

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136715.D
 Acq On : 26 Dec 2023 12:50
 Operator : CG\JU
 Sample : PB157895BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157895BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/27/2023
 Supervised By :mohammad ahmed 12/27/2023

Quant Time: Dec 26 13:14:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	98829	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	404330	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	192639	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	359576	20.000	ng	0.00
76) Chrysene-d12	13.968	240	188950	20.000	ng	0.00
86) Perylene-d12	15.445	264	153171	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	740610	116.925	ng	0.02
7) Phenol-d6	6.445	99	902137	109.918	ng	0.00
23) Nitrobenzene-d5	7.357	82	577085	73.035	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	254535	112.192	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1057927	73.863	ng	0.00
79) Terphenyl-d14	12.910	244	1035960	76.619	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	77091	29.211	ng	98
3) Pyridine	3.399	79	187533	29.124	ng	98
4) n-Nitrosodimethylamine	3.363	42	137925	40.110	ng	95
6) Aniline	6.451	93	199655	24.331	ng	# 20
8) 2-Chlorophenol	6.581	128	292709	42.229	ng	95
9) Benzaldehyde	6.340	77	66848	14.319	ng	99
10) Phenol	6.457	94	331869	37.878	ng	99
11) bis(2-Chloroethyl)ether	6.528	93	275126	41.292	ng	99
12) 1,3-Dichlorobenzene	6.728	146	289367	38.268	ng	99
13) 1,4-Dichlorobenzene	6.804	146	298432	38.626	ng	99
14) 1,2-Dichlorobenzene	6.957	146	280270	38.984	ng	98
15) Benzyl Alcohol	6.939	79	236923	42.789	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	438876	40.288	ng	86
17) 2-Methylphenol	7.051	107	223598	38.939	ng	95
18) Hexachloroethane	7.292	117	108175	38.552	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	194559	39.105	ng	97
20) 3+4-Methylphenols	7.204	107	274764	38.300	ng	# 84
22) Acetophenone	7.198	105	396392	39.113	ng	94
24) Nitrobenzene	7.375	77	297516	37.588	ng	96
25) Isophorone	7.610	82	537944	37.415	ng	99
26) 2-Nitrophenol	7.686	139	152930	40.383	ng	99
27) 2,4-Dimethylphenol	7.728	122	224546	48.704	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	329207	37.669	ng	100
29) 2,4-Dichlorophenol	7.934	162	222503	37.486	ng	96
30) 1,2,4-Trichlorobenzene	8.010	180	252468	38.175	ng	98
31) Naphthalene	8.086	128	829884	37.361	ng	99
32) Benzoic acid	7.881	122	177261	39.736	ng	97
33) 4-Chloroaniline	8.139	127	175175	21.359	ng	98
34) Hexachlorobutadiene	8.198	225	146784	36.531	ng	98
35) Caprolactam	8.522	113	73869m	37.725	ng	
36) 4-Chloro-3-methylphenol	8.633	107	245823	36.788	ng	99
37) 2-Methylnaphthalene	8.781	142	521150	36.456	ng	99
38) 1-Methylnaphthalene	8.880	142	491844	35.069	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	244992	41.065	ng	98
41) Hexachlorocyclopentadiene	8.928	237	174361	90.949	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	154923	40.491	ng	95

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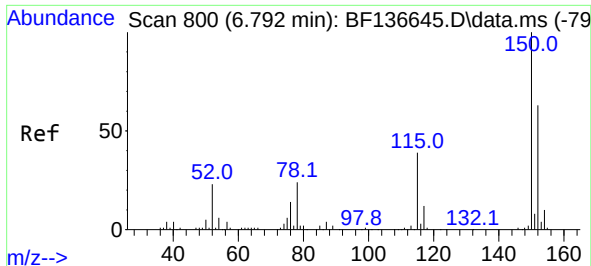
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	171662	40.262	ng	97
46) 1,1'-Biphenyl	9.245	154	639311	39.548	ng	99
47) 2-Chloronaphthalene	9.269	162	488602	39.759	ng	100
48) 2-Nitroaniline	9.375	65	155552	40.421	ng	93
49) Acenaphthylene	9.686	152	771158	41.054	ng	100
50) Dimethylphthalate	9.551	163	559351	39.753	ng	99
51) 2,6-Dinitrotoluene	9.616	165	125617	39.337	ng	# 87
52) Acenaphthene	9.857	154	447023	38.392	ng	99
53) 3-Nitroaniline	9.786	138	105783	31.271	ng	97
54) 2,4-Dinitrophenol	9.904	184	137866	77.995	ng	96
55) Dibenzofuran	10.033	168	678739	38.455	ng	98
56) 4-Nitrophenol	9.969	139	179089	78.424	ng	98
57) 2,4-Dinitrotoluene	10.027	165	157176	37.914	ng	96
58) Fluorene	10.375	166	542835	38.761	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	142252	43.343	ng	99
60) Diethylphthalate	10.257	149	561227	38.442	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	256487	37.678	ng	95
62) 4-Nitroaniline	10.410	138	114567m	35.132	ng	
63) Azobenzene	10.527	77	522227	38.298	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	88889	43.135	ng	82
66) n-Nitrosodiphenylamine	10.492	169	478398	40.956	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	157747	39.502	ng	97
68) Hexachlorobenzene	10.927	284	176767	39.721	ng	96
69) Atrazine	11.022	200	116873	39.120	ng	98
70) Pentachlorophenol	11.127	266	150563	72.585	ng	97
71) Phenanthrene	11.345	178	759552	41.168	ng	99
72) Anthracene	11.392	178	760485	40.700	ng	99
73) Carbazole	11.551	167	698533	39.652	ng	99
74) Di-n-butylphthalate	11.880	149	848475	39.470	ng	100
75) Fluoranthene	12.533	202	766059	38.817	ng	98
77) Benzidine	12.657	184	33890	6.083	ng	98
78) Pyrene	12.763	202	759691	40.957	ng	100
80) Butylbenzylphthalate	13.386	149	294670	43.659	ng	97
81) Benzo(a)anthracene	13.963	228	532858	40.613	ng	98
82) 3,3'-Dichlorobenzidine	13.921	252	150848	40.484	ng	# 98
83) Chrysene	13.998	228	508090	39.600	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	367014	43.219	ng	# 97
85) Di-n-octyl phthalate	14.568	149	586671	44.662	ng	99
87) Indeno(1,2,3-cd)pyrene	16.956	276	561033	50.730	ng	99
88) Benzo(b)fluoranthene	15.015	252	451681	44.151	ng	98
89) Benzo(k)fluoranthene	15.045	252	448505	46.396	ng	99
90) Benzo(a)pyrene	15.386	252	399167	46.224	ng	99
91) Dibenzo(a,h)anthracene	16.974	278	469261	51.721	ng	98
92) Benzo(g,h,i)perylene	17.415	276	477684	51.405	ng	99

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

Manual Integrations

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[illegible]



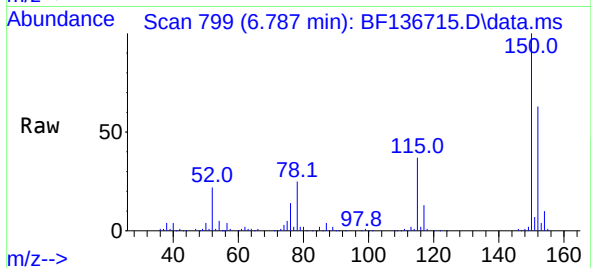
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

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PB157895BS



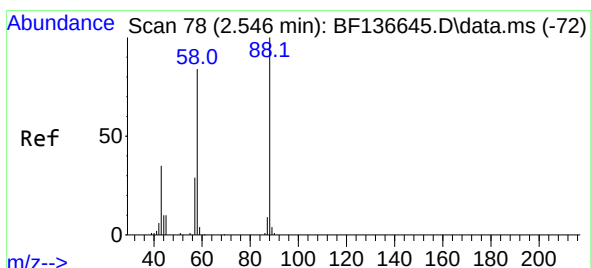
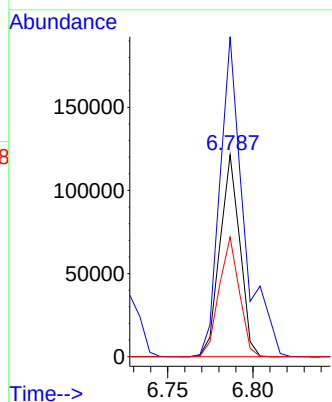
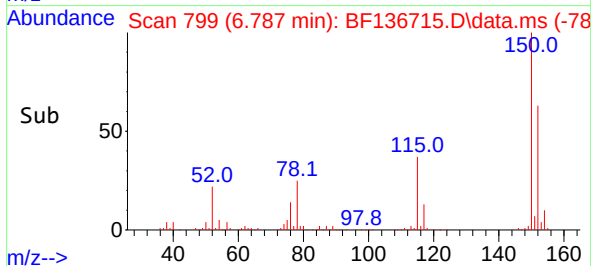
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Ion Ratio Lower Upper
152 100
150 158.4 127.0 190.6
115 59.2 49.0 73.4

Manual Integrations

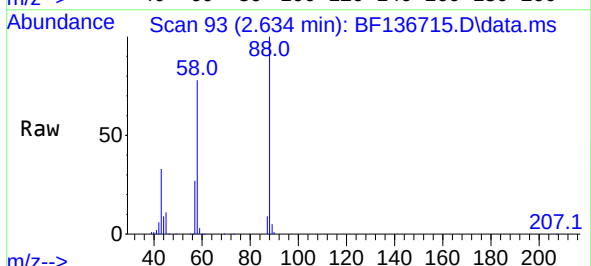
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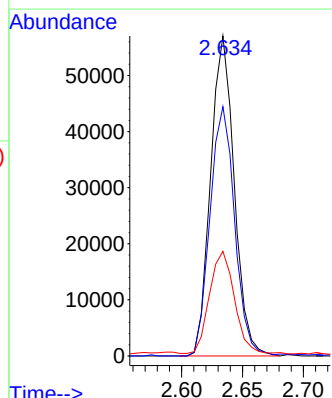
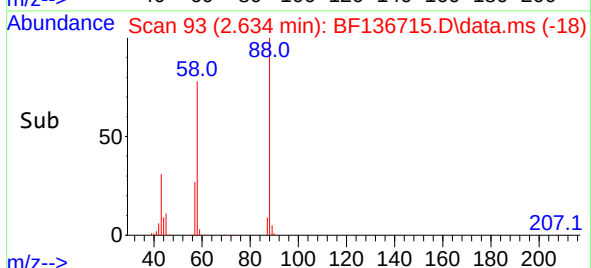
Supervised By :mohammad ahmed 12/27/2023

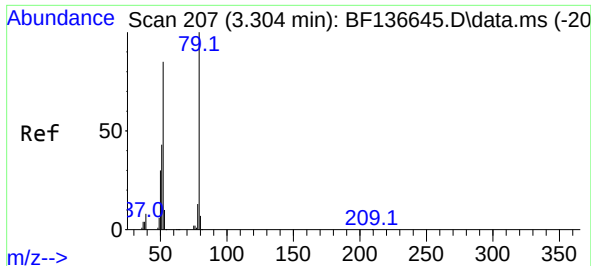


#2
1,4-Dioxane
Concen: 29.211 ng
RT: 2.634 min Scan# 93
Delta R.T. 0.088 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50



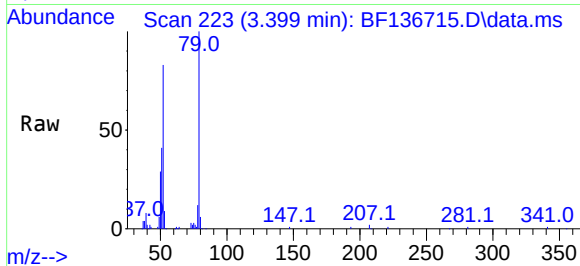
Tgt Ion: 88 Resp: 77091
Ion Ratio Lower Upper
88 100
58 82.0 67.4 101.0
43 33.9 27.7 41.5





#3
 Pyridine
 Concen: 29.124 ng
 RT: 3.399 min Scan# 217
 Delta R.T. 0.094 min
 Lab File: BF136715.D
 Acq: 26 Dec 2023 12:50

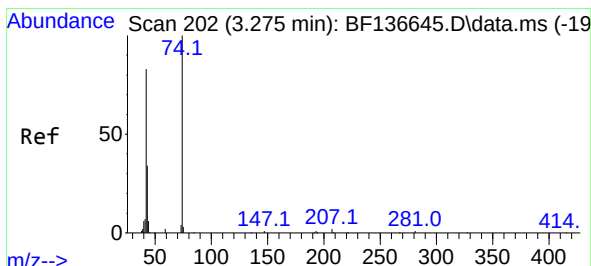
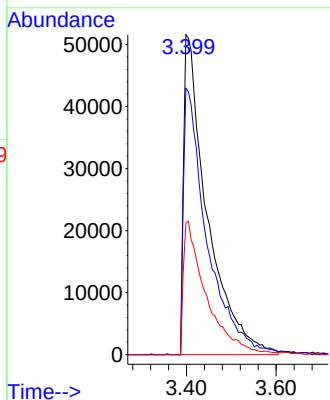
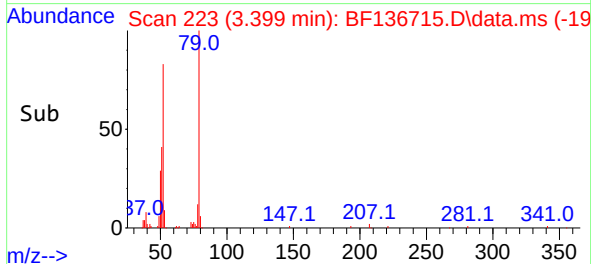
Instrument :
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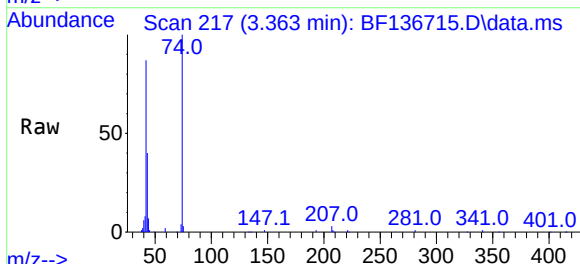
Tgt Ion: 79 Resp: 18753
 Ion Ratio Lower Upper
 79 100
 52 83.2 67.7 101.5
 51 41.2 34.0 51.0

Manual Integrations
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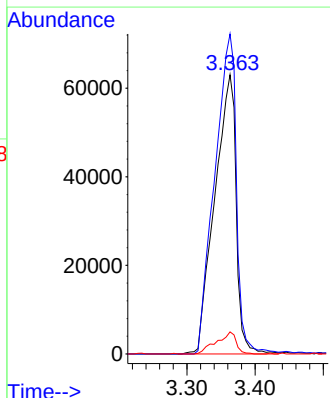
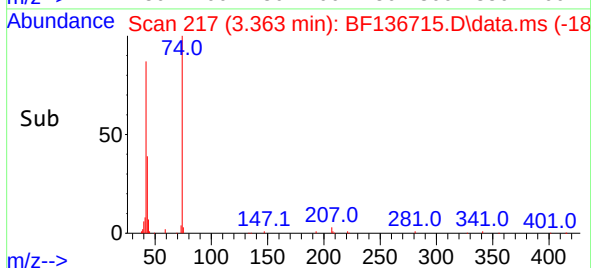
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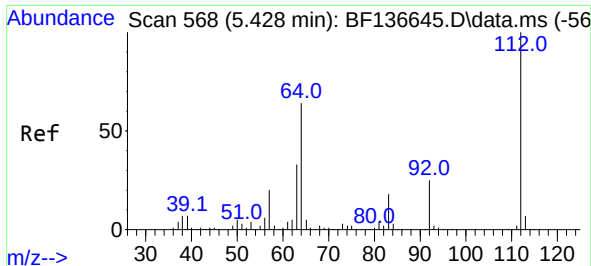


#4
 n-Nitrosodimethylamine
 Concen: 40.110 ng
 RT: 3.363 min Scan# 217
 Delta R.T. 0.088 min
 Lab File: BF136715.D
 Acq: 26 Dec 2023 12:50



Tgt Ion: 42 Resp: 137925
 Ion Ratio Lower Upper
 42 100
 74 114.6 96.0 144.0
 44 7.9 5.4 8.2





#5
2-Fluorophenol
Concen: 116.925 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

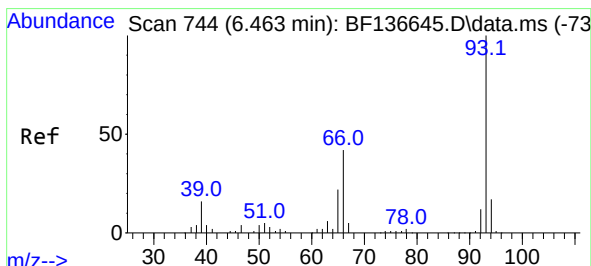
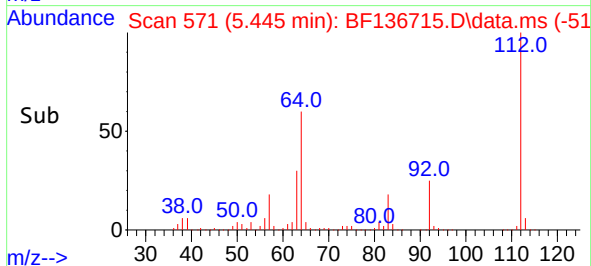
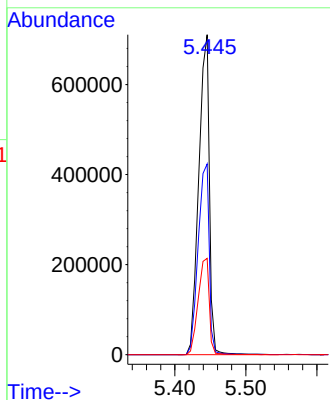
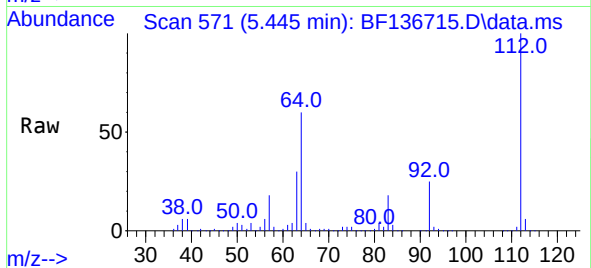
PB157895BS

Tgt Ion:112 Resp: 740610
Ion Ratio Lower Upper
112 100
64 59.6 51.1 76.7
63 30.1 26.1 39.1

Manual Integrations

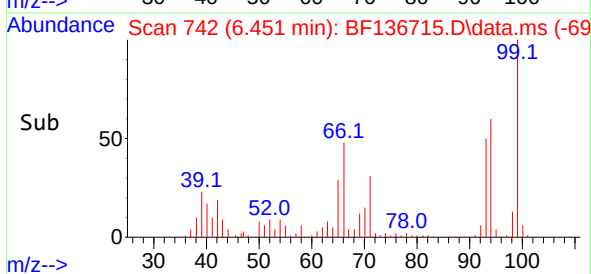
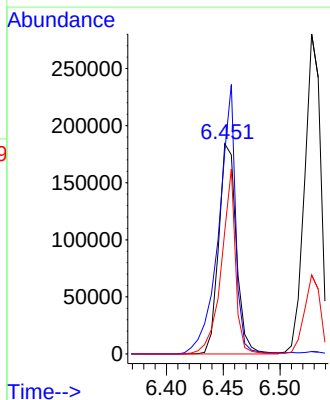
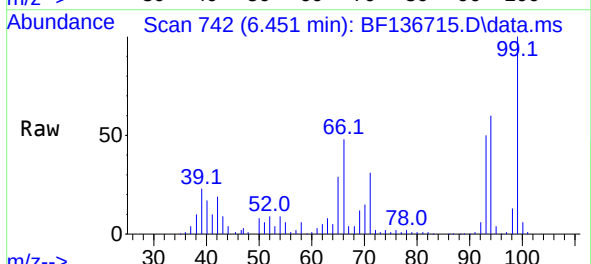
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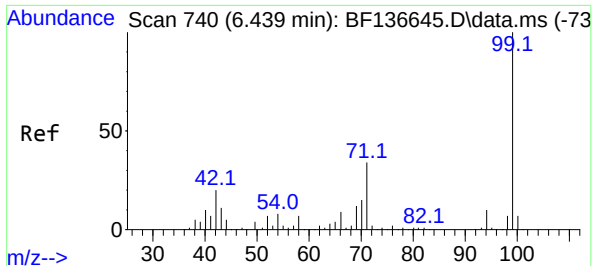
Reviewed By :Yogesh Patel 12/27/2023
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#6
Aniline
Concen: 24.331 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

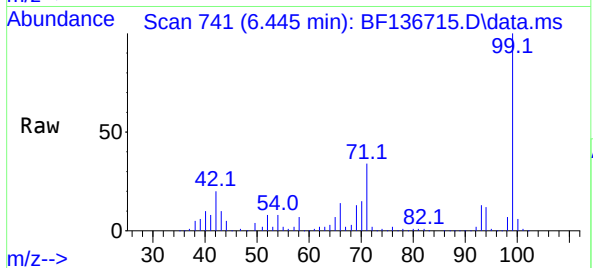
Tgt Ion: 93 Resp: 199655
Ion Ratio Lower Upper
93 100
66 96.1 34.6 51.8#
65 58.4 17.8 26.8#





#7
Phenol-d6
Concen: 109.918 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

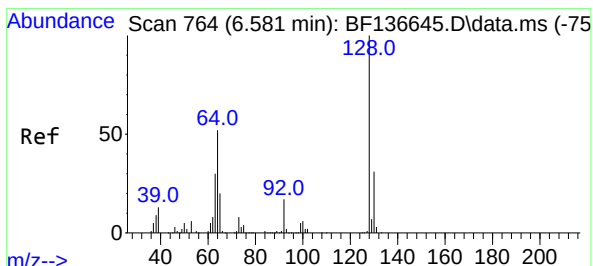
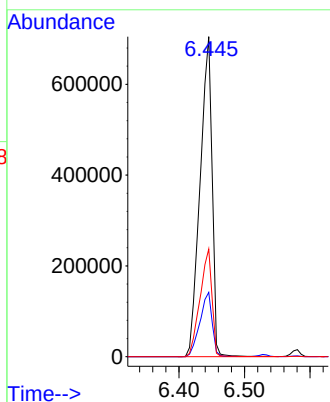
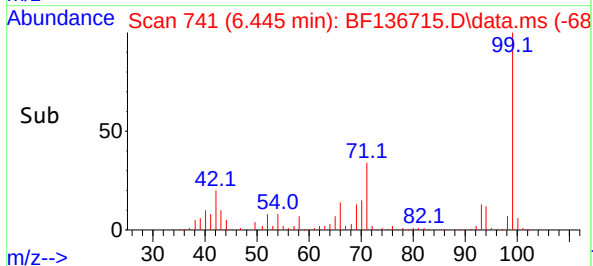
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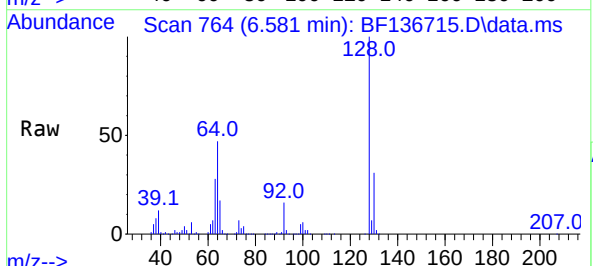
Tgt Ion: 99 Resp: 90213
Ion Ratio Lower Upper
99 100
42 20.1 16.1 24.1
71 33.7 27.4 41.2

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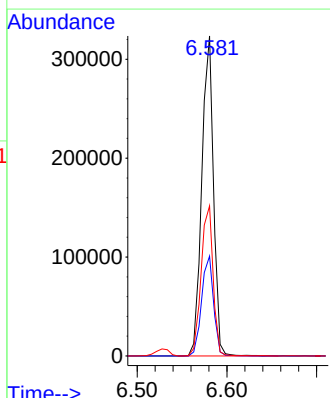
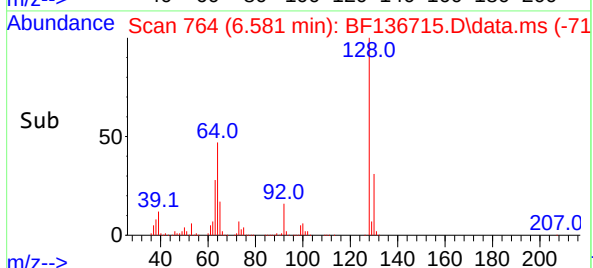
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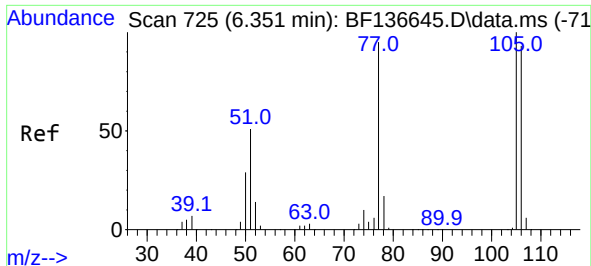


#8
2-Chlorophenol
Concen: 42.229 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50



Tgt Ion:128 Resp: 292709
Ion Ratio Lower Upper
128 100
130 31.2 11.3 51.3
64 46.9 32.5 72.5





#9
Benzaldehyde
Concen: 14.319 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

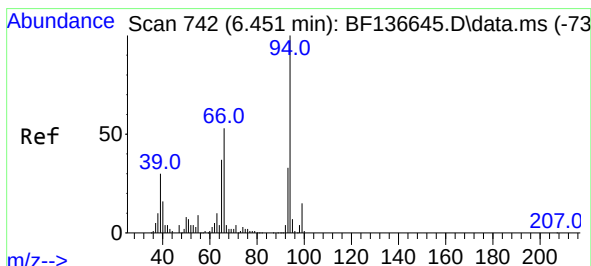
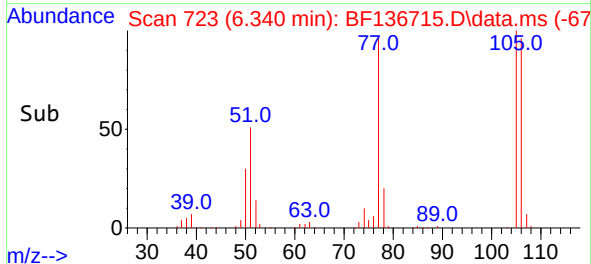
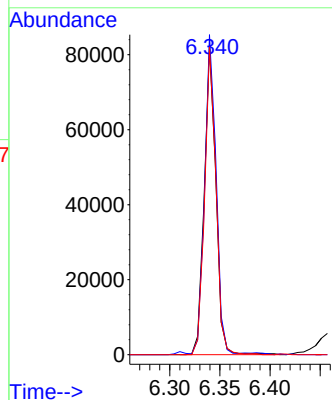
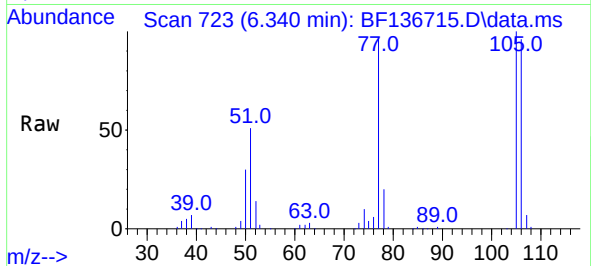
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 6684

