogesh Patel 01/03/2024

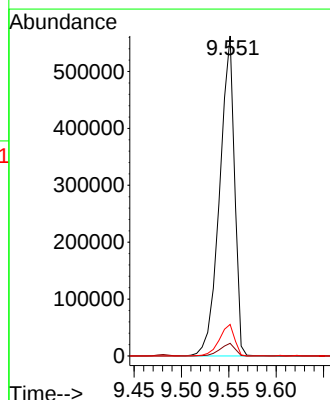
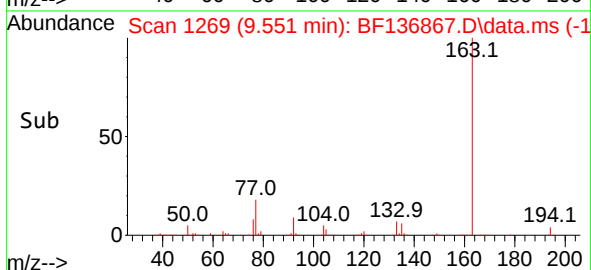
Supervised By :mohammad ahmed 01/03/2024

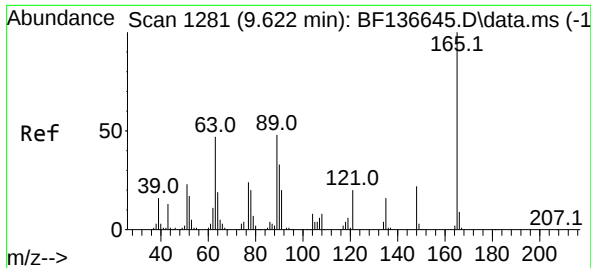


#50
Dimethylphthalate
Concen: 39.624 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54



Tgt Ion:163 Resp: 617178
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.8 7.8 11.6





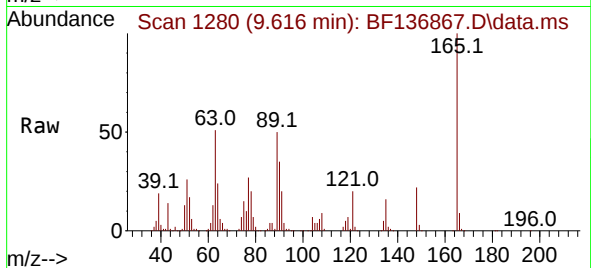
#51
2,6-Dinitrotoluene
Concen: 38.291 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB158147BS

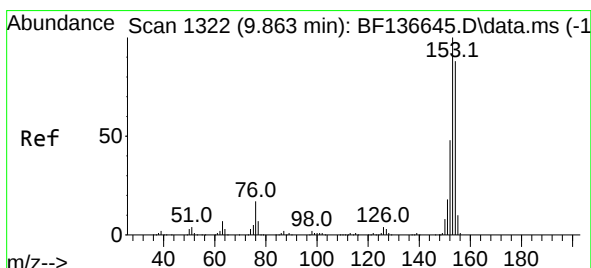
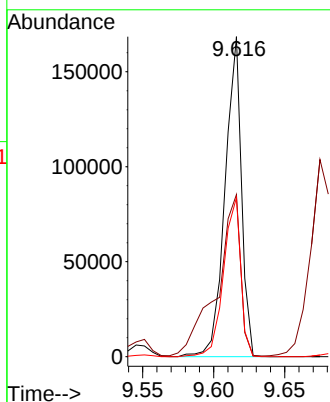
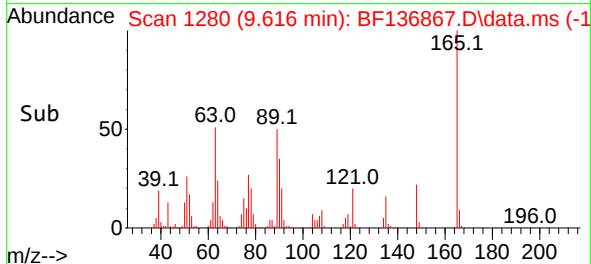


Tgt Ion:165 Resp: 13535
Ion Ratio Lower Upper
165 100
63 50.6 39.8 59.6
89 49.7 38.8 58.2

Manual Integrations

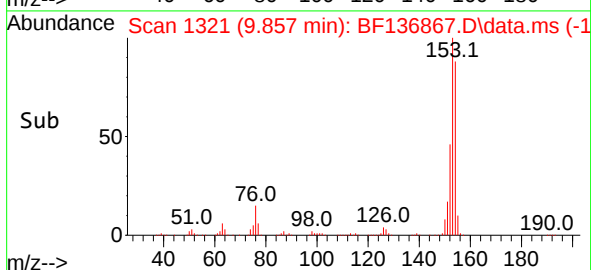
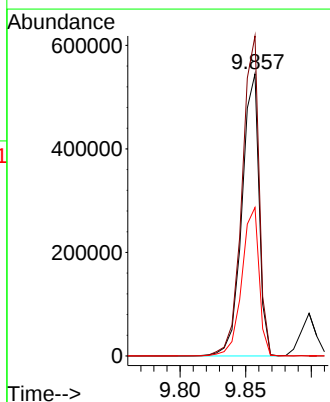
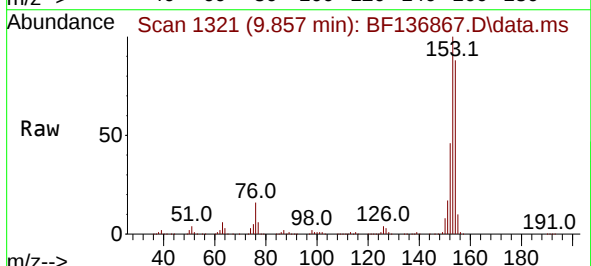
APPROVED

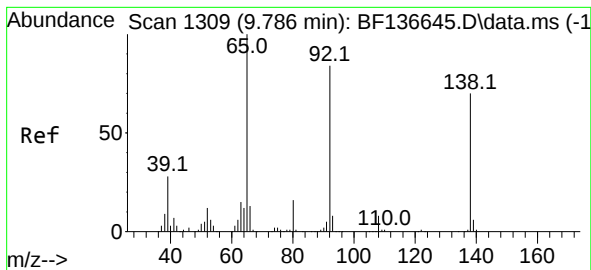
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#52
Acenaphthene
Concen: 38.530 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Tgt Ion:154 Resp: 496619
Ion Ratio Lower Upper
154 100
153 113.5 90.7 136.1
152 52.6 43.7 65.5





#53
3-Nitroaniline
Concen: 31.128 ng
RT: 9.787 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

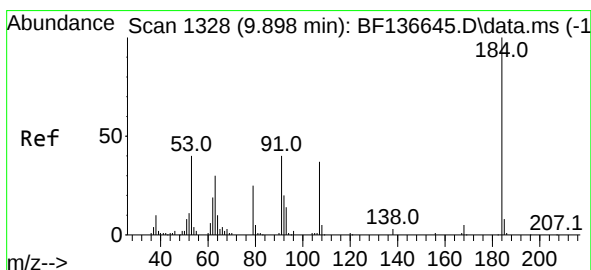
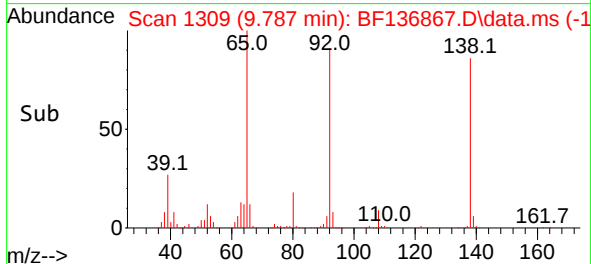
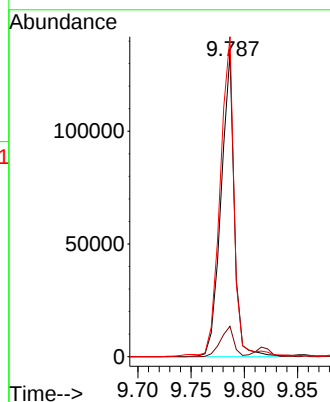
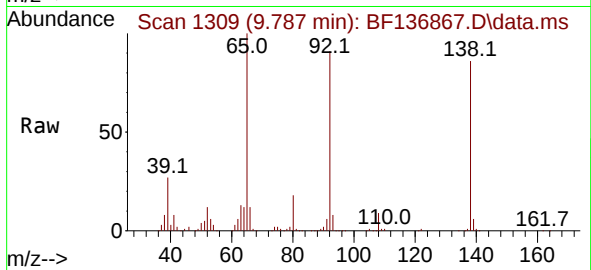
ClientSampleId :

PB158147BS

Tgt Ion:138 Resp: 11656
Ion Ratio Lower Upper
138 100
108 10.0 8.6 12.8
92 105.7 95.2 142.8

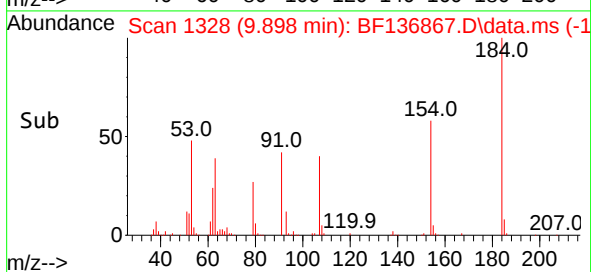
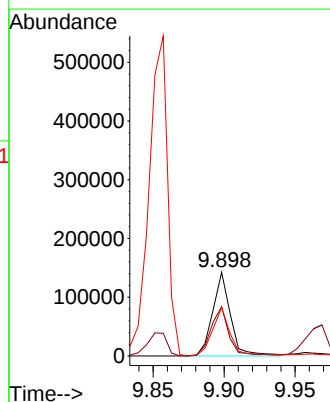
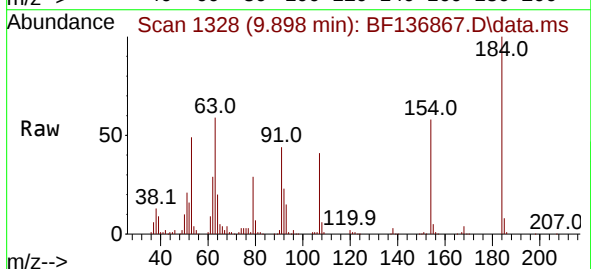
Manual Integrations
APPROVED

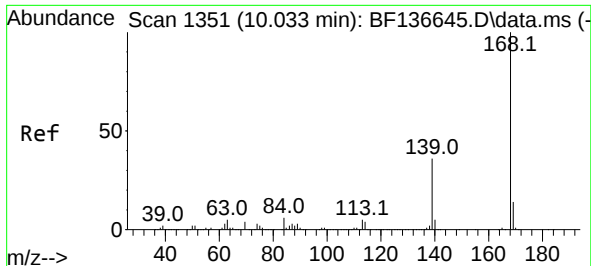
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#54
2,4-Dinitrophenol
Concen: 64.182 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Tgt Ion:184 Resp: 124223
Ion Ratio Lower Upper
184 100
63 58.8 40.9 61.3
154 57.9 42.7 64.1





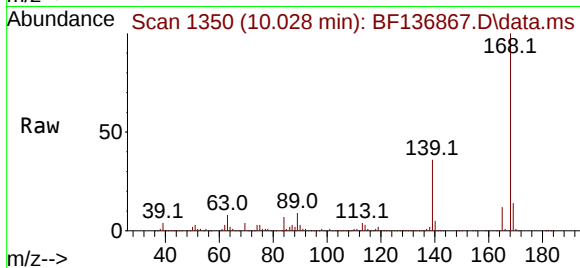
#55
Dibenzenofuran
Concen: 37.965 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

