

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
 Data File : BF136280.D
 Acq On : 29 Nov 2023 13:21
 Operator : CG\JU
 Sample : PB157160BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157160BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :mohammad ahmed 12/01/2023

Quant Time: Nov 29 13:48:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	151871	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	669391	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	343078	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	653493	20.000	ng	0.00
76) Chrysene-d12	13.986	240	298292	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	278549	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1408426	129.078	ng	0.02
7) Phenol-d6	6.451	99	1747137	128.058	ng	0.00
23) Nitrobenzene-d5	7.375	82	1068476	84.348	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	578867	138.009	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	2223953	82.799	ng	0.00
79) Terphenyl-d14	12.933	244	2395644	92.639	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	156429	37.889	ng	99
3) Pyridine	3.440	79	353670	34.702	ng	96
4) n-Nitrosodimethylamine	3.410	42	211251	41.006	ng	89
6) Aniline	6.475	93	521106	40.410	ng	96
8) 2-Chlorophenol	6.592	128	547291	46.065	ng	97
9) Benzaldehyde	6.357	77	87080	11.452	ng	96
10) Phenol	6.463	94	651696	44.524	ng	95
11) bis(2-Chloroethyl)ether	6.551	93	484709	45.141	ng	98
12) 1,3-Dichlorobenzene	6.751	146	574582	42.616	ng	99
13) 1,4-Dichlorobenzene	6.828	146	593464	43.298	ng	99
14) 1,2-Dichlorobenzene	6.975	146	554922	42.765	ng	98
15) Benzyl Alcohol	6.957	79	417840	43.681	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.086	45	661836	44.374	ng	98
17) 2-Methylphenol	7.063	107	430791	46.121	ng	99
18) Hexachloroethane	7.316	117	204787	42.595	ng	95
19) n-Nitroso-di-n-propyla...	7.228	70	362995	44.485	ng	97
20) 3+4-Methylphenols	7.216	107	538297	44.344	ng	92
22) Acetophenone	7.222	105	771626	43.891	ng	# 93
24) Nitrobenzene	7.392	77	535594	41.723	ng	97
25) Isophorone	7.628	82	1000145	43.787	ng	99
26) 2-Nitrophenol	7.704	139	268696	49.126	ng	97
27) 2,4-Dimethylphenol	7.745	122	453213	62.954	ng	98
28) bis(2-Chloroethoxy)met...	7.839	93	612204	44.311	ng	99
29) 2,4-Dichlorophenol	7.945	162	450465	46.391	ng	97
30) 1,2,4-Trichlorobenzene	8.028	180	500314	42.084	ng	99
31) Naphthalene	8.110	128	1644222	43.700	ng	99
32) Benzoic acid	7.886	122	327055	49.848	ng	98
33) 4-Chloroaniline	8.157	127	452599	35.389	ng	99
34) Hexachlorobutadiene	8.222	225	279587	40.198	ng	98
35) Caprolactam	8.539	113	134925m	49.705	ng	
36) 4-Chloro-3-methylphenol	8.645	107	474071	45.015	ng	98
37) 2-Methylnaphthalene	8.798	142	1032489	43.746	ng	98
38) 1-Methylnaphthalene	8.898	142	944684	41.030	ng	100
40) 1,2,4,5-Tetrachloroben...	8.969	216	486787	44.584	ng	99
41) Hexachlorocyclopentadiene	8.951	237	554094	131.888	ng	95
43) 2,4,6-Trichlorophenol	9.080	196	325713	45.960	ng	96

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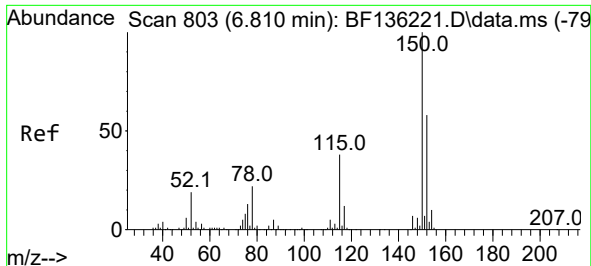
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	345579	44.684	ng	99
46) 1,1'-Biphenyl	9.269	154	1336842	44.187	ng	100
47) 2-Chloronaphthalene	9.292	162	1012250	43.084	ng	100
48) 2-Nitroaniline	9.392	65	284690	46.410	ng	87
49) Acenaphthylene	9.710	152	1525429	45.496	ng	100
50) Dimethylphthalate	9.575	163	1179006	45.468	ng	100
51) 2,6-Dinitrotoluene	9.633	165	242450	45.768	ng	99
52) Acenaphthene	9.880	154	929190m	43.853	ng	
53) 3-Nitroaniline	9.804	138	207138	39.408	ng	97
54) 2,4-Dinitrophenol	9.916	184	268120	108.826	ng	# 88
55) Dibenzofuran	10.051	168	1407935	44.655	ng	99
56) 4-Nitrophenol	9.975	139	361974	90.672	ng	86
57) 2,4-Dinitrotoluene	10.039	165	331000	46.777	ng	92
58) Fluorene	10.398	166	1067012	43.144	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.169	232	292514	47.537	ng	99
60) Diethylphthalate	10.275	149	1168563	45.051	ng	100
61) 4-Chlorophenyl-phenyle...	10.392	204	517256	43.067	ng	98
62) 4-Nitroaniline	10.427	138	233260	45.337	ng	98
63) Azobenzene	10.551	77	1065506	44.309	ng	98
65) 4,6-Dinitro-2-methylph...	10.451	198	180938	50.632	ng	88
66) n-Nitrosodiphenylamine	10.510	169	967045	46.177	ng	98
67) 4-Bromophenyl-phenylether	10.880	248	334049	43.815	ng	99
68) Hexachlorobenzene	10.945	284	384632	43.590	ng	98
69) Atrazine	11.039	200	194566	31.319	ng	99
70) Pentachlorophenol	11.139	266	405032	81.206	ng	95
71) Phenanthrene	11.363	178	1675939	45.630	ng	99
72) Anthracene	11.416	178	1684894	45.744	ng	99
73) Carbazole	11.569	167	1400763	44.715	ng	99
74) Di-n-butylphthalate	11.904	149	1809688	46.170	ng	99
75) Fluoranthene	12.557	202	1584726	42.501	ng	99
77) Benzidine	12.680	184	208619	42.546	ng	99
78) Pyrene	12.786	202	1560510	47.769	ng	99
80) Butylbenzylphthalate	13.410	149	503982	49.570	ng	99
81) Benzo(a)anthracene	13.980	228	1006750	45.439	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	310244	58.171	ng	97
83) Chrysene	14.015	228	962590	44.996	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	571624	46.847	ng	99
85) Di-n-octyl phthalate	14.592	149	955467	48.191	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	991184	47.627	ng	100
88) Benzo(b)fluoranthene	15.039	252	923779	47.270	ng	98
89) Benzo(k)fluoranthene	15.068	252	888639	47.877	ng	100
90) Benzo(a)pyrene	15.409	252	774284	48.467	ng	98
91) Dibenzo(a,h)anthracene	17.003	278	807744	48.317	ng	99
92) Benzo(g,h,i)perylene	17.445	276	784260	46.818	ng	98

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



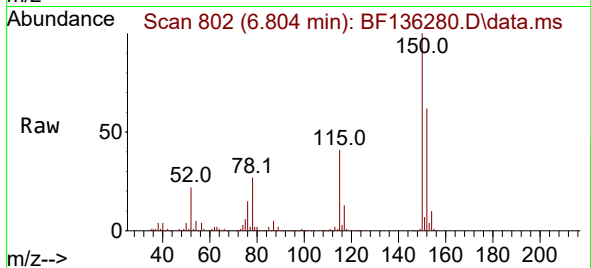
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

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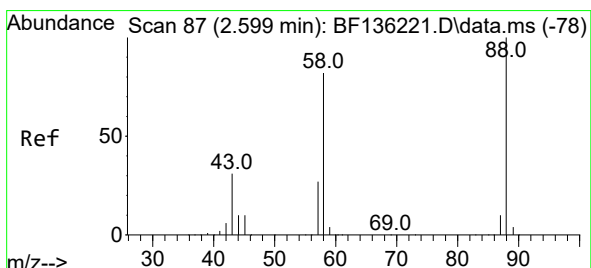
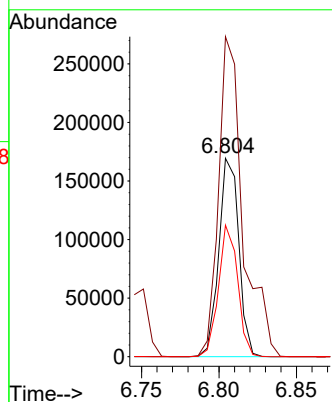
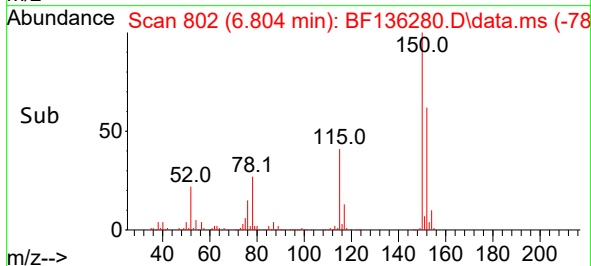


Tgt Ion:152 Resp: 15187
Ion Ratio Lower Upper
152 100
150 161.3 137.8 206.8
115 66.3 52.7 79.1

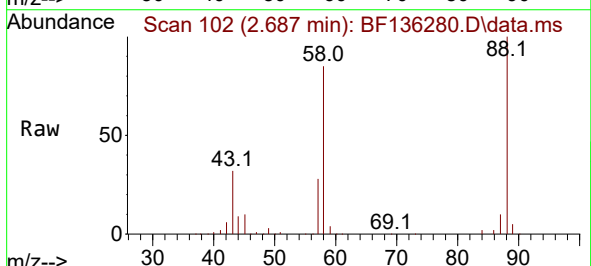
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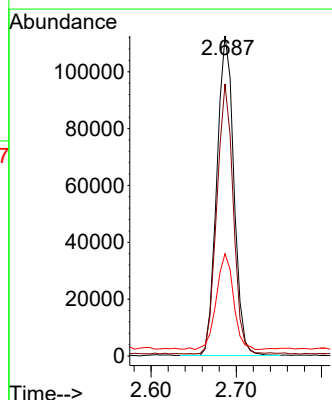
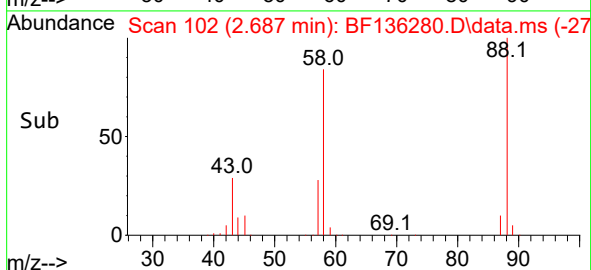
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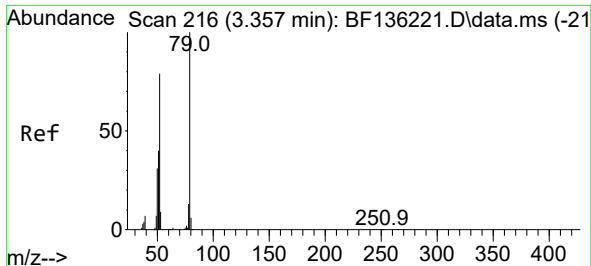


#2
1,4-Dioxane
Concen: 37.889 ng
RT: 2.687 min Scan# 102
Delta R.T. 0.088 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21



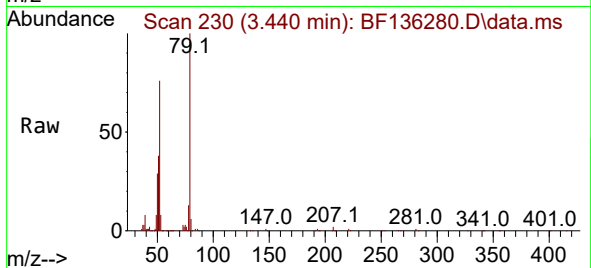
Tgt Ion: 88 Resp: 156429
Ion Ratio Lower Upper
88 100
58 81.3 65.9 98.9
43 30.0 24.8 37.2





#3
Pyridine
Concen: 34.702 ng
RT: 3.440 min Scan# 216
Delta R.T. 0.082 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

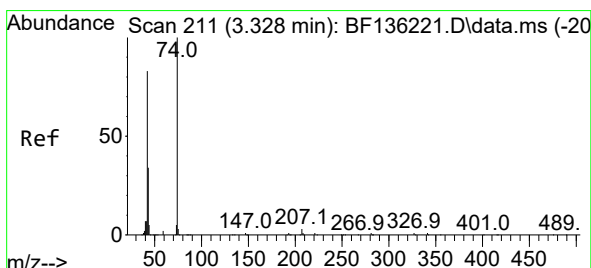
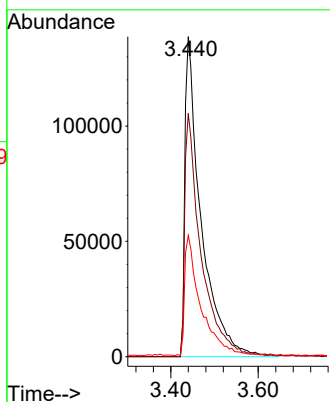
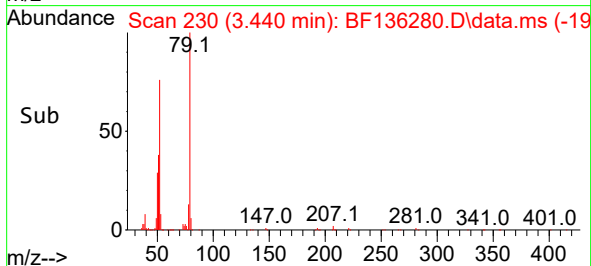
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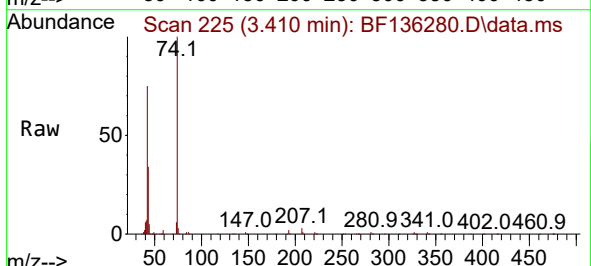
Tgt Ion: 79 Resp: 353670
Ion Ratio Lower Upper
79 100
52 76.0 63.2 94.8
51 37.9 32.6 49.0

Manual Integrations
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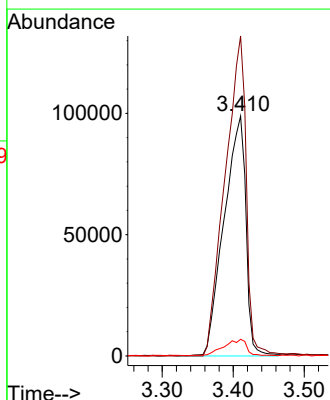
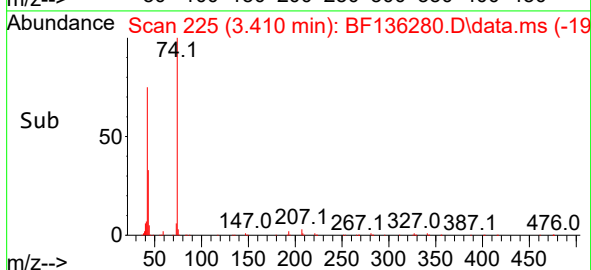
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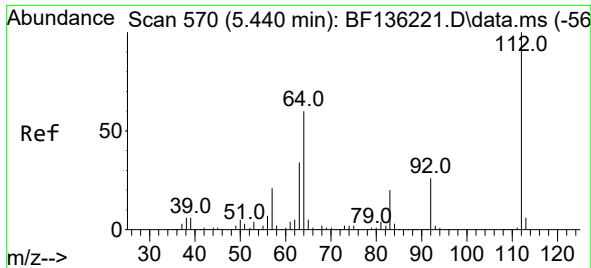


#4
n-Nitrosodimethylamine
Concen: 41.006 ng
RT: 3.410 min Scan# 225
Delta R.T. 0.082 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21



Tgt Ion: 42 Resp: 211251
Ion Ratio Lower Upper
42 100
74 133.4 96.6 144.8
44 7.0 5.4 8.2





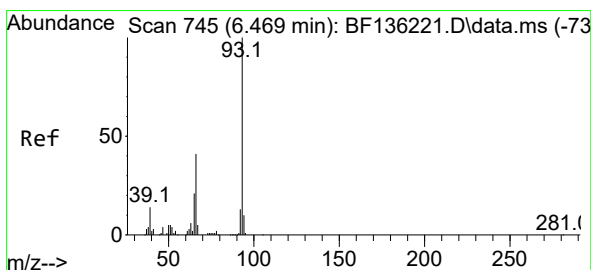
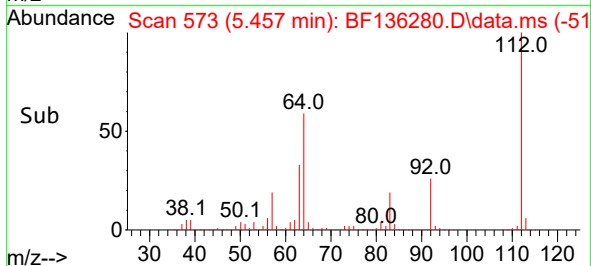
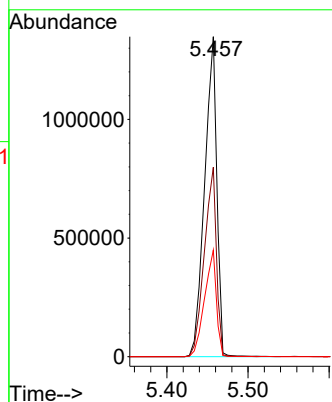
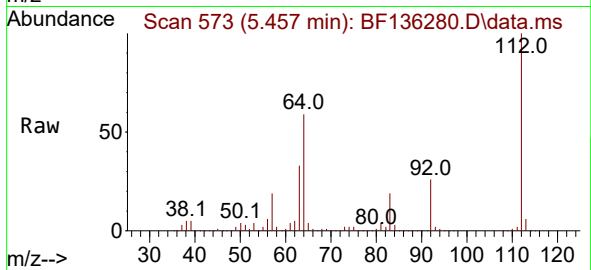
#5
2-Fluorophenol
Concen: 129.078 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

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ClientSampleId :
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Tgt Ion:112 Resp: 1408420
Ion Ratio Lower Upper
112 100
64 59.2 48.2 72.4
63 33.3 27.0 40.6

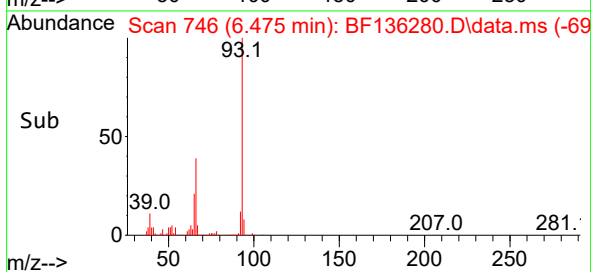
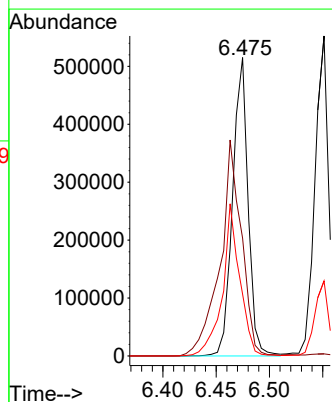
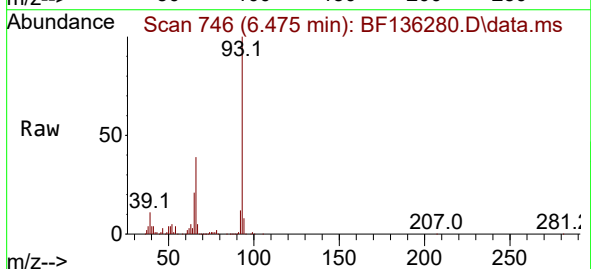
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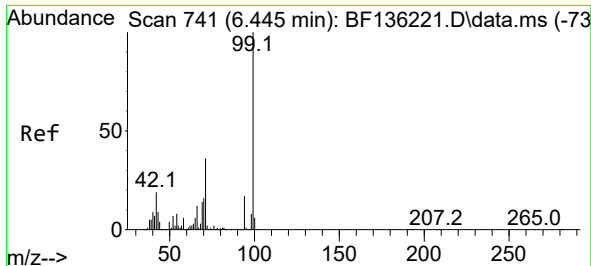
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#6
Aniline
Concen: 40.410 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

Tgt Ion: 93 Resp: 521106
Ion Ratio Lower Upper
93 100
66 39.5 34.1 51.1
65 20.7 17.3 25.9





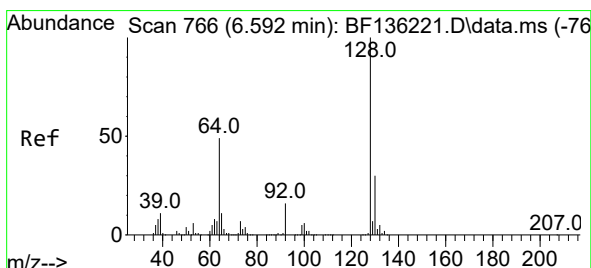
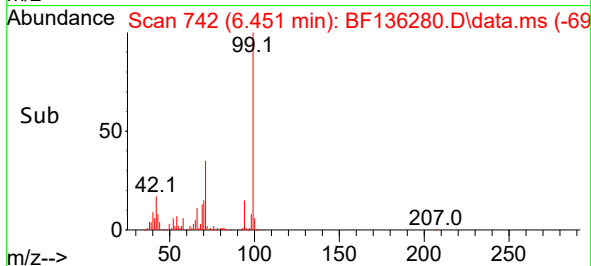
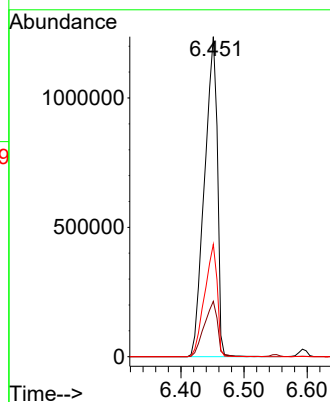
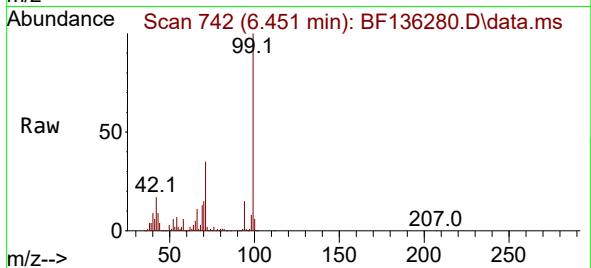
#7
Phenol-d6
Concen: 128.058 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

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Tgt Ion: 99 Resp: 174713
Ion Ratio Lower Upper
99 100
42 17.3 15.0 22.6
71 35.1 28.9 43.3

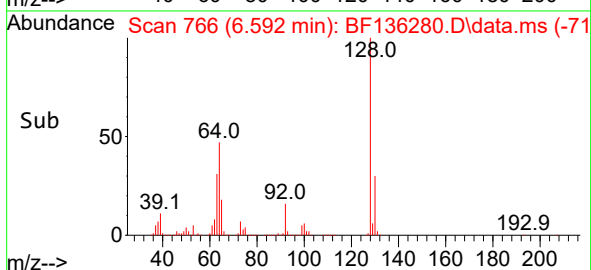
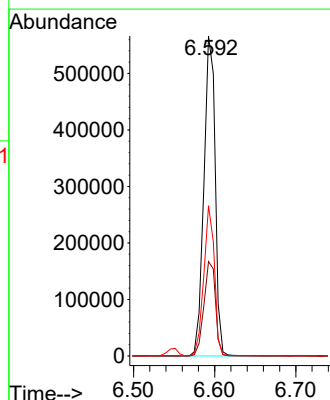
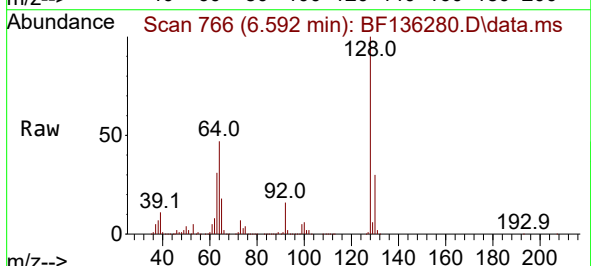
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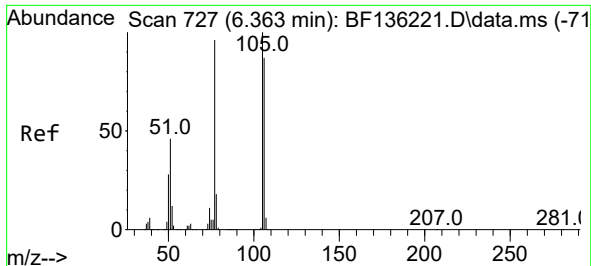
Reviewed By :Yogesh Patel 11/30/2023
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#8
2-Chlorophenol
Concen: 46.065 ng
RT: 6.592 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

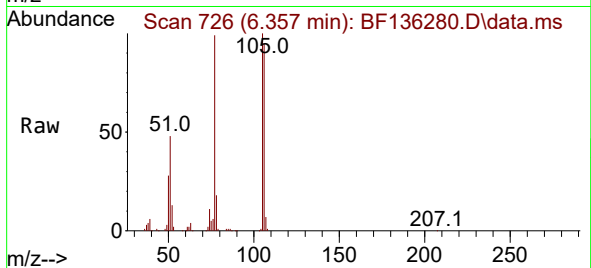
Tgt Ion:128 Resp: 547291
Ion Ratio Lower Upper
128 100
130 29.5 10.3 50.3
64 46.9 30.0 70.0





#9
Benzaldehyde
Concen: 11.452 ng
RT: 6.357 min Scan# 726
Delta R.T. -0.006 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

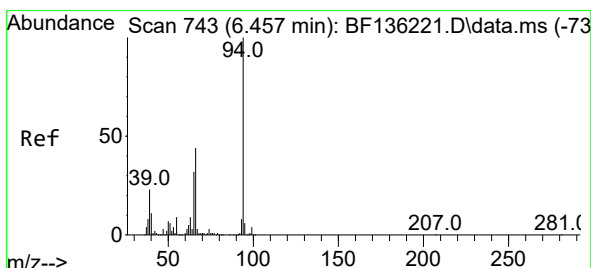
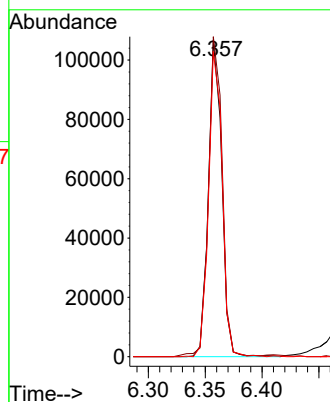
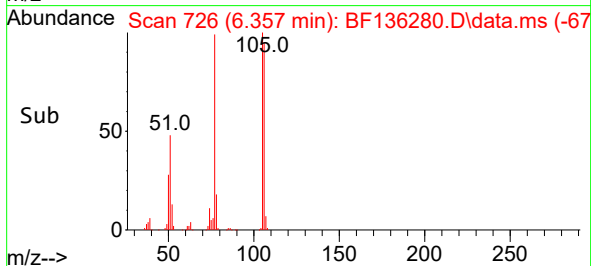
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ClientSampleId :
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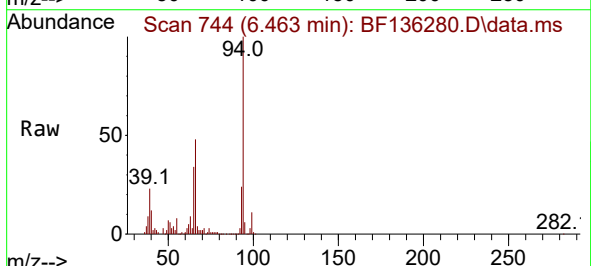
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Ion Ratio Lower Upper
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105 101.1 84.3 124.3
106 96.4 71.0 111.0

