

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136205.D
 Acq On : 25 Nov 2023 05:36
 Operator : CG\JU
 Sample : PB157207BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157207BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2023
 Supervised By :mohammad ahmed 11/27/2023

Quant Time: Nov 27 02:17:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 23:44:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	132132	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	568157	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	288287	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	541449	20.000	ng	0.00
76) Chrysene-d12	13.986	240	261209	20.000	ng	0.00
86) Perylene-d12	15.463	264	283788	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1174300	141.508	ng	0.02
7) Phenol-d6	6.446	99	1414508	138.521	ng	0.00
23) Nitrobenzene-d5	7.375	82	888180	87.235	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	440574	145.917	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1845675	94.637	ng	0.00
79) Terphenyl-d14	12.927	244	2005237	108.970	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	121161	36.460	ng	96
3) Pyridine	3.399	79	300621	33.668	ng	97
4) n-Nitrosodimethylamine	3.363	42	186537	45.546	ng	94
6) Aniline	6.475	93	407898	31.516	ng	98
8) 2-Chlorophenol	6.593	128	443684	49.666	ng	98
9) Benzaldehyde	6.357	77	54050	9.155	ng	95
10) Phenol	6.457	94	556920	49.939	ng	95
11) bis(2-Chloroethyl)ether	6.551	93	400586	48.874	ng	98
12) 1,3-Dichlorobenzene	6.751	146	480445	50.985	ng	96
13) 1,4-Dichlorobenzene	6.828	146	484167	51.241	ng	95
14) 1,2-Dichlorobenzene	6.975	146	456162	51.362	ng	94
15) Benzyl Alcohol	6.951	79	308924m	40.449	ng	
16) 2,2'-oxybis(1-Chloropr...	7.087	45	556797	52.000	ng	98
17) 2-Methylphenol	7.063	107	360881	48.417	ng	94
18) Hexachloroethane	7.316	117	169868	49.262	ng	98
19) n-Nitroso-di-n-propyla...	7.222	70	310456	52.668	ng	# 93
20) 3+4-Methylphenols	7.216	107	459505	49.399	ng	92
22) Acetophenone	7.216	105	658159	50.174	ng	# 88
24) Nitrobenzene	7.393	77	452770	45.695	ng	99
25) Isophorone	7.628	82	837885	47.687	ng	96
26) 2-Nitrophenol	7.704	139	208975	43.515	ng	98
27) 2,4-Dimethylphenol	7.740	122	331104	41.046	ng	92
28) bis(2-Chloroethoxy)met...	7.840	93	505568	47.711	ng	93
29) 2,4-Dichlorophenol	7.945	162	365911	46.522	ng	95
30) 1,2,4-Trichlorobenzene	8.028	180	419285	47.877	ng	94
31) Naphthalene	8.110	128	1349180	48.206	ng	97
32) Benzoic acid	7.869	122	220810	38.188	ng	96
33) 4-Chloroaniline	8.157	127	145808	12.560	ng	98
34) Hexachlorobutadiene	8.228	225	235849	44.301	ng	97
35) Caprolactam	8.528	113	118945m	52.230	ng	
36) 4-Chloro-3-methylphenol	8.645	107	387911	46.974	ng	97
37) 2-Methylnaphthalene	8.798	142	828206	44.135	ng	90
38) 1-Methylnaphthalene	8.898	142	799181	45.903	ng	89
40) 1,2,4,5-Tetrachloroben...	8.963	216	401900	46.516	ng	98
41) Hexachlorocyclopentadiene	8.951	237	489517	109.870	ng	98
43) 2,4,6-Trichlorophenol	9.081	196	228878	42.306	ng	95

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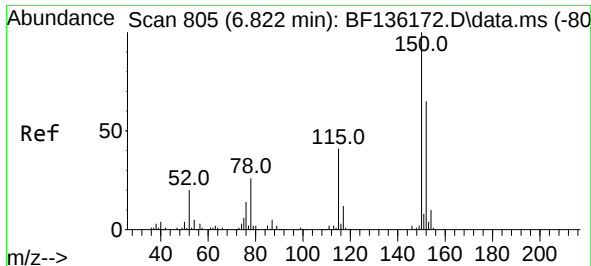
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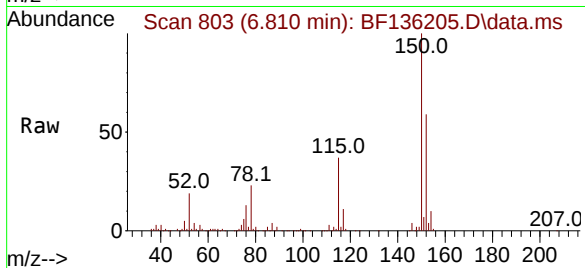
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	295152	47.357	ng	97
46) 1,1'-Biphenyl	9.269	154	1116939	49.375	ng	95
47) 2-Chloronaphthalene	9.292	162	839641	50.780	ng	93
48) 2-Nitroaniline	9.386	65	238847	47.378	ng	84
49) Acenaphthylene	9.704	152	1341753	52.571	ng	97
50) Dimethylphthalate	9.575	163	976940	50.156	ng	97
51) 2,6-Dinitrotoluene	9.634	165	194403	45.995	ng	95
52) Acenaphthene	9.881	154	762850	44.875	ng	89
53) 3-Nitroaniline	9.798	138	116527	25.858	ng	96
54) 2,4-Dinitrophenol	9.910	184	201984	96.657	ng	# 86
55) Dibenzofuran	10.051	168	1188733	50.295	ng	98
56) 4-Nitrophenol	9.963	139	296262	98.931	ng	97
57) 2,4-Dinitrotoluene	10.039	165	268932	50.098	ng	98
58) Fluorene	10.392	166	917619	51.154	ng	93
59) 2,3,4,6-Tetrachlorophenol	10.169	232	240988	51.018	ng	98
60) Diethylphthalate	10.275	149	960286	49.142	ng	95
61) 4-Chlorophenyl-phenyle...	10.386	204	432154	47.391	ng	98
62) 4-Nitroaniline	10.416	138	192728	46.926	ng	92
63) Azobenzene	10.551	77	893136	52.238	ng	93
65) 4,6-Dinitro-2-methylph...	10.445	198	127525	41.613	ng	88
66) n-Nitrosodiphenylamine	10.510	169	790119	45.997	ng	94
67) 4-Bromophenyl-phenylether	10.881	248	272996	45.271	ng	93
68) Hexachlorobenzene	10.939	284	314544	49.131	ng	96
69) Atrazine	11.039	200	262445	60.307	ng	93
70) Pentachlorophenol	11.139	266	334563	93.435	ng	97
71) Phenanthrene	11.363	178	1393980m	50.276	ng	
72) Anthracene	11.410	178	1412272	49.899	ng	96
73) Carbazole	11.569	167	1167776	51.492	ng	97
74) Di-n-butylphthalate	11.904	149	1480968	55.200	ng	# 96
75) Fluoranthene	12.551	202	1294238	51.114	ng	97
77) Benzidine	12.675	184	248686	54.982	ng	98
78) Pyrene	12.780	202	1294244	52.986	ng	95
80) Butylbenzylphthalate	13.410	149	425149	54.623	ng	96
81) Benzo(a)anthracene	13.974	228	907694	52.390	ng	96
82) 3,3'-Dichlorobenzidine	13.939	252	173883	31.263	ng	95
83) Chrysene	14.010	228	857930	50.615	ng	97
84) Bis(2-ethylhexyl)phtha...	13.974	149	533818	56.823	ng	97
85) Di-n-octyl phthalate	14.592	149	849656	54.019	ng	98
87) Indeno(1,2,3-cd)pyrene	16.974	276	981147	47.186	ng	98
88) Benzo(b)fluoranthene	15.027	252	858673	54.804	ng	96
89) Benzo(k)fluoranthene	15.063	252	768336	48.697	ng	97
90) Benzo(a)pyrene	15.398	252	737990	47.755	ng	97
91) Dibenzo(a,h)anthracene	16.998	278	800645	46.462	ng	97
92) Benzo(g,h,i)perylene	17.433	276	760089	43.505	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

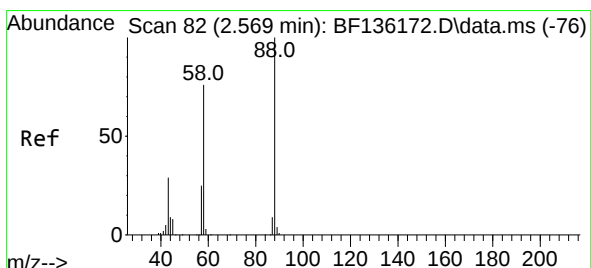
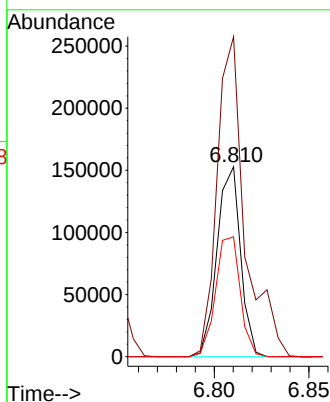
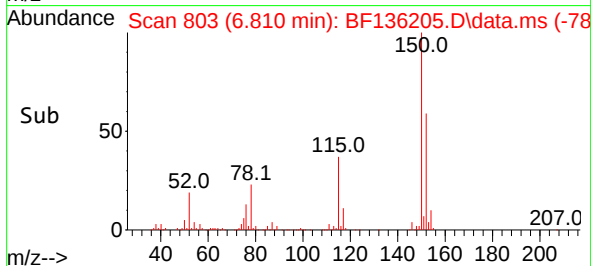
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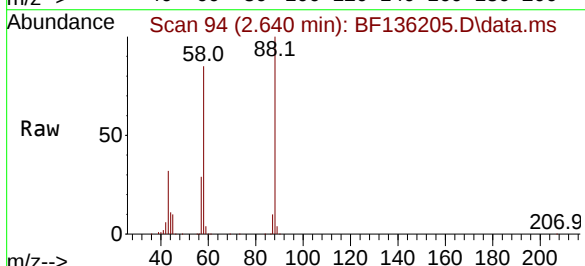
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Ion Ratio Lower Upper
152 100
150 168.6 123.1 184.7
115 63.1 50.5 75.7

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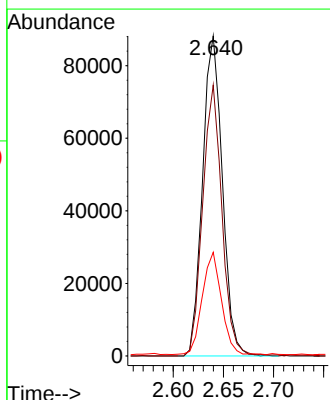
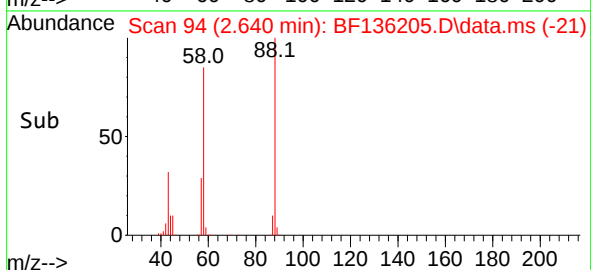
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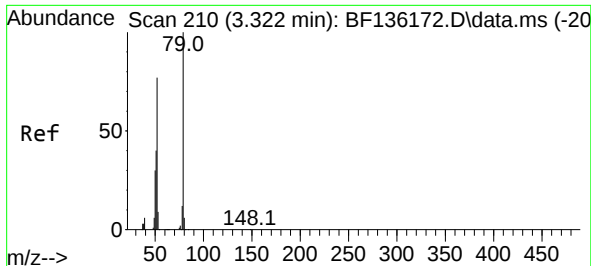


#2
1,4-Dioxane
Concen: 36.460 ng
RT: 2.640 min Scan# 94
Delta R.T. 0.082 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36



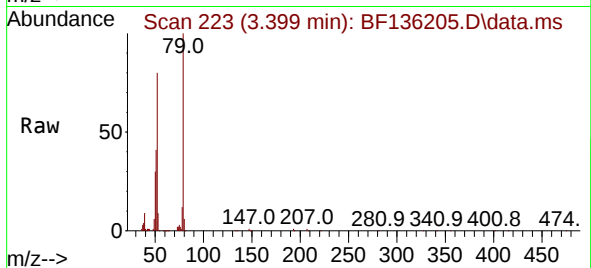
Tgt Ion: 88 Resp: 121161
Ion Ratio Lower Upper
88 100
58 82.6 62.8 94.2
43 31.0 23.9 35.9





#3
Pyridine
Concen: 33.668 ng
RT: 3.399 min Scan# 210
Delta R.T. 0.076 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

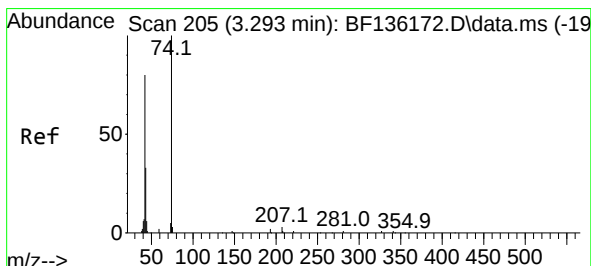
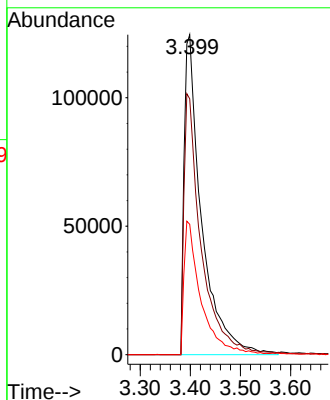
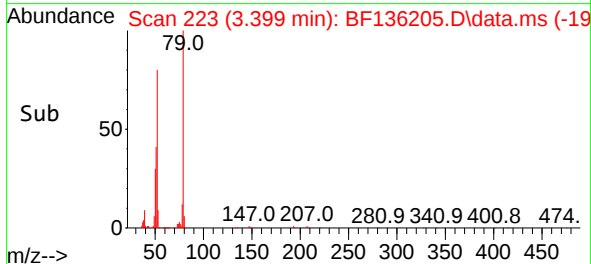
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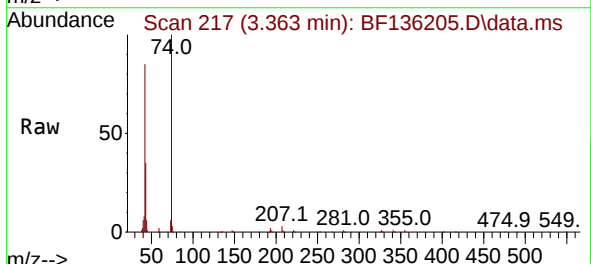
Tgt Ion: 79 Resp: 30062
Ion Ratio Lower Upper
79 100
52 79.9 61.8 92.6
51 40.7 31.6 47.4

Manual Integrations
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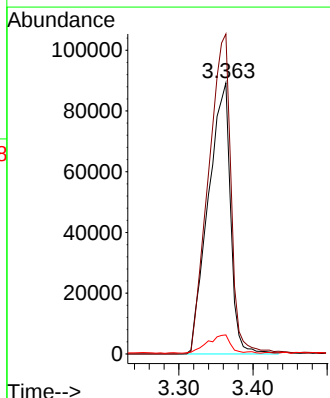
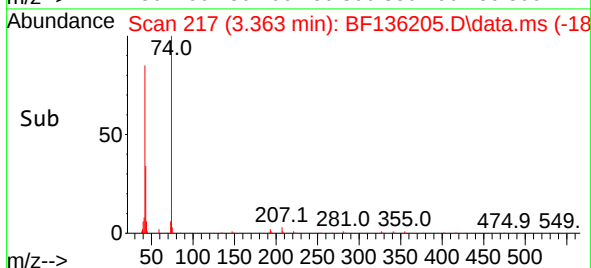
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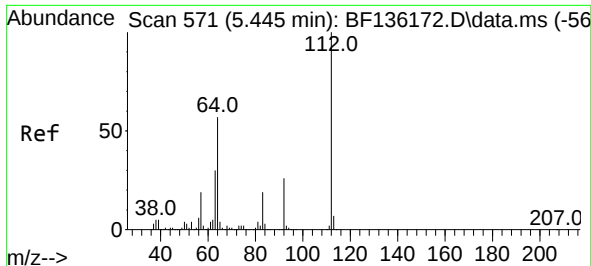


#4
n-Nitrosodimethylamine
Concen: 45.546 ng
RT: 3.363 min Scan# 217
Delta R.T. 0.082 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36



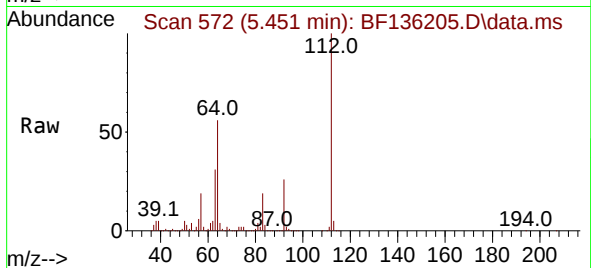
Tgt Ion: 42 Resp: 186537
Ion Ratio Lower Upper
42 100
74 118.1 100.2 150.2
44 7.0 5.6 8.4





#5
2-Fluorophenol
Concen: 141.508 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

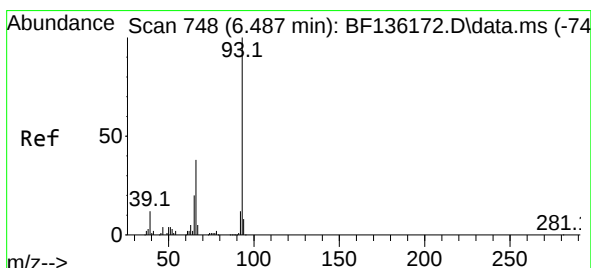
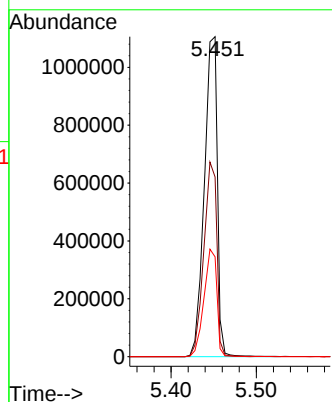
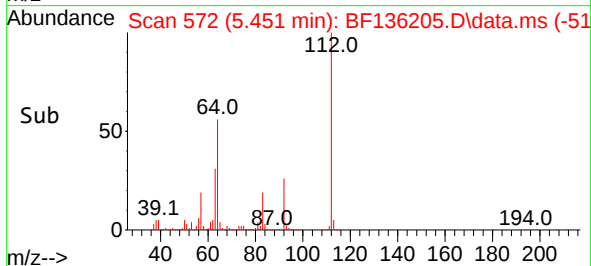
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Tgt Ion:112 Resp: 1174300
Ion Ratio Lower Upper
112 100
64 56.2 45.4 68.0
63 31.2 24.4 36.6

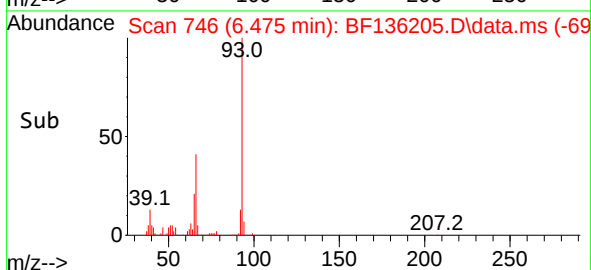
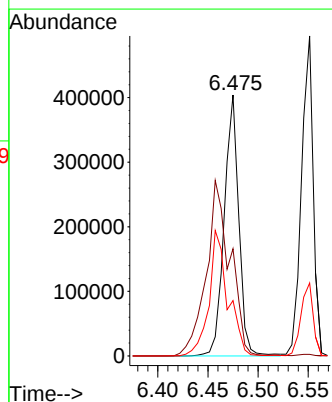
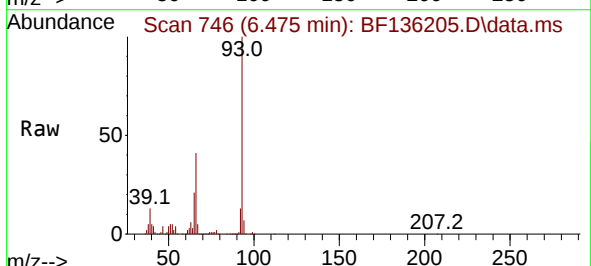
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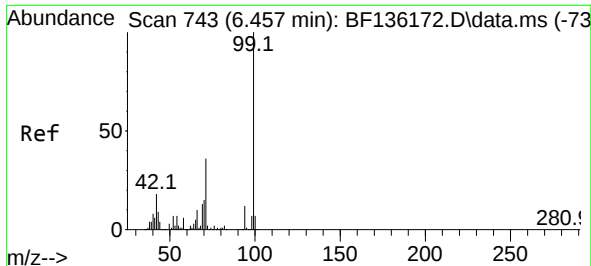
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/27/2023



#6
Aniline
Concen: 31.516 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.000 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

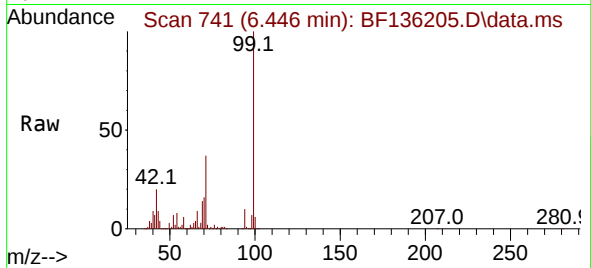
Tgt Ion: 93 Resp: 407898
Ion Ratio Lower Upper
93 100
66 41.1 31.7 47.5
65 21.2 16.1 24.1





#7
Phenol-d6
Concen: 138.521 ng
RT: 6.446 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

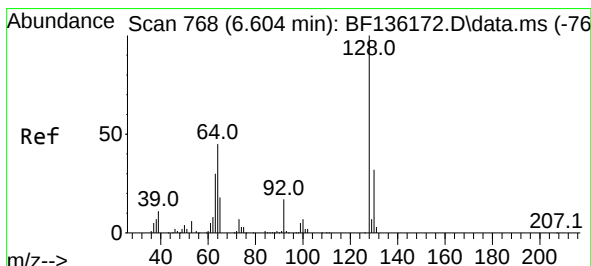
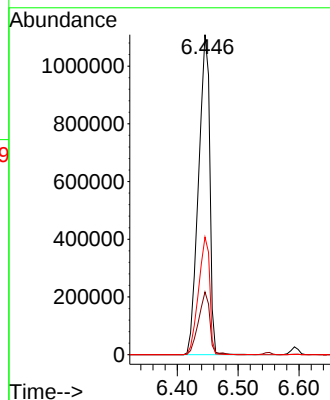
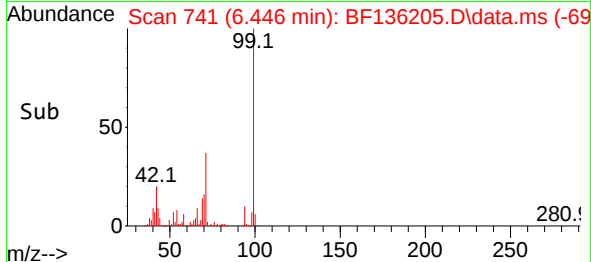
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Tgt Ion: 99 Resp: 1414508
Ion Ratio Lower Upper
99 100
42 19.6 14.1 21.1
71 36.8 29.0 43.4

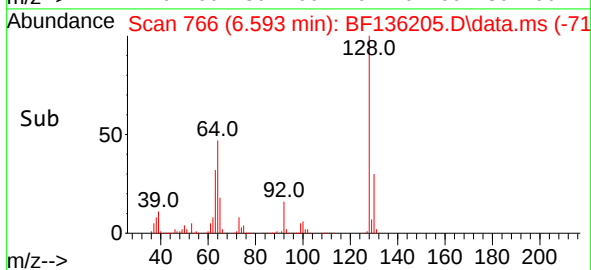
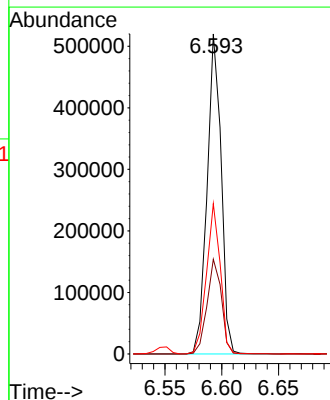
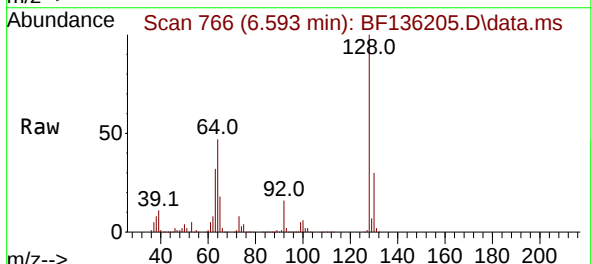
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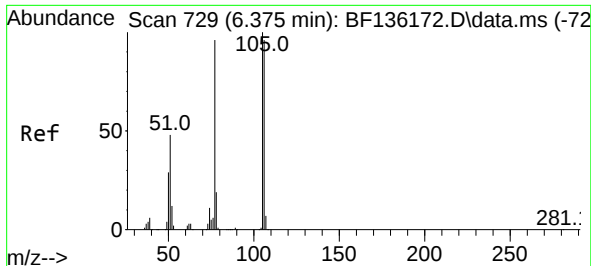
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/27/2023



#8
2-Chlorophenol
Concen: 49.666 ng
RT: 6.593 min Scan# 766
Delta R.T. -0.006 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

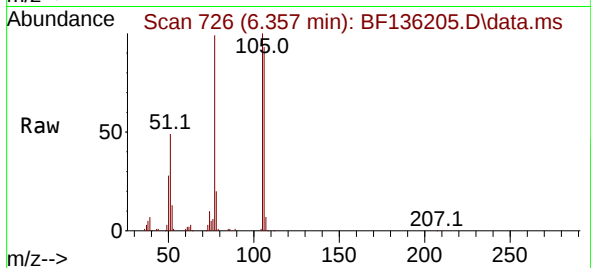
Tgt Ion:128 Resp: 443684
Ion Ratio Lower Upper
128 100
130 29.6 12.2 52.2
64 47.0 26.5 66.5





#9
Benzaldehyde
Concen: 9.155 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

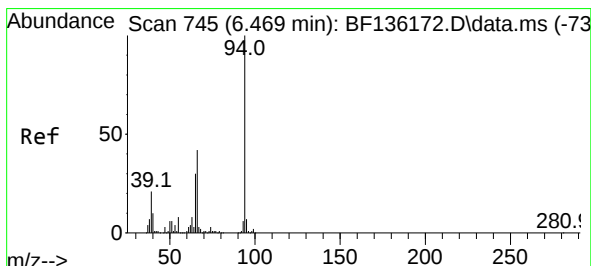
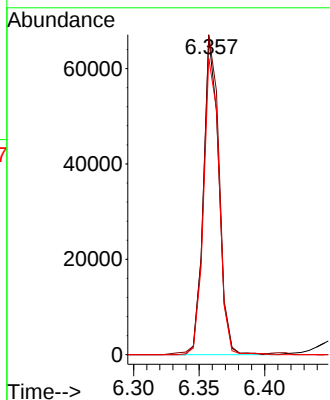
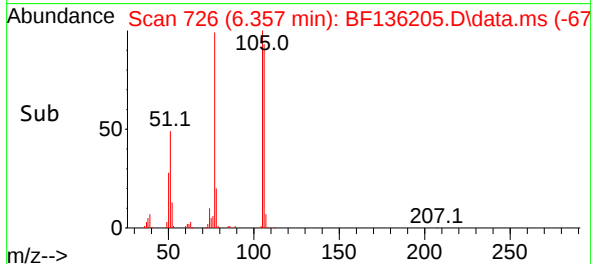
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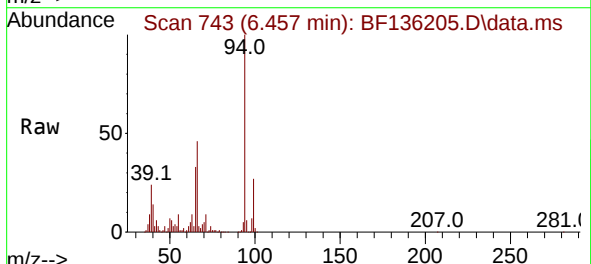
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Ion Ratio Lower Upper
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105 100.8 83.8 123.8
106 93.3 79.8 119.8

