

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
 Data File : BF136276.D
 Acq On : 29 Nov 2023 11:14
 Operator : CG\JU
 Sample : PB156824BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156824BS

Manual Integrations
 APPROVED

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

Quant Time: Nov 29 11:45:24 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	6.810	152	151926	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	677109	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	345184	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	671325	20.000	ng	0.00
76) Chrysene-d12	13.992	240	314895	20.000	ng	0.00
86) Perylene-d12	15.474	264	275800	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1450044	132.844	ng	0.02
7) Phenol-d6	6.451	99	1777241	130.217	ng	0.00
23) Nitrobenzene-d5	7.375	82	1088822	84.974	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	591153	140.078	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	2253221	83.377	ng	0.00
79) Terphenyl-d14	12.933	244	2591131	94.915	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.693	88	159024	38.504	ng	99
3) Pyridine	3.446	79	359087	35.221	ng	97
4) n-Nitrosodimethylamine	3.410	42	214701	41.661	ng	95
6) Aniline	6.475	93	532471	41.277	ng	99
8) 2-Chlorophenol	6.598	128	551762	46.425	ng	93
9) Benzaldehyde	6.357	77	86560	11.379	ng	96
10) Phenol	6.463	94	665432	45.446	ng	93
11) bis(2-Chloroethyl)ether	6.551	93	492933	45.890	ng	97
12) 1,3-Dichlorobenzene	6.751	146	577759	42.836	ng	99
13) 1,4-Dichlorobenzene	6.828	146	593380	43.276	ng	99
14) 1,2-Dichlorobenzene	6.975	146	557931	42.982	ng	98
15) Benzyl Alcohol	6.957	79	447469	46.762	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.086	45	670709	44.953	ng	99
17) 2-Methylphenol	7.063	107	439325	47.018	ng	98
18) Hexachloroethane	7.316	117	203424	42.297	ng	94
19) n-Nitroso-di-n-propyla...	7.228	70	367903	45.071	ng	98
20) 3+4-Methylphenols	7.216	107	551183	45.389	ng	90
22) Acetophenone	7.222	105	780058	43.865	ng	# 95
24) Nitrobenzene	7.392	77	540946	41.659	ng	97
25) Isophorone	7.628	82	1013620	43.871	ng	99
26) 2-Nitrophenol	7.704	139	270254	48.848	ng	99
27) 2,4-Dimethylphenol	7.745	122	460121	63.185	ng	97
28) bis(2-Chloroethoxy)met...	7.839	93	623786	44.634	ng	99
29) 2,4-Dichlorophenol	7.945	162	456988	46.526	ng	96
30) 1,2,4-Trichlorobenzene	8.028	180	507355	42.190	ng	98
31) Naphthalene	8.110	128	1656472	43.524	ng	99
32) Benzoic acid	7.886	122	344284	51.876	ng	97
33) 4-Chloroaniline	8.157	127	455048	35.175	ng	99
34) Hexachlorobutadiene	8.222	225	285813	40.625	ng	98
35) Caprolactam	8.539	113	135215m	49.244	ng	
36) 4-Chloro-3-methylphenol	8.645	107	480756	45.129	ng	98
37) 2-Methylnaphthalene	8.798	142	1044631	43.756	ng	98
38) 1-Methylnaphthalene	8.898	142	968105	41.568	ng	97
40) 1,2,4,5-Tetrachloroben...	8.969	216	493086	44.885	ng	98
41) Hexachlorocyclopentadiene	8.951	237	562732	133.126	ng	97
43) 2,4,6-Trichlorophenol	9.080	196	328001	46.001	ng	95

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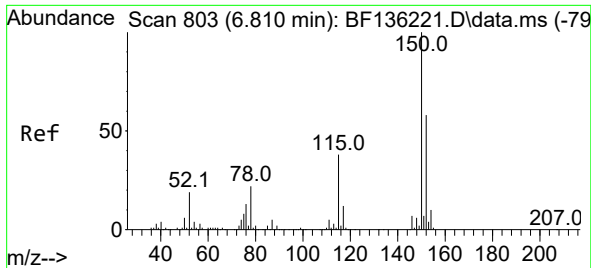
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	344799	44.311	ng	98
46) 1,1'-Biphenyl	9.269	154	1358431	44.626	ng	99
47) 2-Chloronaphthalene	9.292	162	1020260	43.160	ng	100
48) 2-Nitroaniline	9.392	65	289215	46.860	ng	87
49) Acenaphthylene	9.710	152	1553014	46.036	ng	100
50) Dimethylphthalate	9.575	163	1204280	46.159	ng	100
51) 2,6-Dinitrotoluene	9.633	165	247495	46.435	ng	97
52) Acenaphthene	9.880	154	960154	45.038	ng	100
53) 3-Nitroaniline	9.804	138	214344	40.530	ng	98
54) 2,4-Dinitrophenol	9.916	184	275531	111.152	ng	92
55) Dibenzofuran	10.057	168	1435722	45.258	ng	96
56) 4-Nitrophenol	9.975	139	380360	94.696	ng	95
57) 2,4-Dinitrotoluene	10.045	165	339340	47.663	ng	97
58) Fluorene	10.398	166	1099876	44.202	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	299970	48.451	ng	99
60) Diethylphthalate	10.280	149	1187183	45.490	ng	99
61) 4-Chlorophenyl-phenyle...	10.392	204	534767	44.254	ng	99
62) 4-Nitroaniline	10.427	138	242234	46.794	ng	97
63) Azobenzene	10.551	77	1074931	44.428	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	183966	50.112	ng	96
66) n-Nitrosodiphenylamine	10.516	169	979804	45.544	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	344937	44.042	ng	99
68) Hexachlorobenzene	10.945	284	393147	43.372	ng	94
69) Atrazine	11.045	200	196776	30.833	ng	99
70) Pentachlorophenol	11.145	266	422529	82.464	ng	98
71) Phenanthrene	11.363	178	1731755	45.897	ng	100
72) Anthracene	11.416	178	1745119	46.121	ng	99
73) Carbazole	11.574	167	1456370	45.255	ng	99
74) Di-n-butylphthalate	11.910	149	1883166	46.768	ng	99
75) Fluoranthene	12.557	202	1700470	44.394	ng	99
77) Benzidine	12.680	184	229491	44.335	ng	99
78) Pyrene	12.786	202	1673867	48.537	ng	99
80) Butylbenzylphthalate	13.415	149	546398	50.908	ng	94
81) Benzo(a)anthracene	13.980	228	1039622	44.448	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	305863	54.326	ng	97
83) Chrysene	14.021	228	1004727	44.490	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	607831	47.188	ng	# 99
85) Di-n-octyl phthalate	14.598	149	944123	45.438	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	959761	46.636	ng	100
88) Benzo(b)fluoranthene	15.039	252	892238	46.111	ng	99
89) Benzo(k)fluoranthene	15.068	252	885918	48.206	ng	100
90) Benzo(a)pyrene	15.409	252	756574	47.830	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	794141	47.996	ng	99
92) Benzo(g,h,i)perylene	17.445	276	768085	46.330	ng	100

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



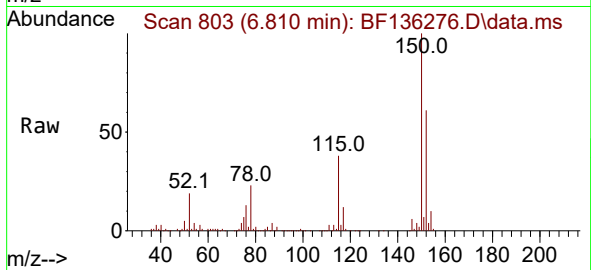
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF136276.D
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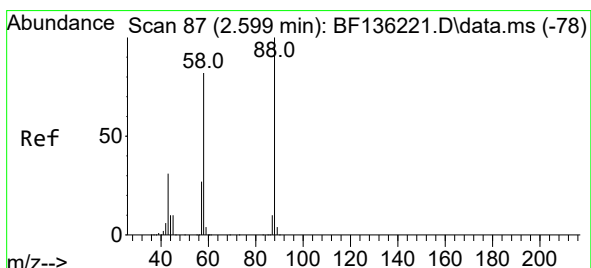
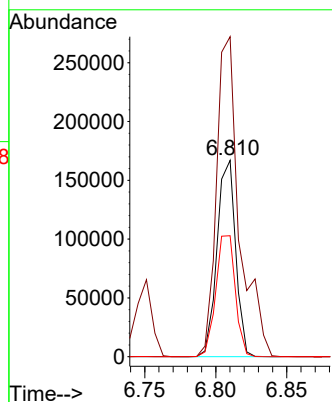
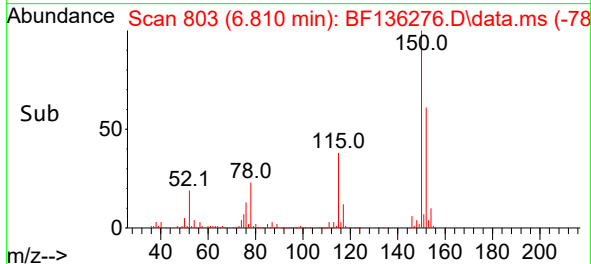


Tgt Ion: 152 Resp: 151920
Ion Ratio Lower Upper
152 100
150 163.0 137.8 206.8
115 61.6 52.7 79.1

Manual Integrations

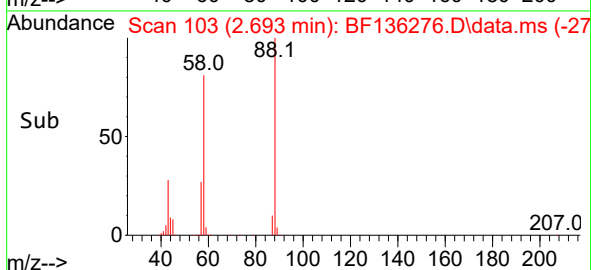
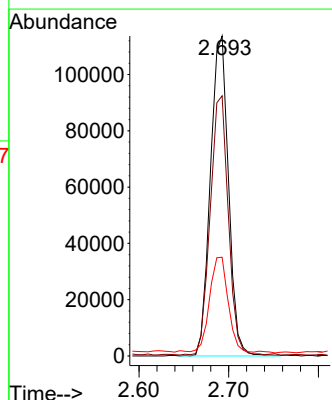
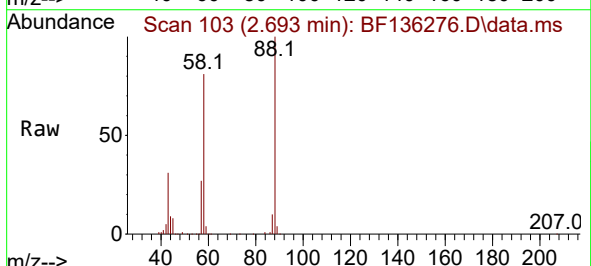
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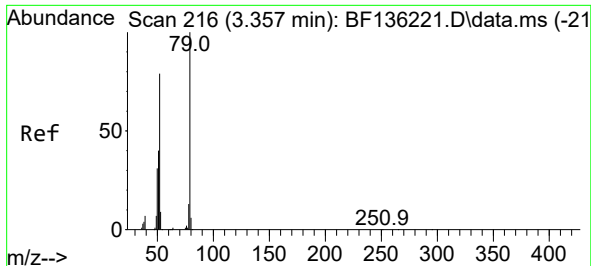
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#2
1,4-Dioxane
Concen: 38.504 ng
RT: 2.693 min Scan# 103
Delta R.T. 0.094 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

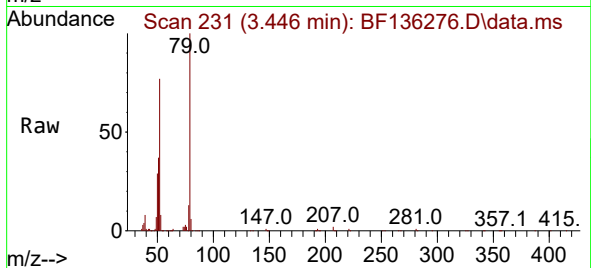
Tgt Ion: 88 Resp: 159024
Ion Ratio Lower Upper
88 100
58 81.0 65.9 98.9
43 30.4 24.8 37.2





#3
Pyridine
Concen: 35.221 ng
RT: 3.446 min Scan# 216
Delta R.T. 0.088 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

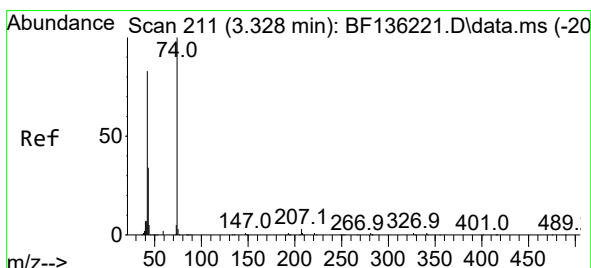
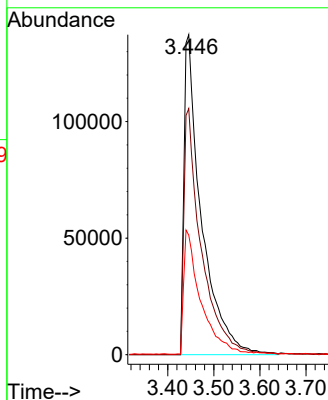
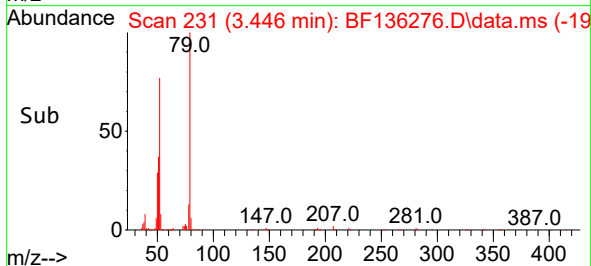
Instrument :
BNA_F
ClientSampleId :
PB156824BS



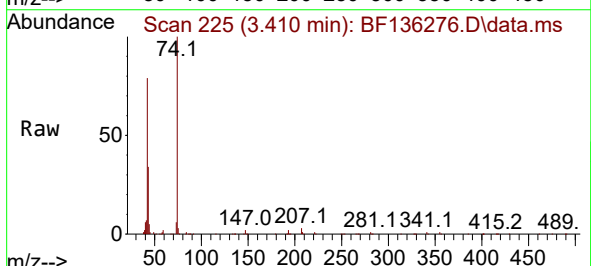
Tgt Ion: 79 Resp: 35908
Ion Ratio Lower Upper
79 100
52 76.9 63.2 94.8
51 37.3 32.6 49.0

Manual Integrations
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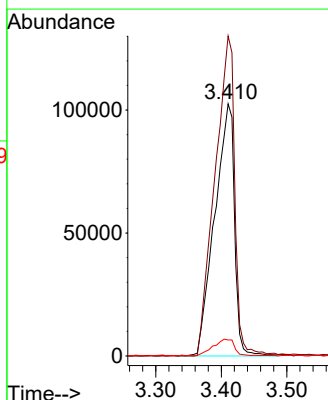
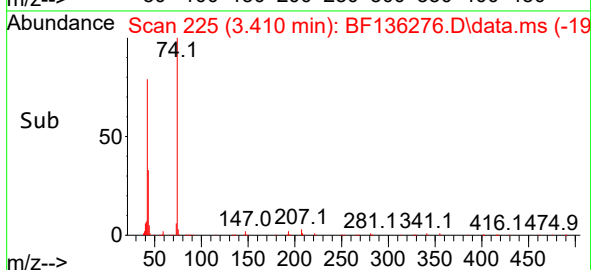
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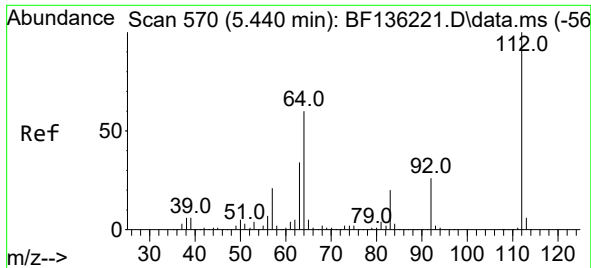


#4
n-Nitrosodimethylamine
Concen: 41.661 ng
RT: 3.410 min Scan# 225
Delta R.T. 0.082 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14



Tgt Ion: 42 Resp: 214701
Ion Ratio Lower Upper
42 100
74 126.9 96.6 144.8
44 6.3 5.4 8.2





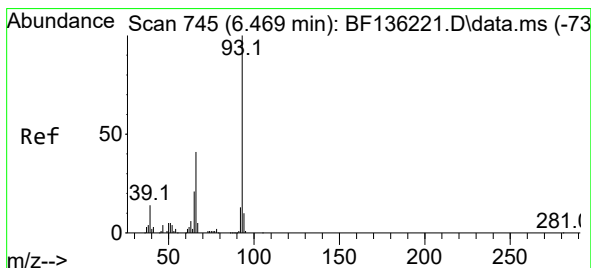
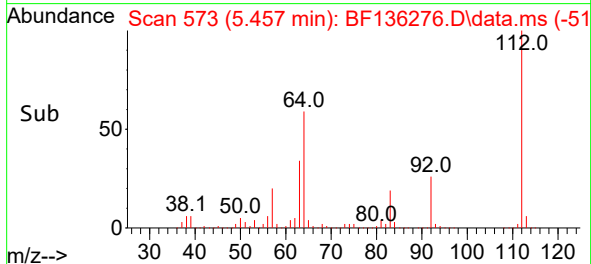
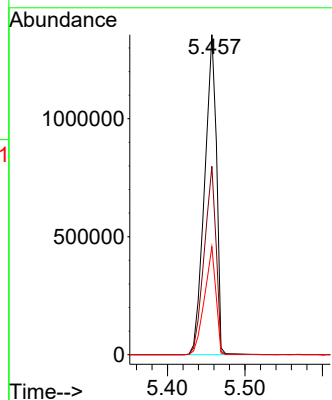
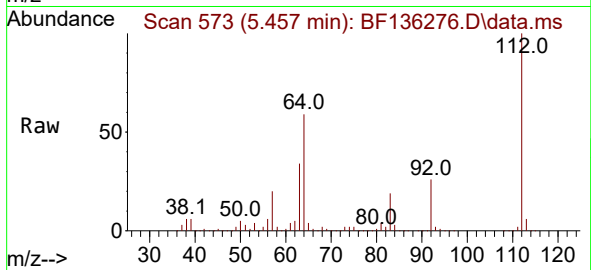
#5
2-Fluorophenol
Concen: 132.844 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Instrument :
BNA_F
ClientSampleId :
PB156824BS

Tgt Ion:112 Resp: 145004
Ion Ratio Lower Upper
112 100
64 58.9 48.2 72.4
63 33.7 27.0 40.6

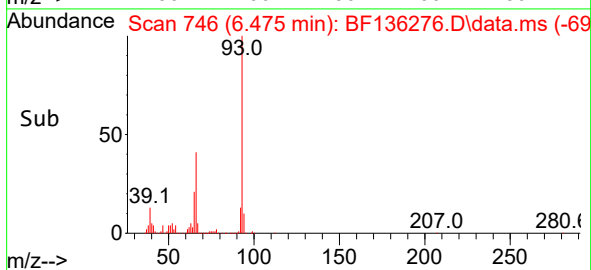
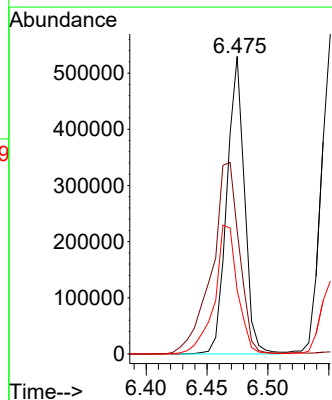
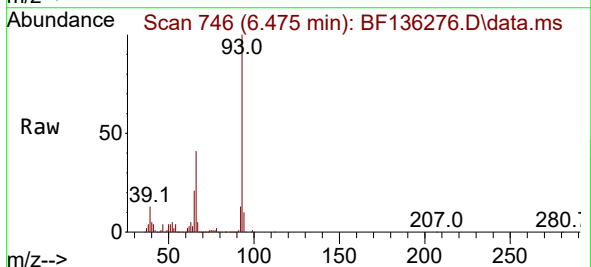
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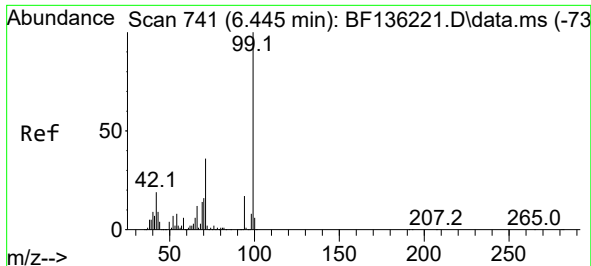
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#6
Aniline
Concen: 41.277 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Tgt Ion: 93 Resp: 532471
Ion Ratio Lower Upper
93 100
66 41.4 34.1 51.1
65 21.4 17.3 25.9





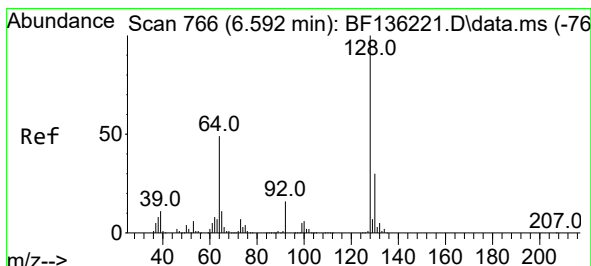
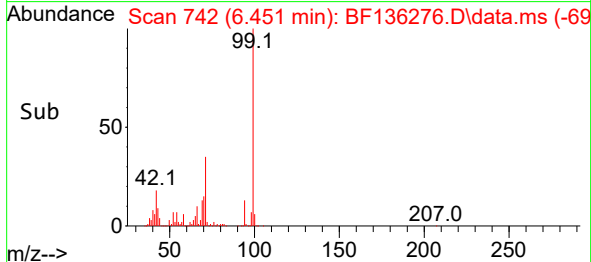
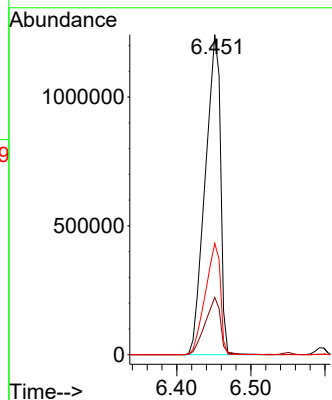
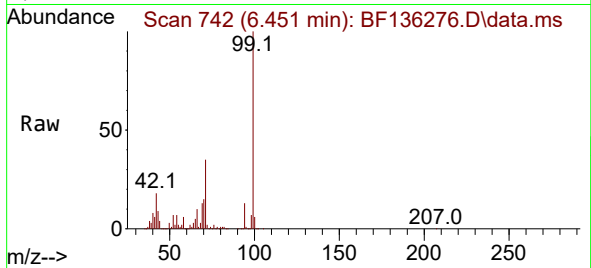
#7
Phenol-d6
Concen: 130.217 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Instrument :
BNA_F
ClientSampleId :
PB156824BS