Manual Integrations
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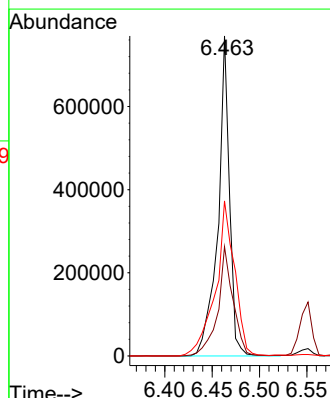
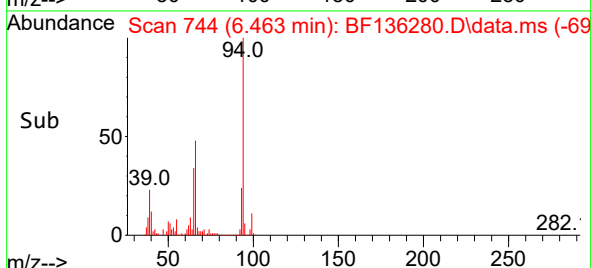
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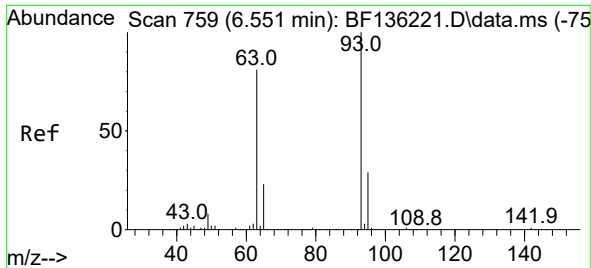


#10
Phenol
Concen: 44.524 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21



Tgt Ion: 94 Resp: 651696
Ion Ratio Lower Upper
94 100
65 34.2 12.5 52.5
66 48.5 24.1 64.1





#11
bis(2-Chloroethyl)ether
Concen: 45.141 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

Instrument :

BNA_F

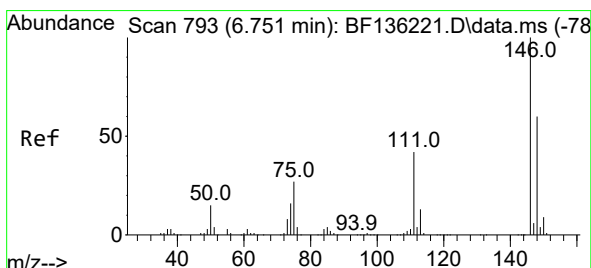
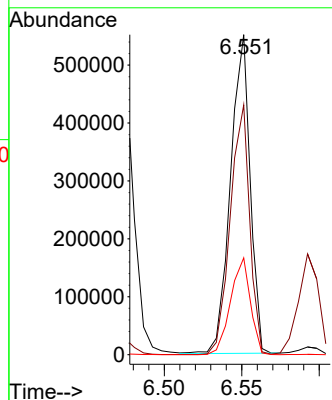
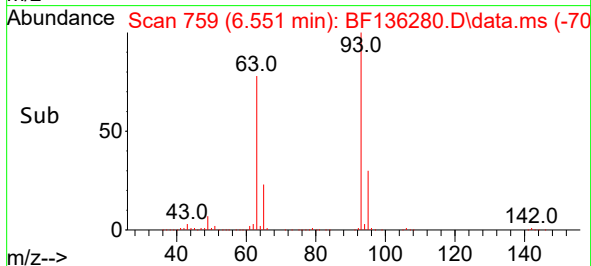
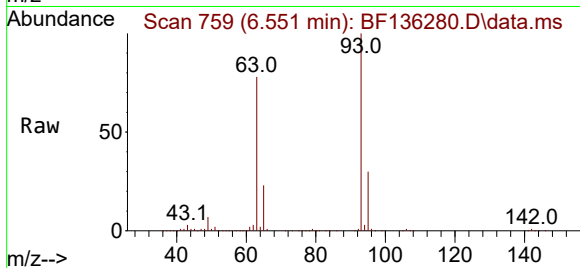
ClientSampleId :

PB157160BS

Tgt Ion: 93 Resp: 484709
Ion Ratio Lower Upper
93 100
63 78.1 60.2 100.2
95 30.3 9.1 49.1

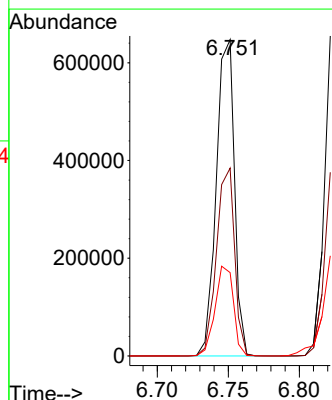
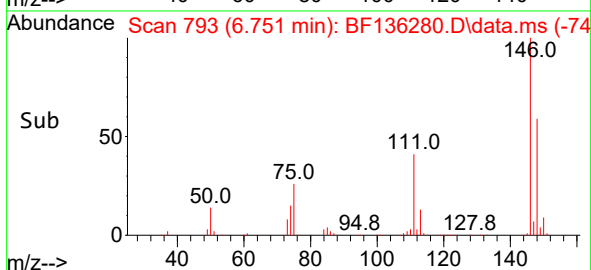
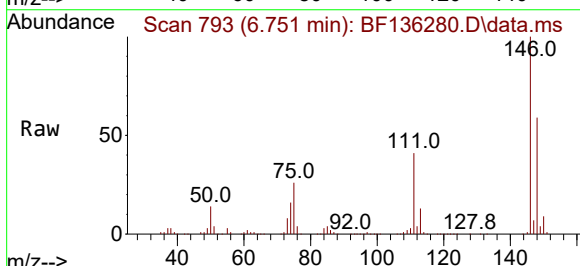
Manual Integrations
APPROVED

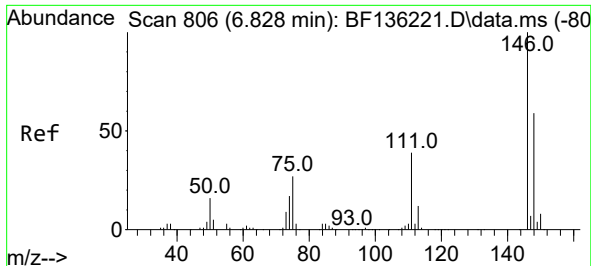
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#12
1,3-Dichlorobenzene
Concen: 42.616 ng
RT: 6.751 min Scan# 793
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

Tgt Ion:146 Resp: 574582
Ion Ratio Lower Upper
146 100
148 59.4 47.8 71.6
75 26.3 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 43.298 ng

RT: 6.828 min Scan# 806

Delta R.T. 0.000 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

Instrument :

BNA_F

ClientSampleId :

PB157160BS

Tgt Ion:146 Resp: 593464

Ion Ratio Lower Upper

146 100

148 57.5 47.0 70.6

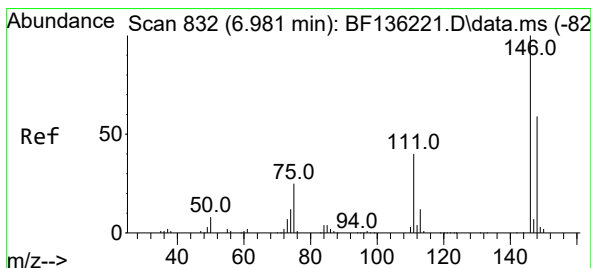
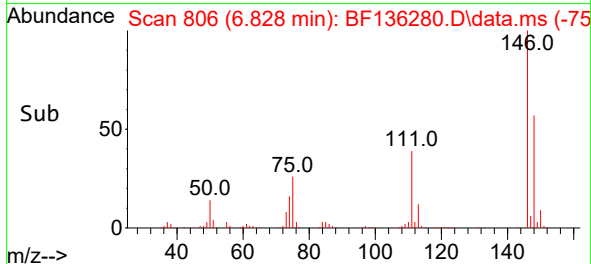
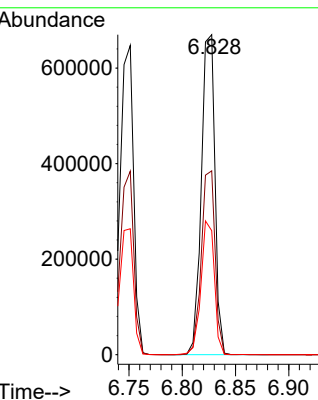
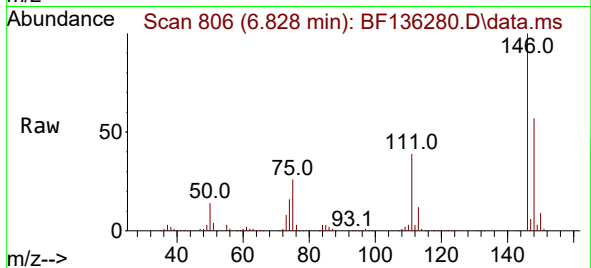
111 38.7 31.5 47.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#14

1,2-Dichlorobenzene

Concen: 42.765 ng

RT: 6.975 min Scan# 831

Delta R.T. -0.006 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

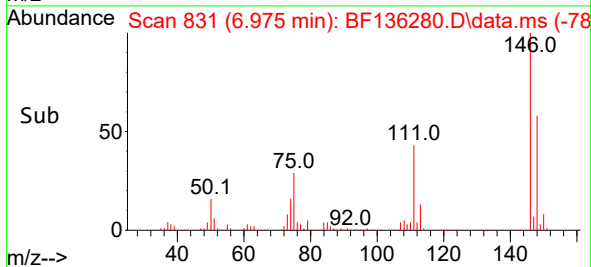
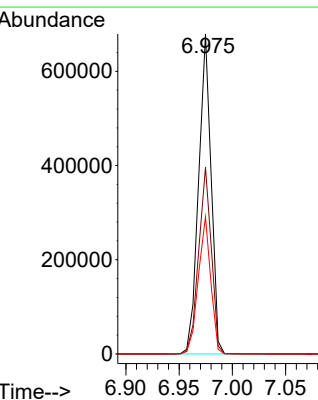
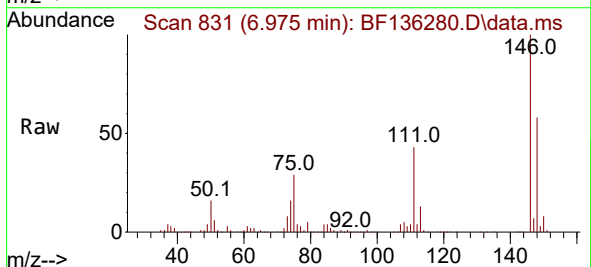
Tgt Ion:146 Resp: 554922

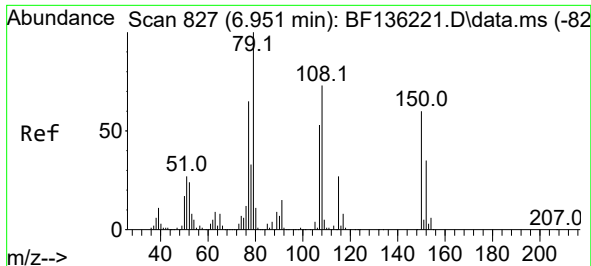
Ion Ratio Lower Upper

146 100

148 58.4 47.3 70.9

111 42.9 32.4 48.6





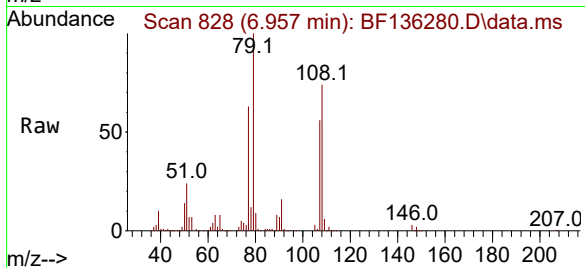
#15
Benzyl Alcohol
Concen: 43.681 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

Instrument :

BNA_F

ClientSampleId :

PB157160BS

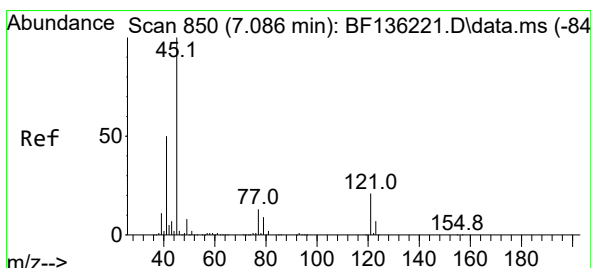
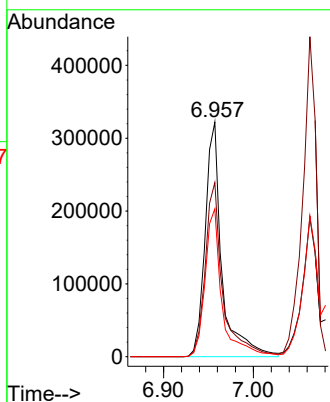
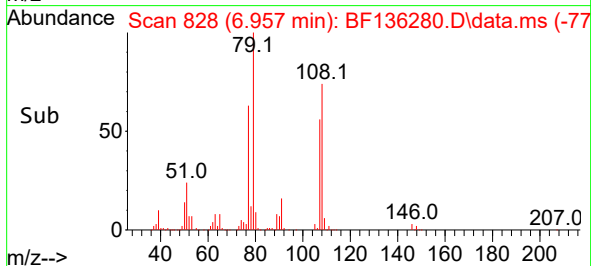


Tgt Ion: 79 Resp: 417840
Ion Ratio Lower Upper
79 100
108 74.2 58.1 87.1
77 63.0 51.8 77.8

Manual Integrations

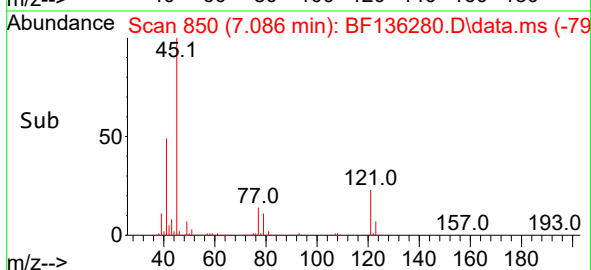
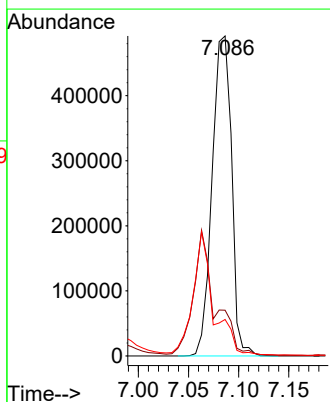
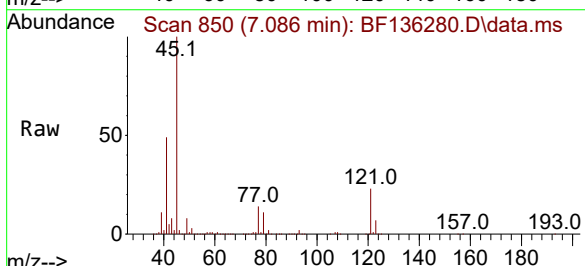
APPROVED

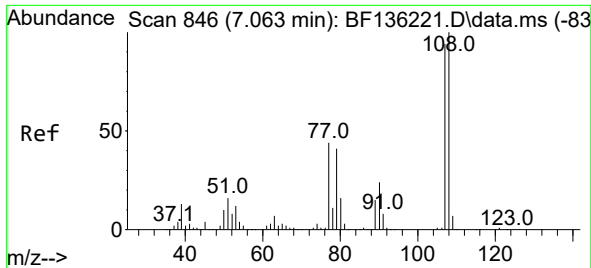
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.374 ng
RT: 7.086 min Scan# 850
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

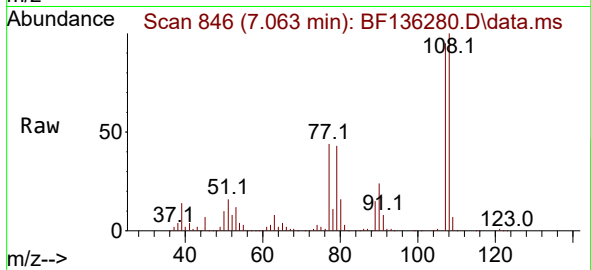
Tgt Ion: 45 Resp: 661836
Ion Ratio Lower Upper
45 100
77 14.3 0.0 34.0
79 11.4 0.0 30.1





#17
2-Methylphenol
Concen: 46.121 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

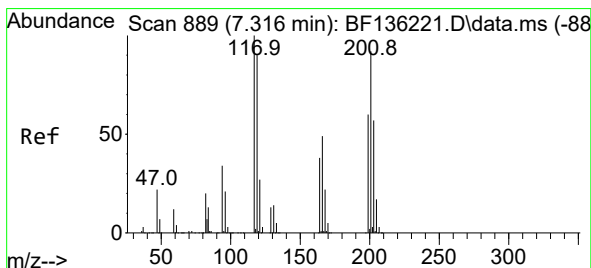
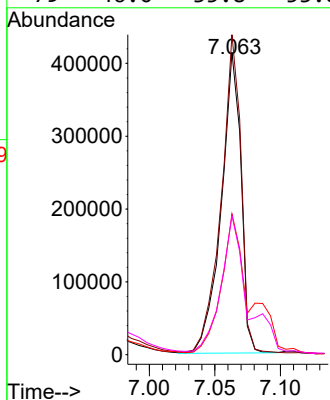
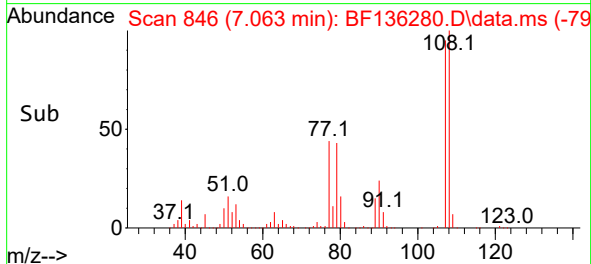
Instrument :
BNA_F
ClientSampleId :
PB157160BS



Tgt Ion:107 Resp: 43079
Ion Ratio Lower Upper
107 100
108 105.8 85.4 128.0
77 46.5 37.4 56.2
79 46.0 35.8 53.8

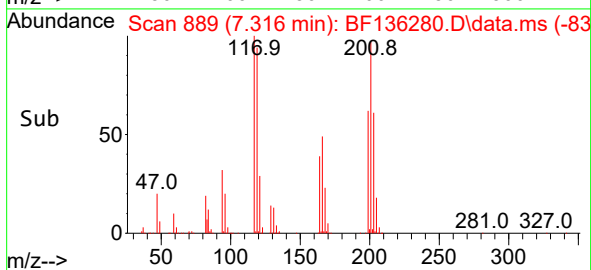
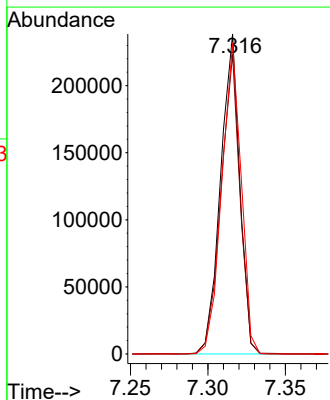
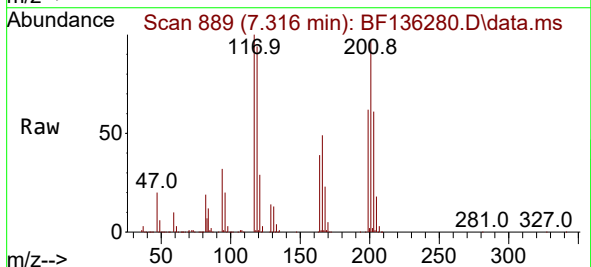
Manual Integrations
APPROVED

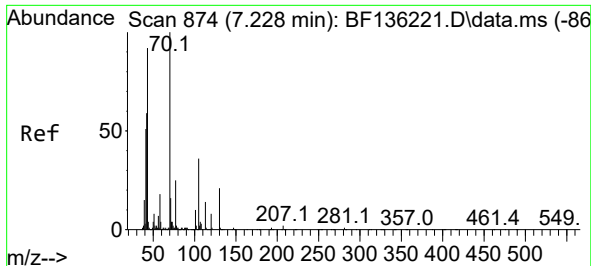
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#18
Hexachloroethane
Concen: 42.595 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

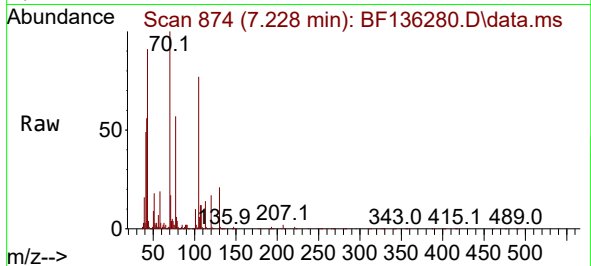
Tgt Ion:117 Resp: 204787
Ion Ratio Lower Upper
117 100
119 93.7 71.6 107.4
201 97.3 73.4 110.2





#19
n-Nitroso-di-n-propylamine
Concen: 44.485 ng
RT: 7.228 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

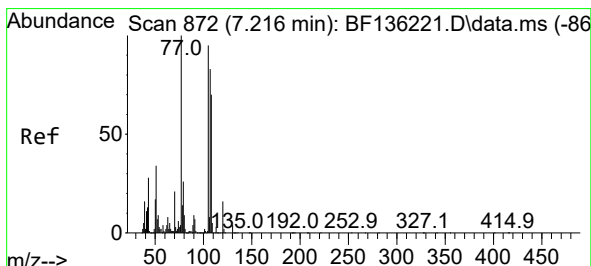
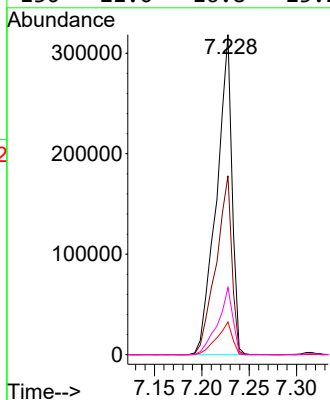
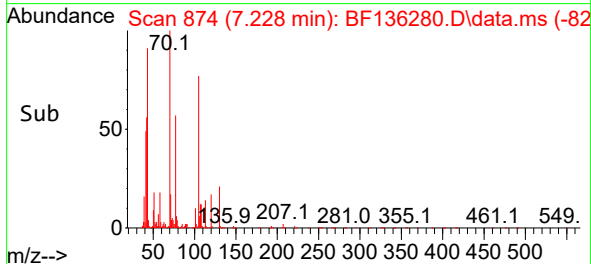
Instrument :
BNA_F
ClientSampleId :
PB157160BS



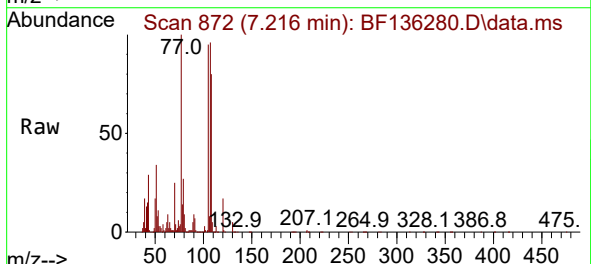
Tgt Ion: 70 Resp: 362995
Ion Ratio Lower Upper
70 100
42 55.9 47.0 70.4
101 10.2 7.8 11.8
130 21.0 16.8 25.2

Manual Integrations
APPROVED

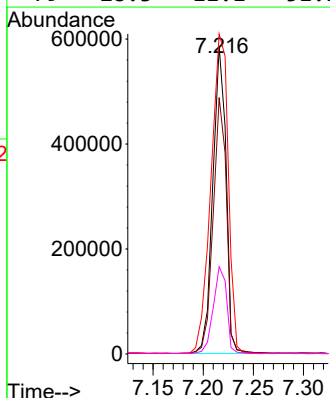
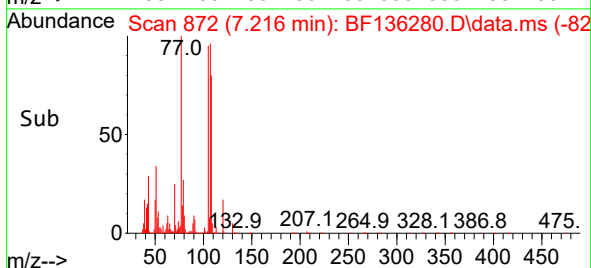
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

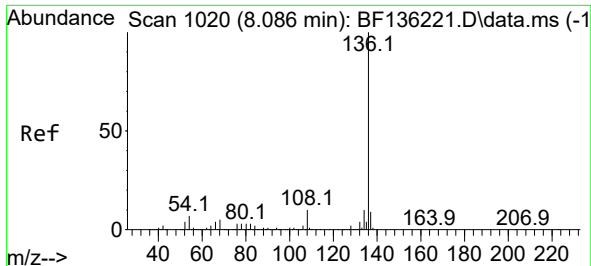


#20
3+4-Methylphenols
Concen: 44.344 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21



Tgt Ion:107 Resp: 538297
Ion Ratio Lower Upper
107 100
108 83.3 63.9 103.9
77 104.0 100.2 140.2
79 28.3 11.1 51.1





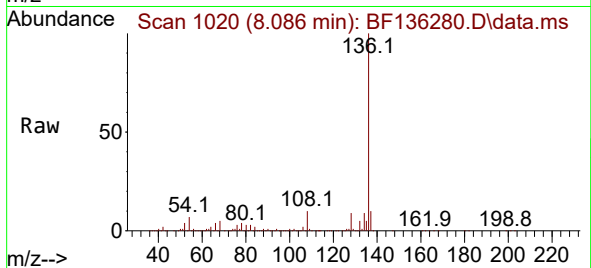
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

Instrument :

BNA_F

ClientSampleId :

PB157160BS

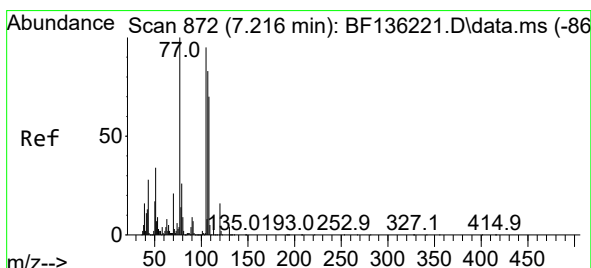
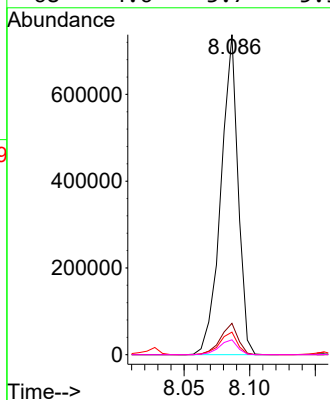
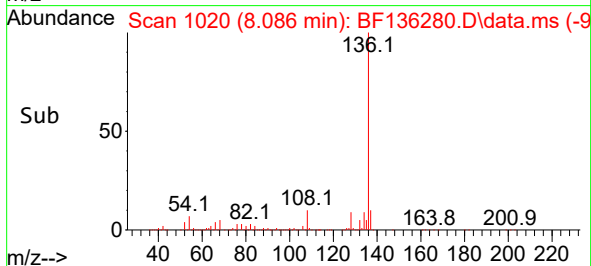