Manual Integrations
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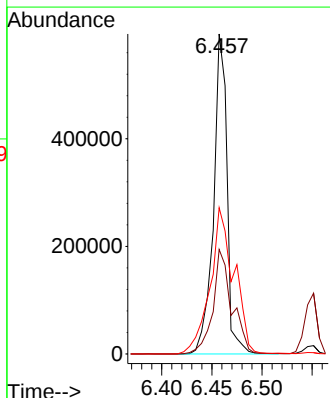
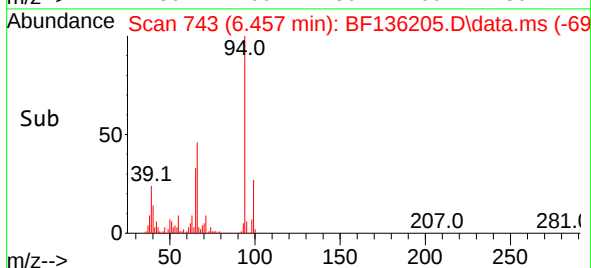
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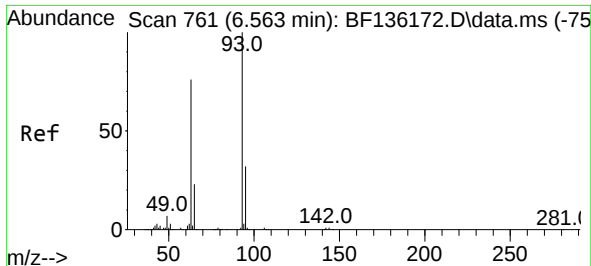


#10
Phenol
Concen: 49.939 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36



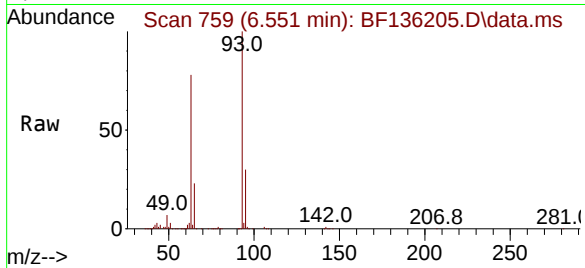
Tgt Ion: 94 Resp: 556920
Ion Ratio Lower Upper
94 100
65 32.7 9.7 49.7
66 45.7 22.5 62.5





#11
bis(2-Chloroethyl)ether
Concen: 48.874 ng
RT: 6.551 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

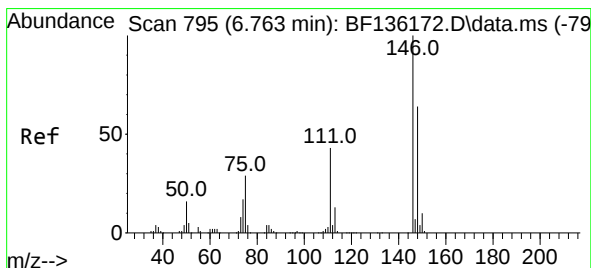
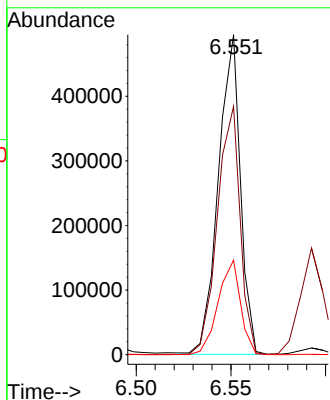
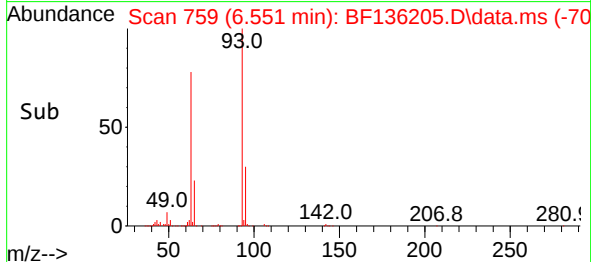
Instrument :
BNA_F
ClientSampleId :
PB157207BS



Tgt Ion: 93 Resp: 400580
Ion Ratio Lower Upper
93 100
63 77.6 56.3 96.3
95 29.6 12.1 52.1

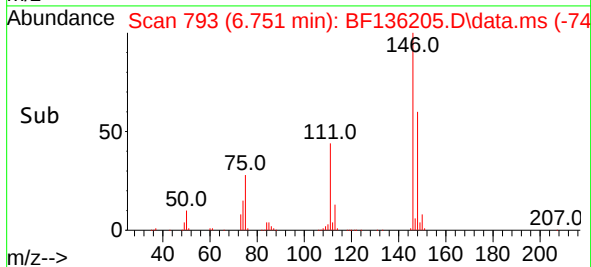
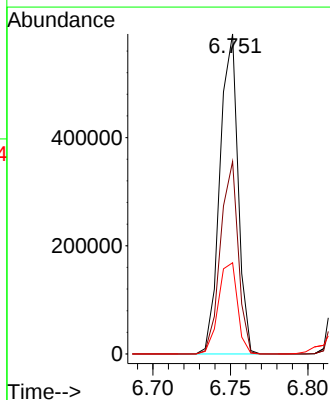
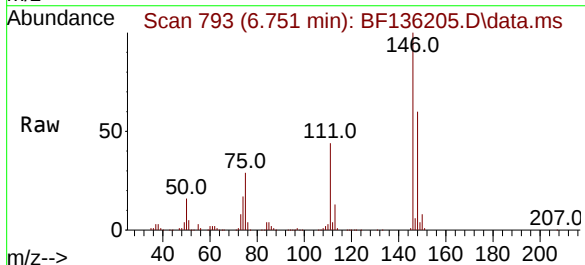
Manual Integrations
APPROVED

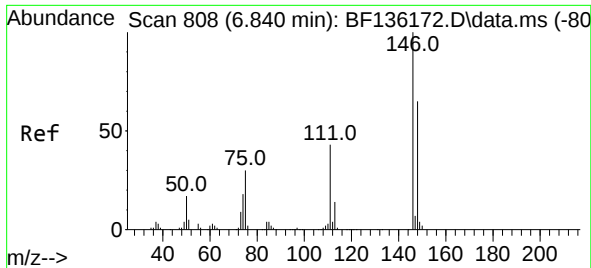
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/27/2023



#12
1,3-Dichlorobenzene
Concen: 50.985 ng
RT: 6.751 min Scan# 793
Delta R.T. -0.000 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

Tgt Ion:146 Resp: 480445
Ion Ratio Lower Upper
146 100
148 60.1 51.2 76.8
75 28.5 23.4 35.2





#13

1,4-Dichlorobenzene

Concen: 51.241 ng

RT: 6.828 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF136205.D

Acq: 25 Nov 2023 05:36

Instrument :

BNA_F

ClientSampleId :

PB157207BS

Tgt Ion:146 Resp: 48416

Ion Ratio Lower Upper

146 100

148 59.6 51.8 77.8

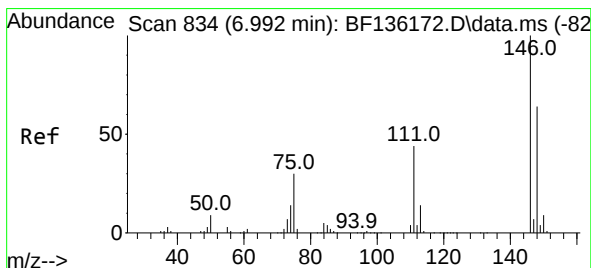
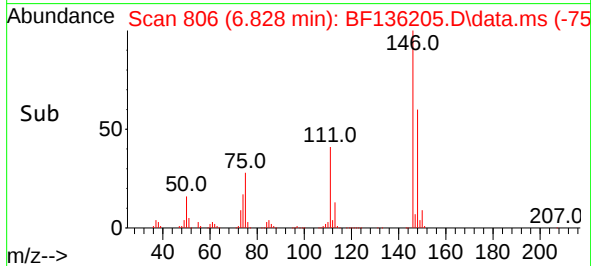
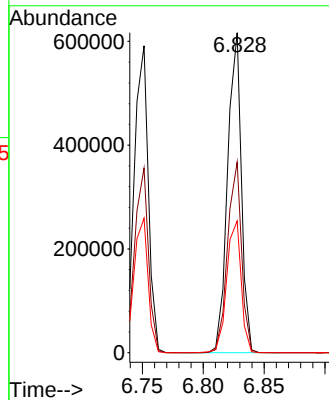
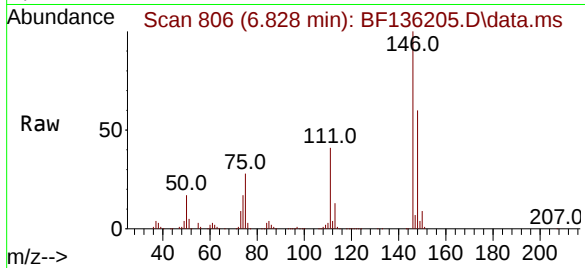
111 41.2 34.3 51.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2023

Supervised By :mohammad ahmed 11/27/2023



#14

1,2-Dichlorobenzene

Concen: 51.362 ng

RT: 6.975 min Scan# 831

Delta R.T. -0.006 min

Lab File: BF136205.D

Acq: 25 Nov 2023 05:36

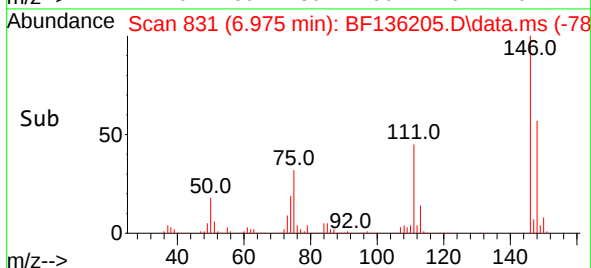
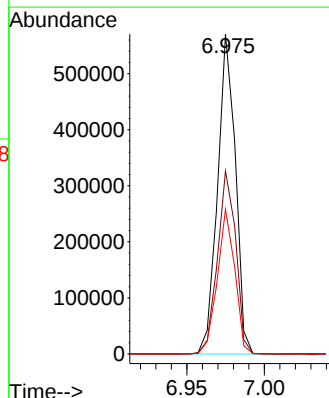
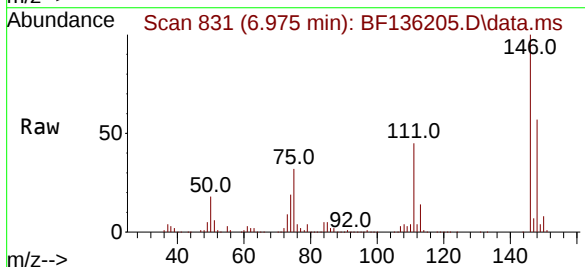
Tgt Ion:146 Resp: 456162

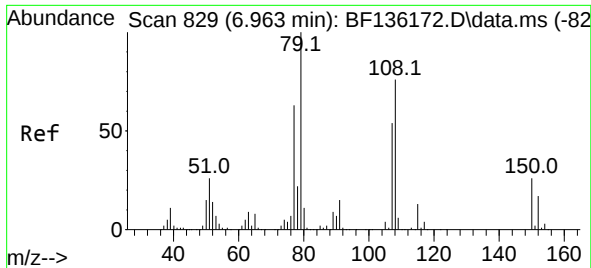
Ion Ratio Lower Upper

146 100

148 57.2 51.4 77.2

111 45.2 35.0 52.4





#15
Benzyl Alcohol
Concen: 40.449 ng m
RT: 6.951 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

Instrument :

BNA_F

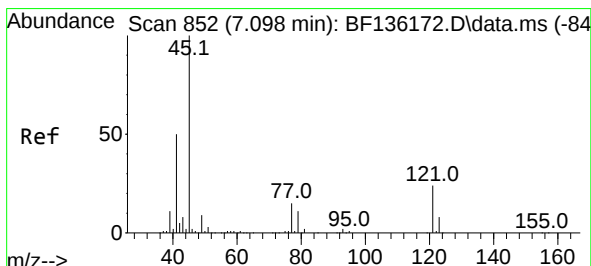
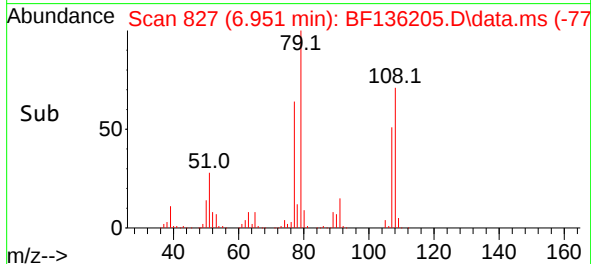
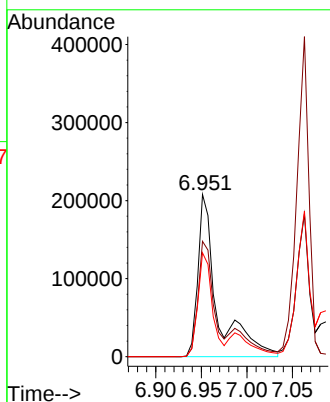
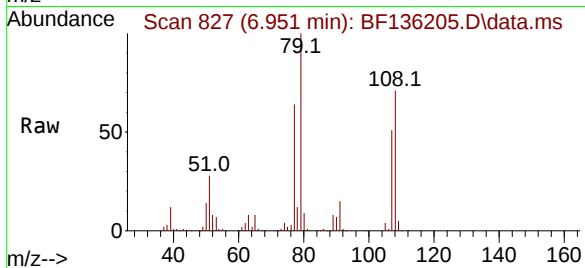
ClientSampleId :

PB157207BS

Tgt Ion: 79 Resp: 308924
Ion Ratio Lower Upper
79 100
108 71.2 60.6 90.8
77 64.0 50.3 75.5

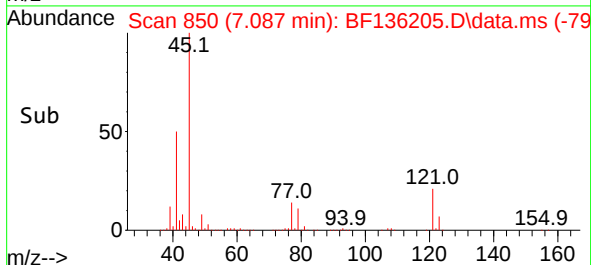
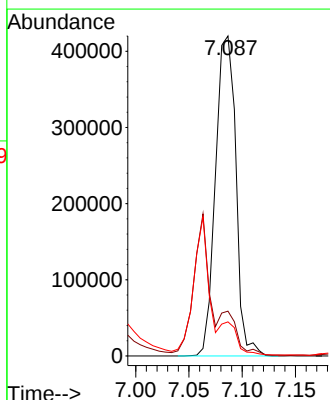
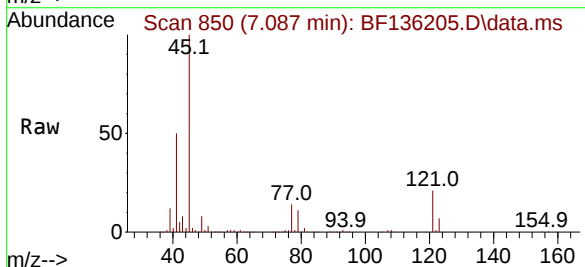
Manual Integrations
APPROVED

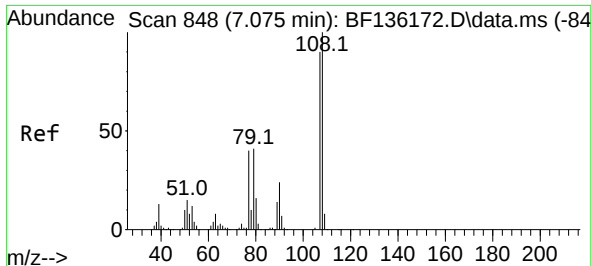
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/27/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.000 ng
RT: 7.087 min Scan# 850
Delta R.T. -0.000 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

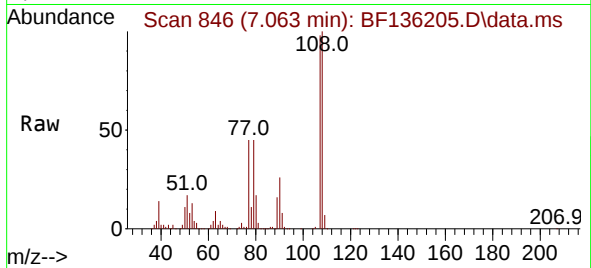
Tgt Ion: 45 Resp: 556797
Ion Ratio Lower Upper
45 100
77 14.0 0.0 35.2
79 10.6 0.0 31.2





#17
2-Methylphenol
Concen: 48.417 ng
RT: 7.063 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

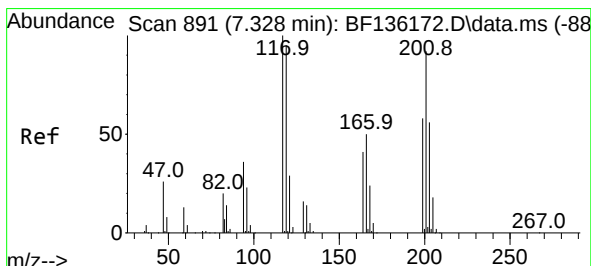
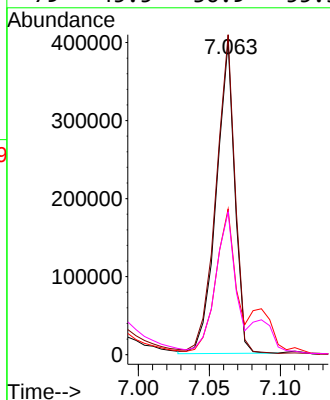
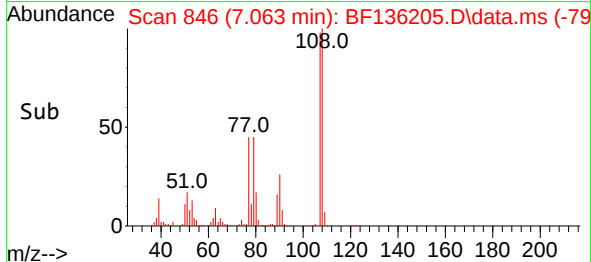
Instrument :
BNA_F
ClientSampleId :
PB157207BS



Tgt Ion:	107	Resp:	36088
Ion Ratio	Lower	Upper	
107	100		
108	102.1	89.4	134.2
77	46.5	35.9	53.9
79	45.5	36.9	55.3

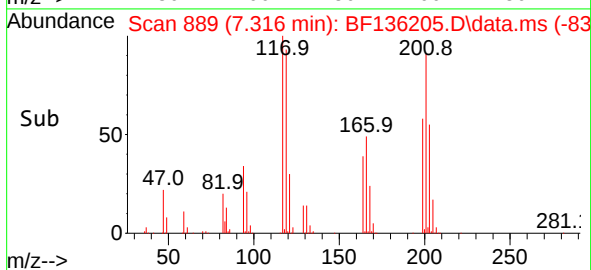
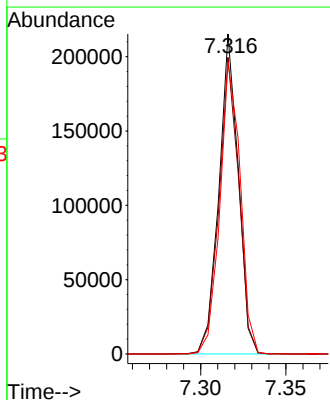
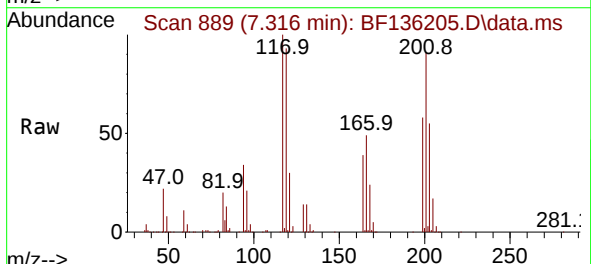
Manual Integrations
APPROVED

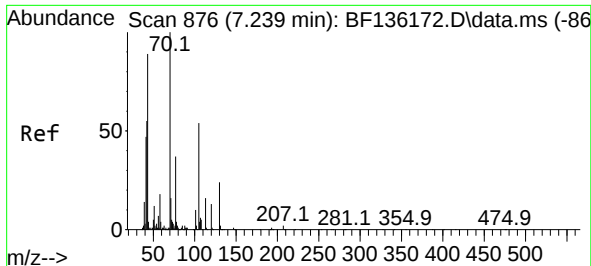
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/27/2023



#18
Hexachloroethane
Concen: 49.262 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

Tgt Ion:	117	Resp:	169868
Ion Ratio	Lower	Upper	
117	100		
119	92.7	76.2	114.4
201	91.2	73.7	110.5





#19
n-Nitroso-di-n-propylamine
Concen: 52.668 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

Instrument :

BNA_F

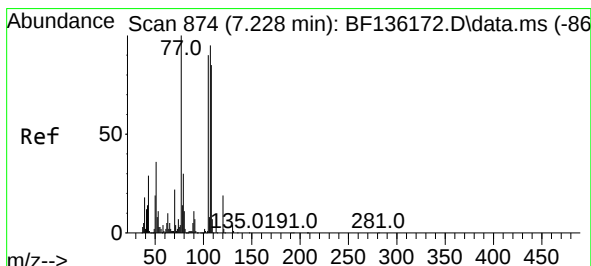
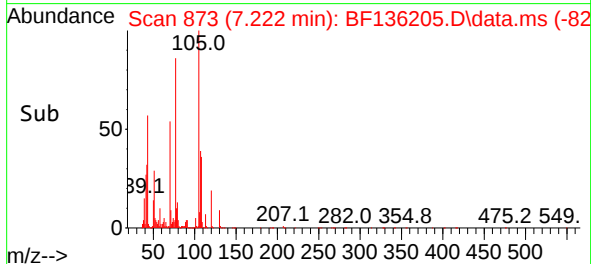
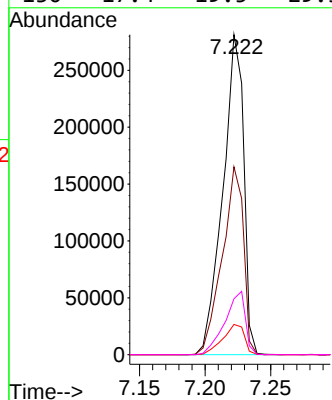
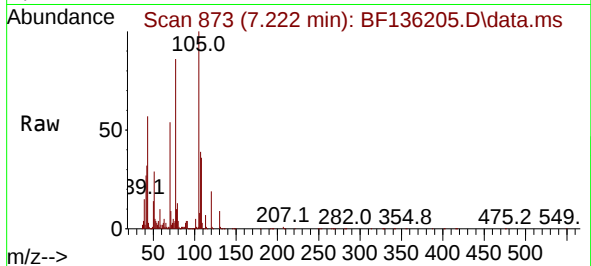
ClientSampleId :

PB157207BS

Tgt Ion: 70 Resp: 310450
Ion Ratio Lower Upper
70 100
42 58.7 43.9 65.9
101 9.4 8.1 12.1
130 17.4 19.5 29.3#

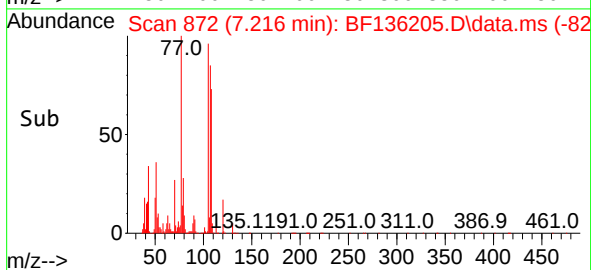
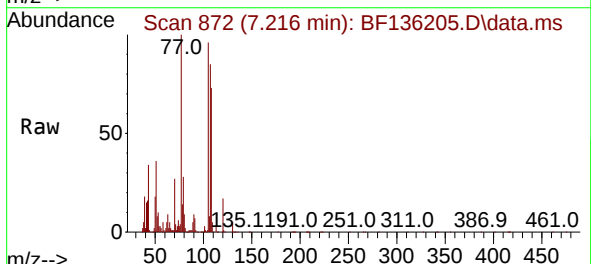
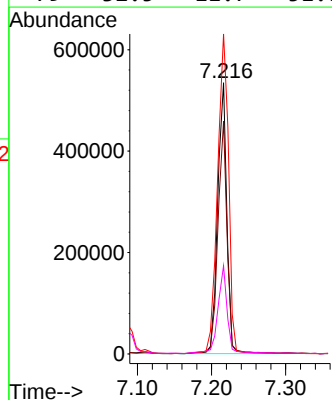
Manual Integrations
APPROVED

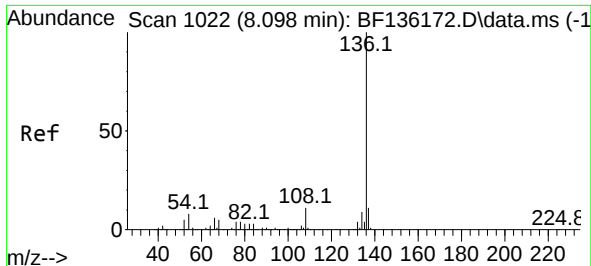
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/27/2023



#20
3+4-Methylphenols
Concen: 49.399 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

Tgt Ion:107 Resp: 459505
Ion Ratio Lower Upper
107 100
108 85.8 70.1 110.1
77 118.0 85.7 125.7
79 32.5 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

Instrument :

BNA_F

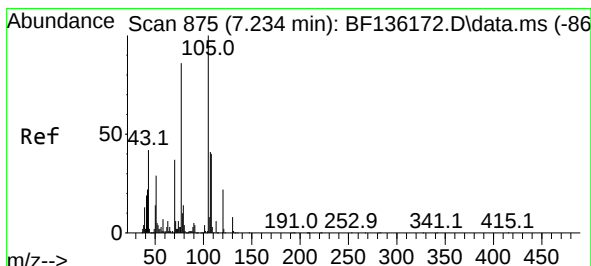
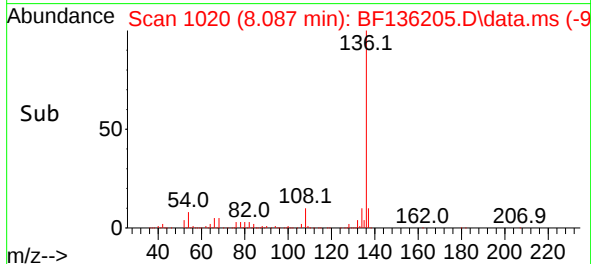
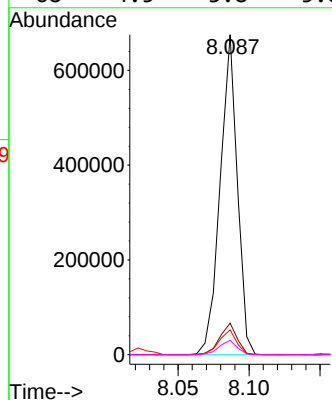
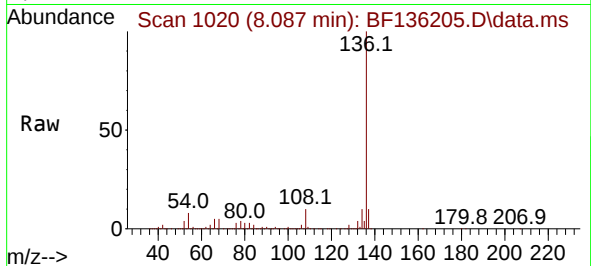
ClientSampleId :