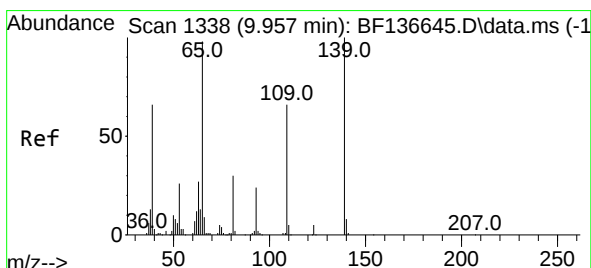
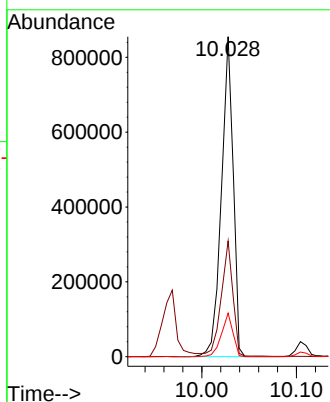
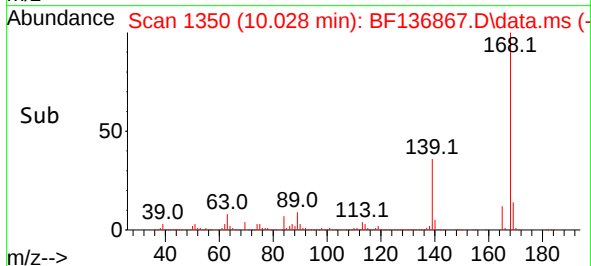
PB158147BS



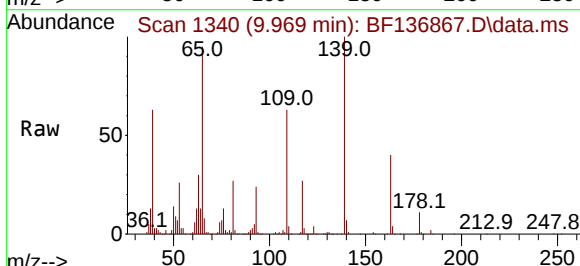
Tgt Ion:168 Resp: 741763
Ion Ratio Lower Upper
168 100
139 36.2 29.3 43.9
169 13.6 11.0 16.4

Manual Integrations
APPROVED

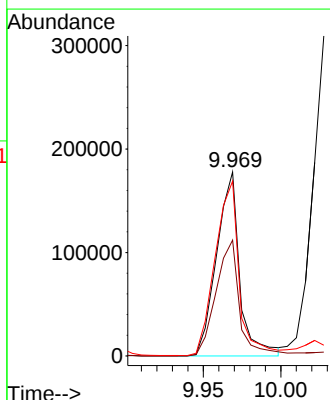
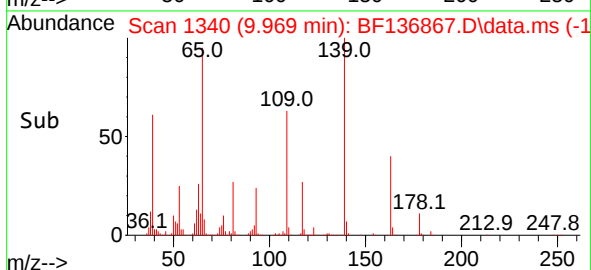
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024

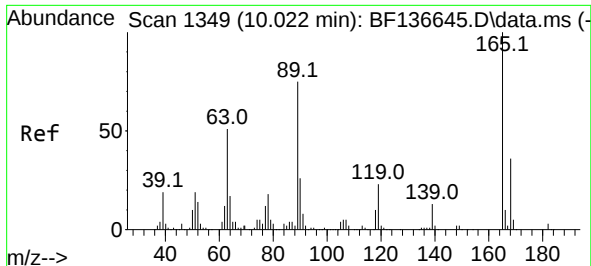


#56
4-Nitrophenol
Concen: 72.973 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54



Tgt Ion:139 Resp: 184462
Ion Ratio Lower Upper
139 100
109 63.0 45.8 85.8
65 95.1 77.8 117.8





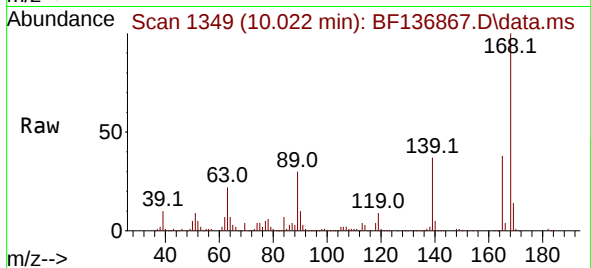
#57
2,4-Dinitrotoluene
Concen: 36.592 ng
RT: 10.022 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB158147BS



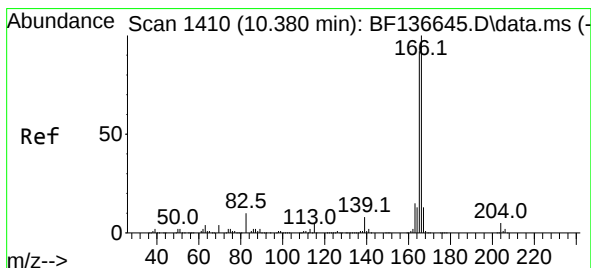
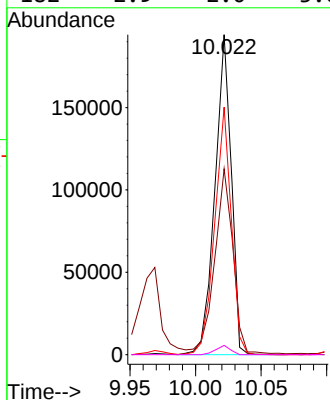
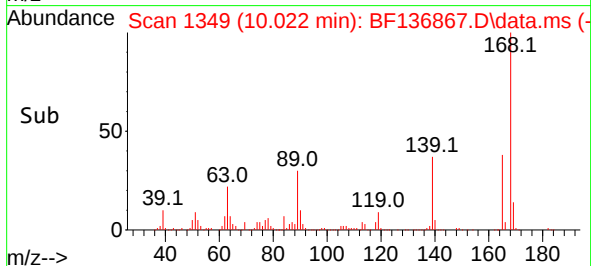
Tgt Ion:165 Resp: 167919
Ion Ratio Lower Upper
165 100
63 58.1 41.0 61.6
89 77.3 59.9 89.9
182 2.9 2.0 3.0

Manual Integrations

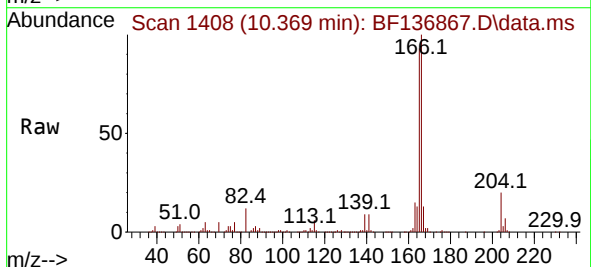
APPROVED

Reviewed By :Yogesh Patel 01/03/2024

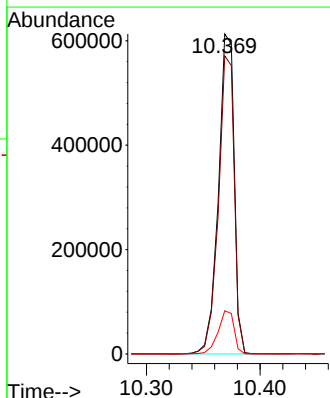
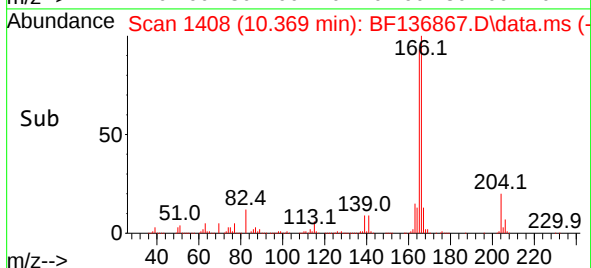
Supervised By :mohammad ahmed 01/03/2024

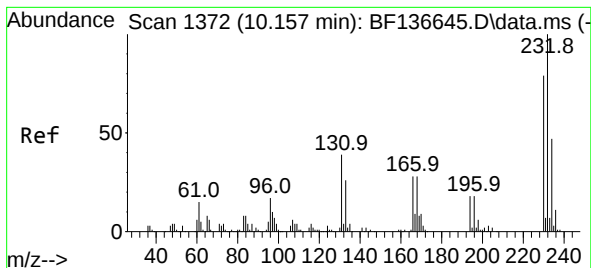


#58
Fluorene
Concen: 38.414 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.011 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54



Tgt Ion:166 Resp: 595514
Ion Ratio Lower Upper
166 100
165 93.2 73.7 110.5
167 13.5 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.387 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

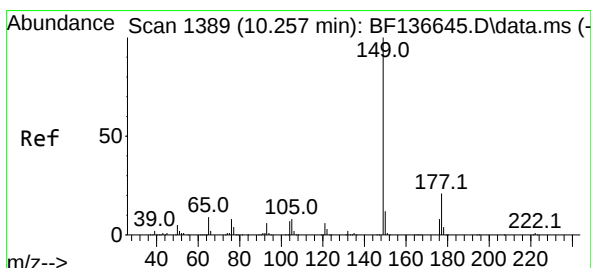
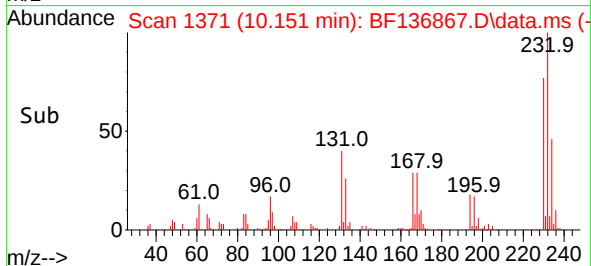
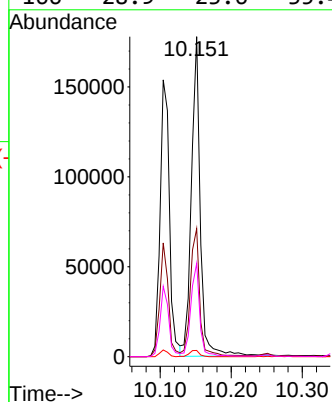
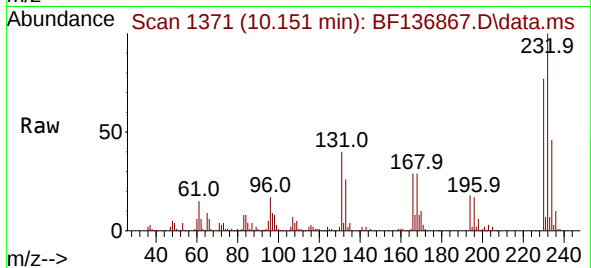
PB158147BS

Tgt Ion:232 Resp: 15399
Ion Ratio Lower Upper
232 100
131 41.9 35.1 52.7
130 2.2 1.6 2.4
166 28.9 23.6 35.4

Manual Integrations

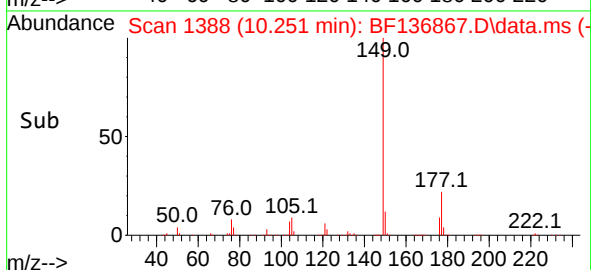
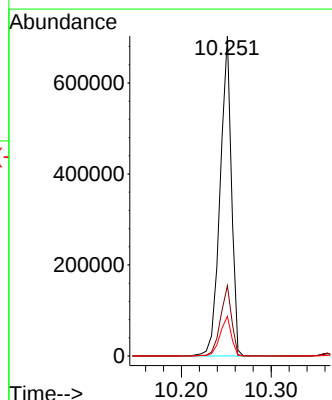
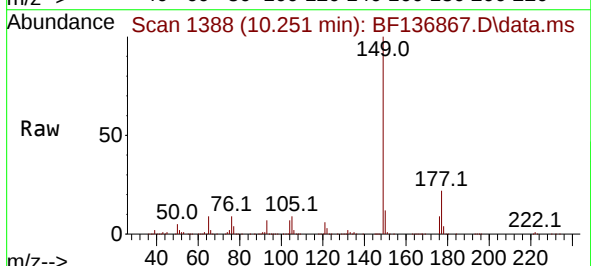
APPROVED