Tgt Ion: 99 Resp: 177724
Ion Ratio Lower Upper
99 100
42 17.9 15.0 22.6
71 34.7 28.9 43.3

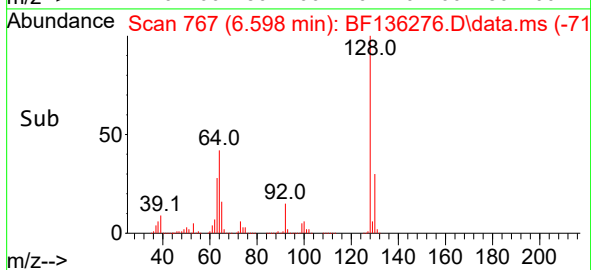
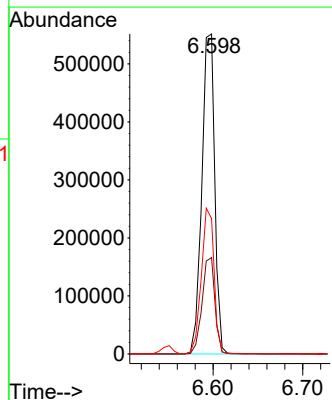
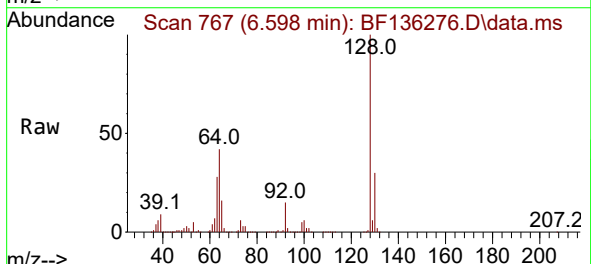
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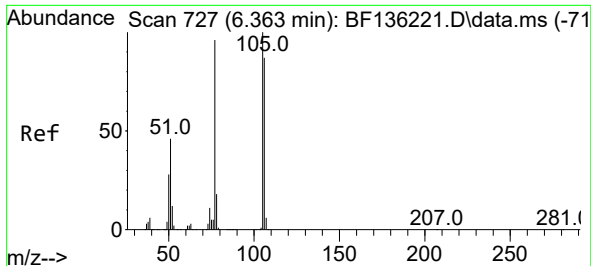
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#8
2-Chlorophenol
Concen: 46.425 ng
RT: 6.598 min Scan# 767
Delta R.T. 0.006 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

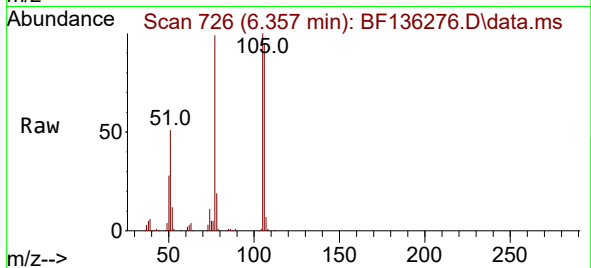
Tgt Ion:128 Resp: 551762
Ion Ratio Lower Upper
128 100
130 30.1 10.3 50.3
64 42.3 30.0 70.0





#9
Benzaldehyde
Concen: 11.379 ng
RT: 6.357 min Scan# 726
Delta R.T. -0.006 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

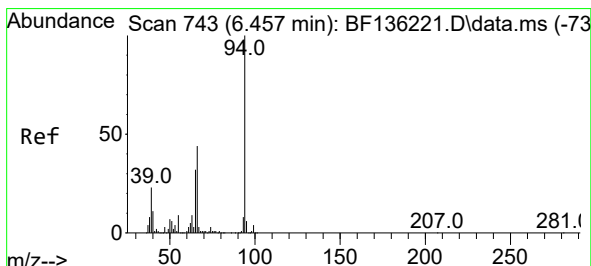
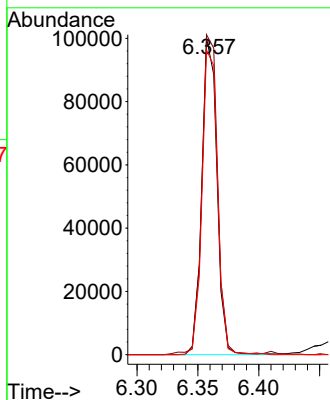
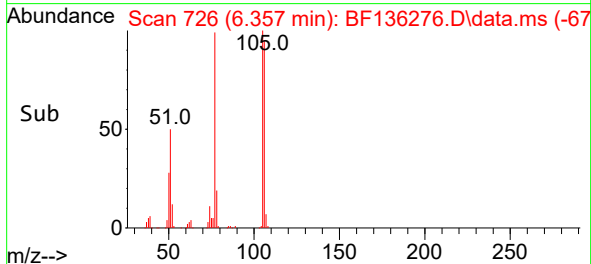
Instrument :
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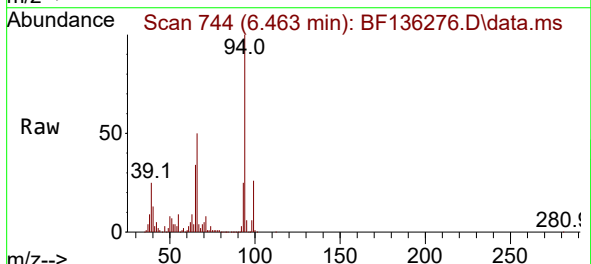
Tgt Ion: 77 Resp: 86560
Ion Ratio Lower Upper
77 100
105 100.9 84.3 124.3
106 96.1 71.0 111.0

Manual Integrations
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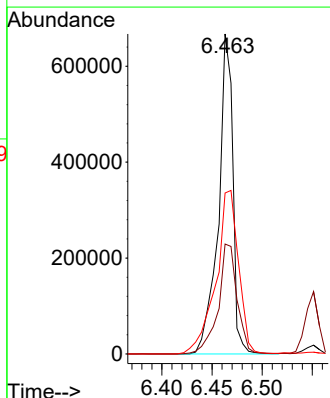
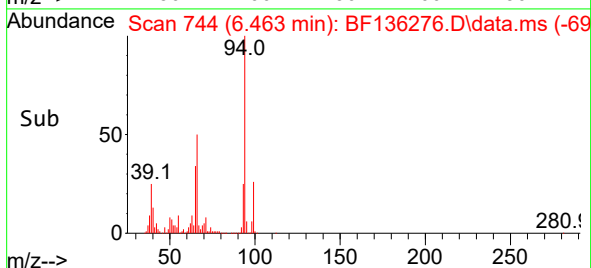
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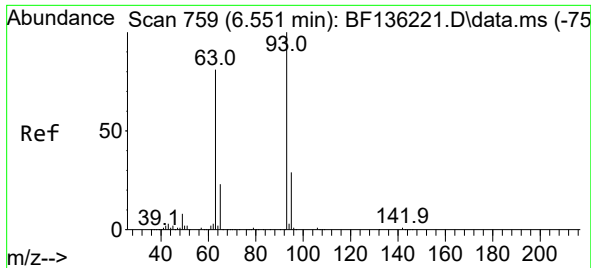


#10
Phenol
Concen: 45.446 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14



Tgt Ion: 94 Resp: 665432
Ion Ratio Lower Upper
94 100
65 34.4 12.5 52.5
66 50.3 24.1 64.1





#11
bis(2-Chloroethyl)ether
Concen: 45.890 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

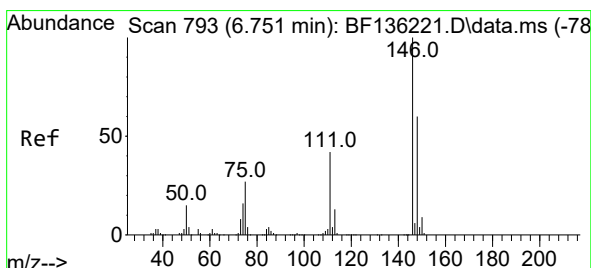
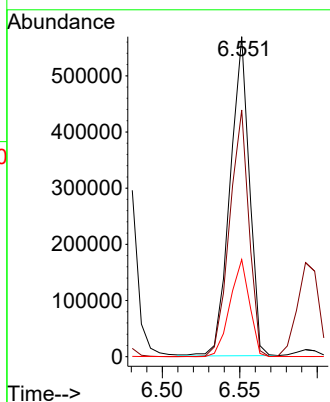
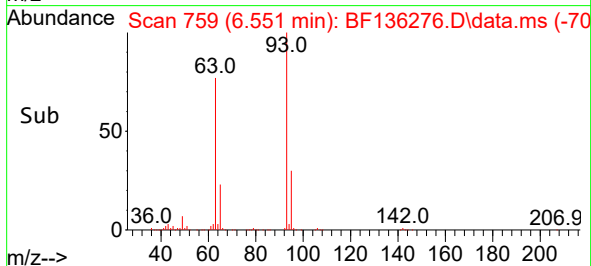
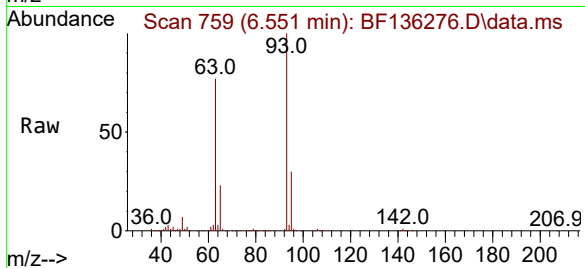
ClientSampleId :

PB156824BS

Tgt Ion: 93 Resp: 492933
Ion Ratio Lower Upper
93 100
63 77.1 60.2 100.2
95 30.4 9.1 49.1

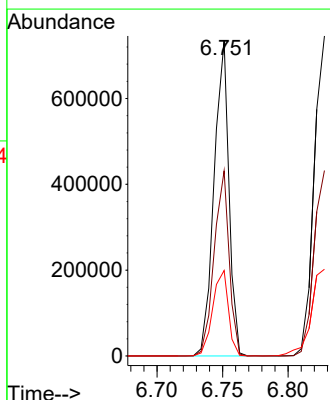
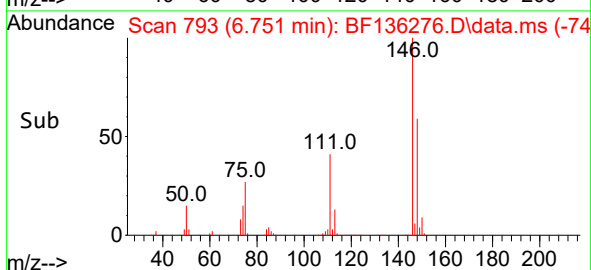
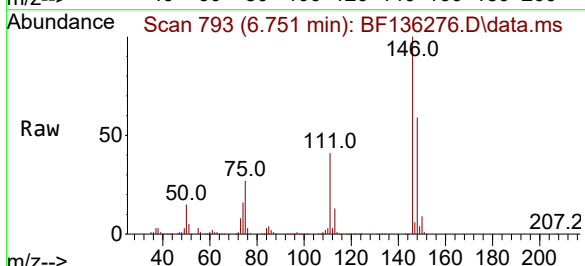
Manual Integrations
APPROVED

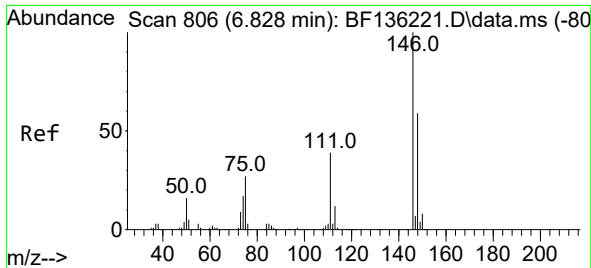
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#12
1,3-Dichlorobenzene
Concen: 42.836 ng
RT: 6.751 min Scan# 793
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Tgt Ion:146 Resp: 577759
Ion Ratio Lower Upper
146 100
148 58.7 47.8 71.6
75 27.1 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 43.276 ng

RT: 6.828 min Scan# 806

Delta R.T. 0.000 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156824BS

Tgt Ion:146 Resp: 593380

Ion Ratio Lower Upper

146 100

148 57.9 47.0 70.6

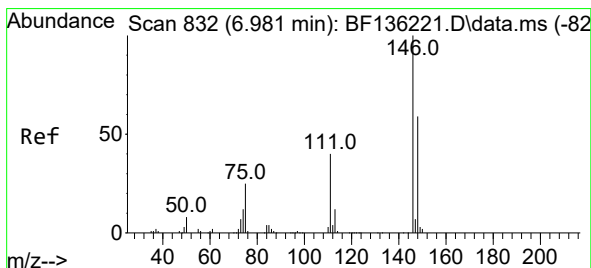
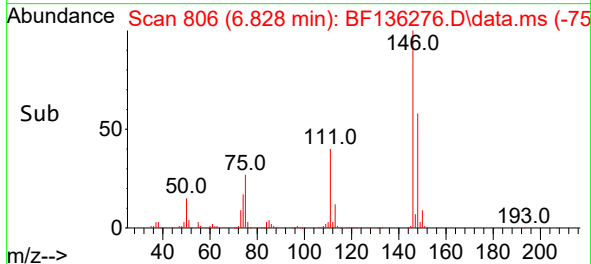
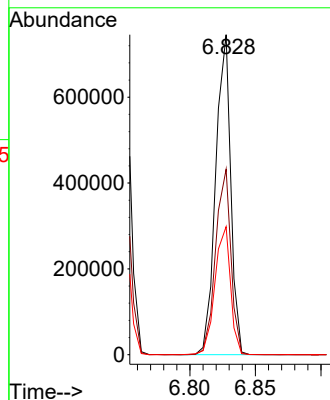
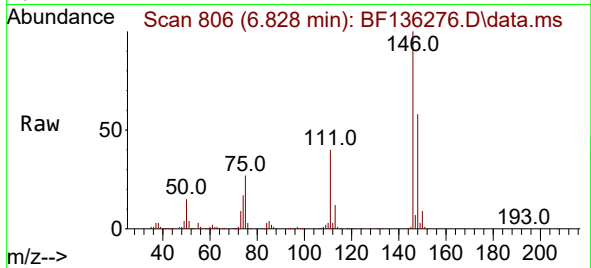
111 40.0 31.5 47.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#14

1,2-Dichlorobenzene

Concen: 42.982 ng

RT: 6.975 min Scan# 831

Delta R.T. -0.006 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

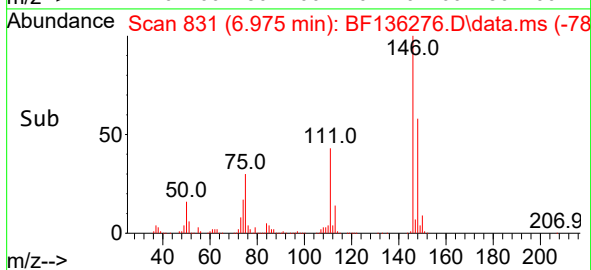
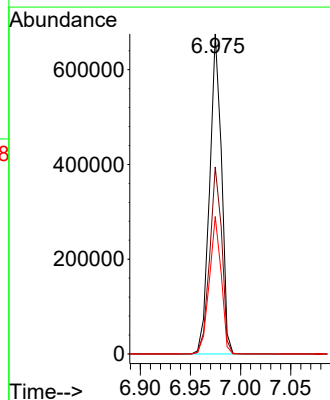
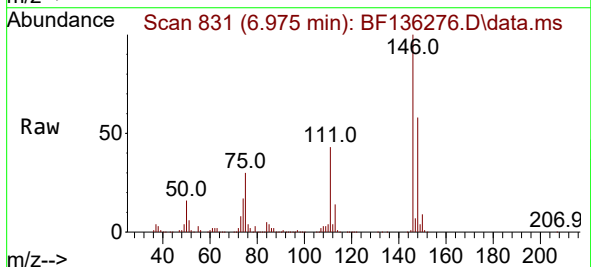
Tgt Ion:146 Resp: 557931

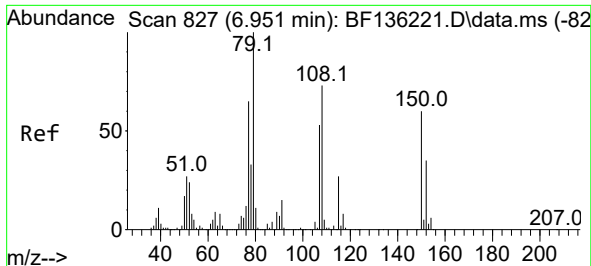
Ion Ratio Lower Upper

146 100

148 58.5 47.3 70.9

111 42.9 32.4 48.6





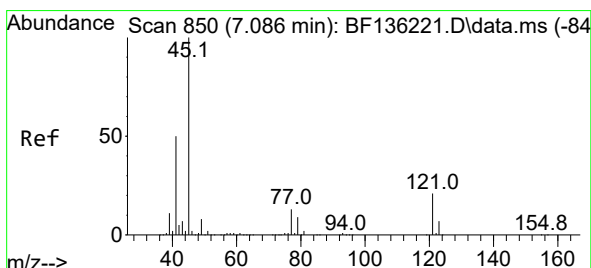
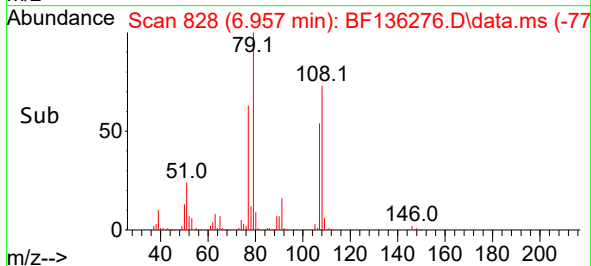
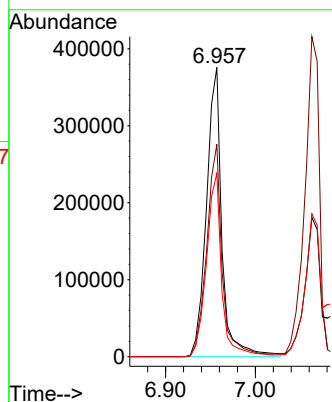
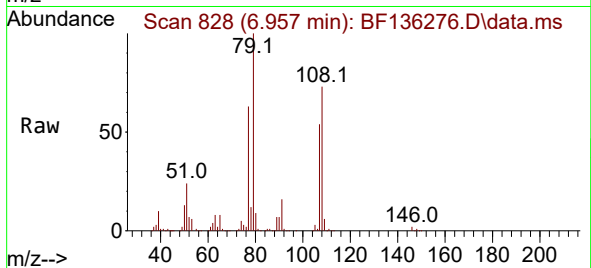
#15
Benzyl Alcohol
Concen: 46.762 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Instrument :
BNA_F
ClientSampleId :
PB156824BS

Tgt Ion: 79 Resp: 447469
Ion Ratio Lower Upper
79 100
108 73.4 58.1 87.1
77 63.4 51.8 77.8

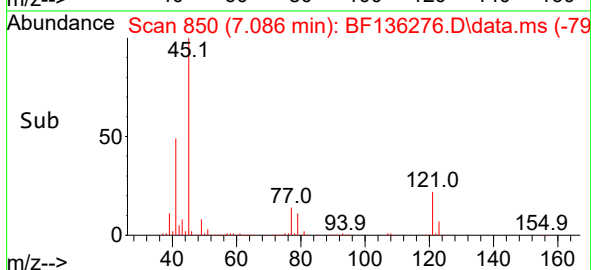
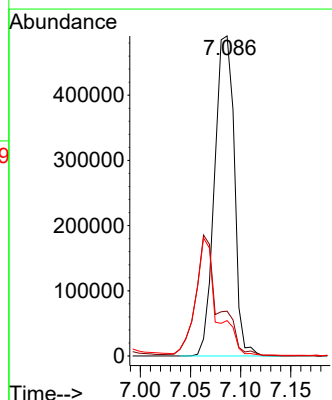
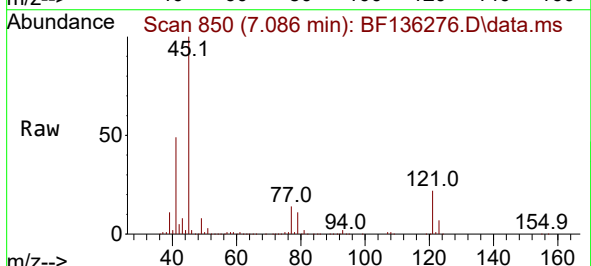
Manual Integrations
APPROVED

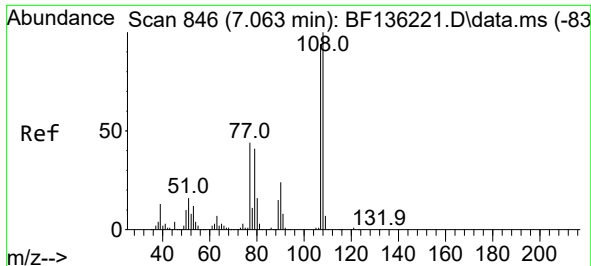
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.953 ng
RT: 7.086 min Scan# 850
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

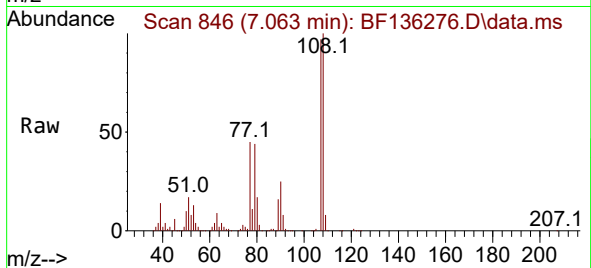
Tgt Ion: 45 Resp: 670709
Ion Ratio Lower Upper
45 100
77 14.0 0.0 34.0
79 11.0 0.0 30.1





#17
2-Methylphenol
Concen: 47.018 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

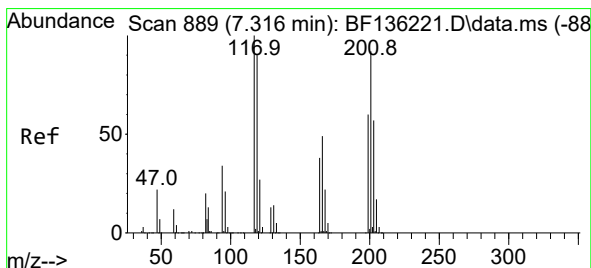
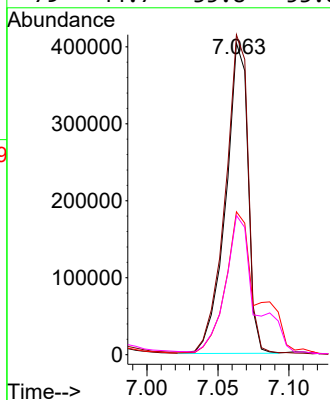
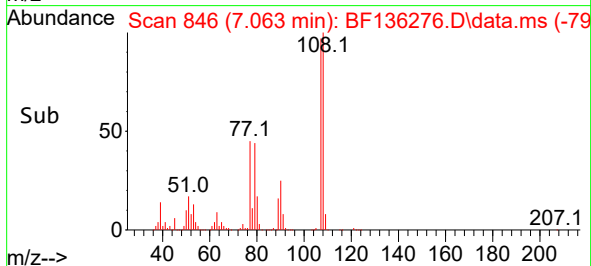
Instrument :
BNA_F
ClientSampleId :
PB156824BS