Ion	Ratio	Lower	Upper
77	100		
105	103.9	84.8	124.8
106	99.9	77.8	117.8

Manual Integrations
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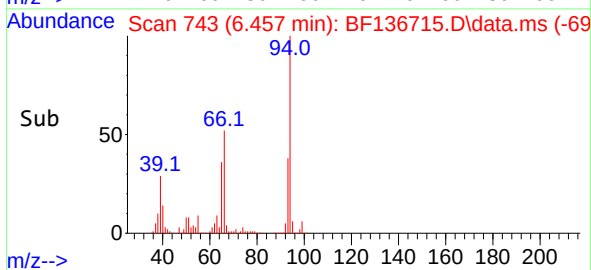
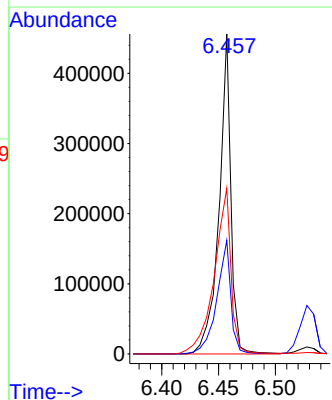
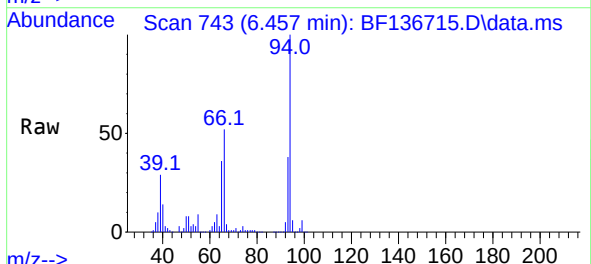
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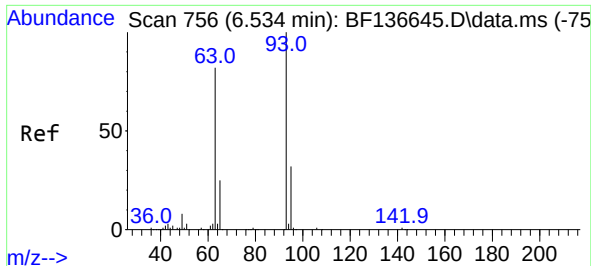


#10
Phenol
Concen: 37.878 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Tgt Ion: 94 Resp: 331869

Ion	Ratio	Lower	Upper
94	100		
65	35.5	16.6	56.6
66	51.8	32.6	72.6





#11
bis(2-Chloroethyl)ether
Concen: 41.292 ng
RT: 6.528 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

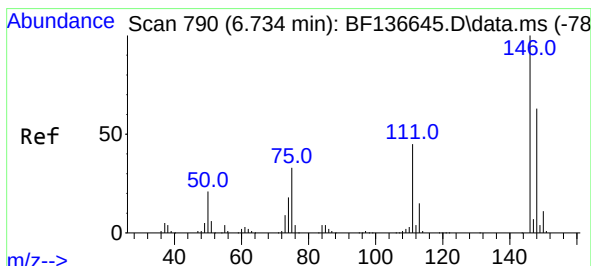
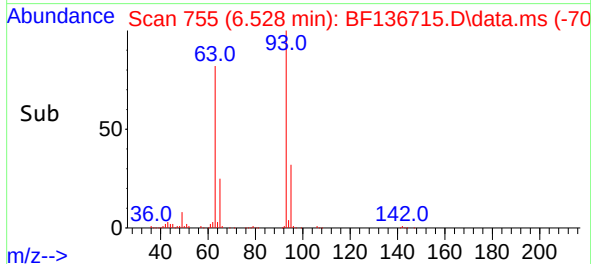
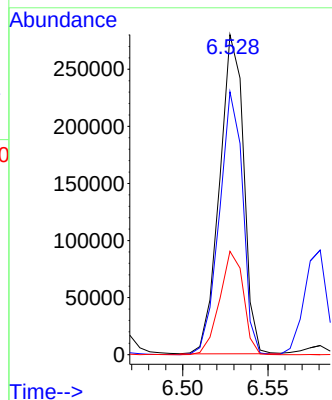
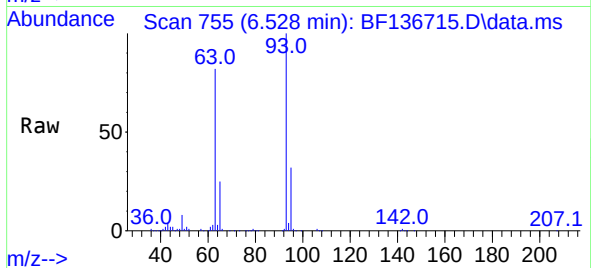
PB157895BS

Tgt Ion: 93 Resp: 275120
Ion Ratio Lower Upper
93 100
63 82.1 61.2 101.2
95 32.3 11.6 51.6

Manual Integrations

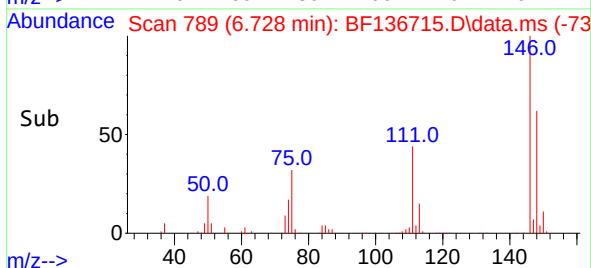
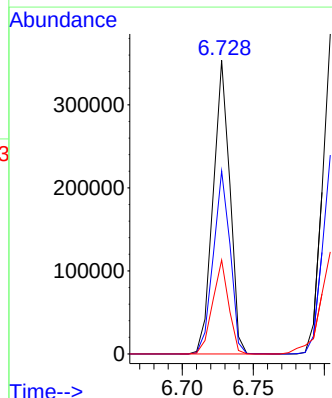
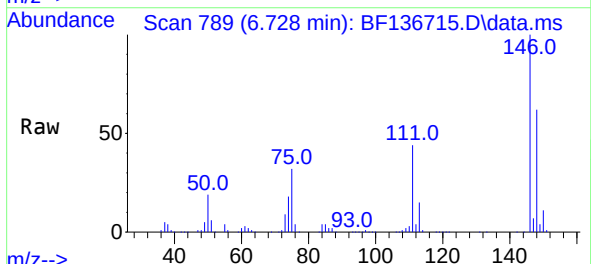
APPROVED

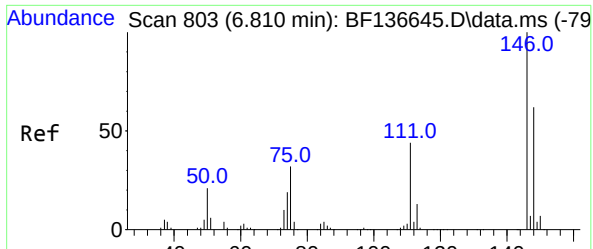
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#12
1,3-Dichlorobenzene
Concen: 38.268 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Tgt Ion:146 Resp: 289367
Ion Ratio Lower Upper
146 100
148 62.3 50.5 75.7
75 32.0 26.2 39.4





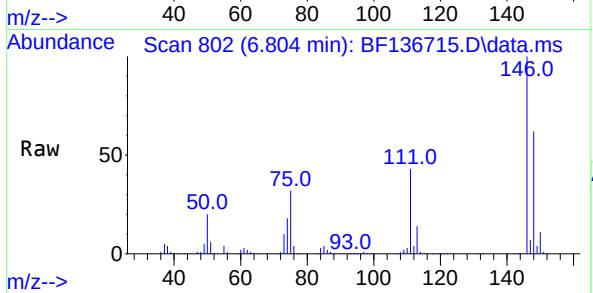
#13
1,4-Dichlorobenzene
Concen: 38.626 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157895BS

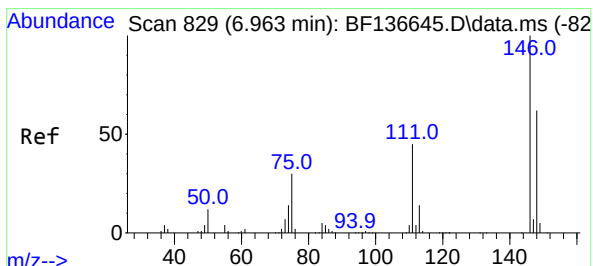
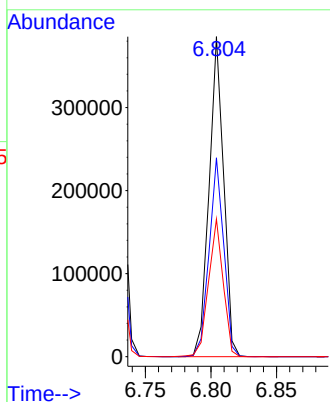
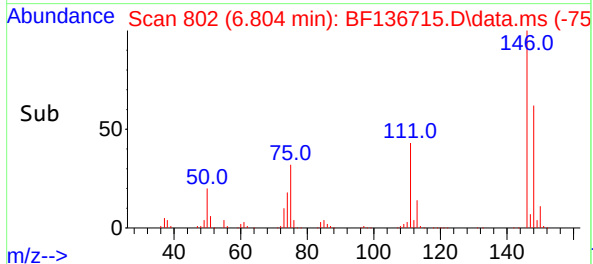


Tgt Ion:146 Resp: 298432
Ion Ratio Lower Upper
146 100
148 62.1 49.2 73.8
111 43.0 35.2 52.8

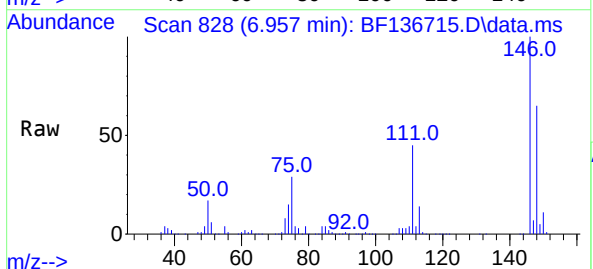
Manual Integrations

APPROVED

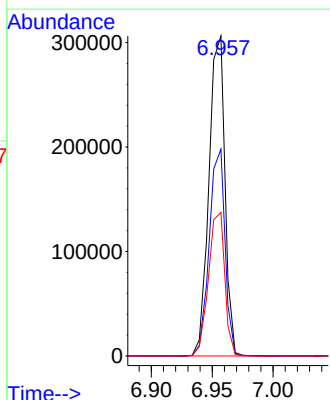
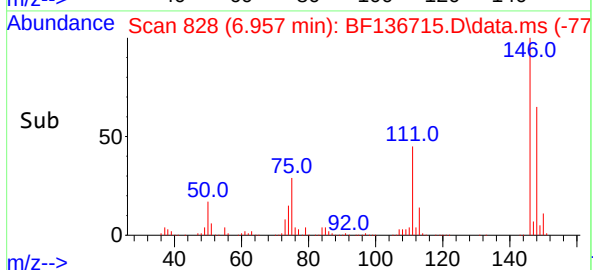
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

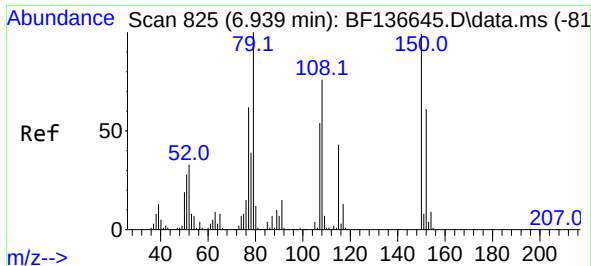


#14
1,2-Dichlorobenzene
Concen: 38.984 ng
RT: 6.957 min Scan# 828
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50



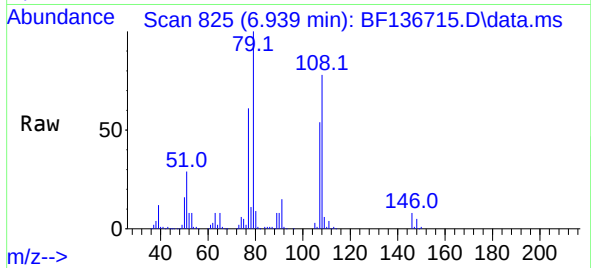
Tgt Ion:146 Resp: 280270
Ion Ratio Lower Upper
146 100
148 64.6 49.6 74.4
111 44.8 36.2 54.2





#15
Benzyl Alcohol
Concen: 42.789 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

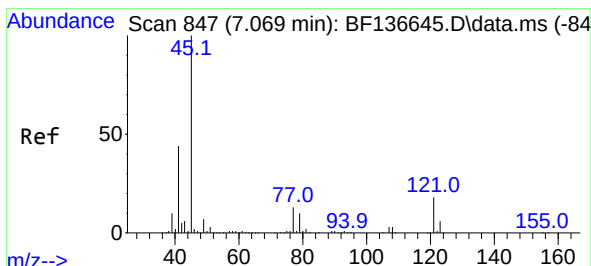
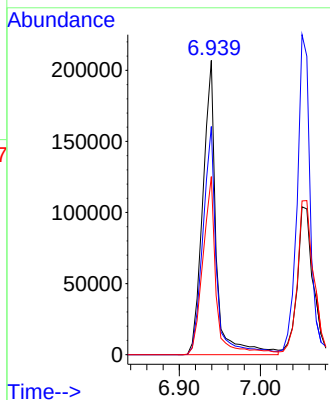
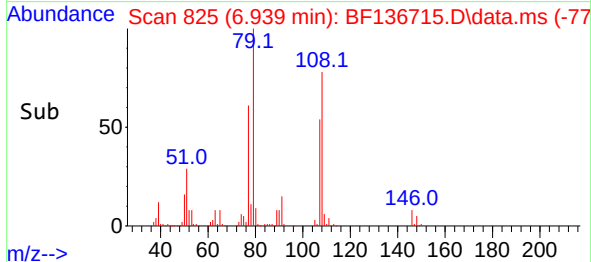
Instrument :
BNA_F
ClientSampleId :
PB157895BS



Tgt Ion: 79 Resp: 23692
Ion Ratio Lower Upper
79 100
108 77.6 61.0 91.6
77 60.5 49.8 74.8

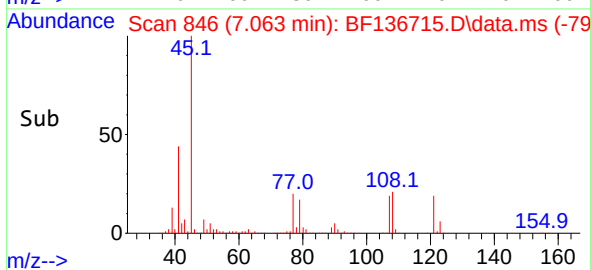
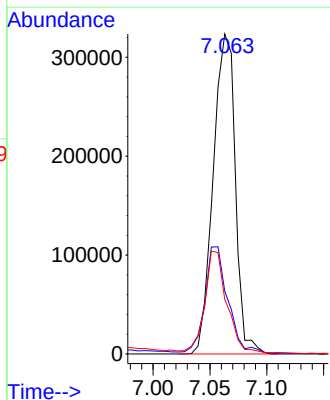
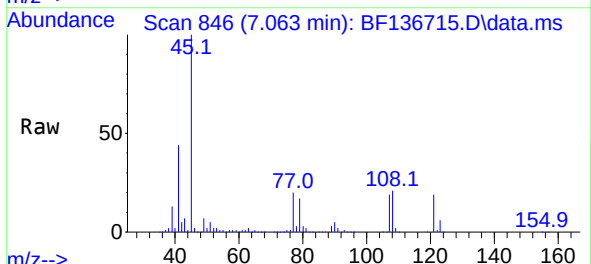
Manual Integrations
APPROVED

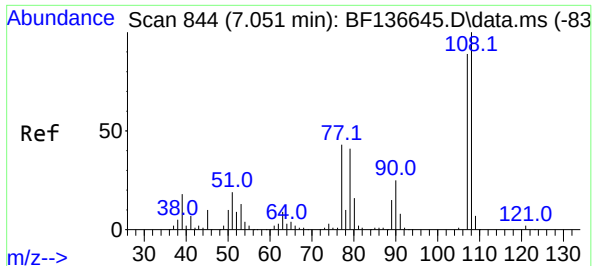
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.288 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Tgt Ion: 45 Resp: 438876
Ion Ratio Lower Upper
45 100
77 19.6 0.0 34.3
79 17.1 0.0 31.4





#17
2-Methylphenol
Concen: 38.939 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

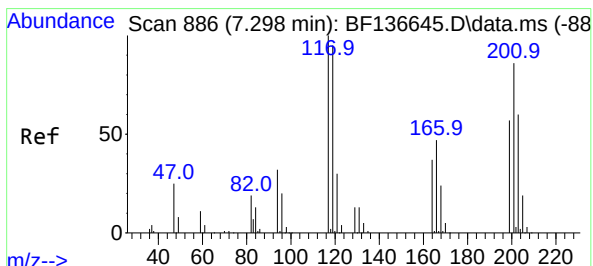
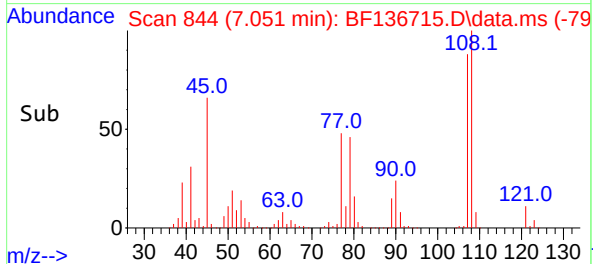
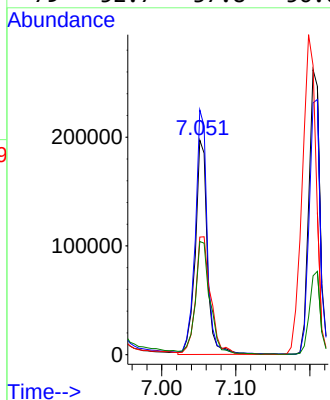
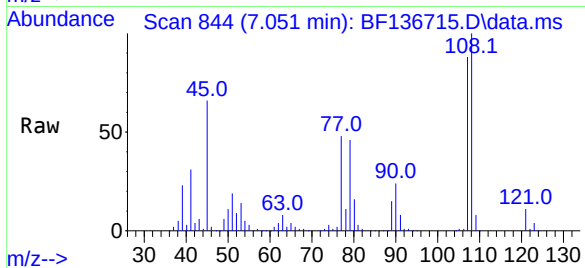
PB157895BS

Tgt Ion:107 Resp: 223598
Ion Ratio Lower Upper
107 100
108 114.1 90.3 135.5
77 54.9 38.7 58.1
79 52.7 37.8 56.6

Manual Integrations

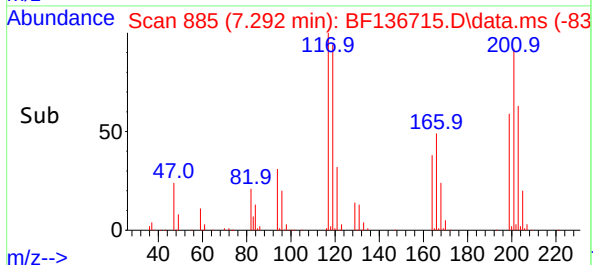
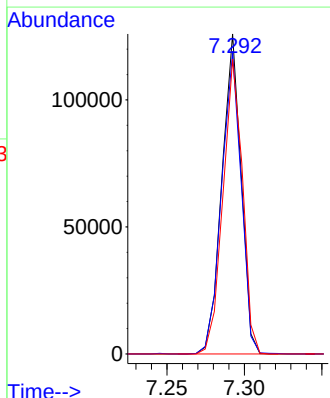
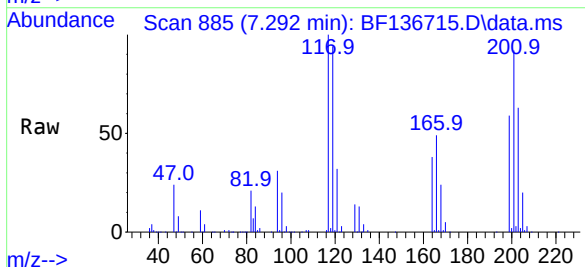
APPROVED

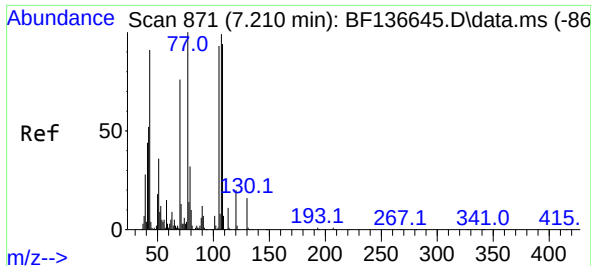
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#18
Hexachloroethane
Concen: 38.552 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

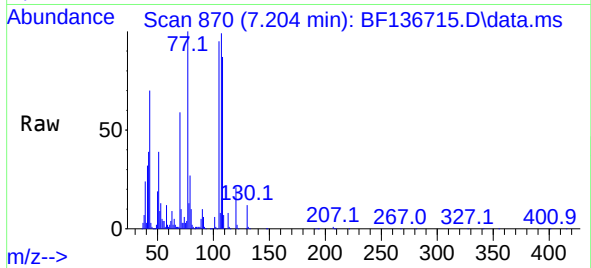
Tgt Ion:117 Resp: 108175
Ion Ratio Lower Upper
117 100
119 94.5 75.8 113.6
201 92.1 69.1 103.7





#19
n-Nitroso-di-n-propylamine
Concen: 39.105 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

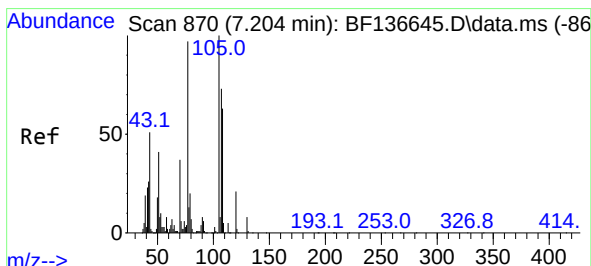
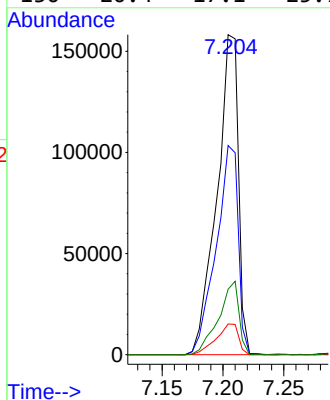
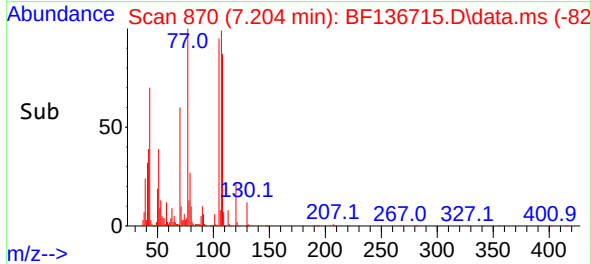
Instrument :
BNA_F
ClientSampleId :
PB157895BS



Tgt Ion: 70 Resp: 19455
Ion Ratio Lower Upper
70 100
42 65.3 54.2 81.4
101 9.6 7.6 11.4
130 20.4 17.1 25.7

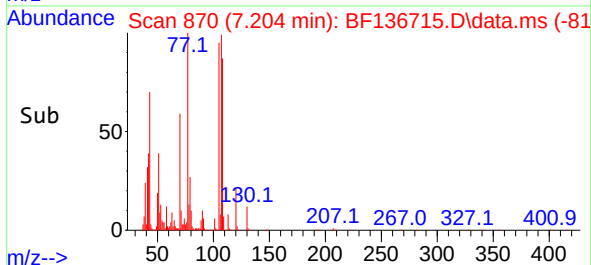
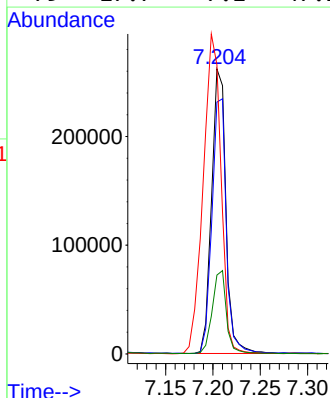
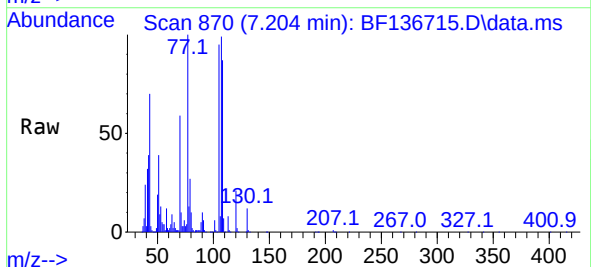
Manual Integrations
APPROVED

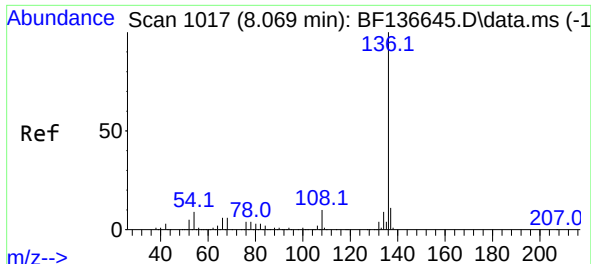
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#20
3+4-Methylphenols
Concen: 38.300 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Tgt Ion:107 Resp: 274764
Ion Ratio Lower Upper
107 100
108 88.4 66.0 106.0
77 101.5 114.2 154.2#
79 27.7 7.2 47.2





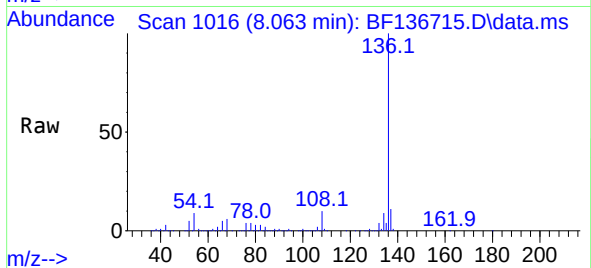
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157895BS