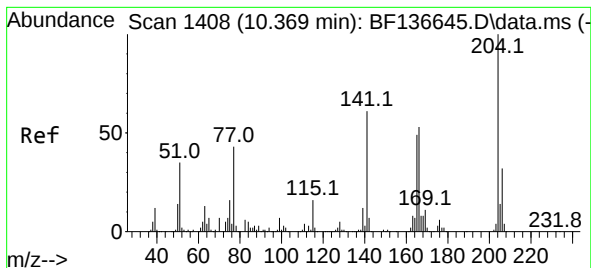
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#60
Diethylphthalate
Concen: 38.071 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

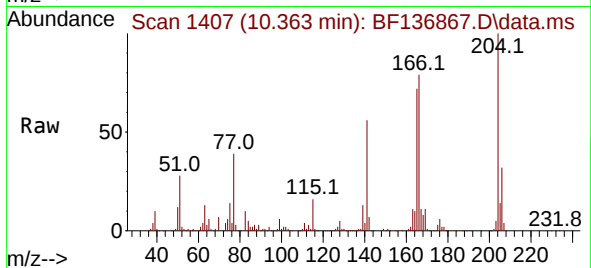
Tgt Ion:149 Resp: 615254
Ion Ratio Lower Upper
149 100
177 21.9 16.9 25.3
150 12.4 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 37.291 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

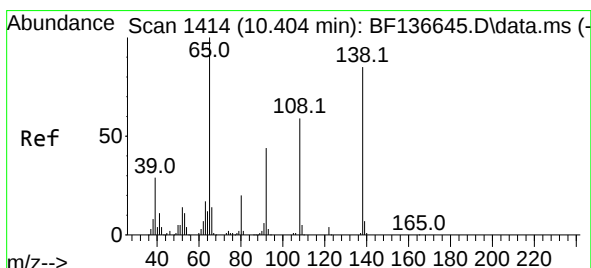
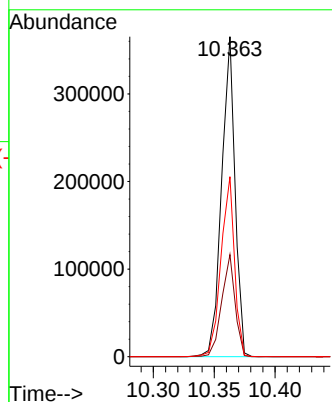
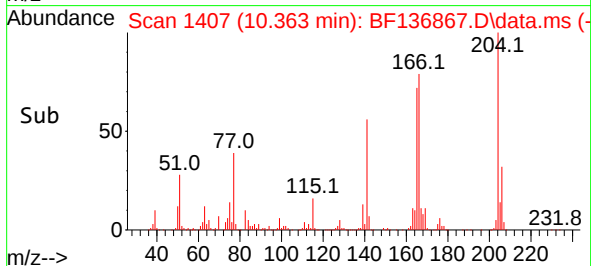
Instrument :
BNA_F
ClientSampleId :
PB158147BS



Tgt Ion:204 Resp: 280999
Ion Ratio Lower Upper
204 100
206 31.9 25.6 38.4
141 56.2 48.4 72.6

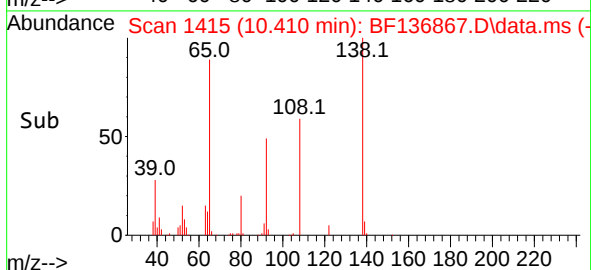
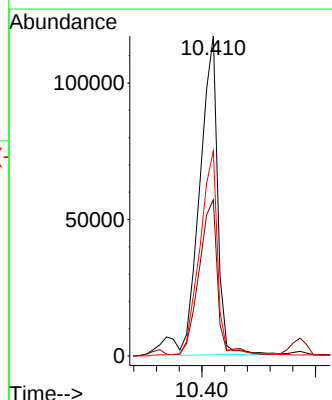
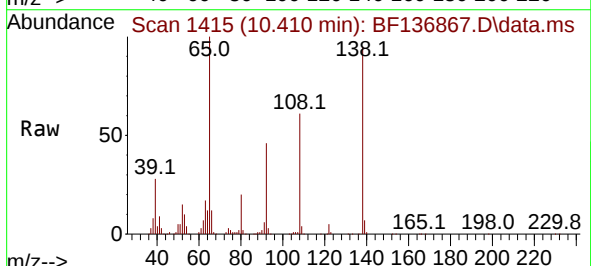
Manual Integrations
APPROVED

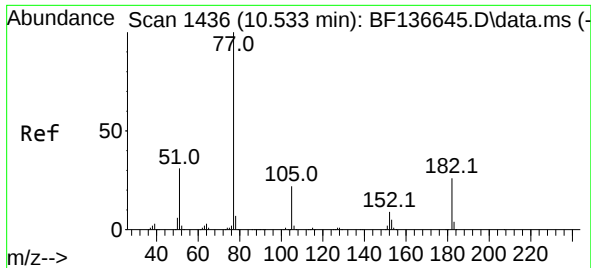
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#62
4-Nitroaniline
Concen: 34.621 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Tgt Ion:138 Resp: 124978
Ion Ratio Lower Upper
138 100
92 48.8 32.1 72.1
108 64.1 50.1 90.1





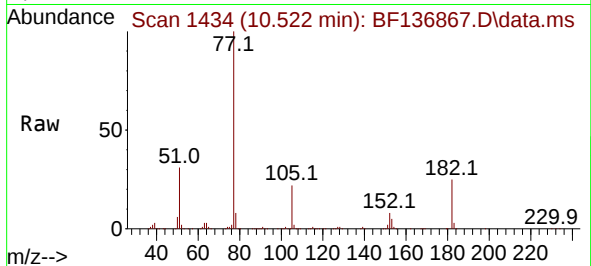
#63
Azobenzene
Concen: 37.531 ng
RT: 10.522 min Scan# 1436
Delta R.T. -0.011 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB158147BS



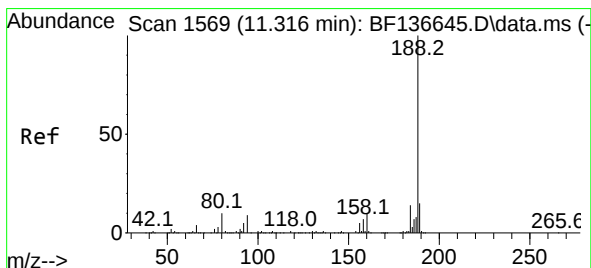
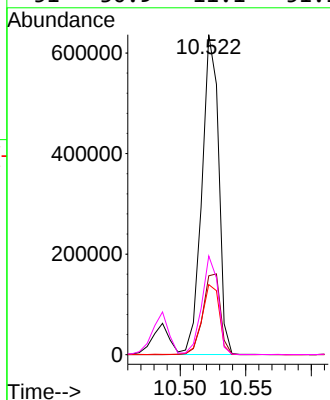
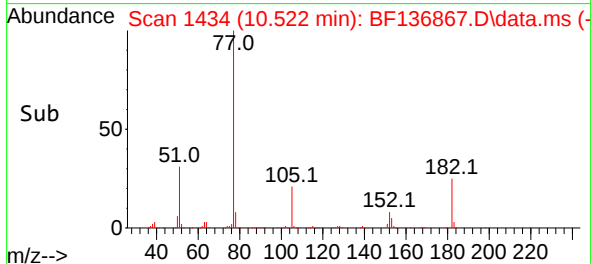
Tgt Ion: 77 Resp: 56650
Ion Ratio Lower Upper
77 100
182 24.7 6.0 46.0
105 21.9 2.3 42.3
51 30.9 11.1 51.1

Manual Integrations

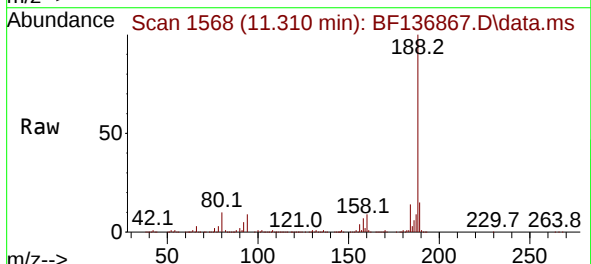
APPROVED

Reviewed By :Yogesh Patel 01/03/2024

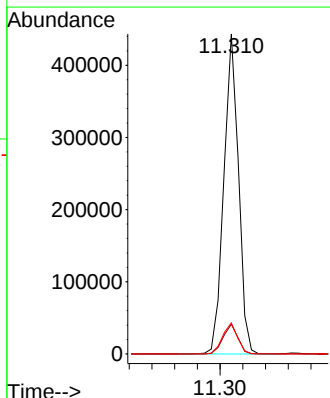
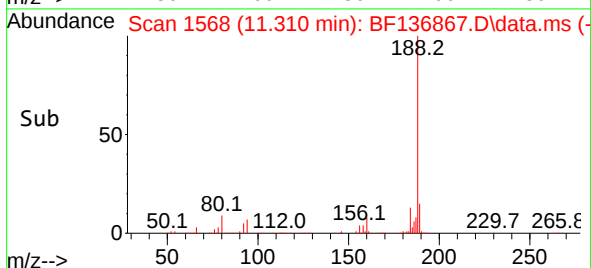
Supervised By :mohammad ahmed 01/03/2024

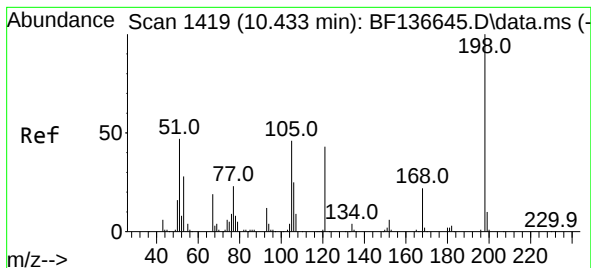


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54



Tgt Ion:188 Resp: 398351
Ion Ratio Lower Upper
188 100
94 9.3 7.5 11.3
80 9.7 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 38.658 ng
RT: 10.434 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

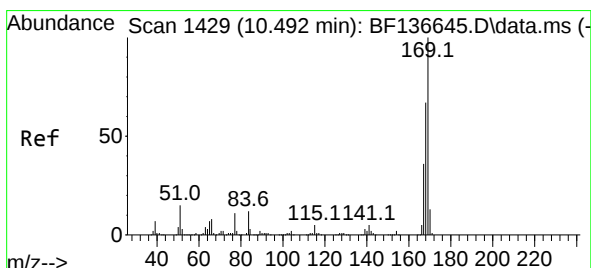
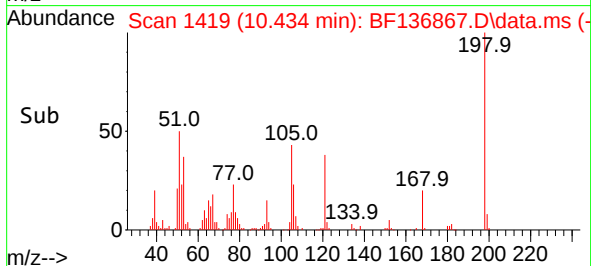
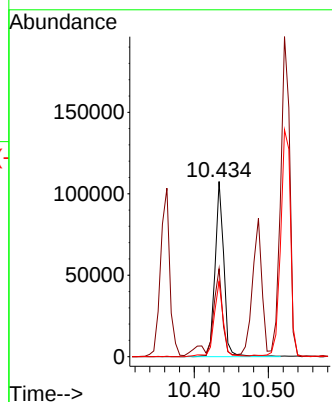
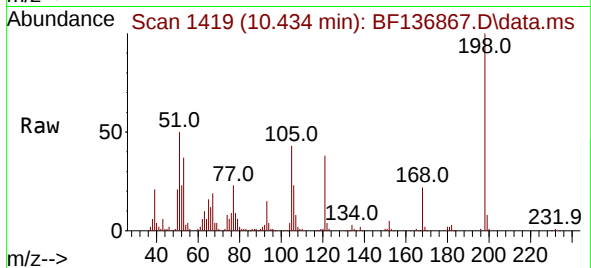
PB158147BS