Tgt Ion:107 Resp: 439325
Ion Ratio Lower Upper
107 100
108 102.7 85.4 128.0
77 45.8 37.4 56.2
79 44.7 35.8 53.8

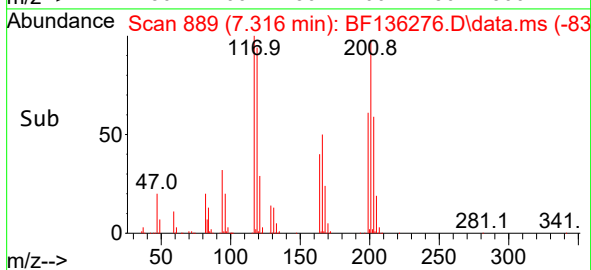
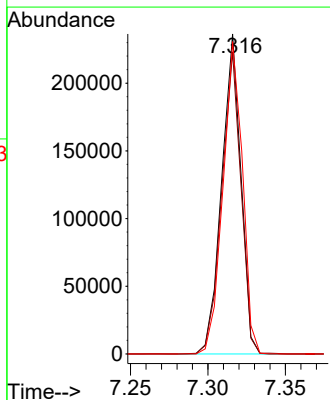
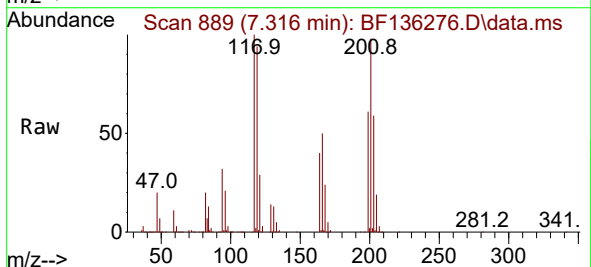
Manual Integrations
APPROVED

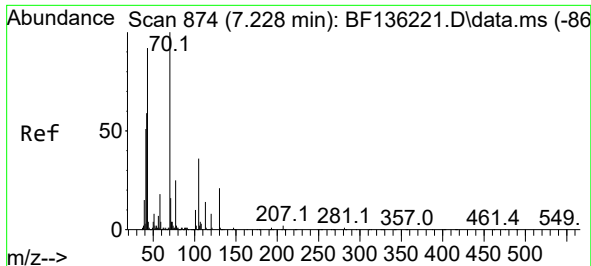
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#18
Hexachloroethane
Concen: 42.297 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

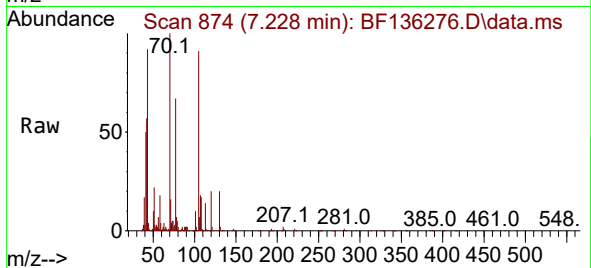
Tgt Ion:117 Resp: 203424
Ion Ratio Lower Upper
117 100
119 94.4 71.6 107.4
201 97.6 73.4 110.2





#19
n-Nitroso-di-n-propylamine
Concen: 45.071 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

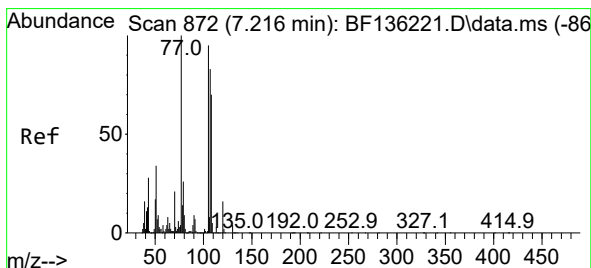
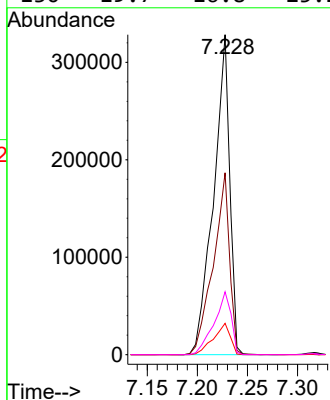
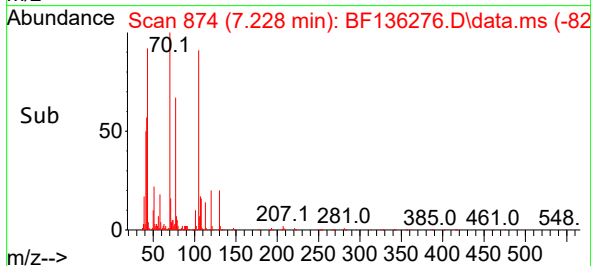
Instrument :
BNA_F
ClientSampleId :
PB156824BS



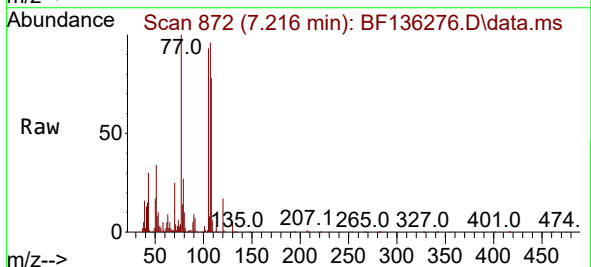
Tgt Ion: 70 Resp: 36790
Ion Ratio Lower Upper
70 100
42 56.8 47.0 70.4
101 9.8 7.8 11.8
130 19.7 16.8 25.2

Manual Integrations
APPROVED

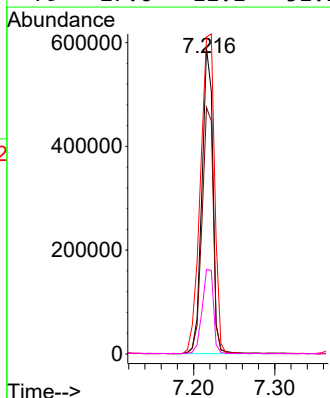
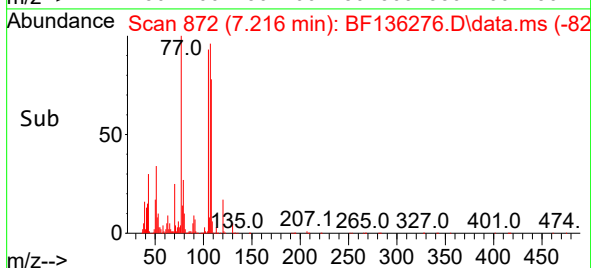
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

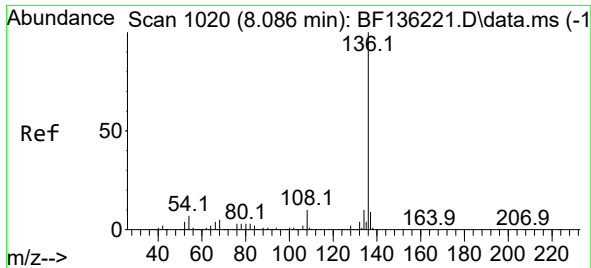


#20
3+4-Methylphenols
Concen: 45.389 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14



Tgt Ion:107 Resp: 551183
Ion Ratio Lower Upper
107 100
108 80.7 63.9 103.9
77 103.7 100.2 140.2
79 27.6 11.1 51.1





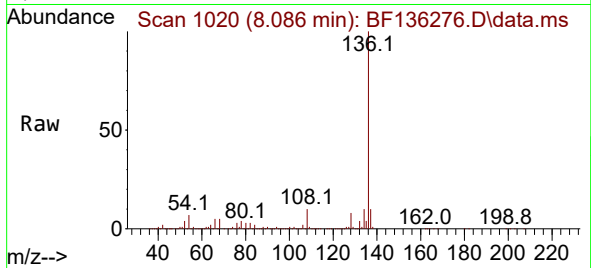
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156824BS



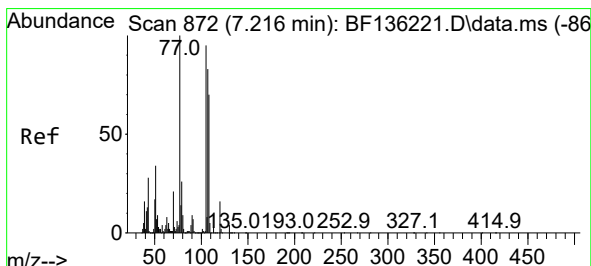
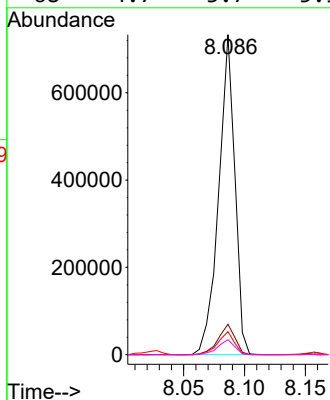
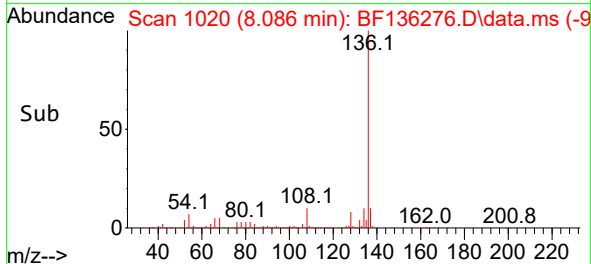
Tgt Ion:136 Resp: 677109
Ion Ratio Lower Upper
136 100
137 9.5 7.4 11.2
54 7.2 5.5 8.3
68 4.7 3.7 5.5

Manual Integrations

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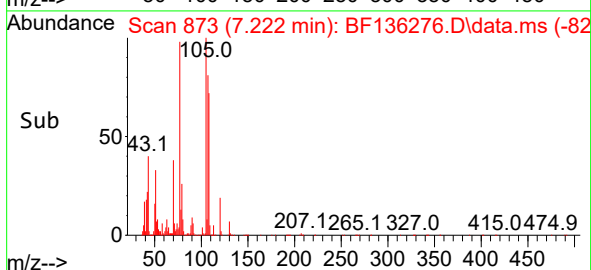
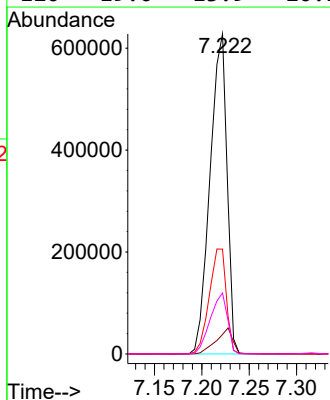
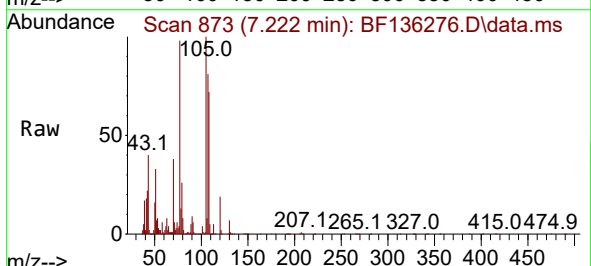
Reviewed By :Yogesh Patel 12/01/2023

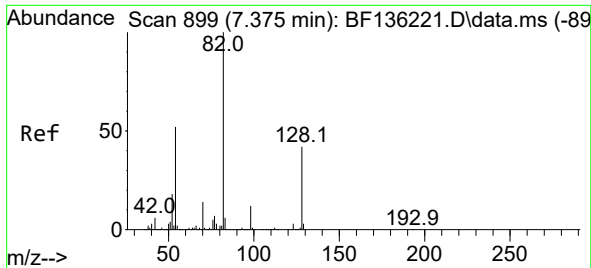
Supervised By :mohammad ahmed 12/01/2023



#22
Acetophenone
Concen: 43.865 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.006 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Tgt Ion:105 Resp: 780058
Ion Ratio Lower Upper
105 100
71 6.1 2.8 4.2#
51 32.8 29.0 43.6
120 19.0 13.9 20.9





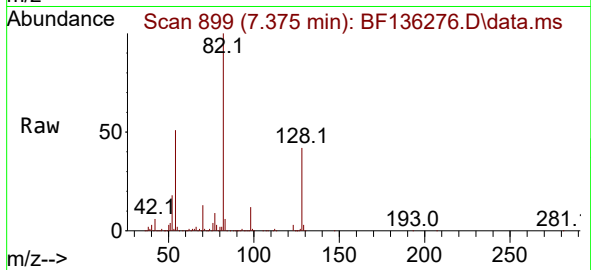
#23
Nitrobenzene-d5
Concen: 84.974 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156824BS

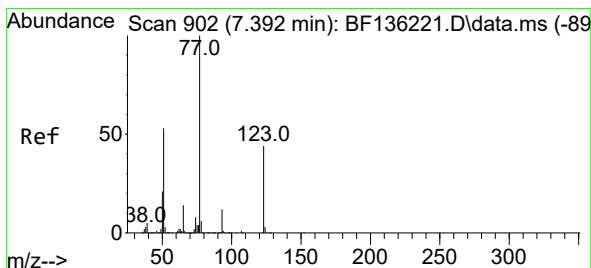
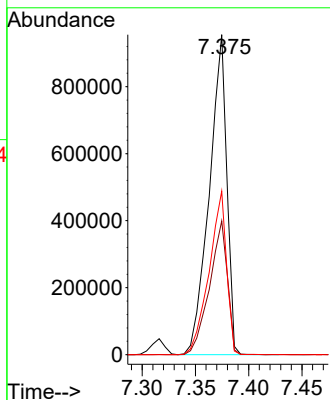
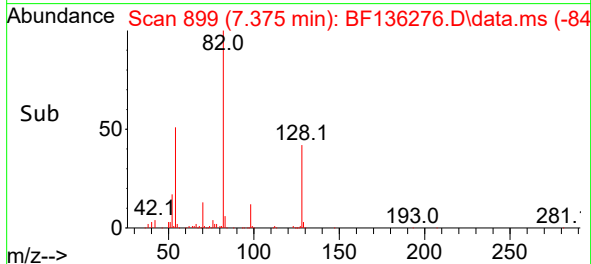


Tgt Ion: 82 Resp: 108882
Ion Ratio Lower Upper
82 100
128 41.8 33.4 50.2
54 51.1 41.7 62.5

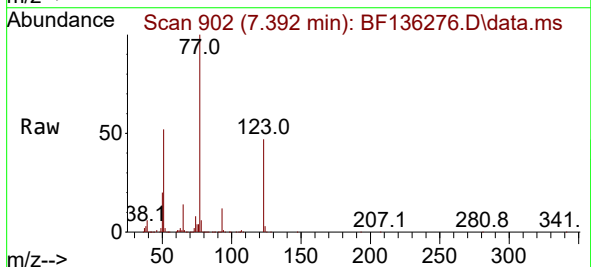
Manual Integrations

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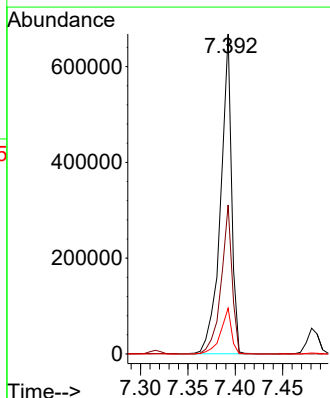
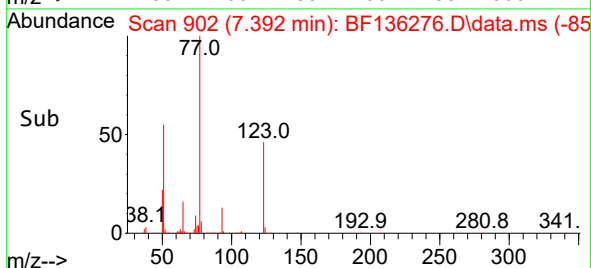
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

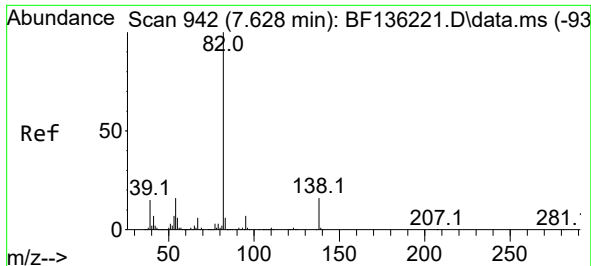


#24
Nitrobenzene
Concen: 41.659 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14



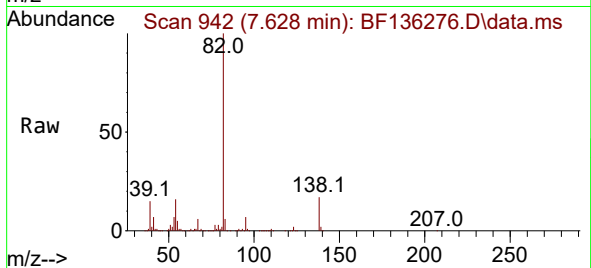
Tgt Ion: 77 Resp: 540946
Ion Ratio Lower Upper
77 100
123 46.5 35.4 53.2
65 14.3 11.0 16.6





#25
Isophorone
Concen: 43.871 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

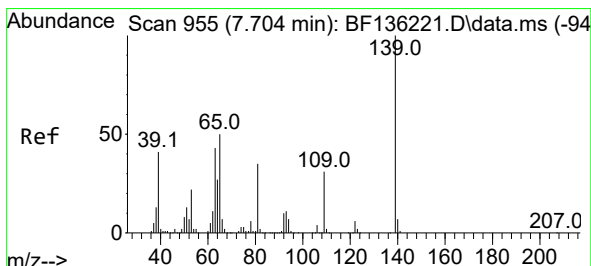
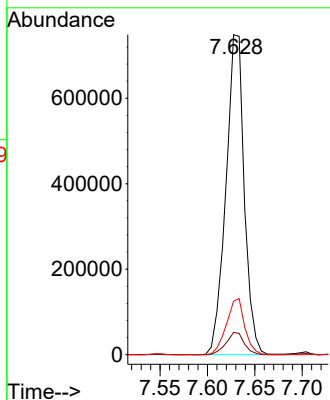
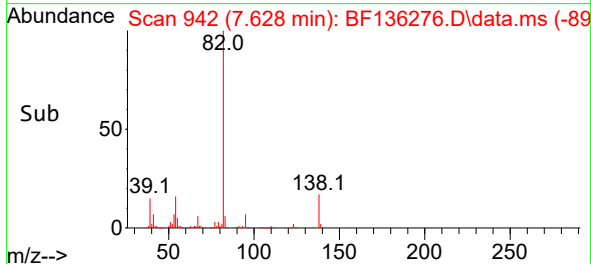
Instrument :
BNA_F
ClientSampleId :
PB156824BS



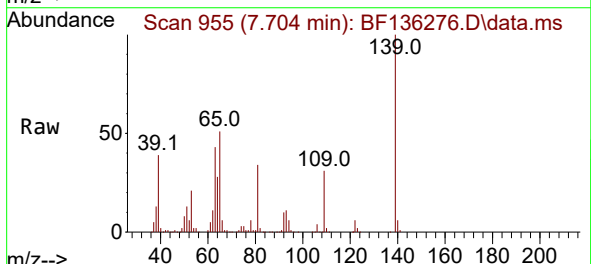
Tgt Ion: 82 Resp: 1013620
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 16.7 12.8 19.2

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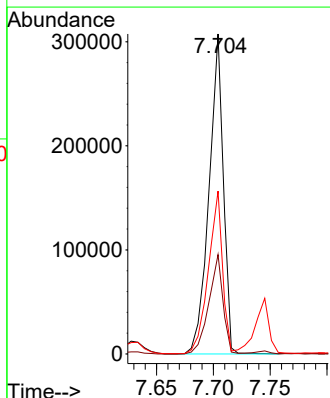
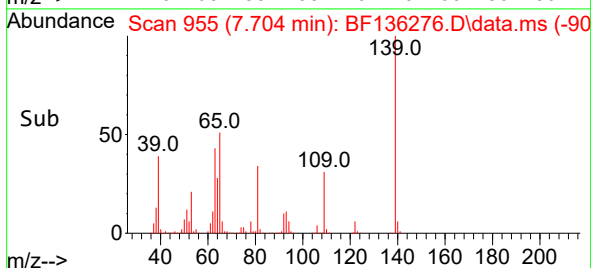
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

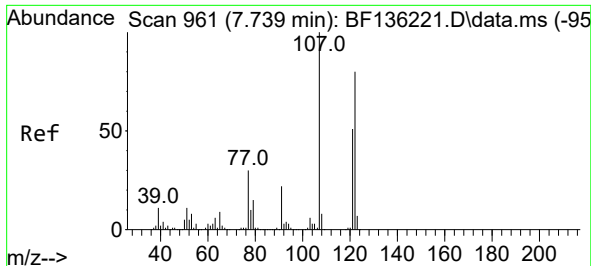


#26
2-Nitrophenol
Concen: 48.848 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14



Tgt Ion:139 Resp: 270254
Ion Ratio Lower Upper
139 100
109 31.0 25.0 37.6
65 50.9 40.4 60.6





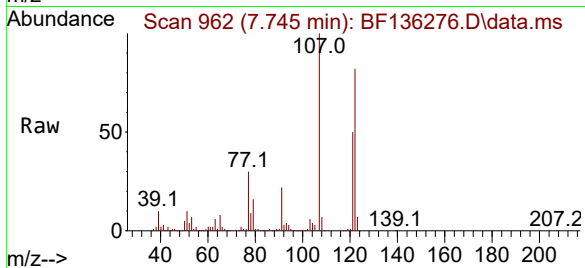
#27
2,4-Dimethylphenol
Concen: 63.185 ng
RT: 7.745 min Scan# 961
Delta R.T. 0.006 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156824BS