Tgt Ion:136 Resp: 66939
Ion Ratio Lower Upper
136 100
137 9.8 7.4 11.2
54 7.1 5.5 8.3
68 4.6 3.7 5.5

Manual Integrations

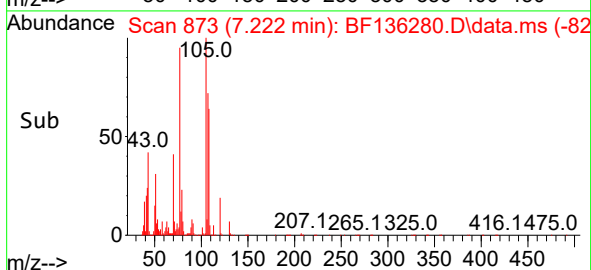
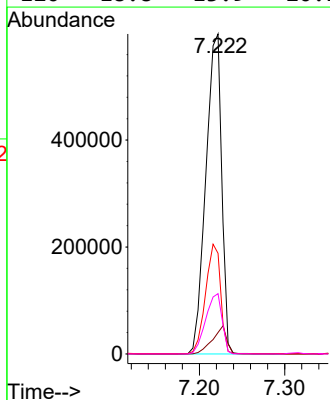
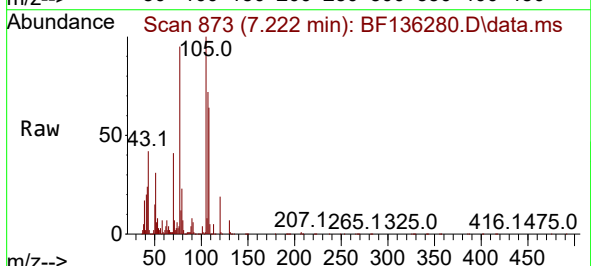
APPROVED

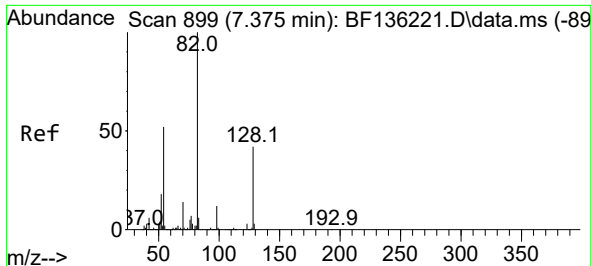
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#22
Acetophenone
Concen: 43.891 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.006 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

Tgt Ion:105 Resp: 771626
Ion Ratio Lower Upper
105 100
71 6.7 2.8 4.2#
51 31.5 29.0 43.6
120 18.8 13.9 20.9





#23

Nitrobenzene-d5

Concen: 84.348 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

Instrument :

BNA_F

ClientSampleId :

PB157160BS

Tgt Ion: 82 Resp: 1068470

Ion Ratio Lower Upper

82 100

128 42.2 33.4 50.2

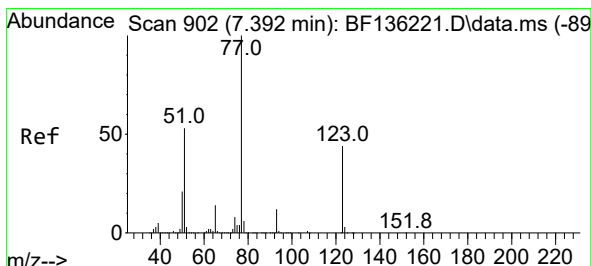
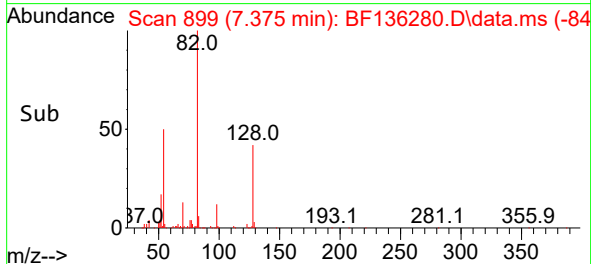
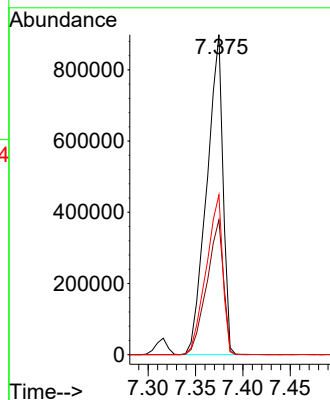
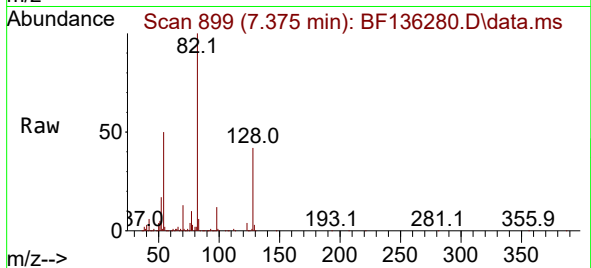
54 50.0 41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#24

Nitrobenzene

Concen: 41.723 ng

RT: 7.392 min Scan# 902

Delta R.T. 0.000 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

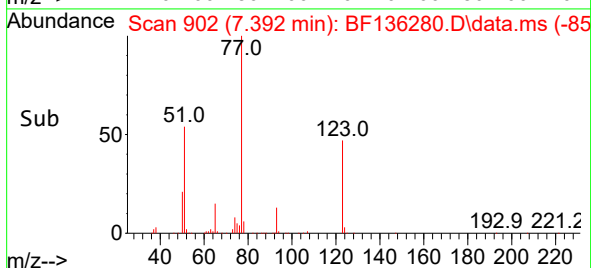
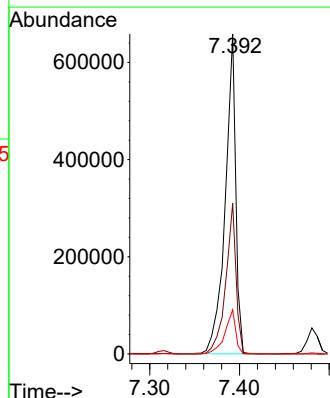
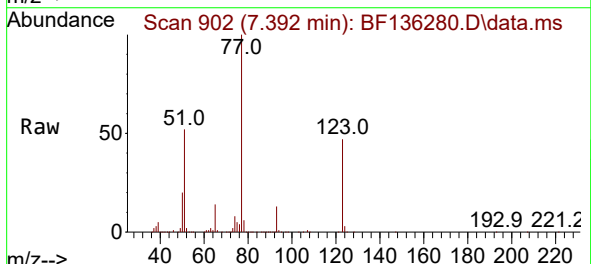
Tgt Ion: 77 Resp: 535594

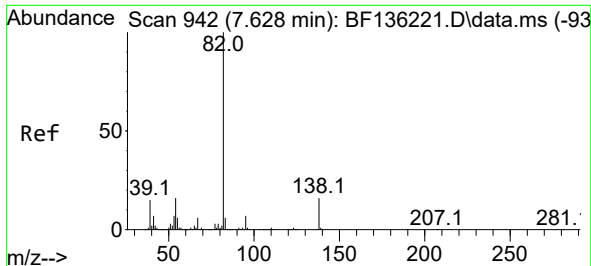
Ion Ratio Lower Upper

77 100

123 47.1 35.4 53.2

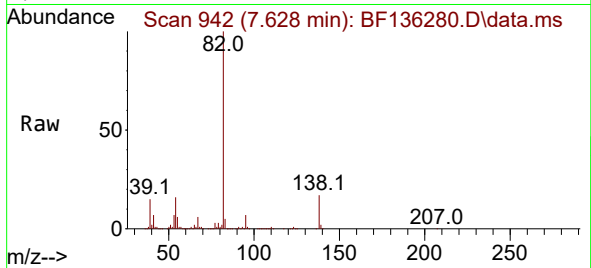
65 13.8 11.0 16.6





#25
Isophorone
Concen: 43.787 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

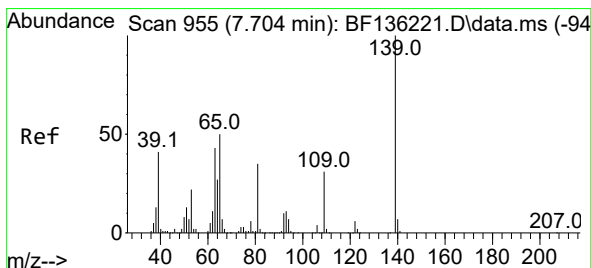
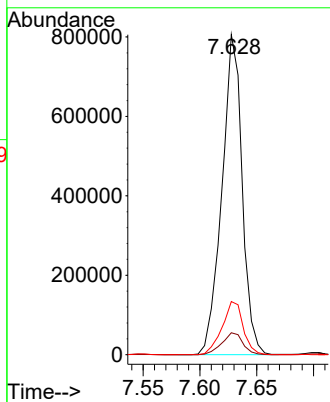
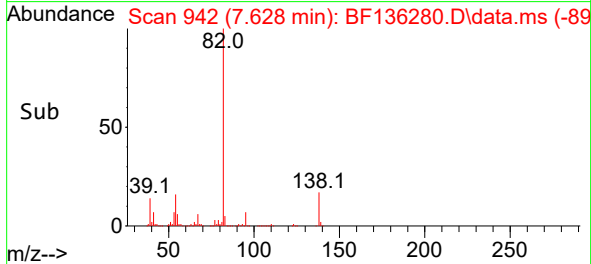
Instrument :
BNA_F
ClientSampleId :
PB157160BS



Tgt Ion: 82 Resp: 100014
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 16.6 12.8 19.2

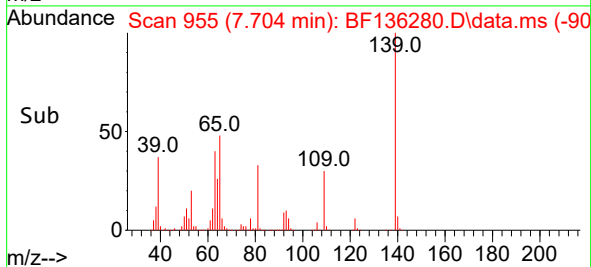
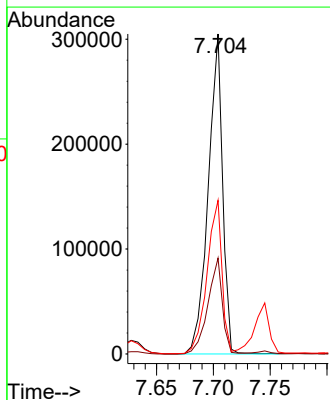
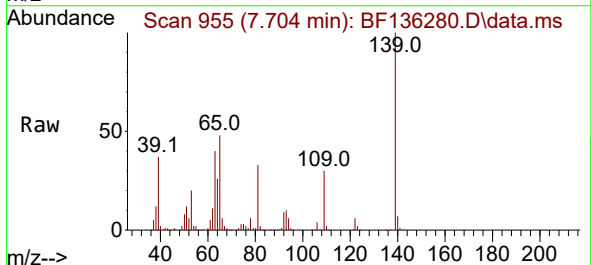
Manual Integrations
APPROVED

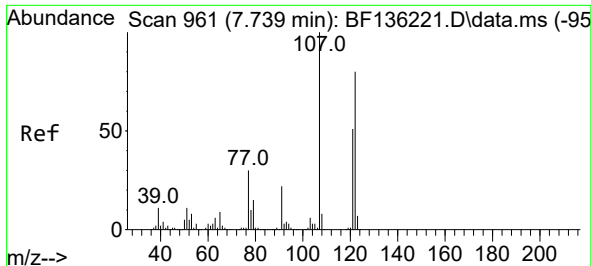
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#26
2-Nitrophenol
Concen: 49.126 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

Tgt Ion:139 Resp: 268696
Ion Ratio Lower Upper
139 100
109 29.9 25.0 37.6
65 48.0 40.4 60.6





#27

2,4-Dimethylphenol

Concen: 62.954 ng

RT: 7.745 min Scan# 961

Delta R.T. 0.006 min

Lab File: BF136280.D

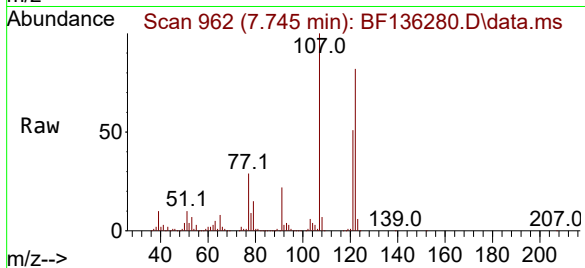
Acq: 29 Nov 2023 13:21

Instrument :

BNA_F

ClientSampleId :

PB157160BS



Tgt Ion:122 Resp: 45321

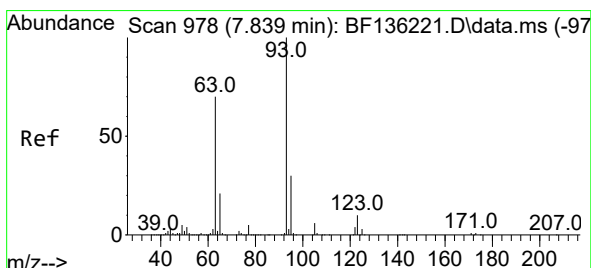
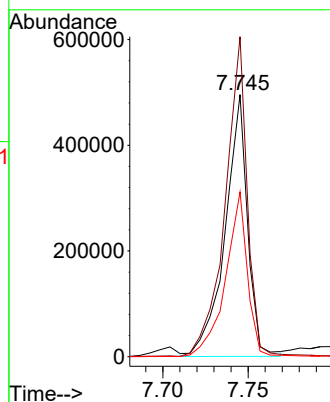
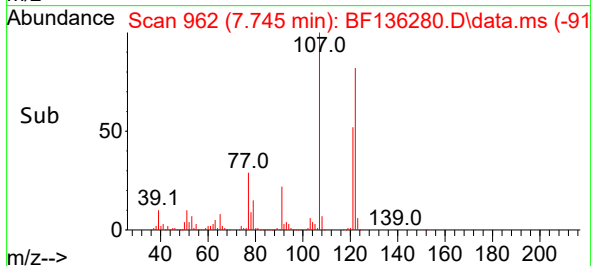
Ion	Ratio	Lower	Upper
122	100		
107	122.1	100.0	150.0
121	62.9	50.7	76.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#28

bis(2-Chloroethoxy)methane

Concen: 44.311 ng

RT: 7.839 min Scan# 978

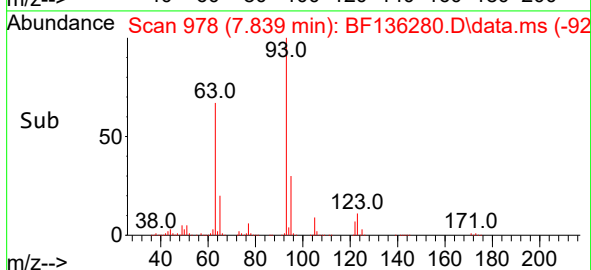
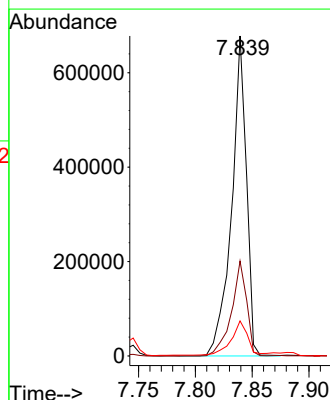
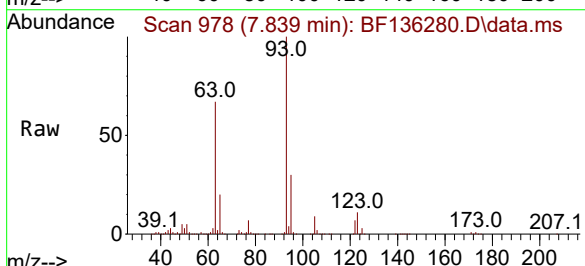
Delta R.T. 0.000 min

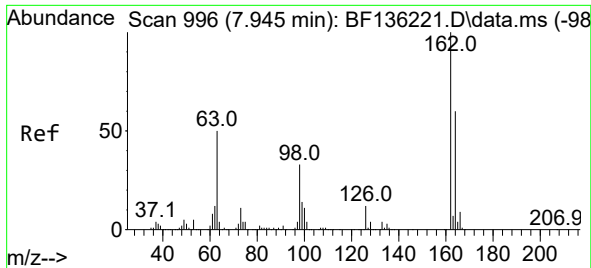
Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

Tgt Ion: 93 Resp: 612204

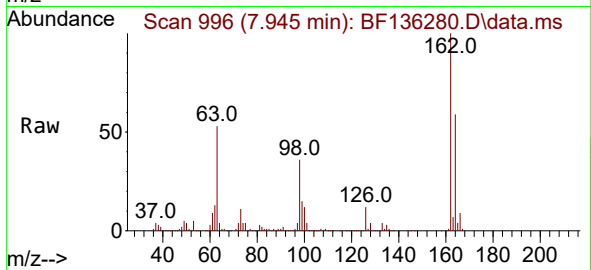
Ion	Ratio	Lower	Upper
93	100		
95	29.6	23.8	35.6
123	11.0	8.2	12.4





#29
2,4-Dichlorophenol
Concen: 46.391 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

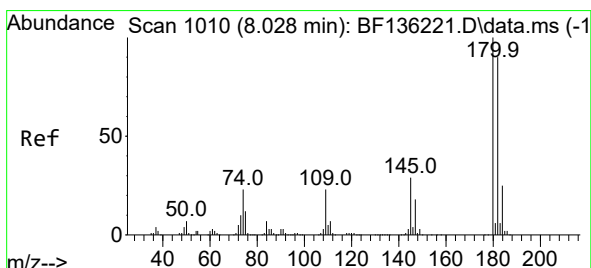
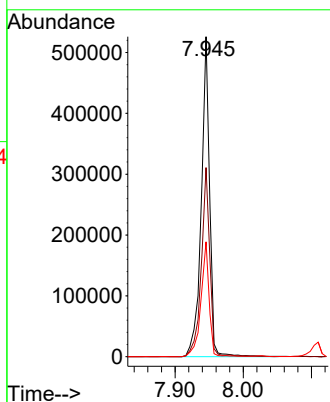
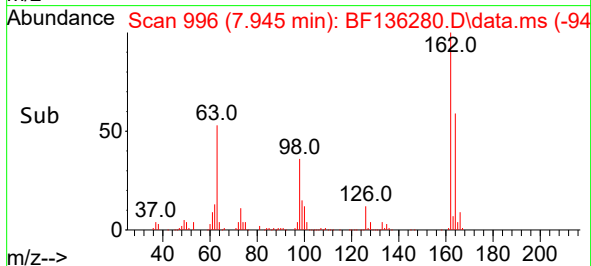
Instrument :
BNA_F
Client Sample Id :
PB157160BS



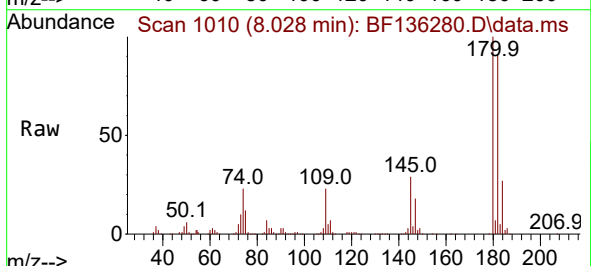
Tgt Ion:162 Resp: 450461
Ion Ratio Lower Upper
162 100
164 59.1 40.3 80.3
98 35.9 13.0 53.0

Manual Integrations
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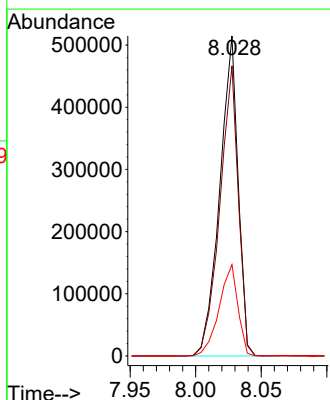
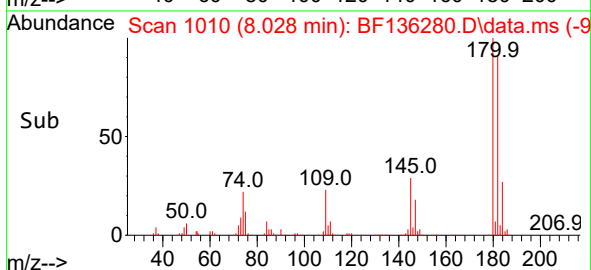
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

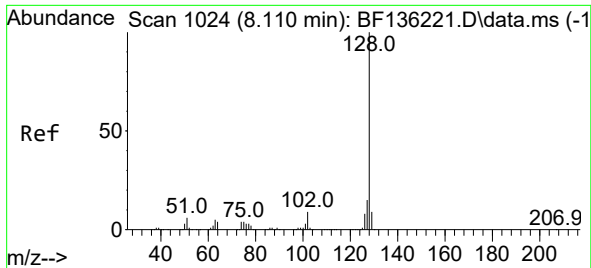


#30
1,2,4-Trichlorobenzene
Concen: 42.084 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21



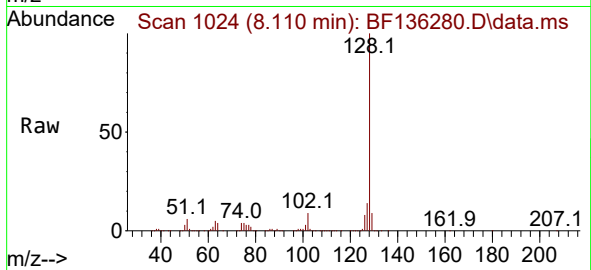
Tgt Ion:180 Resp: 500314
Ion Ratio Lower Upper
180 100
182 90.6 71.6 107.4
145 28.5 23.0 34.4





#31
Naphthalene
Concen: 43.700 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

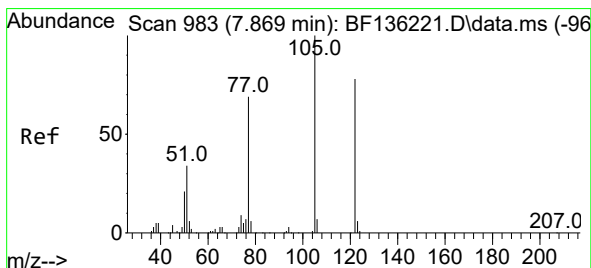
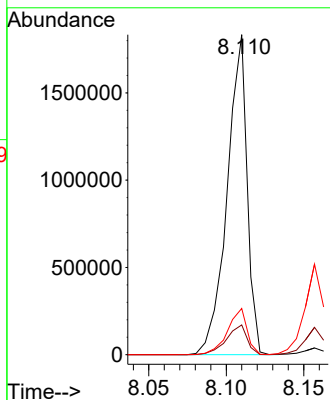
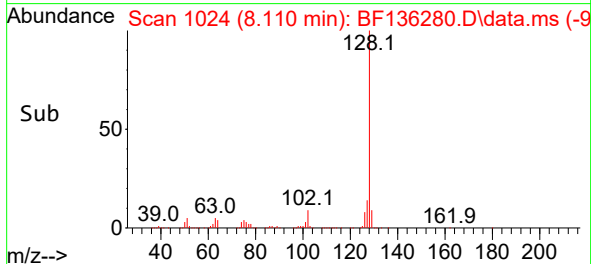
Instrument :
BNA_F
ClientSampleId :
PB157160BS



Tgt Ion:128 Resp: 164422
Ion Ratio Lower Upper
128 100
129 9.3 7.3 10.9
127 14.4 11.8 17.6

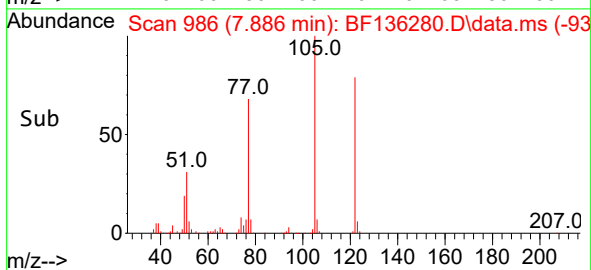
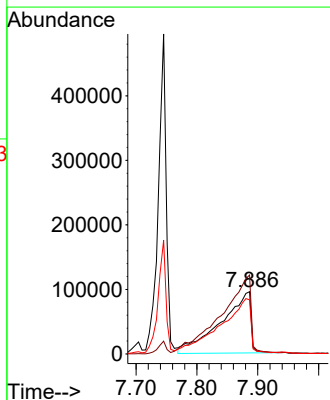
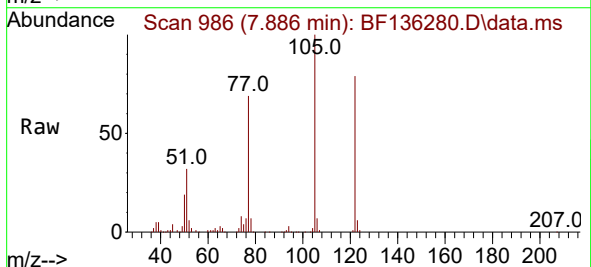
Manual Integrations
APPROVED

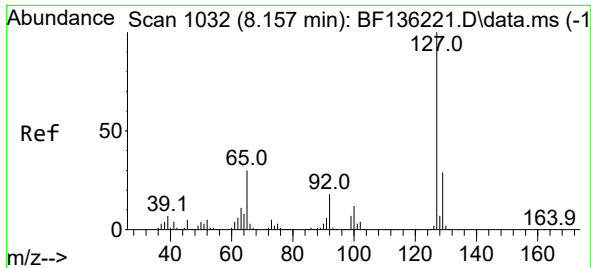
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#32
Benzoic acid
Concen: 49.848 ng
RT: 7.886 min Scan# 986
Delta R.T. 0.018 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

Tgt Ion:122 Resp: 327055
Ion Ratio Lower Upper
122 100
105 126.7 103.7 143.7
77 86.9 66.8 106.8





#33
4-Chloroaniline
Concen: 35.389 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

Instrument :

BNA_F

ClientSampleId :