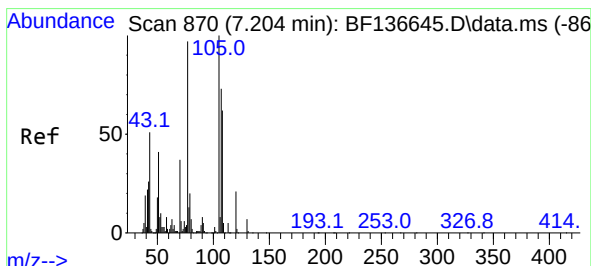
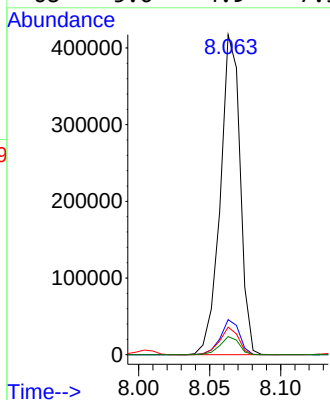
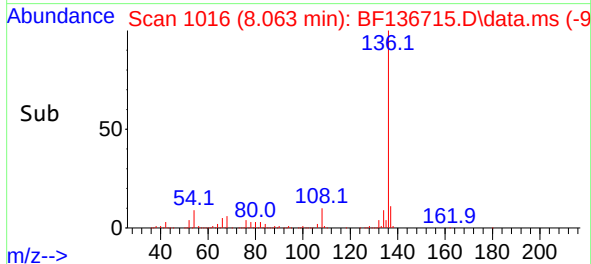


Tgt Ion:136 Resp: 404330
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.6 7.2 10.8
68 5.6 4.9 7.3

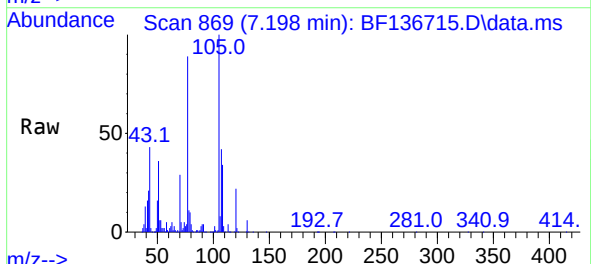
Manual Integrations

APPROVED

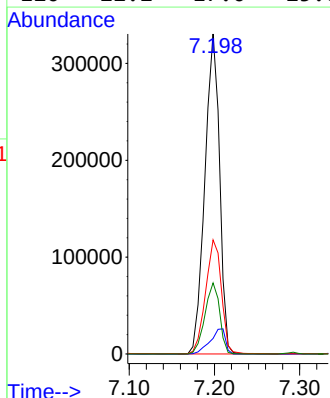
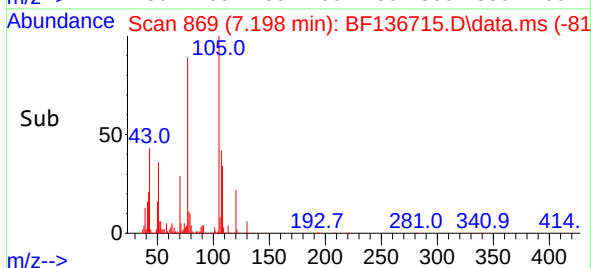
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

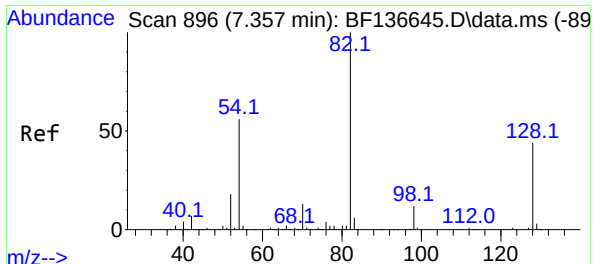


#22
Acetophenone
Concen: 39.113 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50



Tgt Ion:105 Resp: 396392
Ion Ratio Lower Upper
105 100
71 4.9 4.8 7.2
51 35.7 32.8 49.2
120 22.2 17.0 25.6





#23
Nitrobenzene-d5
Concen: 73.035 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

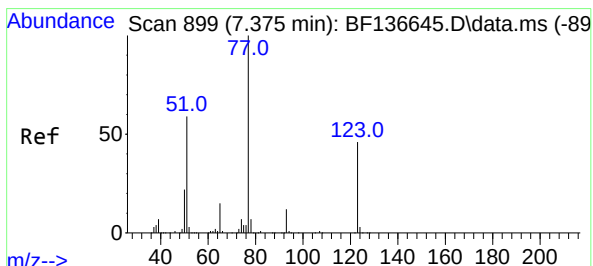
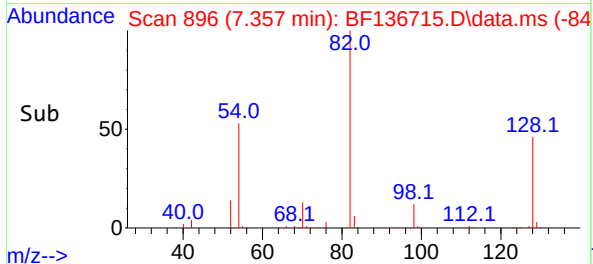
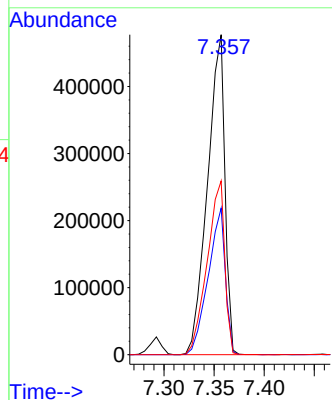
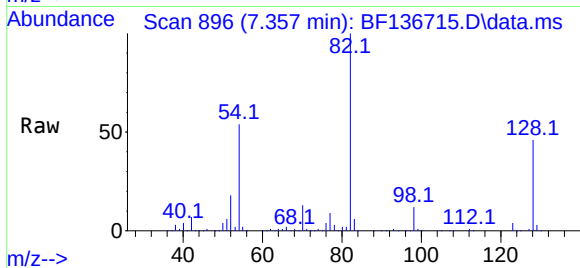
PB157895BS

Tgt Ion: 82 Resp: 577085
Ion Ratio Lower Upper
82 100
128 45.8 35.3 52.9
54 54.3 44.5 66.7

Manual Integrations

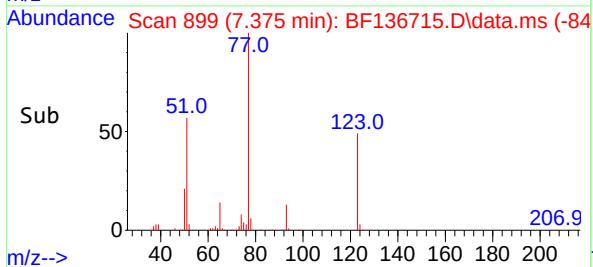
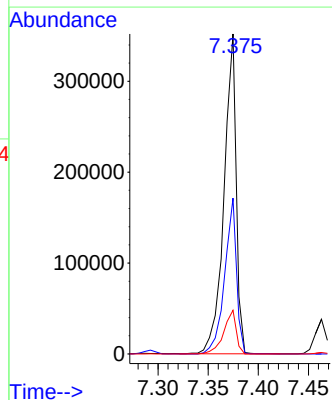
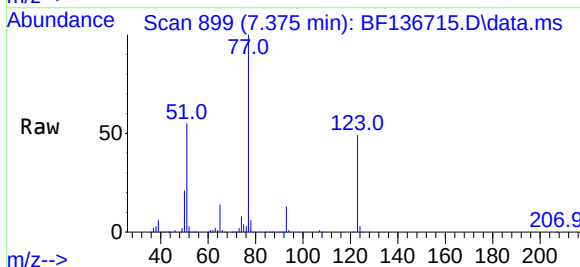
APPROVED

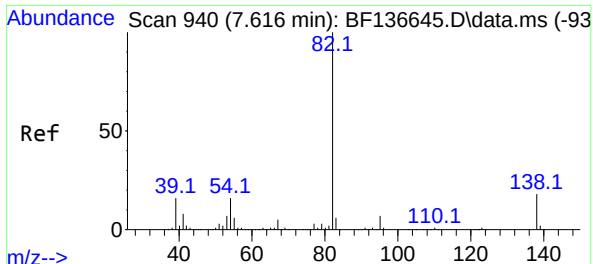
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#24
Nitrobenzene
Concen: 37.588 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Tgt Ion: 77 Resp: 297516
Ion Ratio Lower Upper
77 100
123 48.7 36.7 55.1
65 13.6 11.8 17.6





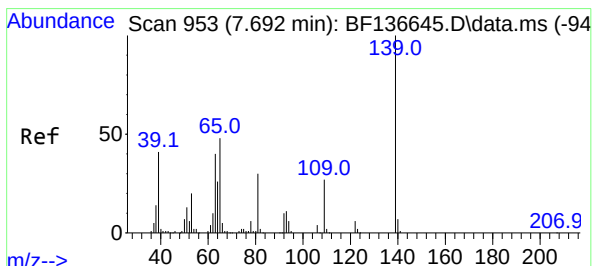
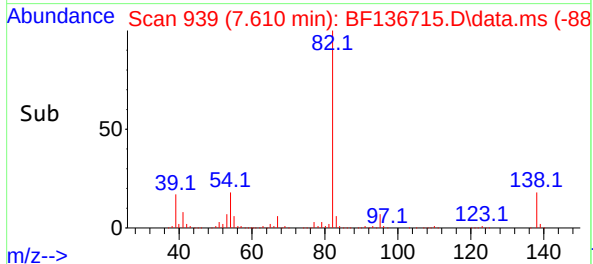
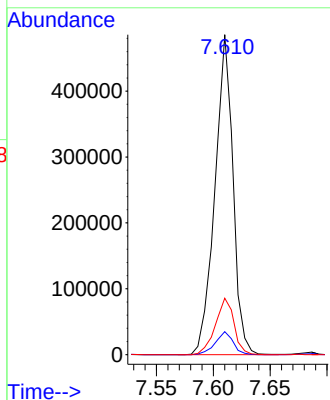
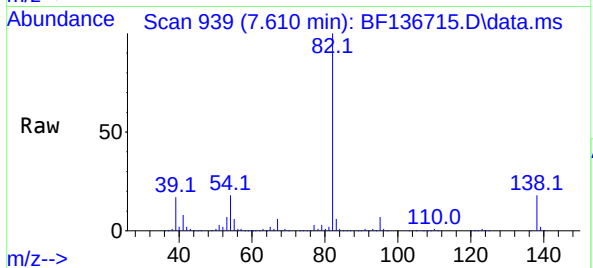
#25
Isophorone
Concen: 37.415 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Instrument :
BNA_F
ClientSampleId :
PB157895BS

Tgt Ion: 82 Resp: 537944
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 17.7 14.5 21.7

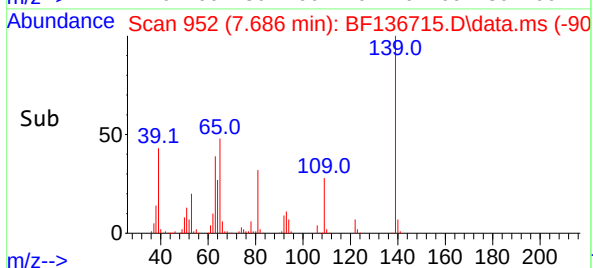
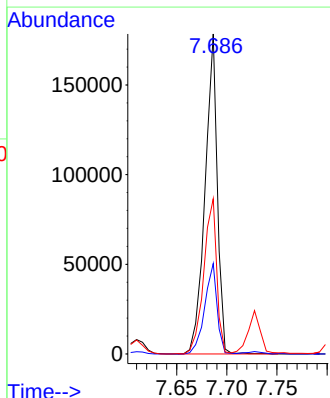
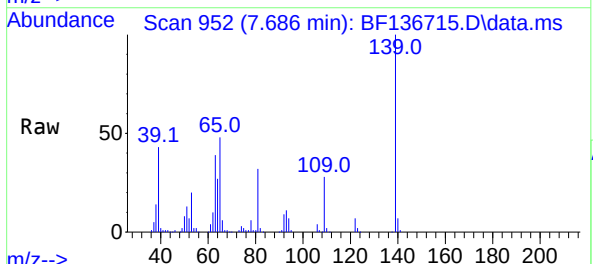
Manual Integrations
APPROVED

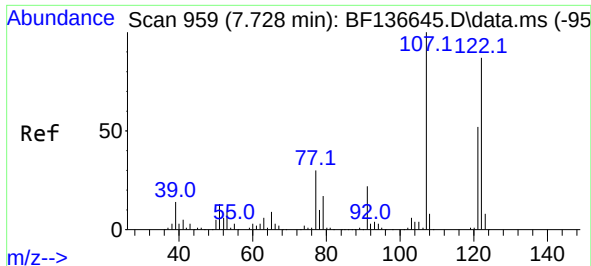
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#26
2-Nitrophenol
Concen: 40.383 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Tgt Ion:139 Resp: 152930
Ion Ratio Lower Upper
139 100
109 28.2 21.9 32.9
65 48.5 38.6 58.0





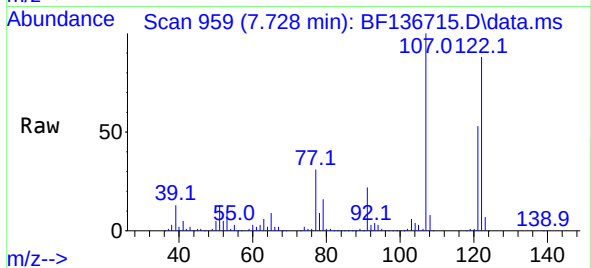
#27
2,4-Dimethylphenol
Concen: 48.704 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157895BS

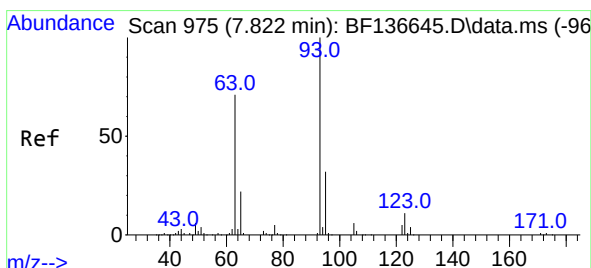
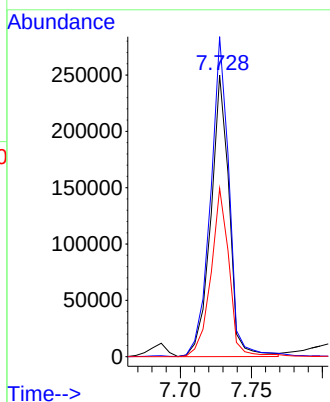
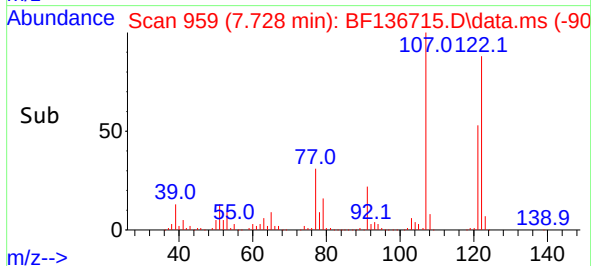


Tgt Ion:122 Resp: 224540
Ion Ratio Lower Upper
122 100
107 113.6 92.0 138.0
121 59.8 47.5 71.3

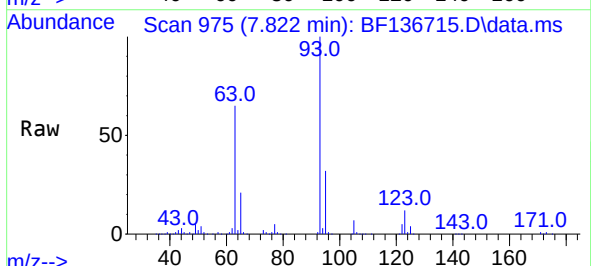
Manual Integrations

APPROVED

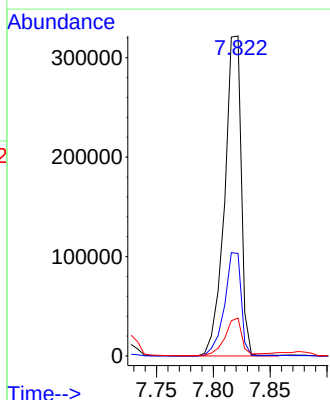
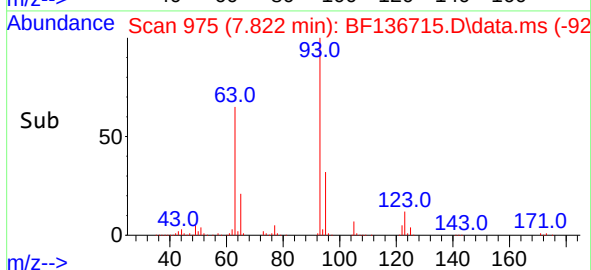
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

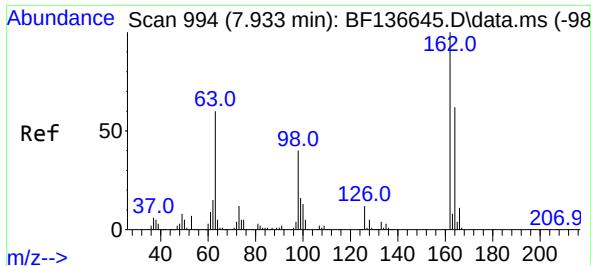


#28
bis(2-Chloroethoxy)methane
Concen: 37.669 ng
RT: 7.822 min Scan# 975
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50



Tgt Ion: 93 Resp: 329207
Ion Ratio Lower Upper
93 100
95 32.1 25.5 38.3
123 11.9 9.2 13.8





#29
2,4-Dichlorophenol
Concen: 37.486 ng
RT: 7.934 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

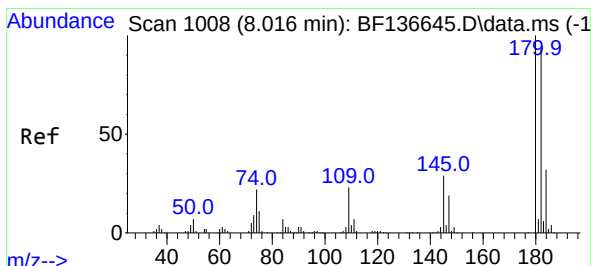
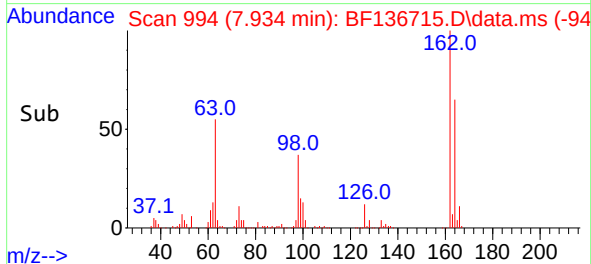
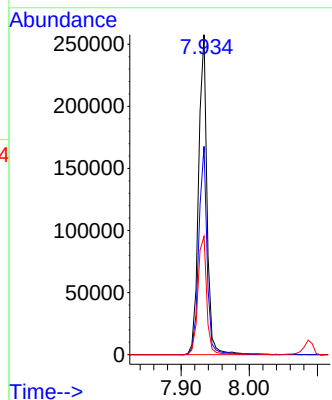
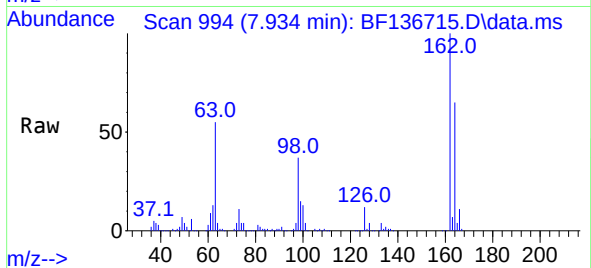
PB157895BS

Tgt Ion:162 Resp: 222500
Ion Ratio Lower Upper
162 100
164 65.1 41.7 81.7
98 37.0 19.5 59.5

Manual Integrations

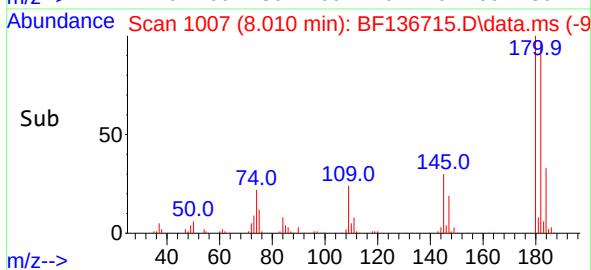
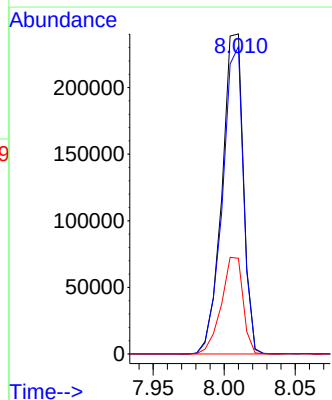
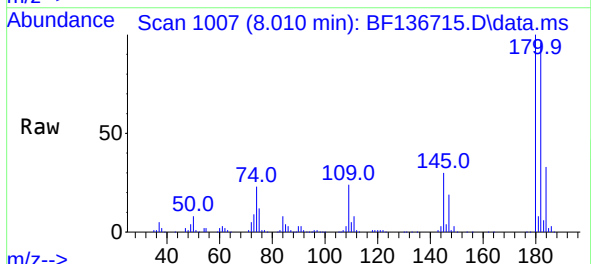
APPROVED

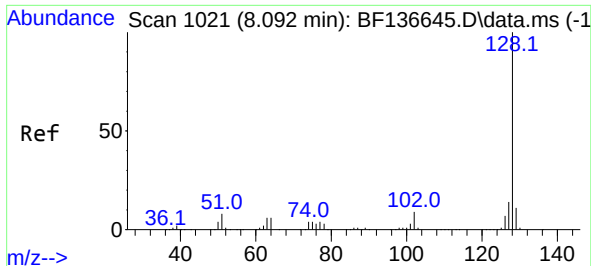
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#30
1,2,4-Trichlorobenzene
Concen: 38.175 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Tgt Ion:180 Resp: 252468
Ion Ratio Lower Upper
180 100
182 96.1 75.4 113.0
145 29.9 23.1 34.7





#31
Naphthalene
Concen: 37.361 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

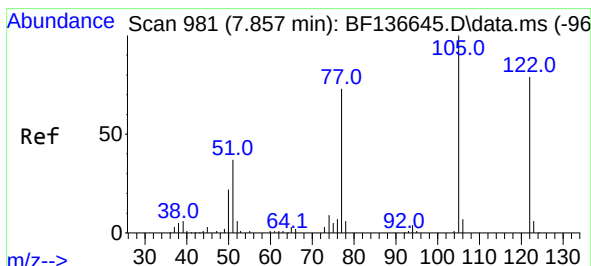
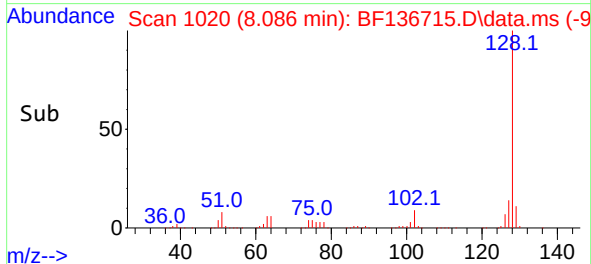
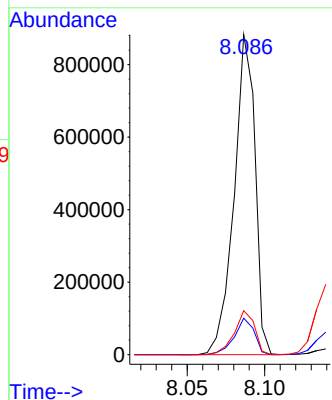
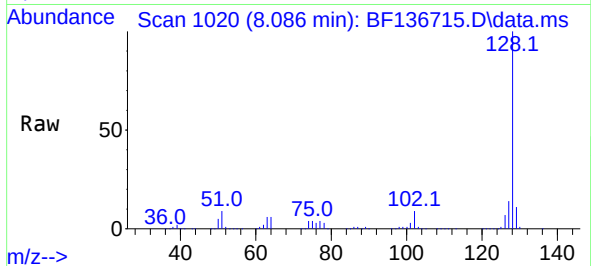
PB157895BS

Tgt Ion:128 Resp: 829884
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.7 10.8 16.2

Manual Integrations

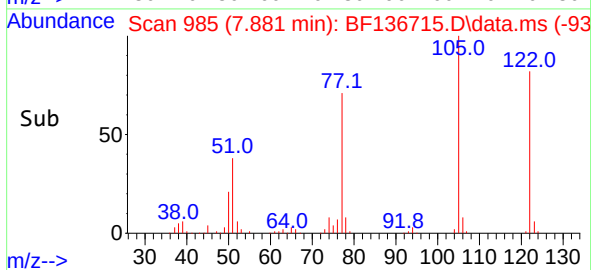
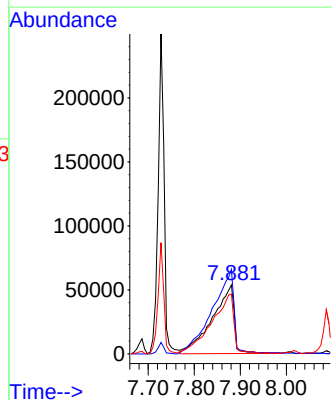
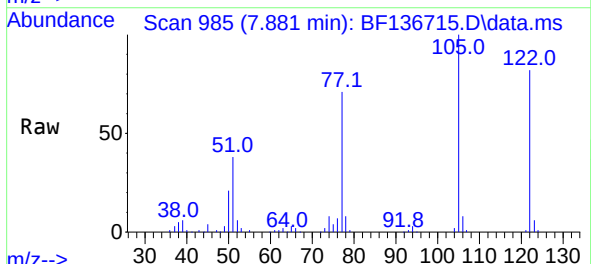
APPROVED

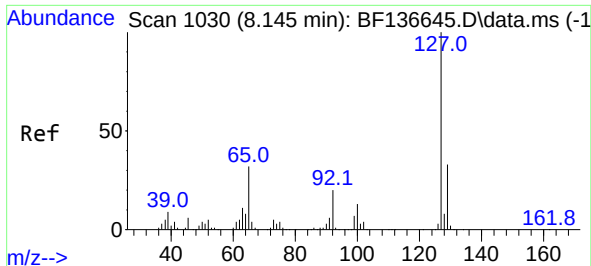
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#32
Benzoic acid
Concen: 39.736 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.024 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Tgt Ion:122 Resp: 177261
Ion Ratio Lower Upper
122 100
105 122.4 100.8 140.8
77 87.0 70.9 110.9





#33
4-Chloroaniline
Concen: 21.359 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157895BS