PB157207BS

Tgt Ion:136 Resp: 56815
Ion Ratio Lower Upper
136 100
137 9.9 8.6 13.0
54 7.8 6.3 9.5
68 4.5 3.8 5.8

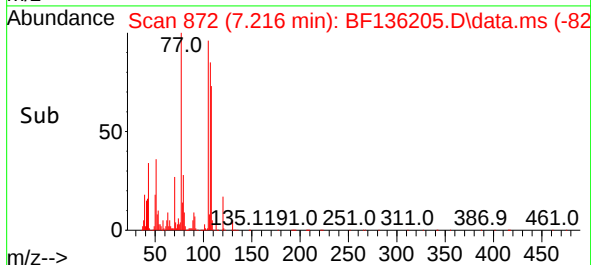
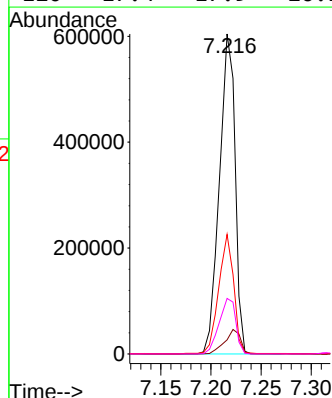
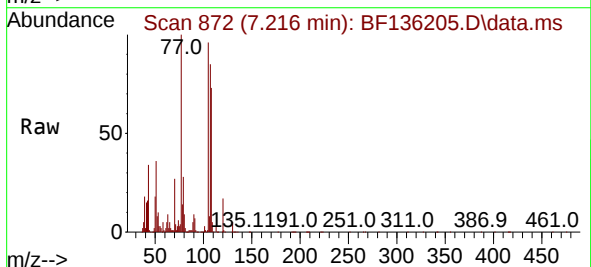
Manual Integrations
APPROVED

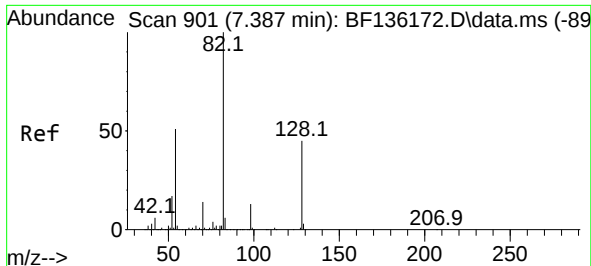
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/27/2023



#22
Acetophenone
Concen: 50.174 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

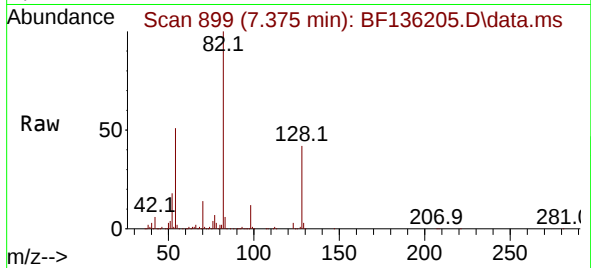
Tgt Ion:105 Resp: 658159
Ion Ratio Lower Upper
105 100
71 4.4 5.0 7.4#
51 37.4 23.5 35.3#
120 17.4 17.9 26.9#





#23
Nitrobenzene-d5
Concen: 87.235 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

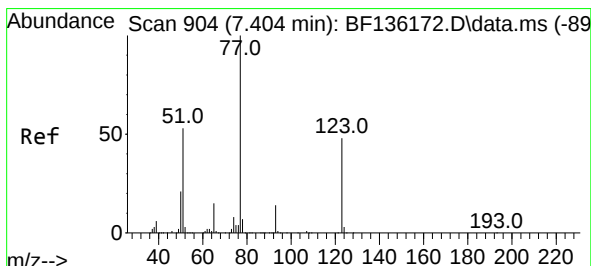
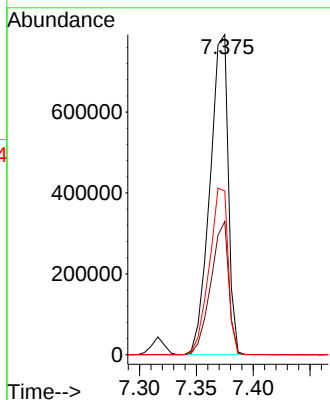
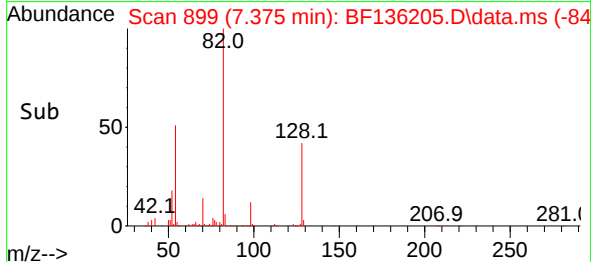
Instrument :
BNA_F
ClientSampleId :
PB157207BS



Tgt Ion: 82 Resp: 888180
Ion Ratio Lower Upper
82 100
128 41.6 35.8 53.6
54 51.1 40.6 60.8

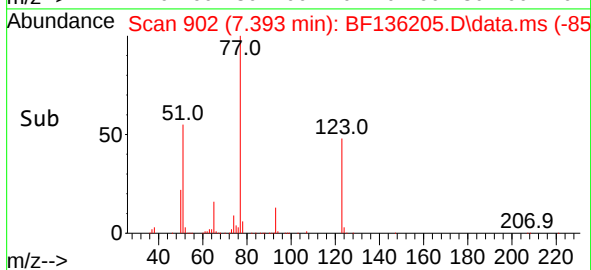
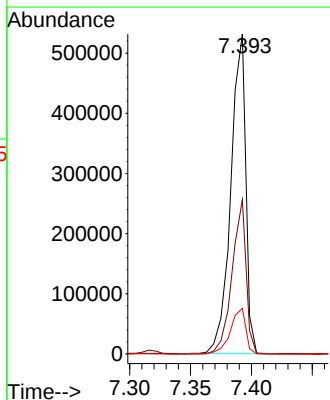
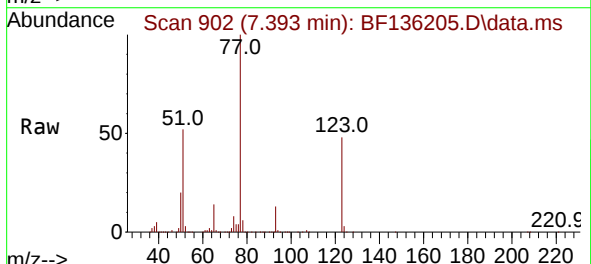
Manual Integrations
APPROVED

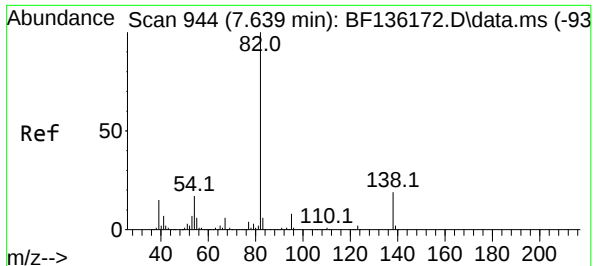
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/27/2023



#24
Nitrobenzene
Concen: 45.695 ng
RT: 7.393 min Scan# 902
Delta R.T. -0.000 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

Tgt Ion: 77 Resp: 452770
Ion Ratio Lower Upper
77 100
123 48.2 38.8 58.2
65 14.3 11.7 17.5





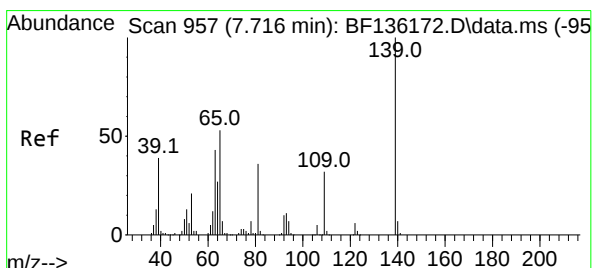
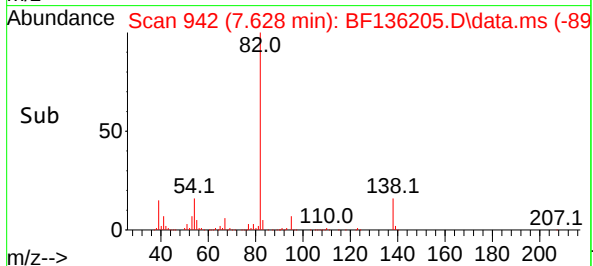
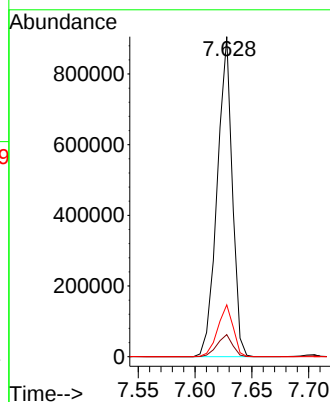
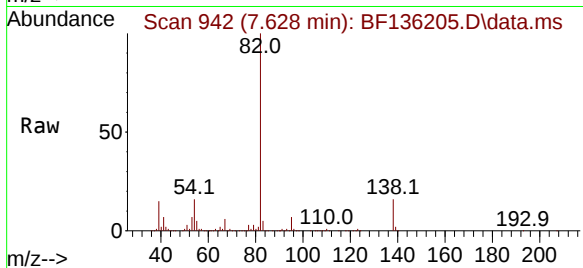
#25
Isophorone
Concen: 47.687 ng
RT: 7.628 min Scan# 944
Delta R.T. -0.000 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

Instrument :
BNA_F
ClientSampleId :
PB157207BS

Tgt Ion: 82 Resp: 837885
Ion Ratio Lower Upper
82 100
95 6.9 6.2 9.4
138 16.2 14.8 22.2

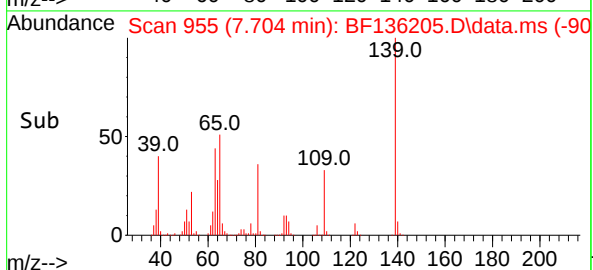
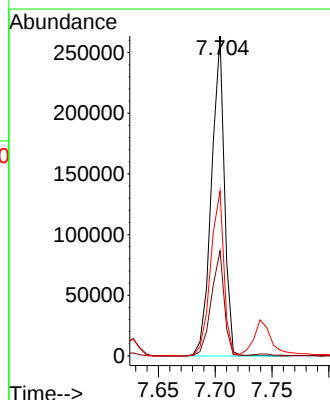
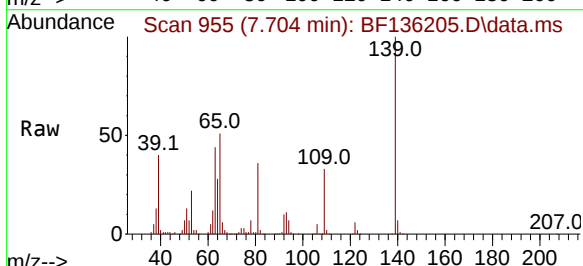
Manual Integrations
APPROVED

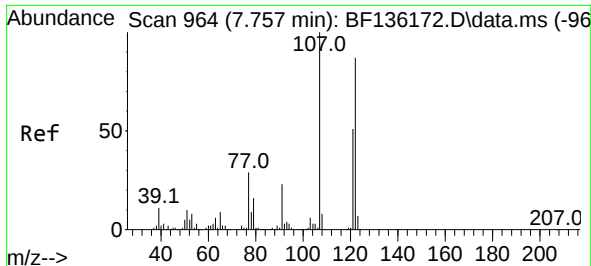
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/27/2023



#26
2-Nitrophenol
Concen: 43.515 ng
RT: 7.704 min Scan# 955
Delta R.T. -0.000 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

Tgt Ion:139 Resp: 208975
Ion Ratio Lower Upper
139 100
109 32.8 25.8 38.8
65 51.5 42.7 64.1





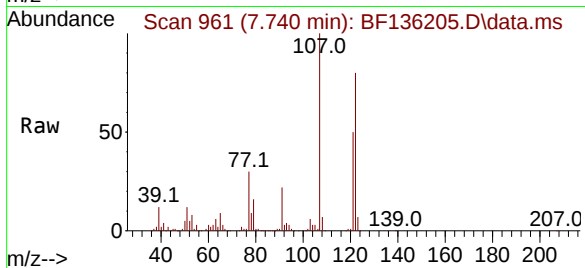
#27
2,4-Dimethylphenol
Concen: 41.046 ng
RT: 7.740 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

Instrument :

BNA_F

ClientSampleId :

PB157207BS

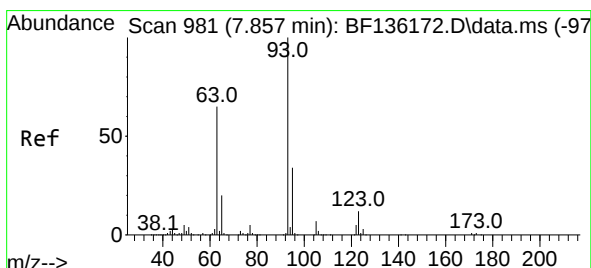
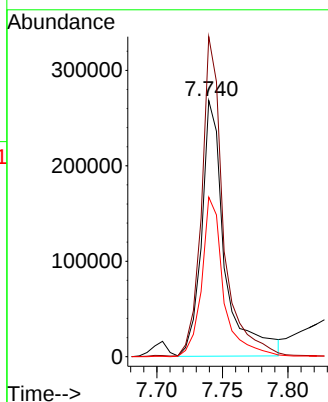
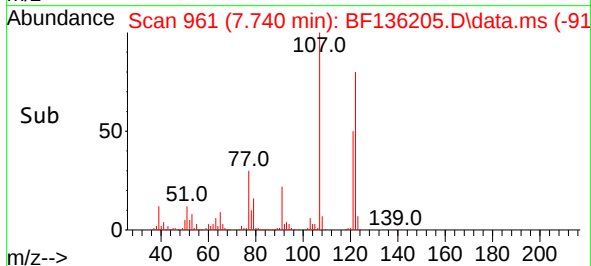


Tgt Ion:122 Resp: 331104
Ion Ratio Lower Upper
122 100
107 124.9 91.8 137.8
121 62.2 47.0 70.4

Manual Integrations

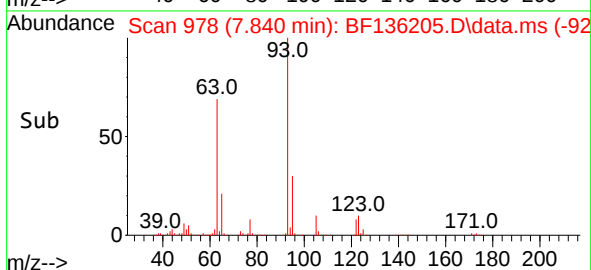
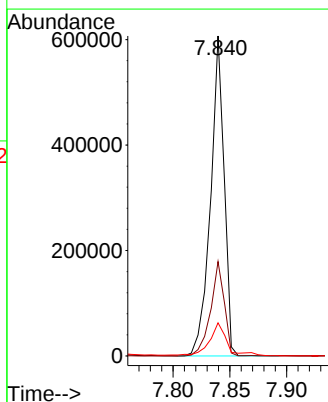
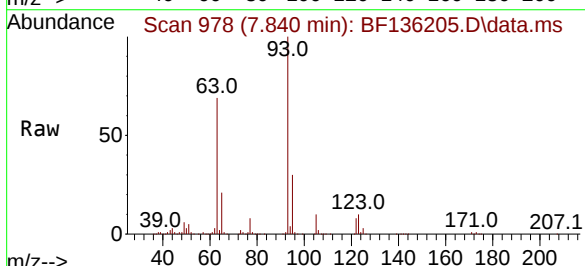
APPROVED

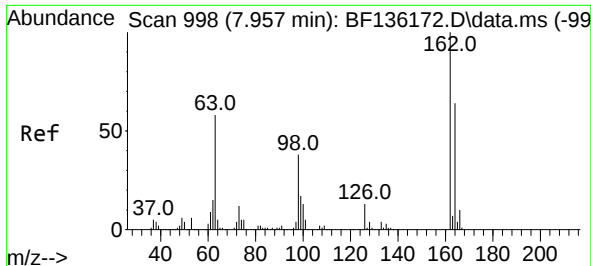
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/27/2023



#28
bis(2-Chloroethoxy)methane
Concen: 47.711 ng
RT: 7.840 min Scan# 978
Delta R.T. -0.000 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

Tgt Ion: 93 Resp: 505568
Ion Ratio Lower Upper
93 100
95 29.5 27.2 40.8
123 10.4 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 46.522 ng

RT: 7.945 min Scan# 998

Delta R.T. -0.000 min

Lab File: BF136205.D

Acq: 25 Nov 2023 05:36

Instrument :

BNA_F

ClientSampleId :

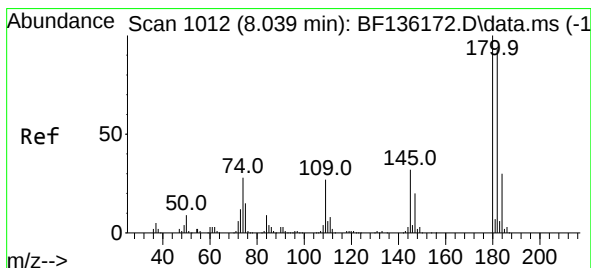
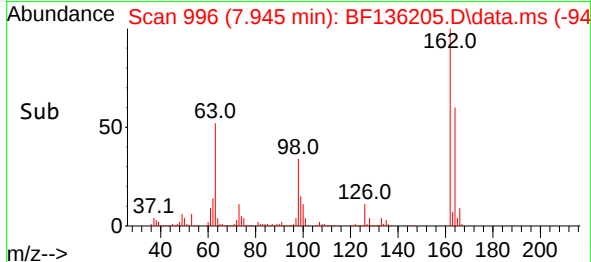
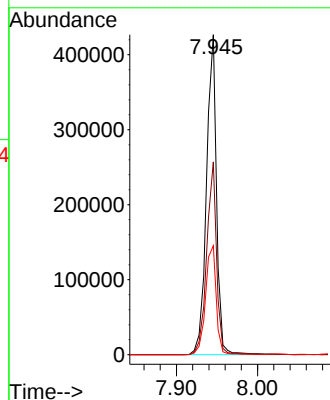
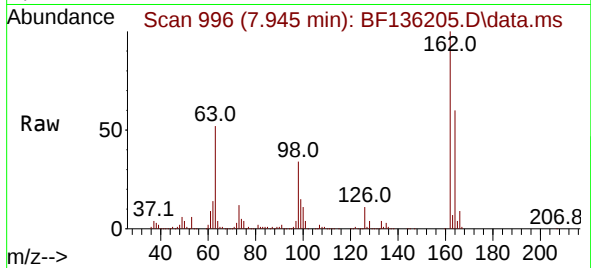
PB157207BS

Tgt Ion:162	Resp: 36591
Ion Ratio	Lower Upper
162 100	
164 60.3	43.7 83.7
98 34.1	18.4 58.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/27/2023



#30

1,2,4-Trichlorobenzene

Concen: 47.877 ng

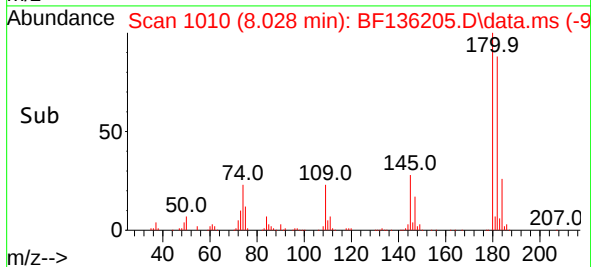
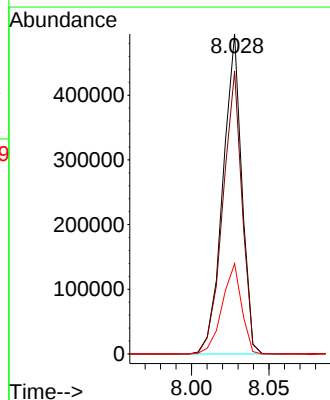
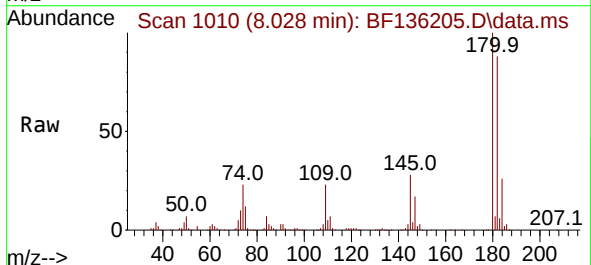
RT: 8.028 min Scan# 1010

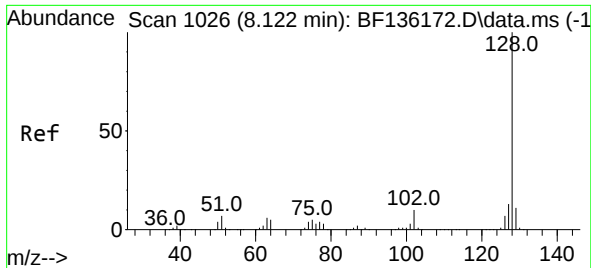
Delta R.T. -0.000 min

Lab File: BF136205.D

Acq: 25 Nov 2023 05:36

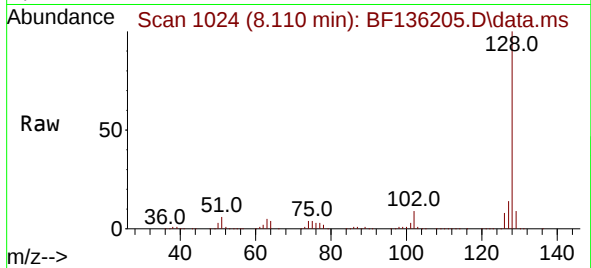
Tgt Ion:180	Resp: 419285
Ion Ratio	Lower Upper
180 100	
182 88.4	74.8 112.2
145 28.2	25.3 37.9





#31
Naphthalene
Concen: 48.206 ng
RT: 8.110 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

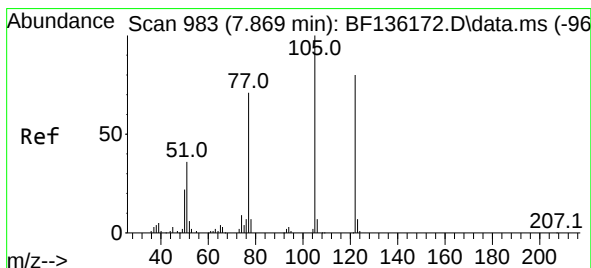
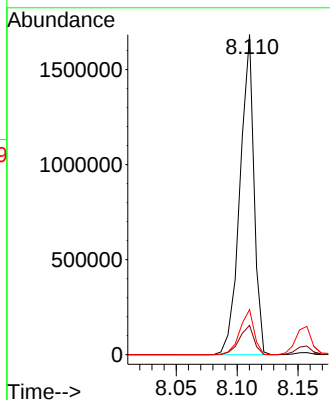
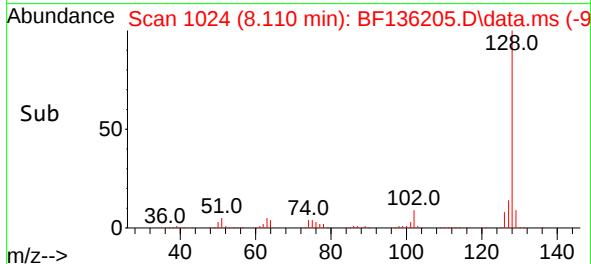
Instrument :
BNA_F
ClientSampleId :
PB157207BS



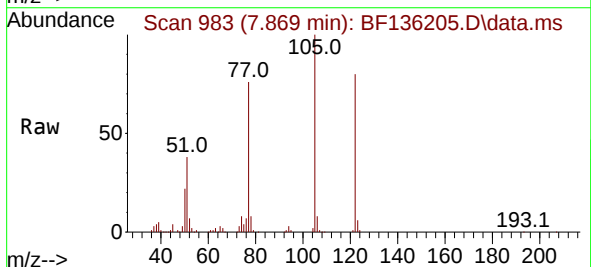
Tgt Ion:128 Resp: 1349180
Ion Ratio Lower Upper
128 100
129 9.1 8.9 13.3
127 14.1 10.6 16.0

Manual Integrations
APPROVED

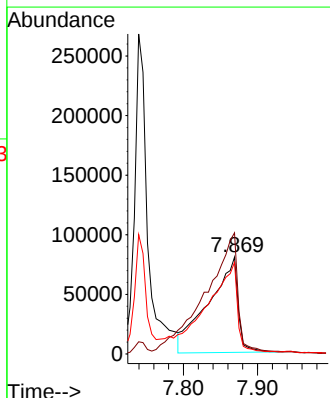
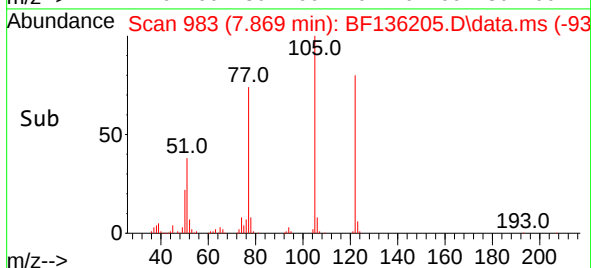
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/27/2023

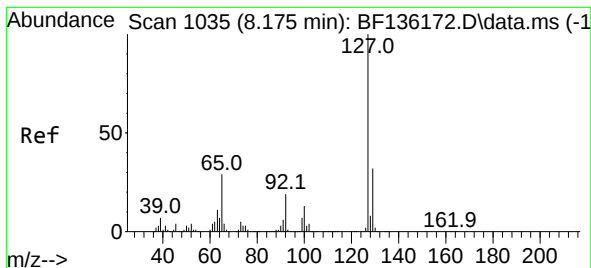


#32
Benzoic acid
Concen: 38.188 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.012 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36



Tgt Ion:122 Resp: 220810
Ion Ratio Lower Upper
122 100
105 125.2 102.5 142.5
77 94.7 68.1 108.1





#33
4-Chloroaniline
Concen: 12.560 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

Instrument :