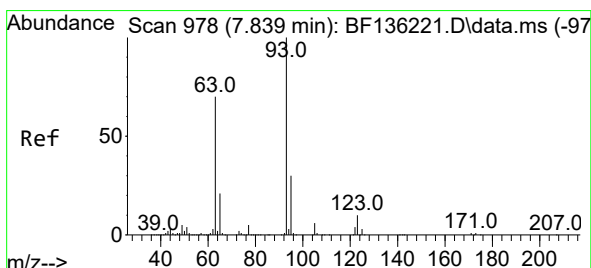
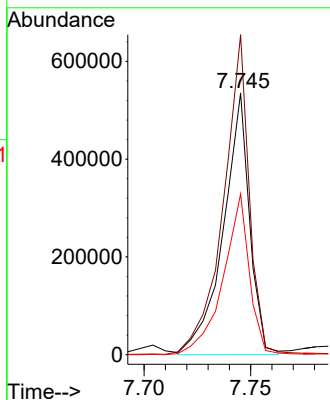
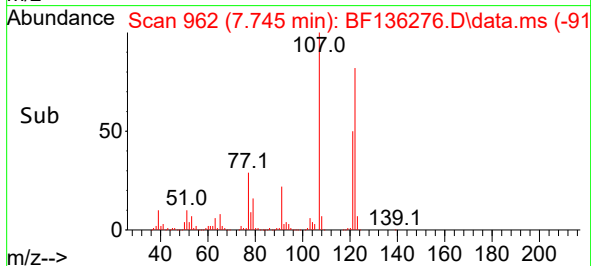


Tgt Ion:122 Resp: 46012
Ion Ratio Lower Upper
122 100
107 122.2 100.0 150.0
121 61.3 50.7 76.1

Manual Integrations

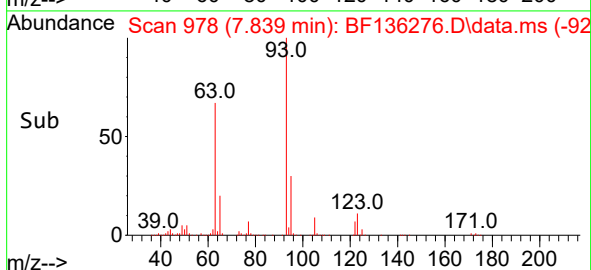
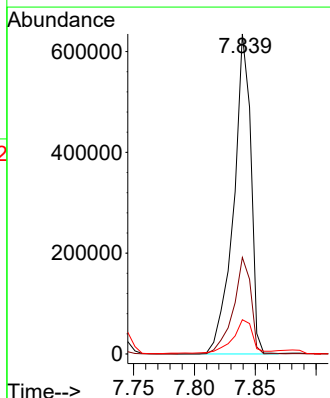
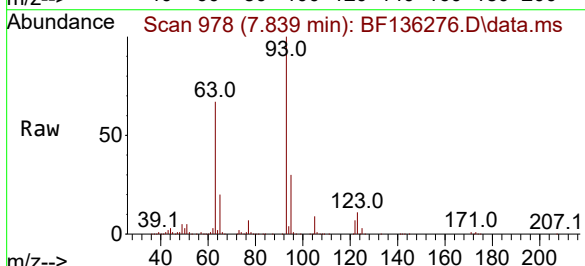
APPROVED

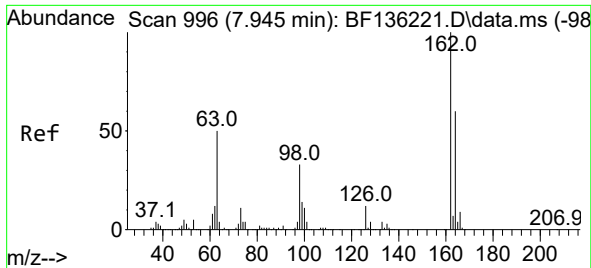
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#28
bis(2-Chloroethoxy)methane
Concen: 44.634 ng
RT: 7.839 min Scan# 978
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Tgt Ion: 93 Resp: 623786
Ion Ratio Lower Upper
93 100
95 30.2 23.8 35.6
123 10.7 8.2 12.4





#29
2,4-Dichlorophenol
Concen: 46.526 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

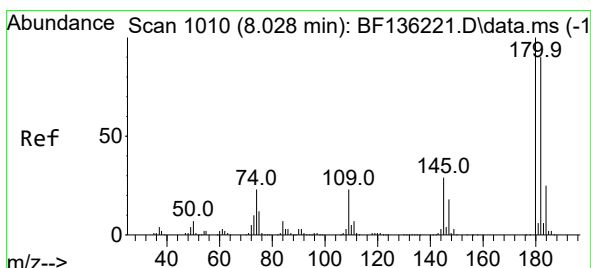
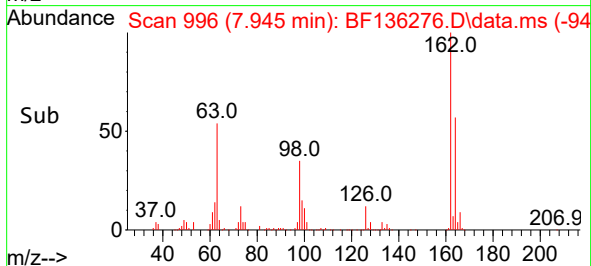
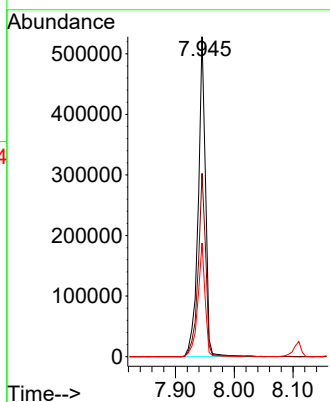
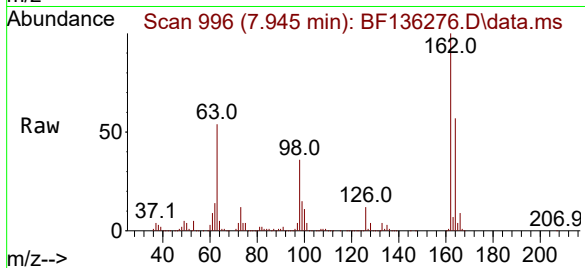
ClientSampleId :

PB156824BS

Tgt Ion:162 Resp: 456988
Ion Ratio Lower Upper
162 100
164 57.3 40.3 80.3
98 35.5 13.0 53.0

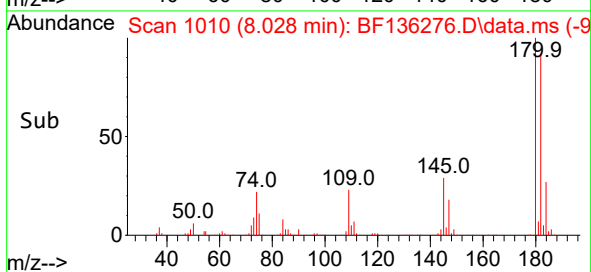
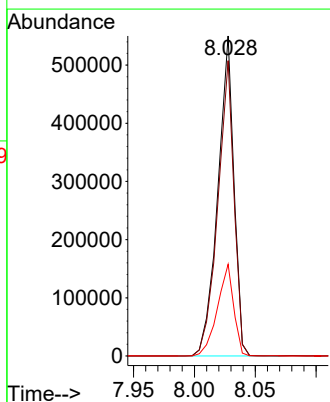
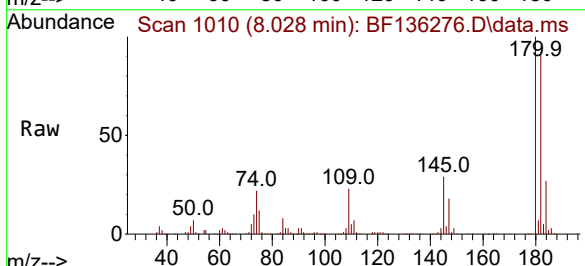
Manual Integrations
APPROVED

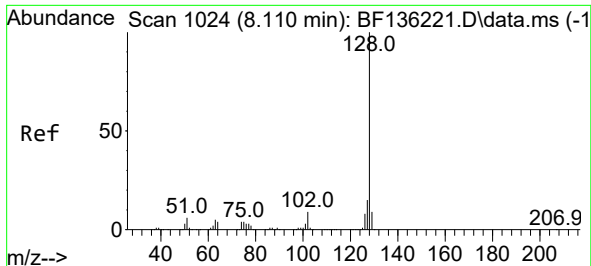
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#30
1,2,4-Trichlorobenzene
Concen: 42.190 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

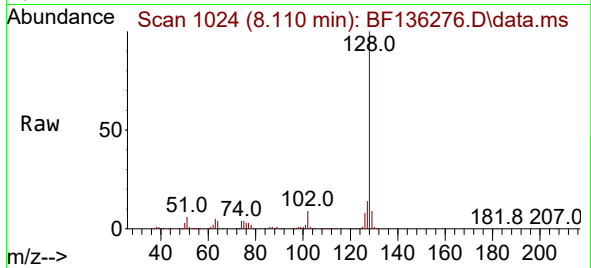
Tgt Ion:180 Resp: 507355
Ion Ratio Lower Upper
180 100
182 92.3 71.6 107.4
145 28.6 23.0 34.4





#31
Naphthalene
Concen: 43.524 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

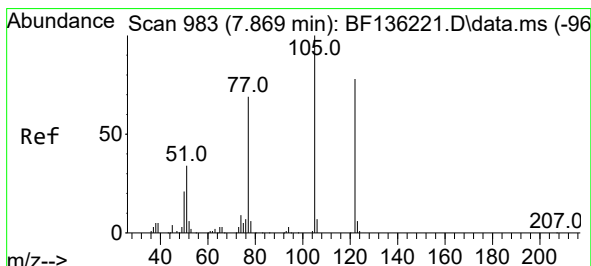
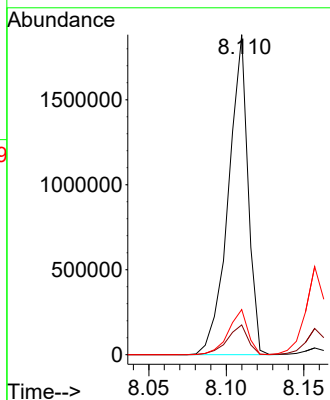
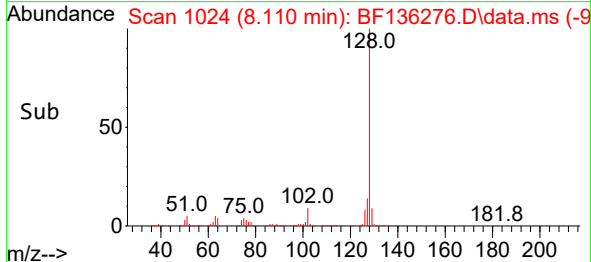
Instrument :
BNA_F
ClientSampleId :
PB156824BS



Tgt Ion:128 Resp: 1656472
Ion Ratio Lower Upper
128 100
129 9.3 7.3 10.9
127 14.1 11.8 17.6

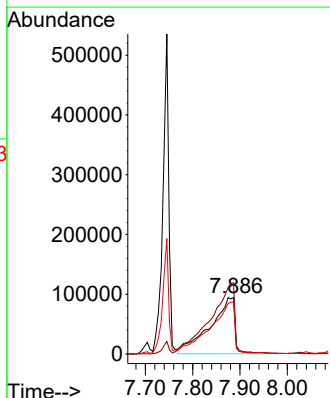
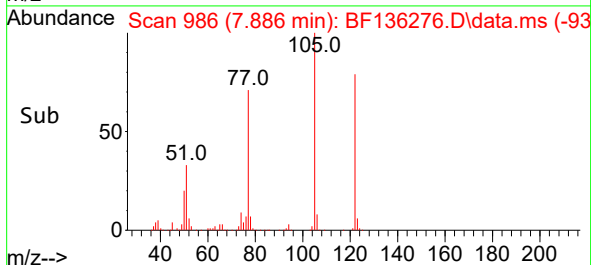
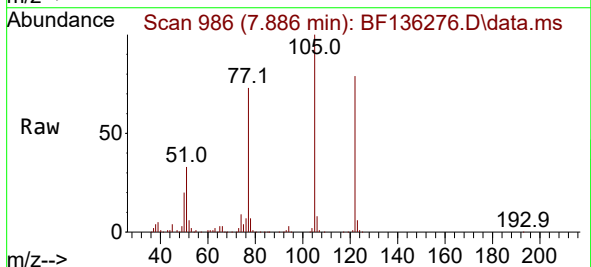
Manual Integrations
APPROVED

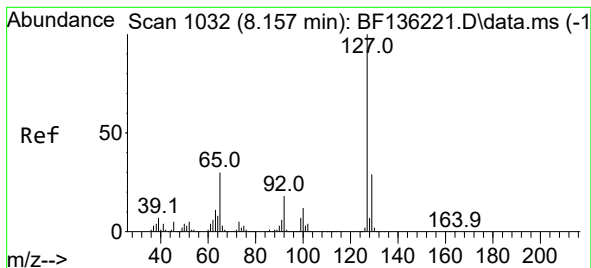
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#32
Benzoic acid
Concen: 51.876 ng
RT: 7.886 min Scan# 986
Delta R.T. 0.018 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Tgt Ion:122 Resp: 344284
Ion Ratio Lower Upper
122 100
105 125.8 103.7 143.7
77 91.3 66.8 106.8





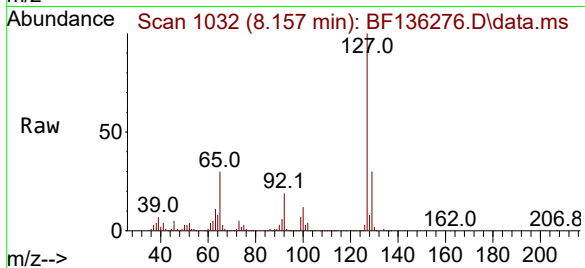
#33
4-Chloroaniline
Concen: 35.175 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156824BS

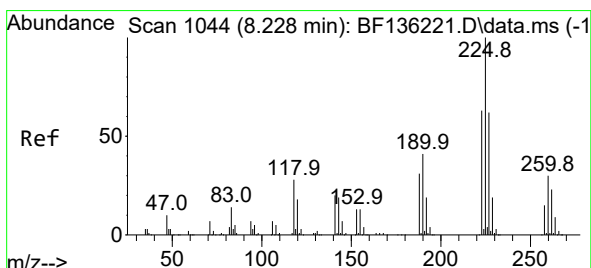
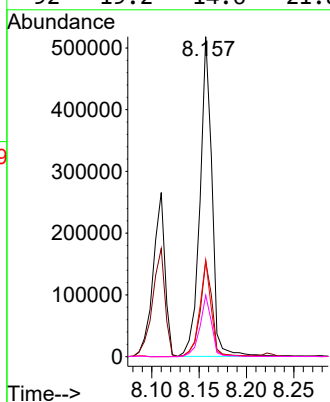
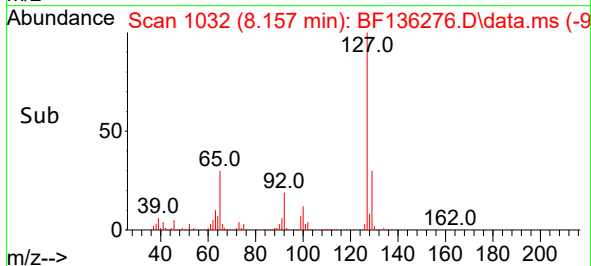


Tgt Ion:127 Resp: 455048
Ion Ratio Lower Upper
127 100
129 29.7 23.4 35.2
65 30.2 23.8 35.6
92 19.2 14.6 21.8

Manual Integrations

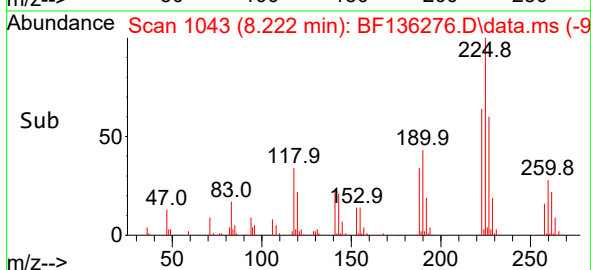
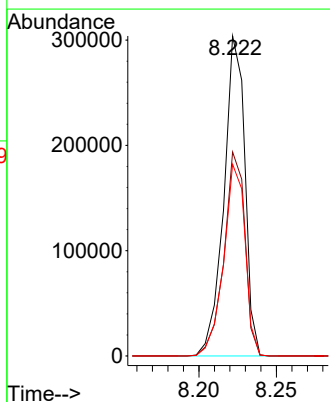
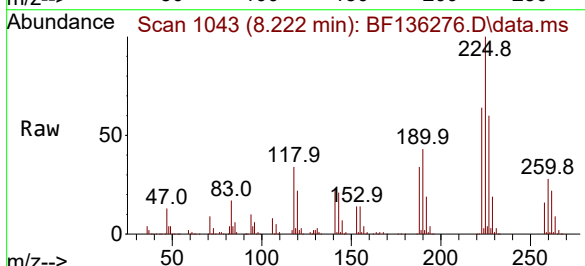
APPROVED

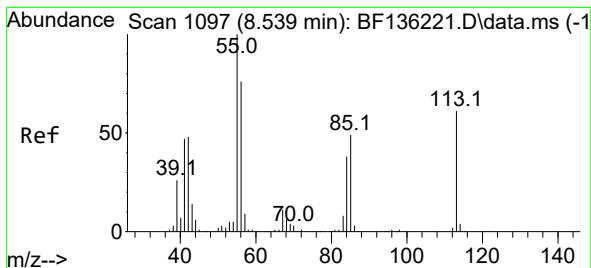
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#34
Hexachlorobutadiene
Concen: 40.625 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Tgt Ion:225 Resp: 285813
Ion Ratio Lower Upper
225 100
223 63.7 50.6 75.8
227 59.9 49.6 74.4





#35

Caprolactam

Concen: 49.244 ng m

RT: 8.539 min Scan# 1097

Delta R.T. 0.000 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156824BS

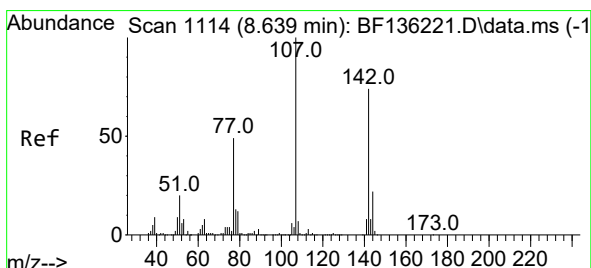
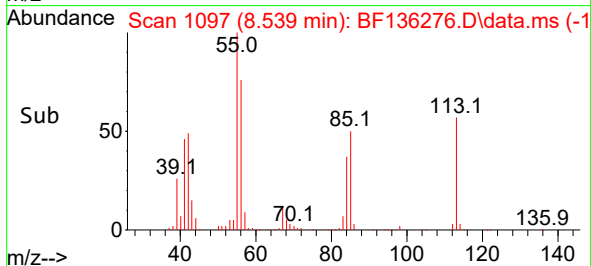
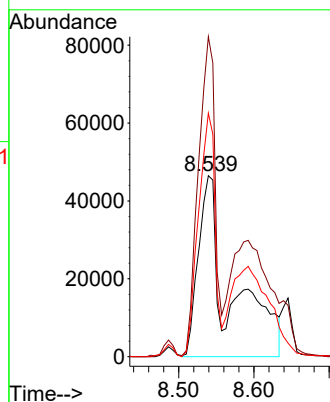
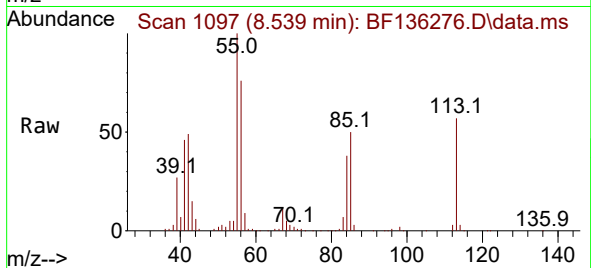
Tgt Ion:	113	Resp:	13521
Ion Ratio	Lower	Upper	
113	100		
55	176.9	143.1	183.1
56	134.6	103.6	143.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#36

4-Chloro-3-methylphenol

Concen: 45.129 ng

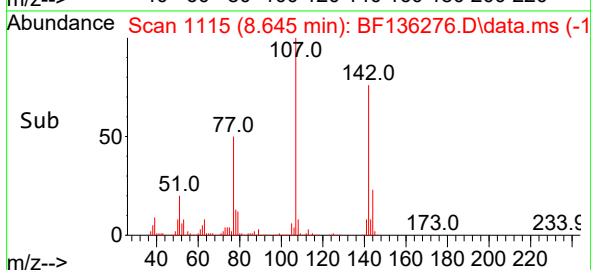
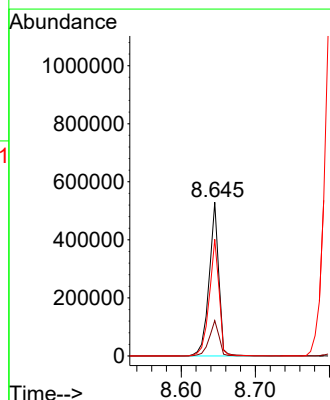
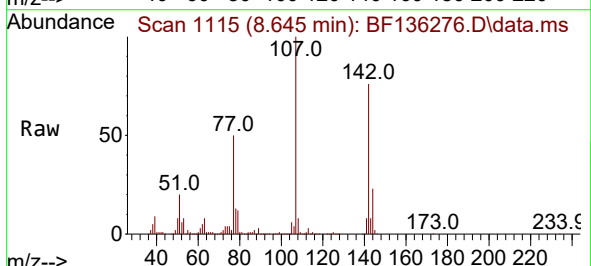
RT: 8.645 min Scan# 1115

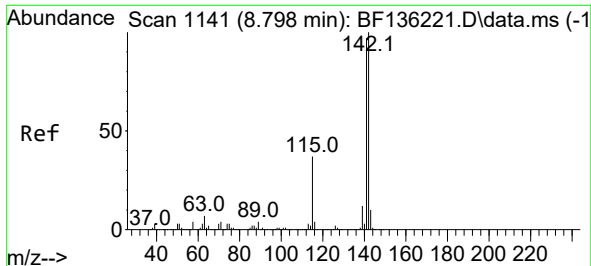
Delta R.T. 0.006 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

Tgt Ion:	107	Resp:	480756
Ion Ratio	Lower	Upper	
107	100		
144	23.0	17.8	26.8
142	75.9	59.4	89.0





#37
2-Methylnaphthalene
Concen: 43.756 ng
RT: 8.798 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

ClientSampleId :