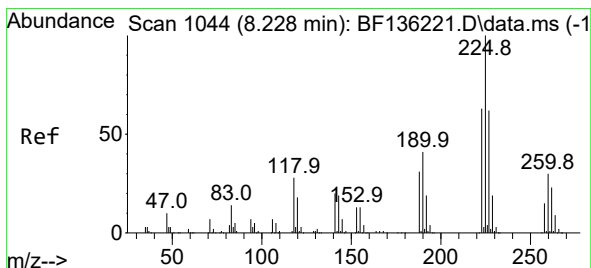
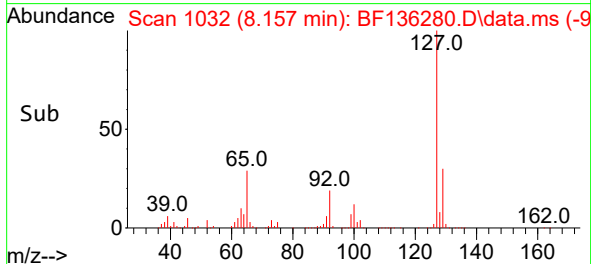
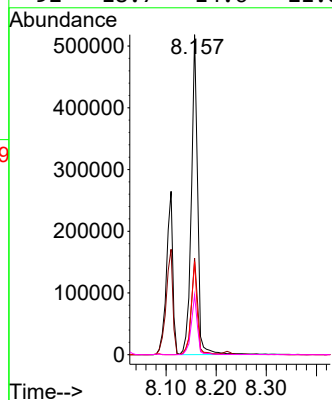
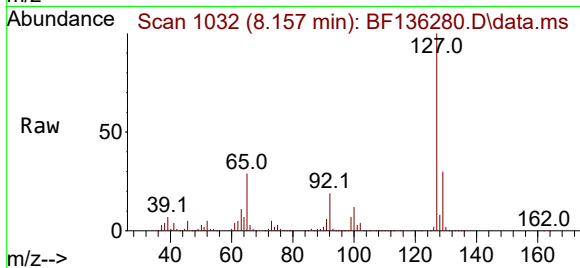
PB157160BS

Tgt Ion:127 Resp: 45259
Ion Ratio Lower Upper
127 100
129 30.2 23.4 35.2
65 29.1 23.8 35.6
92 18.7 14.6 21.8

Manual Integrations

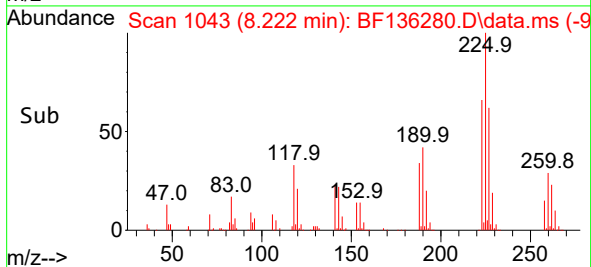
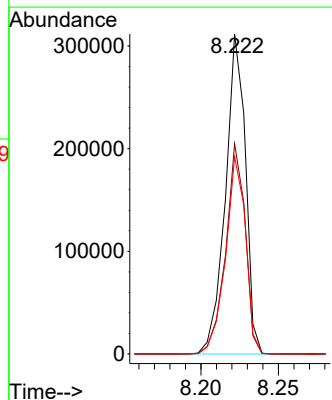
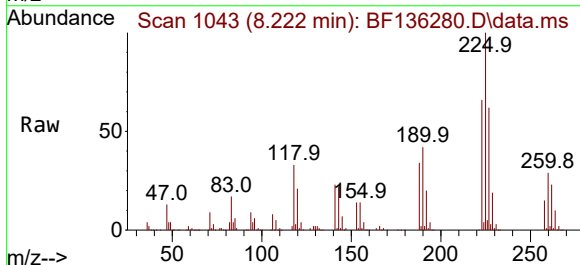
APPROVED

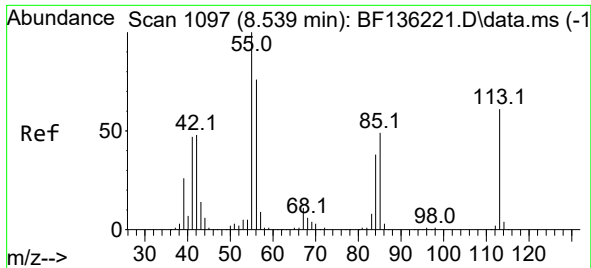
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#34
Hexachlorobutadiene
Concen: 40.198 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

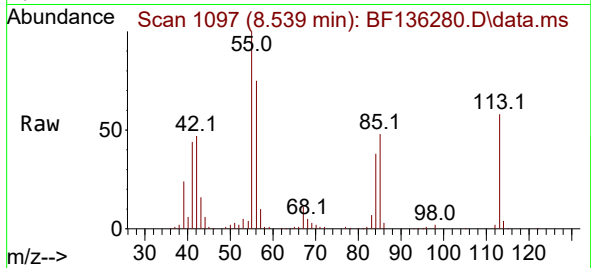
Tgt Ion:225 Resp: 279587
Ion Ratio Lower Upper
225 100
223 65.7 50.6 75.8
227 61.7 49.6 74.4





#35
Caprolactam
Concen: 49.705 ng m
RT: 8.539 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

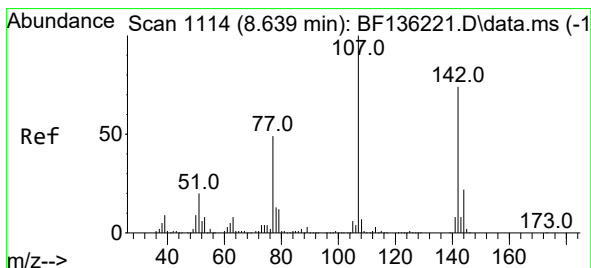
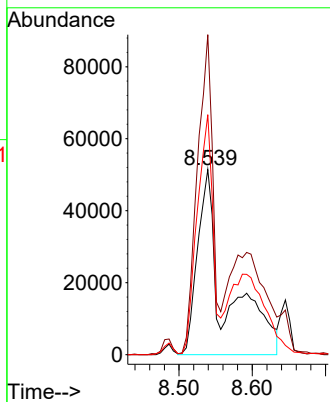
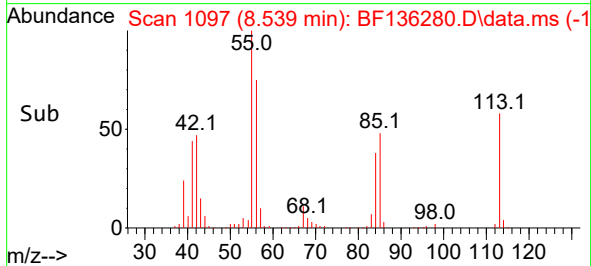
Instrument :
BNA_F
ClientSampleId :
PB157160BS



Tgt Ion:113 Resp: 134925
Ion Ratio Lower Upper
113 100
55 172.8 143.1 183.1
56 129.6 103.6 143.6

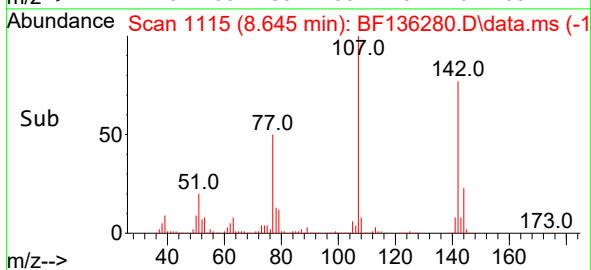
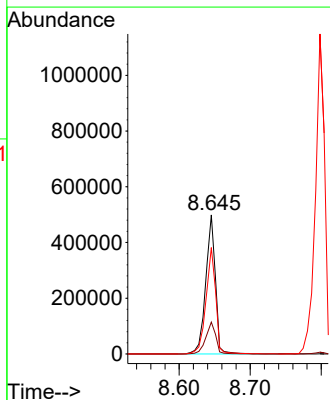
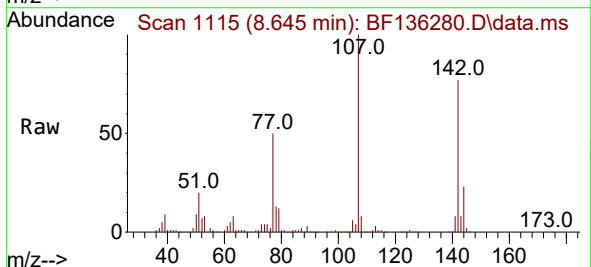
Manual Integrations
APPROVED

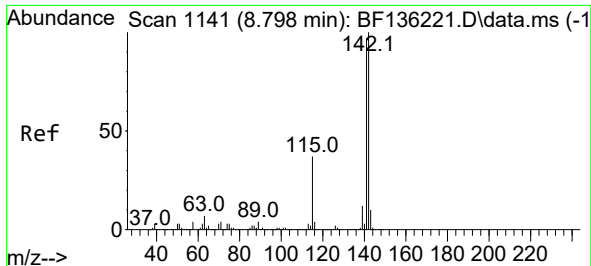
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#36
4-Chloro-3-methylphenol
Concen: 45.015 ng
RT: 8.645 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

Tgt Ion:107 Resp: 474071
Ion Ratio Lower Upper
107 100
144 22.9 17.8 26.8
142 76.6 59.4 89.0





#37
2-Methylnaphthalene
Concen: 43.746 ng
RT: 8.798 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

Instrument :

BNA_F

ClientSampleId :

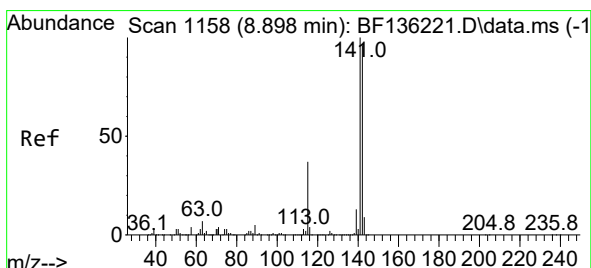
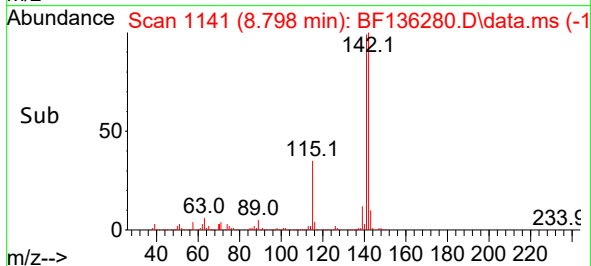
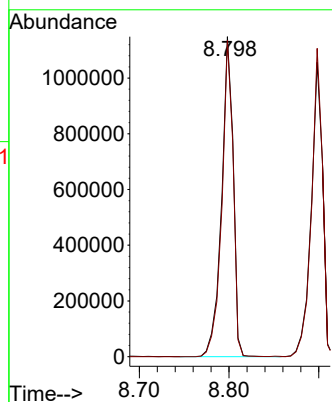
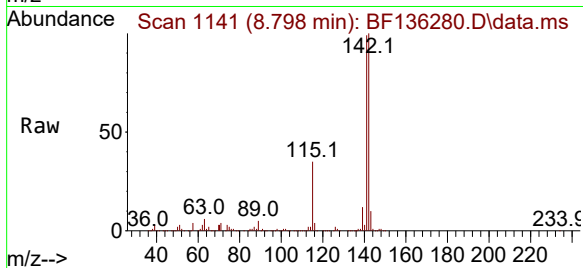
PB157160BS

Tgt Ion:142 Resp: 1032489
Ion Ratio Lower Upper
142 100
141 98.8 77.8 116.8

Manual Integrations

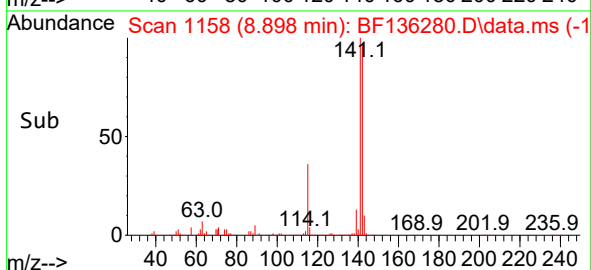
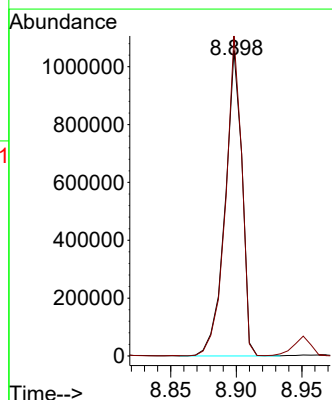
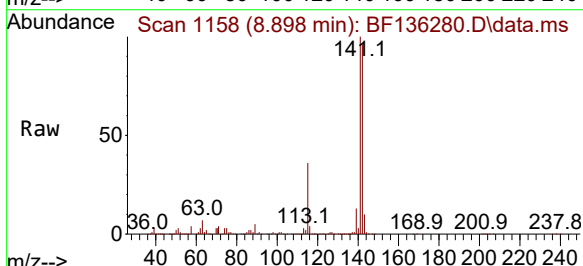
APPROVED

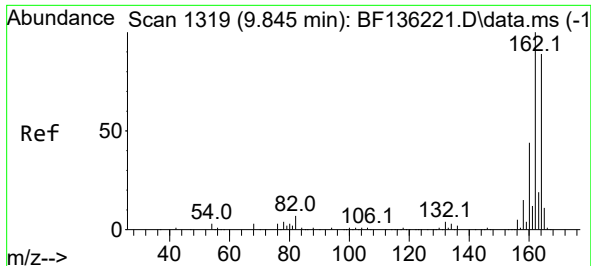
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#38
1-Methylnaphthalene
Concen: 41.030 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

Tgt Ion:142 Resp: 944684
Ion Ratio Lower Upper
142 100
141 104.7 83.8 125.6





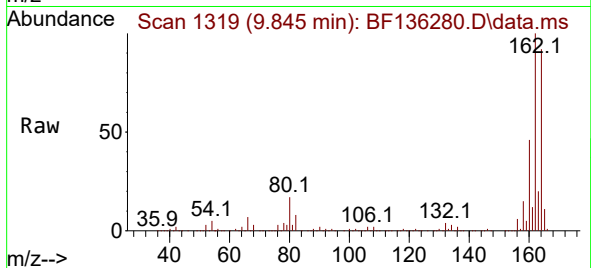
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

Instrument :

BNA_F

ClientSampleId :

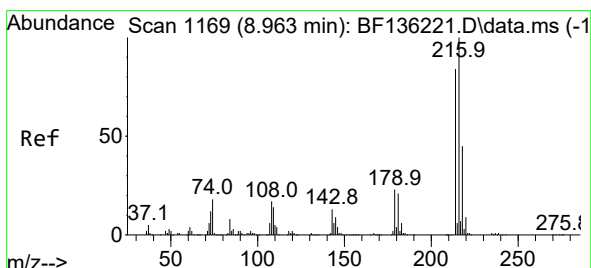
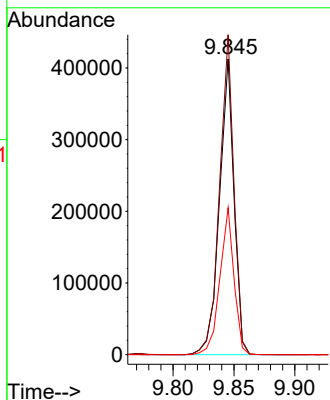
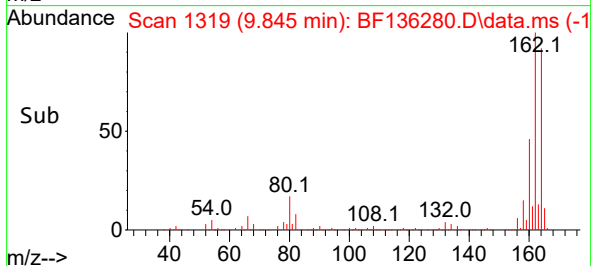
PB157160BS



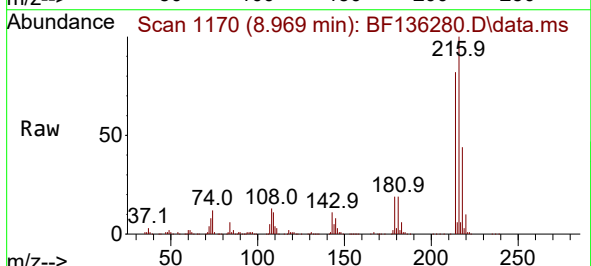
Tgt Ion:164 Resp: 343078
Ion Ratio Lower Upper
164 100
162 108.2 89.5 134.3
160 49.7 39.6 59.4

Manual Integrations
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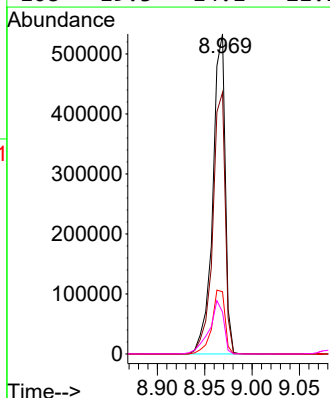
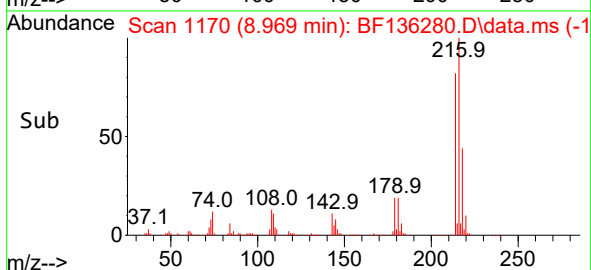
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

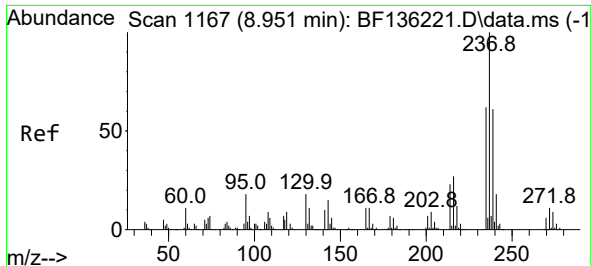


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.584 ng
RT: 8.969 min Scan# 1170
Delta R.T. 0.006 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21



Tgt Ion:216 Resp: 486787
Ion Ratio Lower Upper
216 100
214 82.0 65.8 98.8
179 20.9 17.4 26.0
108 19.3 14.1 21.1





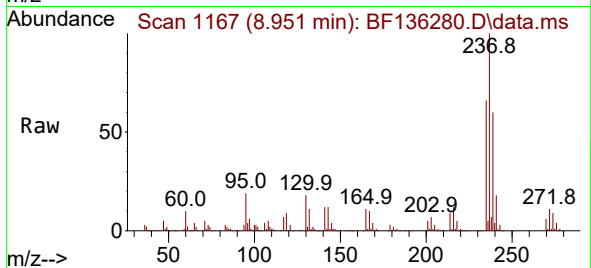
#41
Hexachlorocyclopentadiene
Concen: 131.888 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

Instrument :

BNA_F

ClientSampleId :

PB157160BS

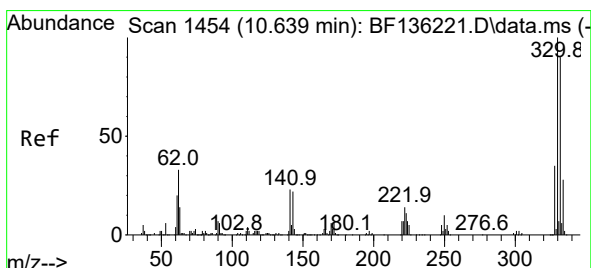
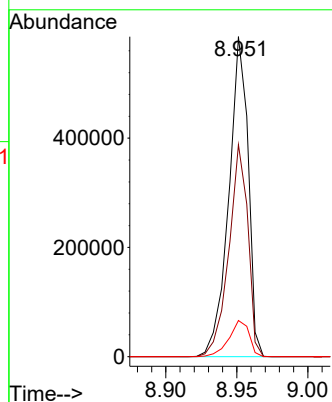
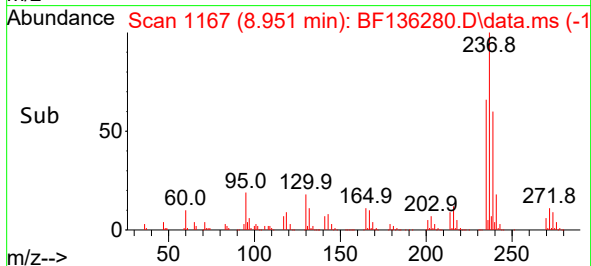


Tgt Ion:237 Resp: 554094
Ion Ratio Lower Upper
237 100
235 66.2 42.1 82.1
272 11.3 0.0 31.0

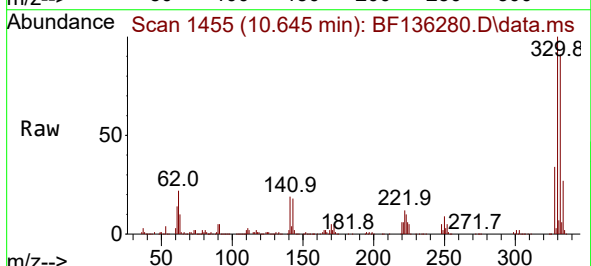
Manual Integrations

APPROVED

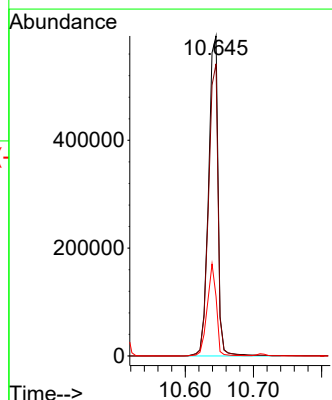
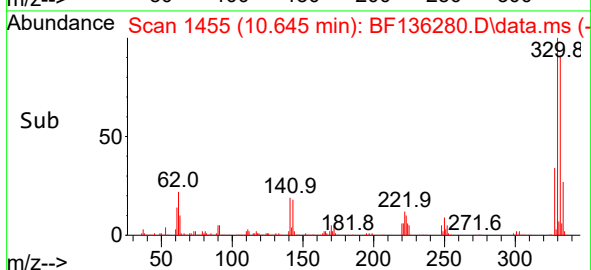
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

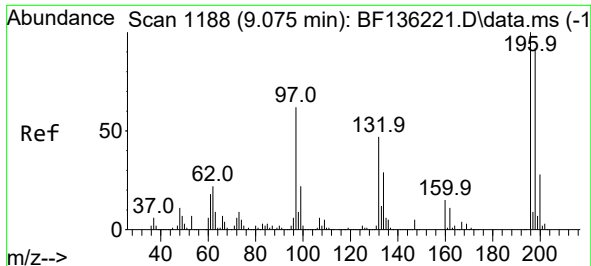


#42
2,4,6-Tribromophenol
Concen: 138.009 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.006 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21



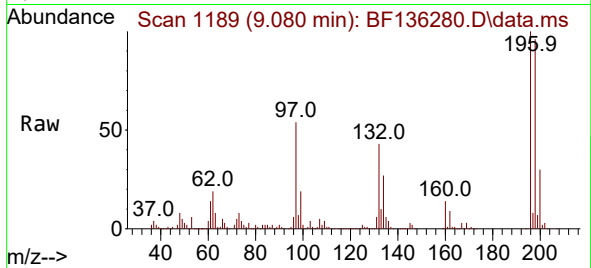
Tgt Ion:330 Resp: 578867
Ion Ratio Lower Upper
330 100
332 91.8 73.0 109.6
141 27.6 24.2 36.2





#43
2,4,6-Trichlorophenol
Concen: 45.960 ng
RT: 9.080 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

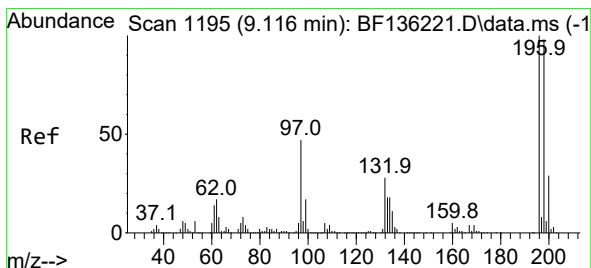
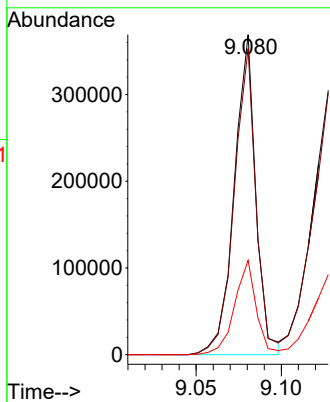
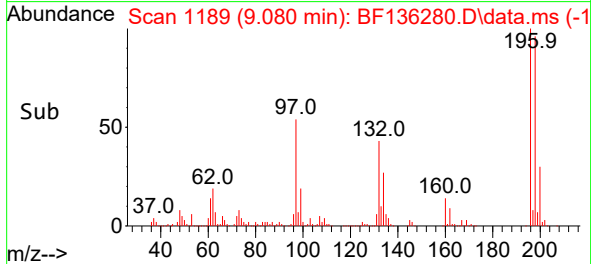
Instrument :
BNA_F
ClientSampleId :
PB157160BS



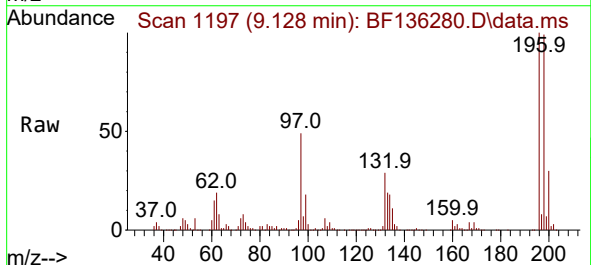
Tgt Ion:196 Resp: 32571
Ion Ratio Lower Upper
196 100
198 95.6 73.2 109.8
200 29.5 22.4 33.6

Manual Integrations
APPROVED

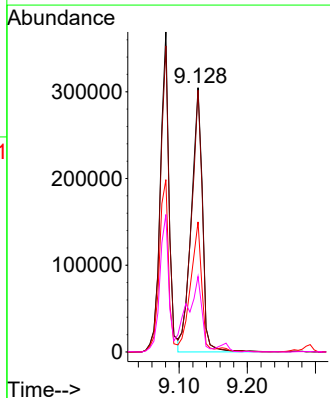
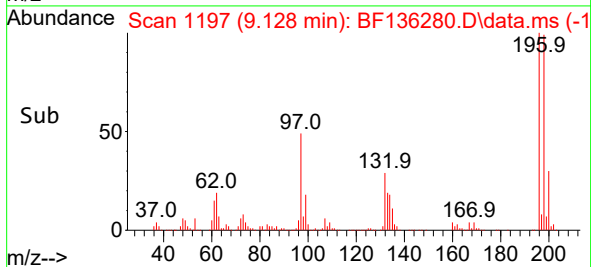
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

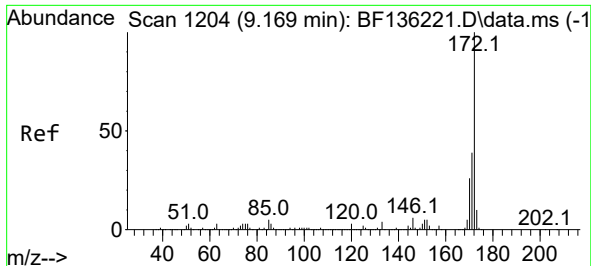


#44
2,4,5-Trichlorophenol
Concen: 44.684 ng
RT: 9.128 min Scan# 1197
Delta R.T. 0.012 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21



Tgt Ion:196 Resp: 345579
Ion Ratio Lower Upper
196 100
198 99.0 78.8 118.2
97 49.2 37.8 56.8
132 28.5 22.4 33.6