BNA_F

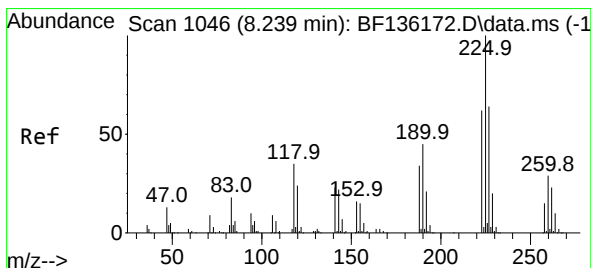
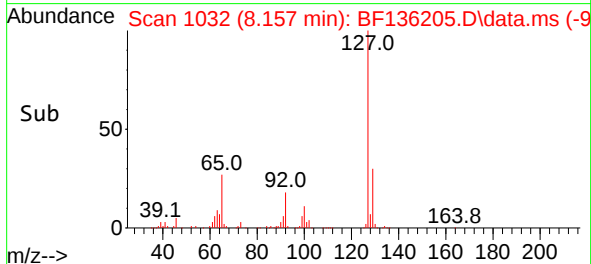
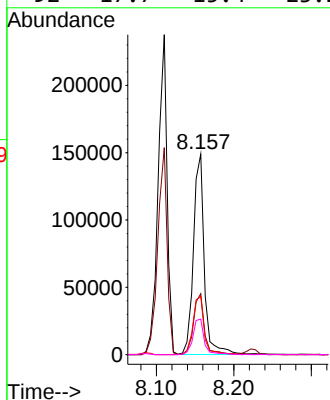
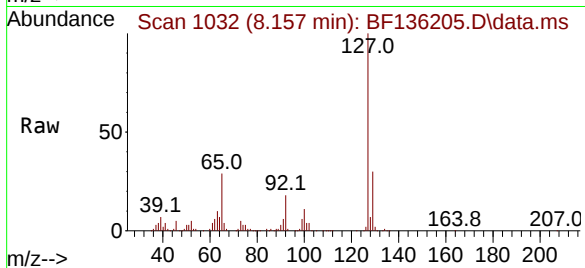
ClientSampleId :

PB157207BS

Tgt Ion:127 Resp: 145808
Ion Ratio Lower Upper
127 100
129 30.4 25.7 38.5
65 28.9 23.3 34.9
92 17.7 15.4 23.2

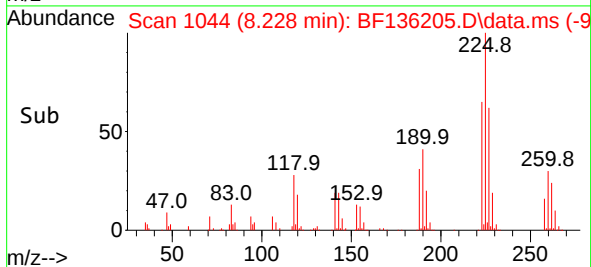
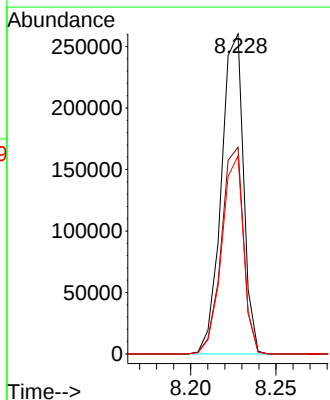
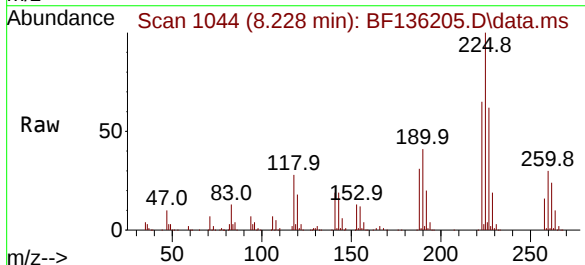
Manual Integrations
APPROVED

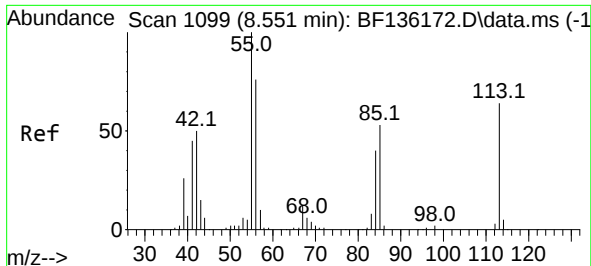
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/27/2023



#34
Hexachlorobutadiene
Concen: 44.301 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

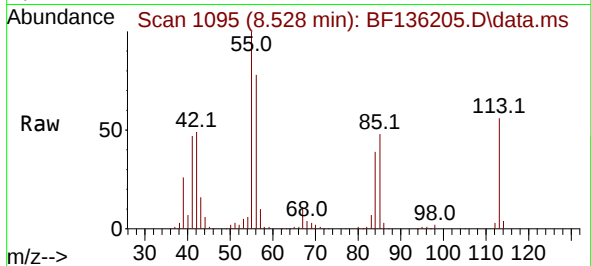
Tgt Ion:225 Resp: 235849
Ion Ratio Lower Upper
225 100
223 64.5 49.8 74.6
227 61.8 51.1 76.7





#35
Caprolactam
Concen: 52.230 ng m
RT: 8.528 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

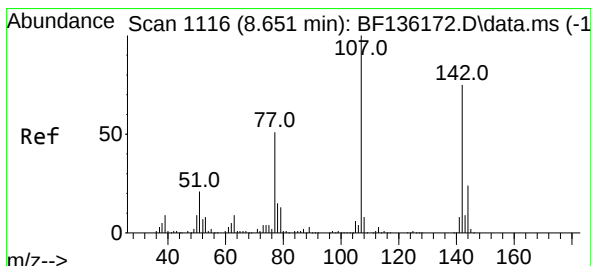
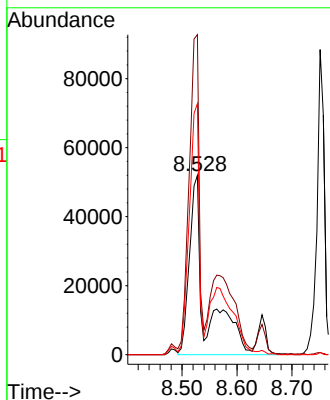
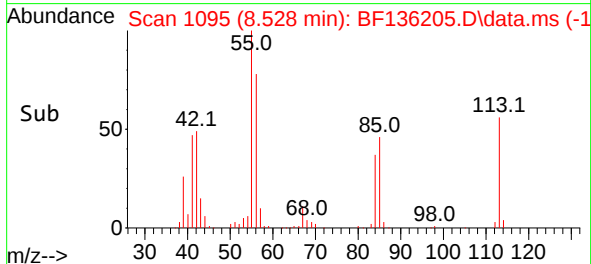
Instrument :
BNA_F
ClientSampleId :
PB157207BS



Tgt Ion:113 Resp: 118945
Ion Ratio Lower Upper
113 100
55 178.5 137.2 177.2
56 140.0 99.8 139.8

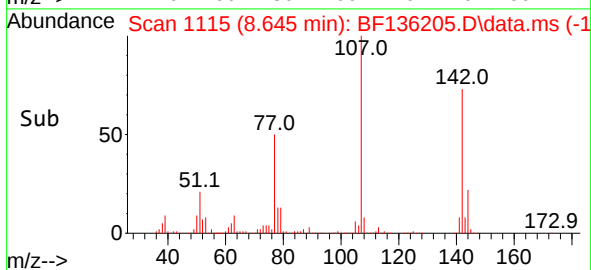
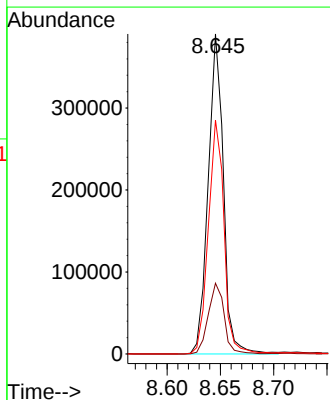
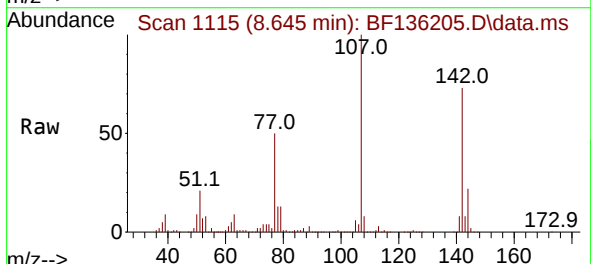
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APPROVED

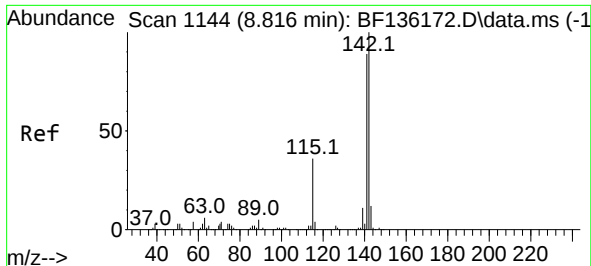
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/27/2023



#36
4-Chloro-3-methylphenol
Concen: 46.974 ng
RT: 8.645 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

Tgt Ion:107 Resp: 387911
Ion Ratio Lower Upper
107 100
144 22.1 19.4 29.0
142 73.1 59.9 89.9





#37

2-Methylnaphthalene

Concen: 44.135 ng

RT: 8.798 min Scan# 1141

Delta R.T. -0.006 min

Lab File: BF136205.D

Acq: 25 Nov 2023 05:36

Instrument :

BNA_F

ClientSampleId :

PB157207BS

Tgt Ion:142 Resp: 828200

Ion Ratio Lower Upper

142 100

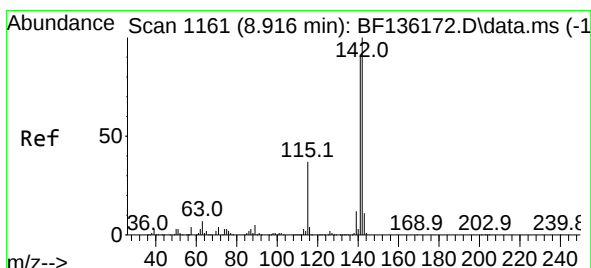
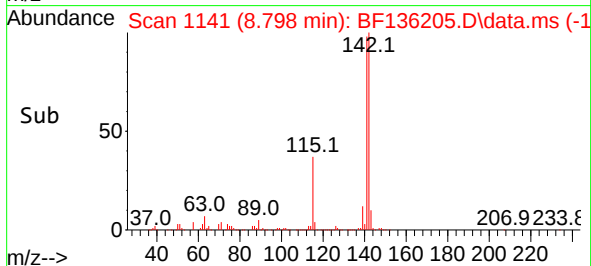
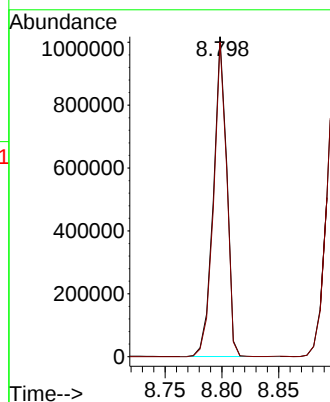
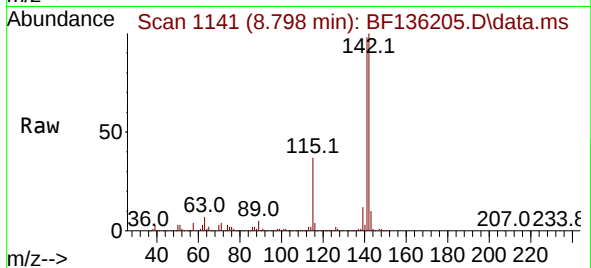
141 98.4 71.4 107.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2023

Supervised By :mohammad ahmed 11/27/2023



#38

1-Methylnaphthalene

Concen: 45.903 ng

RT: 8.898 min Scan# 1158

Delta R.T. -0.000 min

Lab File: BF136205.D

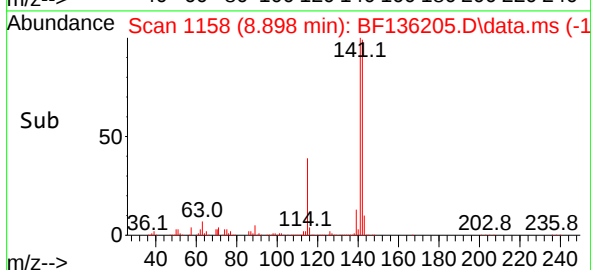
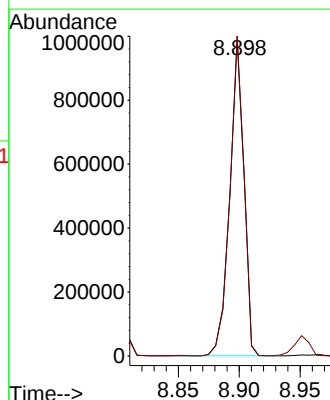
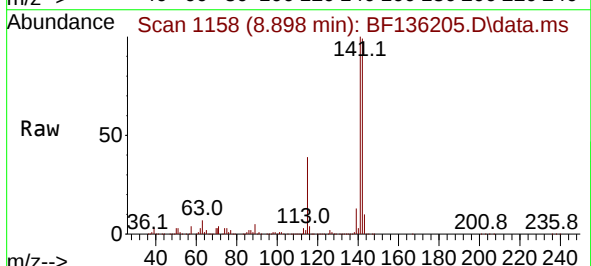
Acq: 25 Nov 2023 05:36

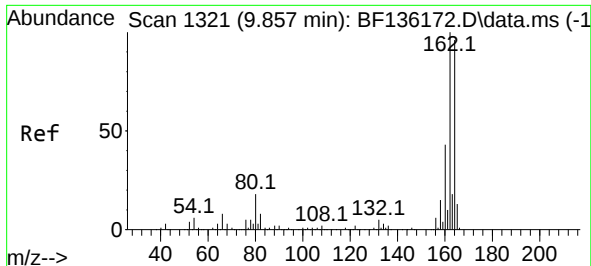
Tgt Ion:142 Resp: 799181

Ion Ratio Lower Upper

142 100

141 101.2 72.7 109.1





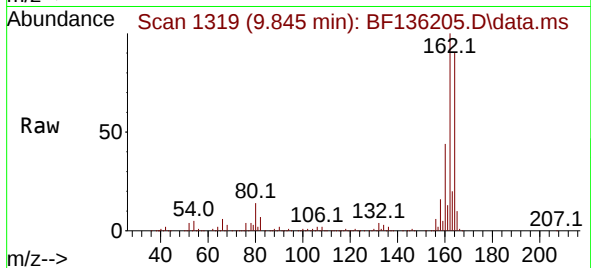
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

Instrument :

BNA_F

ClientSampleId :

PB157207BS



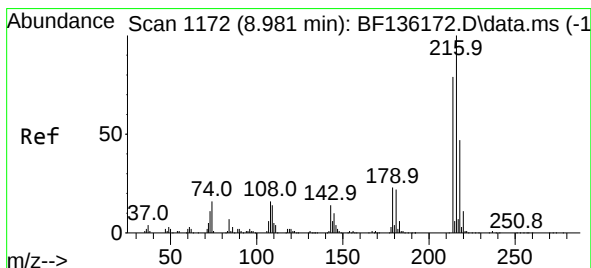
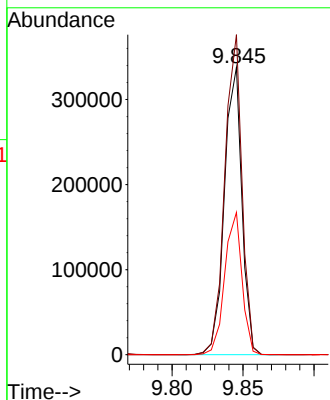
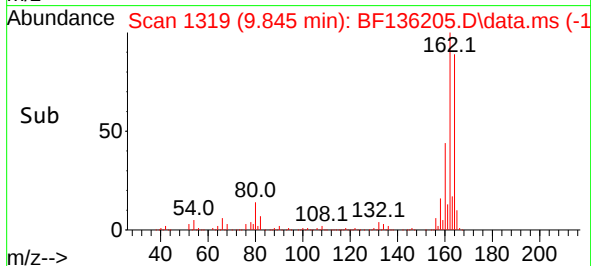
Tgt Ion:164 Resp: 28828
Ion Ratio Lower Upper
164 100
162 111.4 83.2 124.8
160 49.5 35.8 53.8

Manual Integrations

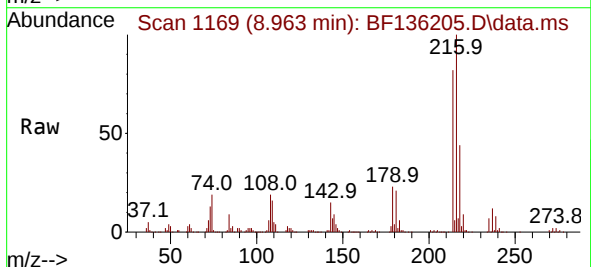
APPROVED

Reviewed By :Yogesh Patel 11/27/2023

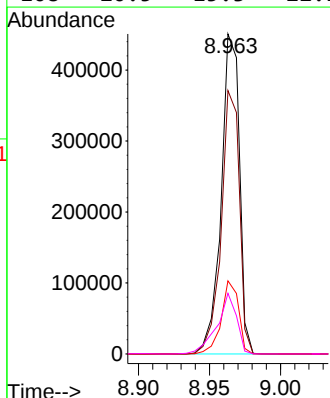
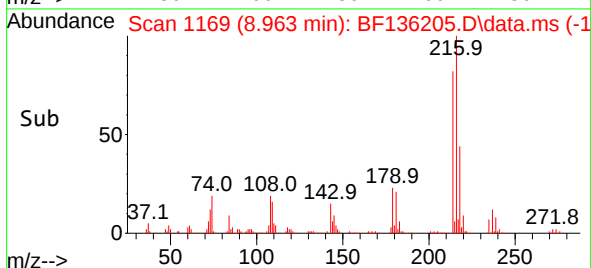
Supervised By :mohammad ahmed 11/27/2023

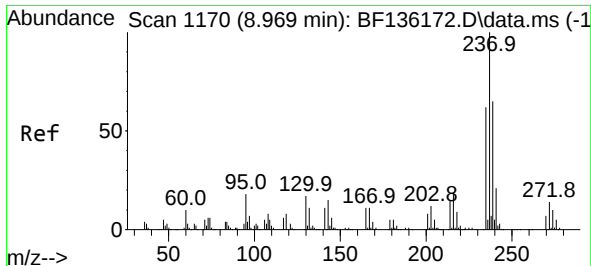


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.516 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36



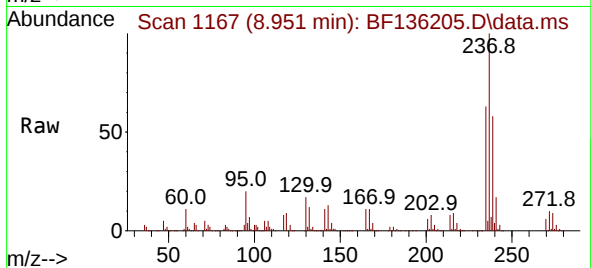
Tgt Ion:216 Resp: 401900
Ion Ratio Lower Upper
216 100
214 81.7 63.8 95.8
179 21.7 18.0 27.0
108 20.5 15.3 22.9





#41
Hexachlorocyclopentadiene
Concen: 109.870 ng
RT: 8.951 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

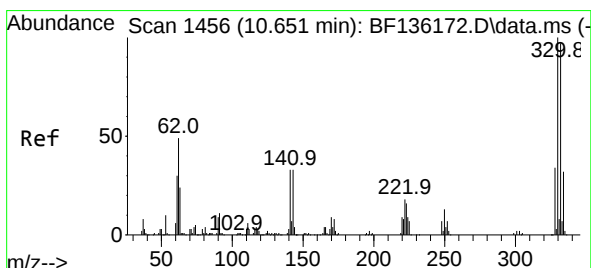
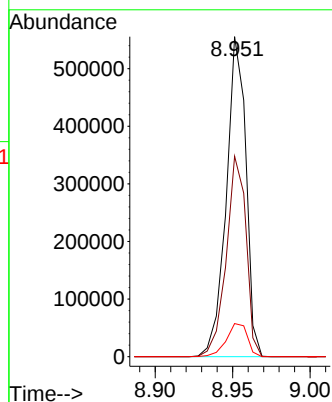
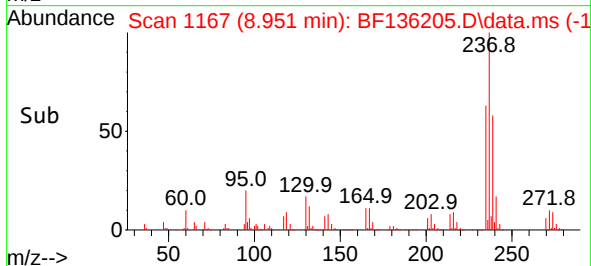
Instrument :
BNA_F
ClientSampleId :
PB157207BS



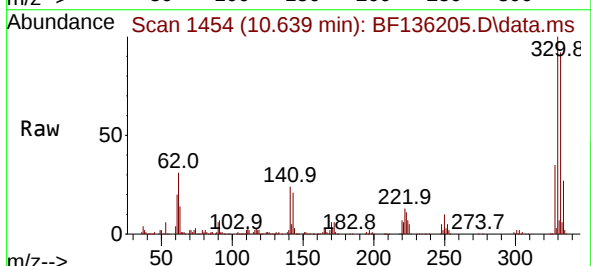
Tgt Ion:237 Resp: 489517
Ion Ratio Lower Upper
237 100
235 62.6 42.3 82.3
272 10.4 0.0 33.8

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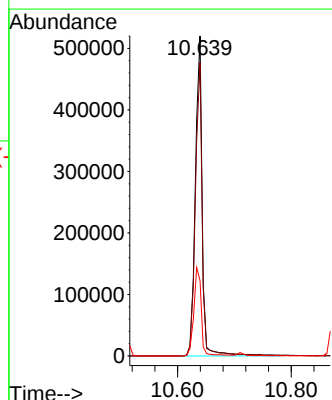
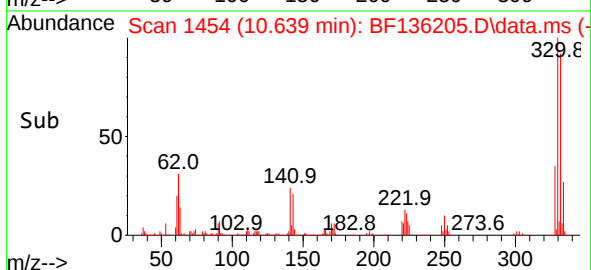
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/27/2023

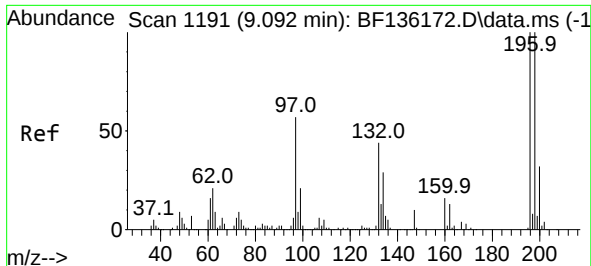


#42
2,4,6-Tribromophenol
Concen: 145.917 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.000 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36



Tgt Ion:330 Resp: 440574
Ion Ratio Lower Upper
330 100
332 92.2 77.6 116.4
141 29.8 25.8 38.6





#43

2,4,6-Trichlorophenol

Concen: 42.306 ng

RT: 9.081 min Scan# 1189

Delta R.T. -0.000 min

Lab File: BF136205.D

Acq: 25 Nov 2023 05:36

Instrument :

BNA_F

ClientSampleId :

PB157207BS

Tgt Ion:196 Resp: 228878

Ion Ratio Lower Upper

196 100

198 96.1 80.2 120.4

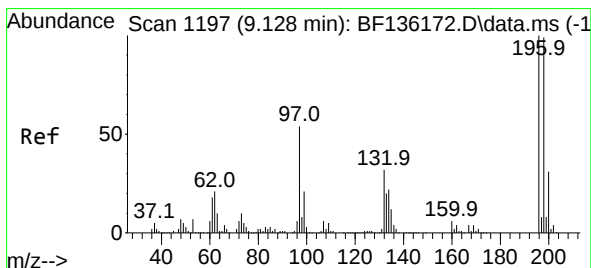
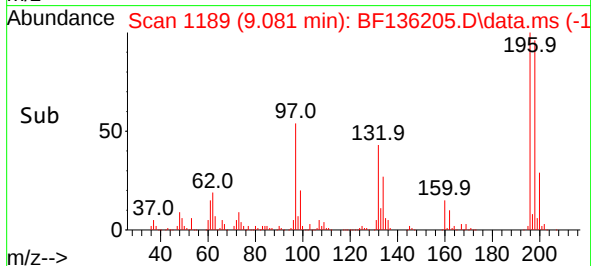
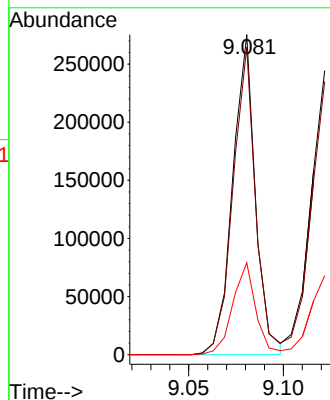
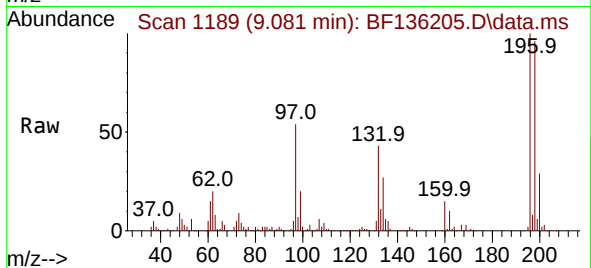
200 28.8 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2023

Supervised By :mohammad ahmed 11/27/2023



#44

2,4,5-Trichlorophenol

Concen: 47.357 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF136205.D

Acq: 25 Nov 2023 05:36

Tgt Ion:196 Resp: 295152

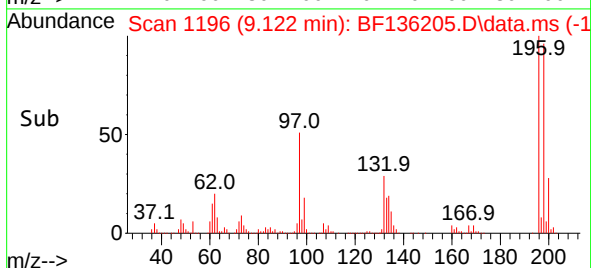
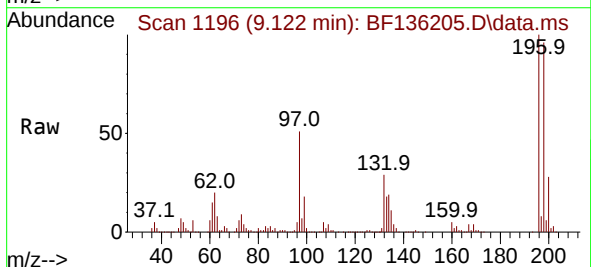
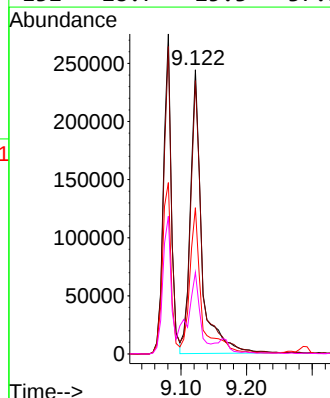
Ion Ratio Lower Upper

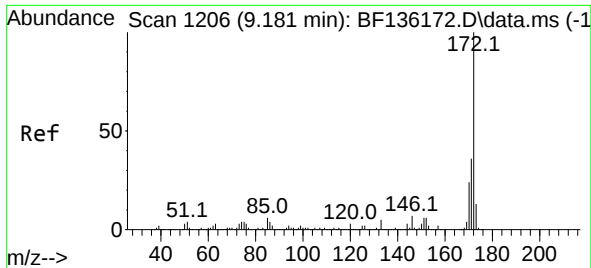
196 100

198 96.2 78.9 118.3

97 51.4 43.6 65.4

132 28.7 25.3 37.9





#45
2-Fluorobiphenyl
Concen: 94.637 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.000 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

Instrument :