Tgt Ion:198 Resp: 8825
Ion Ratio Lower Upper
198 100
51 50.2 34.1 74.1
105 43.0 27.3 67.3

Manual Integrations

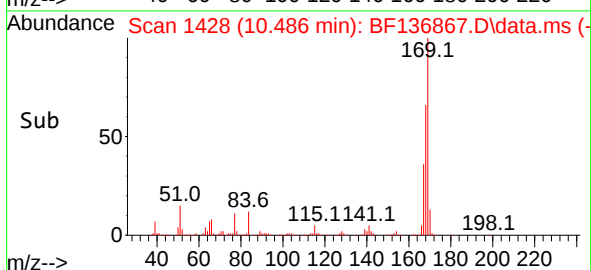
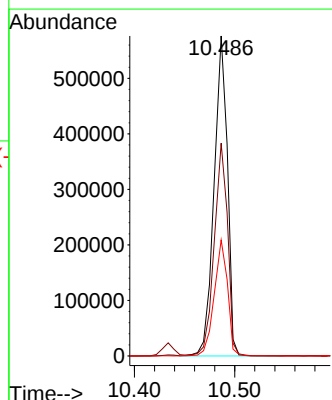
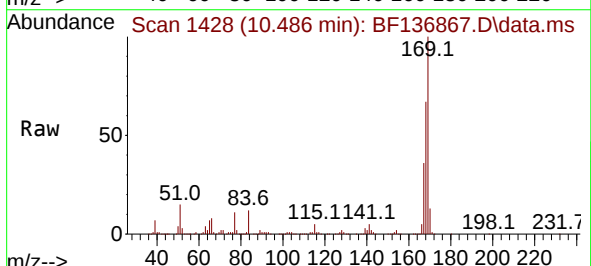
APPROVED

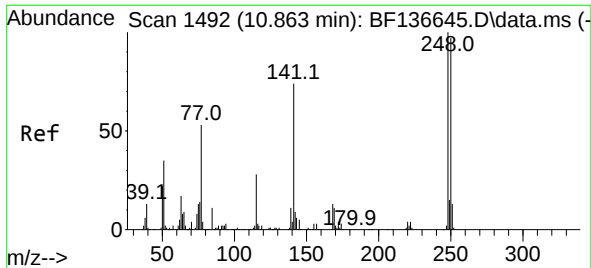
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#66
n-Nitrosodiphenylamine
Concen: 41.195 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Tgt Ion:169 Resp: 533069
Ion Ratio Lower Upper
169 100
168 66.5 53.8 80.6
167 36.2 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 39.778 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

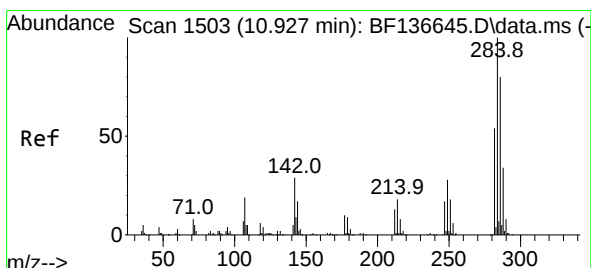
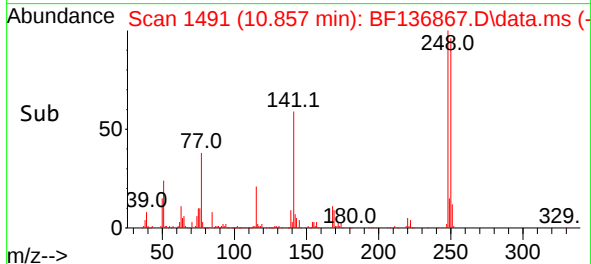
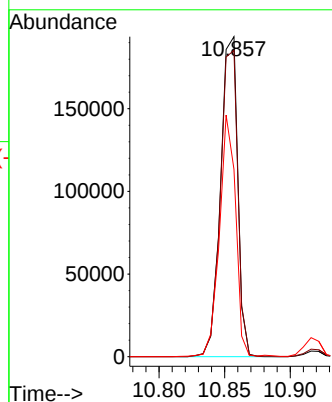
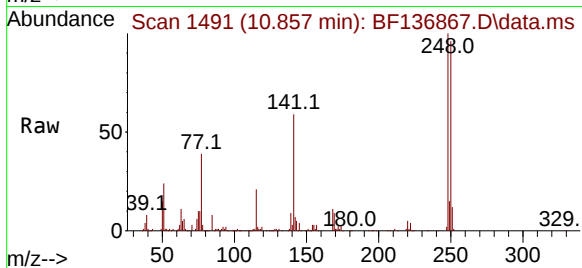
ClientSampleId :

PB158147BS

Tgt Ion:248 Resp: 175978
Ion Ratio Lower Upper
248 100
250 95.7 77.8 116.6
141 58.6 59.2 88.8

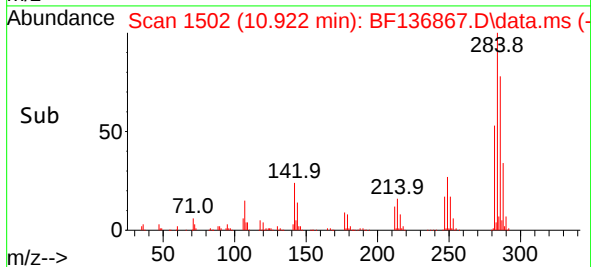
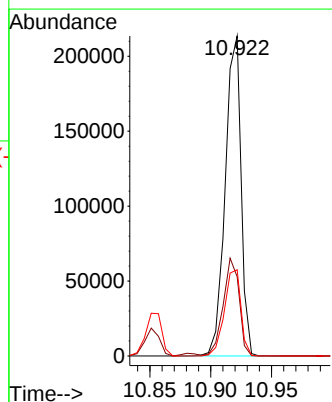
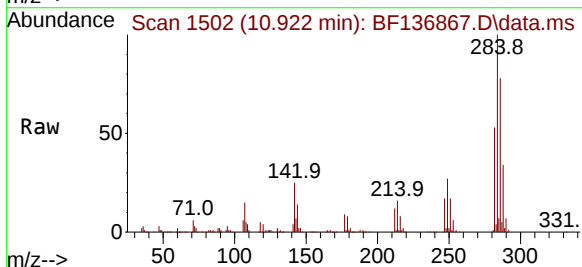
Manual Integrations
APPROVED

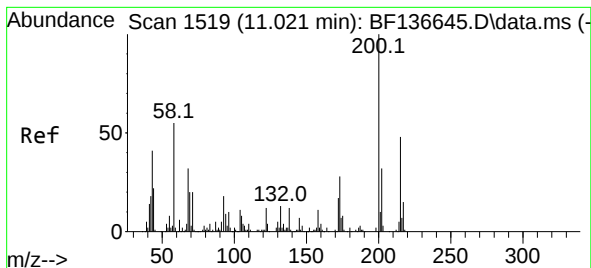
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#68
Hexachlorobenzene
Concen: 39.248 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Tgt Ion:284 Resp: 193499
Ion Ratio Lower Upper
284 100
142 24.7 23.4 35.0
249 27.0 22.3 33.5





#69

Atrazine

Concen: 39.183 ng

RT: 11.022 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB158147BS

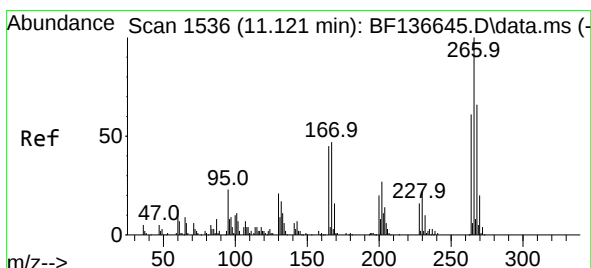
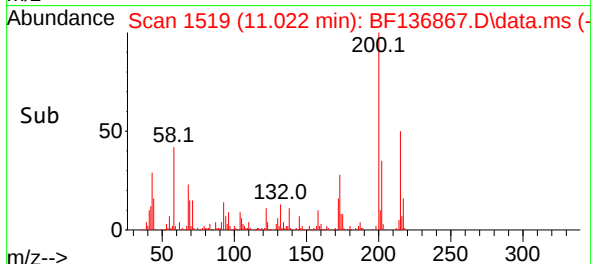
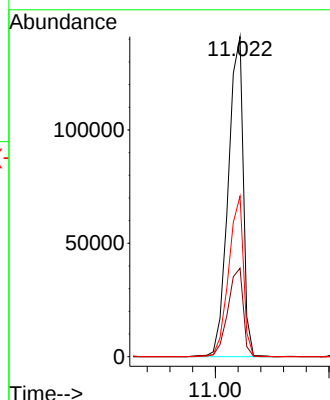
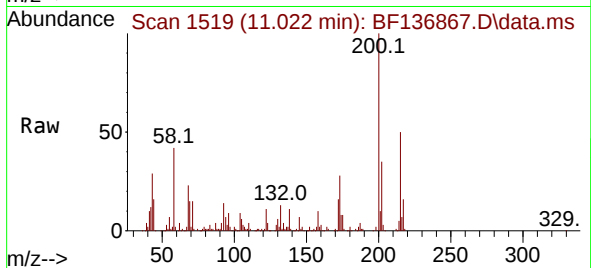
Tgt Ion:200 Resp: 129680
 Ion Ratio Lower Upper
 200 100
 173 27.6 7.6 47.6
 215 50.1 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#70

Pentachlorophenol

Concen: 67.493 ng

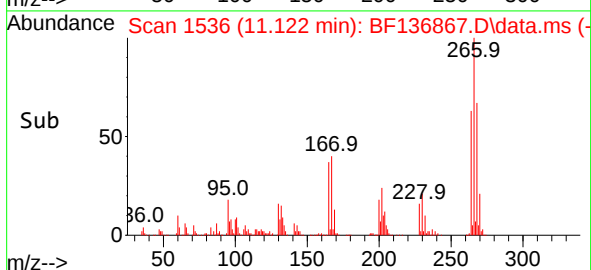
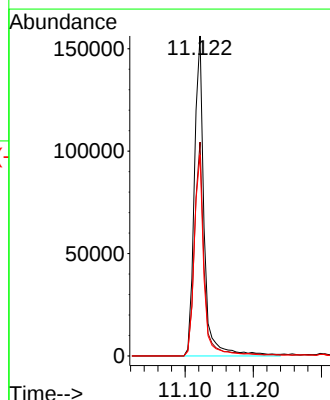
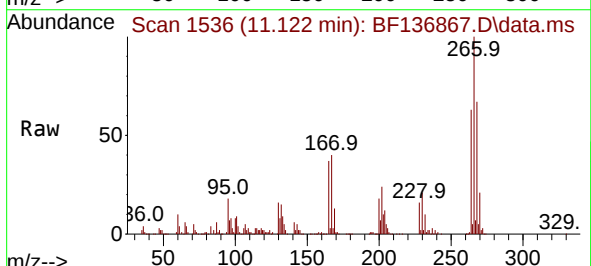
RT: 11.122 min Scan# 1536

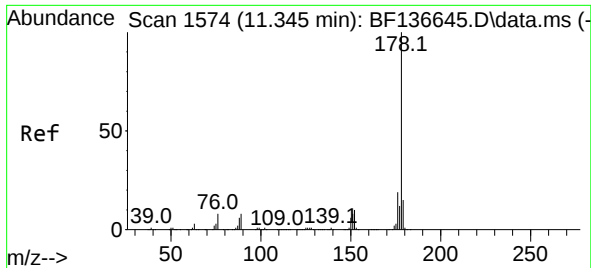
Delta R.T. 0.000 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

Tgt Ion:266 Resp: 155099
 Ion Ratio Lower Upper
 266 100
 268 66.9 52.6 78.8
 264 62.9 49.0 73.4





#71
Phenanthrene
Concen: 40.211 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