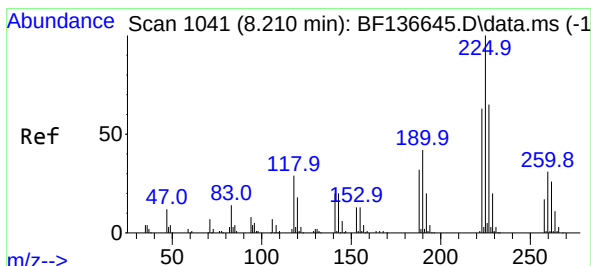
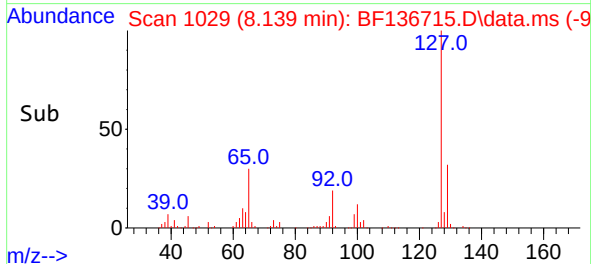
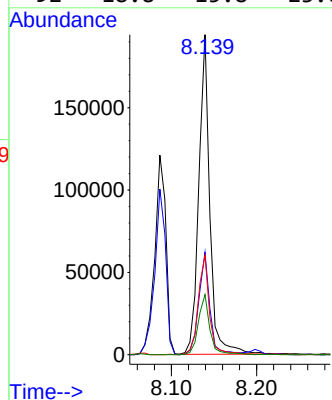
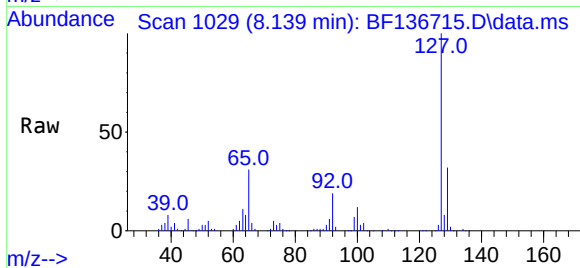
Tgt Ion:127 Resp: 17517

Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.3	39.5
65	31.0	25.8	38.8
92	18.8	15.8	23.6

Manual Integrations

APPROVED

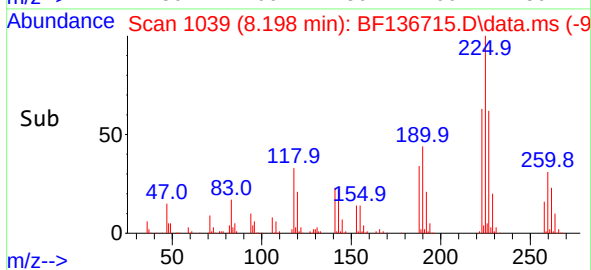
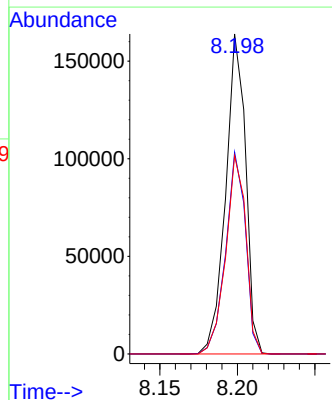
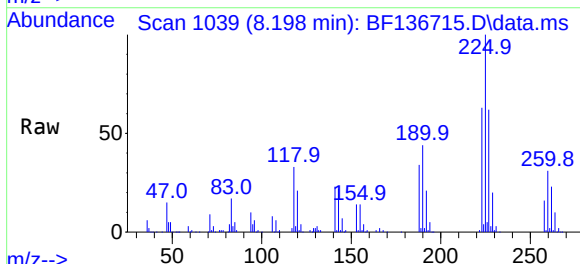
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

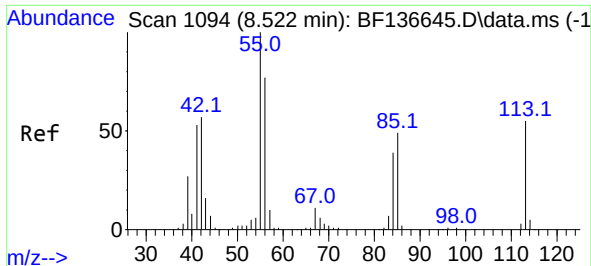


#34
Hexachlorobutadiene
Concen: 36.531 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Tgt Ion:225 Resp: 146784

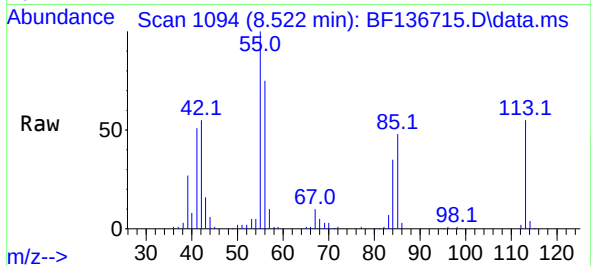
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	62.0	51.9	77.9





#35
Caprolactam
Concen: 37.725 ng m
RT: 8.522 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

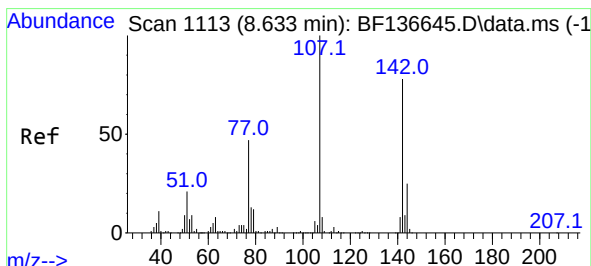
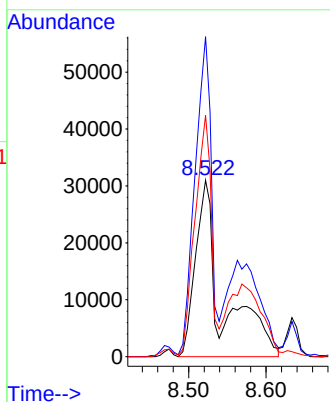
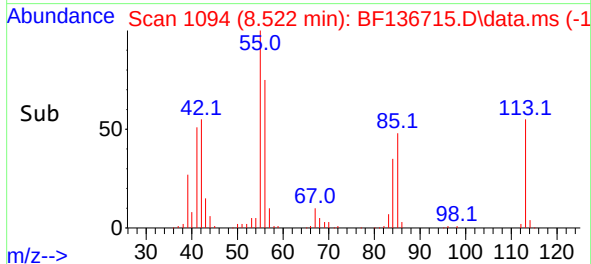
Instrument :
BNA_F
ClientSampleId :
PB157895BS



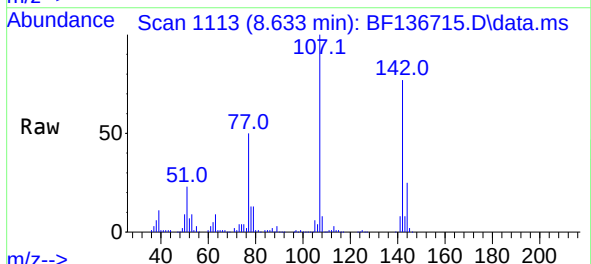
Tgt Ion:113 Resp: 73869
Ion Ratio Lower Upper
113 100
55 181.4 163.1 203.1
56 136.8 121.7 161.7

Manual Integrations
APPROVED

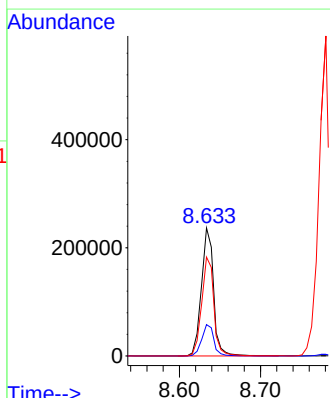
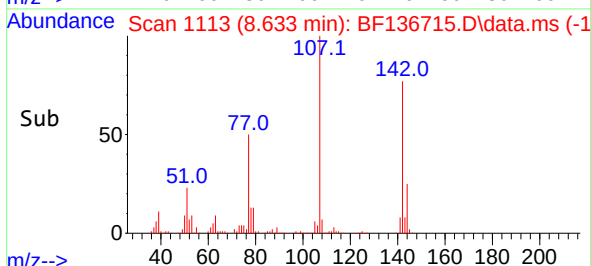
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

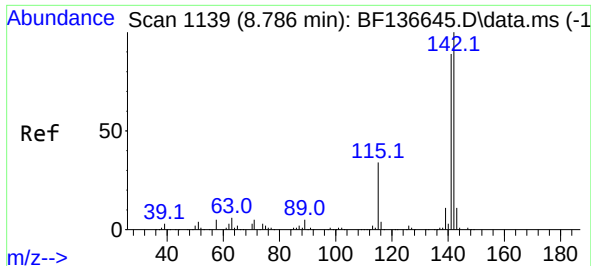


#36
4-Chloro-3-methylphenol
Concen: 36.788 ng
RT: 8.633 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50



Tgt Ion:107 Resp: 245823
Ion Ratio Lower Upper
107 100
144 24.5 20.2 30.2
142 77.3 62.3 93.5





#37

2-Methylnaphthalene

Concen: 36.456 ng

RT: 8.781 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF136715.D

Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157895BS

Tgt Ion:142 Resp: 521150

Ion Ratio Lower Upper

142 100

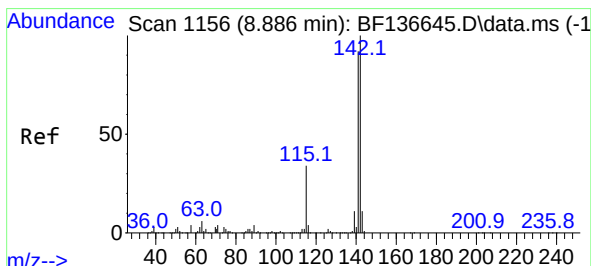
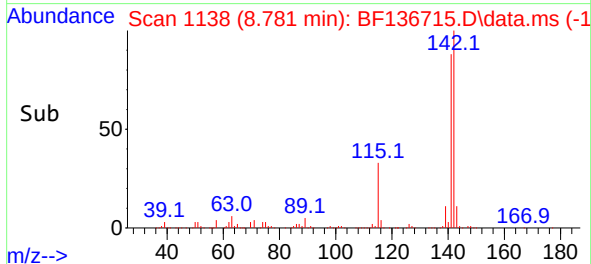
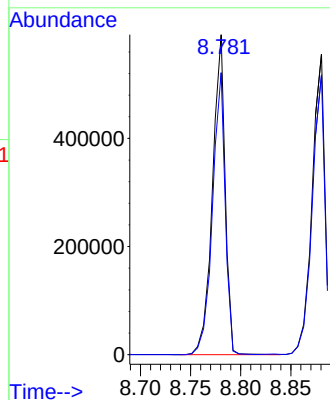
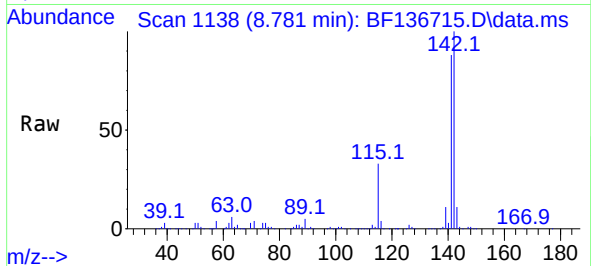
141 88.2 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2023

Supervised By :mohammad ahmed 12/27/2023



#38

1-Methylnaphthalene

Concen: 35.069 ng

RT: 8.880 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF136715.D

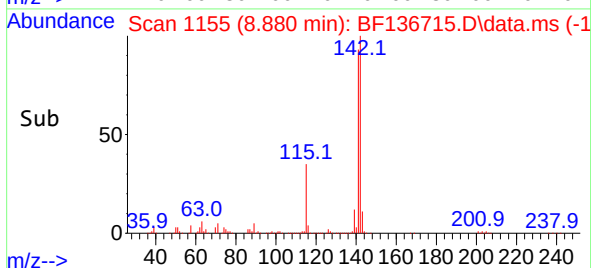
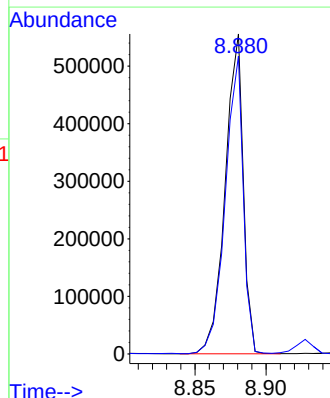
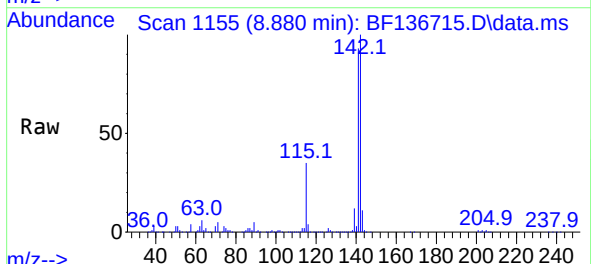
Acq: 26 Dec 2023 12:50

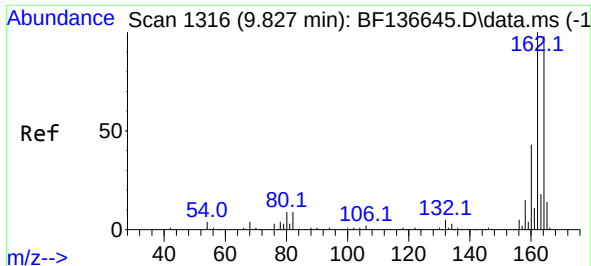
Tgt Ion:142 Resp: 491844

Ion Ratio Lower Upper

142 100

141 93.1 73.6 110.4





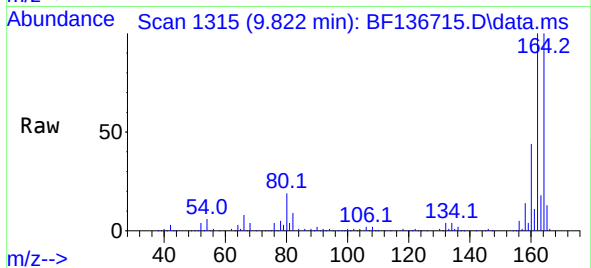
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157895BS



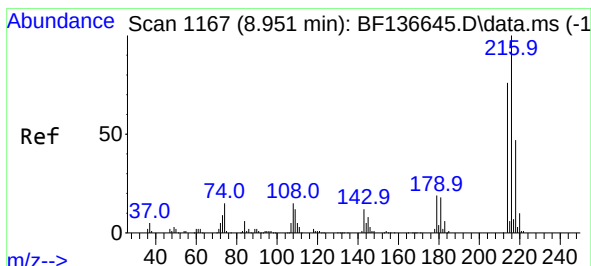
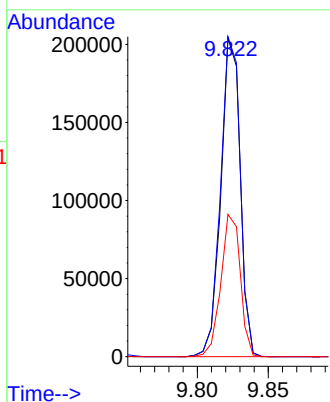
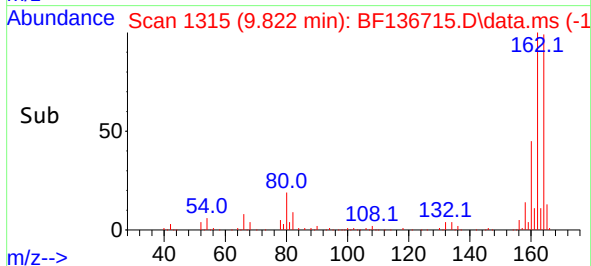
Tgt Ion:164 Resp: 192639
Ion Ratio Lower Upper
164 100
162 100.4 81.6 122.4
160 44.7 34.9 52.3

Manual Integrations

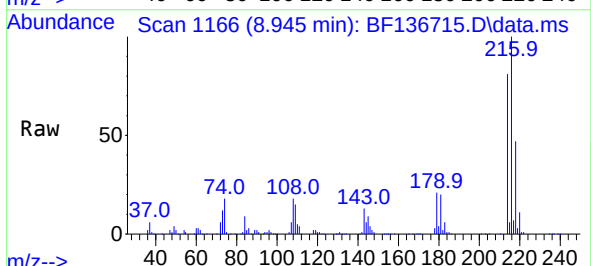
APPROVED

Reviewed By :Yogesh Patel 12/27/2023

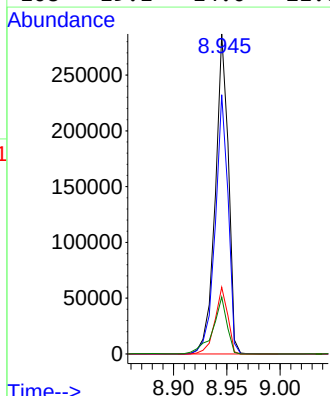
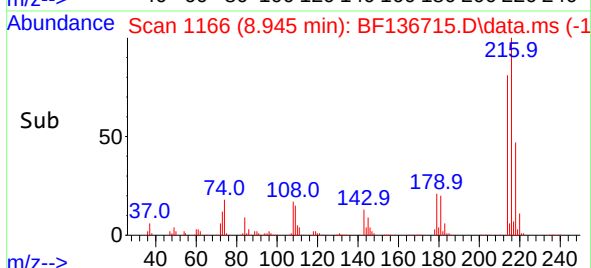
Supervised By :mohammad ahmed 12/27/2023

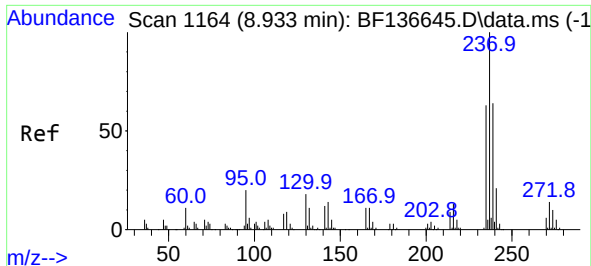


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.065 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50



Tgt Ion:216 Resp: 244992
Ion Ratio Lower Upper
216 100
214 79.8 62.3 93.5
179 20.4 16.4 24.6
108 19.1 14.0 21.0





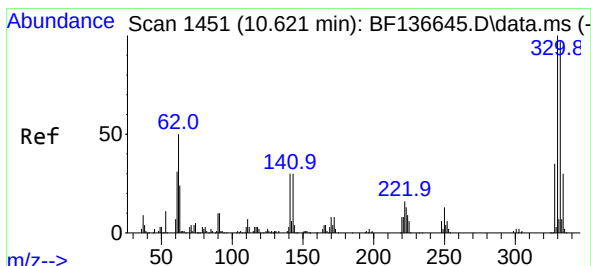
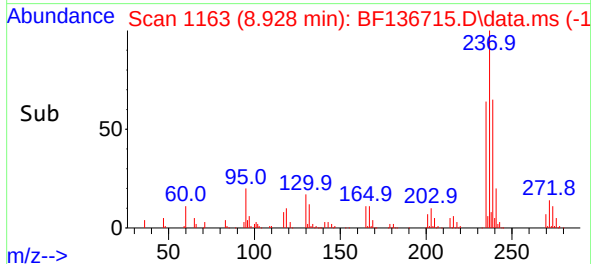
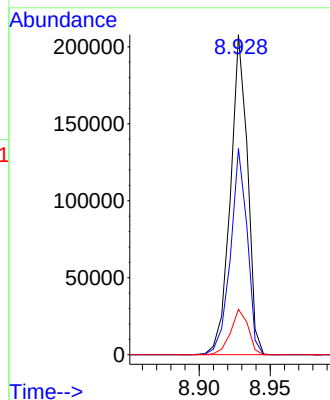
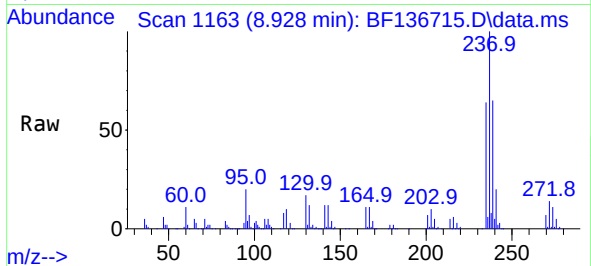
#41
Hexachlorocyclopentadiene
Concen: 90.949 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Instrument :
BNA_F
ClientSampleId :
PB157895BS

Tgt Ion:237 Resp: 17436
Ion Ratio Lower Upper
237 100
235 64.4 43.2 83.2
272 14.1 0.0 34.2

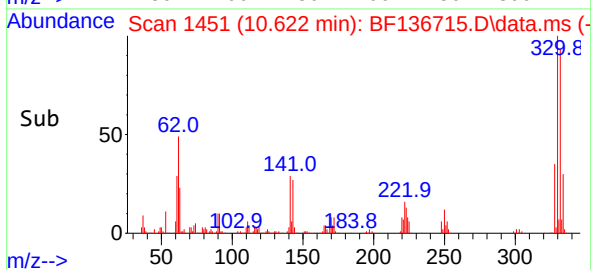
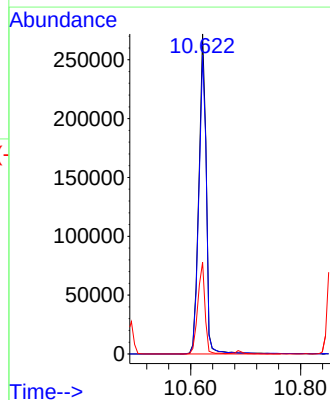
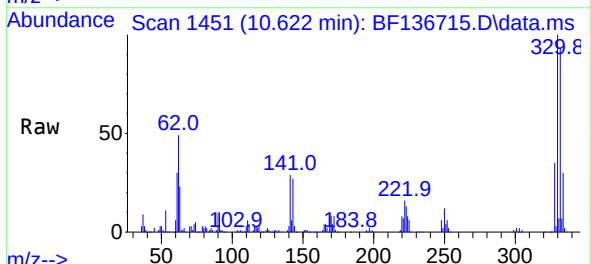
Manual Integrations
APPROVED

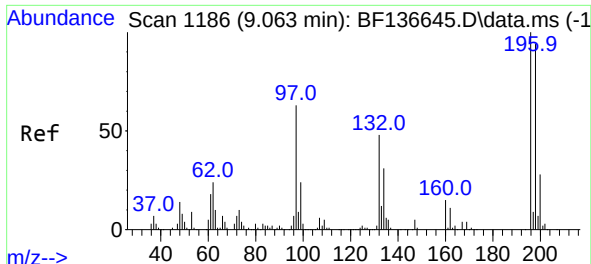
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#42
2,4,6-Tribromophenol
Concen: 112.192 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Tgt Ion:330 Resp: 254535
Ion Ratio Lower Upper
330 100
332 94.9 77.4 116.0
141 27.7 23.4 35.2





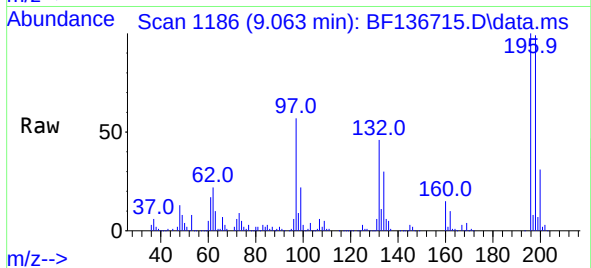
#43
2,4,6-Trichlorophenol
Concen: 40.491 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157895BS

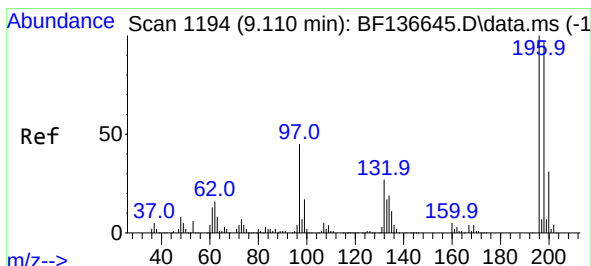
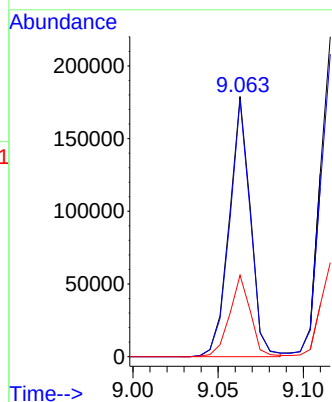


Tgt Ion:196 Resp: 15492
Ion Ratio Lower Upper
196 100
198 98.8 75.1 112.7
200 31.3 22.5 33.7

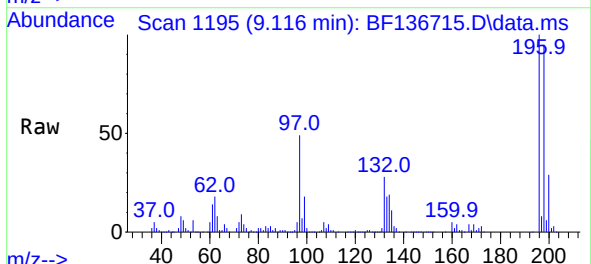
Manual Integrations

APPROVED

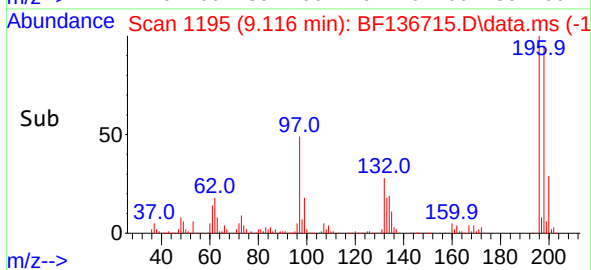
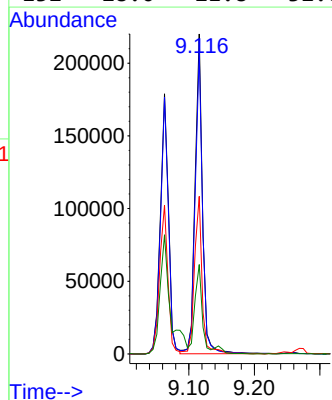
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

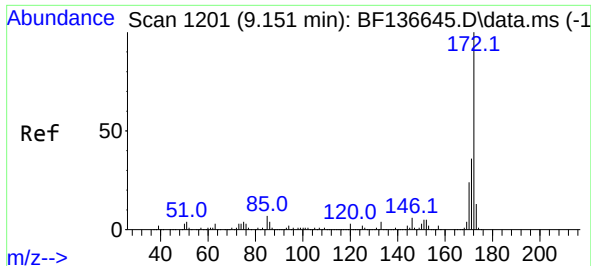


#44
2,4,5-Trichlorophenol
Concen: 40.262 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50



Tgt Ion:196 Resp: 171662
Ion Ratio Lower Upper
196 100
198 94.5 77.0 115.6
97 49.3 36.1 54.1
132 28.0 21.8 32.6





#45
2-Fluorobiphenyl
Concen: 73.863 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