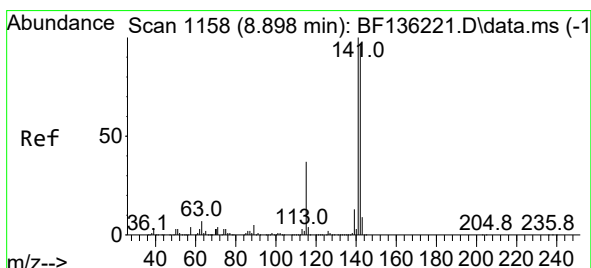
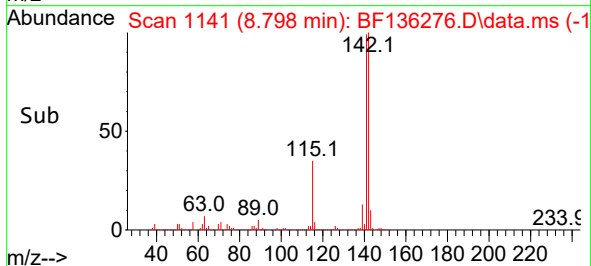
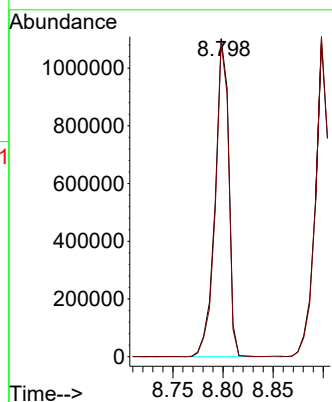
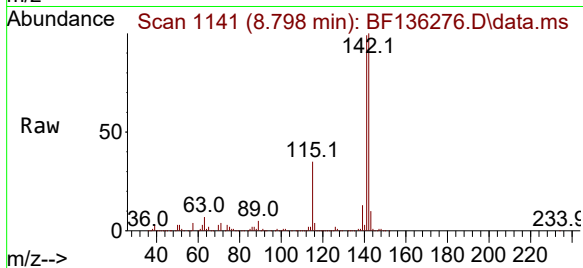
PB156824BS

Tgt Ion:142 Resp: 104463
Ion Ratio Lower Upper
142 100
141 98.8 77.8 116.8

Manual Integrations

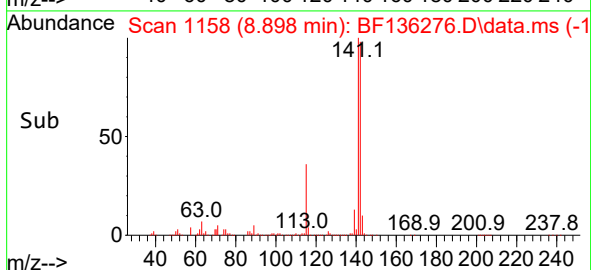
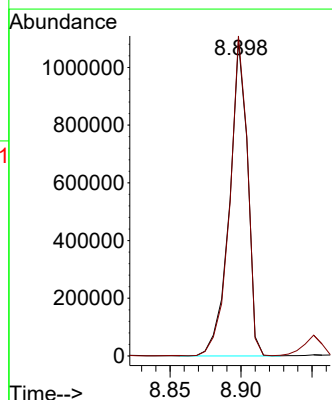
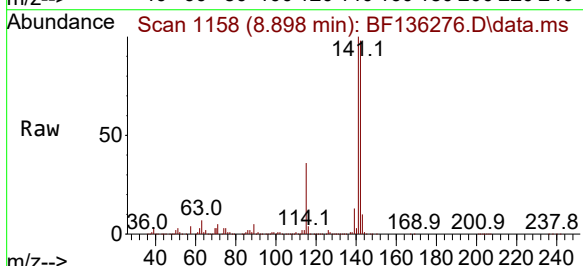
APPROVED

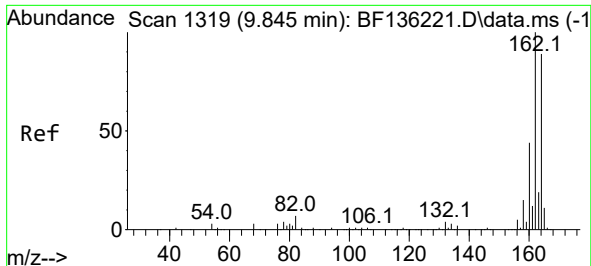
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#38
1-Methylnaphthalene
Concen: 41.568 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Tgt Ion:142 Resp: 968105
Ion Ratio Lower Upper
142 100
141 101.6 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: BF136276.D

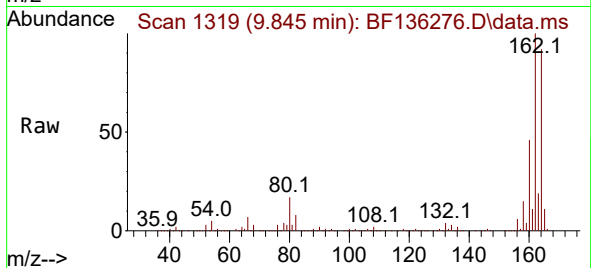
Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156824BS



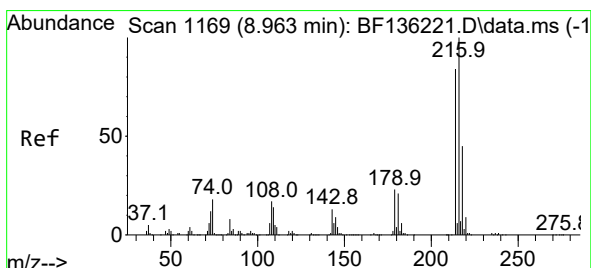
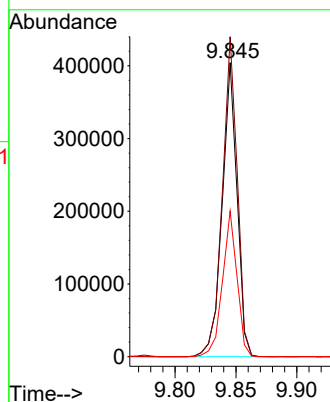
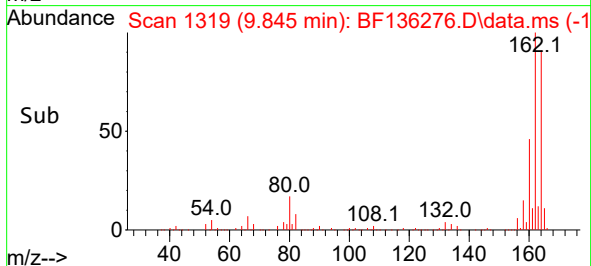
Tgt Ion:164	Resp:	345184
Ion Ratio	Lower	Upper
164	100	
162	108.8	89.5 134.3
160	49.6	39.6 59.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.885 ng

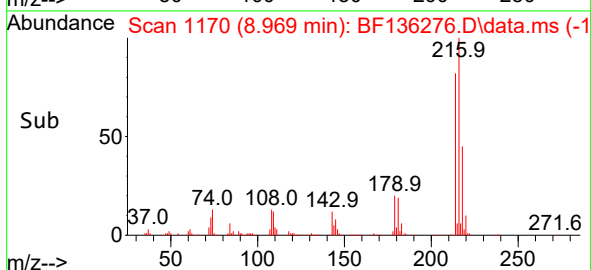
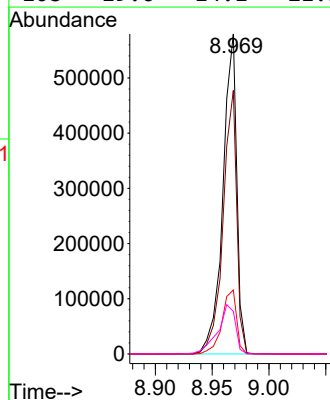
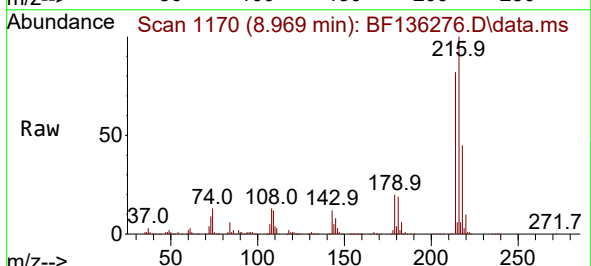
RT: 8.969 min Scan# 1170

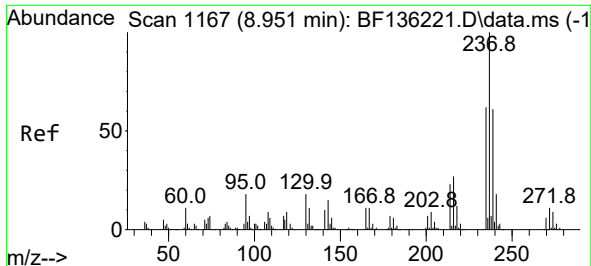
Delta R.T. 0.006 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

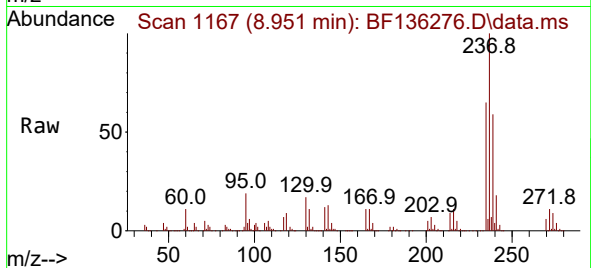
Tgt Ion:216	Resp:	493086
Ion Ratio	Lower	Upper
216	100	
214	81.1	65.8 98.8
179	21.2	17.4 26.0
108	19.6	14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 133.126 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

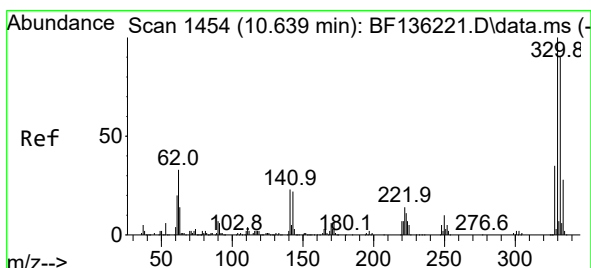
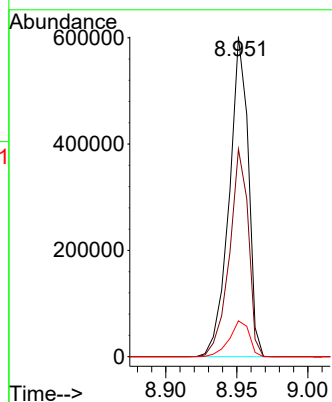
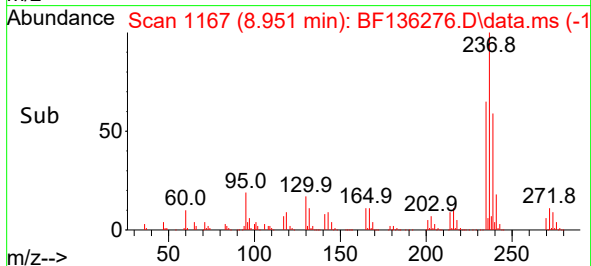
Instrument :
BNA_F
ClientSampleId :
PB156824BS



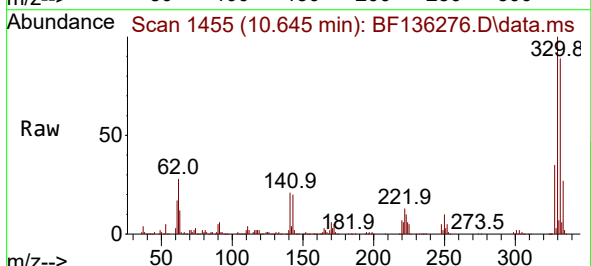
Tgt Ion:237 Resp: 562732
Ion Ratio Lower Upper
237 100
235 64.9 42.1 82.1
272 11.2 0.0 31.0

Manual Integrations
APPROVED

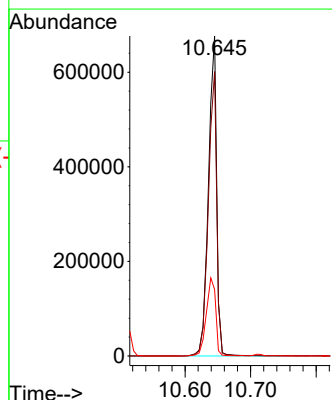
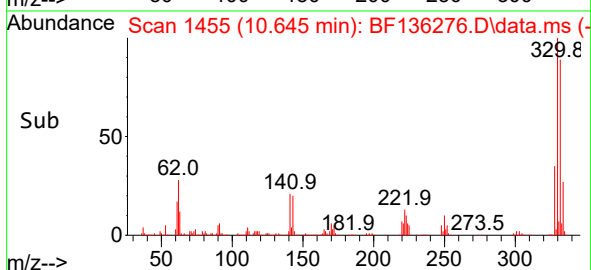
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

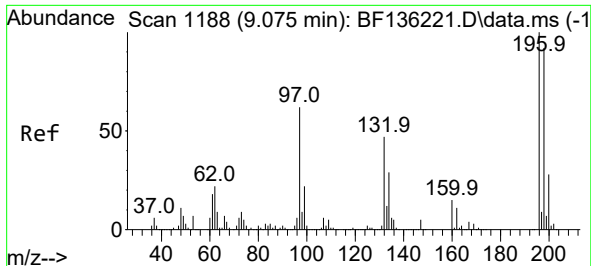


#42
2,4,6-Tribromophenol
Concen: 140.078 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.006 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14



Tgt Ion:330 Resp: 591153
Ion Ratio Lower Upper
330 100
332 90.9 73.0 109.6
141 27.9 24.2 36.2





#43

2,4,6-Trichlorophenol

Concen: 46.001 ng

RT: 9.080 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF136276.D

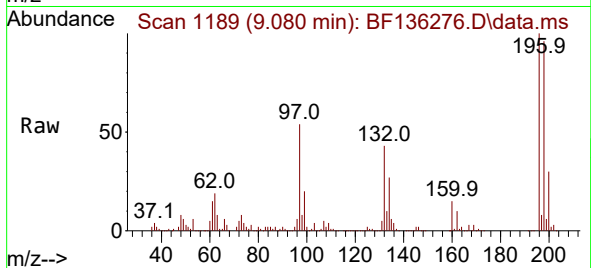
Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156824BS



Tgt Ion:196 Resp: 32800

Ion Ratio Lower Upper

196 100

198 96.1 73.2 109.8

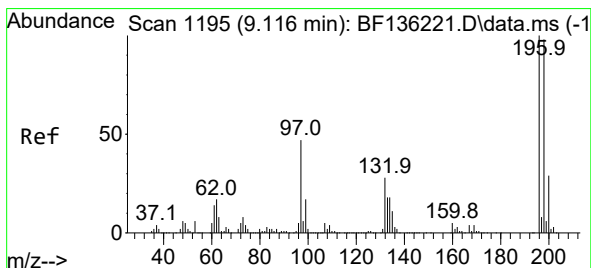
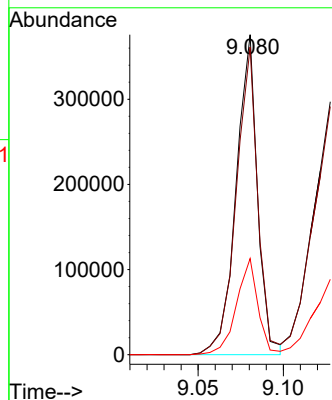
200 30.0 22.4 33.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#44

2,4,5-Trichlorophenol

Concen: 44.311 ng

RT: 9.128 min Scan# 1197

Delta R.T. 0.012 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

Tgt Ion:196 Resp: 344799

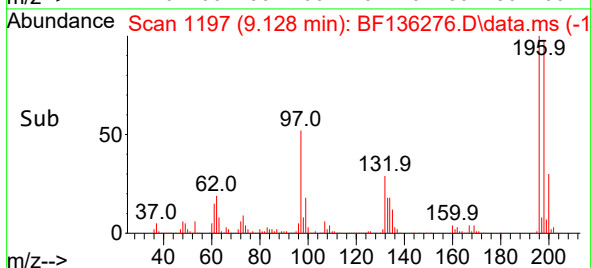
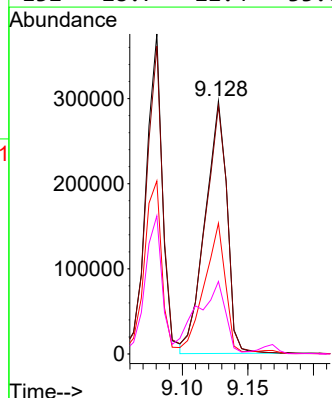
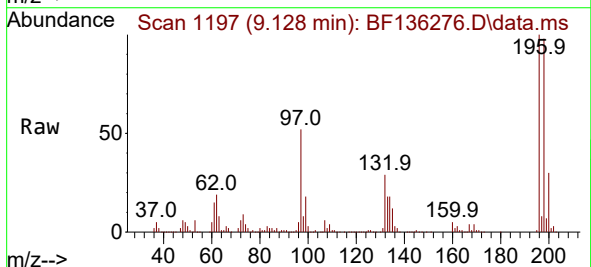
Ion Ratio Lower Upper

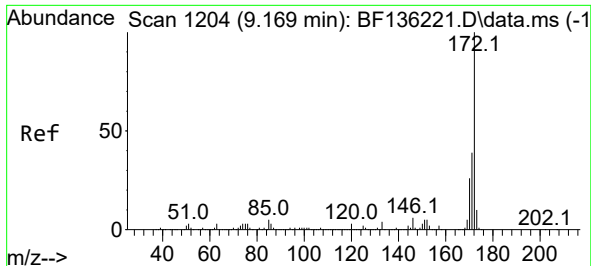
196 100

198 98.1 78.8 118.2

97 51.7 37.8 56.8

132 28.7 22.4 33.6





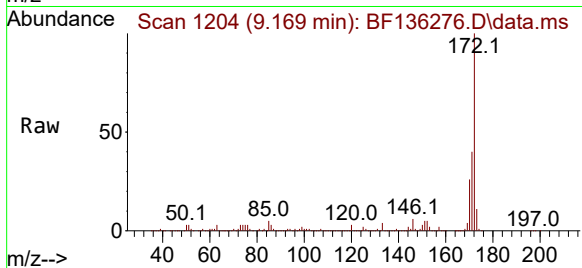
#45
2-Fluorobiphenyl
Concen: 83.377 ng
RT: 9.169 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156824BS

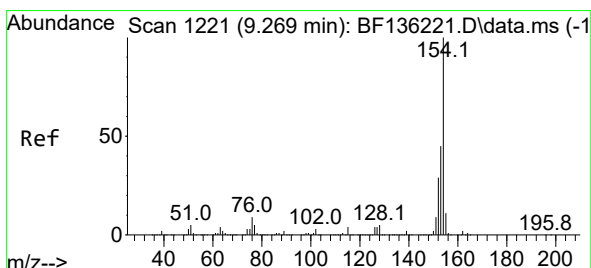
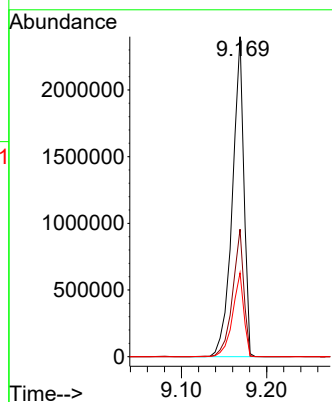
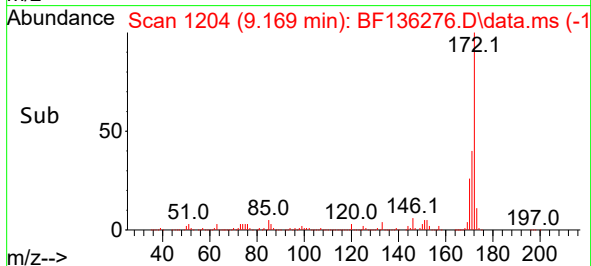


Tgt Ion:172 Resp: 225322
Ion Ratio Lower Upper
172 100
171 39.9 31.5 47.3
170 26.2 20.8 31.2

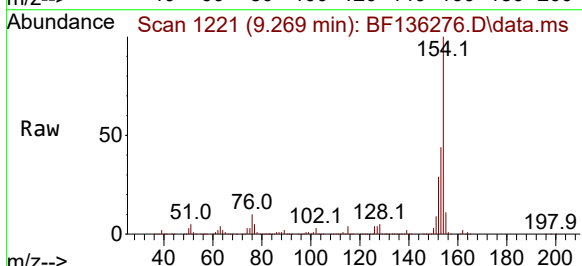
Manual Integrations

APPROVED

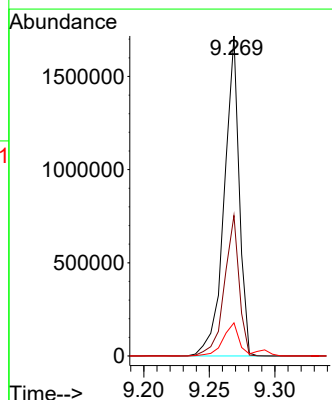
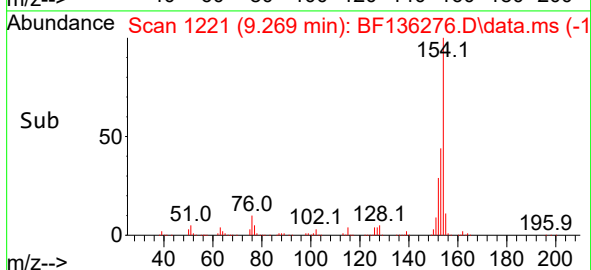
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

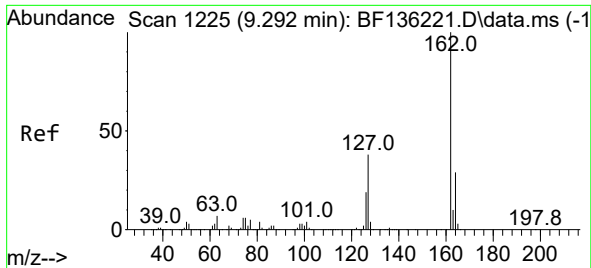


#46
1,1'-Biphenyl
Concen: 44.626 ng
RT: 9.269 min Scan# 1221
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14



Tgt Ion:154 Resp: 1358431
Ion Ratio Lower Upper
154 100
153 43.9 24.6 64.6
76 10.4 0.0 29.4





#47
2-Chloronaphthalene
Concen: 43.160 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

ClientSampleId :