BNA_F

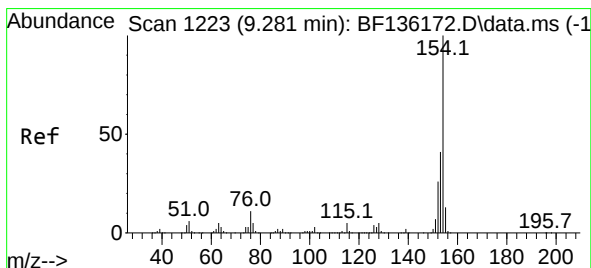
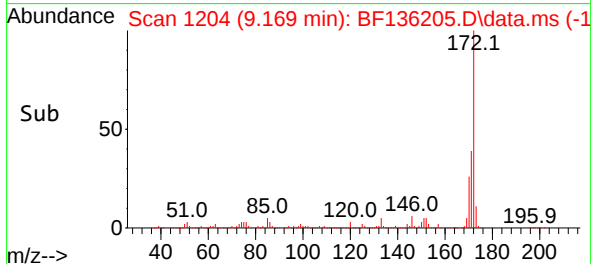
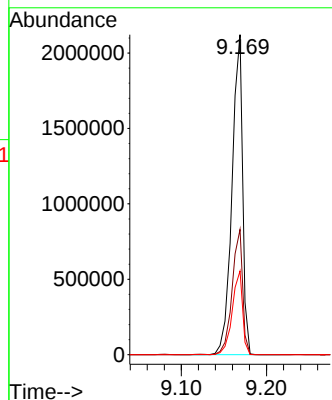
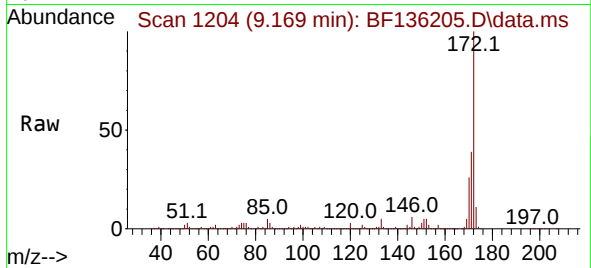
ClientSampleId :

PB157207BS

Tgt Ion:172 Resp: 184567
Ion Ratio Lower Upper
172 100
171 39.2 28.9 43.3
170 26.1 19.1 28.7

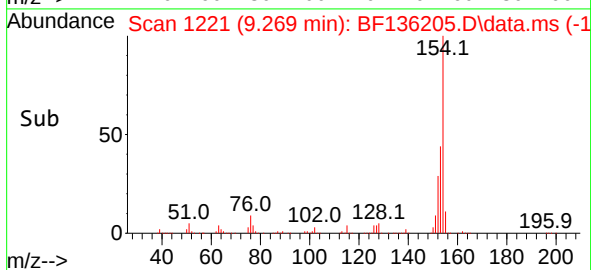
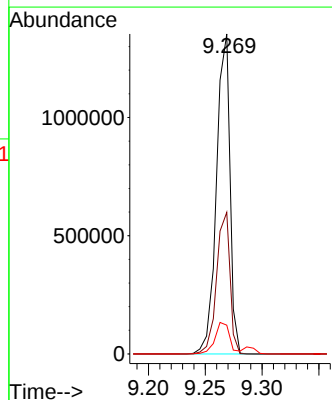
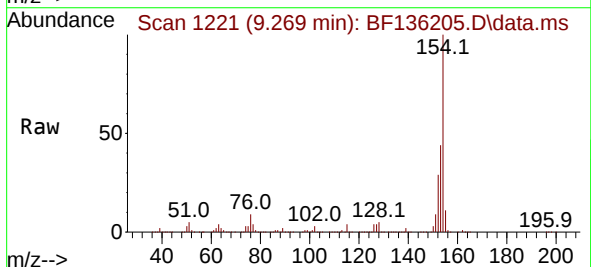
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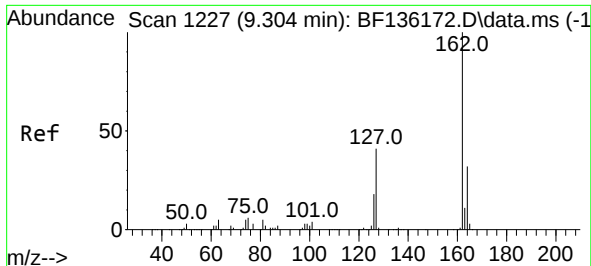
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/27/2023



#46
1,1'-Biphenyl
Concen: 49.375 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.000 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

Tgt Ion:154 Resp: 1116939
Ion Ratio Lower Upper
154 100
153 44.3 21.1 61.1
76 9.0 0.0 31.2





#47

2-Chloronaphthalene

Concen: 50.780 ng

RT: 9.292 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF136205.D

Acq: 25 Nov 2023 05:36

Instrument :

BNA_F

ClientSampleId :

PB157207BS

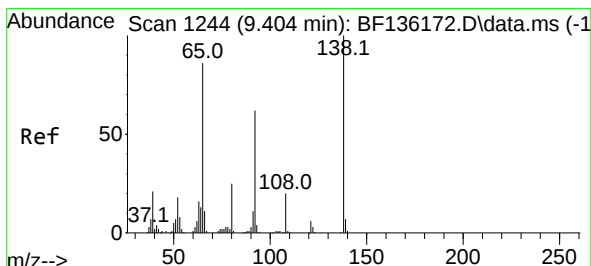
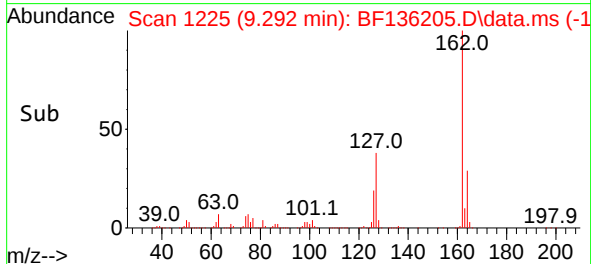
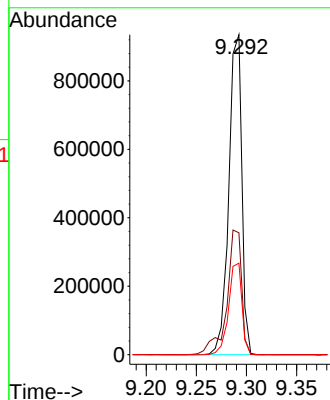
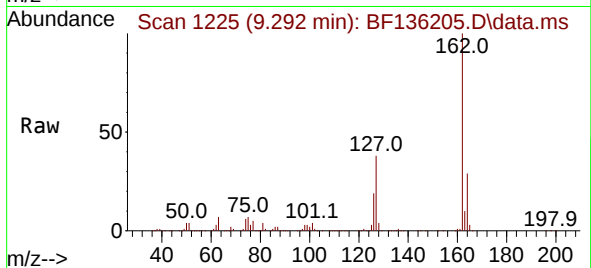
Tgt Ion:162 Resp: 83964
 Ion Ratio Lower Upper
 162 100
 127 38.1 34.2 51.4
 164 28.6 25.6 38.4

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Reviewed By :Yogesh Patel 11/27/2023

Supervised By :mohammad ahmed 11/27/2023



#48

2-Nitroaniline

Concen: 47.378 ng

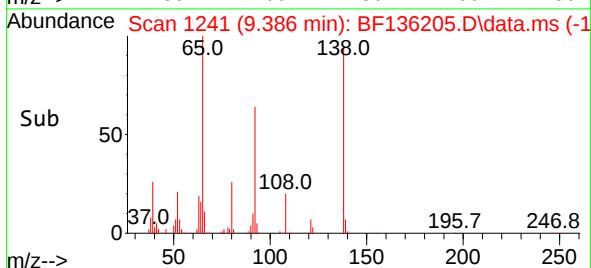
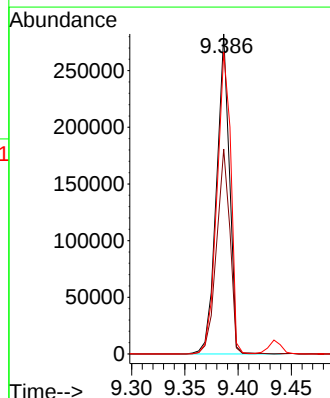
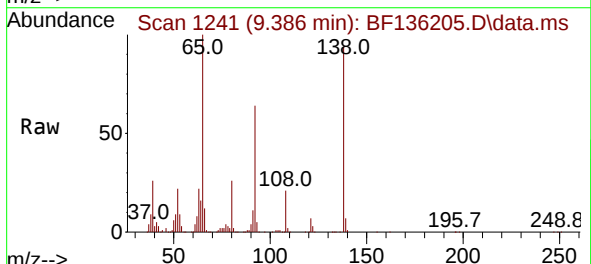
RT: 9.386 min Scan# 1241

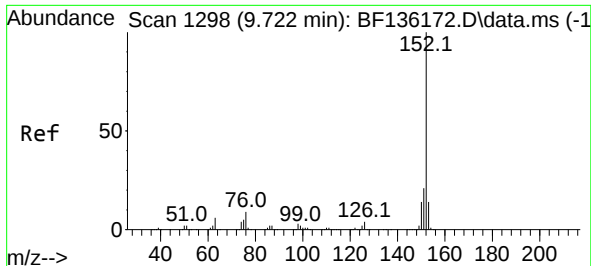
Delta R.T. -0.000 min

Lab File: BF136205.D

Acq: 25 Nov 2023 05:36

Tgt Ion: 65 Resp: 238847
 Ion Ratio Lower Upper
 65 100
 92 64.0 57.5 86.3
 138 94.3 93.4 140.2





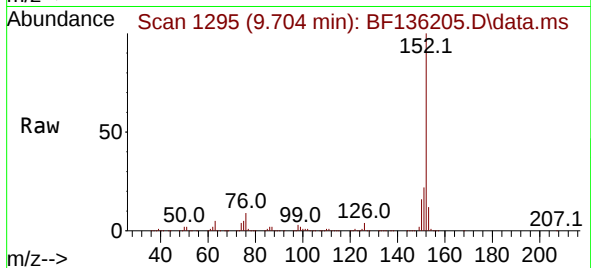
#49
Acenaphthylene
Concen: 52.571 ng
RT: 9.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

Instrument :

BNA_F

ClientSampleId :

PB157207BS

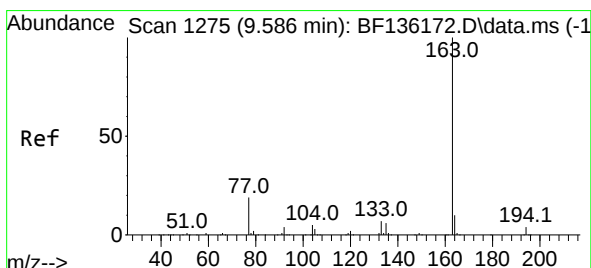
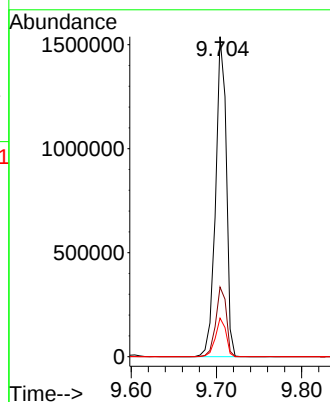
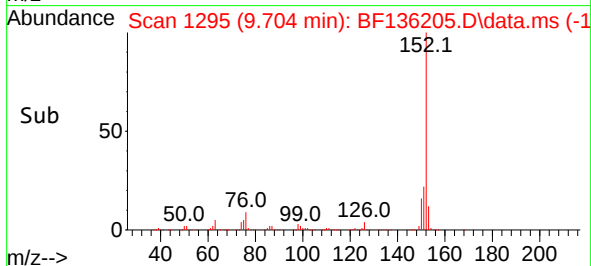


Tgt Ion:152 Resp: 134175
Ion Ratio Lower Upper
152 100
151 21.8 16.4 24.6
153 12.1 11.1 16.7

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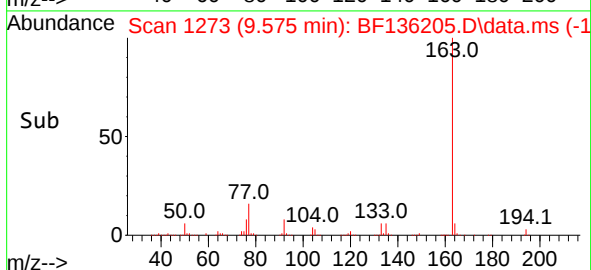
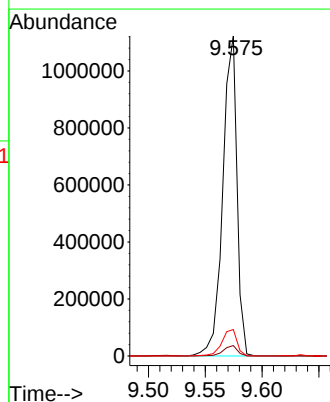
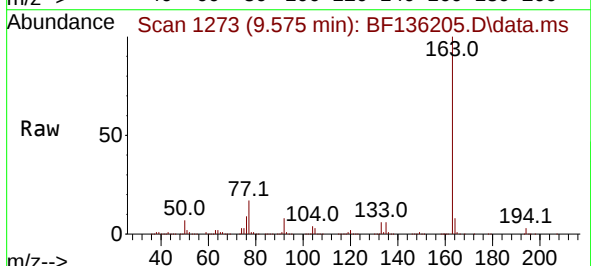
APPROVED

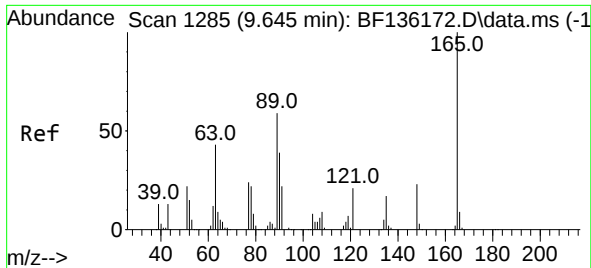
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/27/2023



#50
Dimethylphthalate
Concen: 50.156 ng
RT: 9.575 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

Tgt Ion:163 Resp: 976940
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 8.3 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 45.995 ng
RT: 9.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

Instrument :

BNA_F

ClientSampleId :

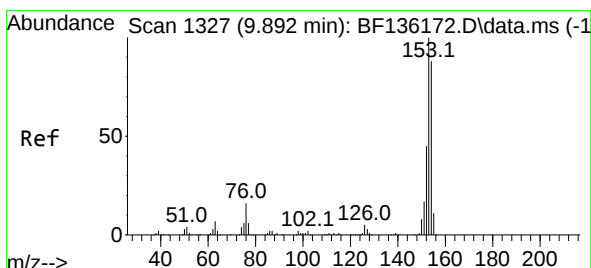
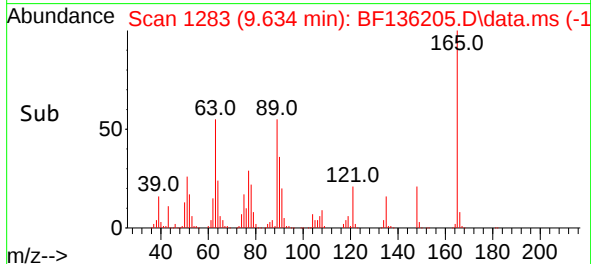
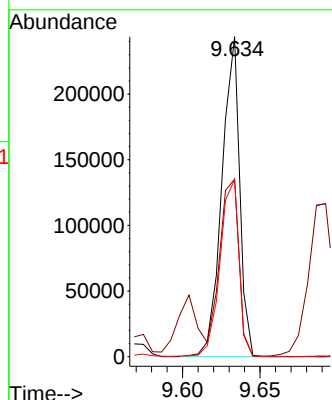
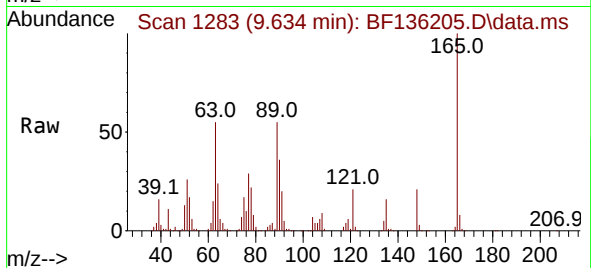
PB157207BS

Tgt Ion:165 Resp: 19440
Ion Ratio Lower Upper
165 100
63 55.5 48.0 72.0
89 55.4 47.2 70.8

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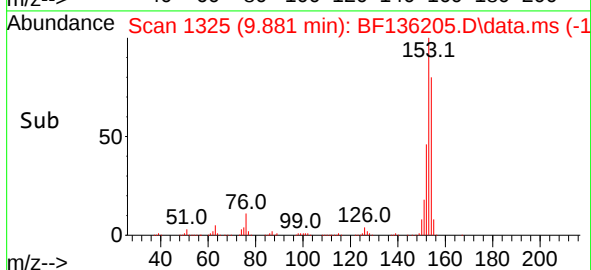
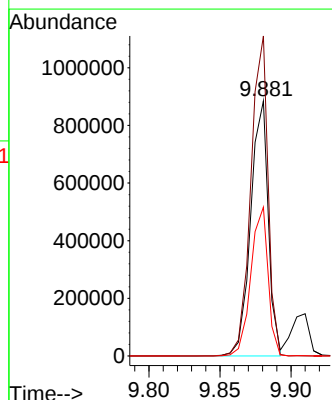
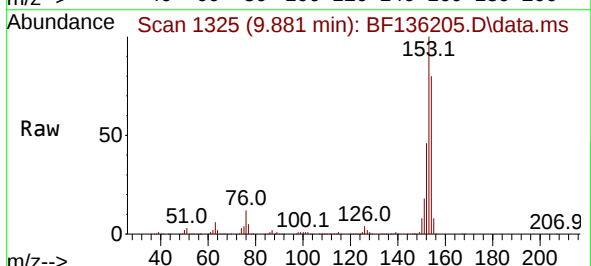
APPROVED

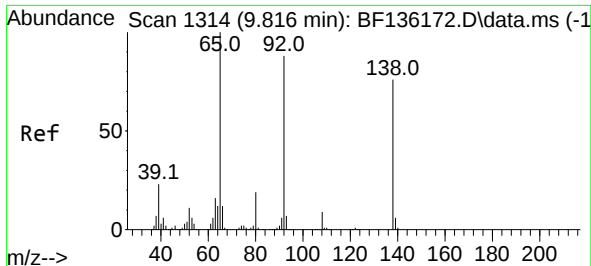
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/27/2023



#52
Acenaphthene
Concen: 44.875 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

Tgt Ion:154 Resp: 762850
Ion Ratio Lower Upper
154 100
153 125.4 90.4 135.6
152 58.3 41.1 61.7





#53
3-Nitroaniline
Concen: 25.858 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

Instrument :

BNA_F

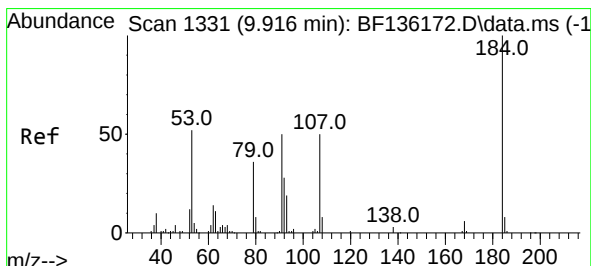
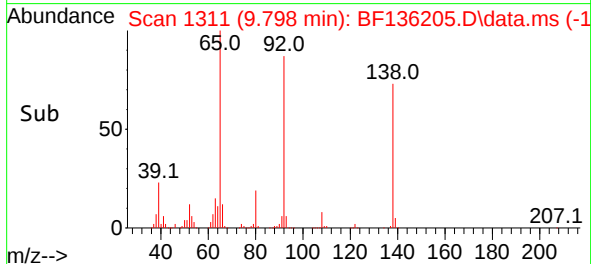
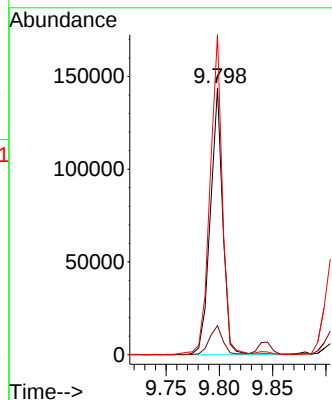
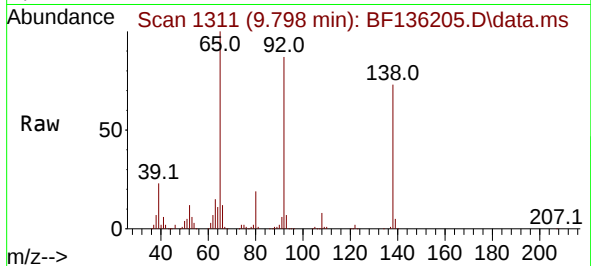
ClientSampleId :

PB157207BS

Tgt Ion:138 Resp: 11652
Ion Ratio Lower Upper
138 100
108 10.9 9.0 13.4
92 120.0 92.2 138.2

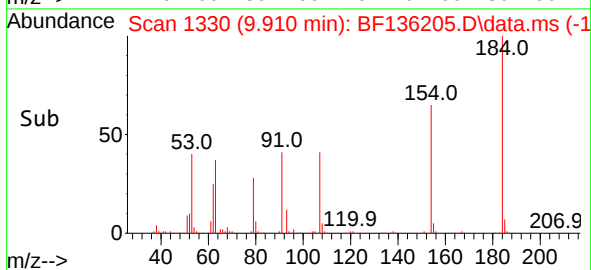
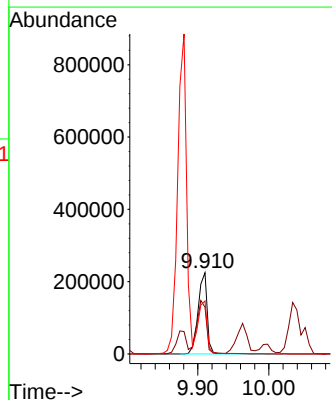
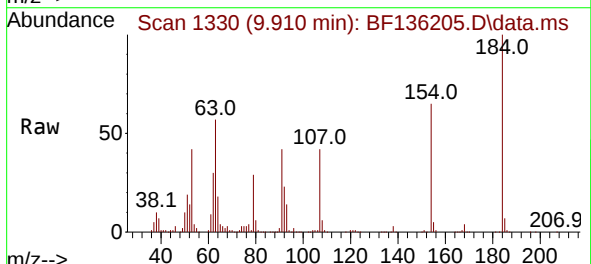
Manual Integrations
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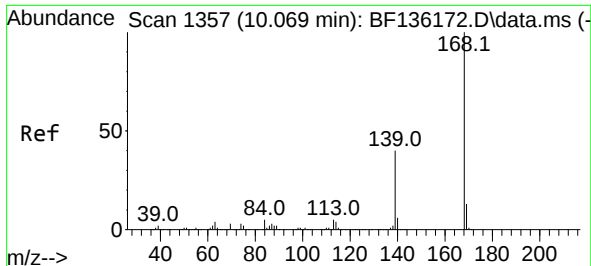
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/27/2023



#54
2,4-Dinitrophenol
Concen: 96.657 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

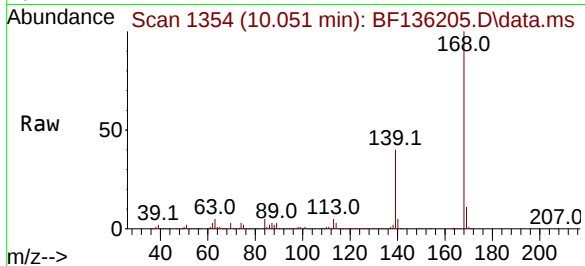
Tgt Ion:184 Resp: 201984
Ion Ratio Lower Upper
184 100
63 57.5 59.1 88.7#
154 65.3 58.2 87.2





#55
Dibenzenofuran
Concen: 50.295 ng
RT: 10.051 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

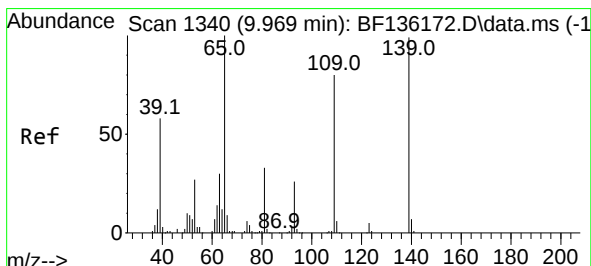
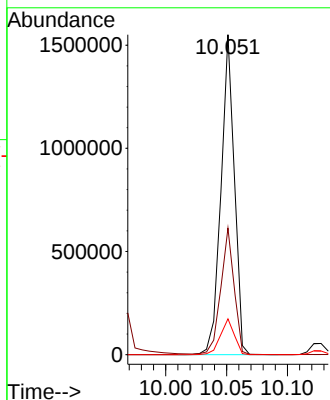
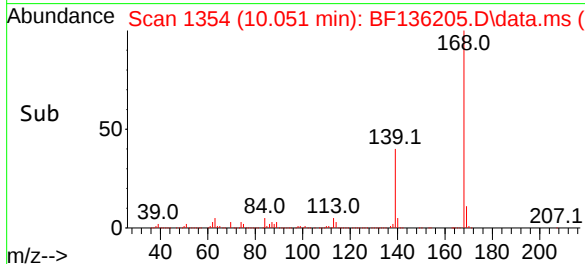
Instrument :
BNA_F
ClientSampleId :
PB157207BS



Tgt Ion:168 Resp: 118873
Ion Ratio Lower Upper
168 100
139 39.5 31.9 47.9
169 11.2 10.6 16.0

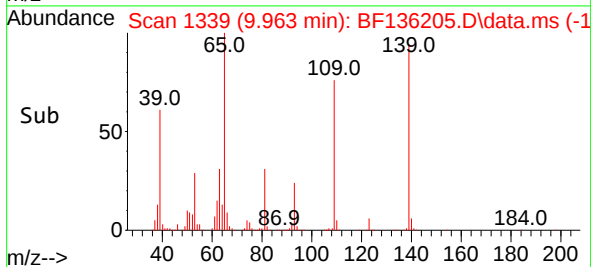
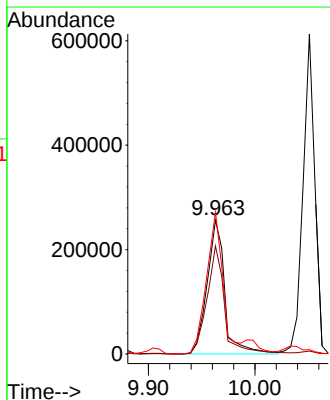
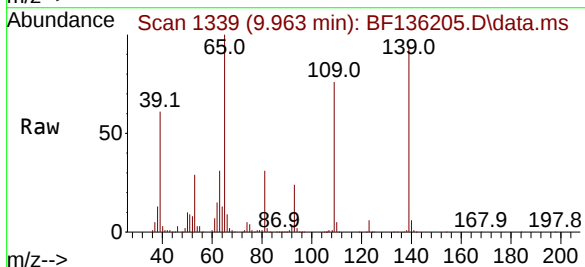
Manual Integrations
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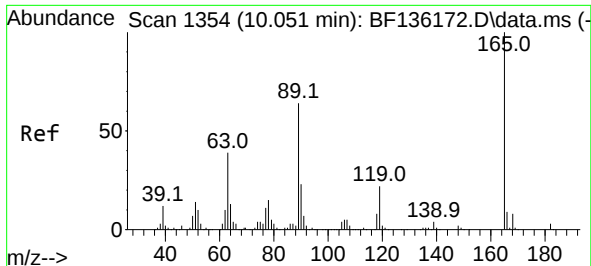
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/27/2023



#56
4-Nitrophenol
Concen: 98.931 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

Tgt Ion:139 Resp: 296262
Ion Ratio Lower Upper
139 100
109 80.7 60.9 100.9
65 106.1 81.6 121.6