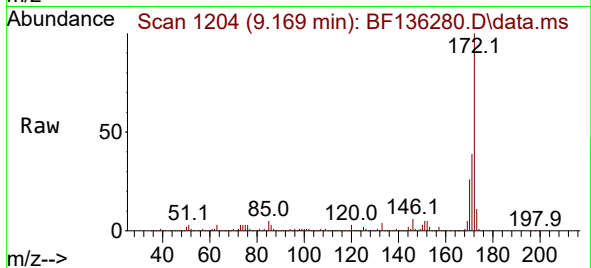
#45
2-Fluorobiphenyl
Concen: 82.799 ng
RT: 9.169 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

Instrument :

BNA_F

ClientSampleId :

PB157160BS

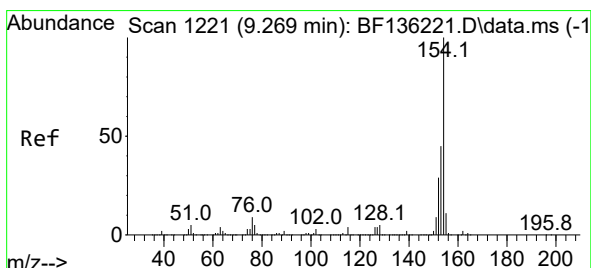
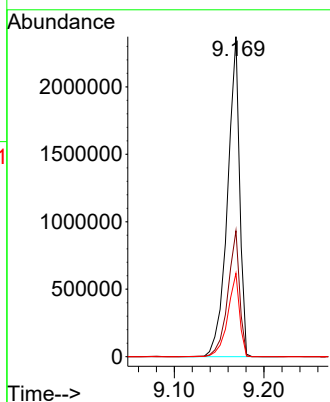
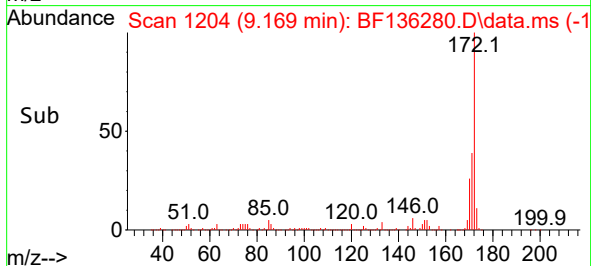


Tgt Ion:172 Resp: 222395
Ion Ratio Lower Upper
172 100
171 39.4 31.5 47.3
170 26.0 20.8 31.2

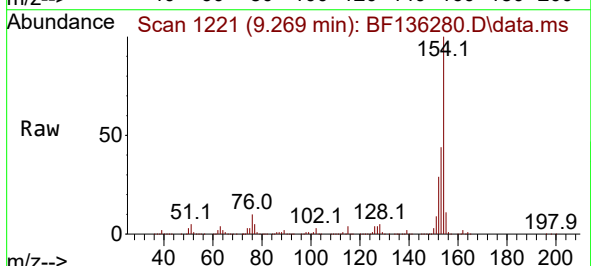
Manual Integrations

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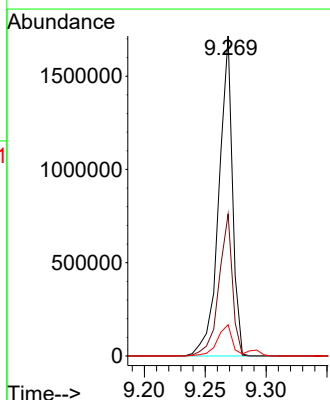
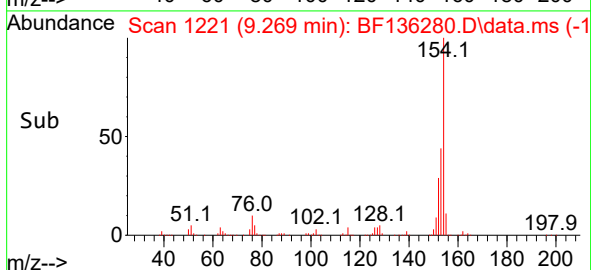
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

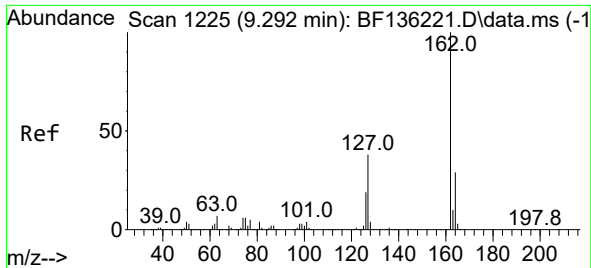


#46
1,1'-Biphenyl
Concen: 44.187 ng
RT: 9.269 min Scan# 1221
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21



Tgt Ion:154 Resp: 1336842
Ion Ratio Lower Upper
154 100
153 44.3 24.6 64.6
76 9.7 0.0 29.4





#47

2-Chloronaphthalene

Concen: 43.084 ng

RT: 9.292 min Scan# 1225

Delta R.T. 0.000 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

Instrument :

BNA_F

ClientSampleId :

PB157160BS

Tgt Ion:162 Resp: 1012250

Ion Ratio Lower Upper

162 100

127 37.6 30.2 45.2

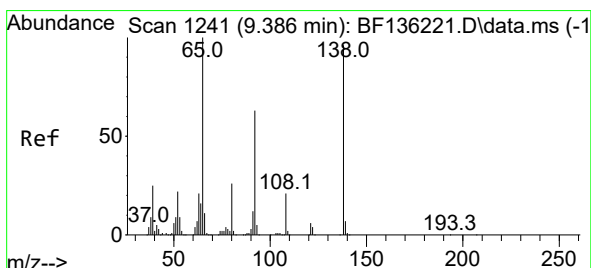
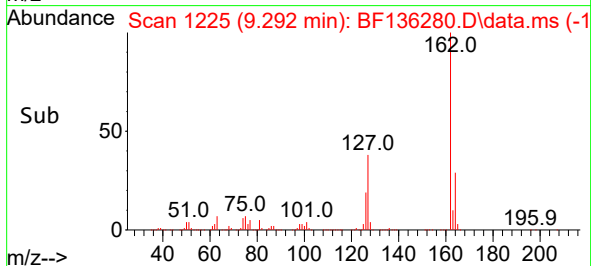
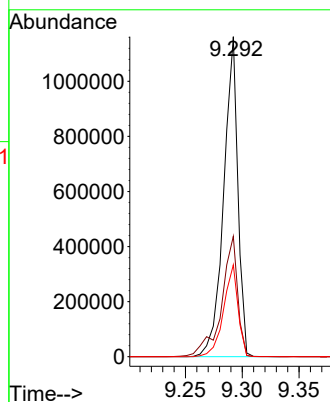
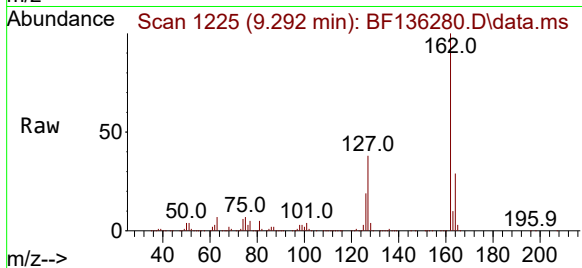
164 28.7 22.8 34.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#48

2-Nitroaniline

Concen: 46.410 ng

RT: 9.392 min Scan# 1242

Delta R.T. 0.006 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

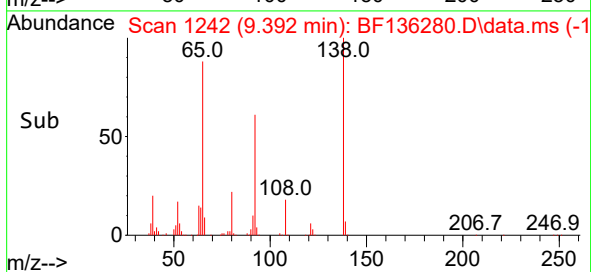
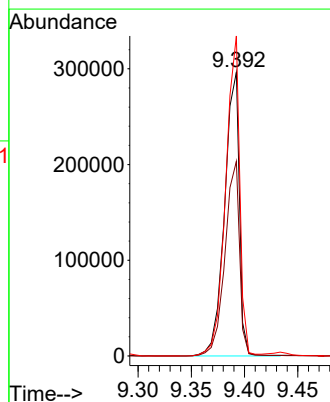
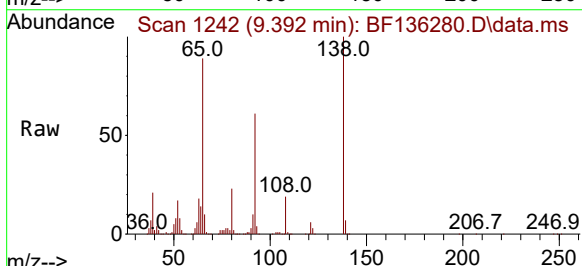
Tgt Ion: 65 Resp: 284690

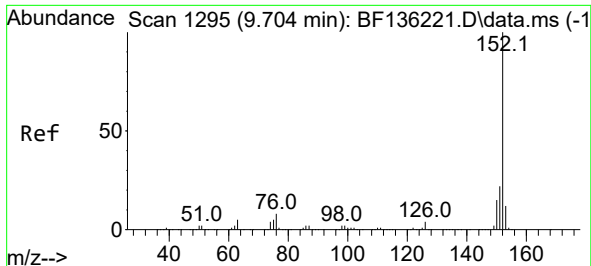
Ion Ratio Lower Upper

65 100

92 68.6 50.6 75.8

138 112.8 76.7 115.1





#49

Acenaphthylene

Concen: 45.496 ng

RT: 9.710 min Scan# 1295

Delta R.T. 0.006 min

Lab File: BF136280.D

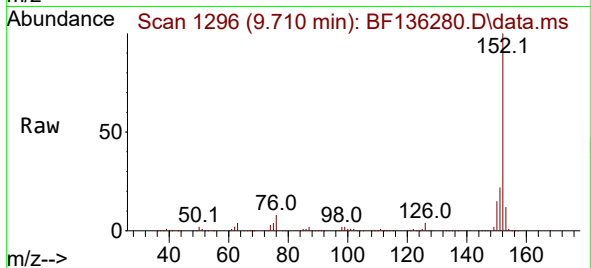
Acq: 29 Nov 2023 13:21

Instrument :

BNA_F

ClientSampleId :

PB157160BS



Tgt Ion:152 Resp: 1525429

Ion Ratio Lower Upper

152 100

151 21.7 17.5 26.3

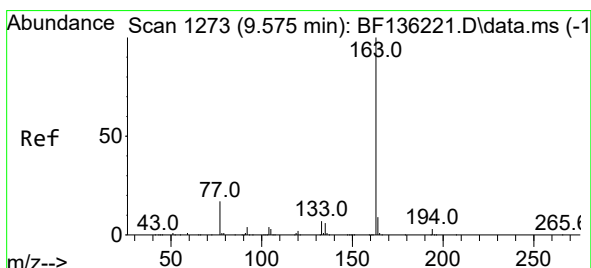
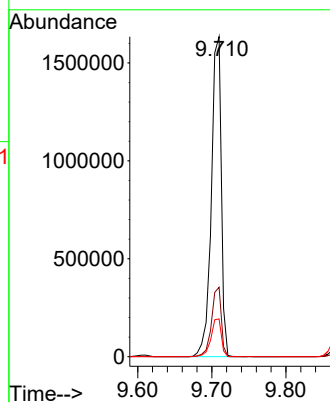
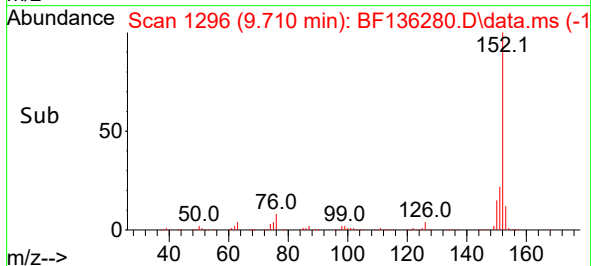
153 11.8 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#50

Dimethylphthalate

Concen: 45.468 ng

RT: 9.575 min Scan# 1273

Delta R.T. 0.000 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

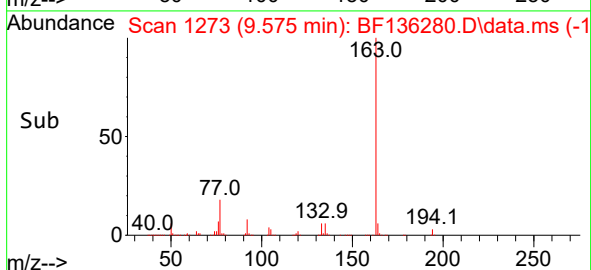
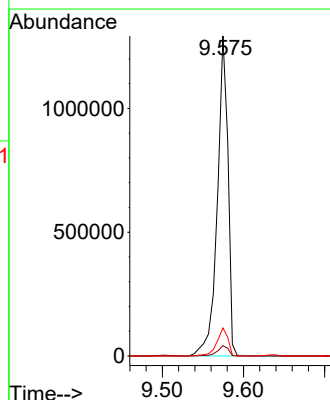
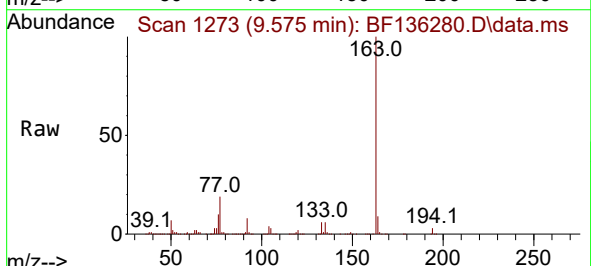
Tgt Ion:163 Resp: 1179006

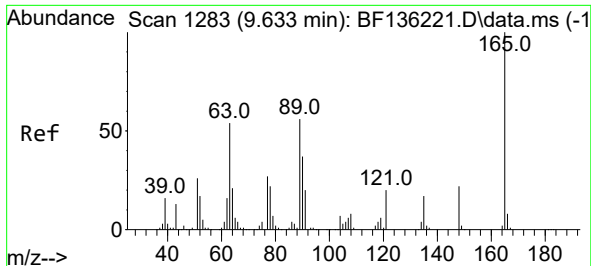
Ion Ratio Lower Upper

163 100

194 3.2 2.5 3.7

164 8.8 7.0 10.6





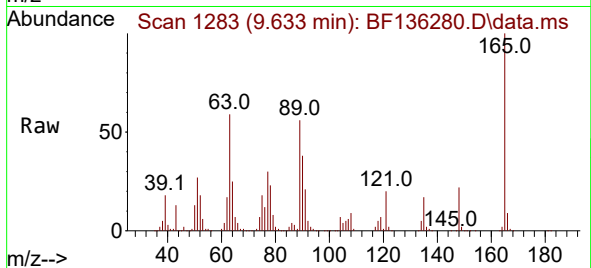
#51
2,6-Dinitrotoluene
Concen: 45.768 ng
RT: 9.633 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

Instrument :

BNA_F

ClientSampleId :

PB157160BS

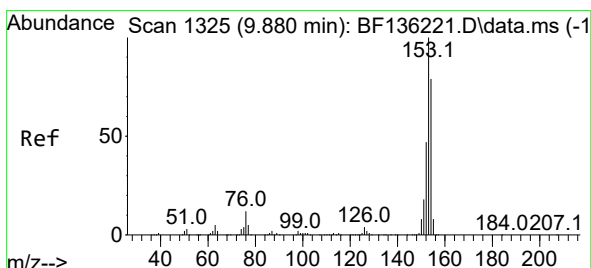
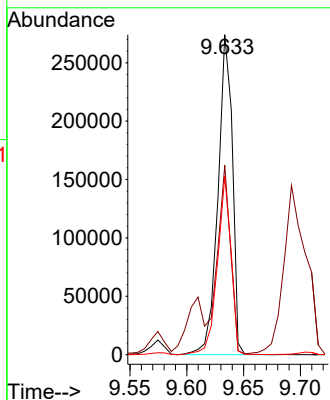
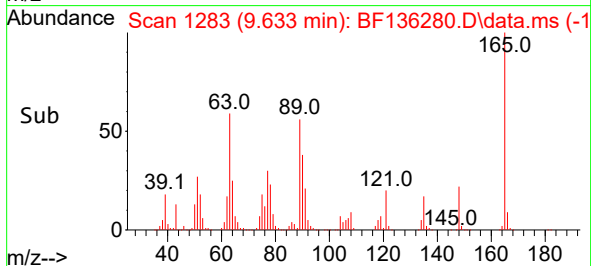


Tgt Ion:165 Resp: 242450
Ion Ratio Lower Upper
165 100
63 59.3 46.2 69.2
89 55.8 44.9 67.3

Manual Integrations

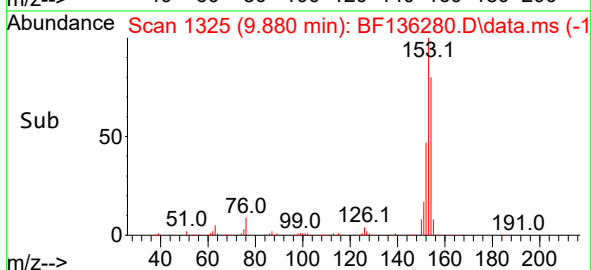
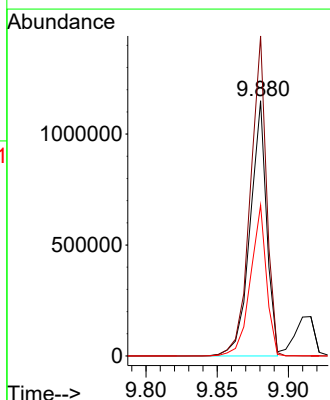
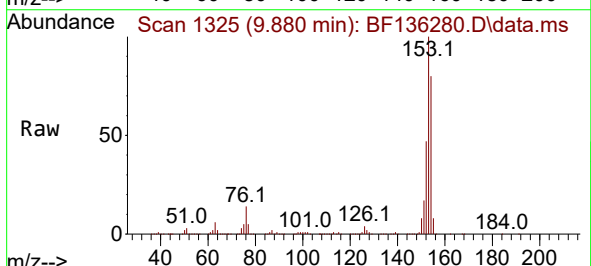
APPROVED

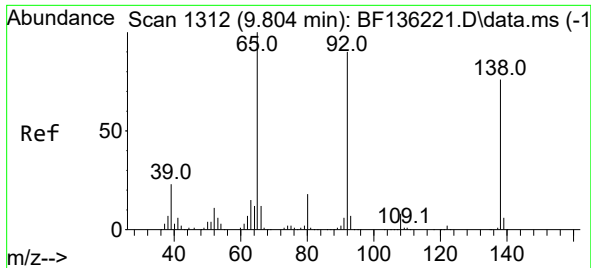
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#52
Acenaphthene
Concen: 43.853 ng m
RT: 9.880 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

Tgt Ion:154 Resp: 929190
Ion Ratio Lower Upper
154 100
153 125.4 100.8 151.2
152 59.1 47.0 70.6





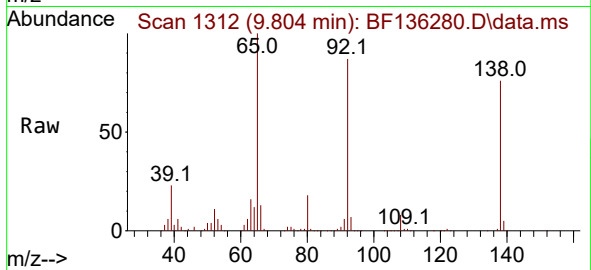
#53
3-Nitroaniline
Concen: 39.408 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

Instrument :

BNA_F

ClientSampleId :

PB157160BS



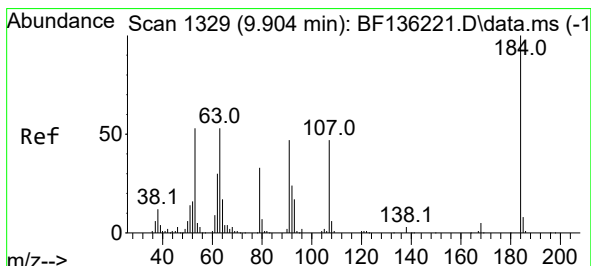
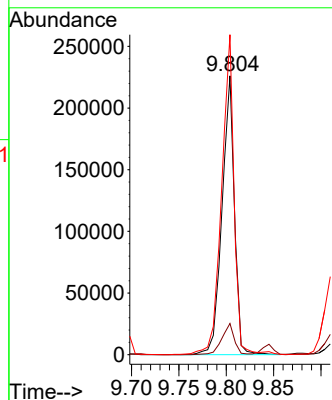
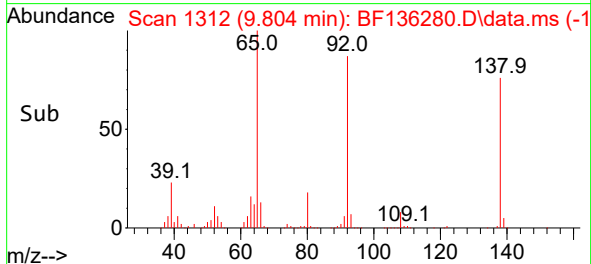
Tgt Ion:138 Resp: 207138
Ion Ratio Lower Upper
138 100
108 11.2 8.7 13.1
92 114.7 94.2 141.4

Manual Integrations

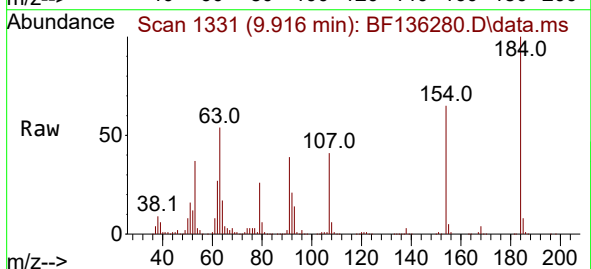
APPROVED

Reviewed By :Yogesh Patel 11/30/2023

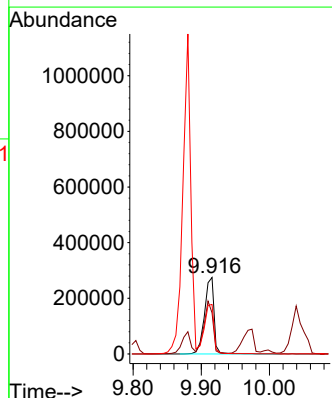
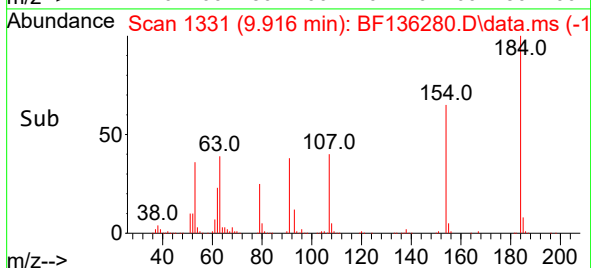
Supervised By :mohammad ahmed 12/01/2023

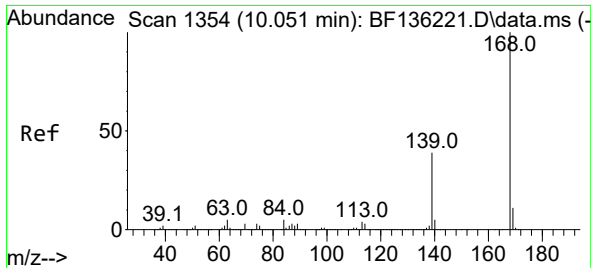


#54
2,4-Dinitrophenol
Concen: 108.826 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.012 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21



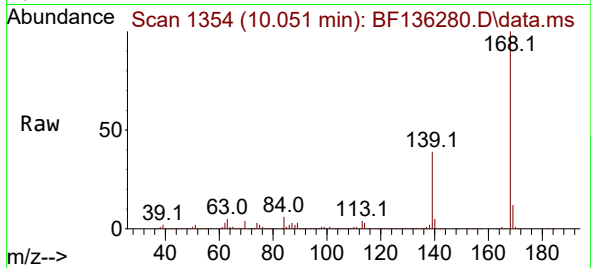
Tgt Ion:184 Resp: 268120
Ion Ratio Lower Upper
184 100
63 53.9 55.0 82.4#
154 64.6 54.9 82.3





#55
Dibenzenofuran
Concen: 44.655 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

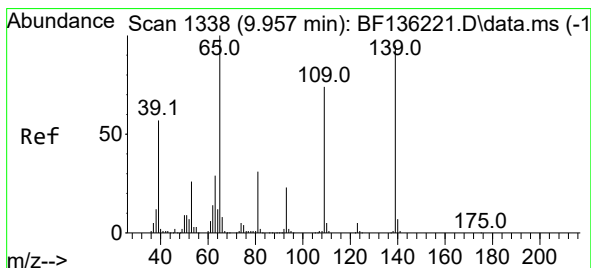
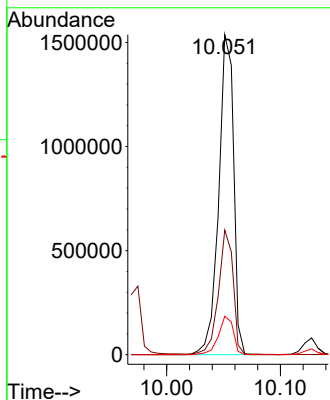
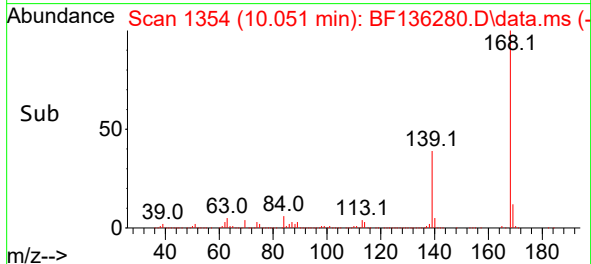
Instrument :
BNA_F
ClientSampleId :
PB157160BS



Tgt Ion:168 Resp: 1407935
Ion Ratio Lower Upper
168 100
139 39.0 30.9 46.3
169 12.0 9.1 13.7

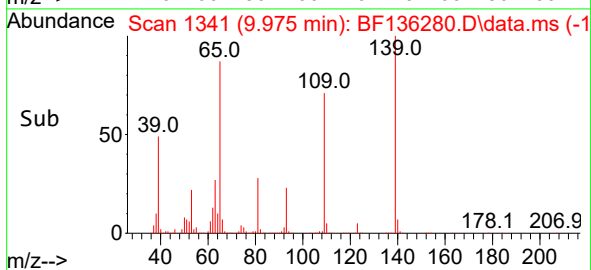
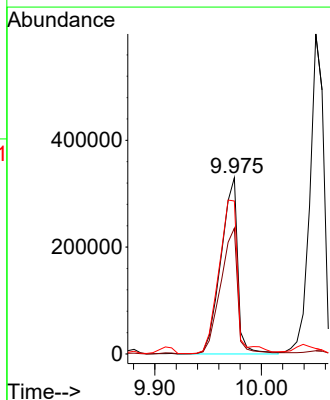
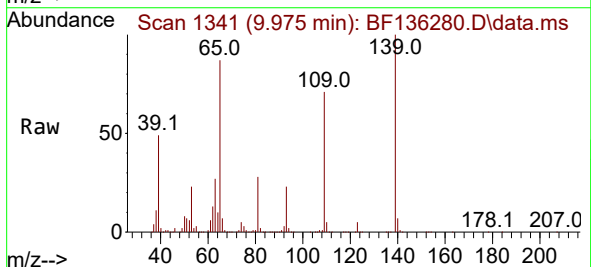
Manual Integrations
APPROVED