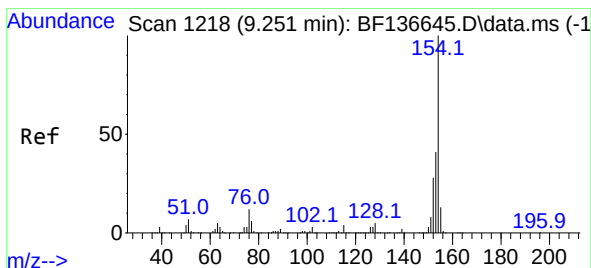
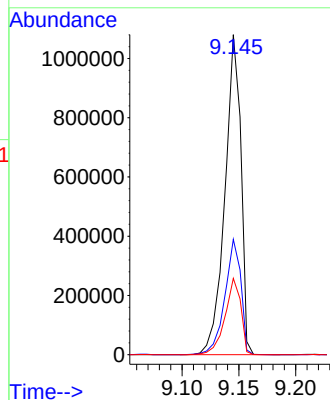
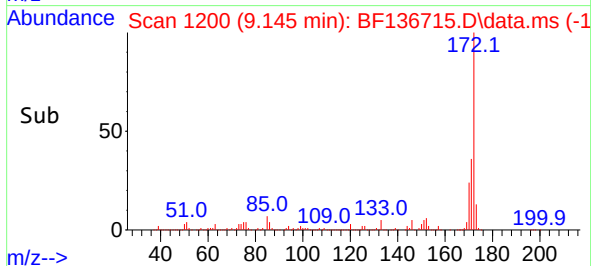
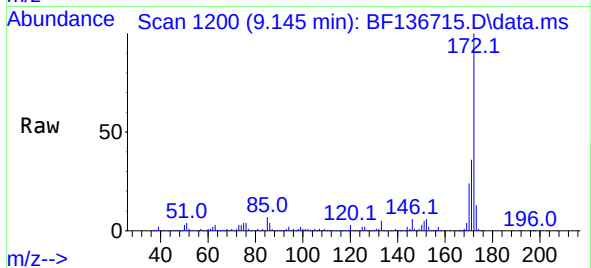
PB157895BS

Tgt Ion:172 Resp: 105792
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.6
170 23.8 19.0 28.4

Manual Integrations

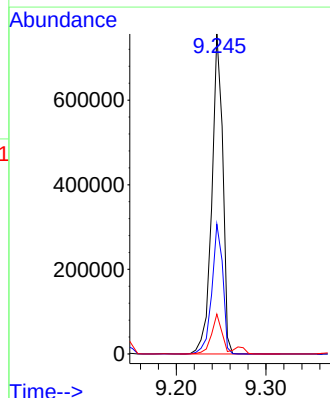
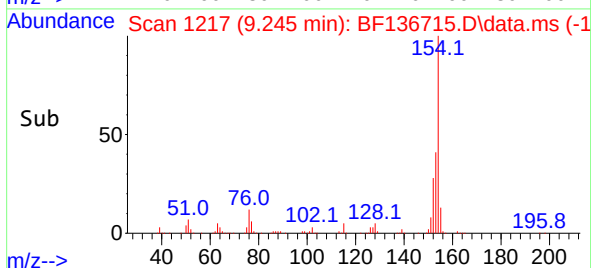
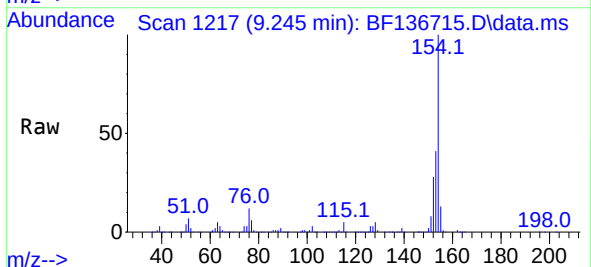
APPROVED

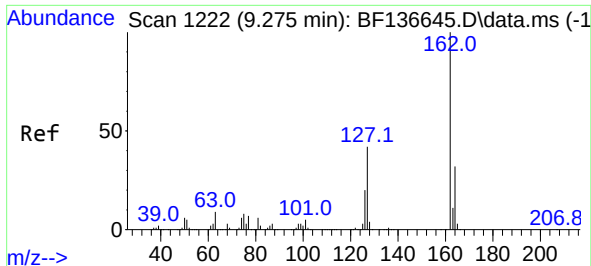
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#46
1,1'-Biphenyl
Concen: 39.548 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Tgt Ion:154 Resp: 639311
Ion Ratio Lower Upper
154 100
153 40.5 21.1 61.1
76 12.4 0.0 31.7





#47
2-Chloronaphthalene
Concen: 39.759 ng
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

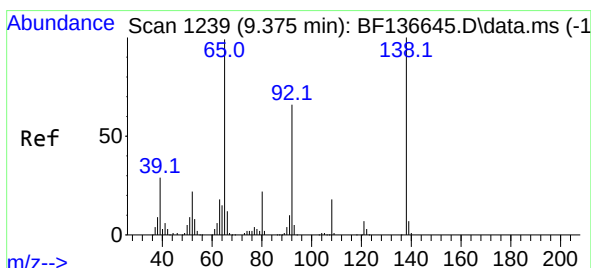
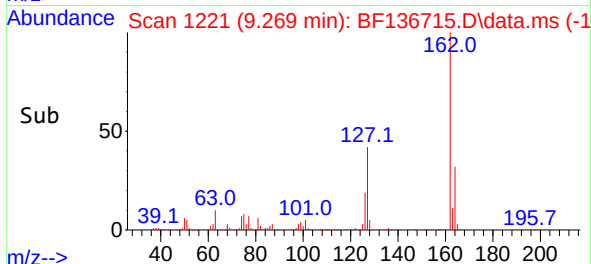
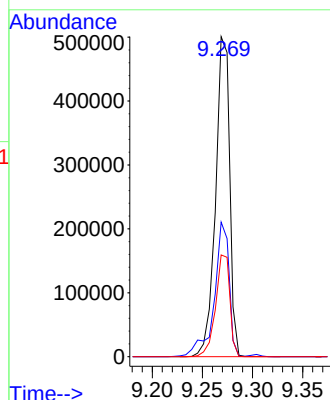
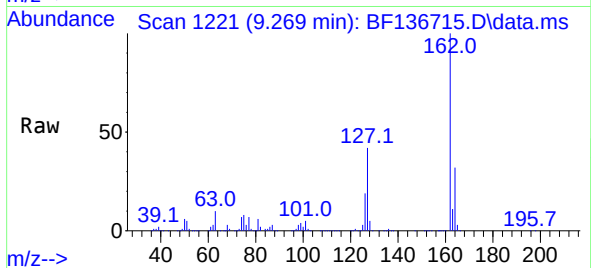
ClientSampleId :

PB157895BS

Tgt Ion:162 Resp: 488602
Ion Ratio Lower Upper
162 100
127 42.1 33.6 50.4
164 31.8 25.7 38.5

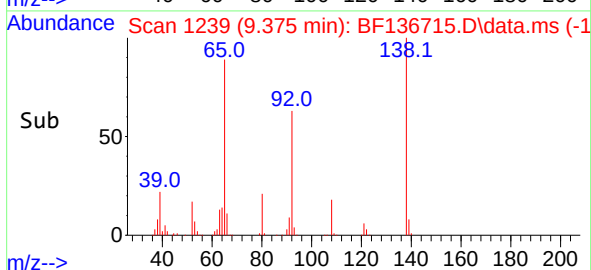
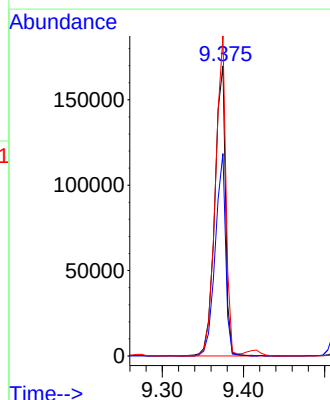
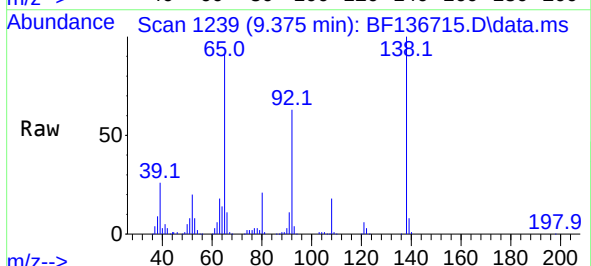
Manual Integrations
APPROVED

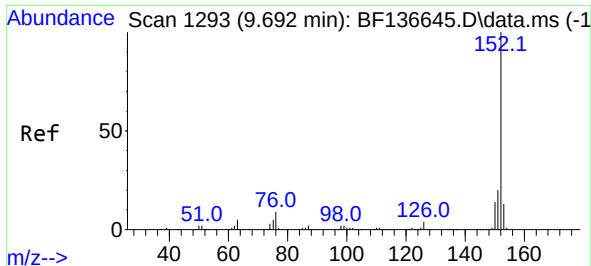
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#48
2-Nitroaniline
Concen: 40.421 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Tgt Ion: 65 Resp: 155552
Ion Ratio Lower Upper
65 100
92 69.8 53.2 79.8
138 110.3 81.1 121.7





#49

Acenaphthylene

Concen: 41.054 ng

RT: 9.686 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BF136715.D

Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157895BS

Tgt Ion:152 Resp: 771158

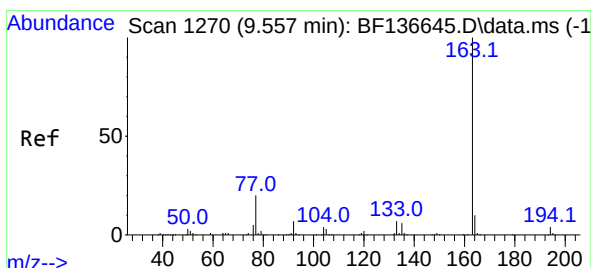
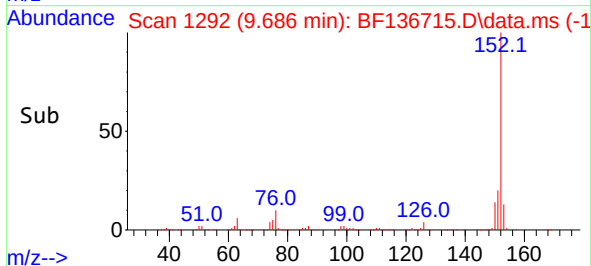
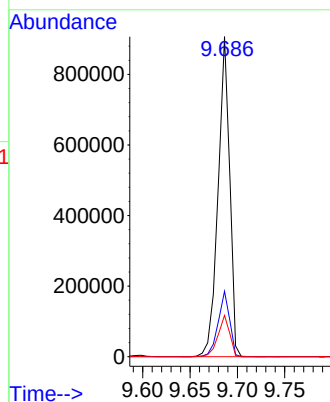
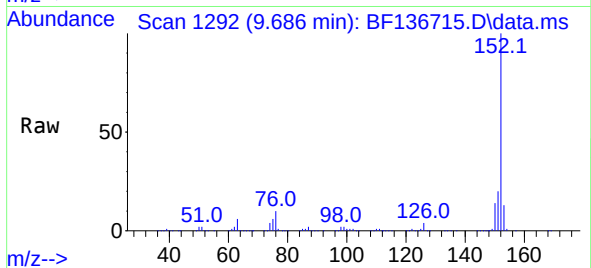
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4
153	12.9	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2023

Supervised By :mohammad ahmed 12/27/2023



#50

Dimethylphthalate

Concen: 39.753 ng

RT: 9.551 min Scan# 1269

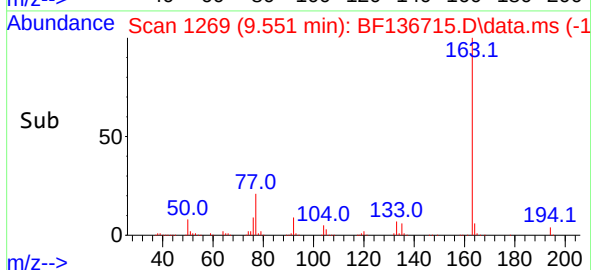
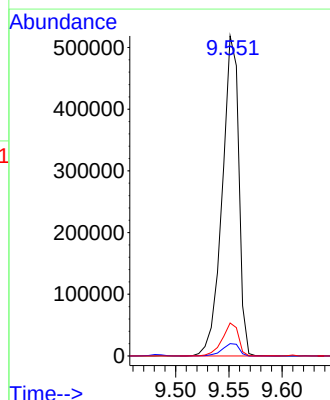
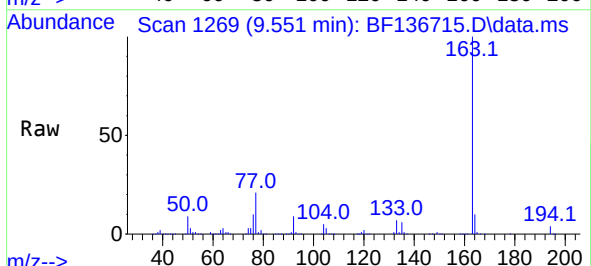
Delta R.T. -0.006 min

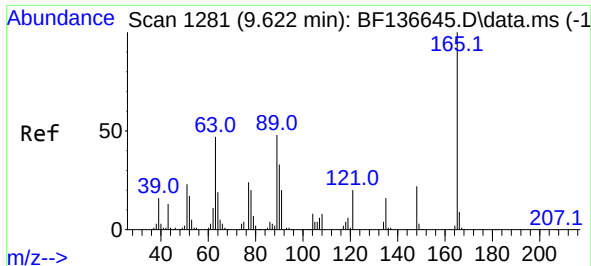
Lab File: BF136715.D

Acq: 26 Dec 2023 12:50

Tgt Ion:163 Resp: 559351

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.3	7.8	11.6





#51
2,6-Dinitrotoluene
Concen: 39.337 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

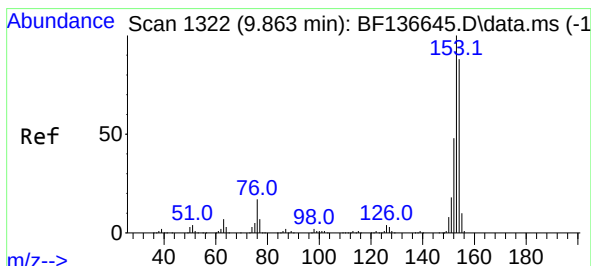
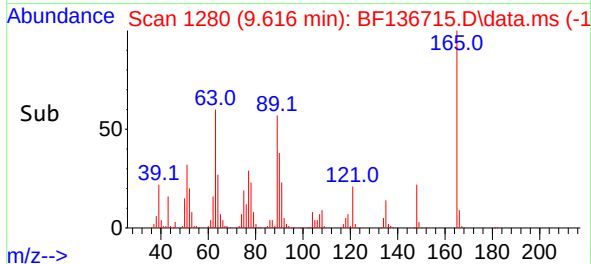
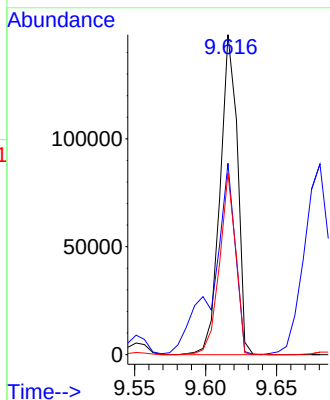
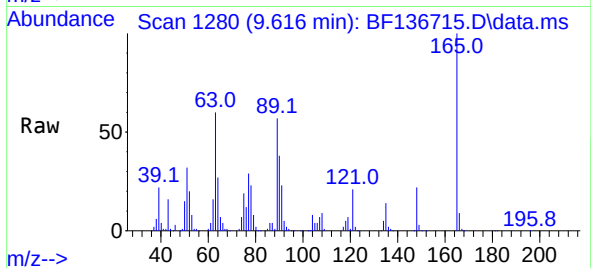
PB157895BS

Tgt Ion:165 Resp: 125617
Ion Ratio Lower Upper
165 100
63 59.8 39.8 59.6
89 56.8 38.8 58.2

Manual Integrations

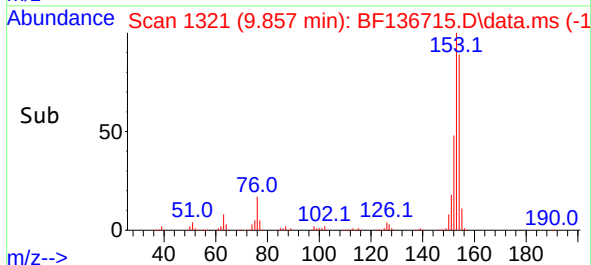
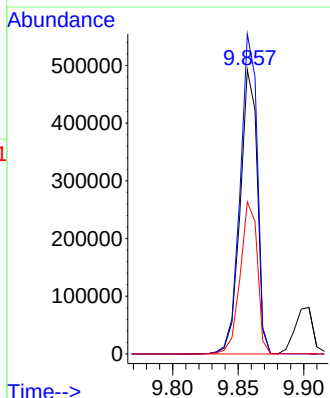
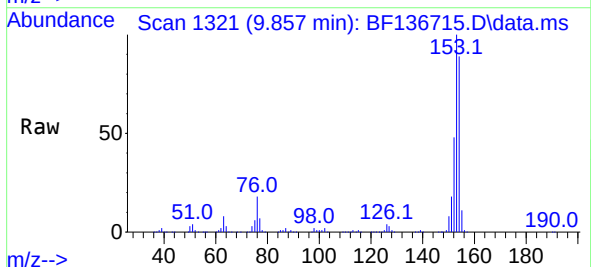
APPROVED

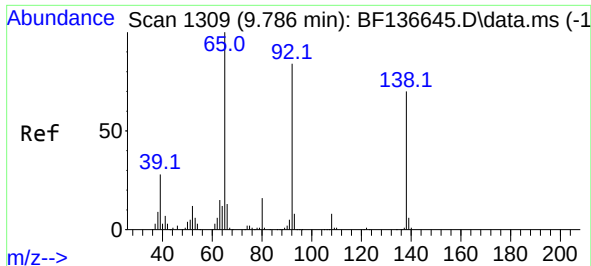
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#52
Acenaphthene
Concen: 38.392 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Tgt Ion:154 Resp: 447023
Ion Ratio Lower Upper
154 100
153 112.6 90.7 136.1
152 53.6 43.7 65.5





#53
3-Nitroaniline
Concen: 31.271 ng
RT: 9.786 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

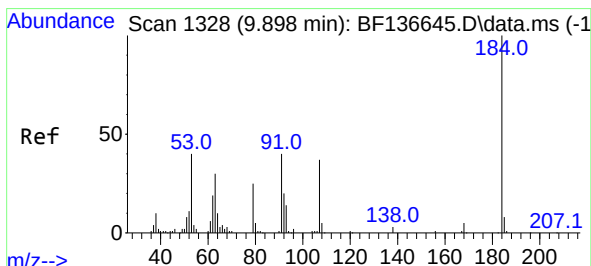
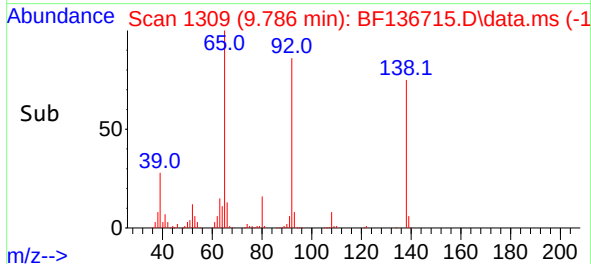
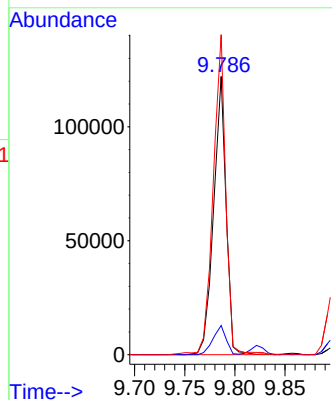
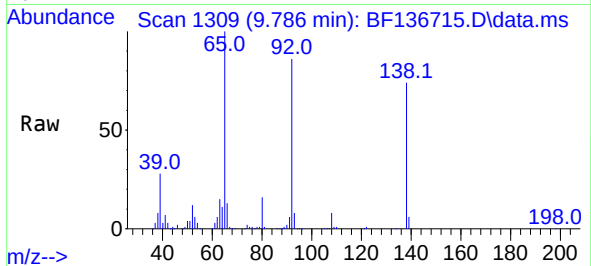
PB157895BS

Tgt Ion:138 Resp: 10578
Ion Ratio Lower Upper
138 100
108 10.4 8.6 12.8
92 115.0 95.2 142.8

Manual Integrations

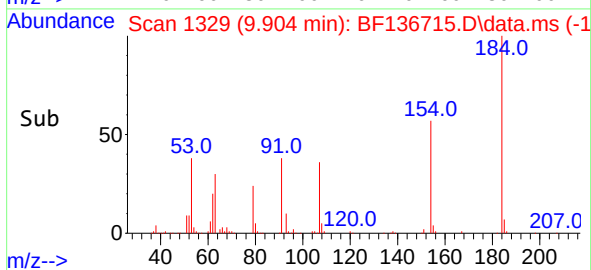
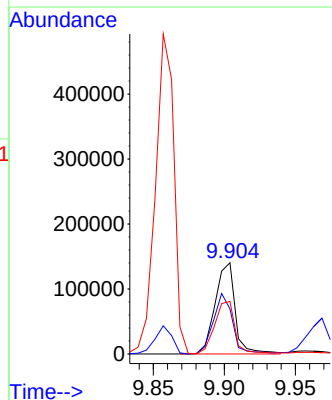
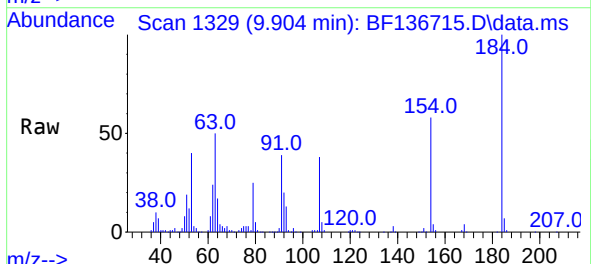
APPROVED

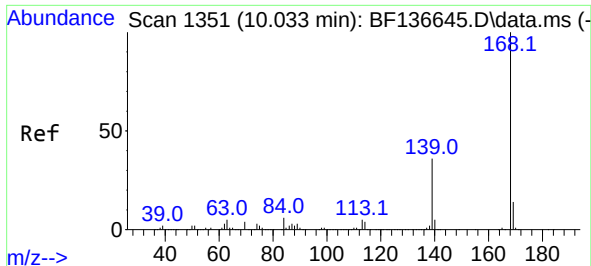
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#54
2,4-Dinitrophenol
Concen: 77.995 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Tgt Ion:184 Resp: 137866
Ion Ratio Lower Upper
184 100
63 49.5 40.9 61.3
154 57.5 42.7 64.1





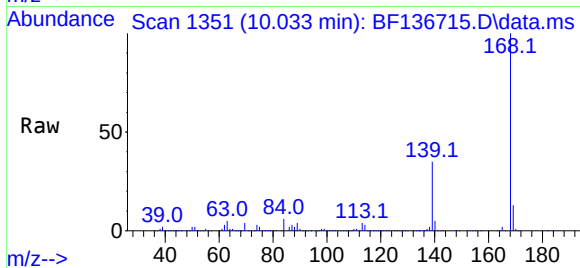
#55
Dibenzenofuran
Concen: 38.455 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157895BS

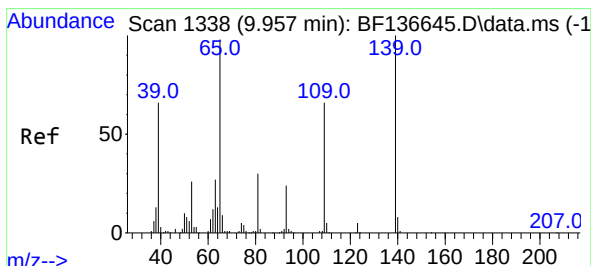
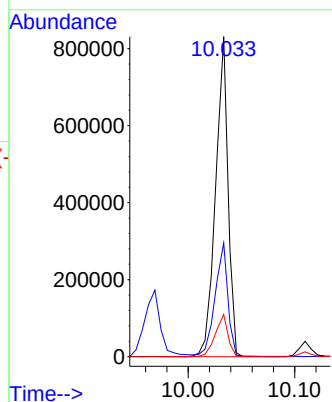
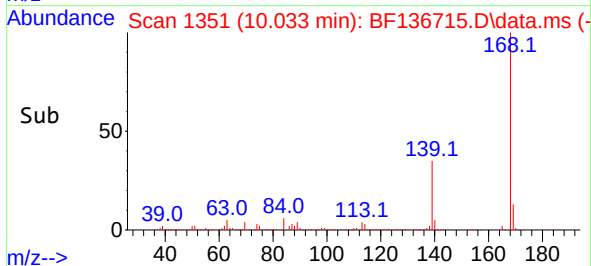


Tgt Ion:168 Resp: 678739
Ion Ratio Lower Upper
168 100
139 35.5 29.3 43.9
169 13.2 11.0 16.4

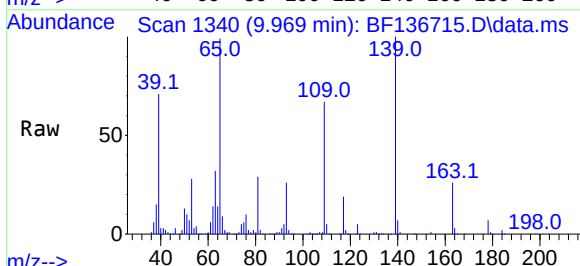
Manual Integrations

APPROVED

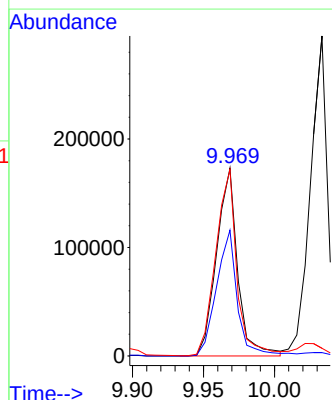
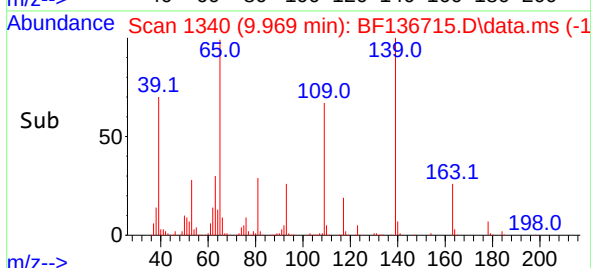
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

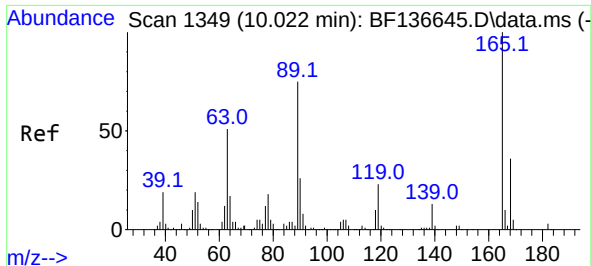


#56
4-Nitrophenol
Concen: 78.424 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50