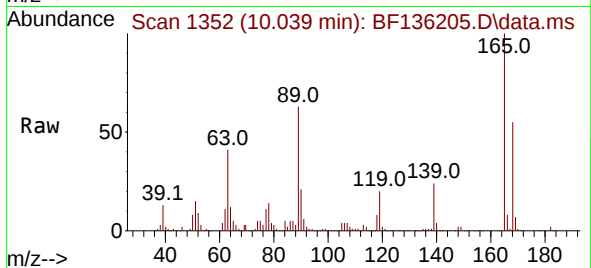
#57
2,4-Dinitrotoluene
Concen: 50.098 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

Instrument :

BNA_F

ClientSampleId :

PB157207BS

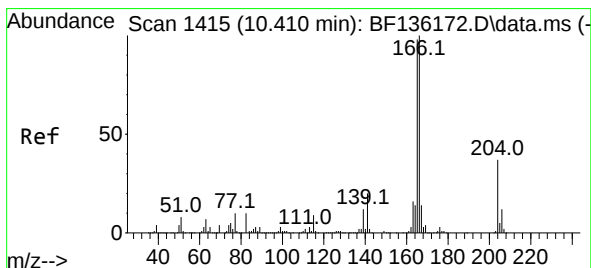
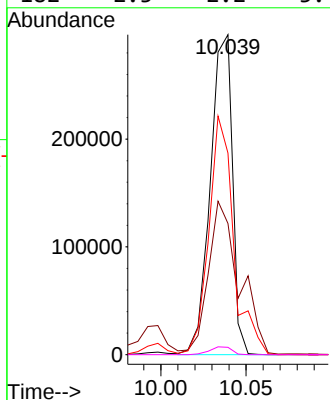
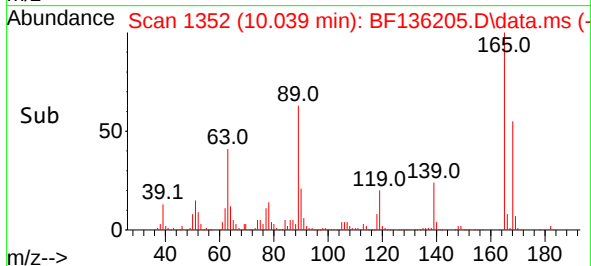


Tgt Ion:165 Resp: 26893
Ion Ratio Lower Upper
165 100
63 41.0 31.4 47.0
89 63.0 51.6 77.4
182 2.3 2.2 3.4

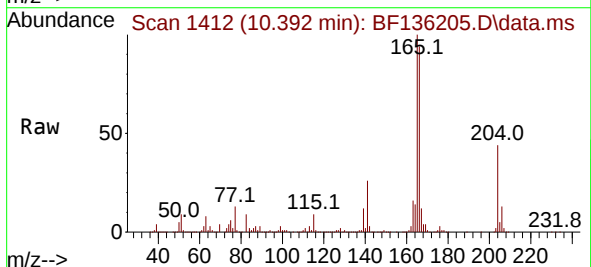
Manual Integrations

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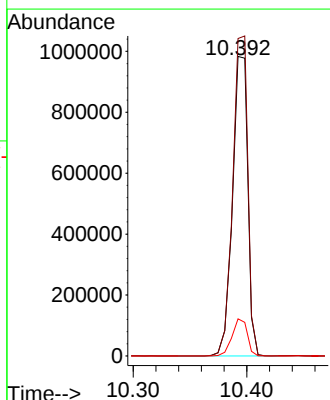
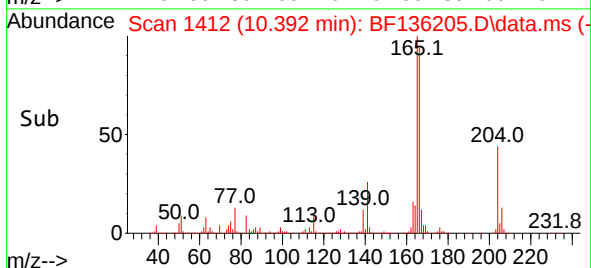
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/27/2023

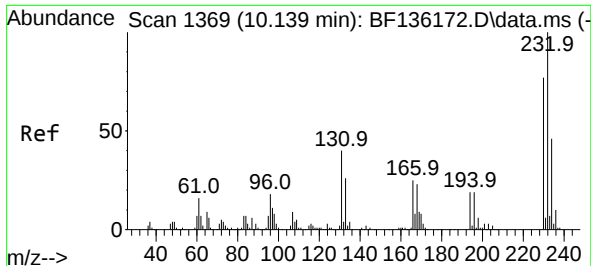


#58
Fluorene
Concen: 51.154 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36



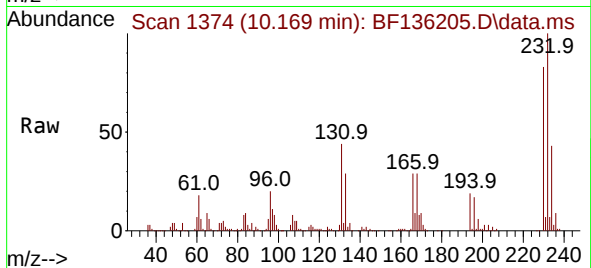
Tgt Ion:166 Resp: 917619
Ion Ratio Lower Upper
166 100
165 105.9 78.8 118.2
167 12.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.018 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.000 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

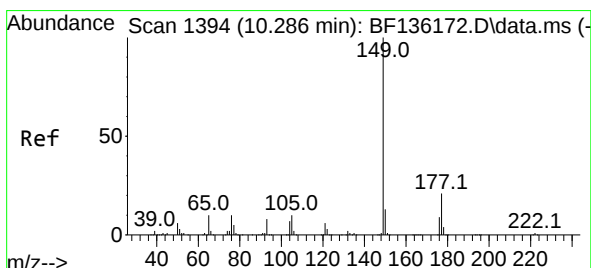
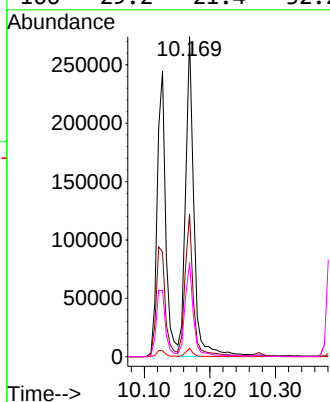
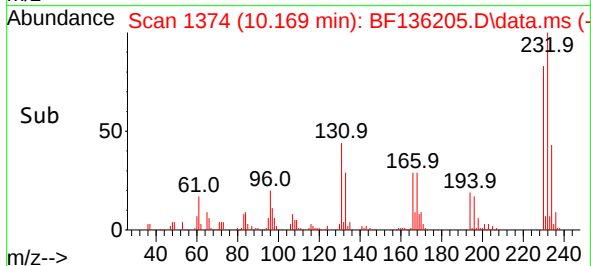
Instrument :
BNA_F
ClientSampleId :
PB157207BS



Tgt Ion:232 Resp: 240988
Ion Ratio Lower Upper
232 100
131 43.6 34.6 52.0
130 2.5 1.9 2.9
166 29.2 21.4 32.2

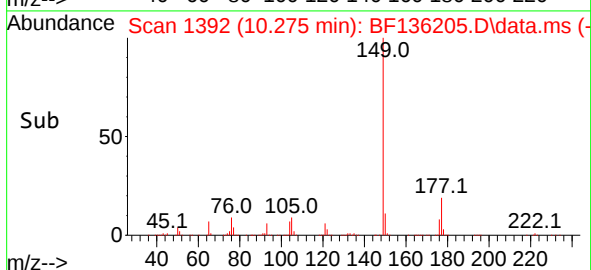
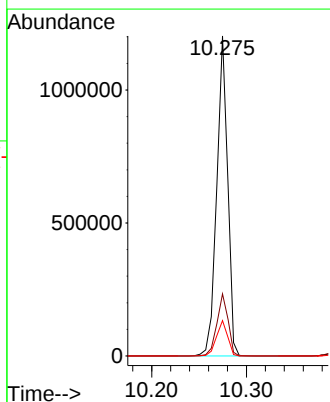
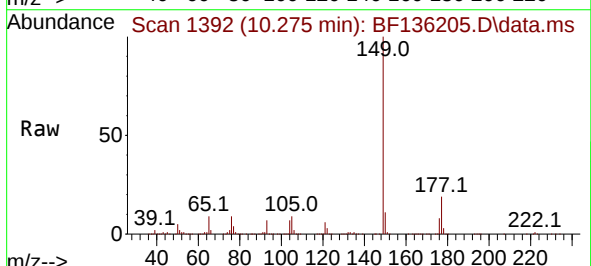
Manual Integrations
APPROVED

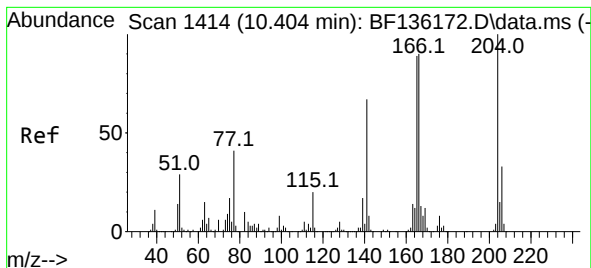
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/27/2023



#60
Diethylphthalate
Concen: 49.142 ng
RT: 10.275 min Scan# 1392
Delta R.T. -0.000 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

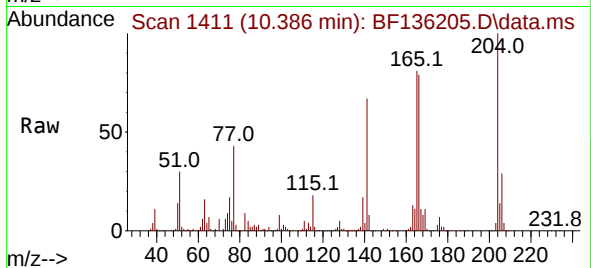
Tgt Ion:149 Resp: 960286
Ion Ratio Lower Upper
149 100
177 19.4 17.2 25.8
150 11.0 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 47.391 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

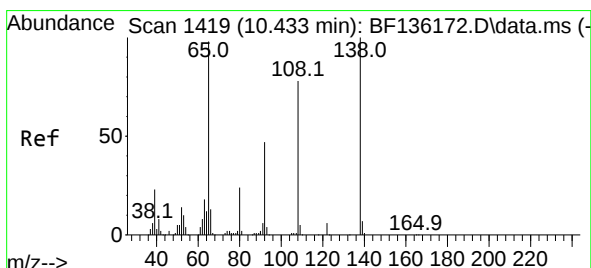
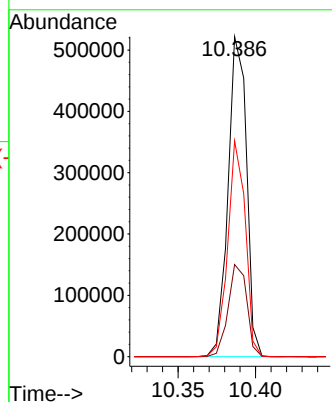
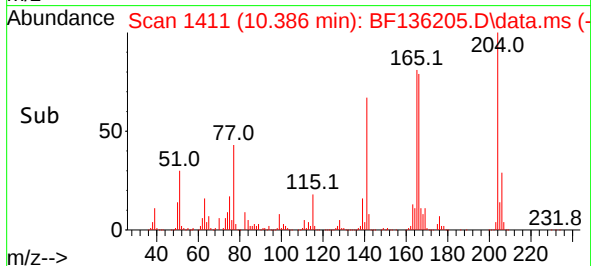
Instrument :
BNA_F
ClientSampleId :
PB157207BS



Tgt Ion:204 Resp: 432154
Ion Ratio Lower Upper
204 100
206 28.8 26.1 39.1
141 67.5 53.9 80.9

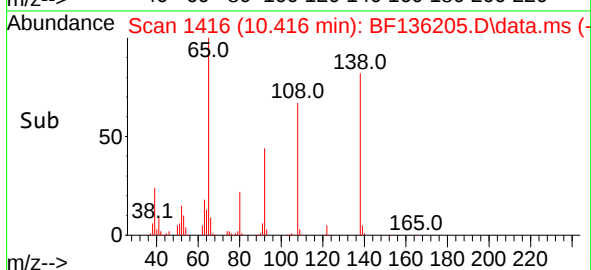
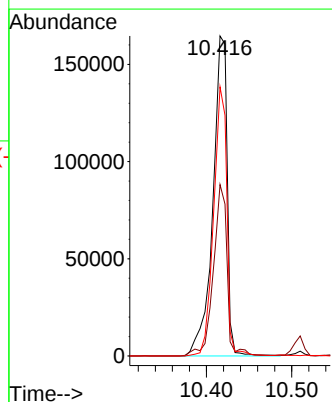
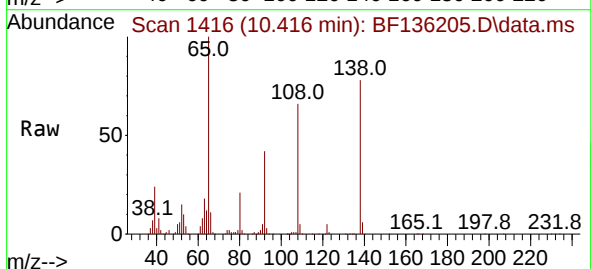
Manual Integrations
APPROVED

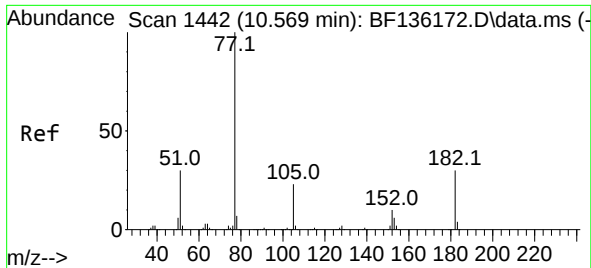
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/27/2023



#62
4-Nitroaniline
Concen: 46.926 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

Tgt Ion:138 Resp: 192728
Ion Ratio Lower Upper
138 100
92 53.6 26.6 66.6
108 84.1 58.0 98.0





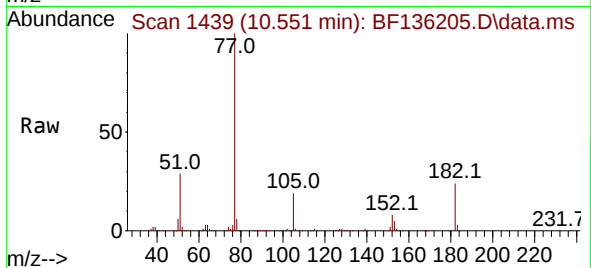
#63
Azobenzene
Concen: 52.238 ng
RT: 10.551 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

Instrument :

BNA_F

ClientSampleId :

PB157207BS

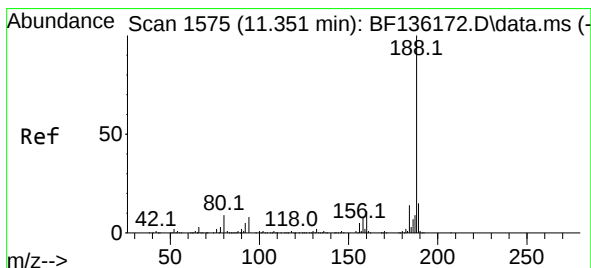
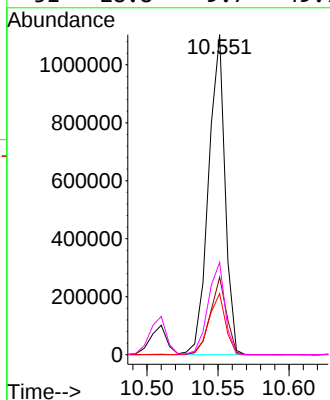
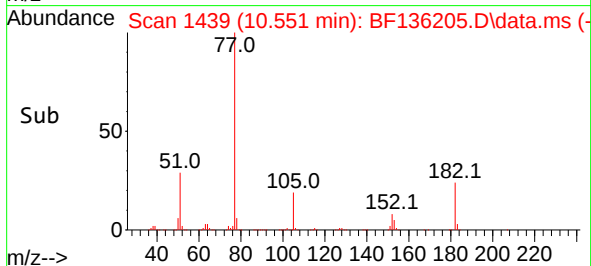


Tgt Ion: 77 Resp: 893130
Ion Ratio Lower Upper
77 100
182 24.2 10.3 50.3
105 19.1 2.6 42.6
51 28.8 9.7 49.7

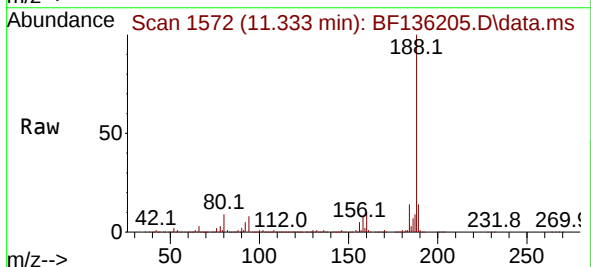
Manual Integrations

APPROVED

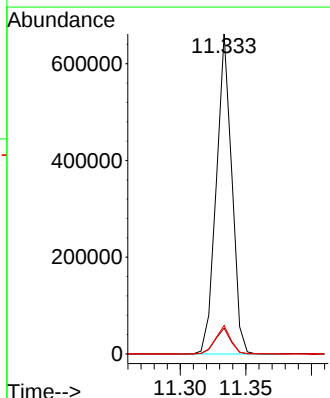
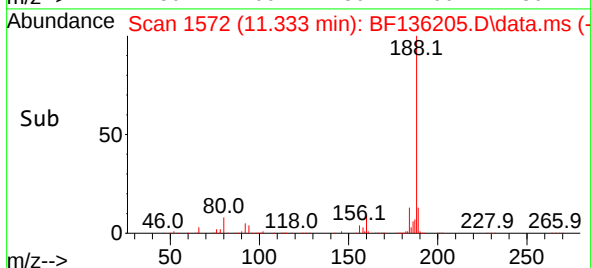
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/27/2023

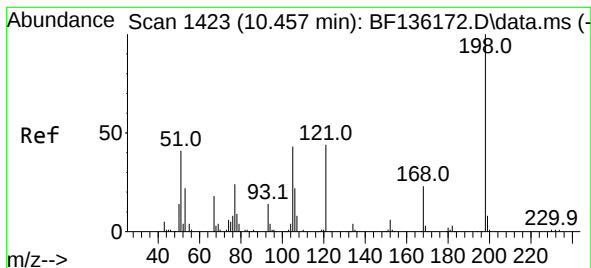


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36



Tgt Ion:188 Resp: 541449
Ion Ratio Lower Upper
188 100
94 8.1 6.6 9.8
80 8.9 7.3 10.9





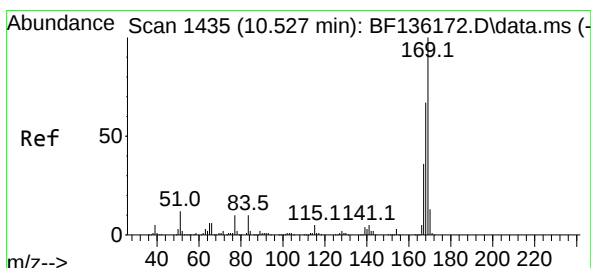
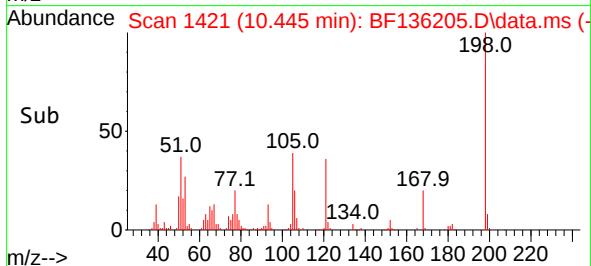
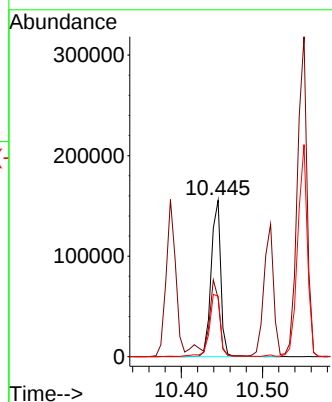
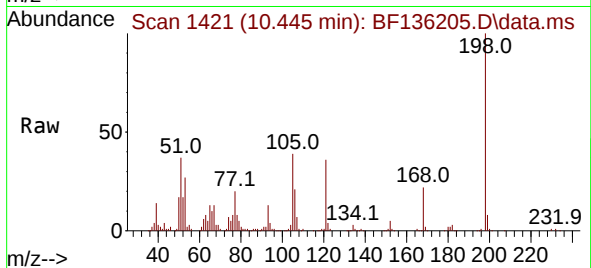
#65
4,6-Dinitro-2-methylphenol
Concen: 41.613 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

Instrument :
BNA_F
ClientSampleId :
PB157207BS

Tgt Ion:198 Resp: 12752
Ion Ratio Lower Upper
198 100
51 37.4 27.3 67.3
105 38.7 24.2 64.2

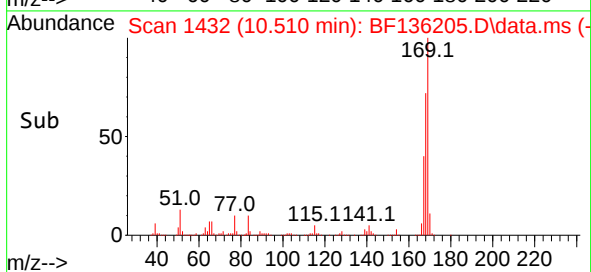
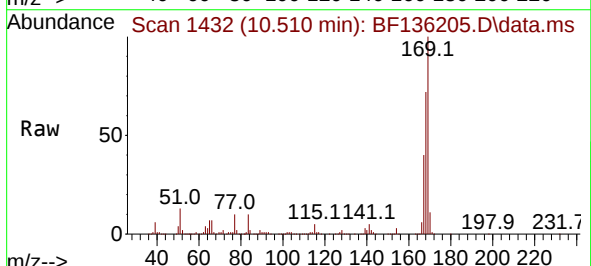
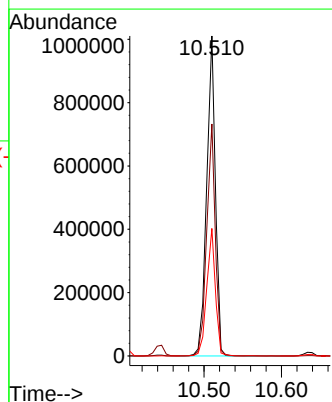
Manual Integrations
APPROVED

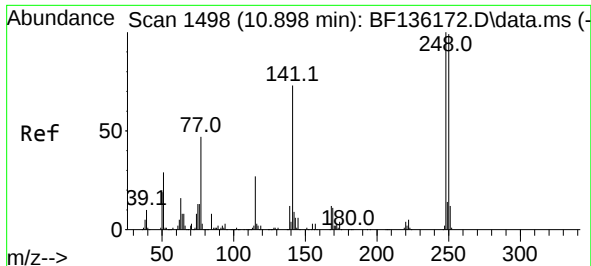
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/27/2023



#66
n-Nitrosodiphenylamine
Concen: 45.997 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

Tgt Ion:169 Resp: 790119
Ion Ratio Lower Upper
169 100
168 72.5 53.9 80.9
167 39.8 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 45.271 ng
RT: 10.881 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

Instrument :

BNA_F

ClientSampleId :

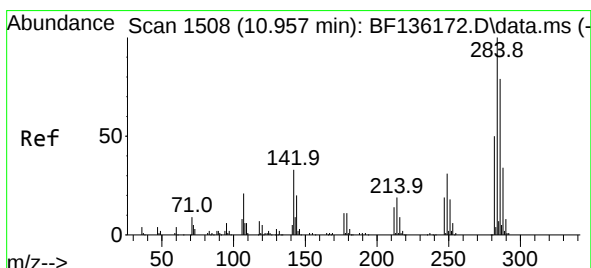
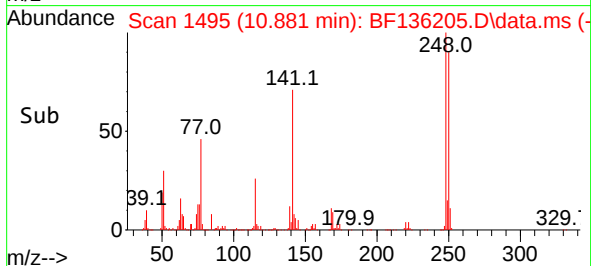
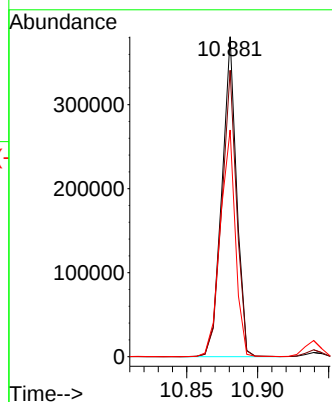
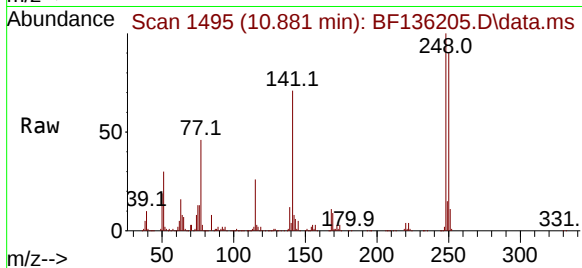
PB157207BS

Tgt Ion:248 Resp: 272990
Ion Ratio Lower Upper
248 100
250 89.5 79.0 118.4
141 70.8 58.8 88.2

Manual Integrations

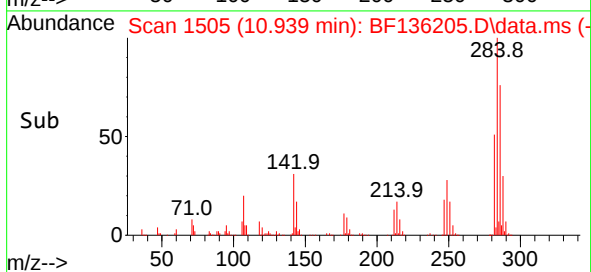
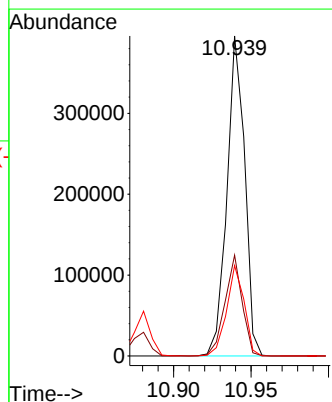
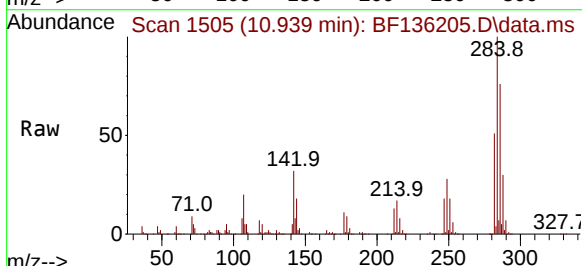
APPROVED

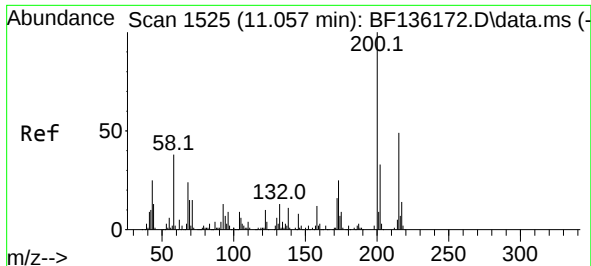
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/27/2023



#68
Hexachlorobenzene
Concen: 49.131 ng
RT: 10.939 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

Tgt Ion:284 Resp: 314544
Ion Ratio Lower Upper
284 100
142 31.5 26.6 39.8
249 28.3 24.6 37.0