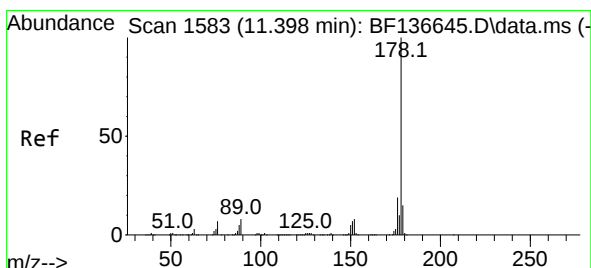
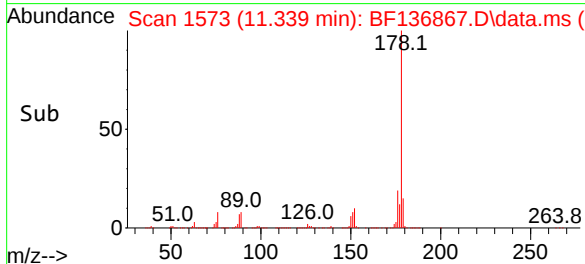
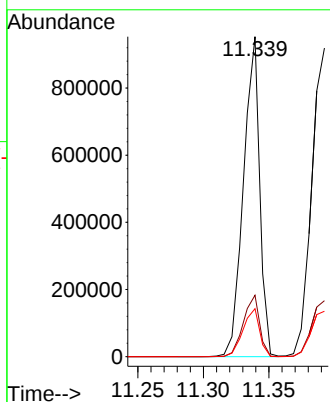
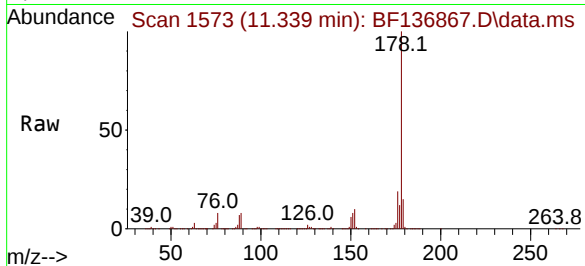
PB158147BS

Tgt Ion:178 Resp: 821904
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.0 11.9 17.9

Manual Integrations

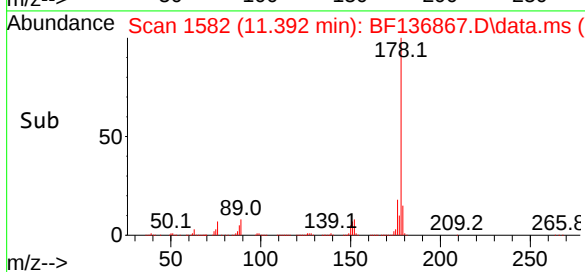
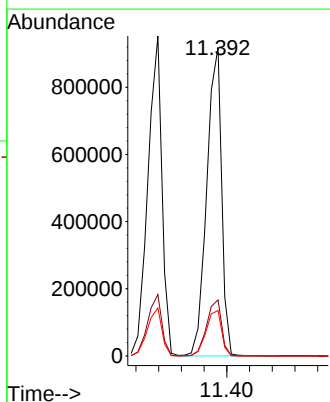
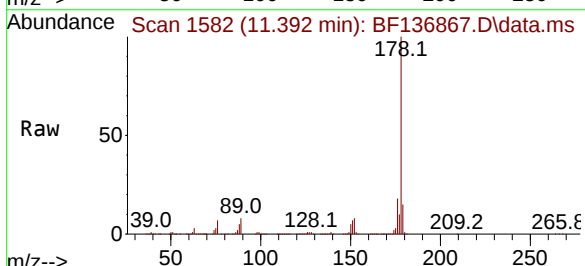
APPROVED

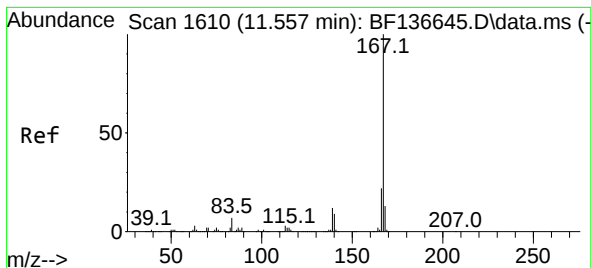
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#72
Anthracene
Concen: 40.160 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Tgt Ion:178 Resp: 831298
Ion Ratio Lower Upper
178 100
176 18.2 14.9 22.3
179 14.7 11.8 17.6





#73

Carbazole

Concen: 39.348 ng

RT: 11.551 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB158147BS

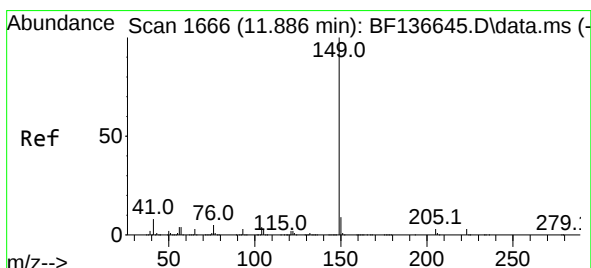
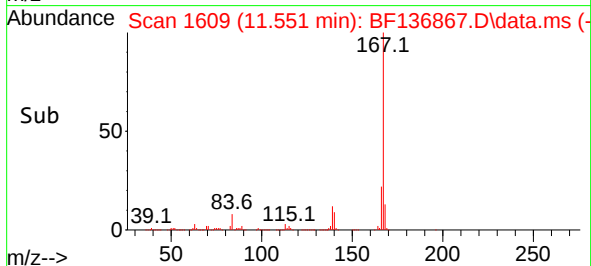
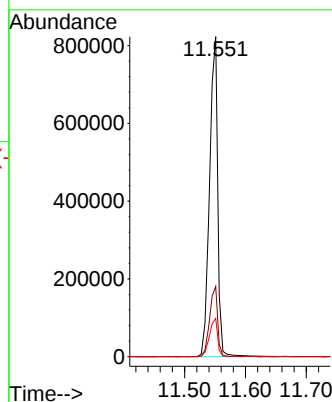
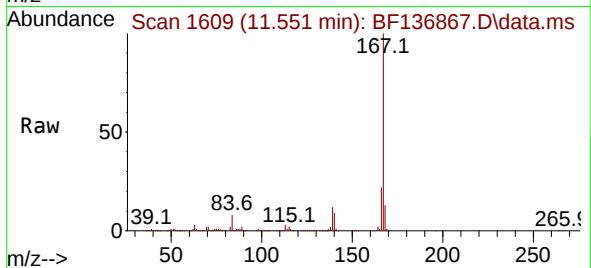
Tgt Ion:167	Resp: 767920
Ion Ratio	Lower Upper
167 100	
166 22.0	17.3 25.9
139 12.0	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#74

Di-n-butylphthalate

Concen: 40.341 ng

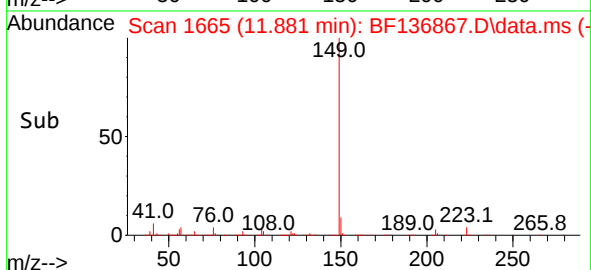
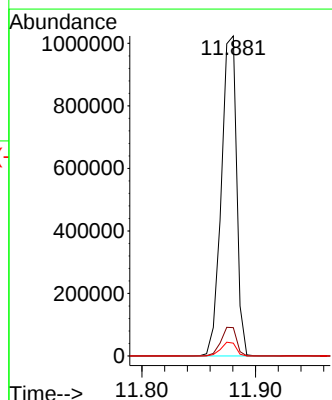
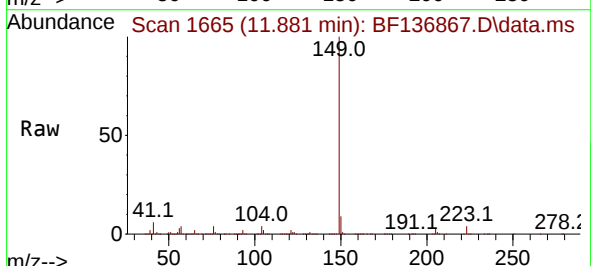
RT: 11.881 min Scan# 1665

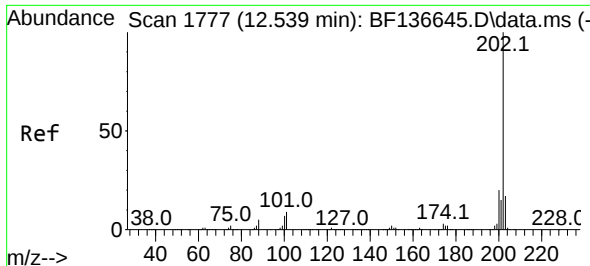
Delta R.T. -0.006 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

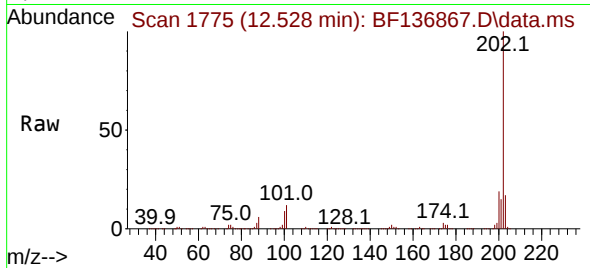
Tgt Ion:149	Resp: 960695
Ion Ratio	Lower Upper
149 100	
150 8.9	7.4 11.2
104 4.0	3.6 5.4





#75
Fluoranthene
Concen: 38.695 ng
RT: 12.528 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

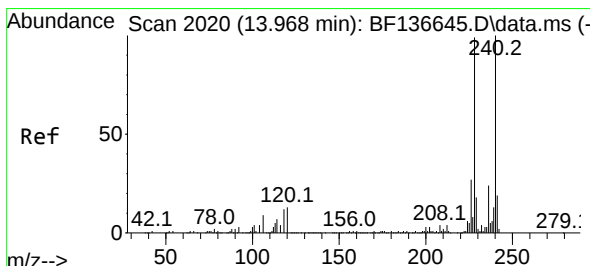
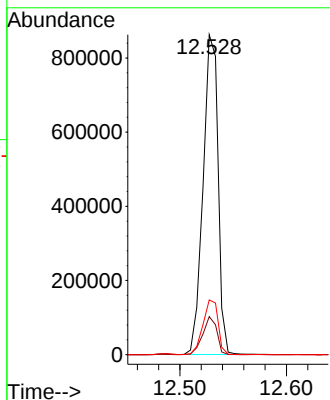
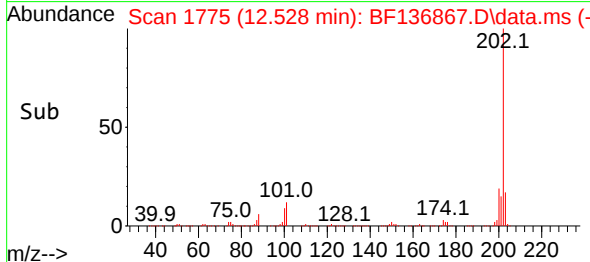
Instrument :
BNA_F
ClientSampleId :
PB158147BS



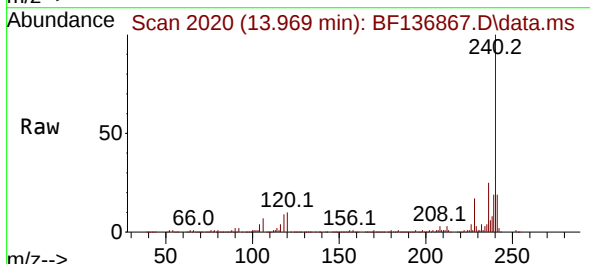
Tgt Ion:202 Resp: 84599
Ion Ratio Lower Upper
202 100
101 11.9 0.0 29.3
203 17.1 0.0 37.1

Manual Integrations
APPROVED

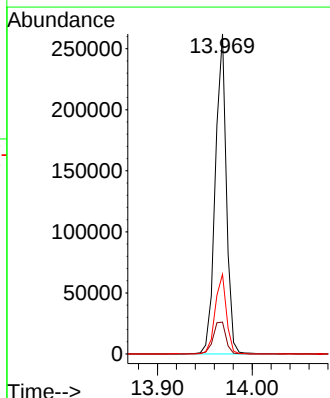
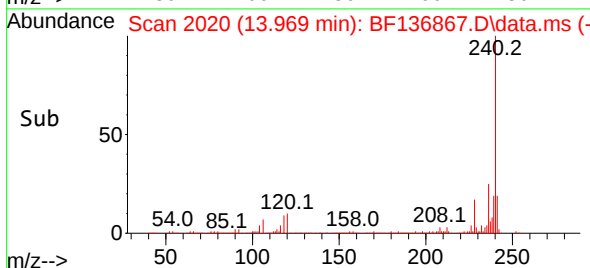
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024