Tgt Ion:139 Resp: 179089
Ion Ratio Lower Upper
139 100
109 67.0 45.8 85.8
65 99.3 77.8 117.8





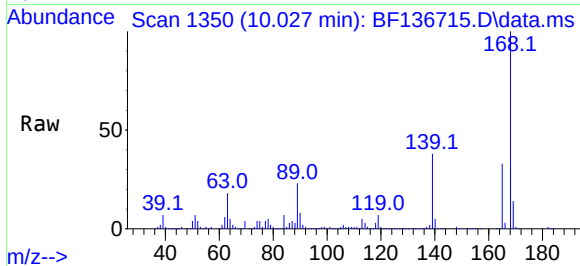
#57
2,4-Dinitrotoluene
Concen: 37.914 ng
RT: 10.027 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157895BS

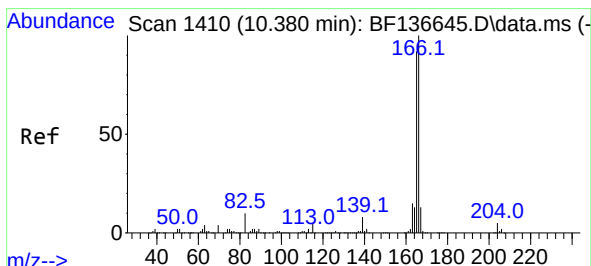
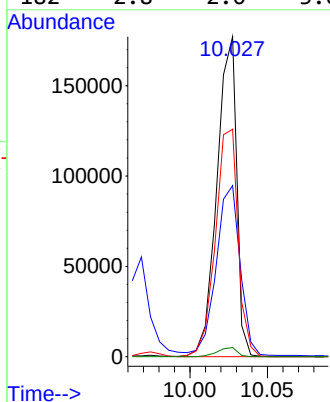
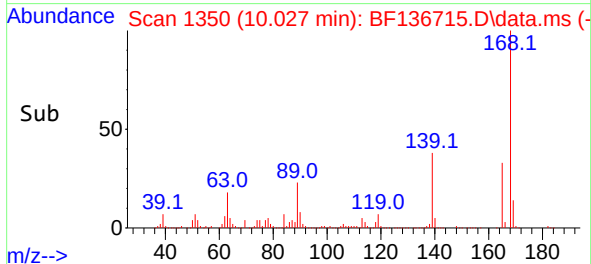


Tgt Ion:165 Resp: 157170
Ion Ratio Lower Upper
165 100
63 53.5 41.0 61.6
89 71.1 59.9 89.9
182 2.8 2.0 3.0

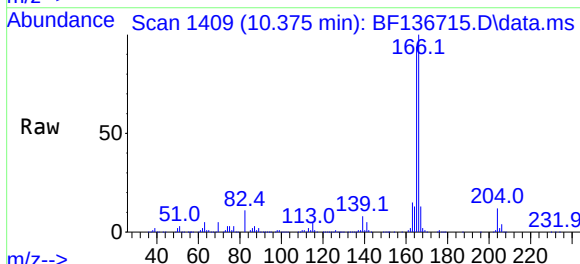
Manual Integrations

APPROVED

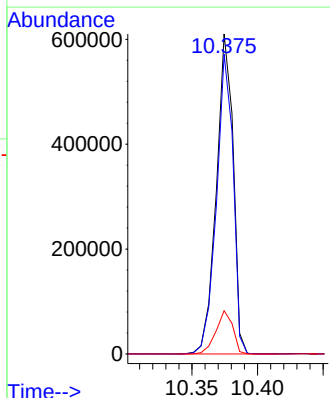
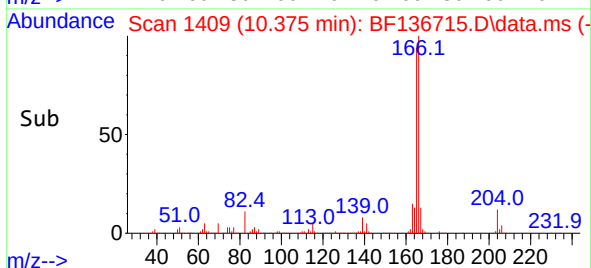
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

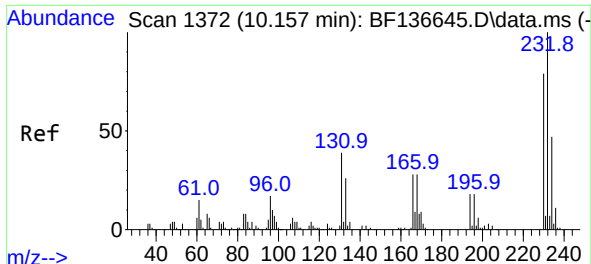


#58
Fluorene
Concen: 38.761 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50



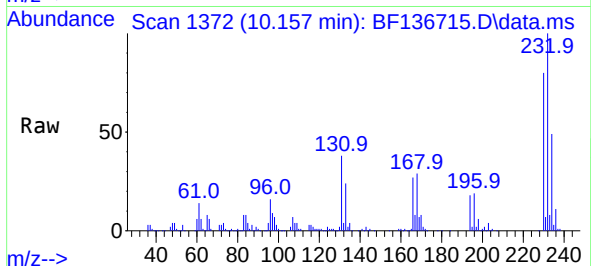
Tgt Ion:166 Resp: 542835
Ion Ratio Lower Upper
166 100
165 93.6 73.7 110.5
167 13.5 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.343 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

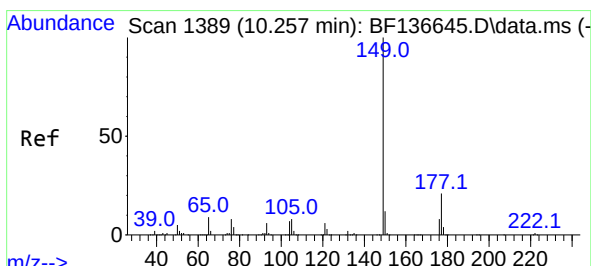
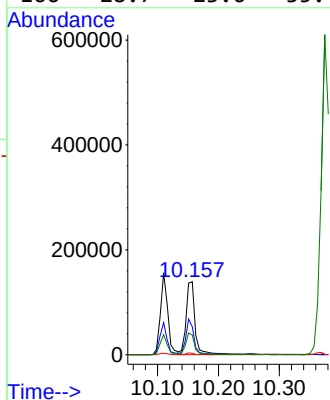
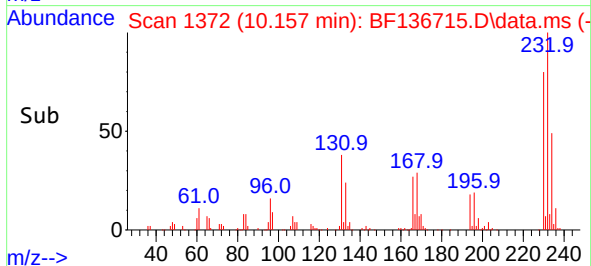
Instrument :
BNA_F
ClientSampleId :
PB157895BS



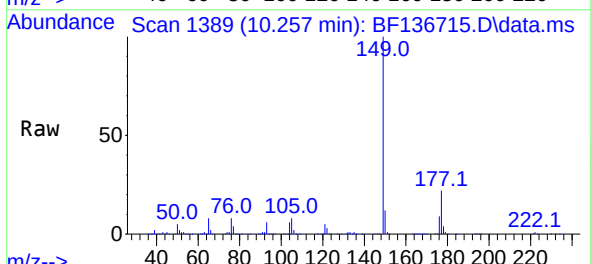
Tgt Ion:232 Resp: 142252
Ion Ratio Lower Upper
232 100
131 43.0 35.1 52.7
130 2.1 1.6 2.4
166 28.7 23.6 35.4

Manual Integrations
APPROVED

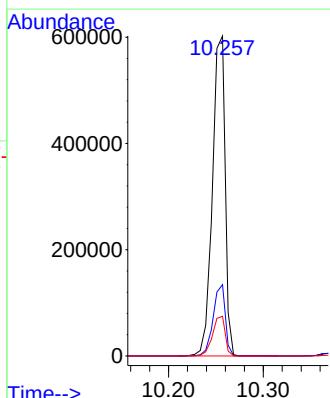
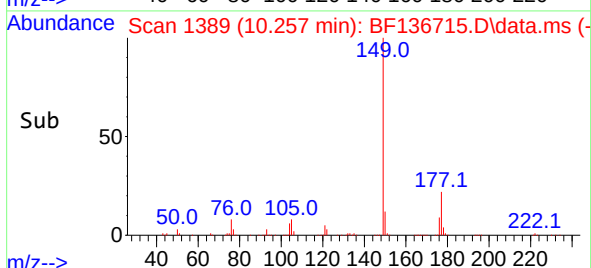
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

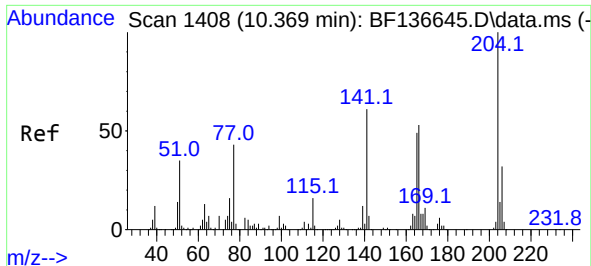


#60
Diethylphthalate
Concen: 38.442 ng
RT: 10.257 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50



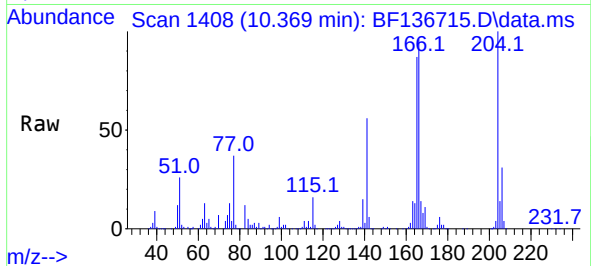
Tgt Ion:149 Resp: 561227
Ion Ratio Lower Upper
149 100
177 22.3 16.9 25.3
150 12.4 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 37.678 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

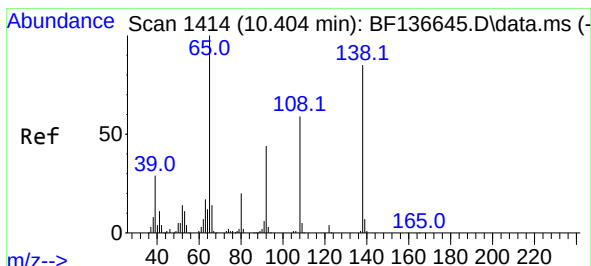
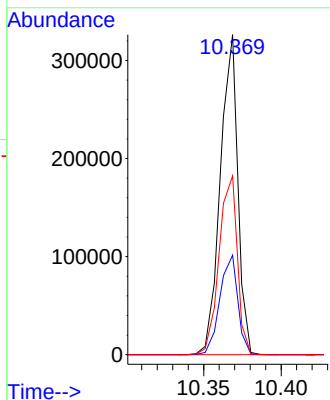
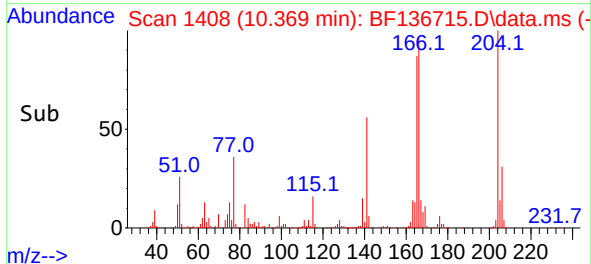
Instrument :
BNA_F
ClientSampleId :
PB157895BS



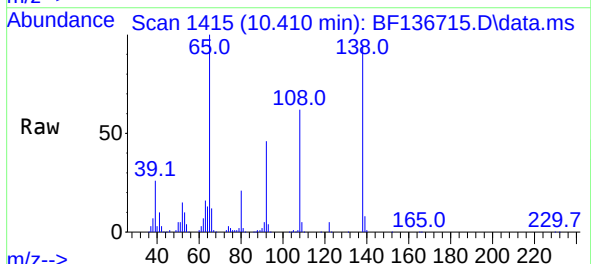
Tgt Ion:204 Resp: 25648
Ion Ratio Lower Upper
204 100
206 31.1 25.6 38.4
141 55.9 48.4 72.6

Manual Integrations
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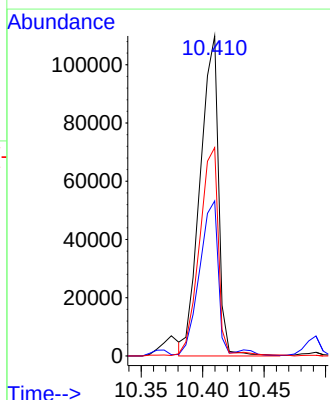
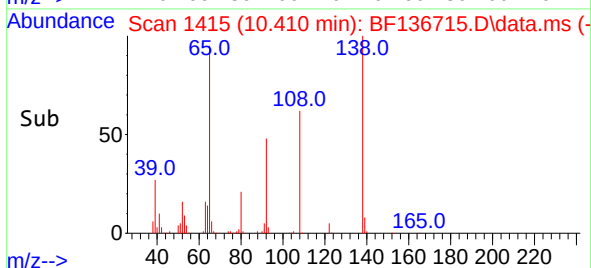
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

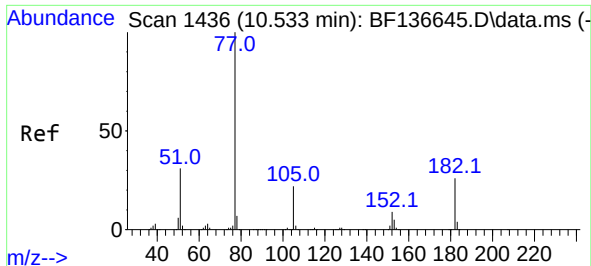


#62
4-Nitroaniline
Concen: 35.132 ng m
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50



Tgt Ion:138 Resp: 114567
Ion Ratio Lower Upper
138 100
92 48.5 32.1 72.1
108 65.1 50.1 90.1





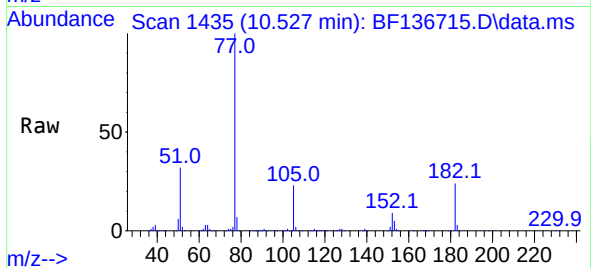
#63
Azobenzene
Concen: 38.298 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157895BS

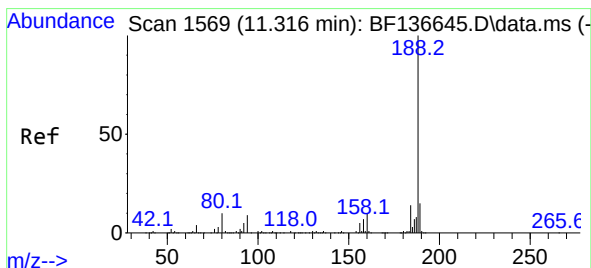
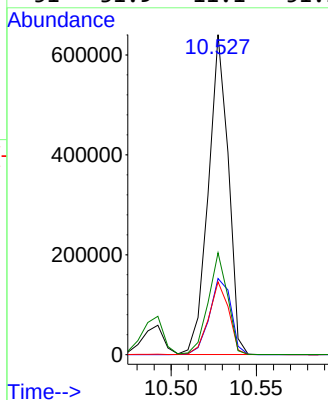
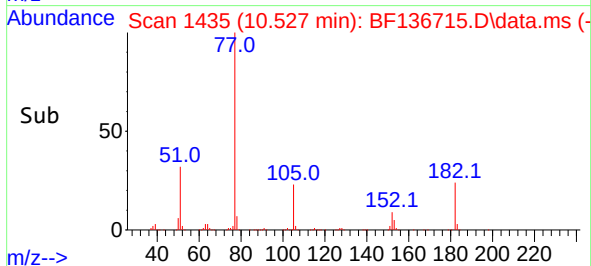


Tgt Ion: 77 Resp: 52222
Ion Ratio Lower Upper
77 100
182 23.8 6.0 46.0
105 22.8 2.3 42.3
51 31.9 11.1 51.1

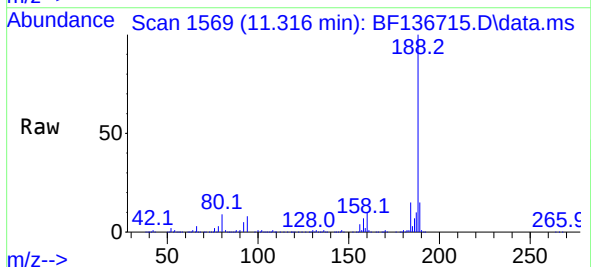
Manual Integrations

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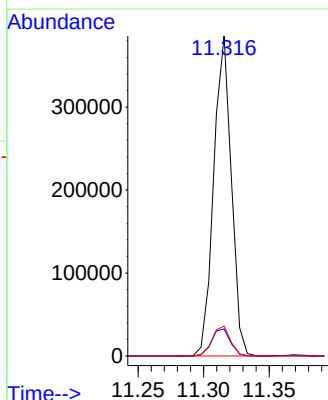
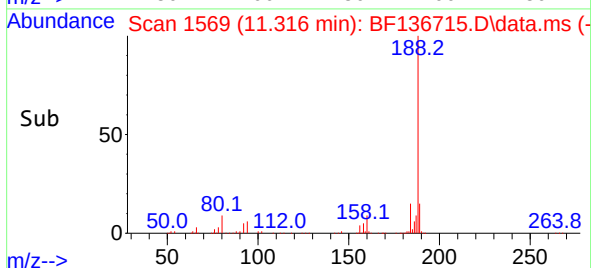
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

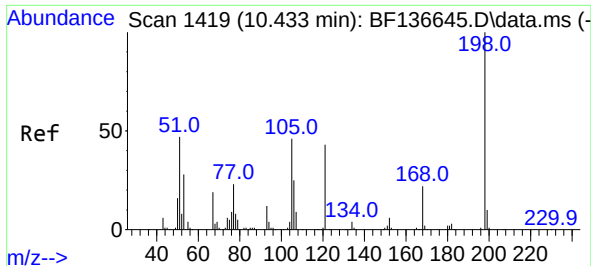


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50



Tgt Ion:188 Resp: 359576
Ion Ratio Lower Upper
188 100
94 8.5 7.5 11.3
80 9.3 8.1 12.1





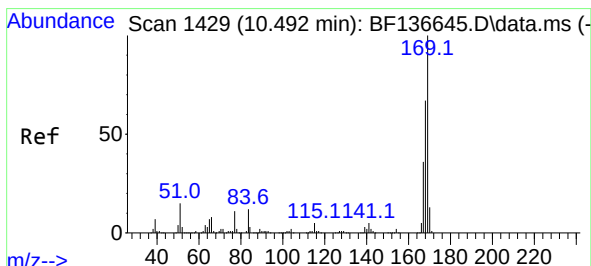
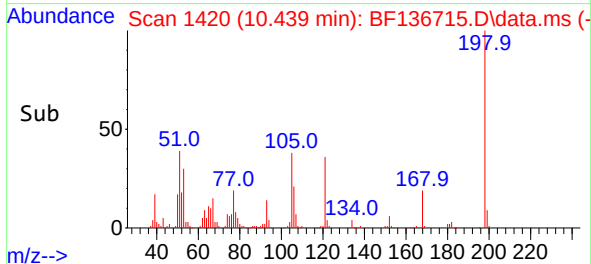
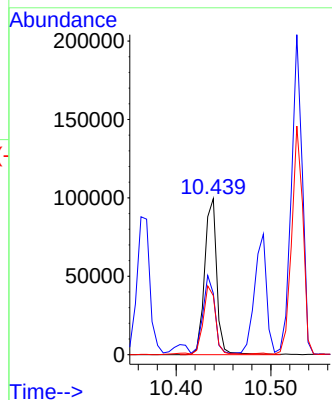
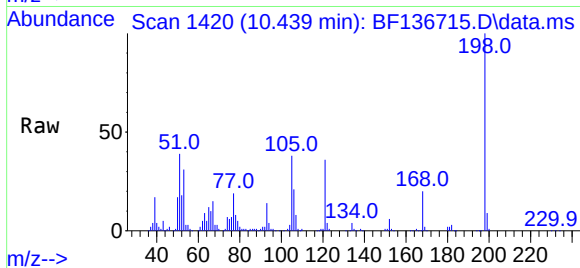
#65
4,6-Dinitro-2-methylphenol
Concen: 43.135 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Instrument :
BNA_F
ClientSampleId :
PB157895BS

Tgt Ion:198 Resp: 88889
Ion Ratio Lower Upper
198 100
51 39.2 34.1 74.1
105 37.8 27.3 67.3

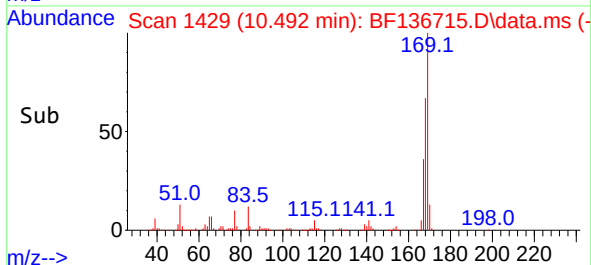
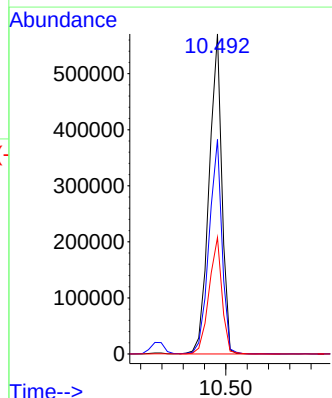
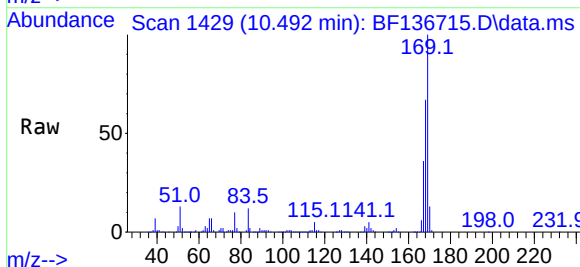
Manual Integrations
APPROVED

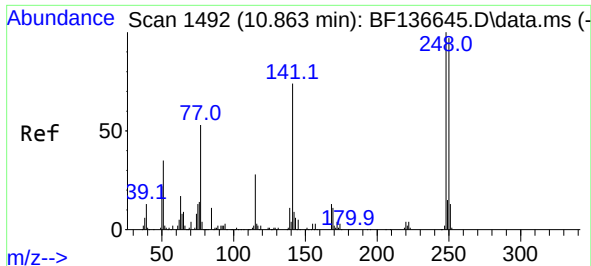
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#66
n-Nitrosodiphenylamine
Concen: 40.956 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Tgt Ion:169 Resp: 478398
Ion Ratio Lower Upper
169 100
168 67.0 53.8 80.6
167 36.4 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 39.502 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

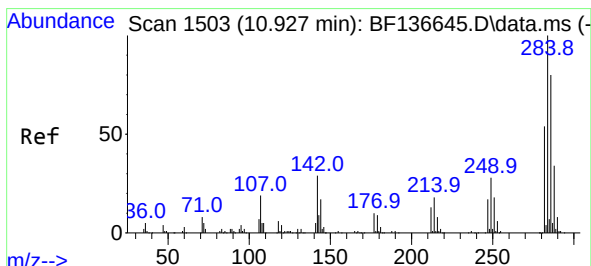
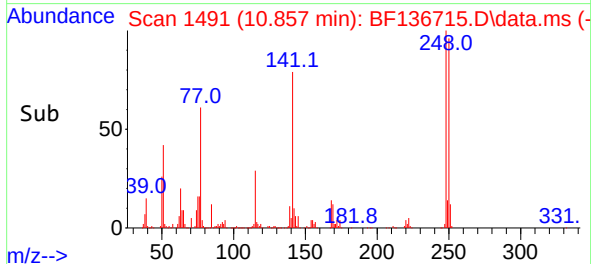
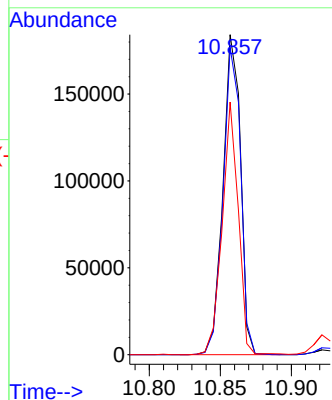
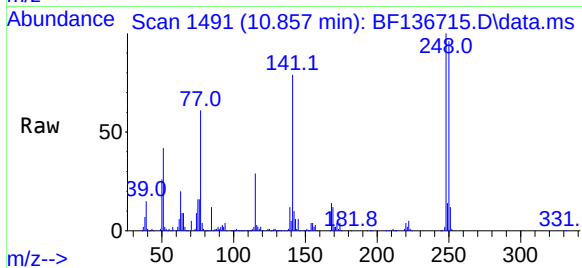
ClientSampleId :

PB157895BS

Tgt Ion:248 Resp: 15774
Ion Ratio Lower Upper
248 100
250 96.0 77.8 116.6
141 78.9 59.2 88.8

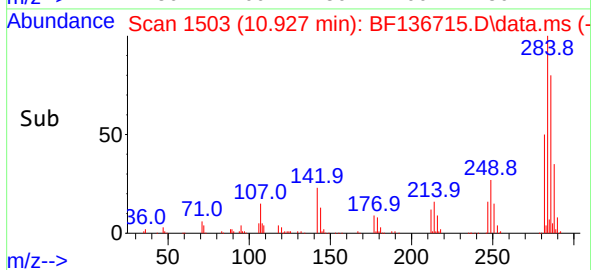
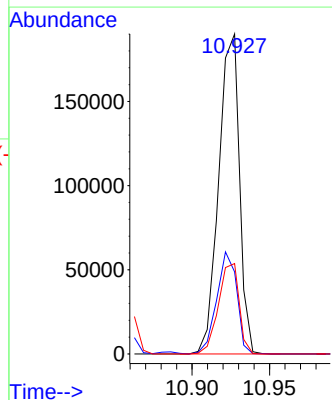
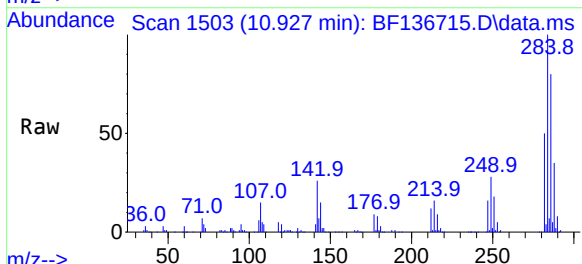
Manual Integrations
APPROVED