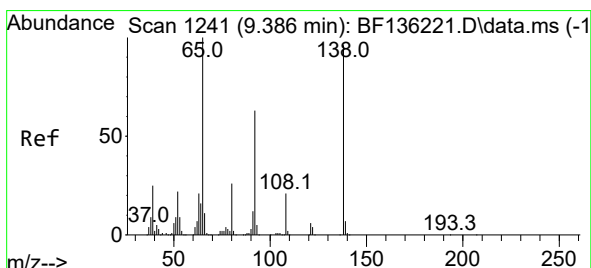
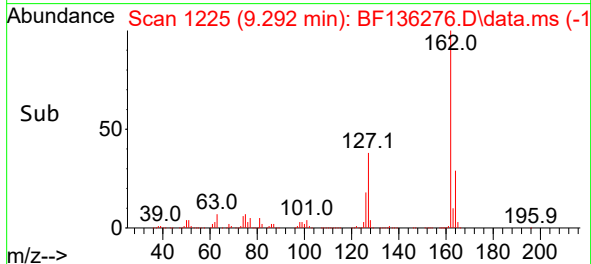
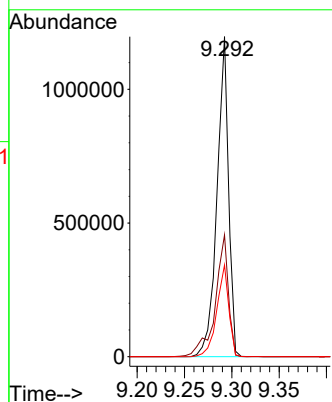
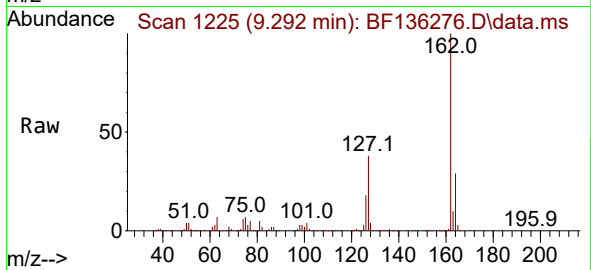
PB156824BS

Tgt Ion:162 Resp: 1020260
Ion Ratio Lower Upper
162 100
127 38.1 30.2 45.2
164 28.6 22.8 34.2

Manual Integrations

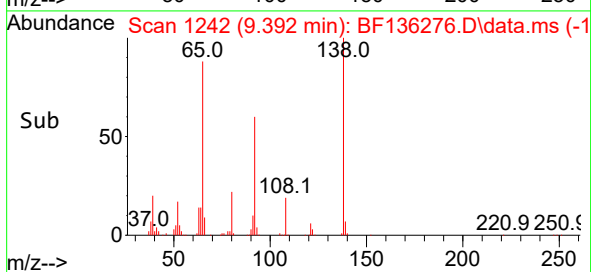
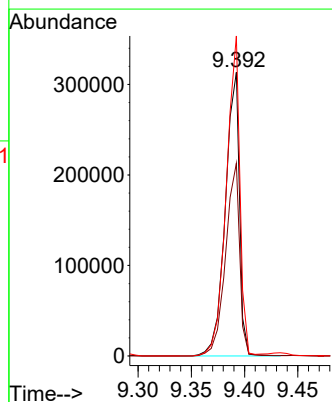
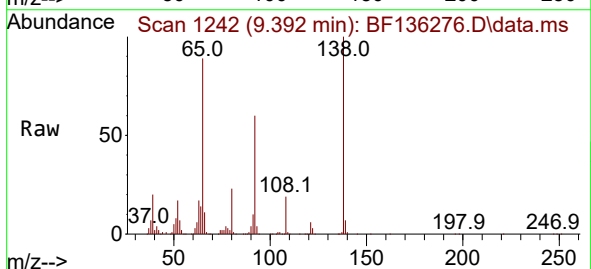
APPROVED

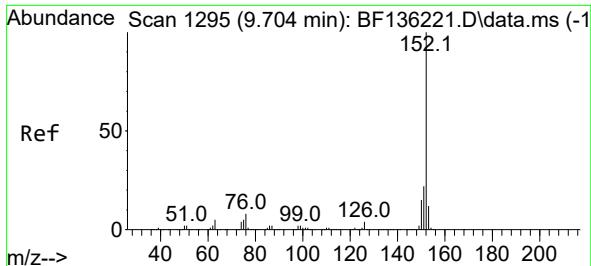
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#48
2-Nitroaniline
Concen: 46.860 ng
RT: 9.392 min Scan# 1242
Delta R.T. 0.006 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Tgt Ion: 65 Resp: 289215
Ion Ratio Lower Upper
65 100
92 67.9 50.6 75.8
138 112.8 76.7 115.1





#49
Acenaphthylene
Concen: 46.036 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.006 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

ClientSampleId :

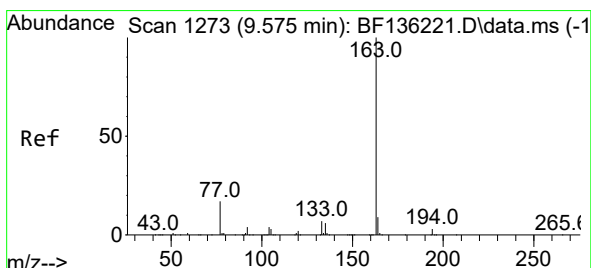
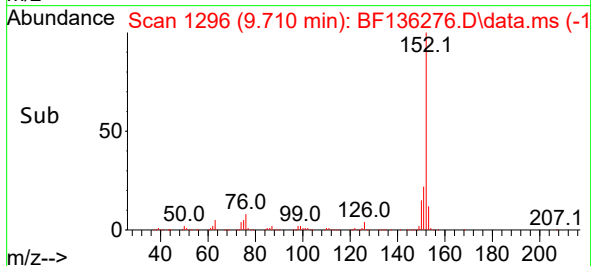
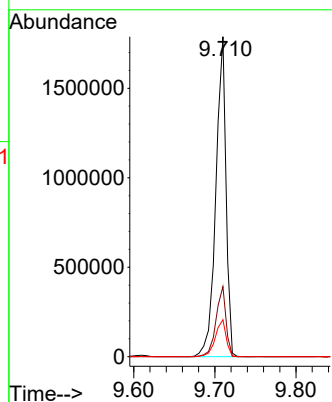
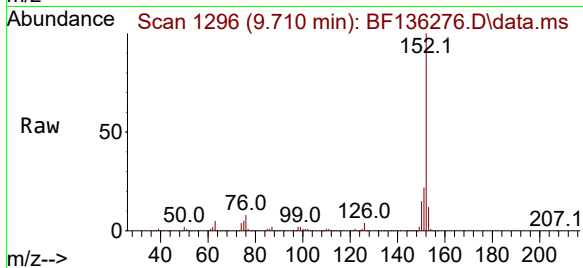
PB156824BS

Tgt Ion:152 Resp: 1553014
Ion Ratio Lower Upper
152 100
151 21.9 17.5 26.3
153 11.5 9.6 14.4

Manual Integrations

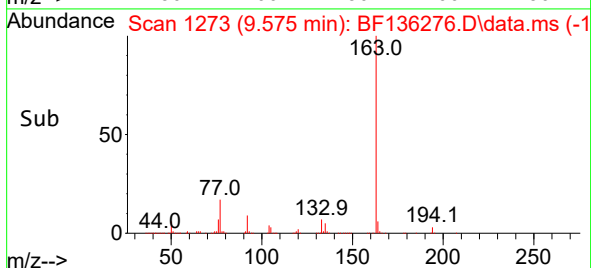
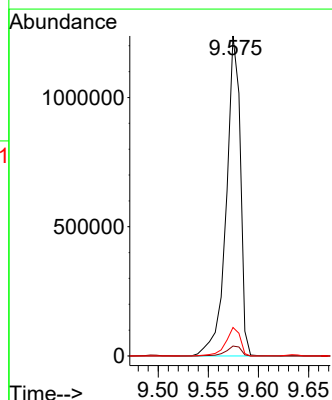
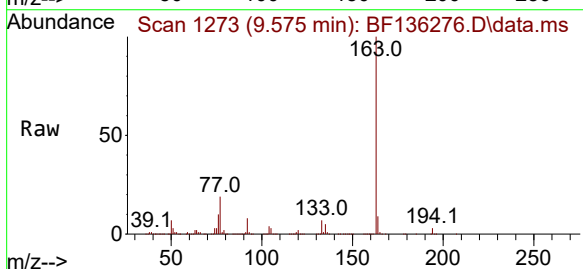
APPROVED

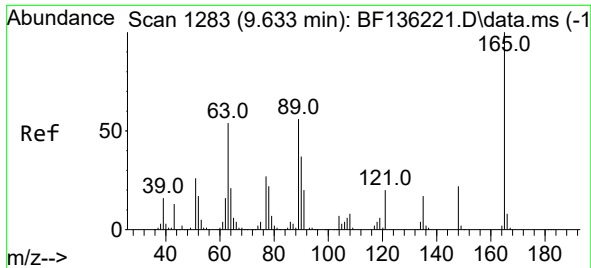
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#50
Dimethylphthalate
Concen: 46.159 ng
RT: 9.575 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

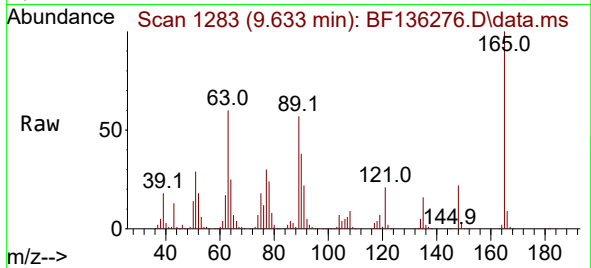
Tgt Ion:163 Resp: 1204280
Ion Ratio Lower Upper
163 100
194 3.1 2.5 3.7
164 8.9 7.0 10.6





#51
2,6-Dinitrotoluene
Concen: 46.435 ng
RT: 9.633 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

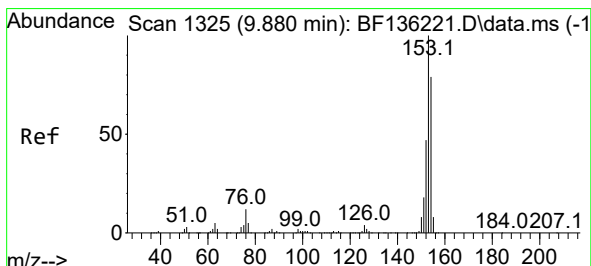
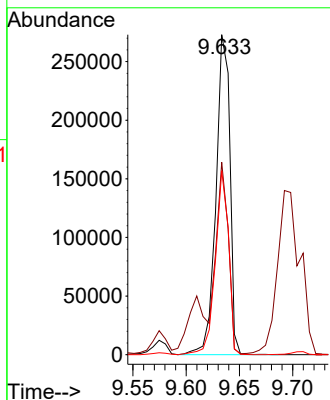
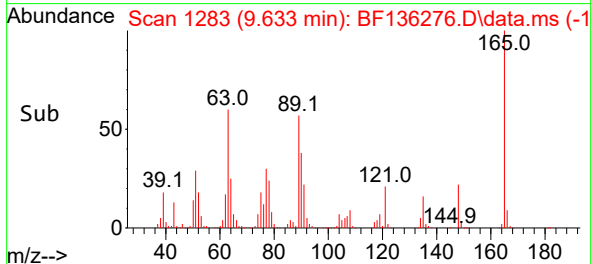
Instrument :
BNA_F
ClientSampleId :
PB156824BS



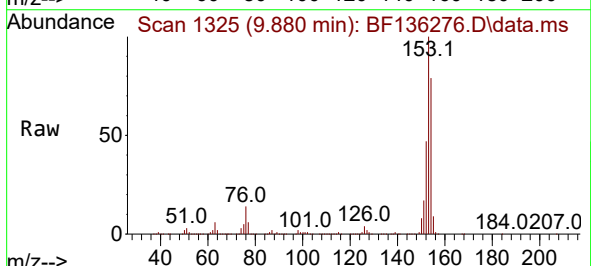
Tgt Ion:165 Resp: 247498
Ion Ratio Lower Upper
165 100
63 60.1 46.2 69.2
89 57.5 44.9 67.3

Manual Integrations
APPROVED

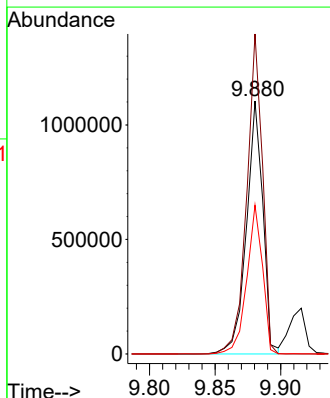
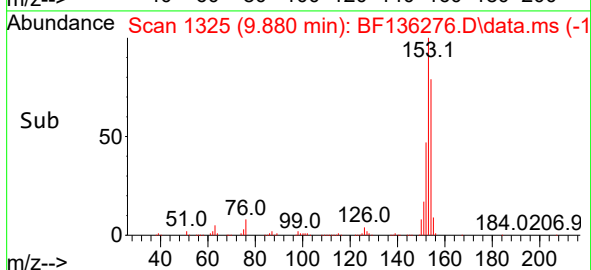
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

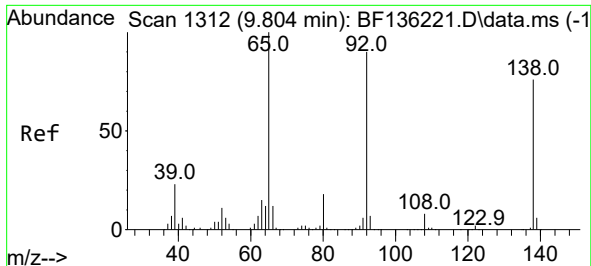


#52
Acenaphthene
Concen: 45.038 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14



Tgt Ion:154 Resp: 960154
Ion Ratio Lower Upper
154 100
153 126.5 100.8 151.2
152 58.8 47.0 70.6





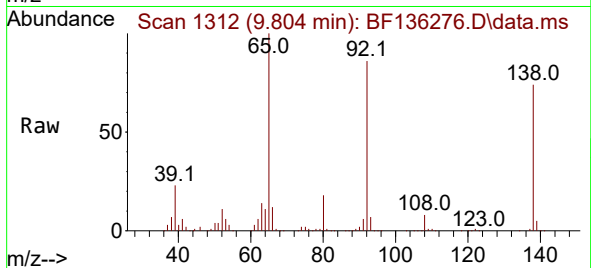
#53
3-Nitroaniline
Concen: 40.530 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156824BS

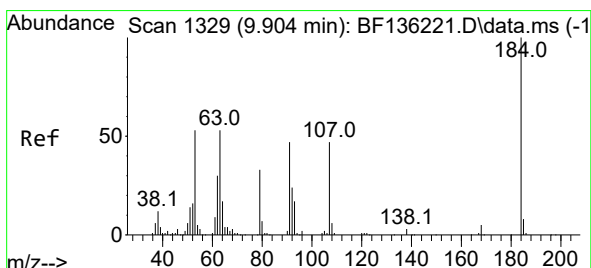
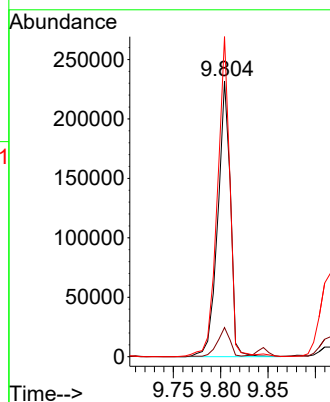
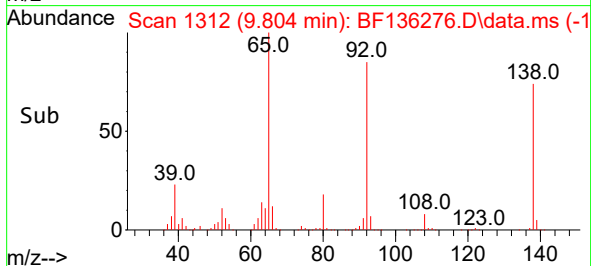


Tgt Ion:138 Resp: 21434
Ion Ratio Lower Upper
138 100
108 10.6 8.7 13.1
92 116.1 94.2 141.4

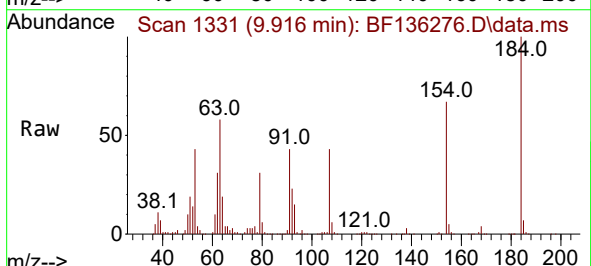
Manual Integrations

APPROVED

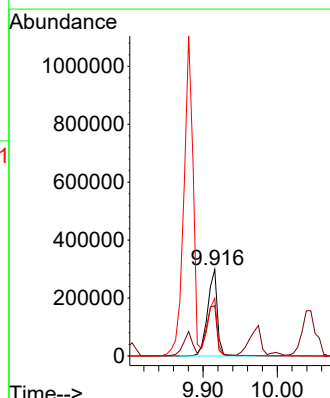
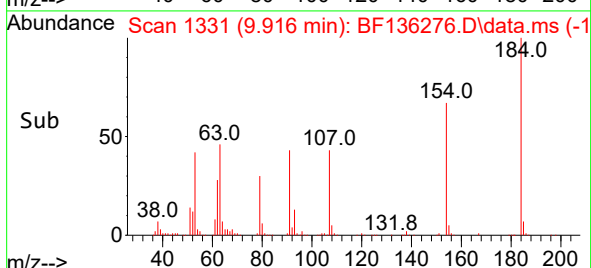
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

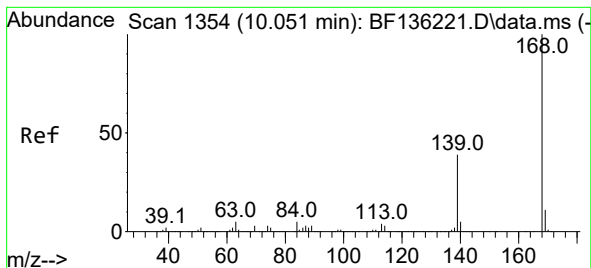


#54
2,4-Dinitrophenol
Concen: 111.152 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.012 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14



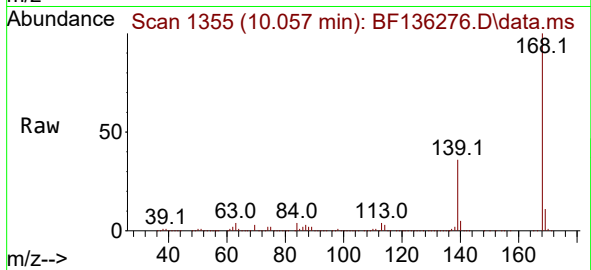
Tgt Ion:184 Resp: 275531
Ion Ratio Lower Upper
184 100
63 58.2 55.0 82.4
154 66.9 54.9 82.3





#55
Dibenzenofuran
Concen: 45.258 ng
RT: 10.057 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

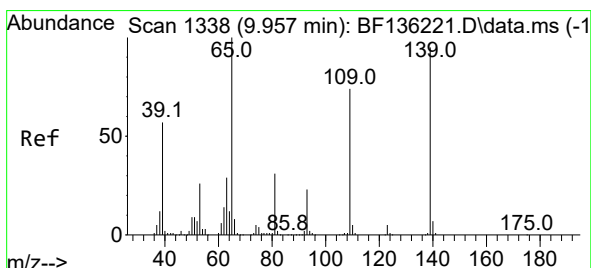
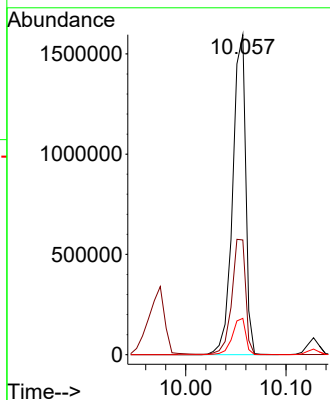
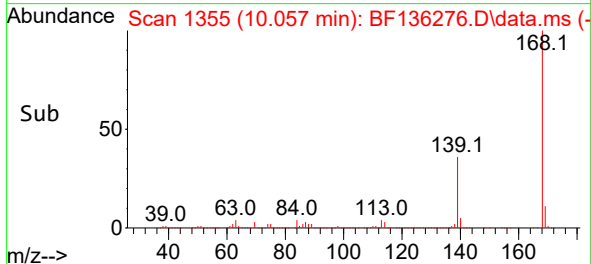
Instrument :
BNA_F
ClientSampleId :
PB156824BS



Tgt Ion:168 Resp: 143572
Ion Ratio Lower Upper
168 100
139 35.9 30.9 46.3
169 11.3 9.1 13.7

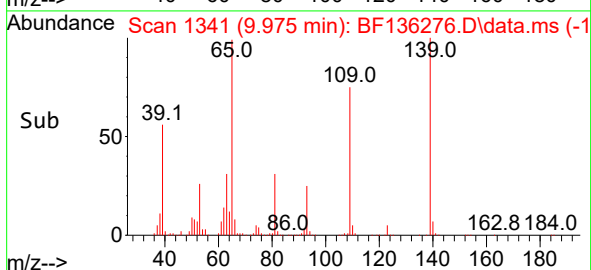
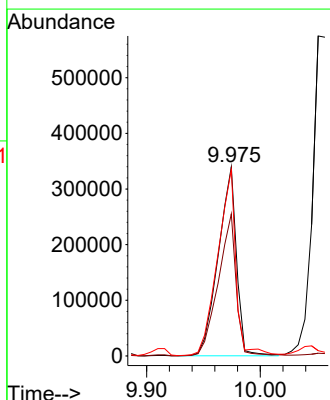
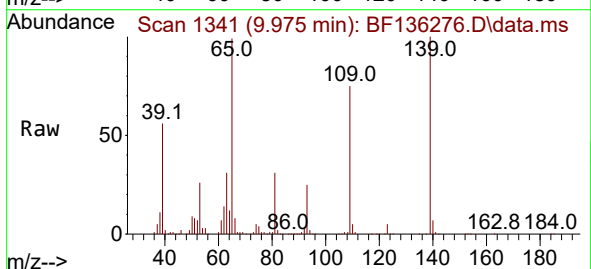
Manual Integrations
APPROVED

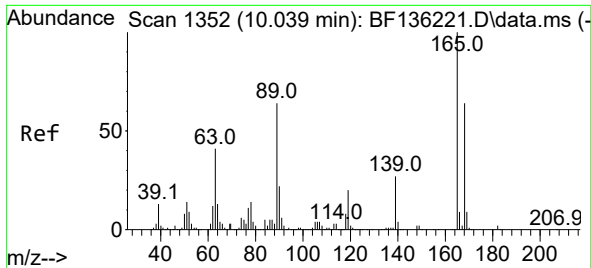
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#56
4-Nitrophenol
Concen: 94.696 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.018 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Tgt Ion:139 Resp: 380360
Ion Ratio Lower Upper
139 100
109 75.1 57.8 97.8
65 98.7 86.0 126.0