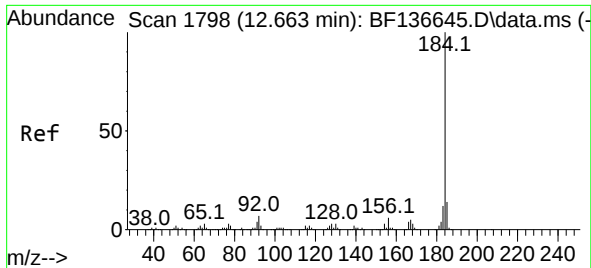


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54



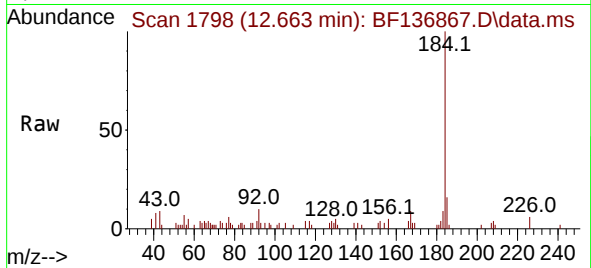
Tgt Ion:240 Resp: 212413
Ion Ratio Lower Upper
240 100
120 9.9 10.3 15.5#
236 24.9 19.4 29.2





#77
Benzidine
Concen: 2.958 ng
RT: 12.663 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

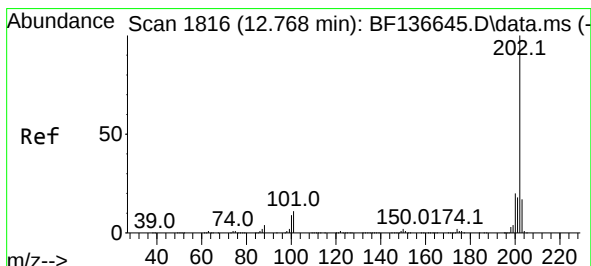
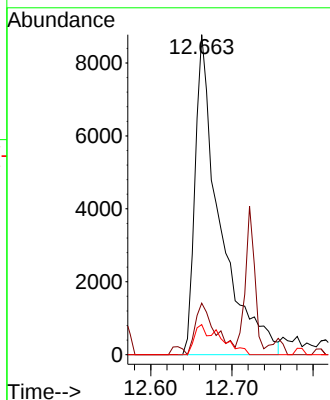
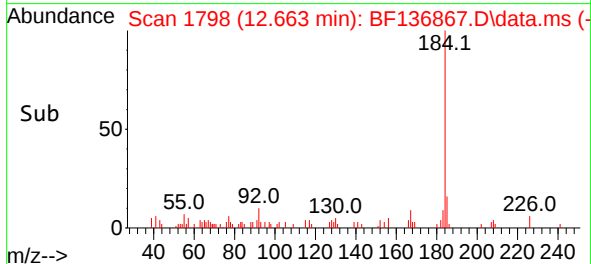
Instrument :
BNA_F
ClientSampleId :
PB158147BS



Tgt Ion:184 Resp: 1852
Ion Ratio Lower Upper
184 100
185 16.1 11.2 16.8
183 9.4 9.3 13.9

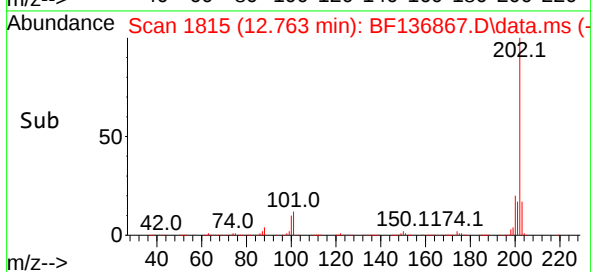
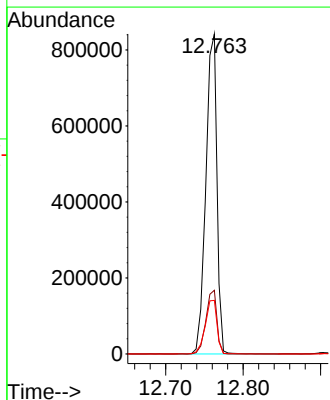
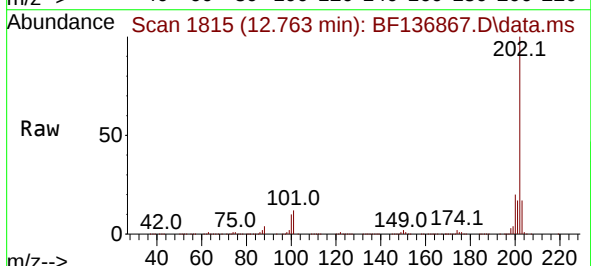
Manual Integrations
APPROVED

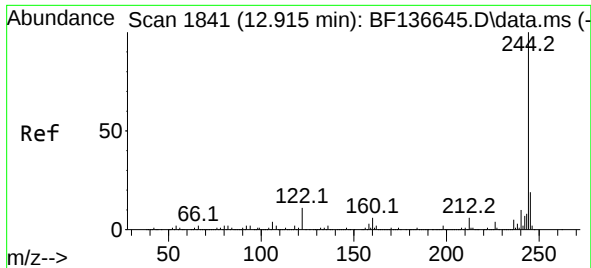
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024



#78
Pyrene
Concen: 39.975 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Tgt Ion:202 Resp: 833565
Ion Ratio Lower Upper
202 100
200 19.9 15.9 23.9
203 16.8 13.8 20.6





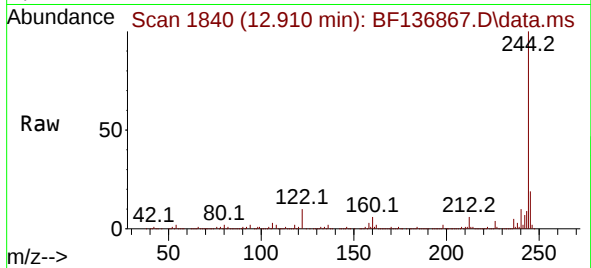
#79
 Terphenyl-d14
 Concen: 75.293 ng
 RT: 12.910 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136867.D
 Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB158147BS



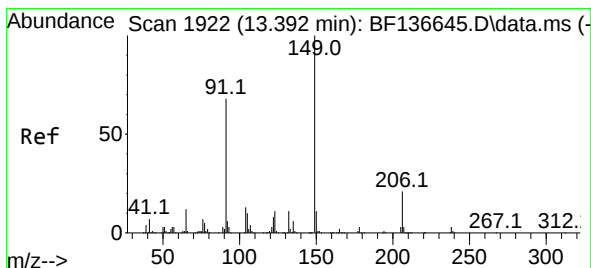
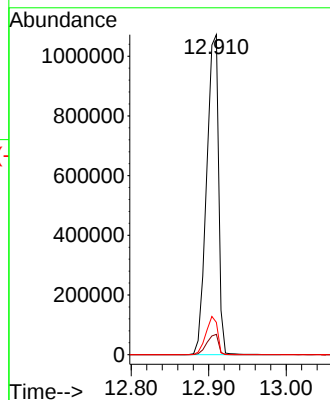
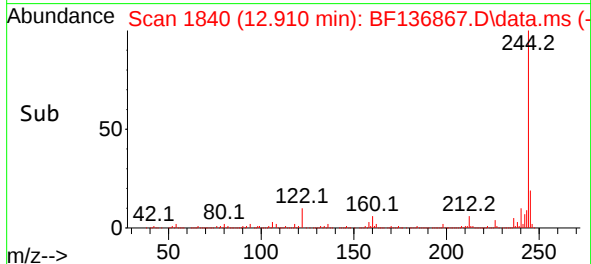
Tgt Ion:244 Resp: 1144444
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 10.1 9.0 13.4

Manual Integrations

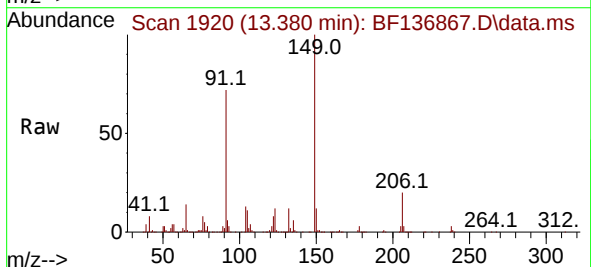
APPROVED

Reviewed By :Yogesh Patel 01/03/2024

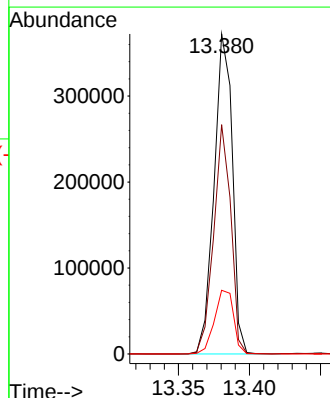
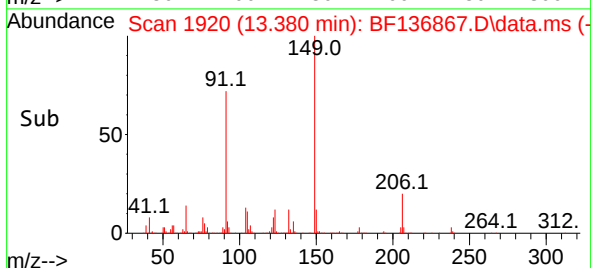
Supervised By :mohammad ahmed 01/03/2024

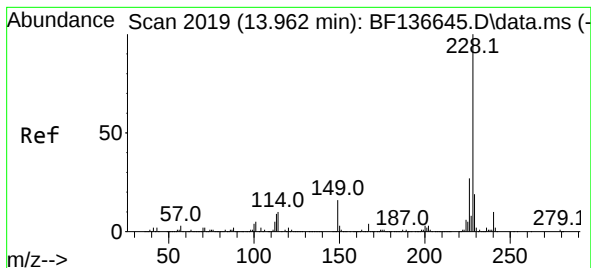


#80
 Butylbenzylphthalate
 Concen: 43.872 ng
 RT: 13.380 min Scan# 1920
 Delta R.T. -0.011 min
 Lab File: BF136867.D
 Acq: 02 Jan 2024 12:54



Tgt Ion:149 Resp: 332871
 Ion Ratio Lower Upper
 149 100
 91 71.7 54.1 81.1
 206 19.9 17.1 25.7





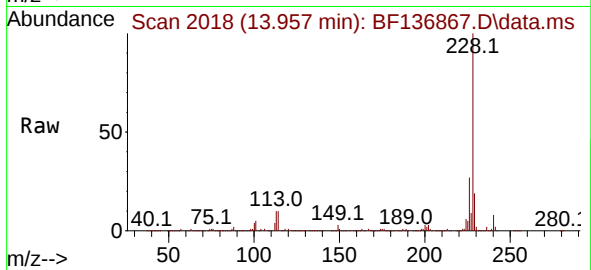
#81
Benzo(a)anthracene
Concen: 40.738 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB158147BS

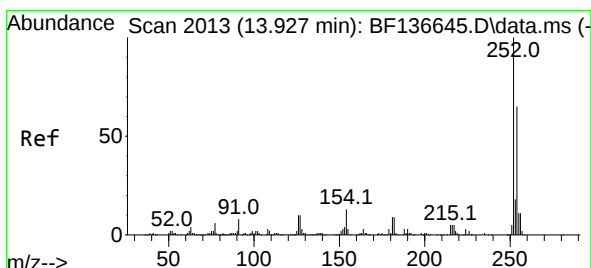
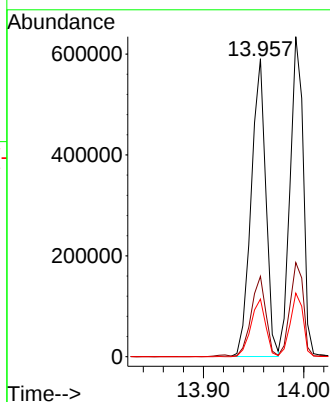
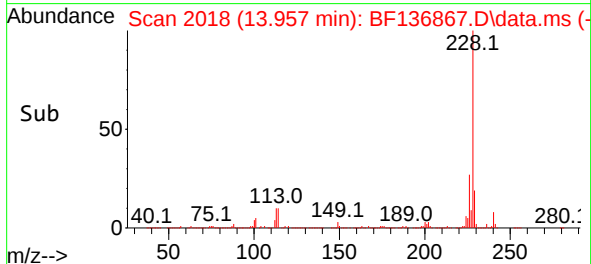