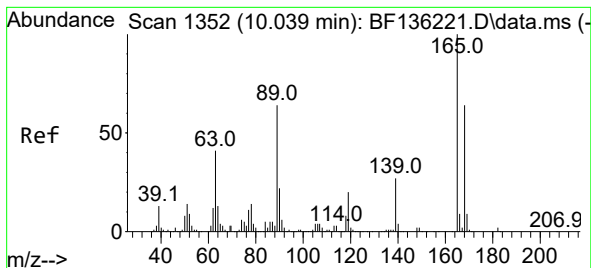
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#56
4-Nitrophenol
Concen: 90.672 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.018 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

Tgt Ion:139 Resp: 361974
Ion Ratio Lower Upper
139 100
109 71.4 57.8 97.8
65 86.9 86.0 126.0





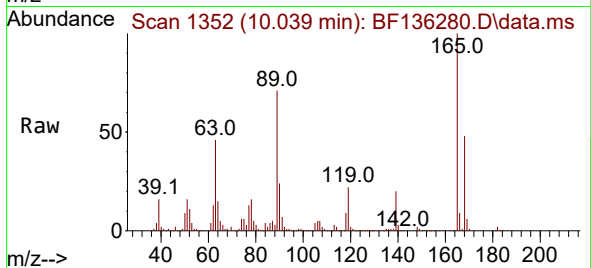
#57
2,4-Dinitrotoluene
Concen: 46.777 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

Instrument :

BNA_F

ClientSampleId :

PB157160BS

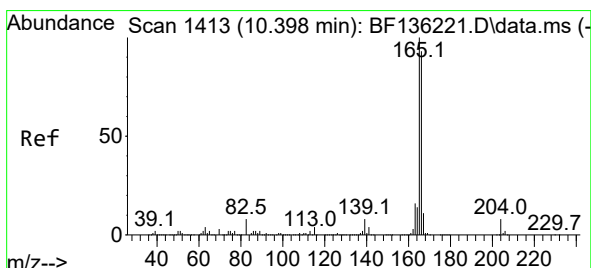
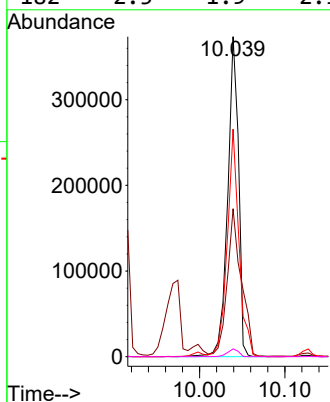
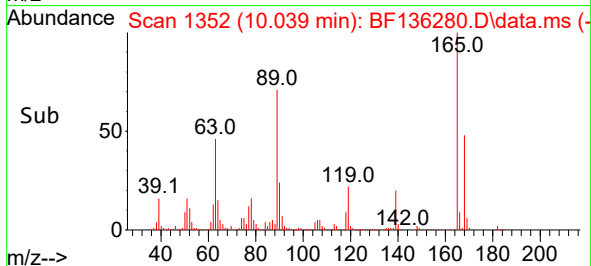


Tgt Ion:165 Resp: 331000
Ion Ratio Lower Upper
165 100
63 46.2 33.0 49.4
89 71.1 51.5 77.3
182 2.5 1.9 2.9

Manual Integrations

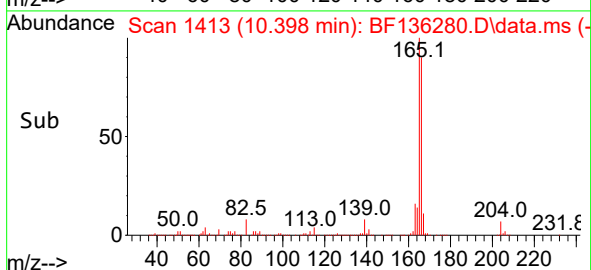
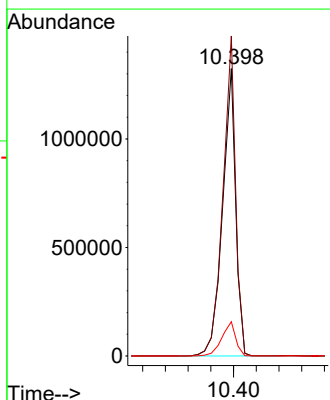
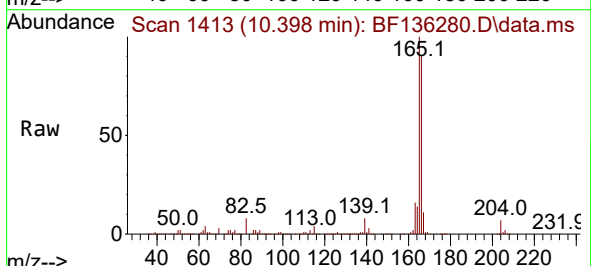
APPROVED

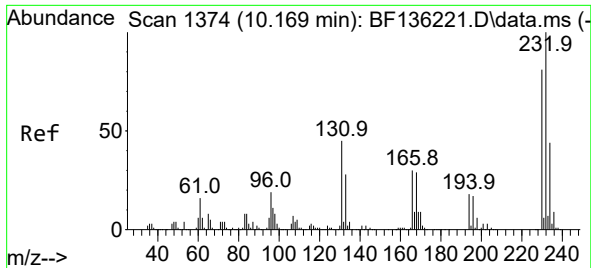
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#58
Fluorene
Concen: 43.144 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

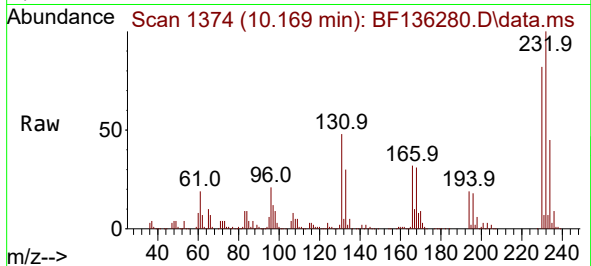
Tgt Ion:166 Resp: 1067012
Ion Ratio Lower Upper
166 100
165 111.3 86.2 129.4
167 11.9 9.1 13.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.537 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

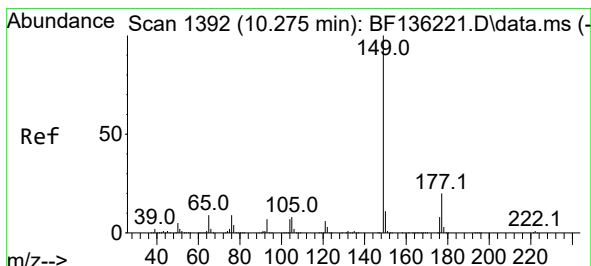
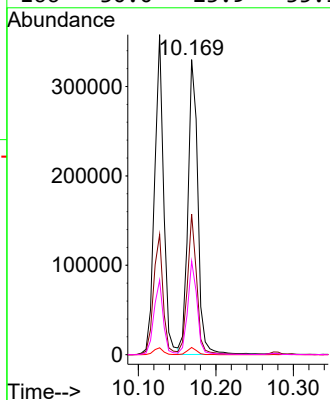
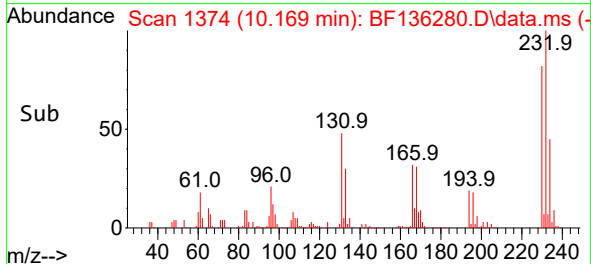
Instrument :
BNA_F
ClientSampleId :
PB157160BS



Tgt Ion:232 Resp: 292514
Ion Ratio Lower Upper
232 100
131 44.3 36.4 54.6
130 2.4 1.9 2.9
166 30.0 23.9 35.9

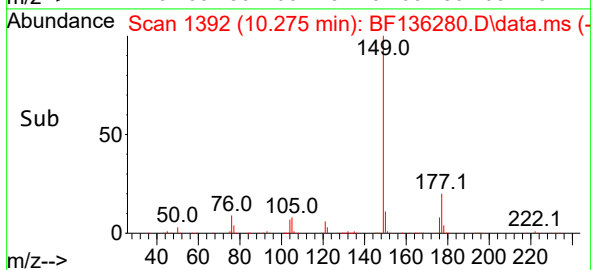
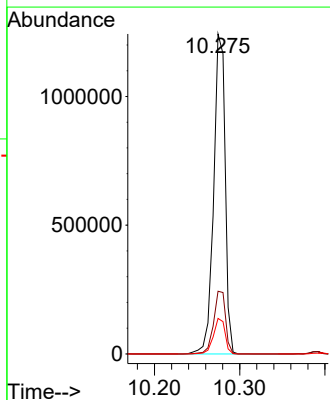
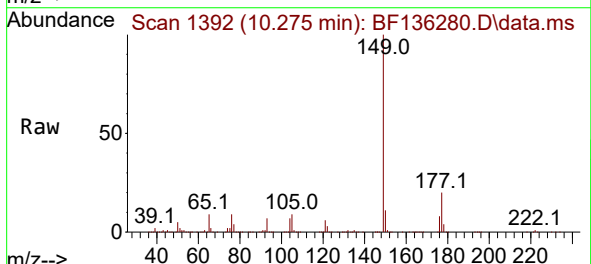
Manual Integrations
APPROVED

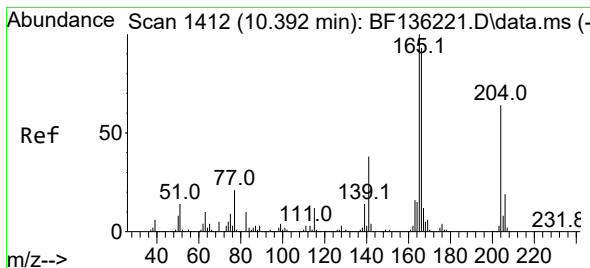
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#60
Diethylphthalate
Concen: 45.051 ng
RT: 10.275 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

Tgt Ion:149 Resp: 1168563
Ion Ratio Lower Upper
149 100
177 19.6 15.8 23.6
150 11.1 8.8 13.2





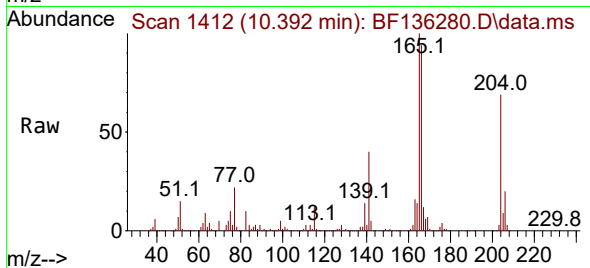
#61
4-Chlorophenyl-phenylether
Concen: 43.067 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

Instrument :

BNA_F

ClientSampleId :

PB157160BS

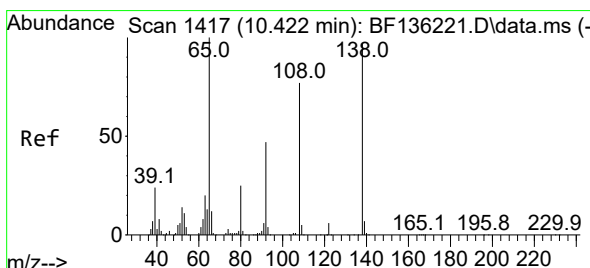
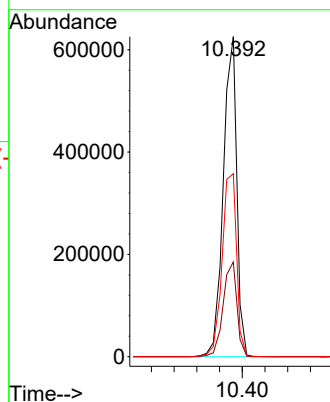
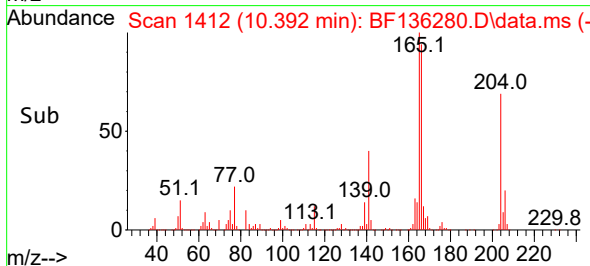


Tgt Ion:204 Resp: 517250
Ion Ratio Lower Upper
204 100
206 29.6 23.4 35.0
141 57.2 47.6 71.4

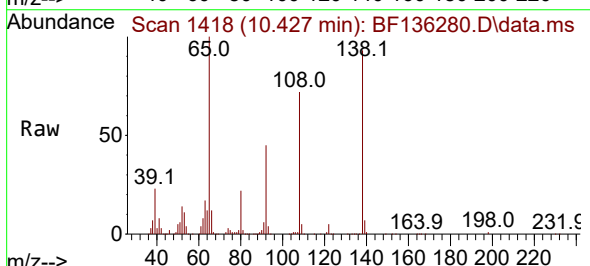
Manual Integrations

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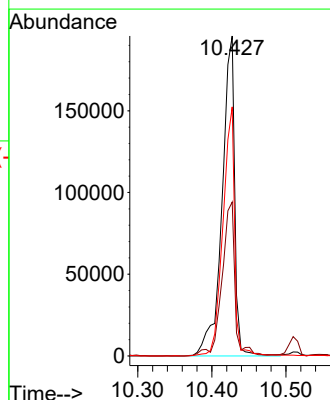
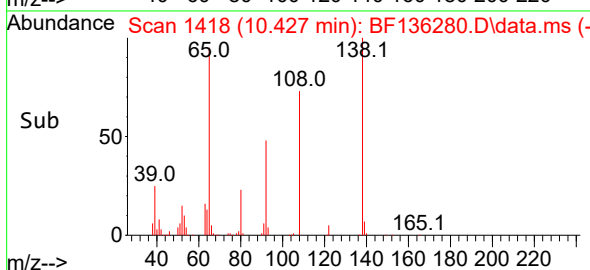
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

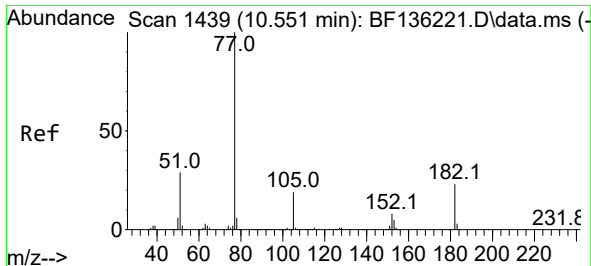


#62
4-Nitroaniline
Concen: 45.337 ng
RT: 10.427 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21



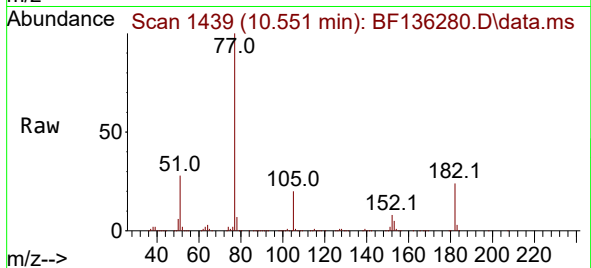
Tgt Ion:138 Resp: 233260
Ion Ratio Lower Upper
138 100
92 48.1 28.5 68.5
108 77.8 59.8 99.8





#63
Azobenzene
Concen: 44.309 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

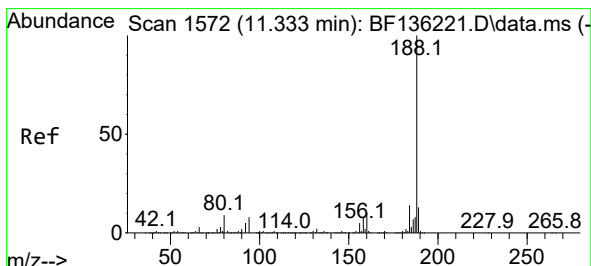
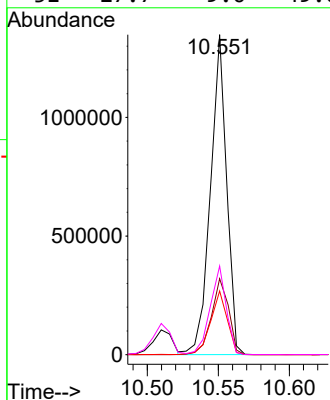
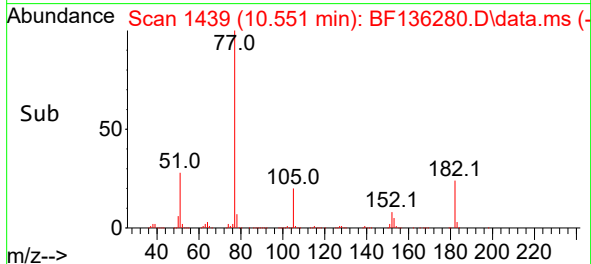
Instrument :
BNA_F
ClientSampleId :
PB157160BS



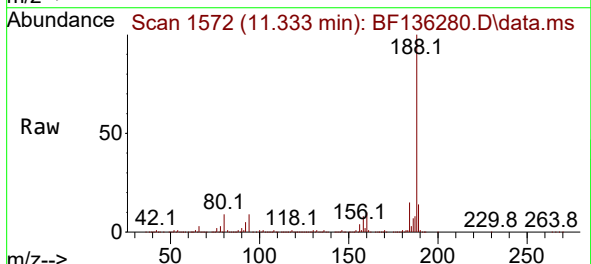
Tgt Ion: 77 Resp: 1065500
Ion Ratio Lower Upper
77 100
182 23.8 3.3 43.3
105 19.9 0.0 39.5
51 27.7 9.0 49.0

Manual Integrations
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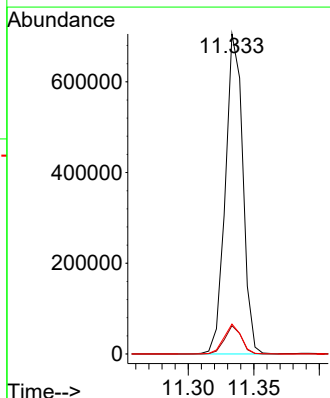
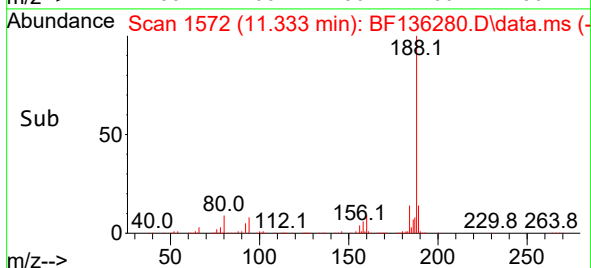
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

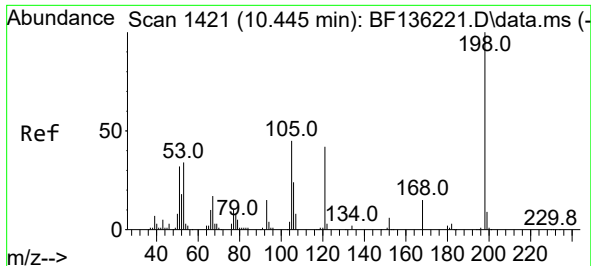


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21



Tgt Ion:188 Resp: 653493
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 9.4 7.2 10.8





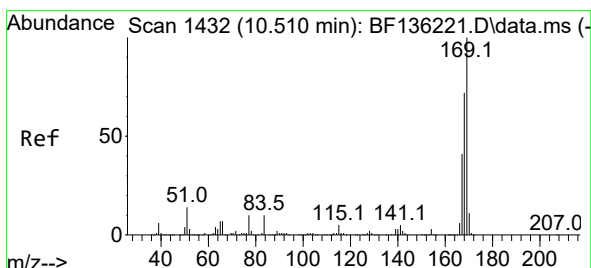
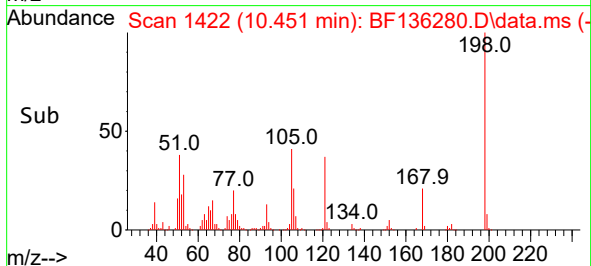
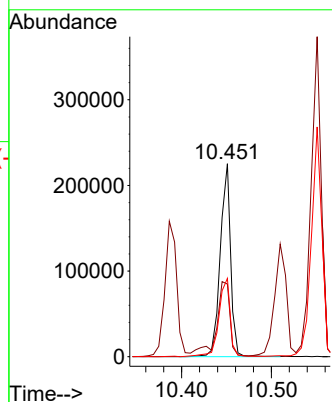
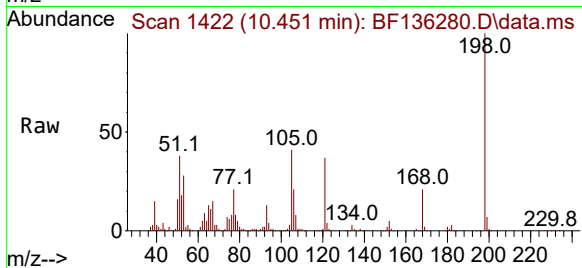
#65
4,6-Dinitro-2-methylphenol
Concen: 50.632 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

Instrument :
BNA_F
ClientSampleId :
PB157160BS

Tgt Ion:198 Resp: 180938
Ion Ratio Lower Upper
198 100
51 37.6 28.2 68.2
105 40.5 25.7 65.7

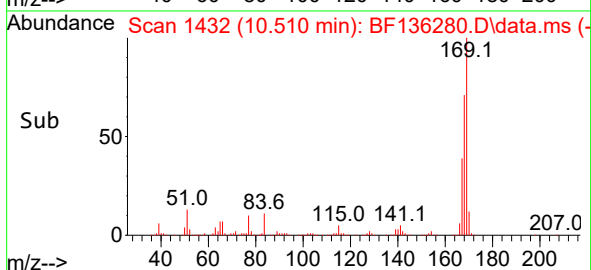
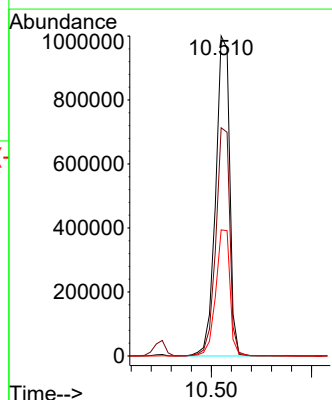
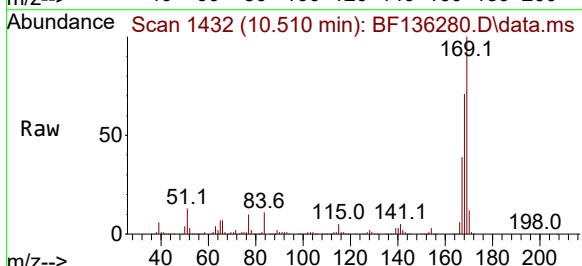
Manual Integrations
APPROVED

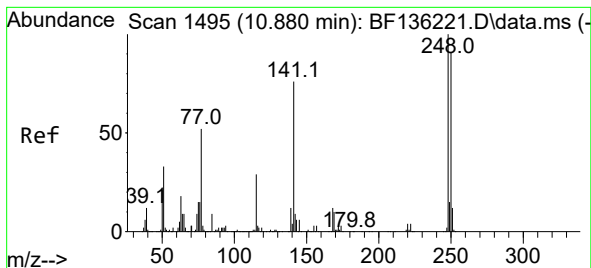
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#66
n-Nitrosodiphenylamine
Concen: 46.177 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

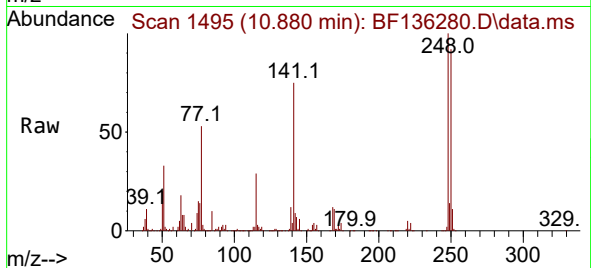
Tgt Ion:169 Resp: 967045
Ion Ratio Lower Upper
169 100
168 71.3 57.8 86.6
167 39.4 32.7 49.1





#67
4-Bromophenyl-phenylether
Concen: 43.815 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

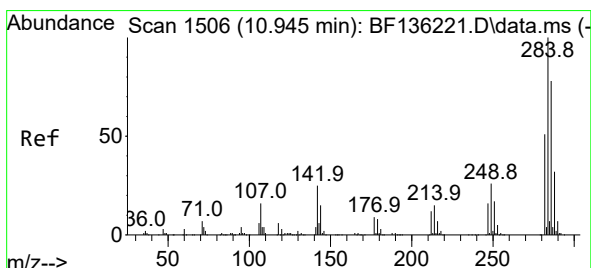
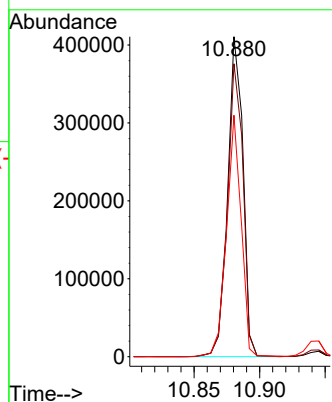
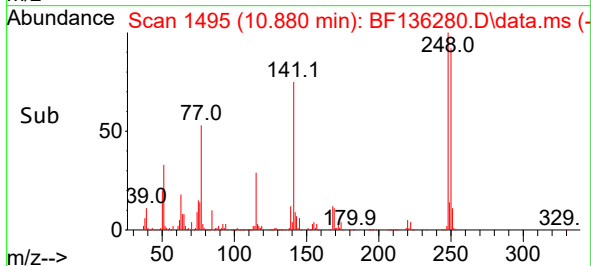
Instrument :
BNA_F
ClientSampleId :
PB157160BS



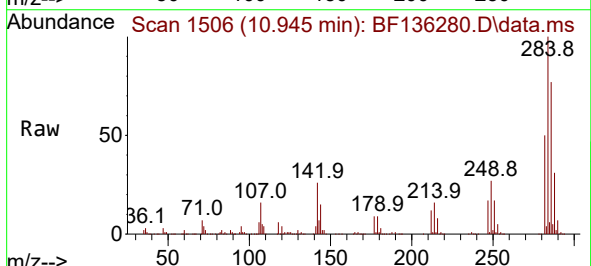
Tgt Ion:248 Resp: 334049
Ion Ratio Lower Upper
248 100
250 91.6 72.5 108.7
141 75.5 60.8 91.2

Manual Integrations
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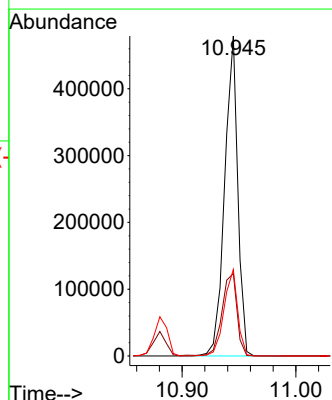
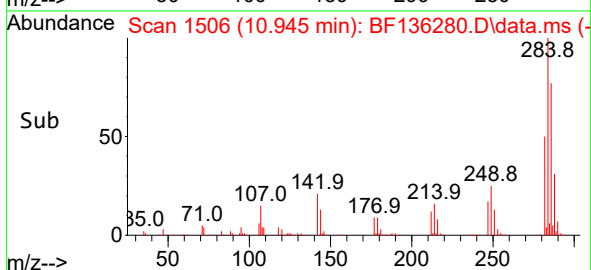
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