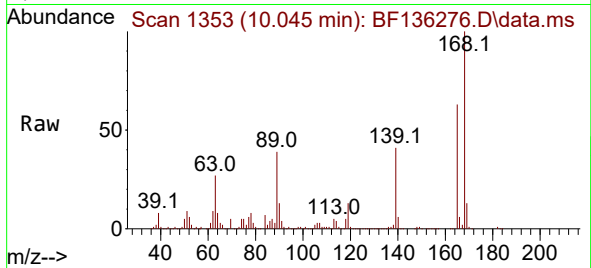
#57
2,4-Dinitrotoluene
Concen: 47.663 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.006 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156824BS

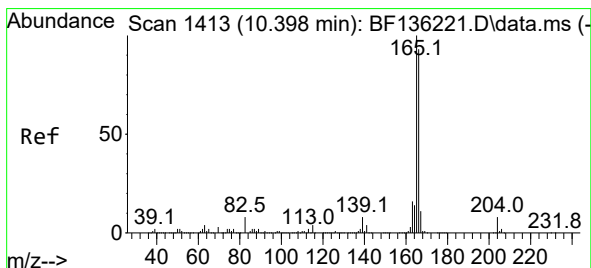
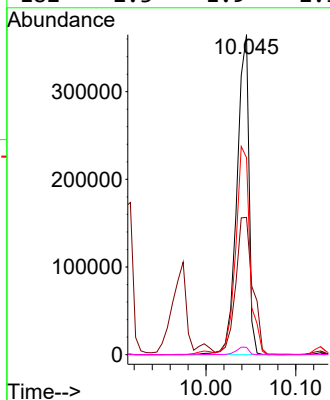
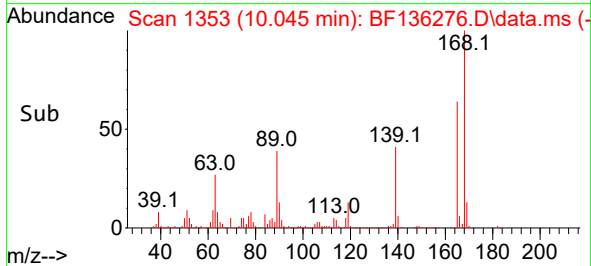


Tgt Ion:165 Resp: 339340
Ion Ratio Lower Upper
165 100
63 42.9 33.0 49.4
89 61.6 51.5 77.3
182 2.3 1.9 2.9

Manual Integrations

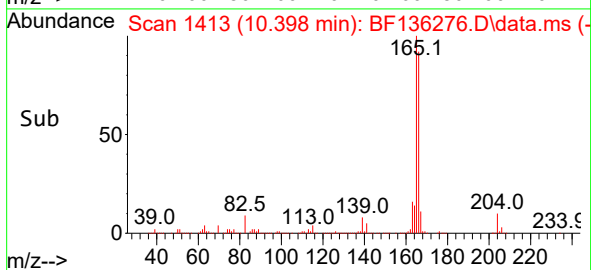
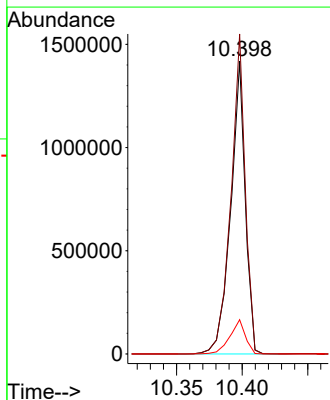
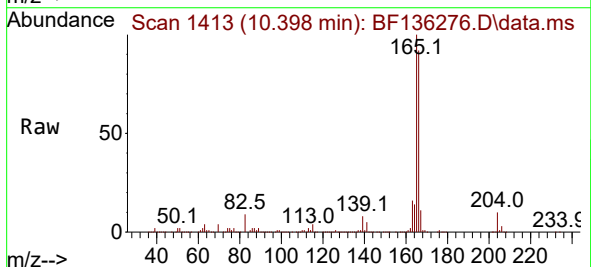
APPROVED

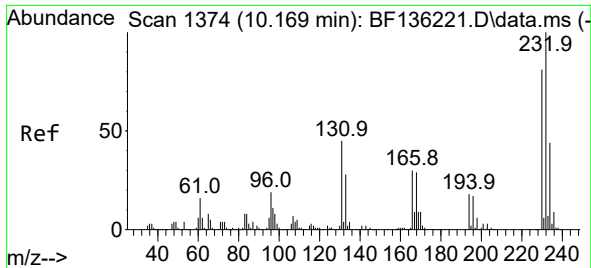
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#58
Fluorene
Concen: 44.202 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

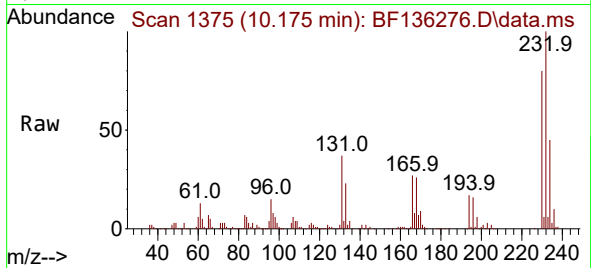
Tgt Ion:166 Resp: 1099876
Ion Ratio Lower Upper
166 100
165 109.2 86.2 129.4
167 11.7 9.1 13.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.451 ng
RT: 10.175 min Scan# 1375
Delta R.T. 0.006 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

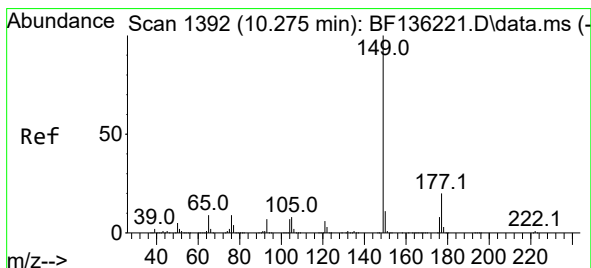
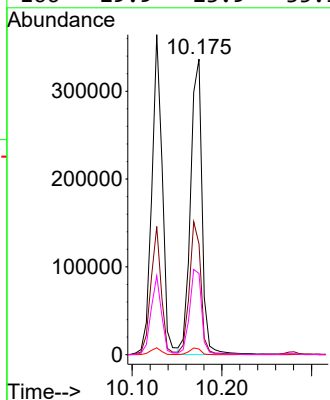
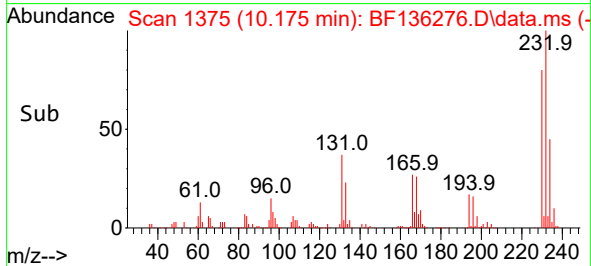
Instrument :
BNA_F
ClientSampleId :
PB156824BS



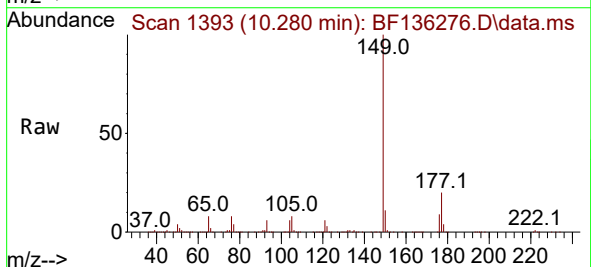
Tgt Ion:232 Resp: 299970
Ion Ratio Lower Upper
232 100
131 44.9 36.4 54.6
130 2.2 1.9 2.9
166 29.9 23.9 35.9

Manual Integrations
APPROVED

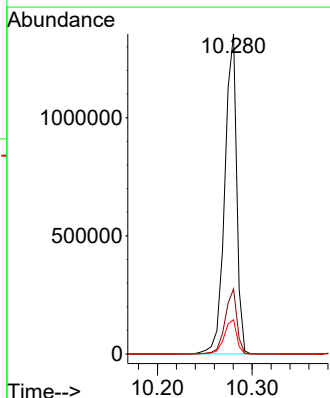
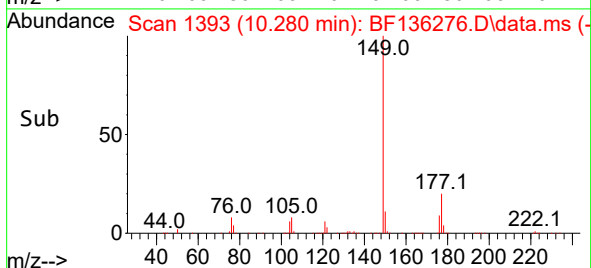
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

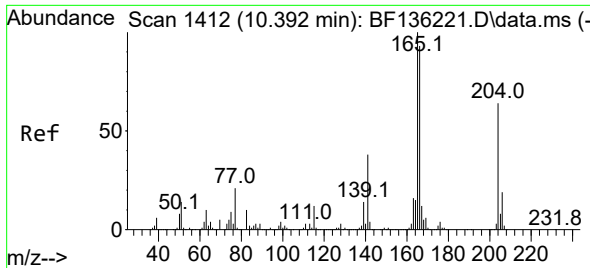


#60
Diethylphthalate
Concen: 45.490 ng
RT: 10.280 min Scan# 1393
Delta R.T. 0.006 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14



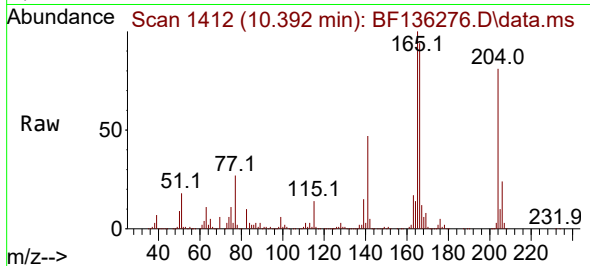
Tgt Ion:149 Resp: 1187183
Ion Ratio Lower Upper
149 100
177 20.3 15.8 23.6
150 10.7 8.8 13.2





#61
4-Chlorophenyl-phenylether
Concen: 44.254 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

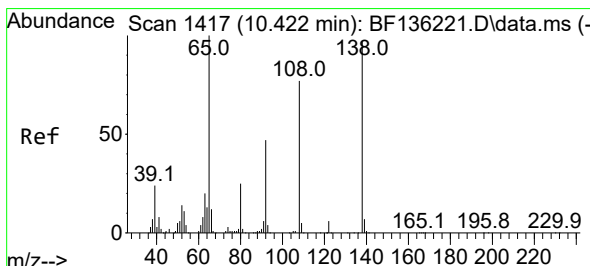
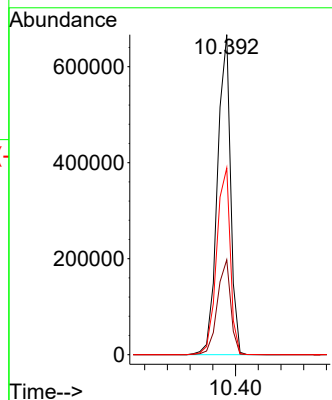
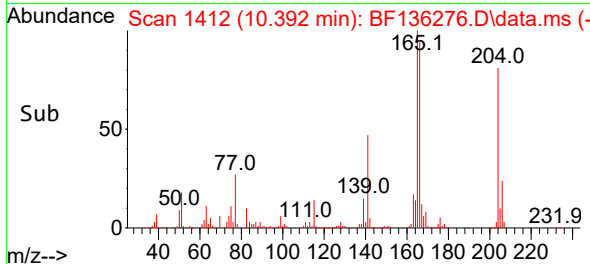
Instrument :
BNA_F
ClientSampleId :
PB156824BS



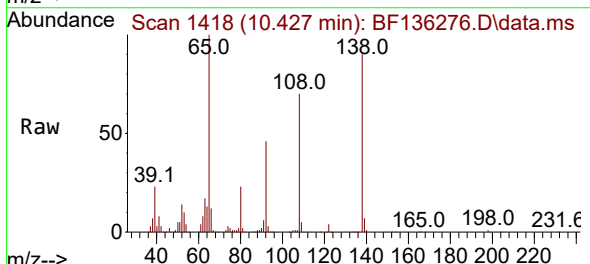
Tgt Ion:204 Resp: 53476
Ion Ratio Lower Upper
204 100
206 29.6 23.4 35.0
141 58.3 47.6 71.4

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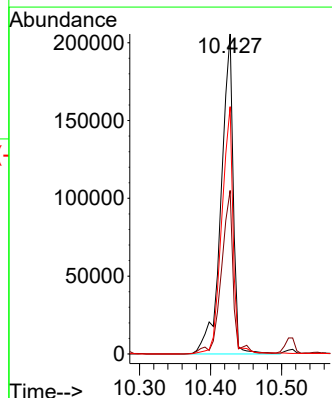
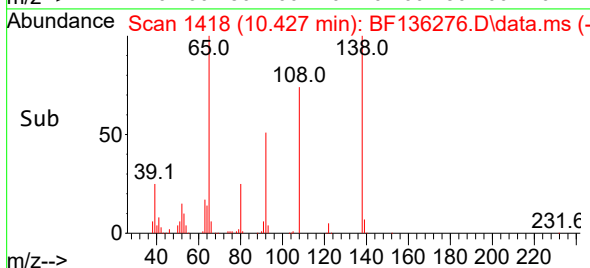
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

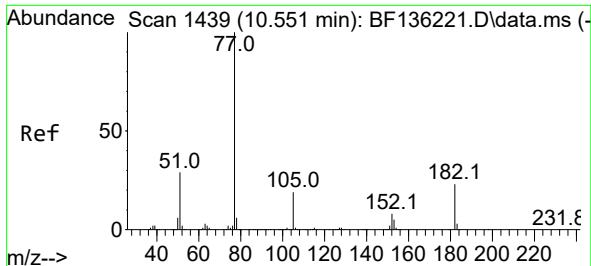


#62
4-Nitroaniline
Concen: 46.794 ng
RT: 10.427 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14



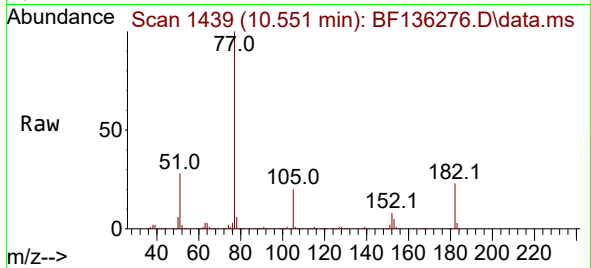
Tgt Ion:138 Resp: 242234
Ion Ratio Lower Upper
138 100
92 51.1 28.5 68.5
108 77.3 59.8 99.8





#63
Azobenzene
Concen: 44.428 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

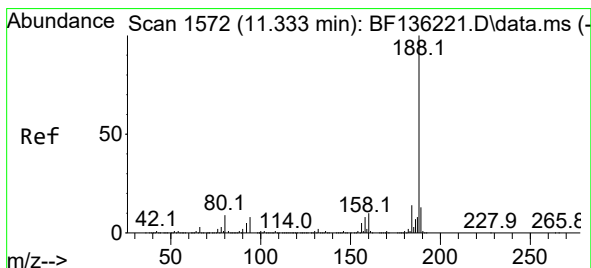
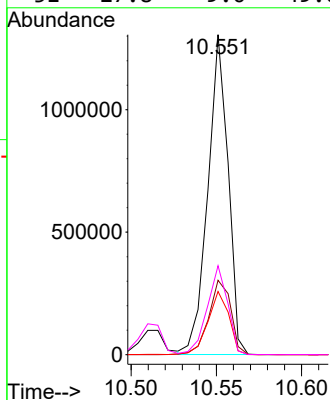
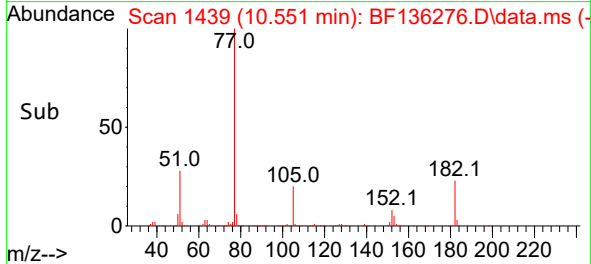
Instrument :
BNA_F
ClientSampleId :
PB156824BS



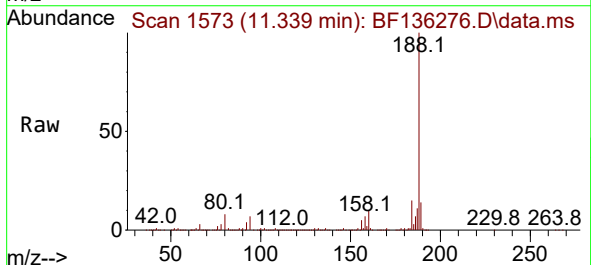
Tgt Ion: 77 Resp: 107493
Ion Ratio Lower Upper
77 100
182 23.3 3.3 43.3
105 19.7 0.0 39.5
51 27.8 9.0 49.0

Manual Integrations
APPROVED

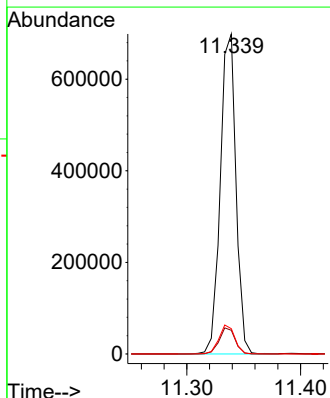
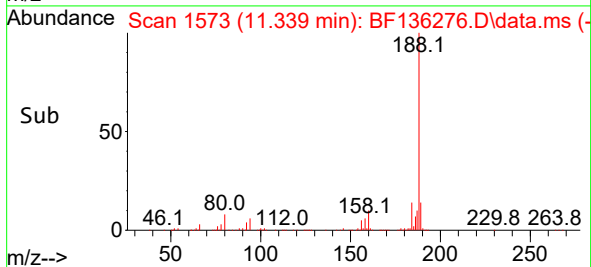
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

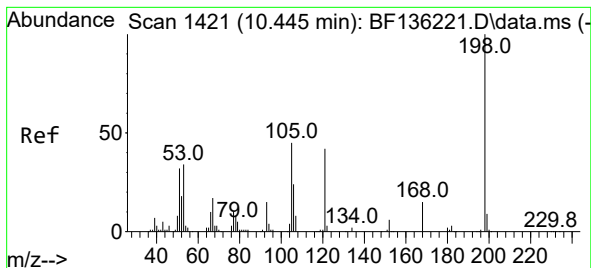


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.006 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14



Tgt Ion:188 Resp: 671325
Ion Ratio Lower Upper
188 100
94 7.4 6.7 10.1
80 7.9 7.2 10.8





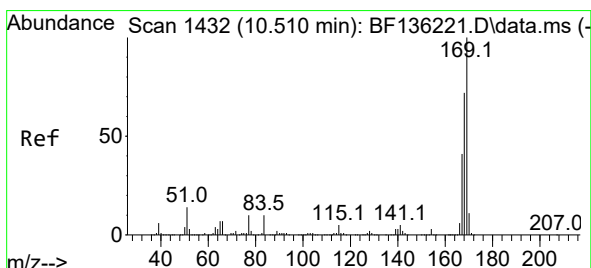
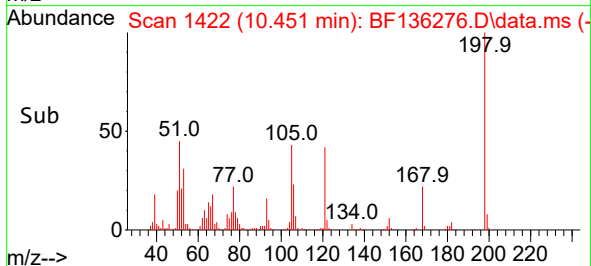
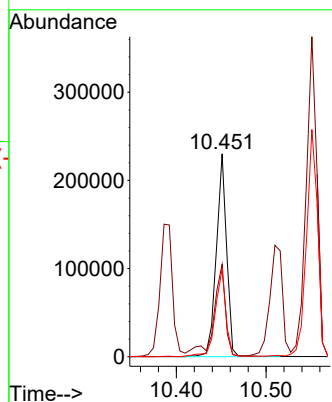
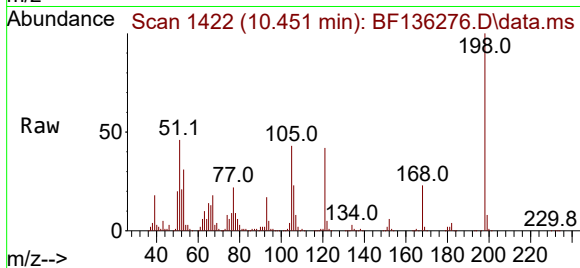
#65
4,6-Dinitro-2-methylphenol
Concen: 50.112 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Instrument :
BNA_F
ClientSampleId :
PB156824BS

Tgt Ion:198 Resp: 183960
Ion Ratio Lower Upper
198 100
51 45.5 28.2 68.2
105 43.1 25.7 65.7

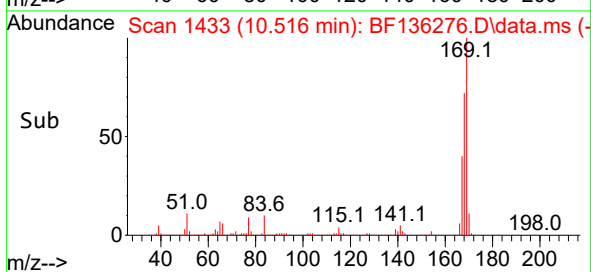
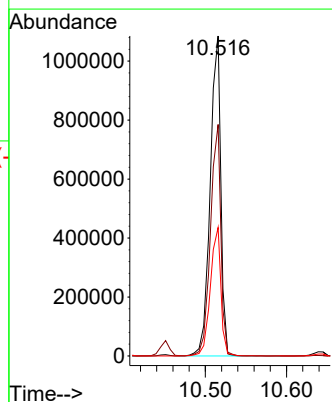
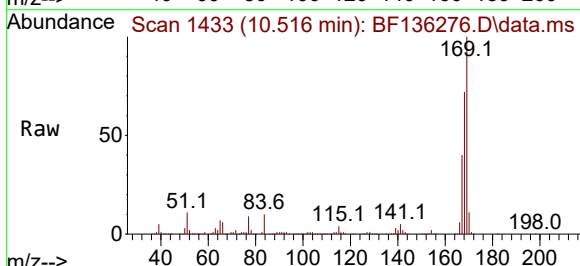
Manual Integrations
APPROVED

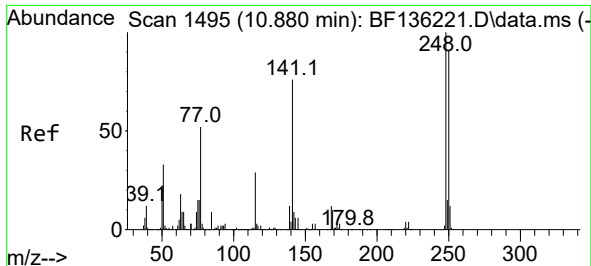
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#66
n-Nitrosodiphenylamine
Concen: 45.544 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Tgt Ion:169 Resp: 979804
Ion Ratio Lower Upper
169 100
168 72.4 57.8 86.6
167 40.1 32.7 49.1