Tgt Ion:228 Resp: 60087
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.0
229 19.3 14.9 22.3

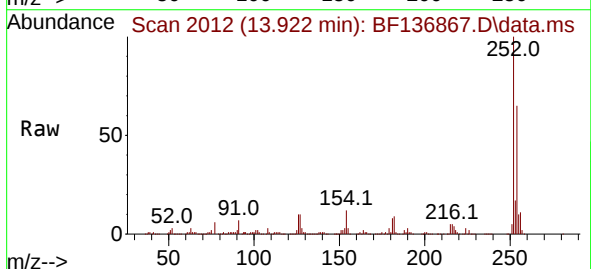
Manual Integrations

APPROVED

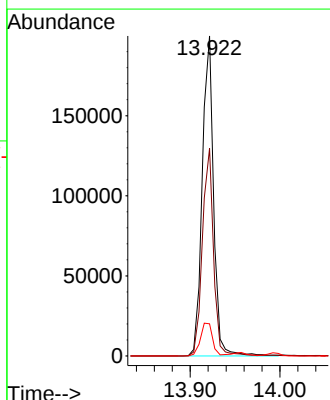
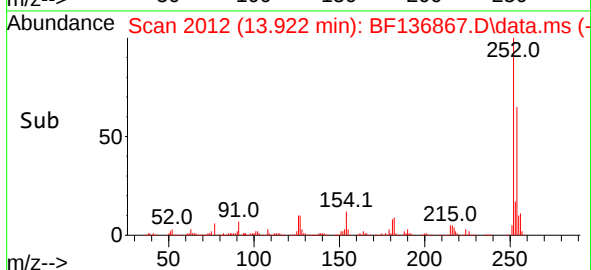
Reviewed By :Yogesh Patel 01/03/2024
Supervised By :mohammad ahmed 01/03/2024

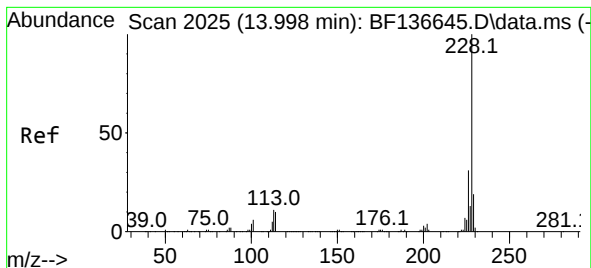


#82
3,3'-Dichlorobenzidine
Concen: 41.909 ng
RT: 13.922 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54



Tgt Ion:252 Resp: 175547
Ion Ratio Lower Upper
252 100
254 64.9 52.2 78.4
126 10.0 8.0 12.0





#83

Chrysene

Concen: 39.940 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB158147BS

Tgt Ion:228 Resp: 576079

Ion Ratio Lower Upper

228 100

226 29.4 24.7 37.1

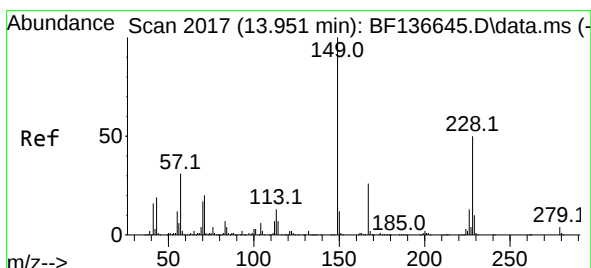
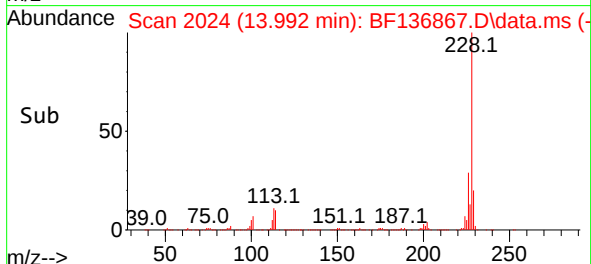
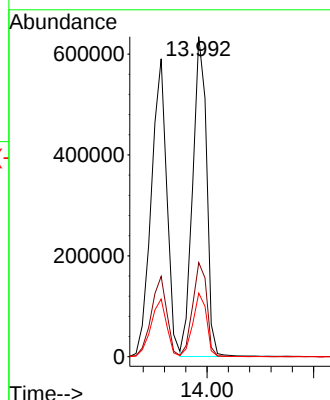
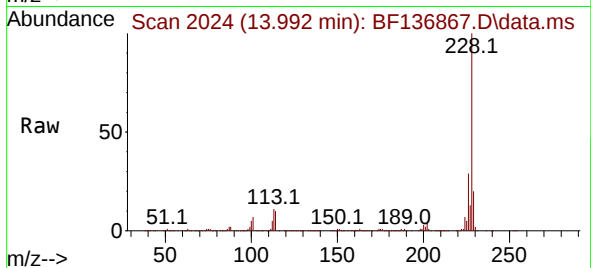
229 19.9 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.354 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

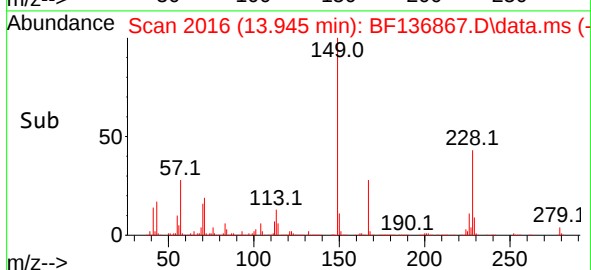
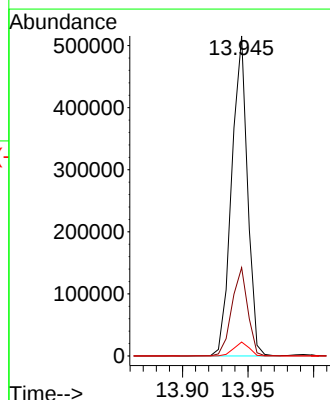
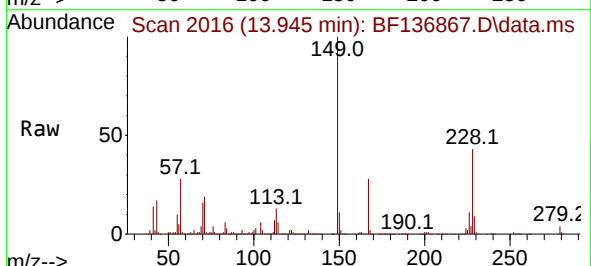
Tgt Ion:149 Resp: 432966

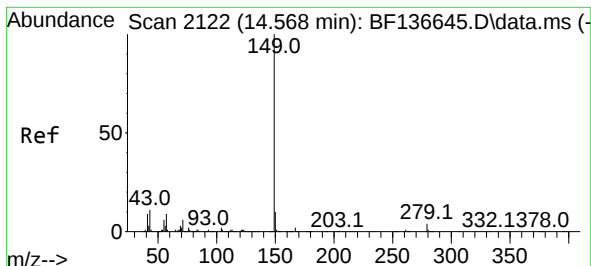
Ion Ratio Lower Upper

149 100

167 27.6 20.9 31.3

279 4.3 2.9 4.3#





#85

Di-n-octyl phthalate

Concen: 47.337 ng

RT: 14.563 min Scan# 2122

Delta R.T. -0.006 min

Lab File: BF136867.D

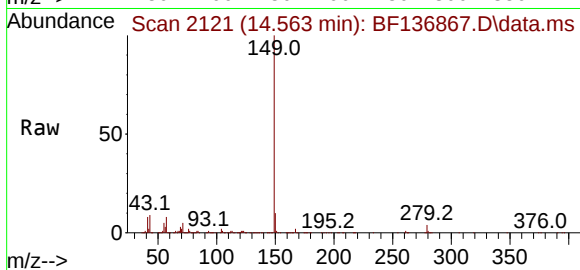
Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB158147BS



Tgt Ion:149 Resp: 699012

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

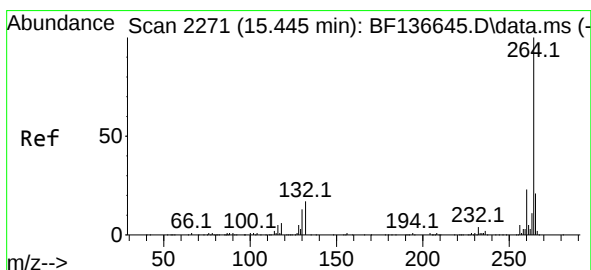
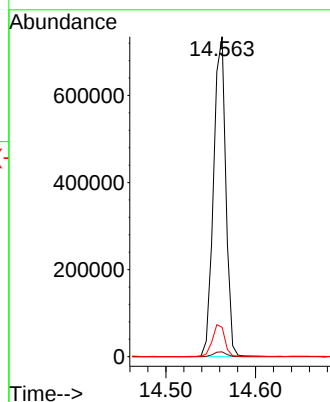
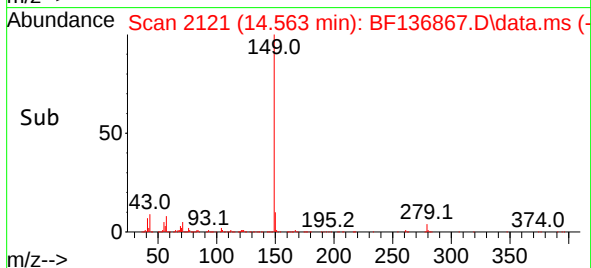
43 10.2 8.9 13.3

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: BF136867.D

Acq: 02 Jan 2024 12:54

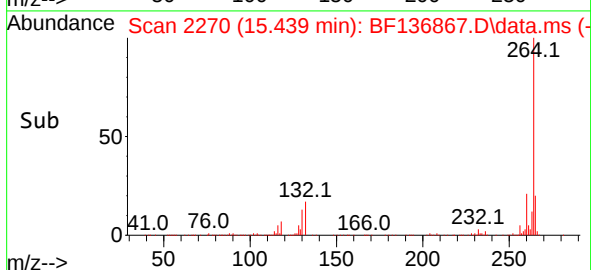
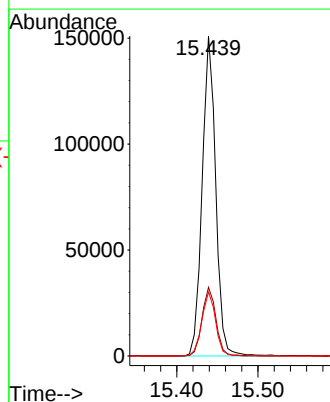
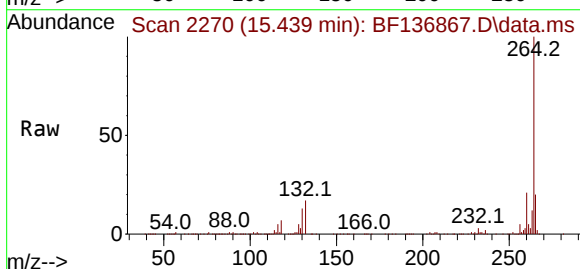
Tgt Ion:264 Resp: 174669