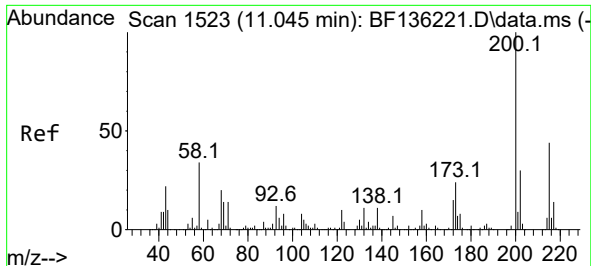


#68
Hexachlorobenzene
Concen: 43.590 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21



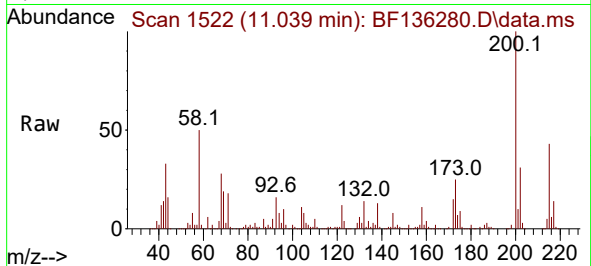
Tgt Ion:284 Resp: 384632
Ion Ratio Lower Upper
284 100
142 25.7 19.8 29.8
249 27.0 21.0 31.4





#69
Atrazine
Concen: 31.319 ng
RT: 11.039 min Scan# 1522
Delta R.T. -0.006 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

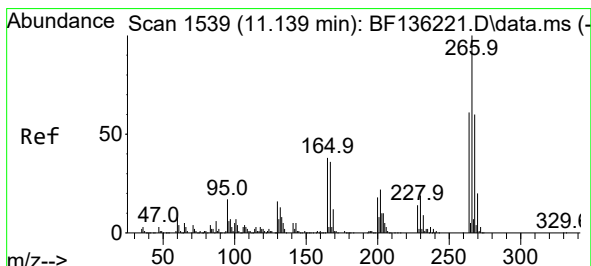
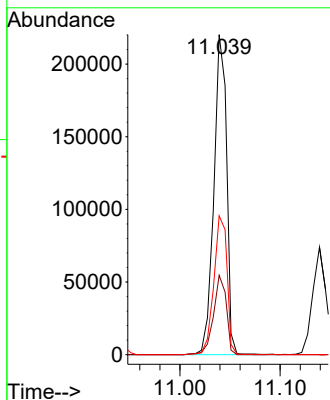
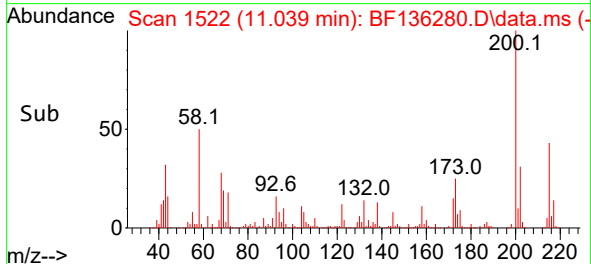
Instrument :
BNA_F
ClientSampleId :
PB157160BS



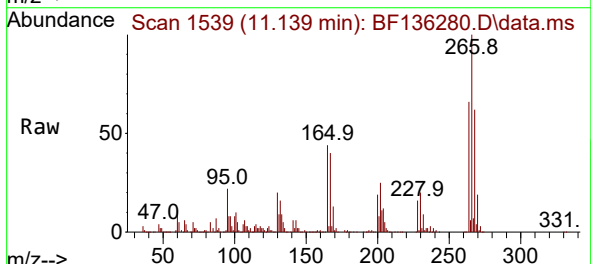
Tgt Ion:200 Resp: 194560
Ion Ratio Lower Upper
200 100
173 24.8 4.3 44.3
215 43.4 23.8 63.8

Manual Integrations
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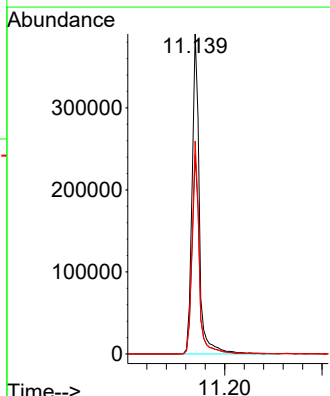
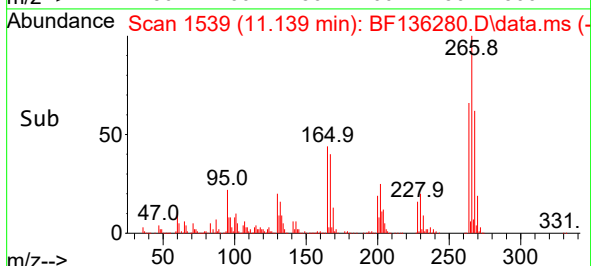
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

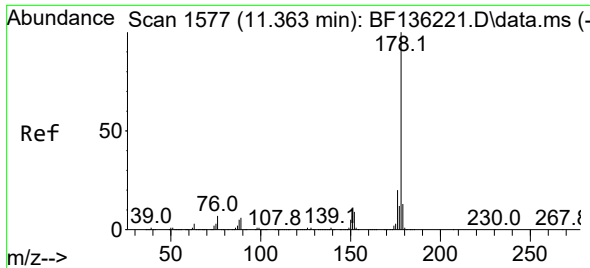


#70
Pentachlorophenol
Concen: 81.206 ng
RT: 11.139 min Scan# 1539
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21



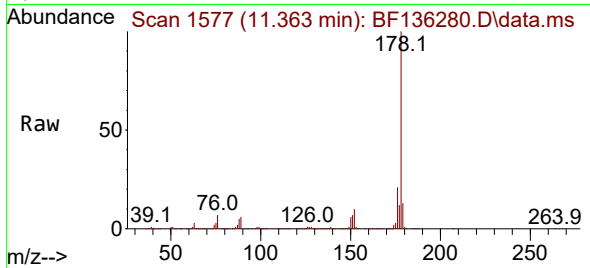
Tgt Ion:266 Resp: 405032
Ion Ratio Lower Upper
266 100
268 62.1 47.9 71.9
264 66.5 49.1 73.7





#71
Phenanthrene
Concen: 45.630 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

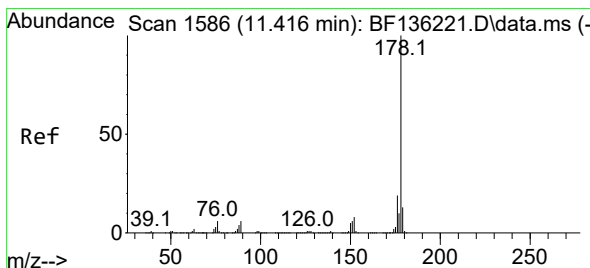
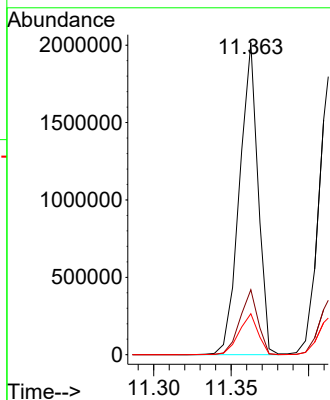
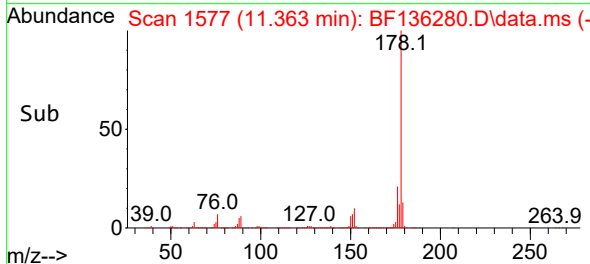
Instrument :
BNA_F
ClientSampleId :
PB157160BS



Tgt Ion:178 Resp: 1675939
Ion Ratio Lower Upper
178 100
176 20.8 16.2 24.2
179 13.1 10.3 15.5

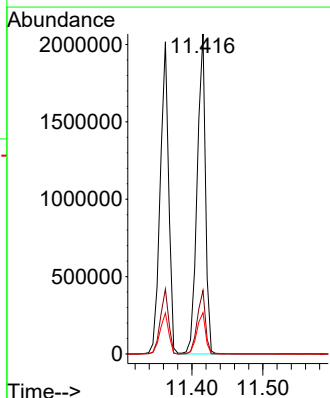
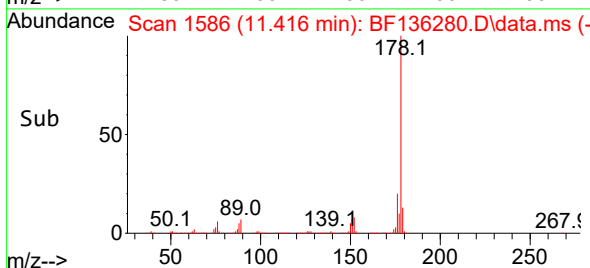
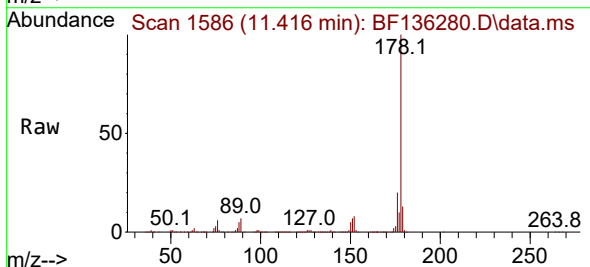
Manual Integrations
APPROVED

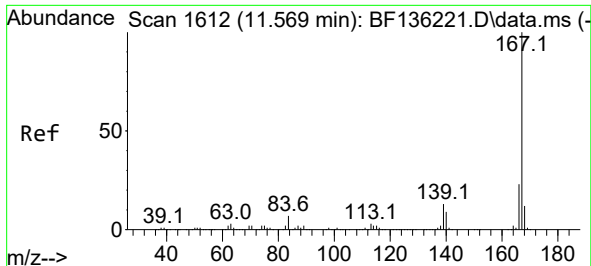
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#72
Anthracene
Concen: 45.744 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

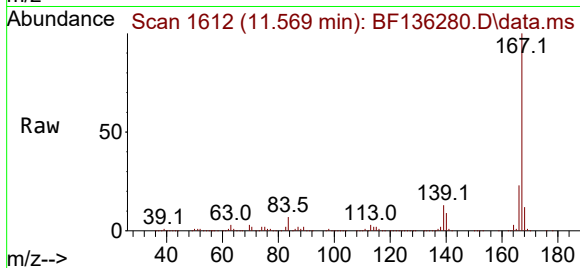
Tgt Ion:178 Resp: 1684894
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 12.9 10.5 15.7





#73
 Carbazole
 Concen: 44.715 ng
 RT: 11.569 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: BF136280.D
 Acq: 29 Nov 2023 13:21

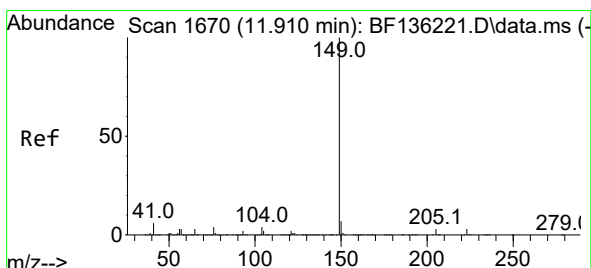
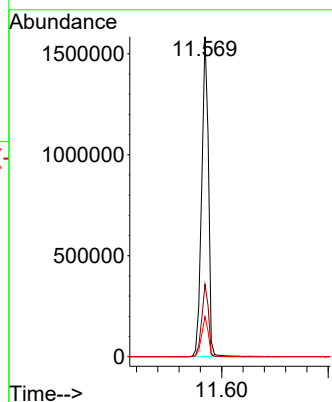
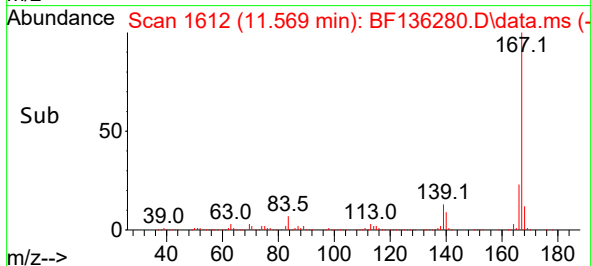
Instrument :
 BNA_F
 ClientSampleId :
 PB157160BS



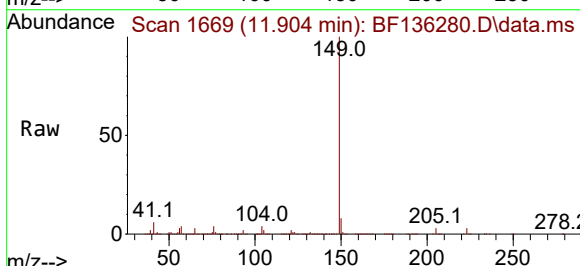
Tgt Ion:167 Resp: 1400763
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.4 27.6
 139 12.5 10.5 15.7

Manual Integrations
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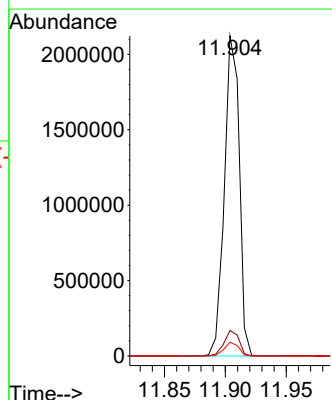
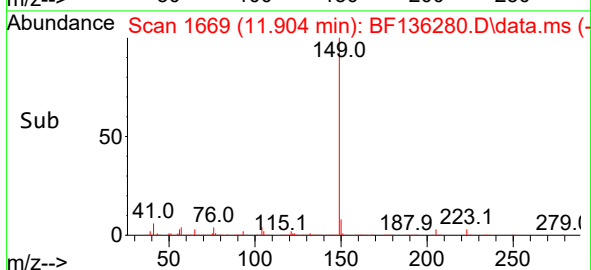
Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :mohammad ahmed 12/01/2023

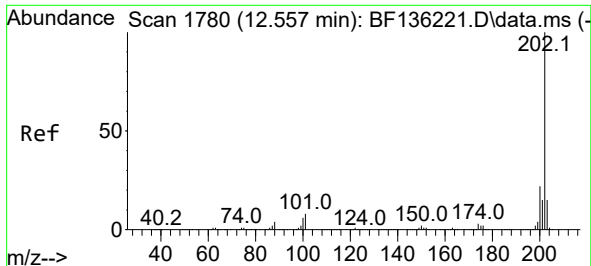


#74
 Di-n-butylphthalate
 Concen: 46.170 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF136280.D
 Acq: 29 Nov 2023 13:21



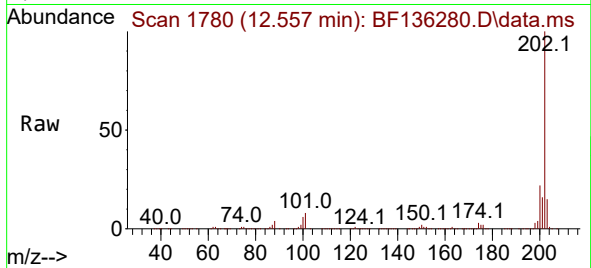
Tgt Ion:149 Resp: 1809688
 Ion Ratio Lower Upper
 149 100
 150 8.0 6.0 9.0
 104 4.3 3.5 5.3





#75
Fluoranthene
Concen: 42.501 ng
RT: 12.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

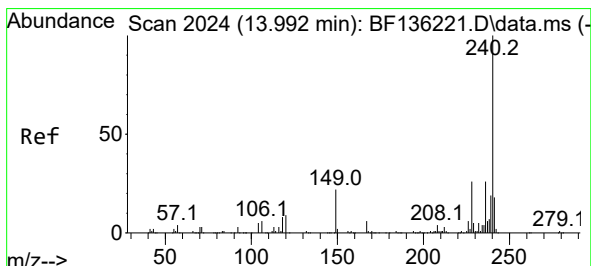
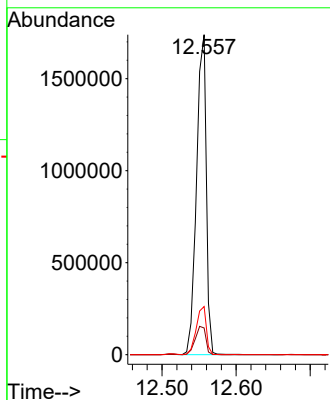
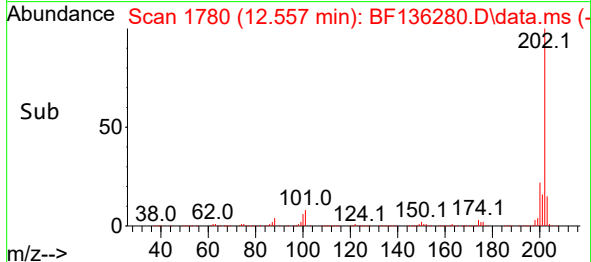
Instrument :
BNA_F
ClientSampleId :
PB157160BS



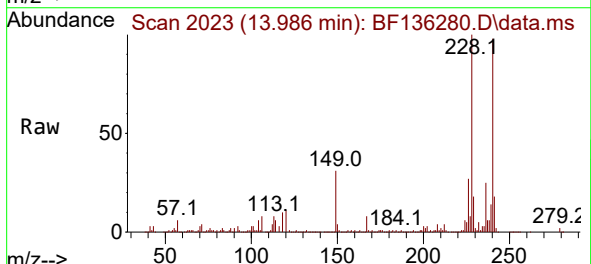
Tgt Ion:202 Resp: 1584720
Ion Ratio Lower Upper
202 100
101 8.4 0.0 27.8
203 15.1 0.0 34.5

Manual Integrations
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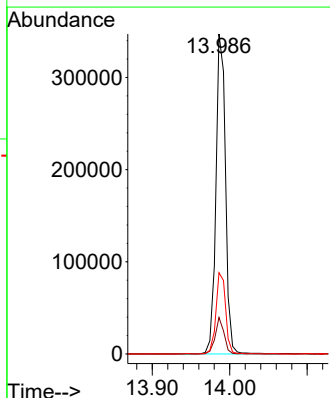
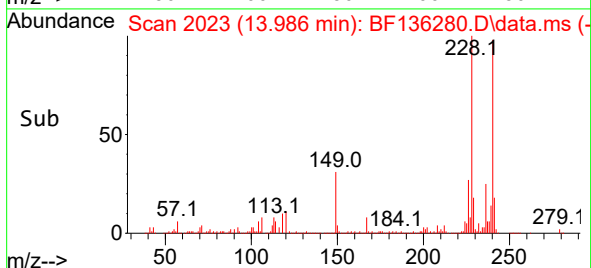
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

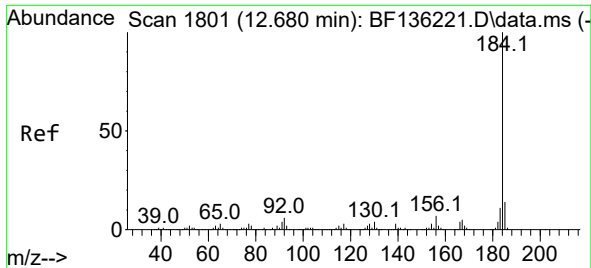


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21



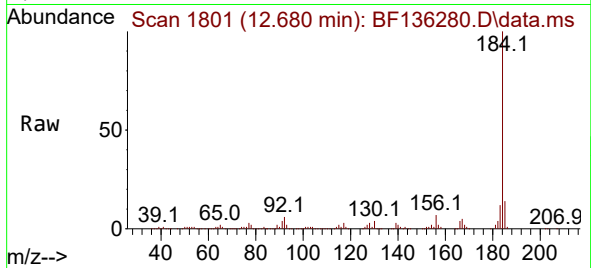
Tgt Ion:240 Resp: 298292
Ion Ratio Lower Upper
240 100
120 11.4 7.4 11.2#
236 25.4 21.1 31.7





#77
Benzidine
Concen: 42.546 ng
RT: 12.680 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

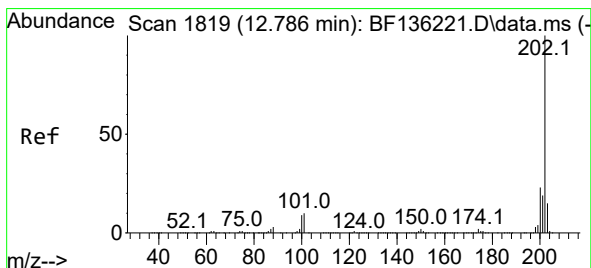
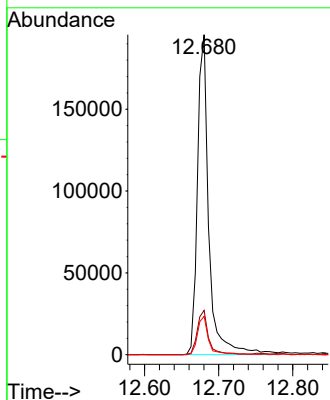
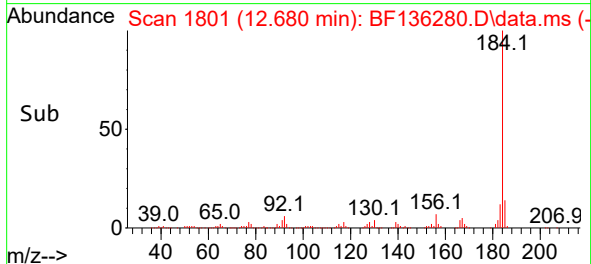
Instrument :
BNA_F
ClientSampleId :
PB157160BS



Tgt Ion:184 Resp: 208619
Ion Ratio Lower Upper
184 100
185 13.8 11.0 16.6
183 12.0 9.0 13.4

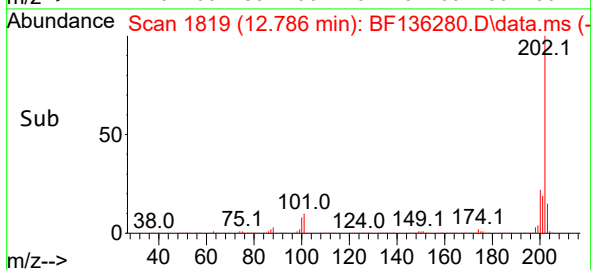
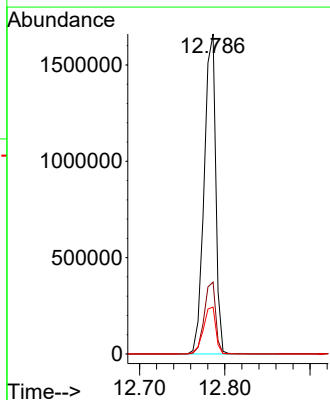
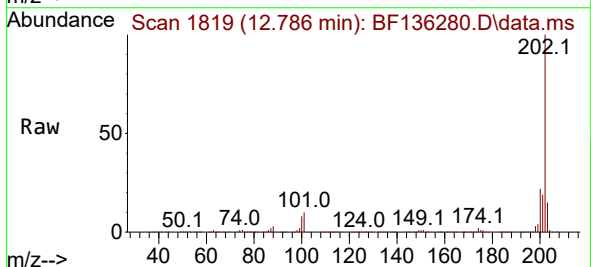
Manual Integrations
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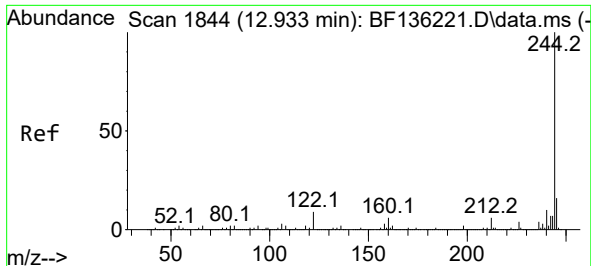
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#78
Pyrene
Concen: 47.769 ng
RT: 12.786 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

Tgt Ion:202 Resp: 1560510
Ion Ratio Lower Upper
202 100
200 22.5 18.4 27.6
203 14.7 11.8 17.6





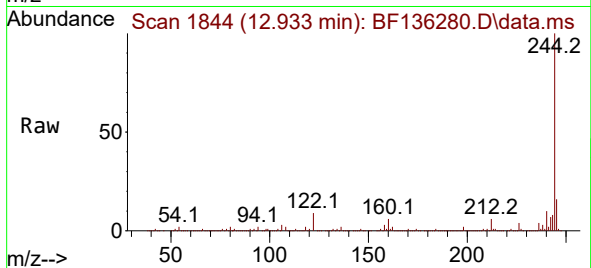
#79
 Terphenyl-d14
 Concen: 92.639 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: BF136280.D
 Acq: 29 Nov 2023 13:21

Instrument :

BNA_F

ClientSampleId :

PB157160BS

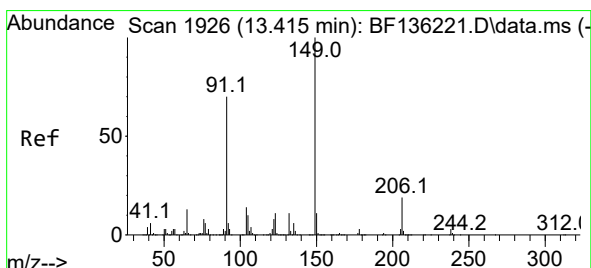
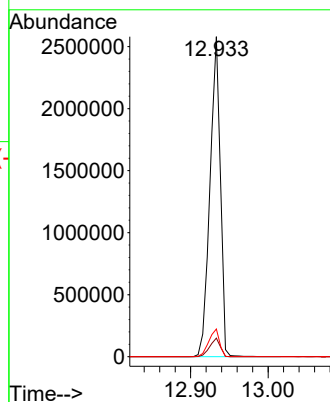
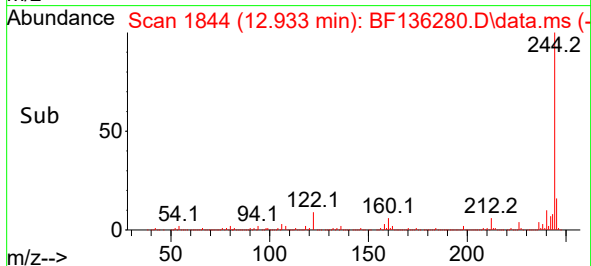


Tgt Ion:244 Resp: 239564
 Ion Ratio Lower Upper
 244 100
 212 5.8 4.6 7.0
 122 8.7 7.3 10.9

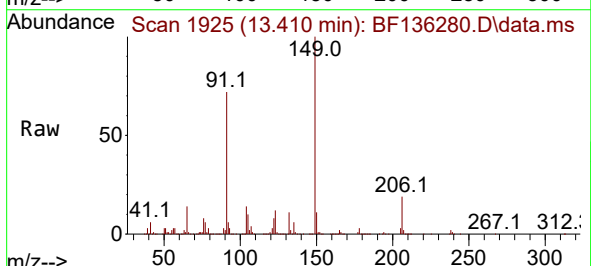
Manual Integrations

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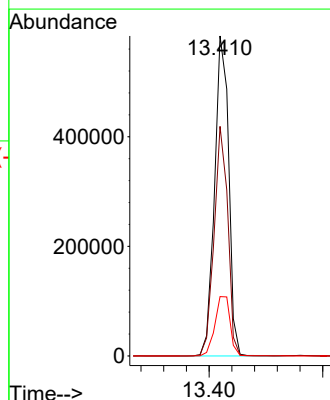
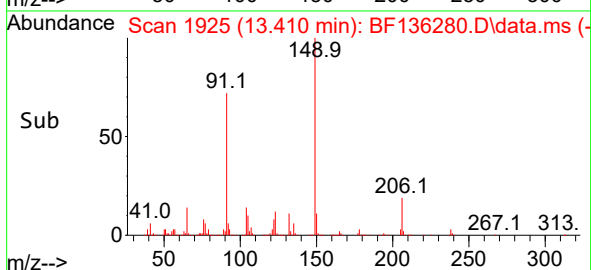
Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :mohammad ahmed 12/01/2023