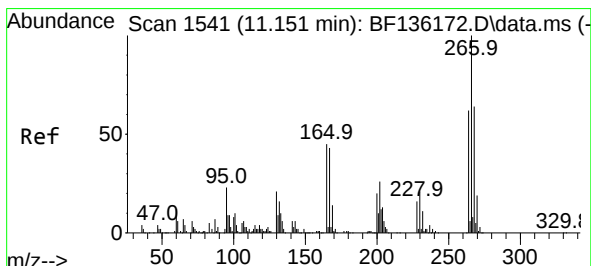
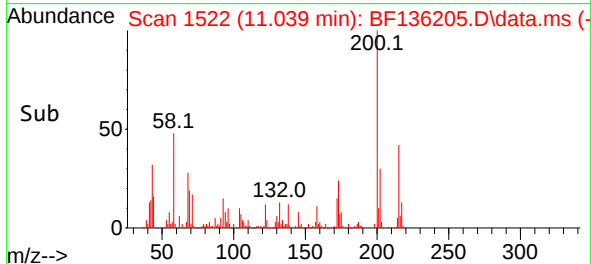
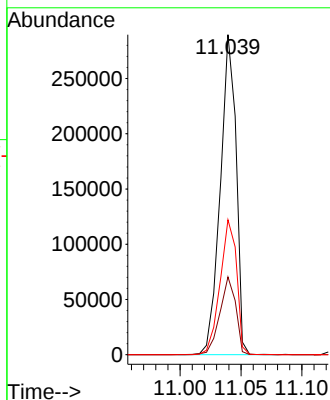
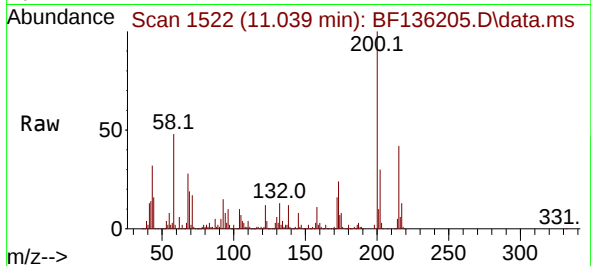
#69
Atrazine
Concen: 60.307 ng
RT: 11.039 min Scan# 1539
Delta R.T. -0.000 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

Instrument :
BNA_F
ClientSampleId :
PB157207BS

Tgt Ion:200 Resp: 262445
Ion Ratio Lower Upper
200 100
173 24.3 4.9 44.9
215 42.1 28.9 68.9

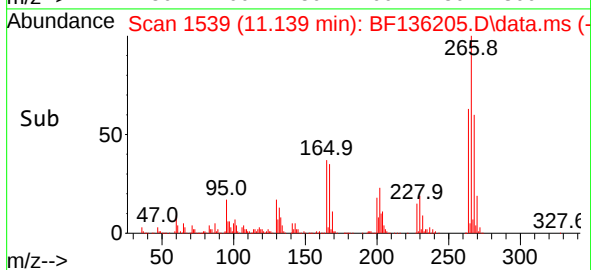
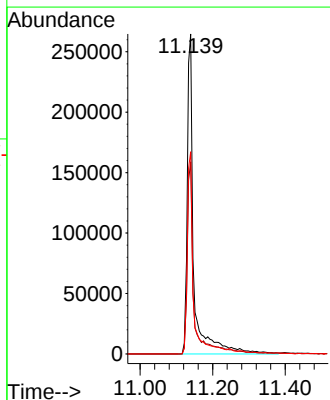
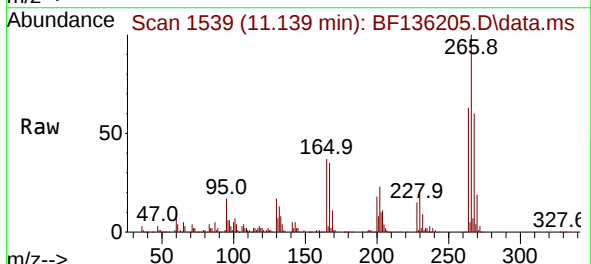
Manual Integrations
APPROVED

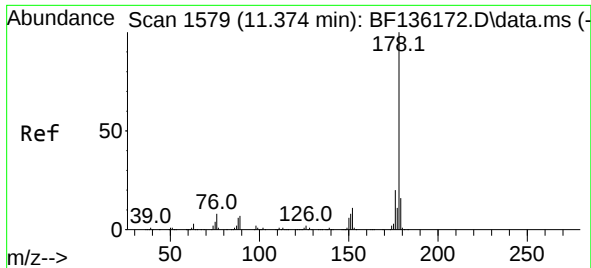
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/27/2023



#70
Pentachlorophenol
Concen: 93.435 ng
RT: 11.139 min Scan# 1539
Delta R.T. -0.000 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

Tgt Ion:266 Resp: 334563
Ion Ratio Lower Upper
266 100
268 60.1 50.8 76.2
264 63.2 50.0 75.0





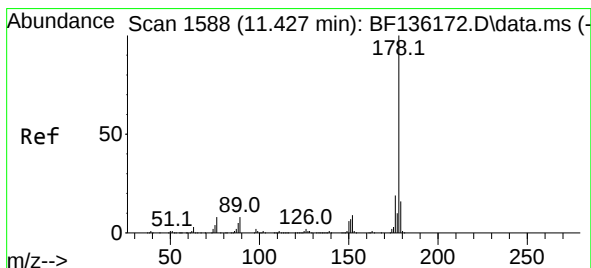
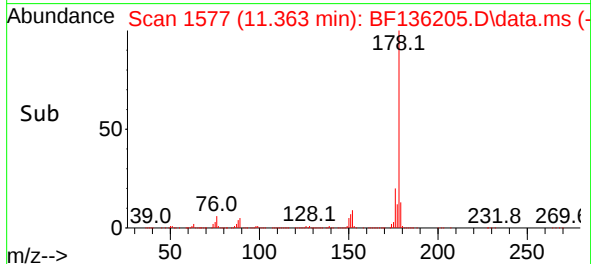
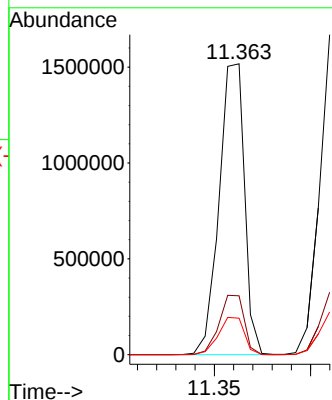
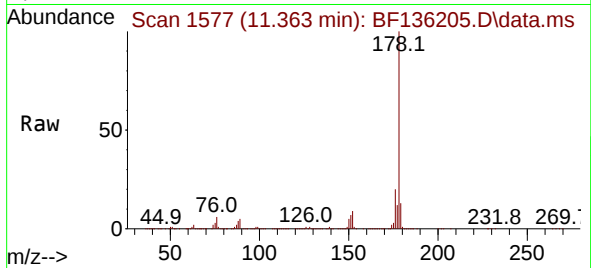
#71
Phenanthrene
Concen: 50.276 ng m
RT: 11.363 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

Instrument :
BNA_F
ClientSampleId :
PB157207BS

Tgt Ion:178 Resp: 1393980
Ion Ratio Lower Upper
178 100
176 20.3 15.8 23.8
179 12.6 12.7 19.1

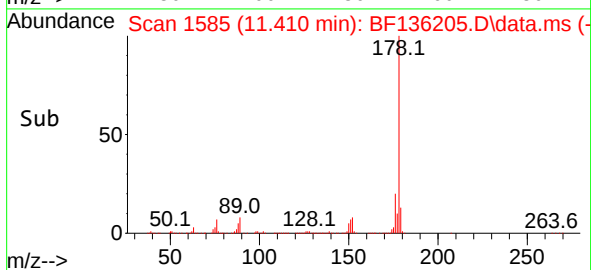
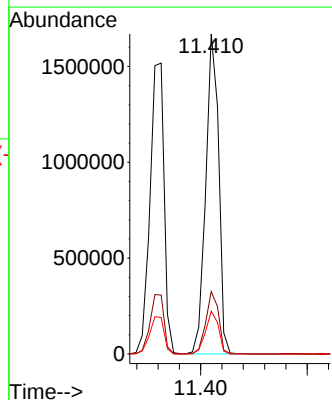
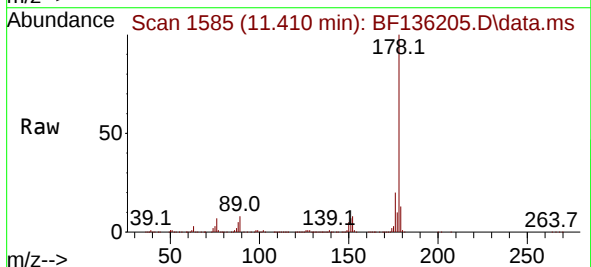
Manual Integrations
APPROVED

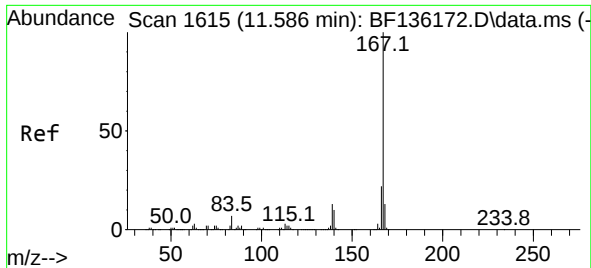
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/27/2023



#72
Anthracene
Concen: 49.899 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

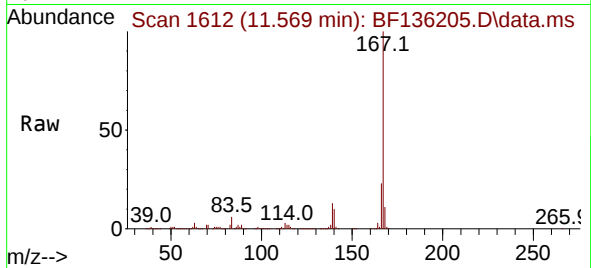
Tgt Ion:178 Resp: 1412272
Ion Ratio Lower Upper
178 100
176 19.5 15.0 22.4
179 13.3 12.6 18.8





#73
 Carbazole
 Concen: 51.492 ng
 RT: 11.569 min Scan# 1612
 Delta R.T. -0.000 min
 Lab File: BF136205.D
 Acq: 25 Nov 2023 05:36

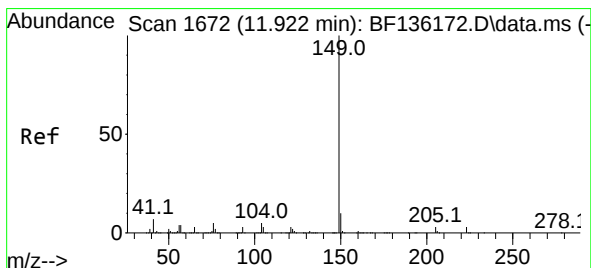
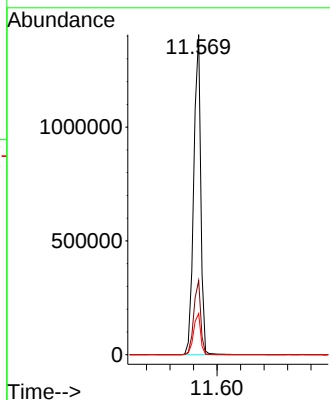
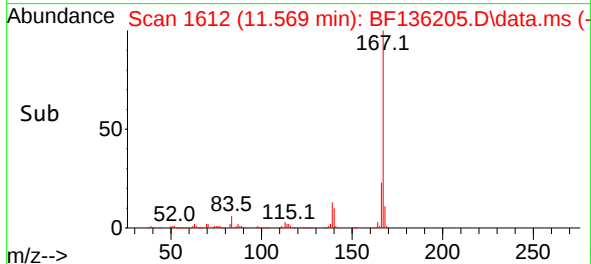
Instrument :
 BNA_F
 ClientSampleId :
 PB157207BS



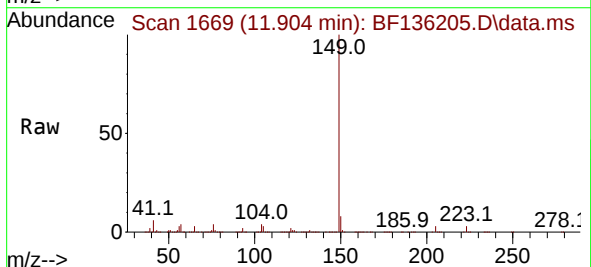
Tgt Ion:167 Resp: 1167770
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.3 25.9
 139 12.8 10.7 16.1

Manual Integrations
 APPROVED

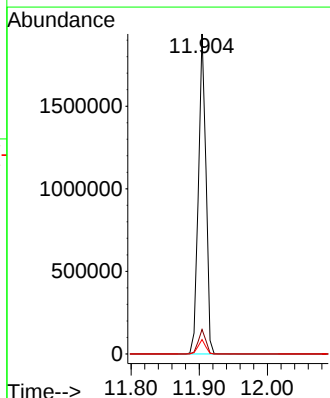
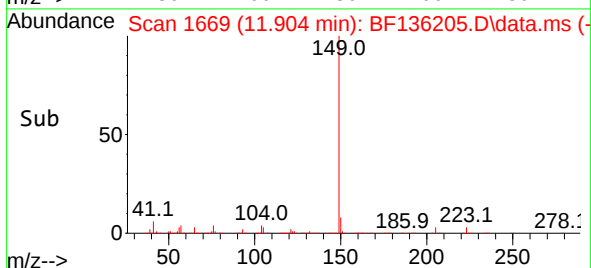
Reviewed By :Yogesh Patel 11/27/2023
 Supervised By :mohammad ahmed 11/27/2023

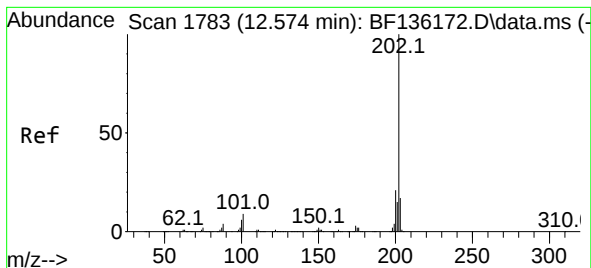


#74
 Di-n-butylphthalate
 Concen: 55.200 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF136205.D
 Acq: 25 Nov 2023 05:36



Tgt Ion:149 Resp: 1480968
 Ion Ratio Lower Upper
 149 100
 150 7.6 7.7 11.5#
 104 4.5 4.2 6.2





#75

Fluoranthene

Concen: 51.114 ng

RT: 12.551 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136205.D

Acq: 25 Nov 2023 05:36

Instrument :

BNA_F

ClientSampleId :

PB157207BS

Tgt Ion:202 Resp: 1294238

Ion Ratio Lower Upper

202 100

101 8.5 0.0 28.6

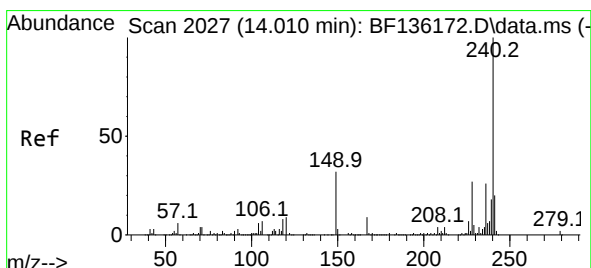
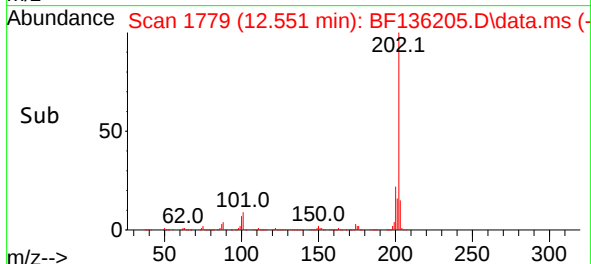
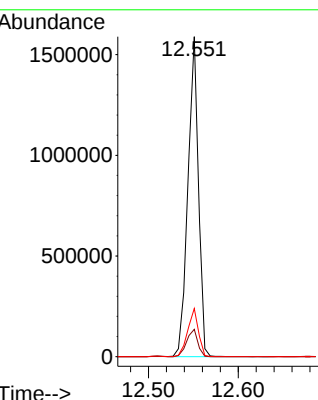
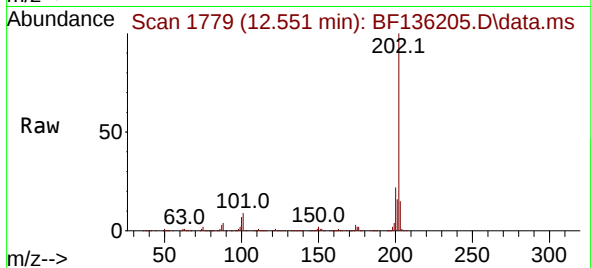
203 15.1 0.0 37.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2023

Supervised By :mohammad ahmed 11/27/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.000 min

Lab File: BF136205.D

Acq: 25 Nov 2023 05:36

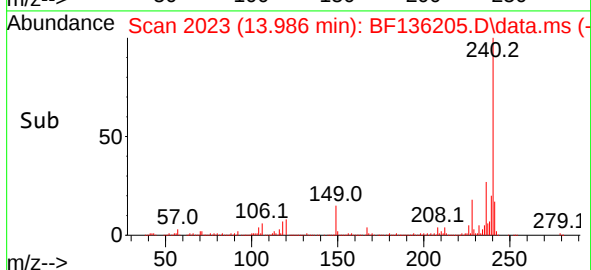
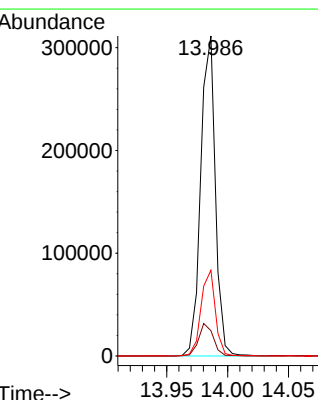
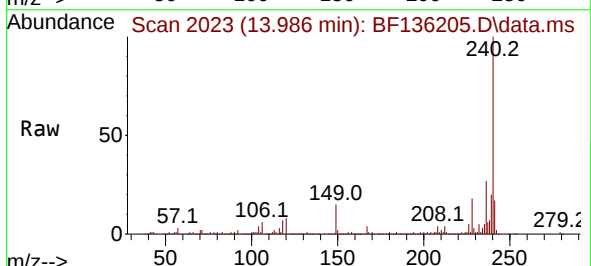
Tgt Ion:240 Resp: 261209

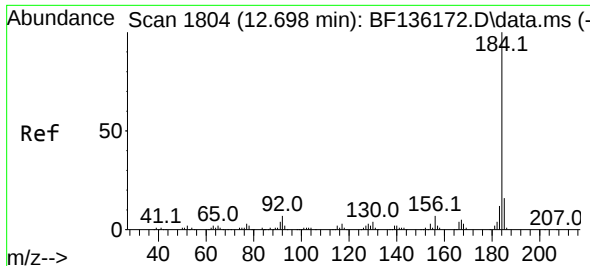
Ion Ratio Lower Upper

240 100

120 7.9 7.1 10.7

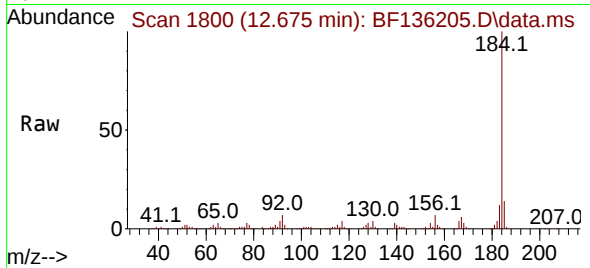
236 26.8 20.9 31.3





#77
Benzidine
Concen: 54.982 ng
RT: 12.675 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

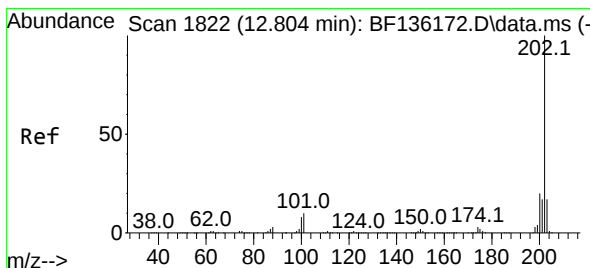
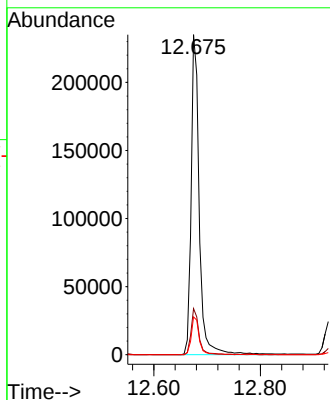
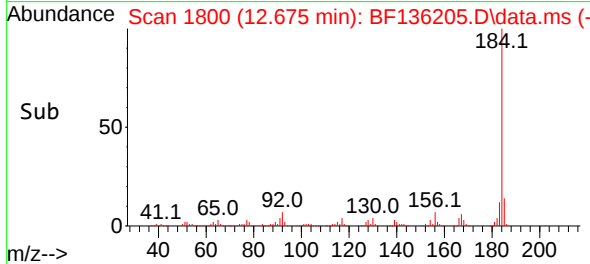
Instrument :
BNA_F
ClientSampleId :
PB157207BS



Tgt Ion:184 Resp: 248680
Ion Ratio Lower Upper
184 100
185 14.4 12.6 18.8
183 11.8 9.2 13.8

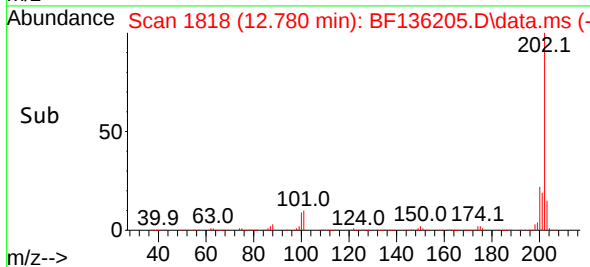
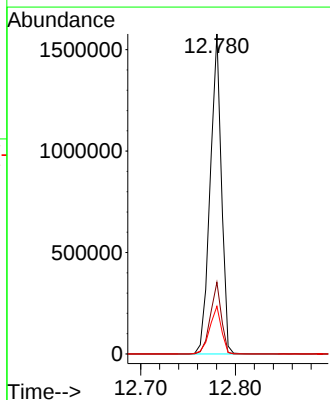
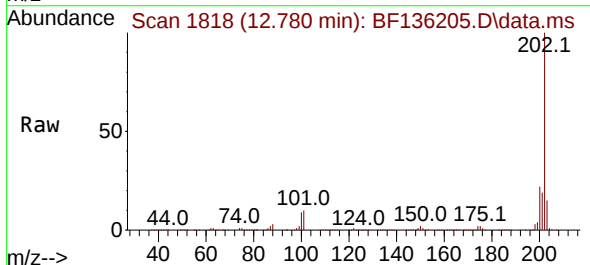
Manual Integrations
APPROVED

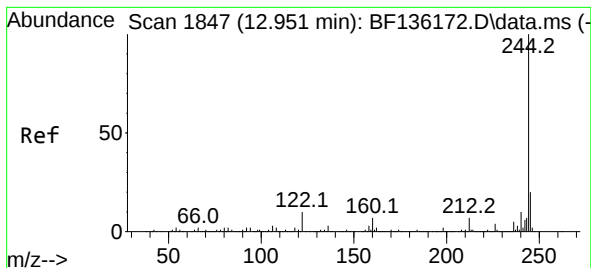
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/27/2023



#78
Pyrene
Concen: 52.986 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

Tgt Ion:202 Resp: 1294244
Ion Ratio Lower Upper
202 100
200 22.4 16.2 24.2
203 14.9 13.6 20.4





#79

Terphenyl-d14

Concen: 108.970 ng

RT: 12.927 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BF136205.D

Acq: 25 Nov 2023 05:36

Instrument :

BNA_F

ClientSampleId :

PB157207BS

Tgt Ion:244 Resp: 200523

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

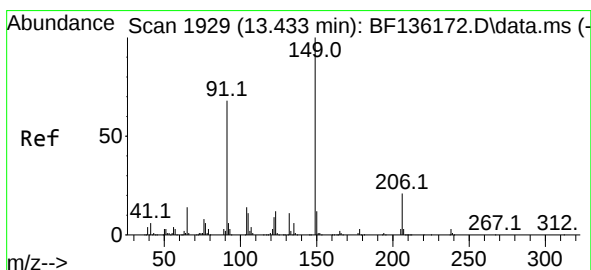
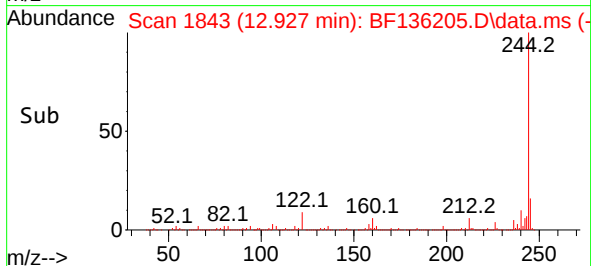
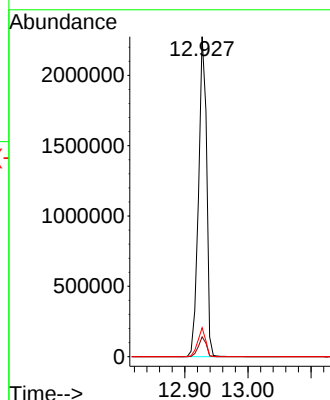
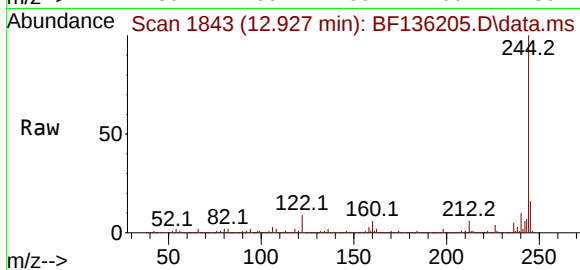
122 9.0 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2023

Supervised By :mohammad ahmed 11/27/2023



#80

Butylbenzylphthalate

Concen: 54.623 ng

RT: 13.410 min Scan# 1925

Delta R.T. -0.006 min

Lab File: BF136205.D

Acq: 25 Nov 2023 05:36

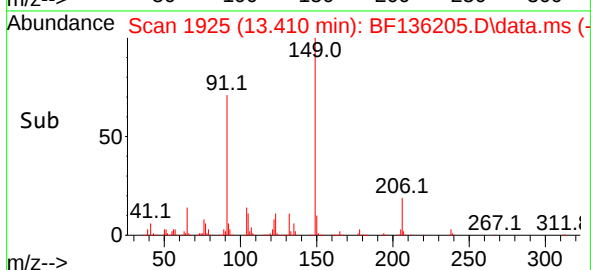
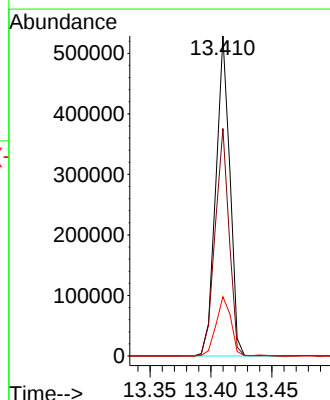
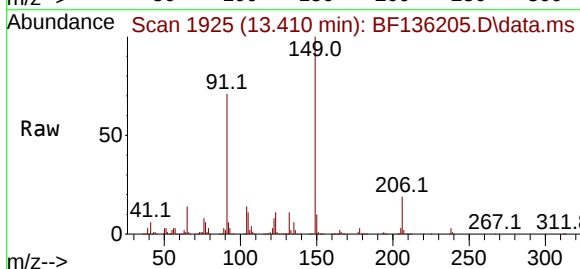
Tgt Ion:149 Resp: 425149