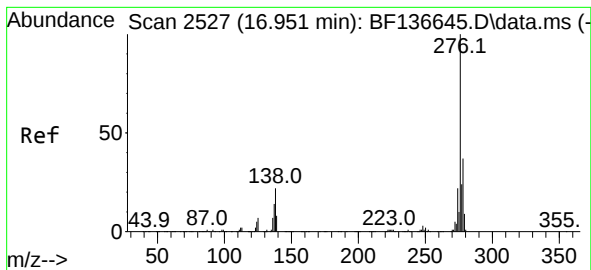
Ion Ratio Lower Upper

264 100

260 21.5 18.3 27.5

265 20.0 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.271 ng

RT: 16.957 min Scan# 2197

Delta R.T. 0.006 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB158147BS

Tgt Ion:276 Resp: 608750

Ion Ratio Lower Upper

276 100

138 23.9 18.7 28.1

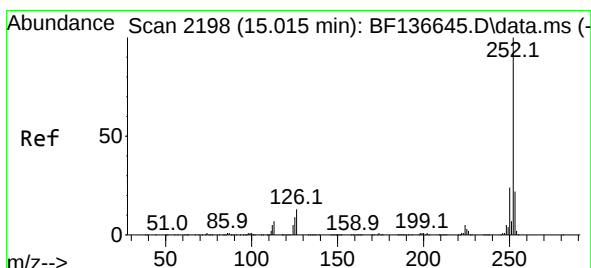
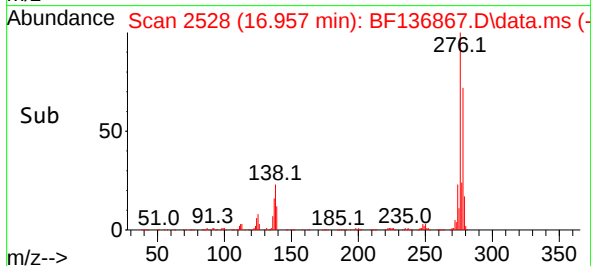
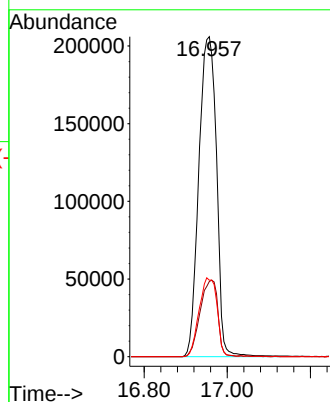
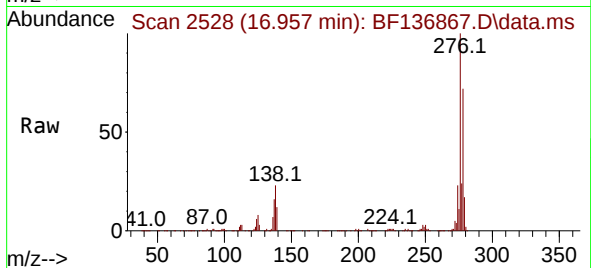
277 25.0 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#88

Benzo(b)fluoranthene

Concen: 48.302 ng

RT: 15.010 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

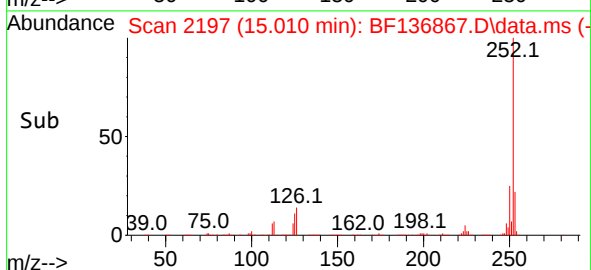
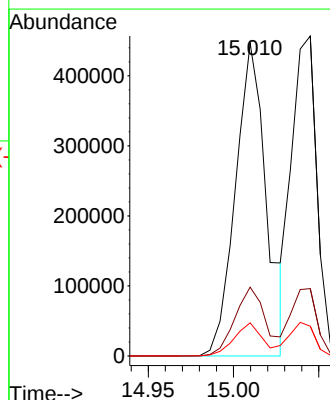
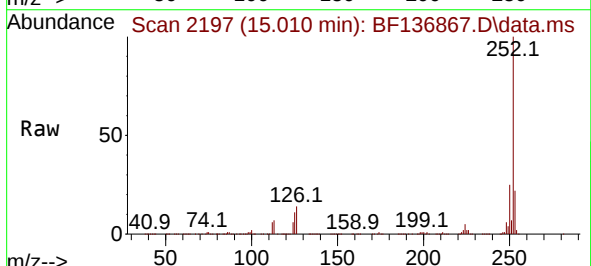
Tgt Ion:252 Resp: 563502

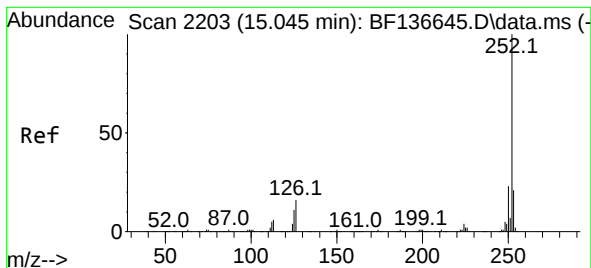
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 10.6 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 43.014 ng

RT: 15.045 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB158147BS

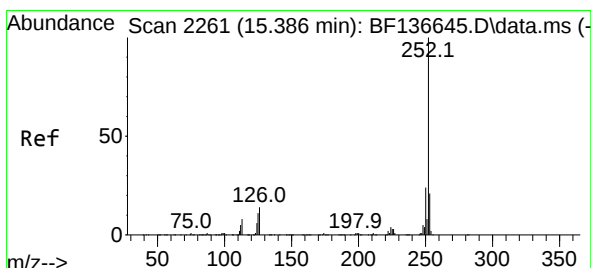
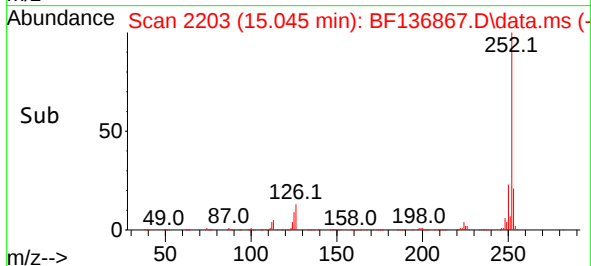
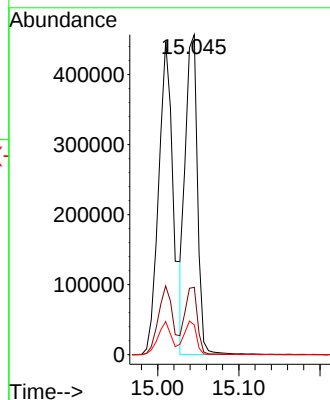
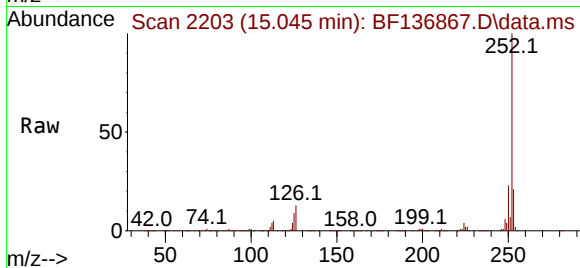
Tgt Ion:252 Resp: 47417
 Ion Ratio Lower Upper
 252 100
 253 21.1 17.0 25.6
 125 9.3 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#90

Benzo(a)pyrene

Concen: 46.761 ng

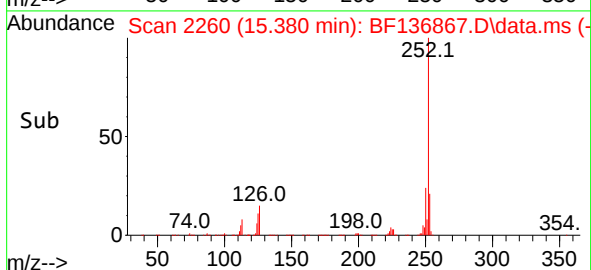
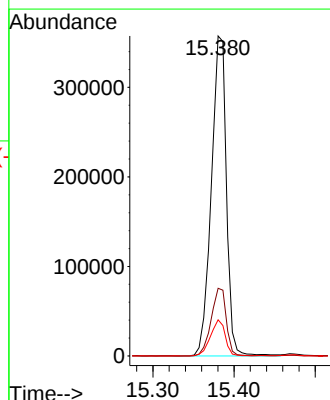
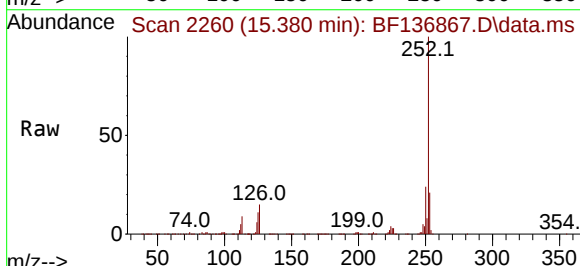
RT: 15.380 min Scan# 2260

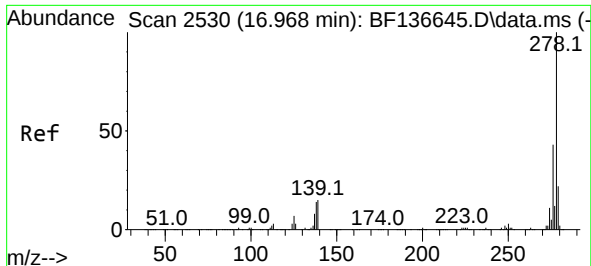
Delta R.T. -0.006 min

Lab File: BF136867.D

Acq: 02 Jan 2024 12:54

Tgt Ion:252 Resp: 460482
 Ion Ratio Lower Upper
 252 100
 253 21.2 17.0 25.6
 125 11.3 8.8 13.2





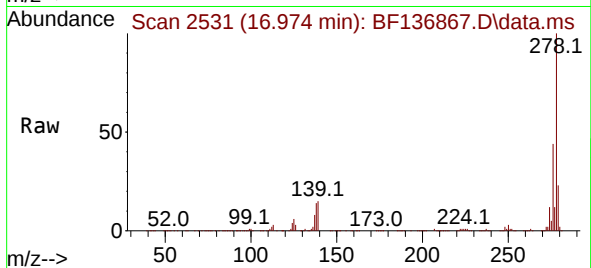
#91
Dibenzo(a,h)anthracene
Concen: 49.460 ng
RT: 16.974 min Scan# 2531
Delta R.T. 0.006 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Instrument :

BNA_F

ClientSampleId :

PB158147BS



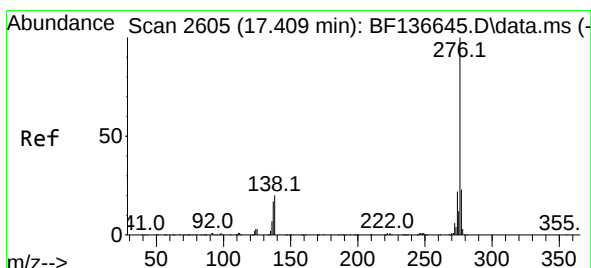
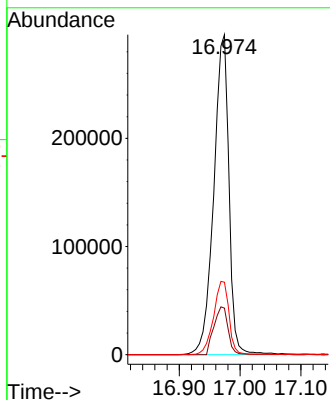
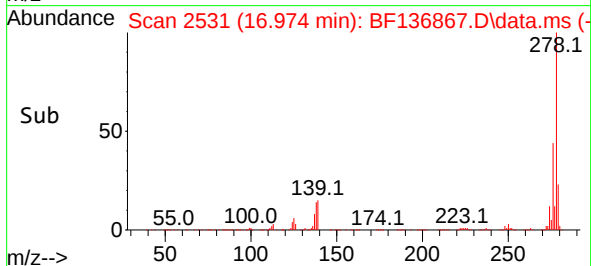
Tgt Ion:278 Resp: 51172
Ion Ratio Lower Upper
278 100
139 14.5 12.2 18.4
279 22.7 17.8 26.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :mohammad ahmed 01/03/2024



#92
Benzo(g,h,i)perylene
Concen: 48.049 ng
RT: 17.410 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF136867.D
Acq: 02 Jan 2024 12:54

Tgt Ion:276 Resp: 509169
Ion Ratio Lower Upper
276 100
277 22.8 18.3 27.5
138 20.1 15.6 23.4