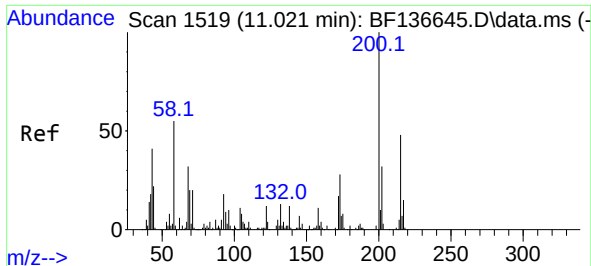
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#68
Hexachlorobenzene
Concen: 39.721 ng
RT: 10.927 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

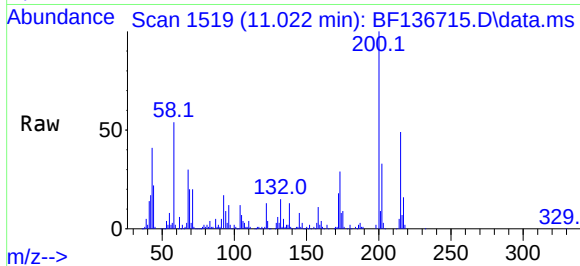
Tgt Ion:284 Resp: 176767
Ion Ratio Lower Upper
284 100
142 25.7 23.4 35.0
249 28.3 22.3 33.5





#69
Atrazine
Concen: 39.120 ng
RT: 11.022 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

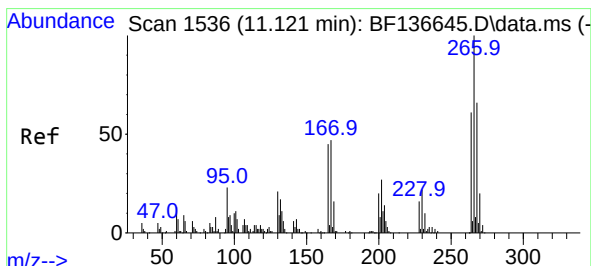
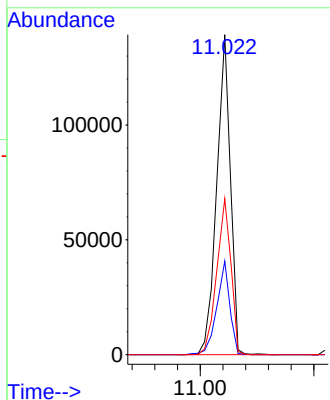
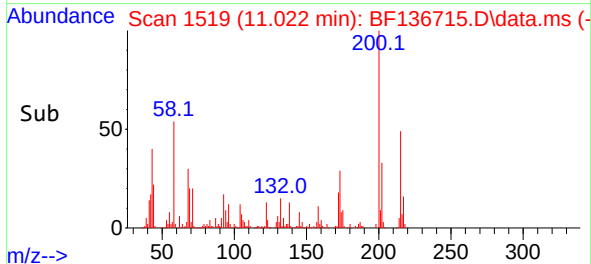
Instrument :
BNA_F
ClientSampleId :
PB157895BS



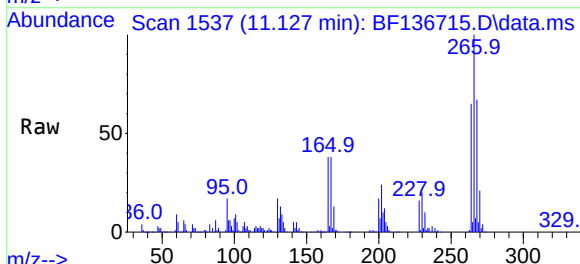
Tgt Ion:200 Resp: 11687
Ion Ratio Lower Upper
200 100
173 29.2 7.6 47.6
215 48.8 28.3 68.3

Manual Integrations
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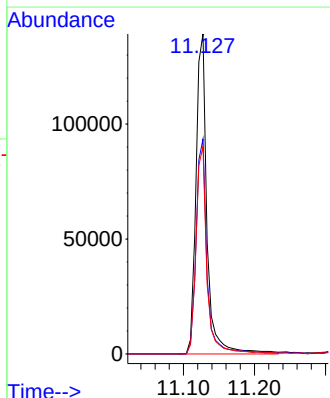
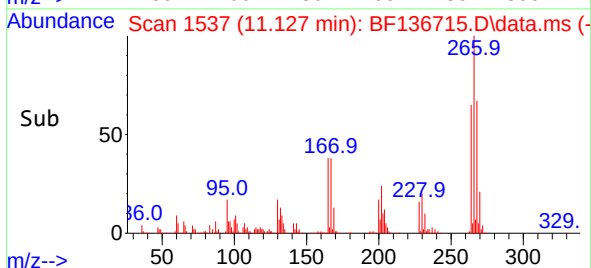
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

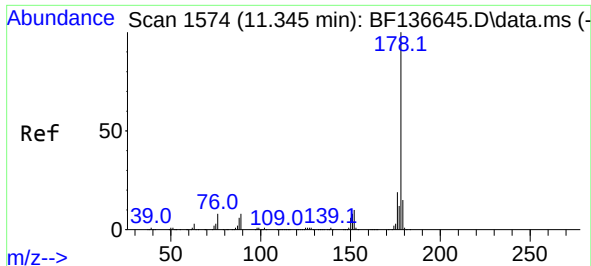


#70
Pentachlorophenol
Concen: 72.585 ng
RT: 11.127 min Scan# 1537
Delta R.T. 0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50



Tgt Ion:266 Resp: 150563
Ion Ratio Lower Upper
266 100
268 67.1 52.6 78.8
264 64.8 49.0 73.4





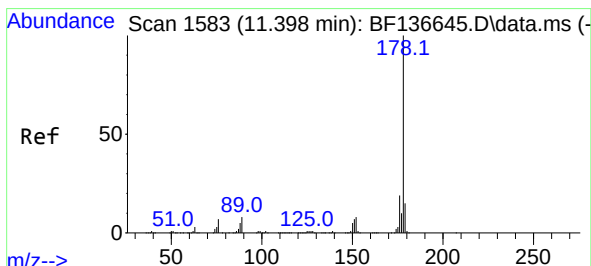
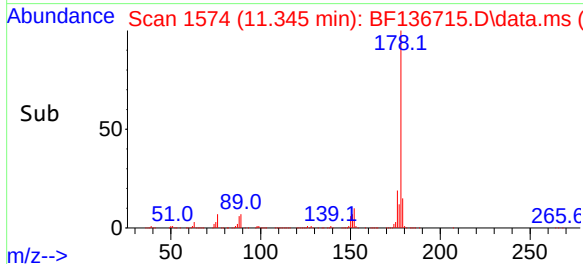
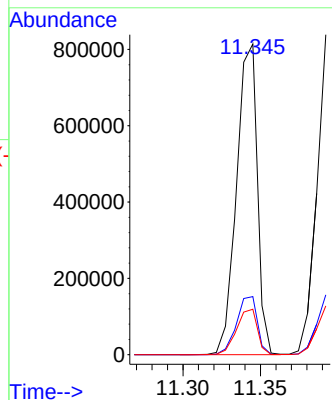
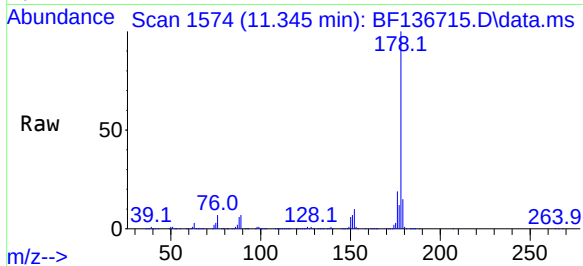
#71
Phenanthrene
Concen: 41.168 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Instrument :
BNA_F
ClientSampleId :
PB157895BS

Tgt Ion:178 Resp: 759552
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 14.6 11.9 17.9

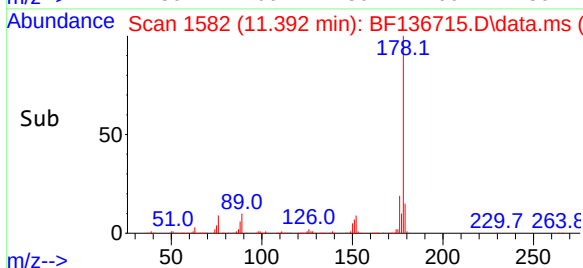
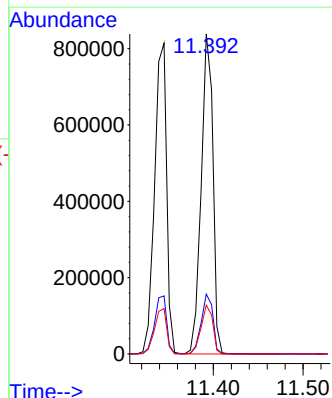
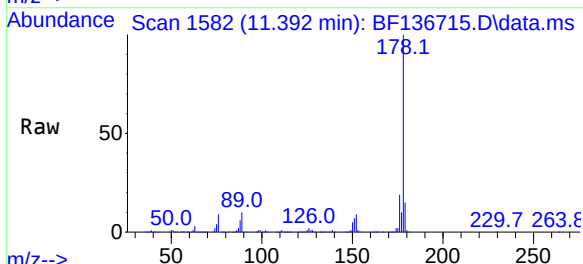
Manual Integrations
APPROVED

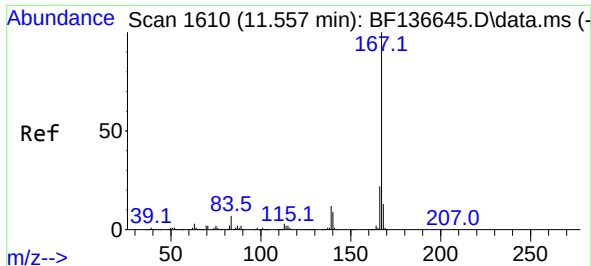
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#72
Anthracene
Concen: 40.700 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

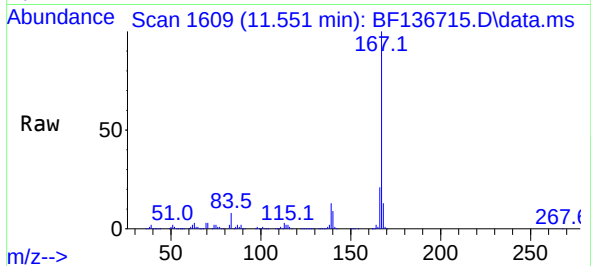
Tgt Ion:178 Resp: 760485
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.3 11.8 17.6





#73
 Carbazole
 Concen: 39.652 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF136715.D
 Acq: 26 Dec 2023 12:50

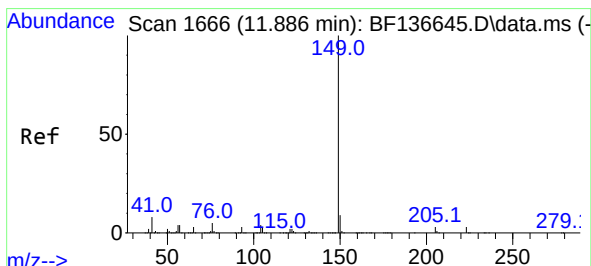
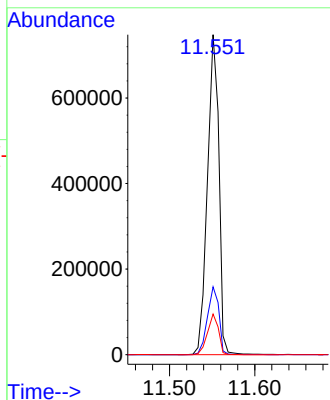
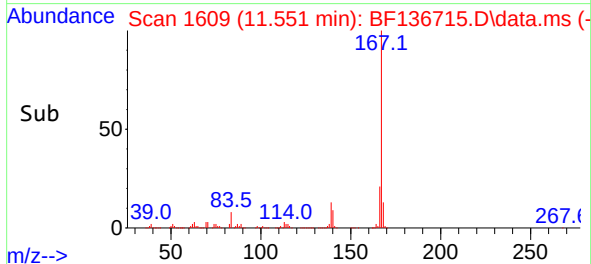
Instrument :
 BNA_F
 ClientSampleId :
 PB157895BS



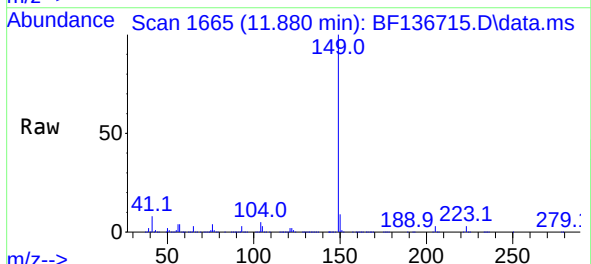
Tgt Ion:167 Resp: 698533
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.3 25.9
 139 12.7 9.8 14.6

Manual Integrations
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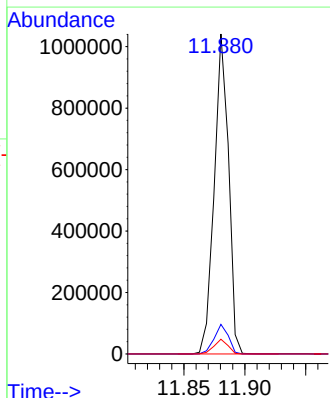
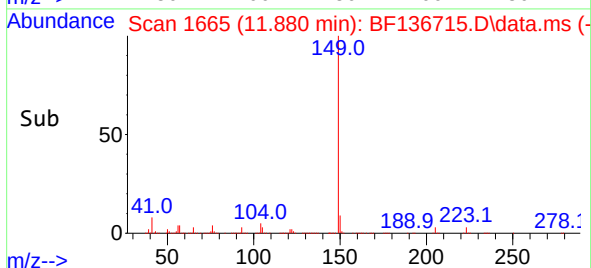
Reviewed By :Yogesh Patel 12/27/2023
 Supervised By :mohammad ahmed 12/27/2023

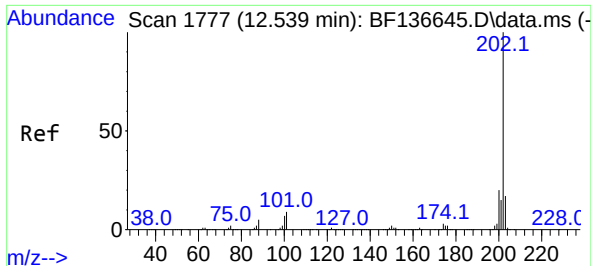


#74
 Di-n-butylphthalate
 Concen: 39.470 ng
 RT: 11.880 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF136715.D
 Acq: 26 Dec 2023 12:50



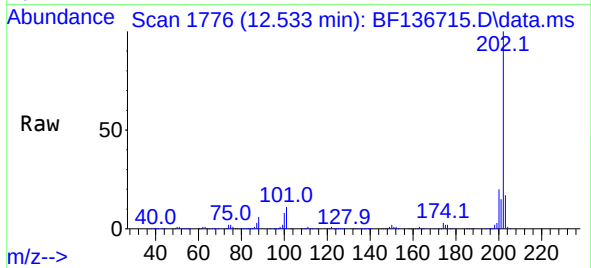
Tgt Ion:149 Resp: 848475
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 4.6 3.6 5.4





#75
Fluoranthene
Concen: 38.817 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

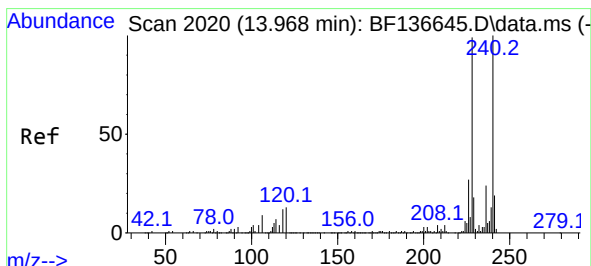
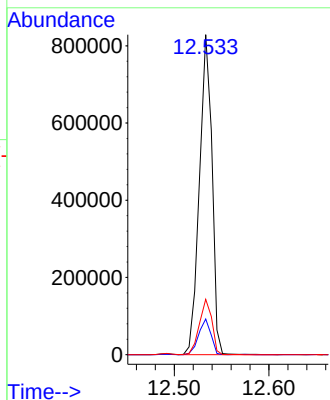
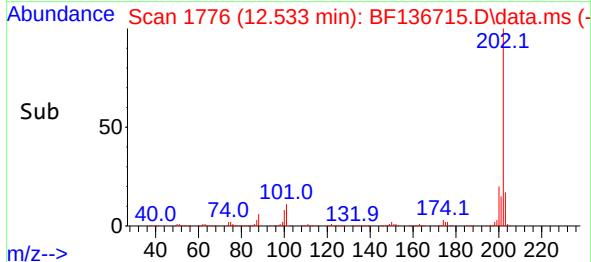
Instrument :
BNA_F
ClientSampleId :
PB157895BS



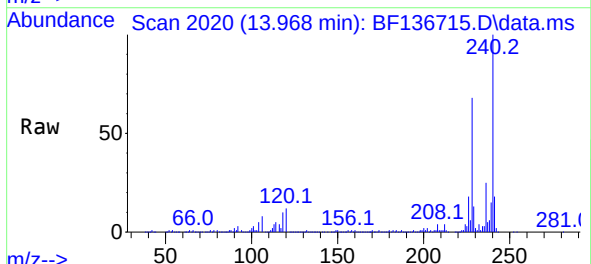
Tgt Ion:202 Resp: 766059
Ion Ratio Lower Upper
202 100
101 11.1 0.0 29.3
203 17.3 0.0 37.1

Manual Integrations
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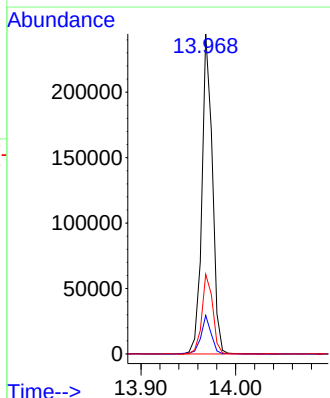
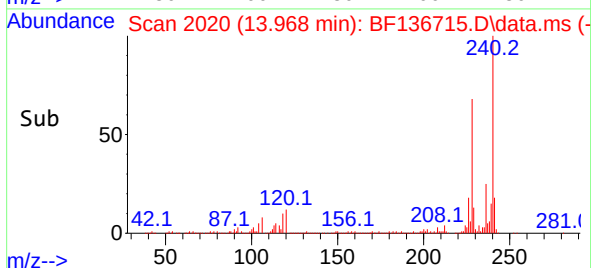
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

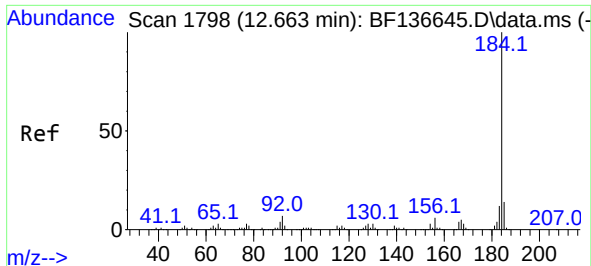


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50



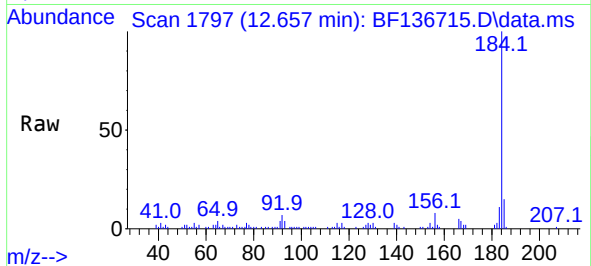
Tgt Ion:240 Resp: 188950
Ion Ratio Lower Upper
240 100
120 12.1 10.3 15.5
236 24.9 19.4 29.2





#77
Benzidine
Concen: 6.083 ng
RT: 12.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

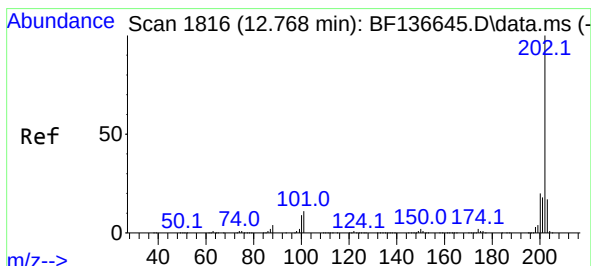
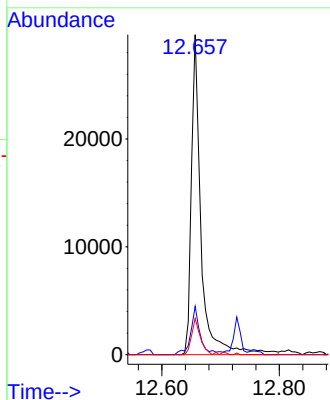
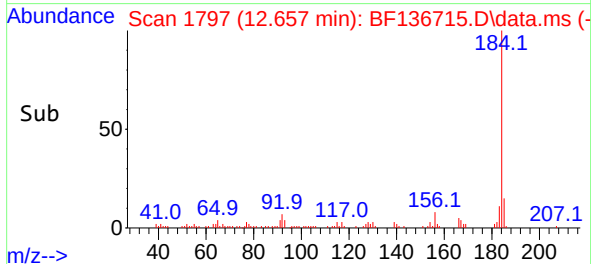
Instrument :
BNA_F
ClientSampleId :
PB157895BS



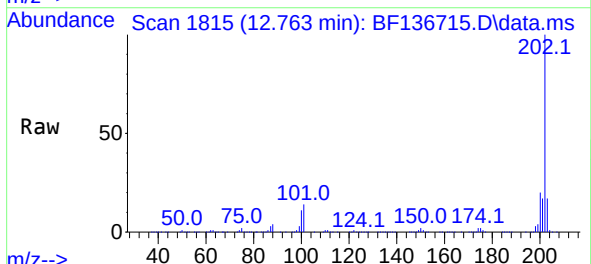
Tgt Ion:184 Resp: 33890
Ion Ratio Lower Upper
184 100
185 15.1 11.2 16.8
183 11.3 9.3 13.9

Manual Integrations
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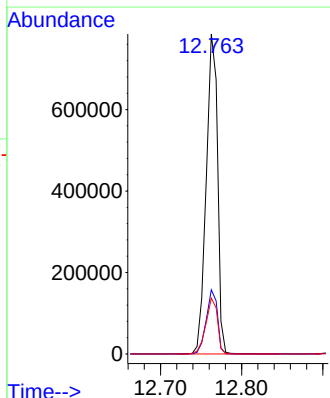
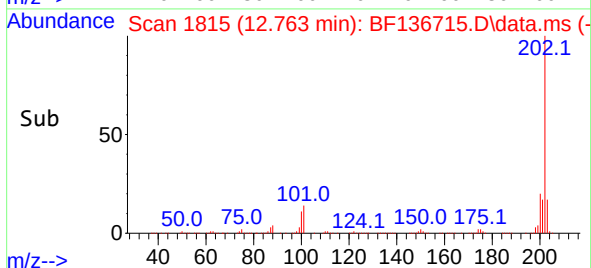
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

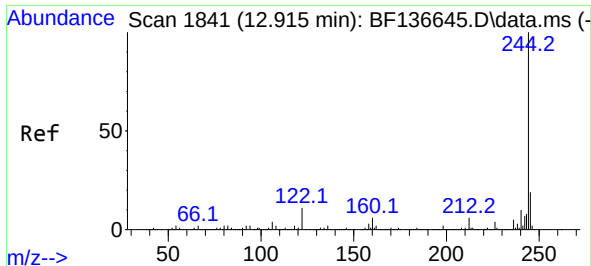


#78
Pyrene
Concen: 40.957 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50



Tgt Ion:202 Resp: 759691
Ion Ratio Lower Upper
202 100
200 20.0 15.9 23.9
203 17.4 13.8 20.6





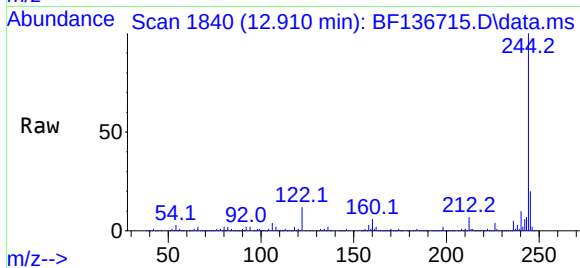
#79
 Terphenyl-d14
 Concen: 76.619 ng
 RT: 12.910 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136715.D
 Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157895BS

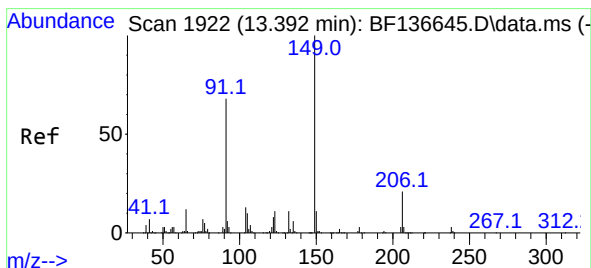
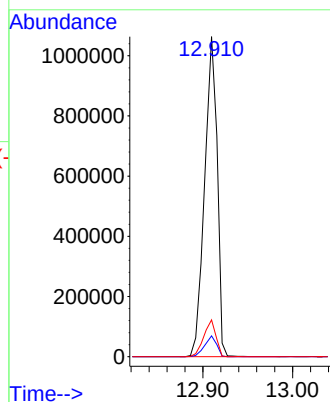
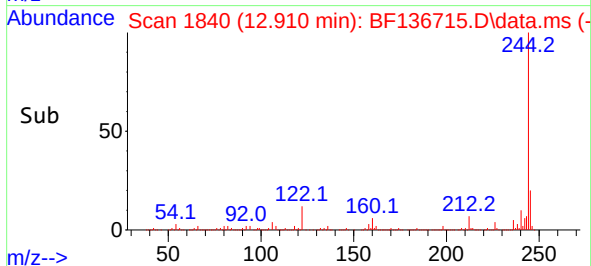


Tgt Ion:244 Resp: 1035960
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 11.5 9.0 13.4

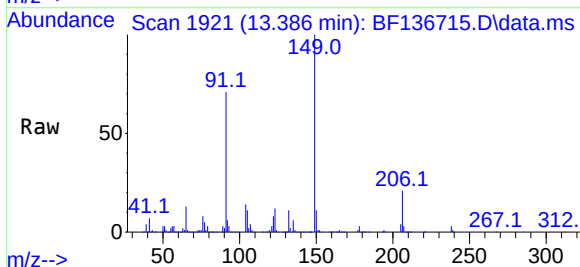
Manual Integrations

APPROVED

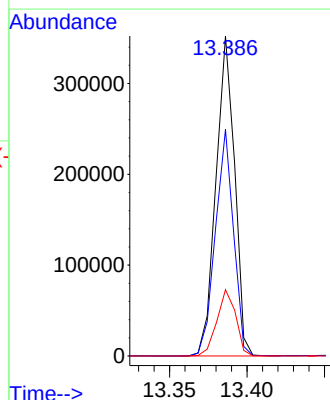
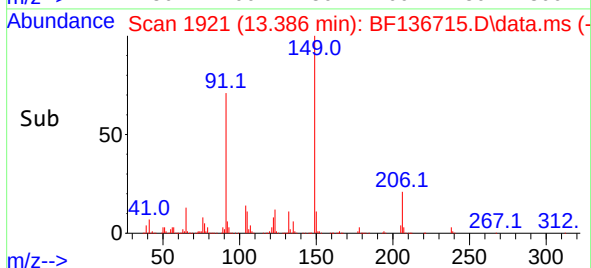
Reviewed By :Yogesh Patel 12/27/2023
 Supervised By :mohammad ahmed 12/27/2023