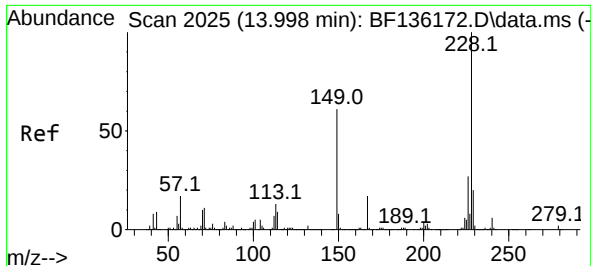
Ion Ratio Lower Upper

149 100

91 71.1 54.2 81.2

206 18.5 16.6 25.0





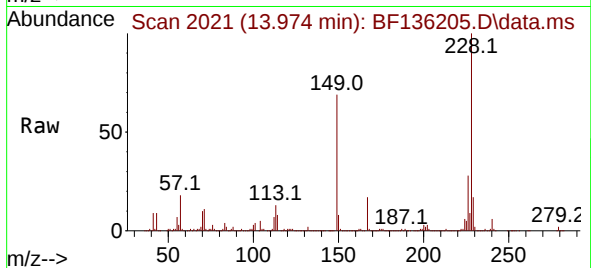
#81
Benzo(a)anthracene
Concen: 52.390 ng
RT: 13.974 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

Instrument :

BNA_F

ClientSampleId :

PB157207BS

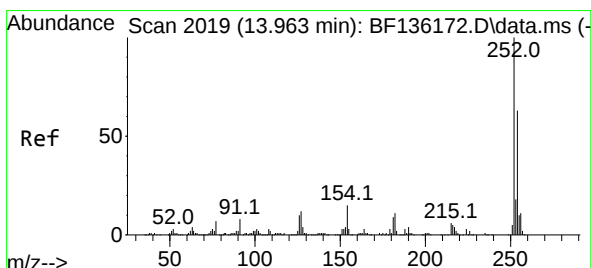
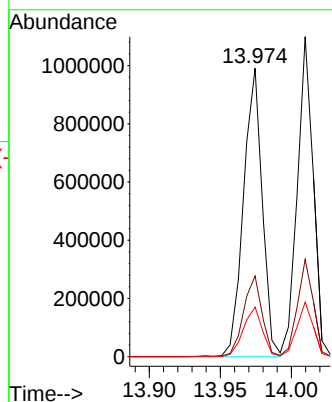
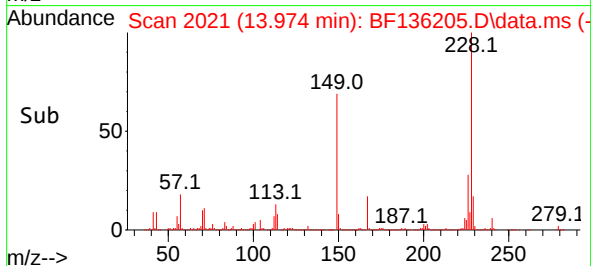


Tgt Ion:228 Resp: 907694
Ion Ratio Lower Upper
228 100
226 28.0 21.3 31.9
229 17.2 15.9 23.9

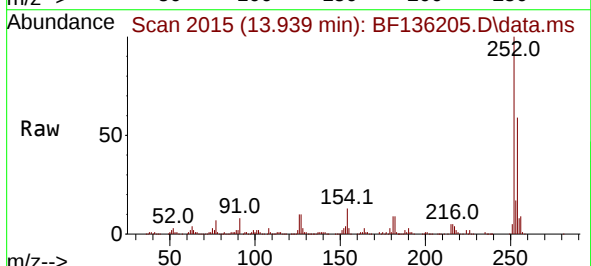
Manual Integrations

APPROVED

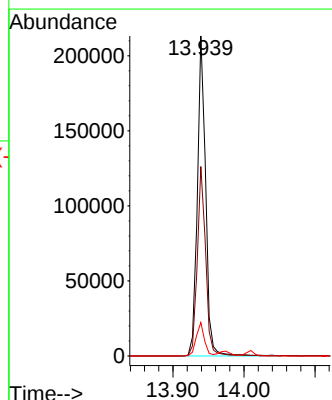
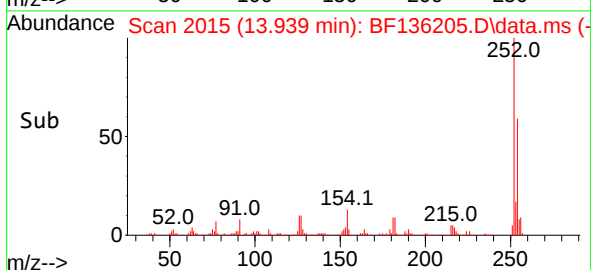
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/27/2023

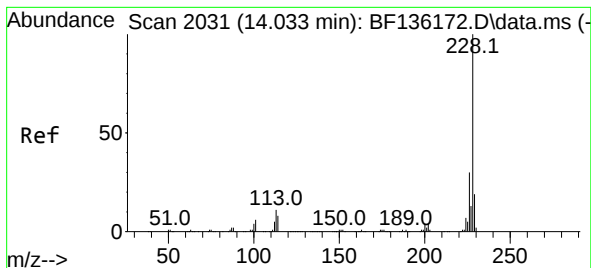


#82
3,3'-Dichlorobenzidine
Concen: 31.263 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36



Tgt Ion:252 Resp: 173883
Ion Ratio Lower Upper
252 100
254 59.2 50.7 76.1
126 10.4 8.2 12.2





#83

Chrysene

Concen: 50.615 ng

RT: 14.010 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF136205.D

Acq: 25 Nov 2023 05:36

Instrument :

BNA_F

ClientSampleId :

PB157207BS

Tgt Ion:228 Resp: 857930

Ion Ratio Lower Upper

228 100

226 30.4 23.8 35.6

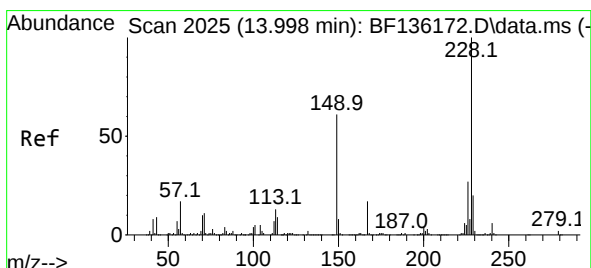
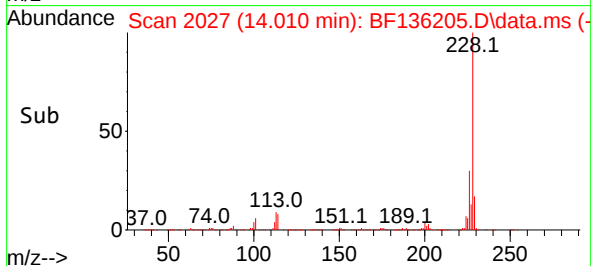
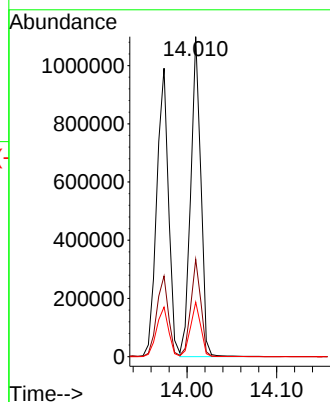
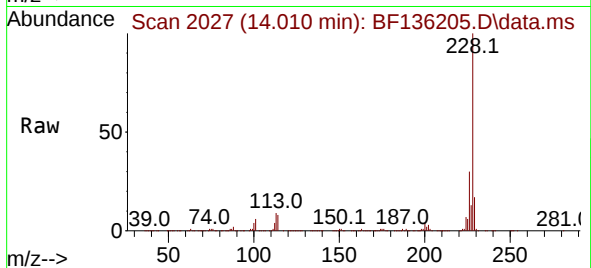
229 17.1 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2023

Supervised By :mohammad ahmed 11/27/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.823 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136205.D

Acq: 25 Nov 2023 05:36

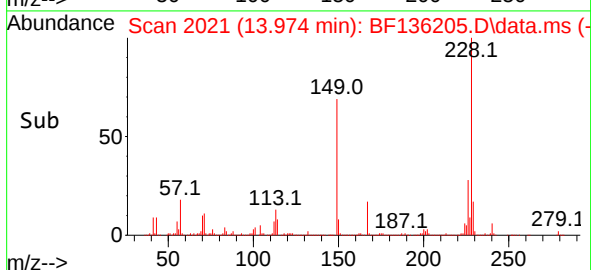
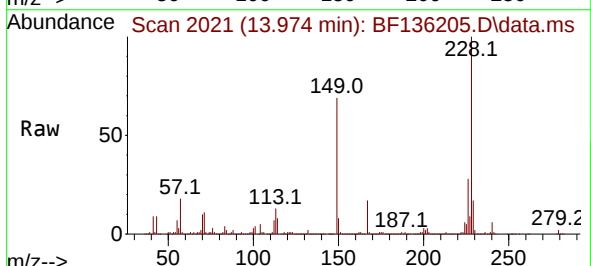
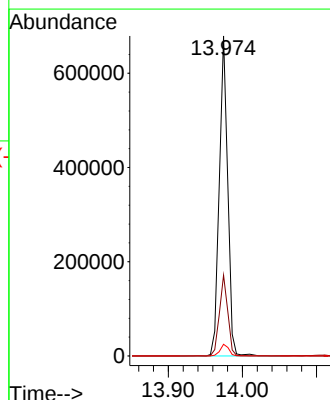
Tgt Ion:149 Resp: 533818

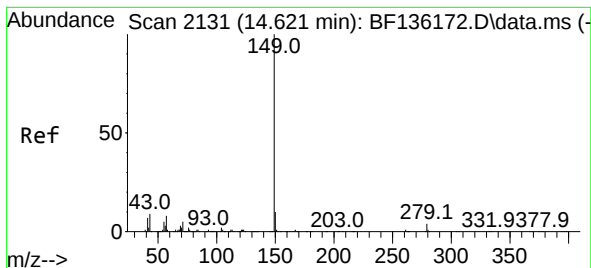
Ion Ratio Lower Upper

149 100

167 25.3 21.8 32.8

279 3.6 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 54.019 ng

RT: 14.592 min Scan# 2131

Delta R.T. -0.006 min

Lab File: BF136205.D

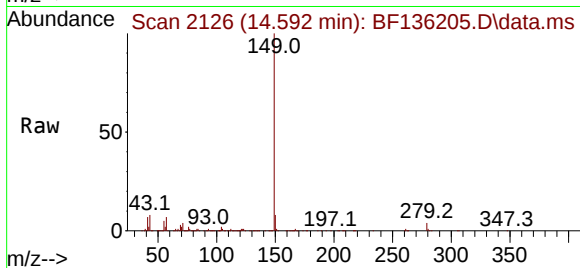
Acq: 25 Nov 2023 05:36

Instrument :

BNA_F

ClientSampleId :

PB157207BS



Tgt Ion:149 Resp: 849650

Ion Ratio Lower Upper

149 100

167 1.3 1.1 1.7

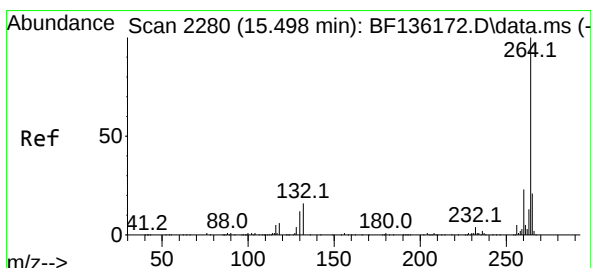
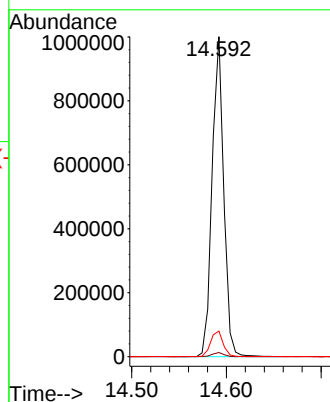
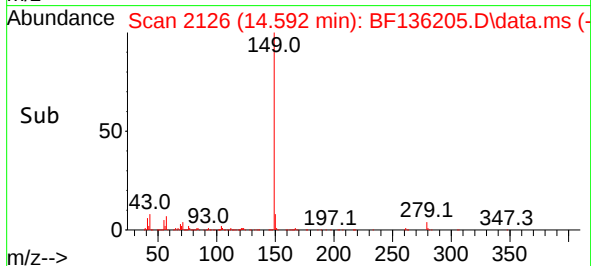
43 8.9 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2023

Supervised By :mohammad ahmed 11/27/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2274

Delta R.T. -0.006 min

Lab File: BF136205.D

Acq: 25 Nov 2023 05:36

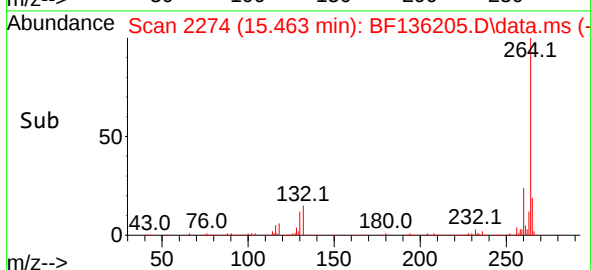
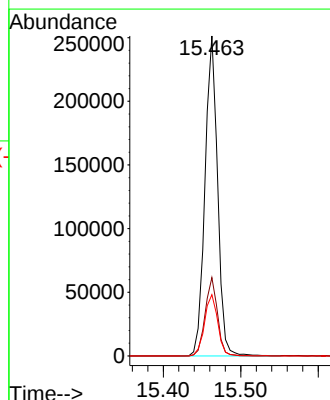
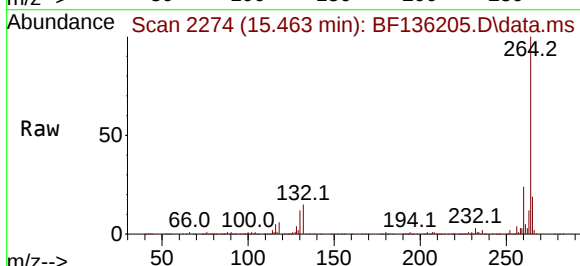
Tgt Ion:264 Resp: 283788

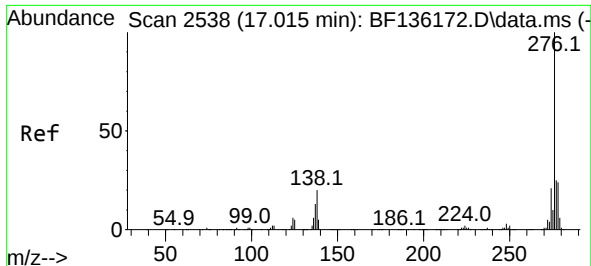
Ion Ratio Lower Upper

264 100

260 24.5 18.5 27.7

265 19.2 16.9 25.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.186 ng
RT: 16.974 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

Instrument :

BNA_F

ClientSampleId :

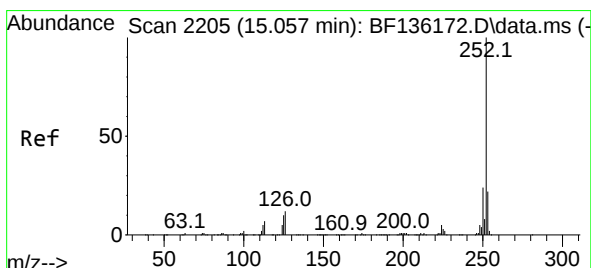
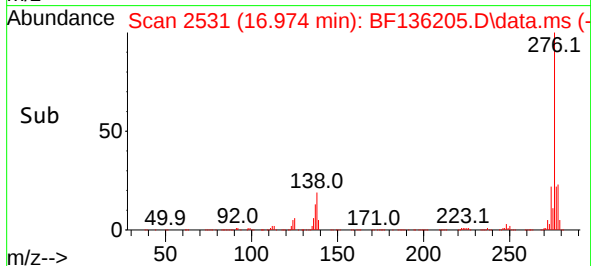
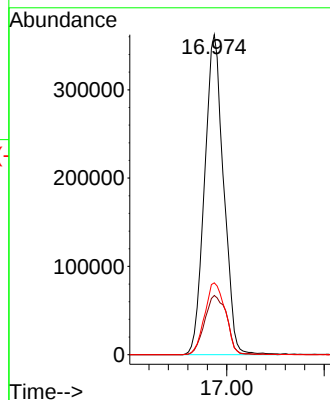
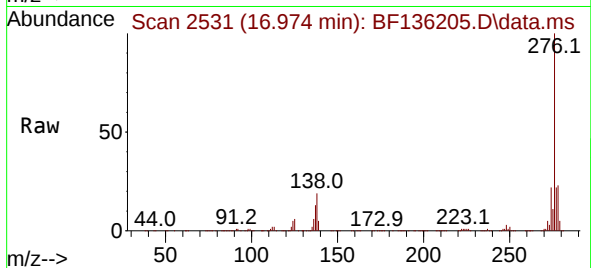
PB157207BS

Tgt Ion:276 Resp: 98114
Ion Ratio Lower Upper
276 100
138 21.6 17.7 26.5
277 24.6 20.6 31.0

Manual Integrations

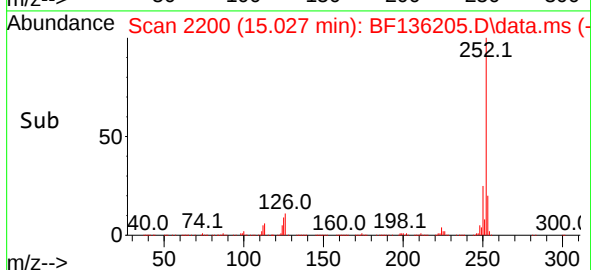
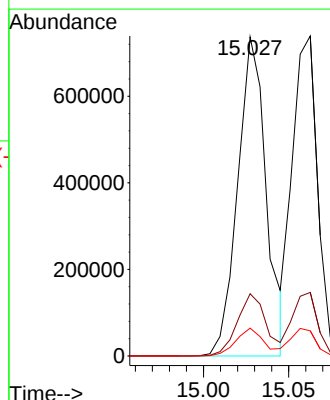
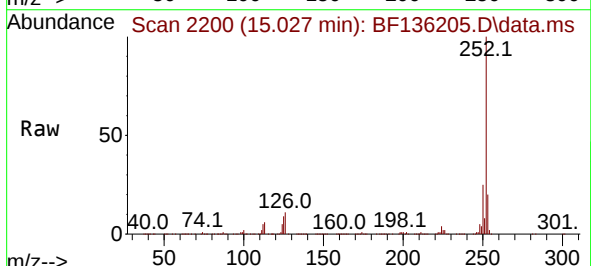
APPROVED

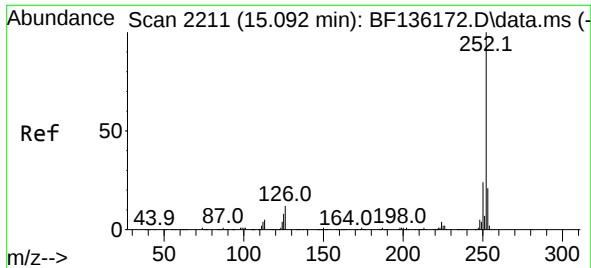
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/27/2023



#88
Benzo(b)fluoranthene
Concen: 54.804 ng
RT: 15.027 min Scan# 2200
Delta R.T. -0.006 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

Tgt Ion:252 Resp: 858673
Ion Ratio Lower Upper
252 100
253 19.5 17.6 26.4
125 8.7 7.8 11.8





#89
Benzo(k)fluoranthene
Concen: 48.697 ng
RT: 15.063 min Scan# 2206
Delta R.T. -0.000 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

Instrument :

BNA_F

ClientSampleId :

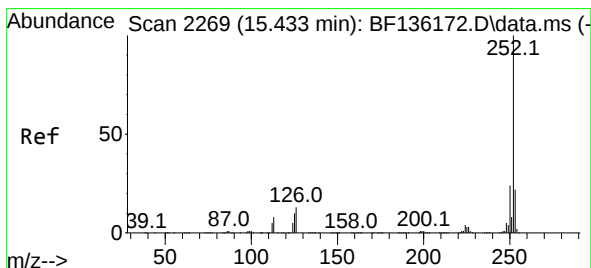
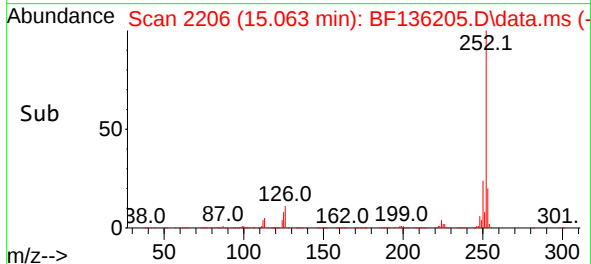
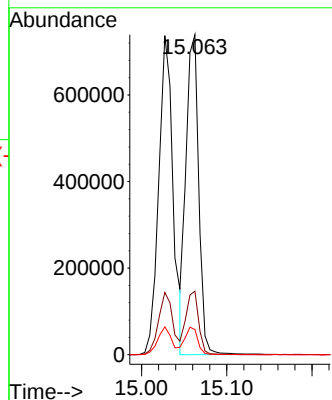
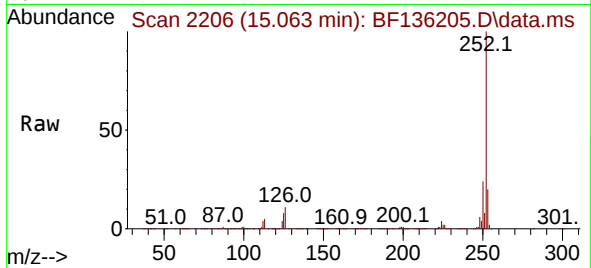
PB157207BS

Tgt Ion:252 Resp: 768330
Ion Ratio Lower Upper
252 100
253 19.8 17.3 25.9
125 7.9 6.7 10.1

Manual Integrations

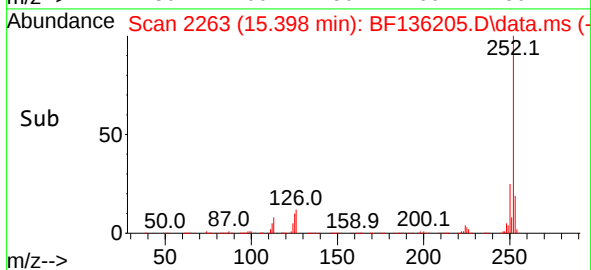
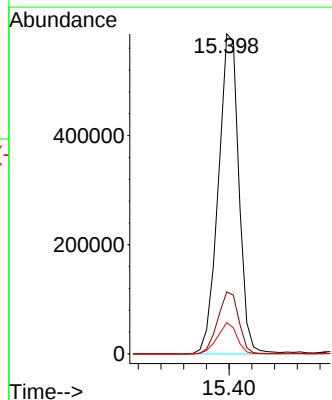
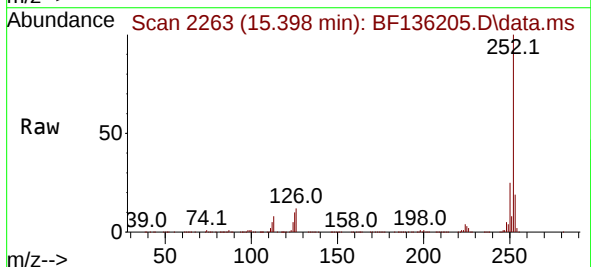
APPROVED

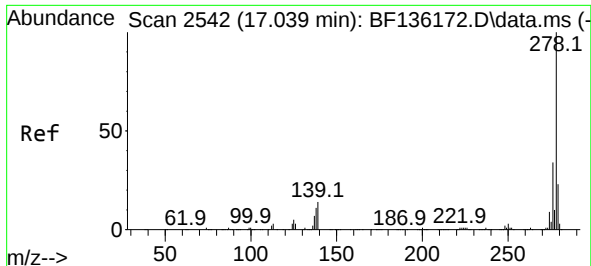
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/27/2023



#90
Benzo(a)pyrene
Concen: 47.755 ng
RT: 15.398 min Scan# 2263
Delta R.T. -0.012 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

Tgt Ion:252 Resp: 737990
Ion Ratio Lower Upper
252 100
253 19.4 17.3 25.9
125 9.8 7.7 11.5





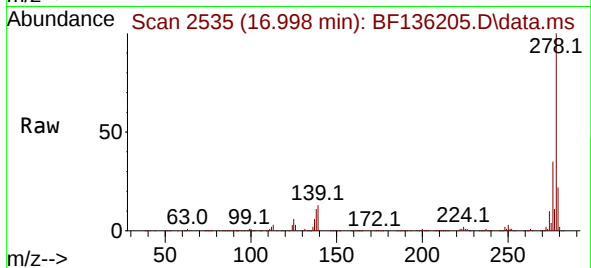
#91
Dibenzo(a,h)anthracene
Concen: 46.462 ng
RT: 16.998 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36

Instrument :

BNA_F

ClientSampleId :

PB157207BS



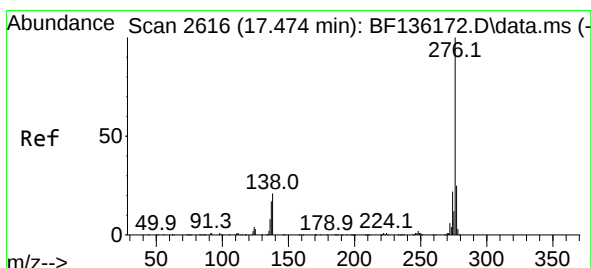
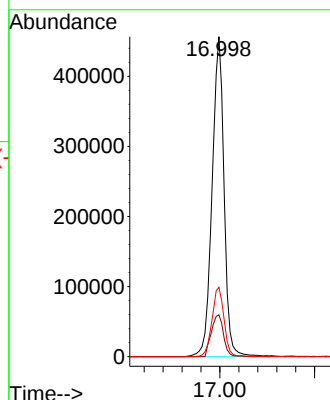
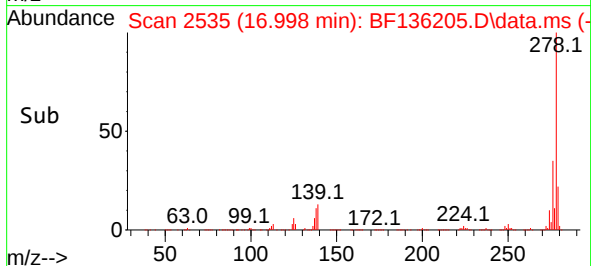
Tgt Ion:278 Resp: 80064
Ion Ratio Lower Upper
278 100
139 13.1 11.2 16.8
279 21.7 18.6 27.8

Manual Integrations

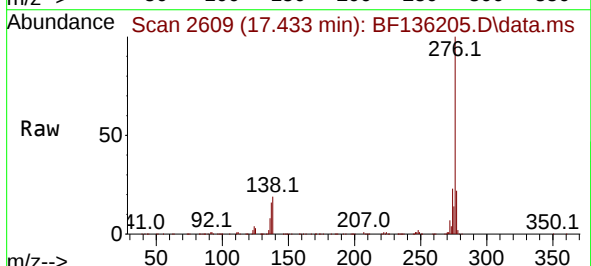
APPROVED

Reviewed By :Yogesh Patel 11/27/2023

Supervised By :mohammad ahmed 11/27/2023



#92
Benzo(g,h,i)perylene
Concen: 43.505 ng
RT: 17.433 min Scan# 2609
Delta R.T. -0.006 min
Lab File: BF136205.D
Acq: 25 Nov 2023 05:36



Tgt Ion:276 Resp: 760089
Ion Ratio Lower Upper
276 100
277 22.1 19.8 29.6
138 19.4 16.4 24.6