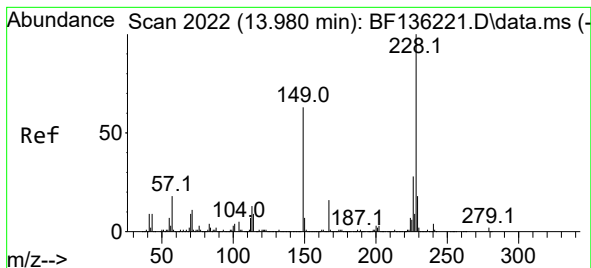


#80
 Butylbenzylphthalate
 Concen: 49.570 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF136280.D
 Acq: 29 Nov 2023 13:21



Tgt Ion:149 Resp: 503982
 Ion Ratio Lower Upper
 149 100
 91 71.7 56.4 84.6
 206 18.6 14.8 22.2





#81

Benzo(a)anthracene

Concen: 45.439 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

Instrument :

BNA_F

ClientSampleId :

PB157160BS

Tgt Ion:228 Resp: 1006750

Ion Ratio Lower Upper

228 100

226 27.9 22.6 34.0

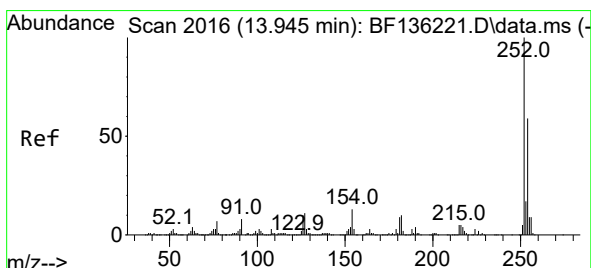
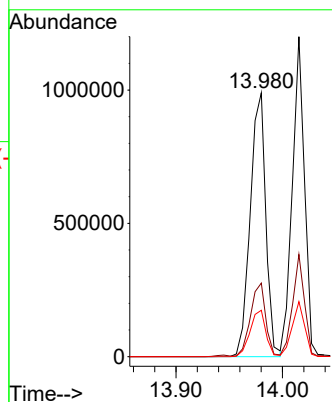
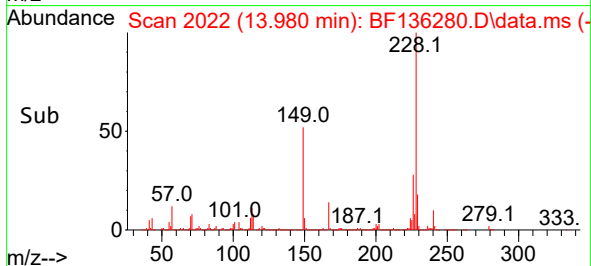
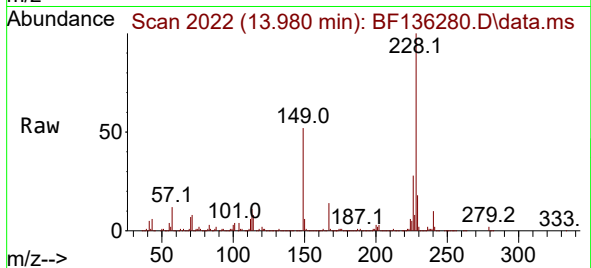
229 17.6 14.0 21.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#82

3,3'-Dichlorobenzidine

Concen: 58.171 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

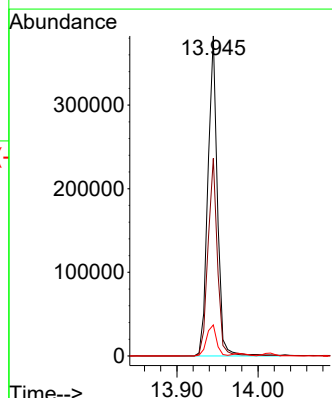
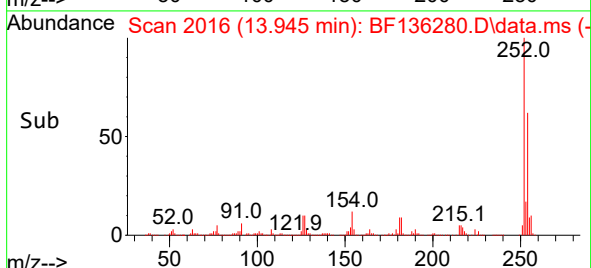
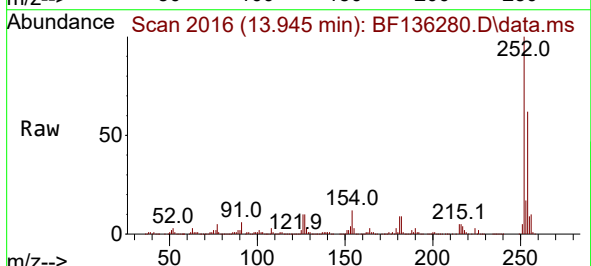
Tgt Ion:252 Resp: 310244

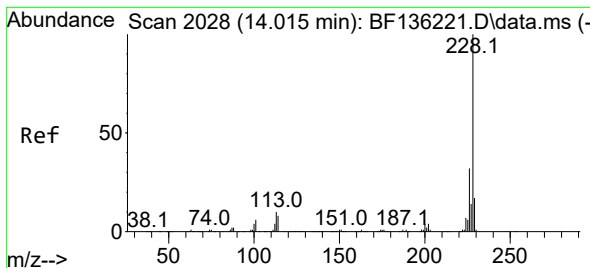
Ion Ratio Lower Upper

252 100

254 61.7 47.4 71.2

126 9.7 8.3 12.5





#83

Chrysene

Concen: 44.996 ng

RT: 14.015 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

Instrument :

BNA_F

ClientSampleId :

PB157160BS

Tgt Ion:228 Resp: 962590

Ion Ratio Lower Upper

228 100

226 31.9 25.5 38.3

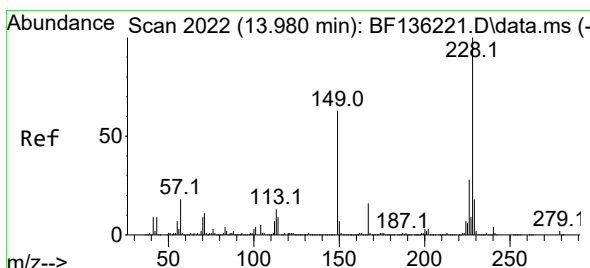
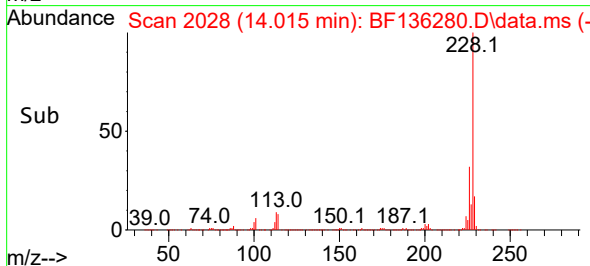
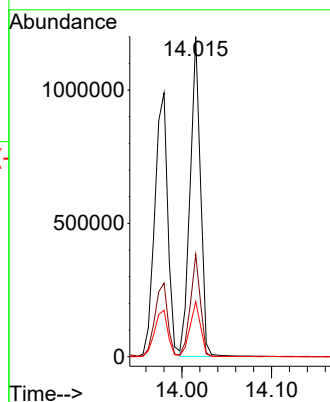
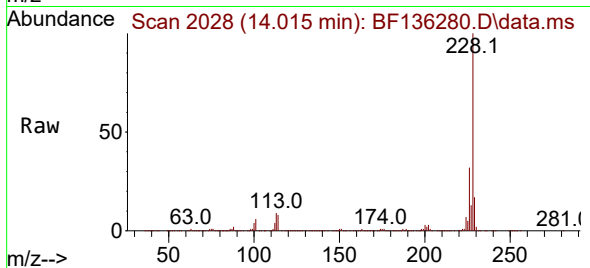
229 17.2 13.9 20.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.847 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

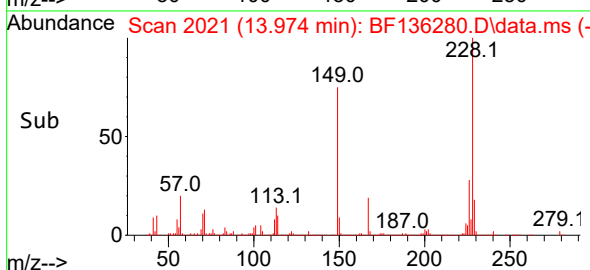
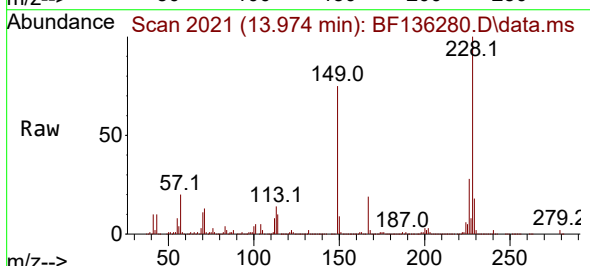
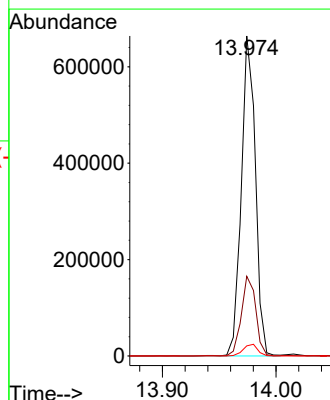
Tgt Ion:149 Resp: 571624

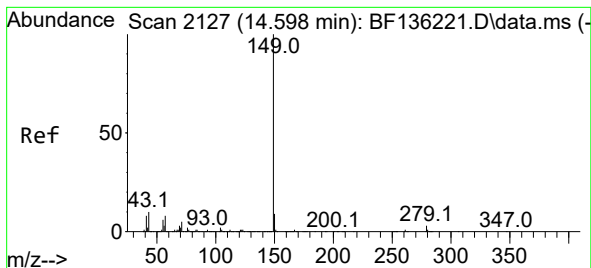
Ion Ratio Lower Upper

149 100

167 24.9 20.2 30.2

279 3.2 2.4 3.6





#85

Di-n-octyl phthalate

Concen: 48.191 ng

RT: 14.592 min Scan# 2127

Delta R.T. -0.006 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

Instrument :

BNA_F

ClientSampleId :

PB157160BS

Tgt Ion:149 Resp: 95546

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

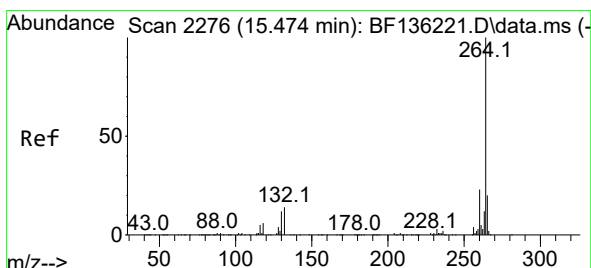
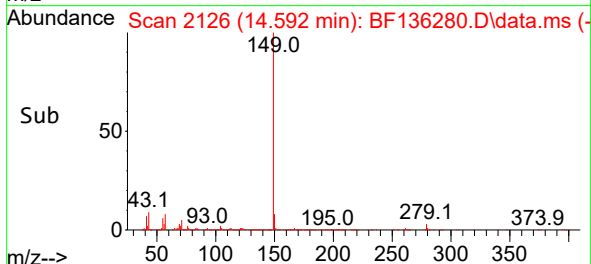
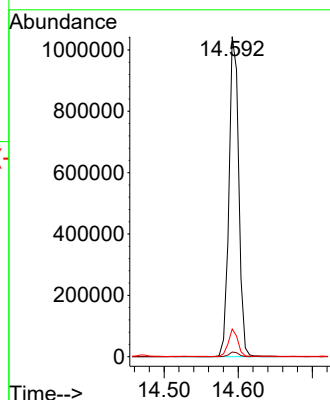
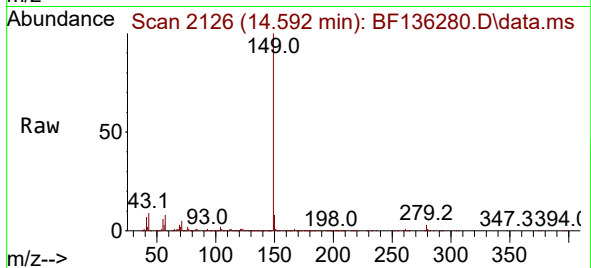
43 8.5 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BF136280.D

Acq: 29 Nov 2023 13:21

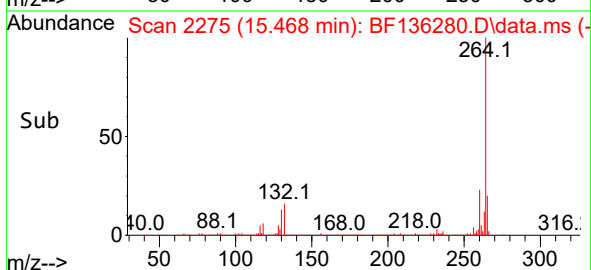
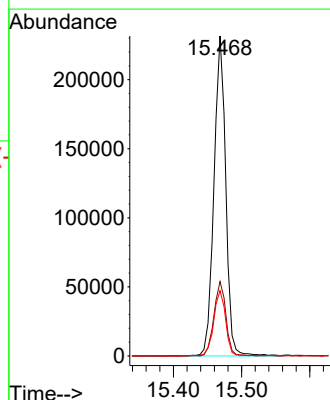
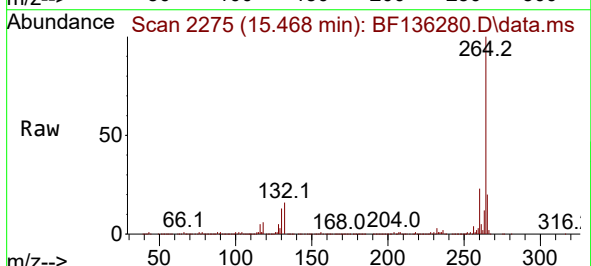
Tgt Ion:264 Resp: 278549

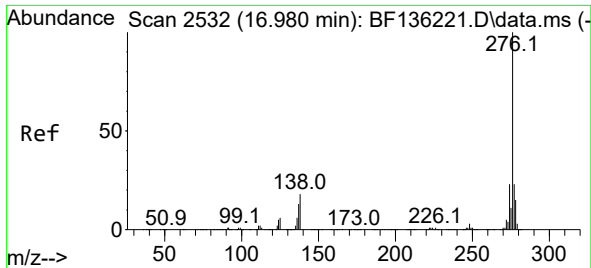
Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 20.4 15.7 23.5





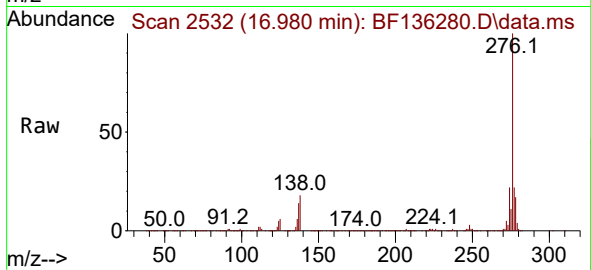
#87
Indeno(1,2,3-cd)pyrene
Concen: 47.627 ng
RT: 16.980 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

Instrument :

BNA_F

ClientSampleId :

PB157160BS

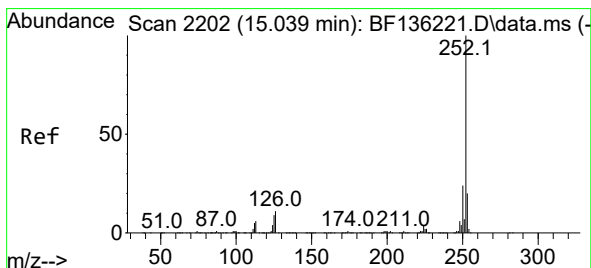
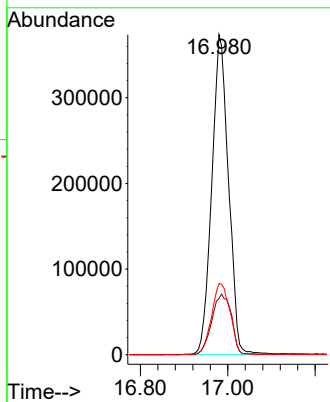
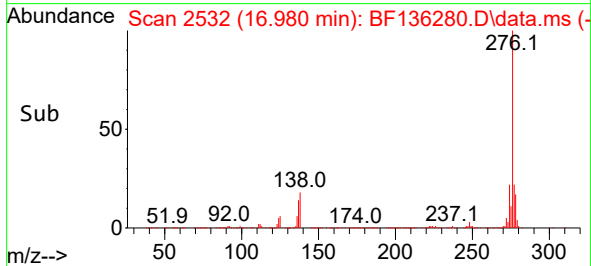


Tgt Ion:276 Resp: 991184
Ion Ratio Lower Upper
276 100
138 22.2 17.7 26.5
277 24.6 19.6 29.4

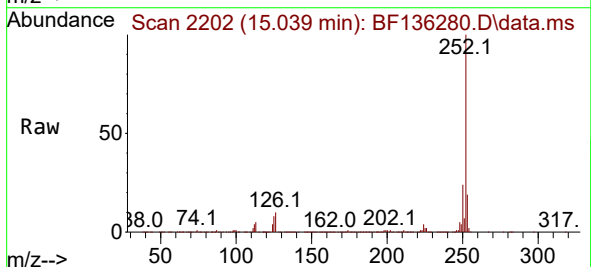
Manual Integrations

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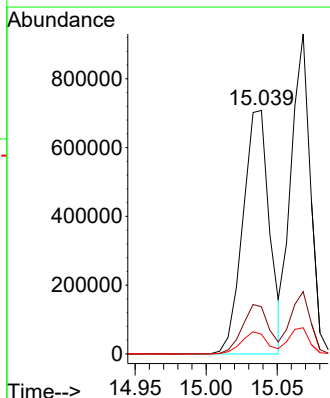
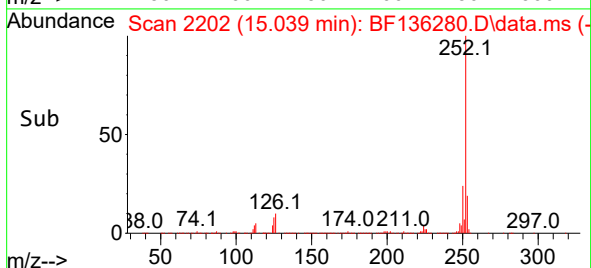
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

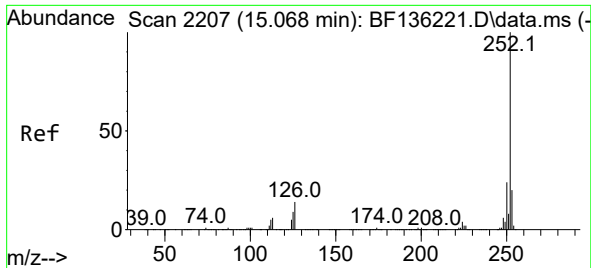


#88
Benzo(b)fluoranthene
Concen: 47.270 ng
RT: 15.039 min Scan# 2202
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21



Tgt Ion:252 Resp: 923779
Ion Ratio Lower Upper
252 100
253 19.4 16.2 24.2
125 8.1 6.9 10.3





#89
Benzo(k)fluoranthene
Concen: 47.877 ng
RT: 15.068 min Scan# 2207
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

Instrument :

BNA_F

ClientSampleId :

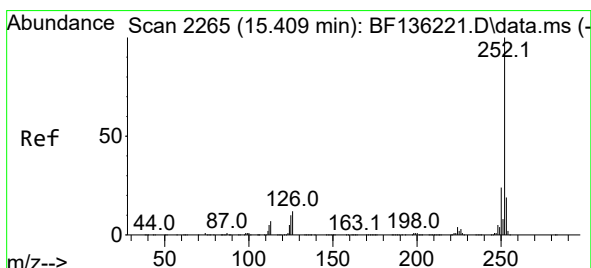
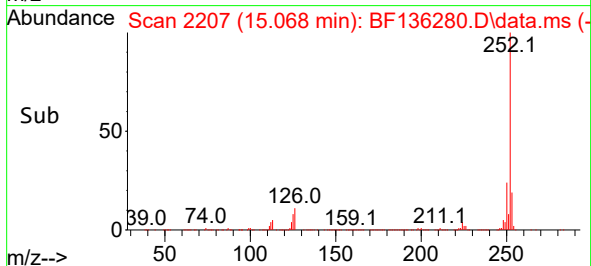
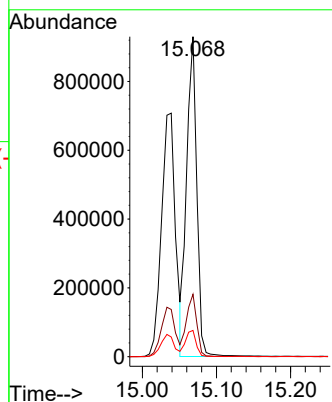
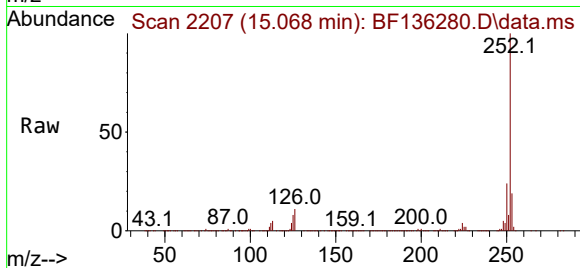
PB157160BS

Tgt Ion:252 Resp: 888639
Ion Ratio Lower Upper
252 100
253 19.5 15.6 23.4
125 8.2 7.0 10.4

Manual Integrations

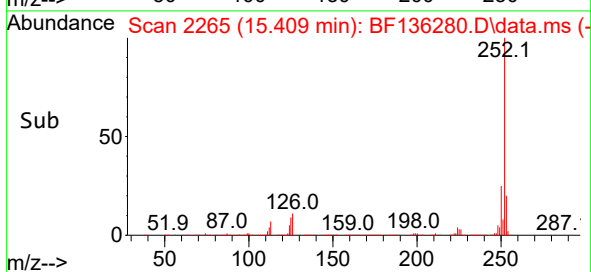
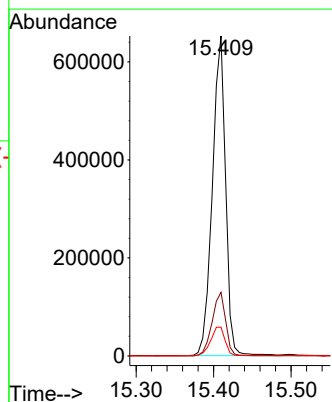
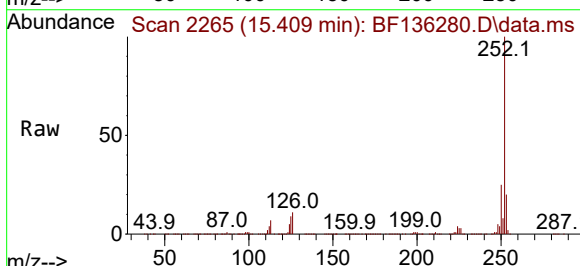
APPROVED

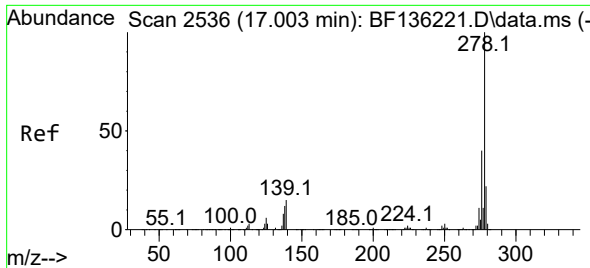
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#90
Benzo(a)pyrene
Concen: 48.467 ng
RT: 15.409 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

Tgt Ion:252 Resp: 774284
Ion Ratio Lower Upper
252 100
253 19.9 15.5 23.3
125 9.0 7.9 11.9





#91
Dibenzo(a,h)anthracene
Concen: 48.317 ng
RT: 17.003 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

Instrument :

BNA_F

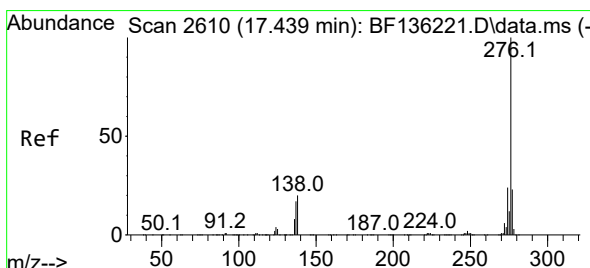
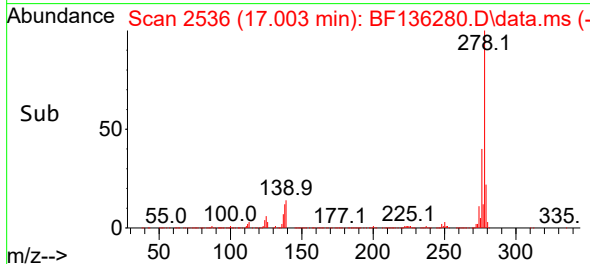
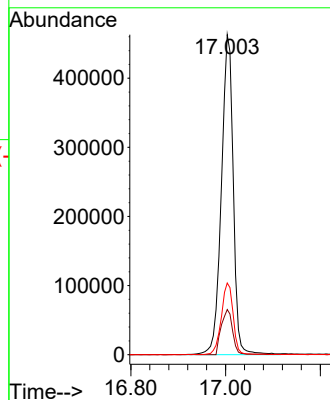
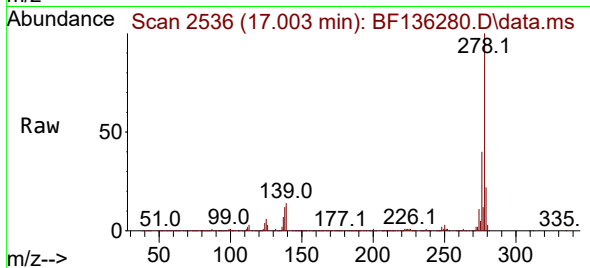
ClientSampleId :

PB157160BS

Tgt Ion:278 Resp: 80774
Ion Ratio Lower Upper
278 100
139 14.1 11.7 17.5
279 22.4 17.8 26.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#92
Benzo(g,h,i)perylene
Concen: 46.818 ng
RT: 17.445 min Scan# 2611
Delta R.T. 0.006 min
Lab File: BF136280.D
Acq: 29 Nov 2023 13:21

Tgt Ion:276 Resp: 784260
Ion Ratio Lower Upper
276 100
277 22.3 18.6 27.8
138 19.0 15.8 23.8