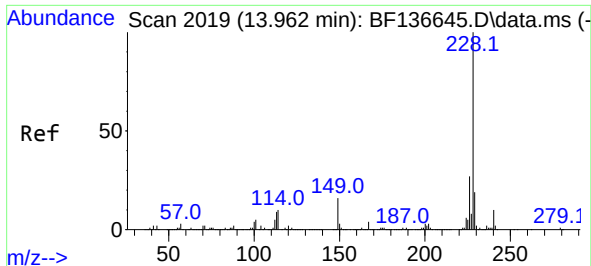


#80
 Butylbenzylphthalate
 Concen: 43.659 ng
 RT: 13.386 min Scan# 1921
 Delta R.T. -0.006 min
 Lab File: BF136715.D
 Acq: 26 Dec 2023 12:50



Tgt Ion:149 Resp: 294670
 Ion Ratio Lower Upper
 149 100
 91 70.8 54.1 81.1
 206 20.7 17.1 25.7





#81
Benzo(a)anthracene
Concen: 40.613 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

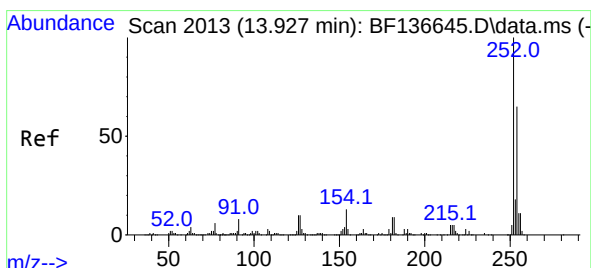
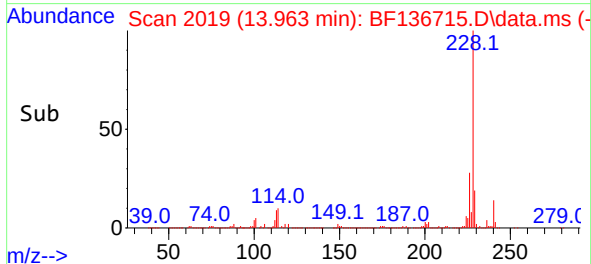
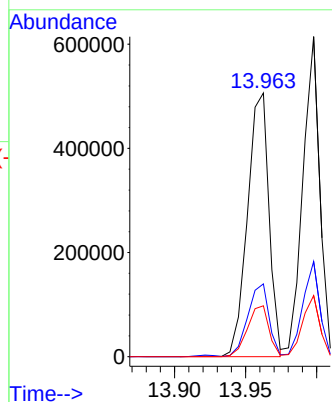
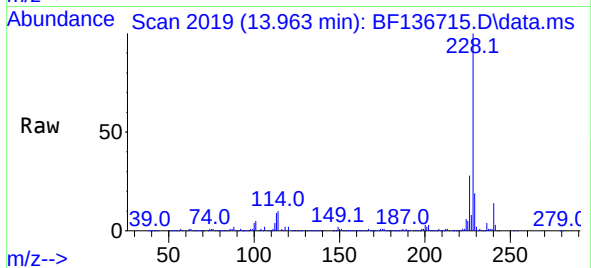
PB157895BS

Tgt Ion:228 Resp: 53285
Ion Ratio Lower Upper
228 100
226 27.6 21.4 32.0
229 19.3 14.9 22.3

Manual Integrations

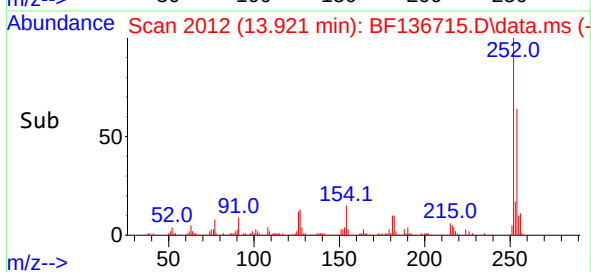
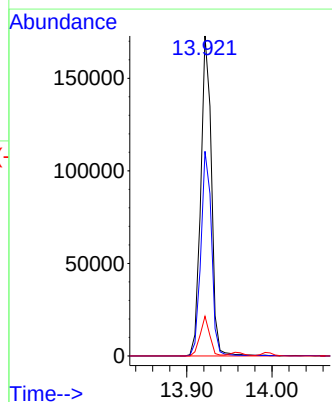
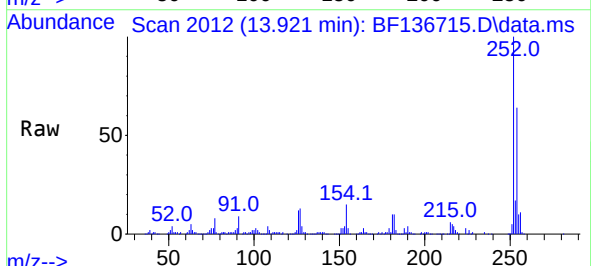
APPROVED

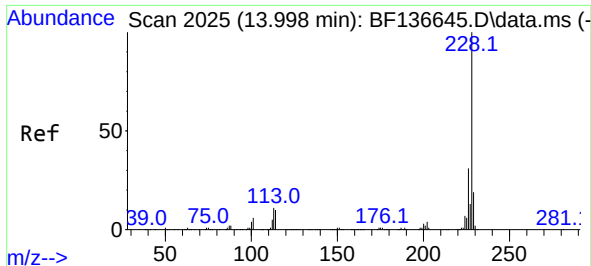
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#82
3,3'-Dichlorobenzidine
Concen: 40.484 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

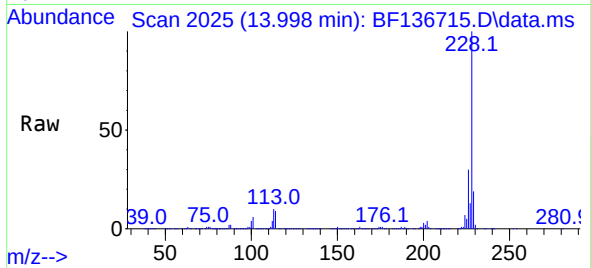
Tgt Ion:252 Resp: 150848
Ion Ratio Lower Upper
252 100
254 64.0 52.2 78.4
126 12.4 8.0 12.0#





#83
Chrysene
Concen: 39.600 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

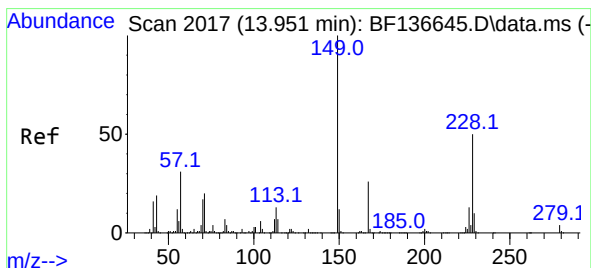
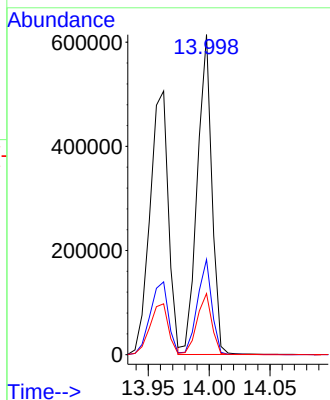
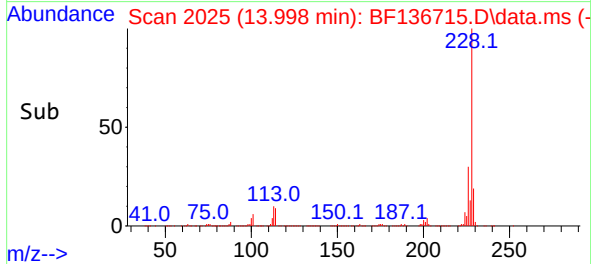
Instrument :
BNA_F
ClientSampleId :
PB157895BS



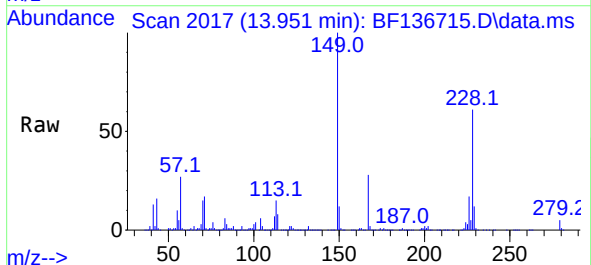
Tgt Ion:228 Resp: 508090
Ion Ratio Lower Upper
228 100
226 29.8 24.7 37.1
229 19.1 15.4 23.0

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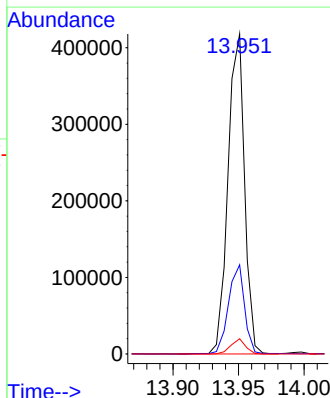
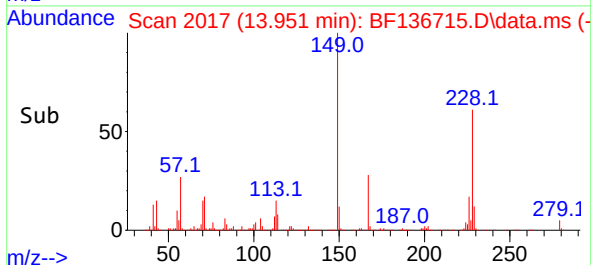
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

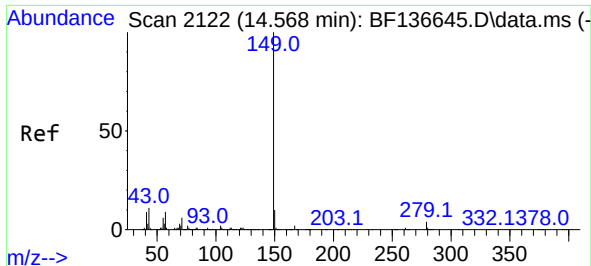


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.219 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50



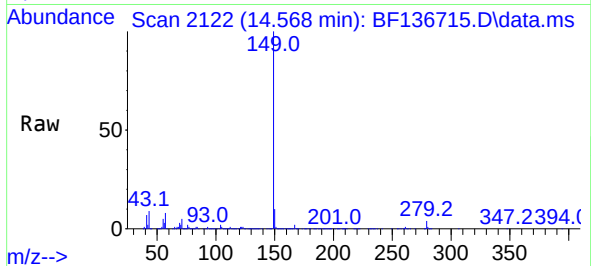
Tgt Ion:149 Resp: 367014
Ion Ratio Lower Upper
149 100
167 27.8 20.9 31.3
279 4.7 2.9 4.3#





#85
Di-n-octyl phthalate
Concen: 44.662 ng
RT: 14.568 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

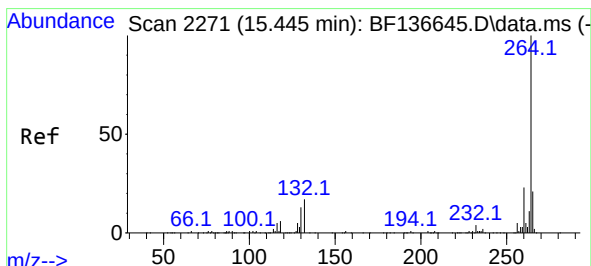
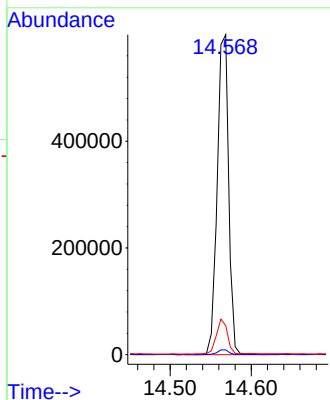
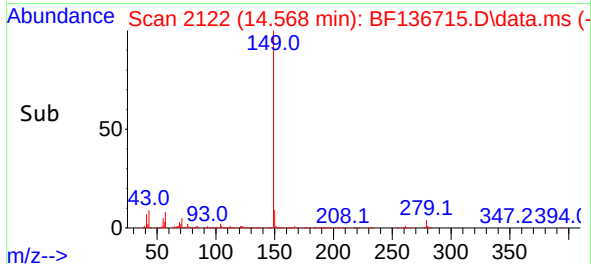
Instrument :
BNA_F
ClientSampleId :
PB157895BS



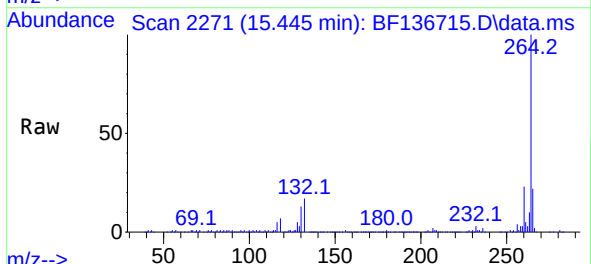
Tgt Ion:149 Resp: 58667
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.6 8.9 13.3

Manual Integrations
APPROVED

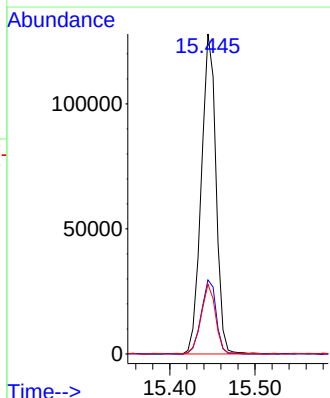
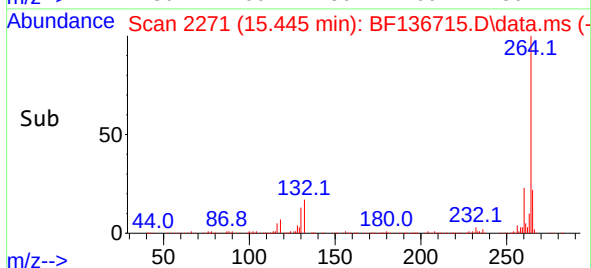
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023

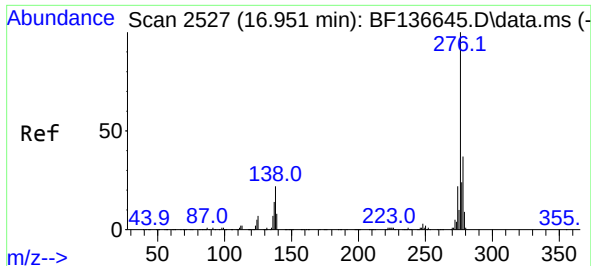


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50



Tgt Ion:264 Resp: 153171
Ion Ratio Lower Upper
264 100
260 23.2 18.3 27.5
265 21.8 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 50.730 ng
RT: 16.956 min Scan# 2198
Delta R.T. 0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

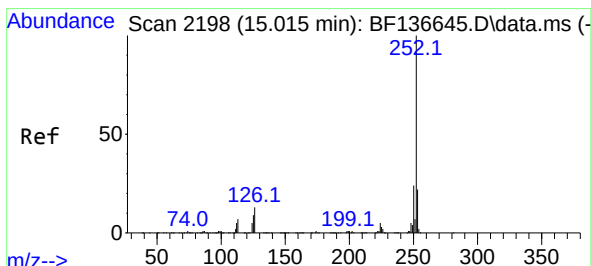
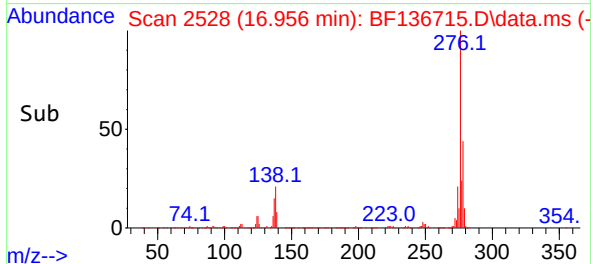
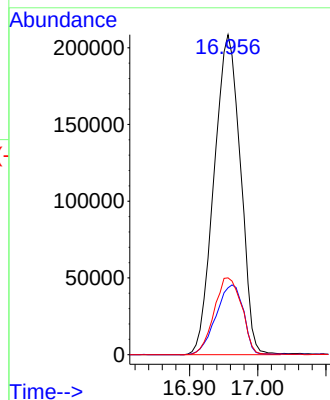
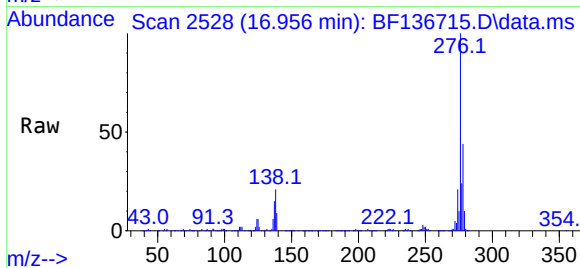
PB157895BS

Tgt Ion:276 Resp: 56103
Ion Ratio Lower Upper
276 100
138 22.8 18.7 28.1
277 25.4 20.2 30.2

Manual Integrations

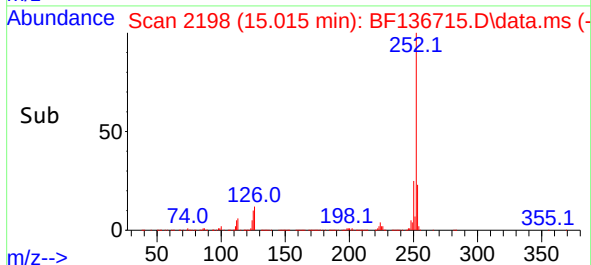
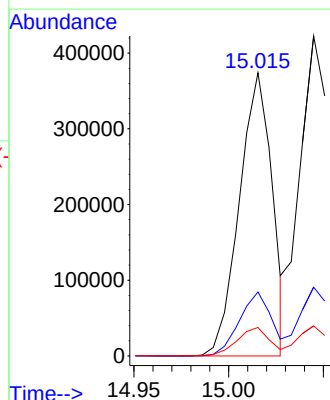
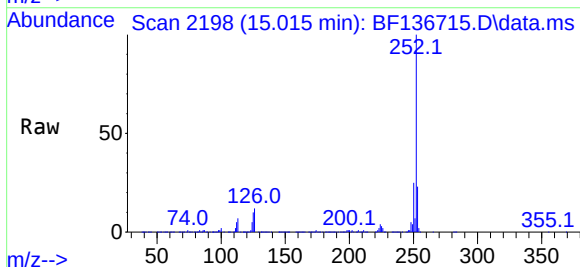
APPROVED

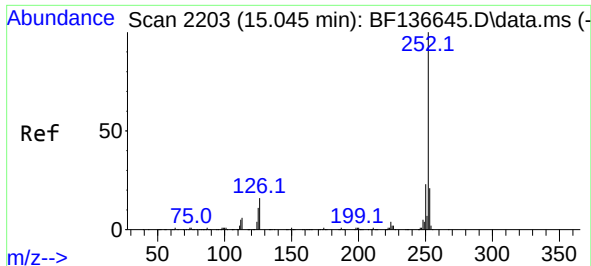
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#88
Benzo(b)fluoranthene
Concen: 44.151 ng
RT: 15.015 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

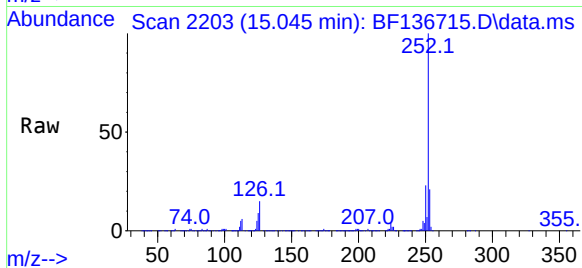
Tgt Ion:252 Resp: 451681
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.0
125 10.1 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 46.396 ng
RT: 15.045 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

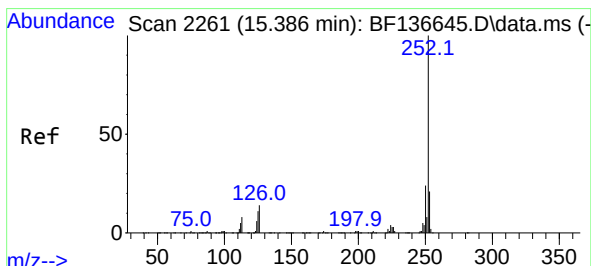
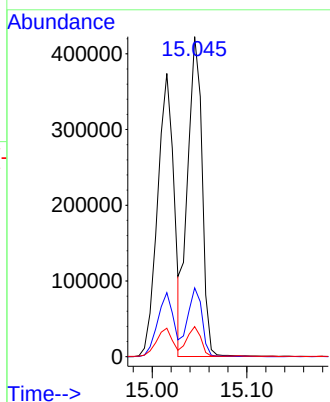
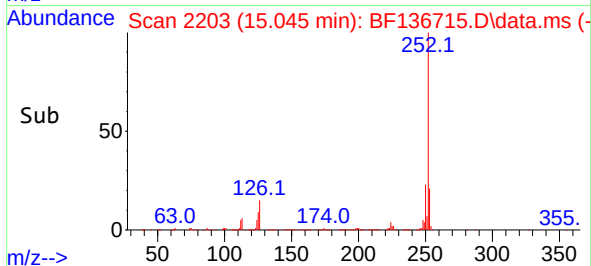
Instrument :
BNA_F
ClientSampleId :
PB157895BS



Tgt Ion:252 Resp: 448509
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 9.4 8.2 12.4

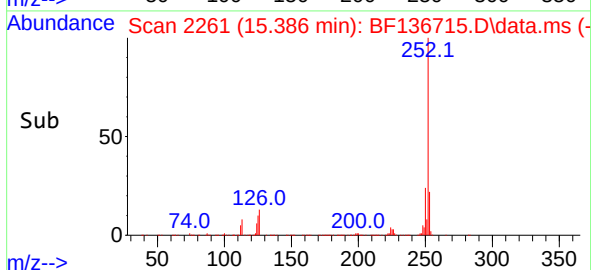
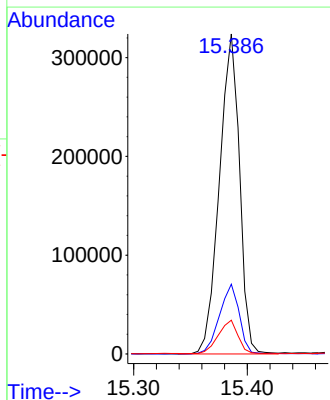
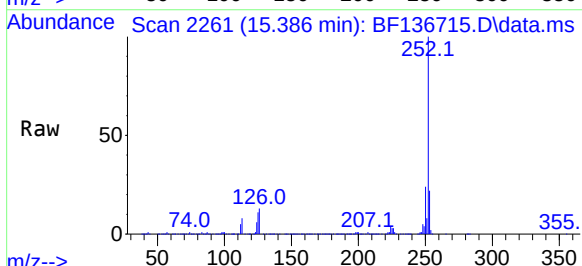
Manual Integrations
APPROVED

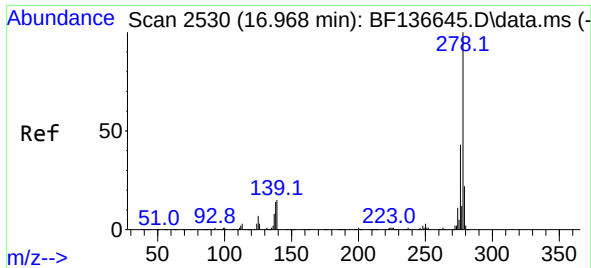
Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#90
Benzo(a)pyrene
Concen: 46.224 ng
RT: 15.386 min Scan# 2261
Delta R.T. 0.000 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Tgt Ion:252 Resp: 399167
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 10.5 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 51.721 ng
RT: 16.974 min Scan# 2531
Delta R.T. 0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

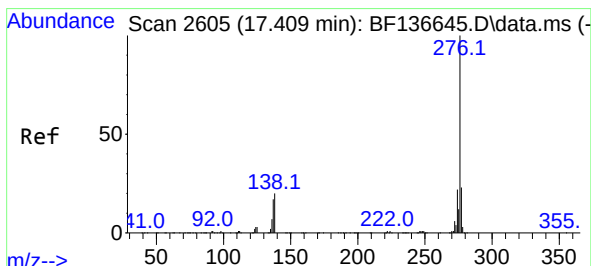
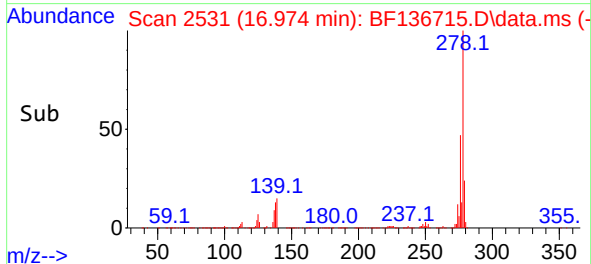
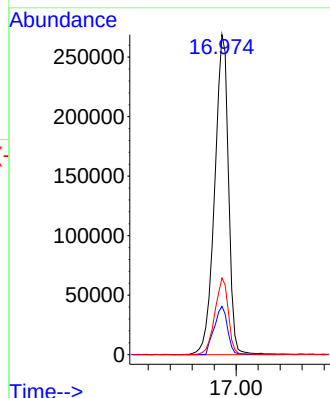
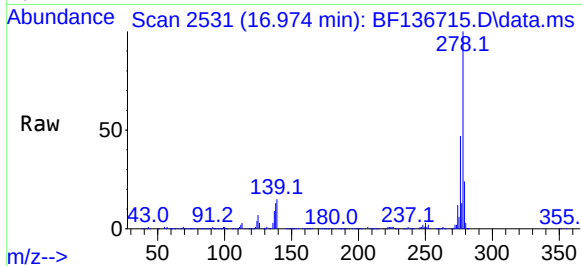
PB157895BS

Tgt Ion:278 Resp: 46926
Ion Ratio Lower Upper
278 100
139 15.1 12.2 18.4
279 24.0 17.8 26.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2023
Supervised By :mohammad ahmed 12/27/2023



#92
Benzo(g,h,i)perylene
Concen: 51.405 ng
RT: 17.415 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF136715.D
Acq: 26 Dec 2023 12:50

Tgt Ion:276 Resp: 477684
Ion Ratio Lower Upper
276 100
277 23.1 18.3 27.5
138 20.1 15.6 23.4