#67
4-Bromophenyl-phenylether
Concen: 44.042 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

ClientSampleId :

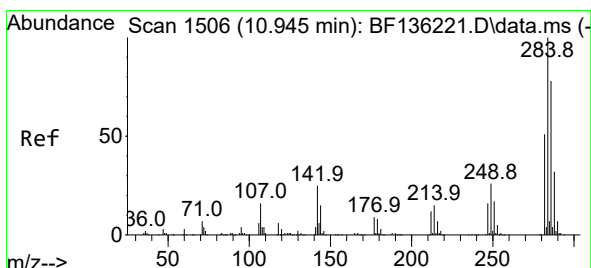
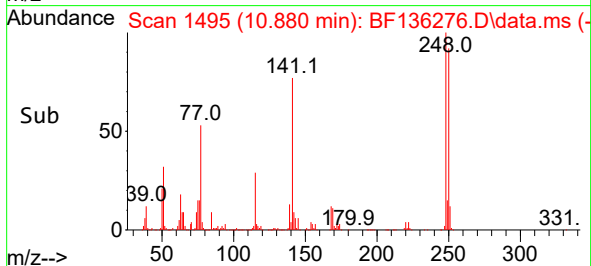
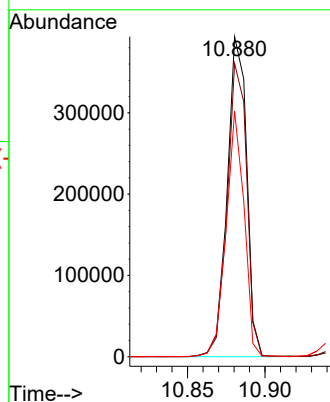
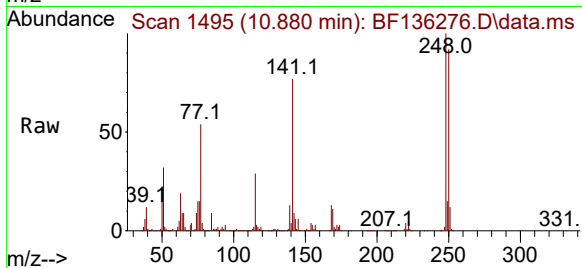
PB156824BS

Tgt Ion:248 Resp: 344937
Ion Ratio Lower Upper
248 100
250 91.7 72.5 108.7
141 76.7 60.8 91.2

Manual Integrations

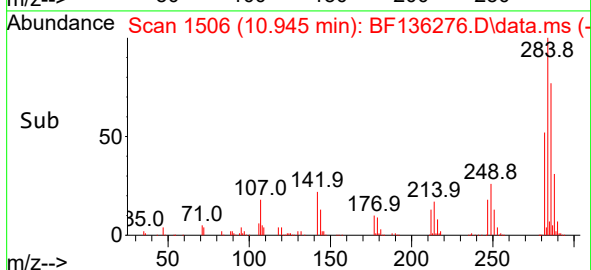
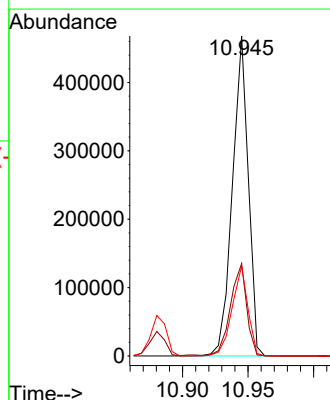
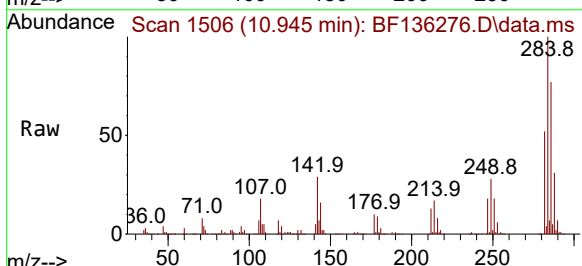
APPROVED

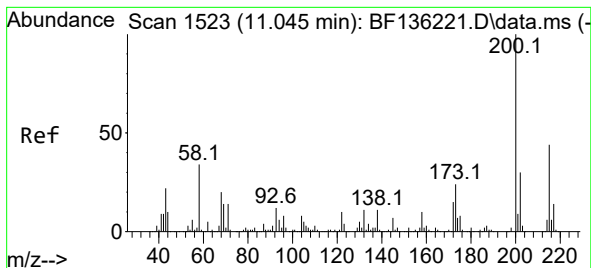
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#68
Hexachlorobenzene
Concen: 43.372 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Tgt Ion:284 Resp: 393147
Ion Ratio Lower Upper
284 100
142 28.9 19.8 29.8
249 28.1 21.0 31.4





#69

Atrazine

Concen: 30.833 ng

RT: 11.045 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156824BS

Tgt Ion:200 Resp: 196770

Ion Ratio Lower Upper

200 100

173 24.4 4.3 44.3

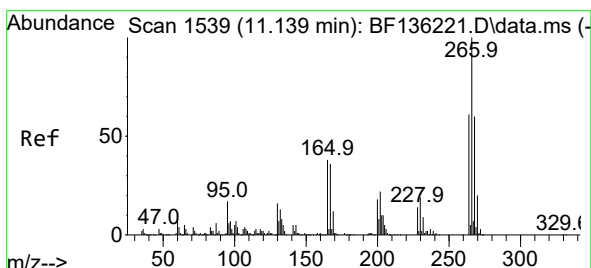
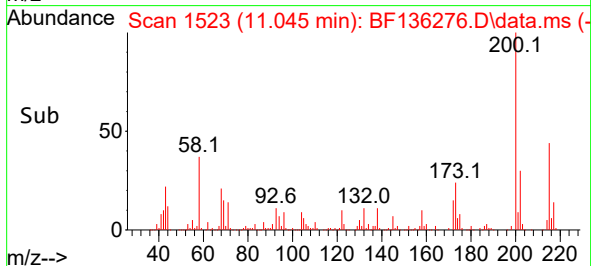
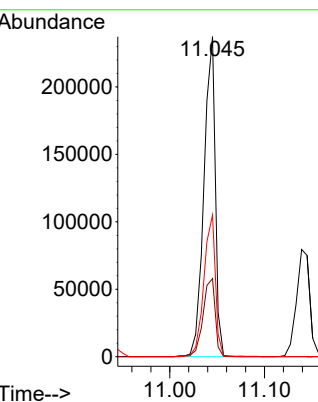
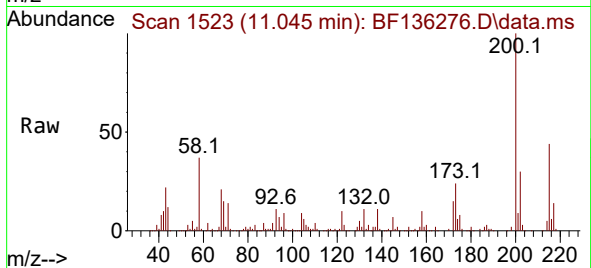
215 44.3 23.8 63.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#70

Pentachlorophenol

Concen: 82.464 ng

RT: 11.145 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

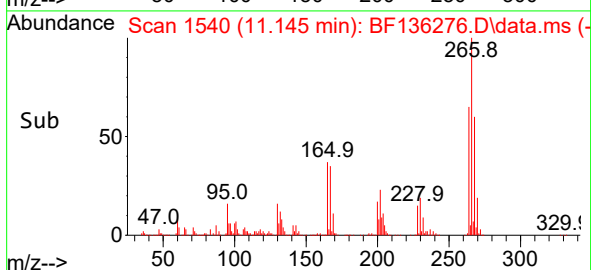
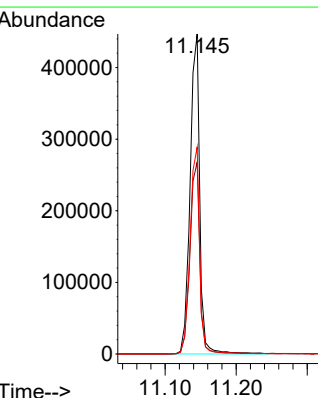
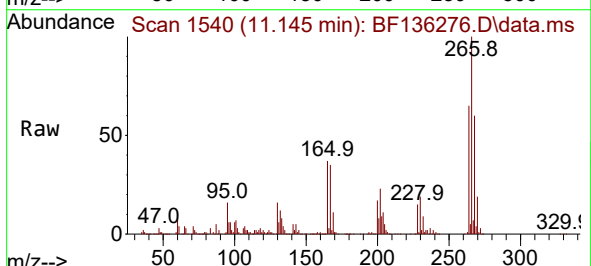
Tgt Ion:266 Resp: 422529

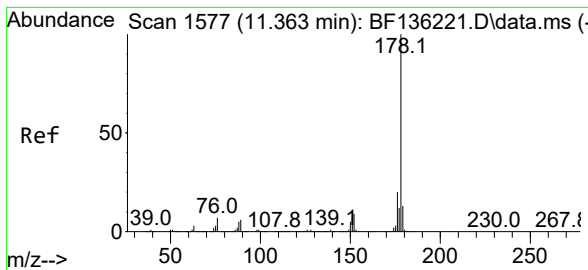
Ion Ratio Lower Upper

266 100

268 60.0 47.9 71.9

264 64.6 49.1 73.7





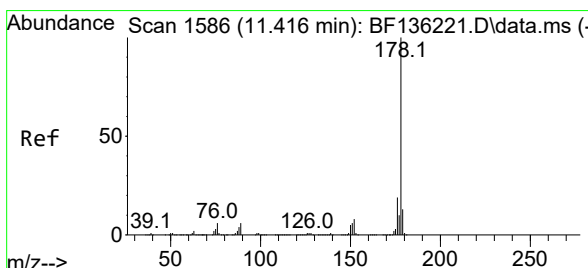
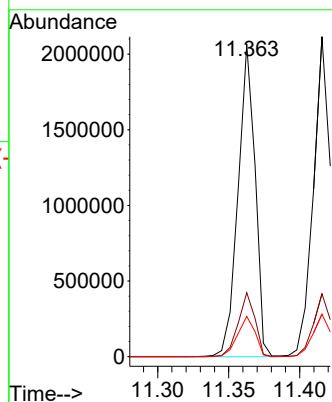
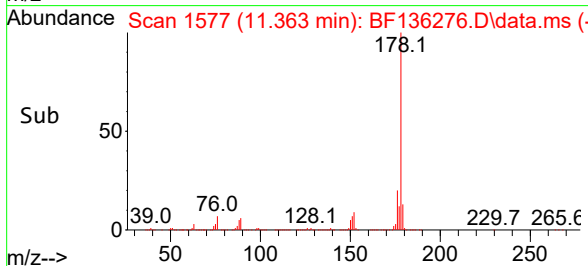
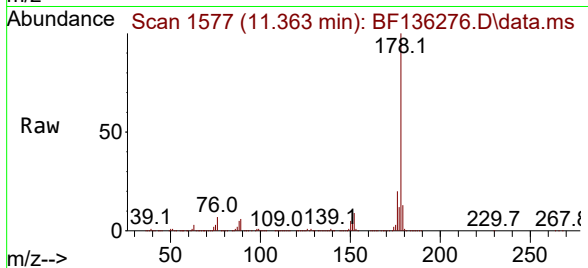
#71
Phenanthrene
Concen: 45.897 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Instrument :
BNA_F
ClientSampleId :
PB156824BS

Tgt Ion:178 Resp: 173175
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.2
179 12.9 10.3 15.5

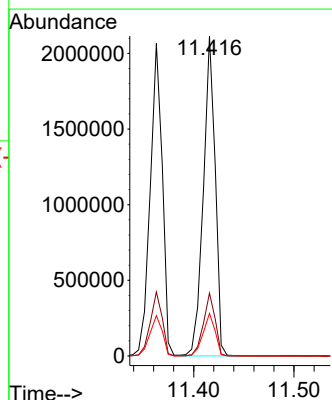
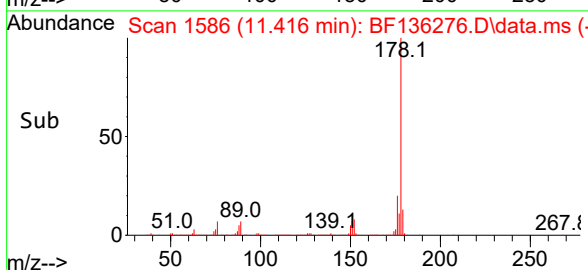
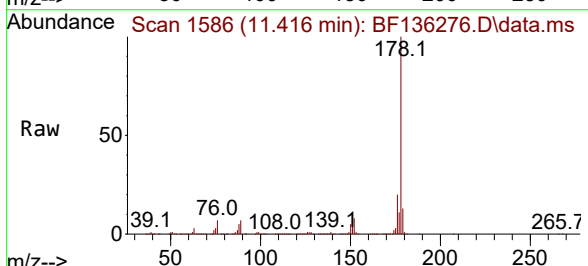
Manual Integrations
APPROVED

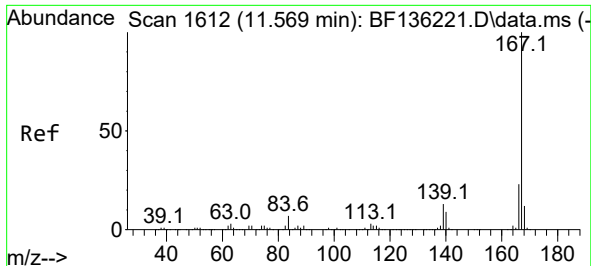
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#72
Anthracene
Concen: 46.121 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

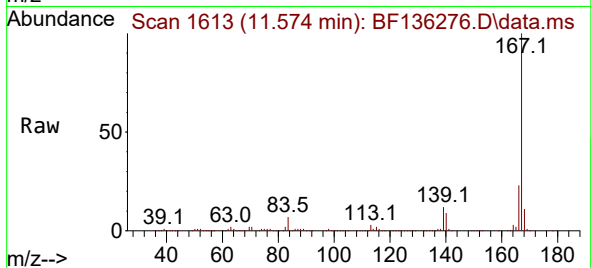
Tgt Ion:178 Resp: 1745119
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 13.3 10.5 15.7





#73
 Carbazole
 Concen: 45.255 ng
 RT: 11.574 min Scan# 1613
 Delta R.T. 0.006 min
 Lab File: BF136276.D
 Acq: 29 Nov 2023 11:14

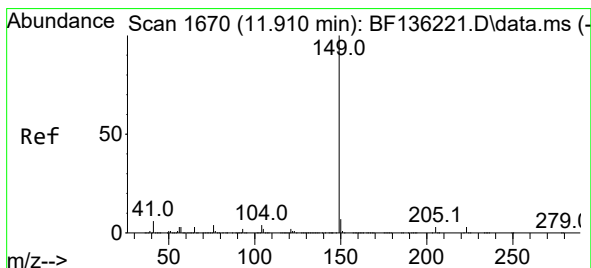
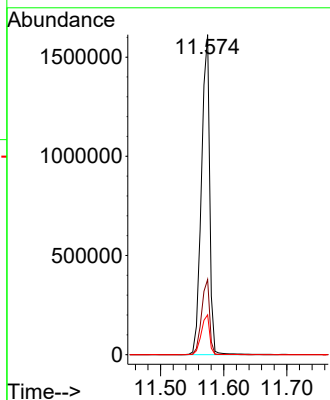
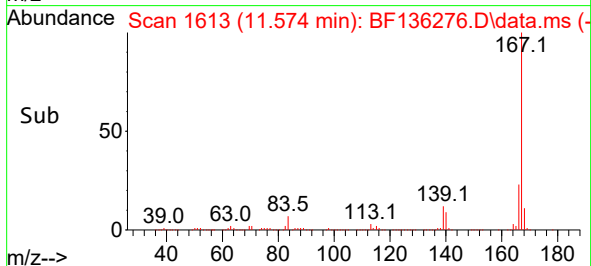
Instrument :
 BNA_F
 ClientSampleId :
 PB156824BS



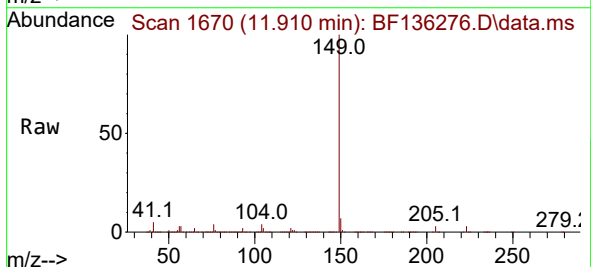
Tgt Ion:167 Resp: 1456370
 Ion Ratio Lower Upper
 167 100
 166 23.5 18.4 27.6
 139 12.5 10.5 15.7

Manual Integrations
 APPROVED

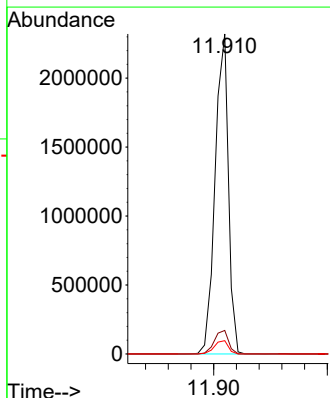
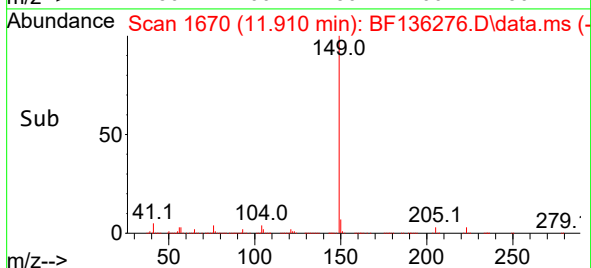
Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/01/2023

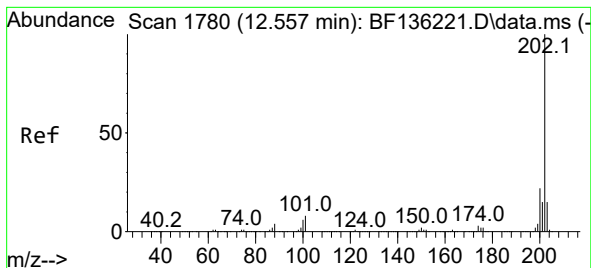


#74
 Di-n-butylphthalate
 Concen: 46.768 ng
 RT: 11.910 min Scan# 1670
 Delta R.T. 0.000 min
 Lab File: BF136276.D
 Acq: 29 Nov 2023 11:14



Tgt Ion:149 Resp: 1883166
 Ion Ratio Lower Upper
 149 100
 150 7.4 6.0 9.0
 104 4.1 3.5 5.3





#75

Fluoranthene

Concen: 44.394 ng

RT: 12.557 min Scan# 1780

Delta R.T. 0.000 min

Lab File: BF136276.D

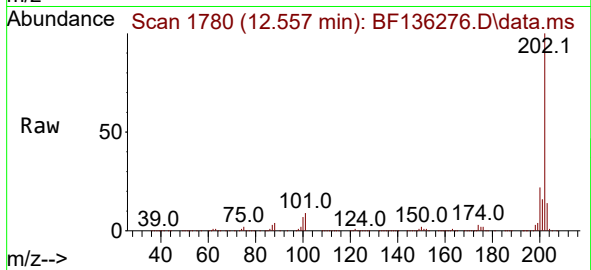
Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156824BS



Tgt Ion:202 Resp: 1700470

Ion Ratio Lower Upper

202 100

101 9.1 0.0 27.8

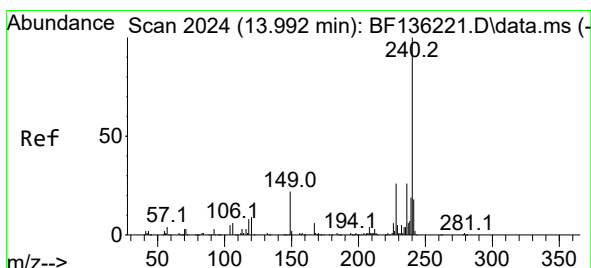
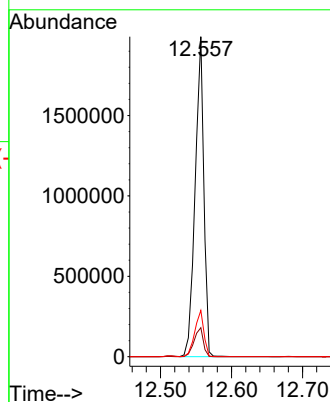
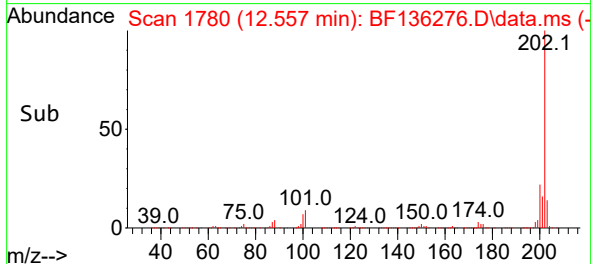
203 14.4 0.0 34.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 2024

Delta R.T. -0.000 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

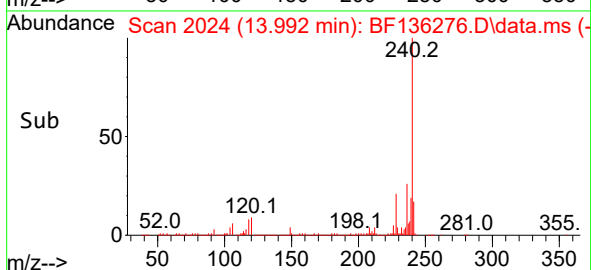
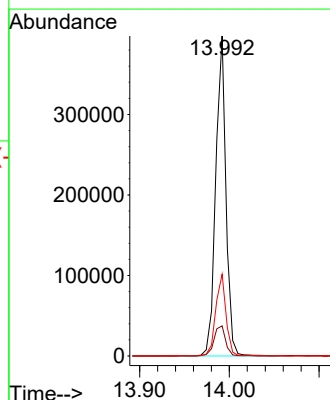
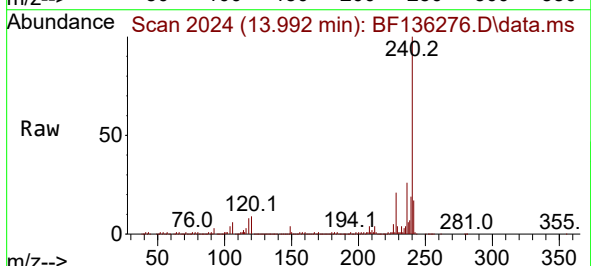
Tgt Ion:240 Resp: 314895

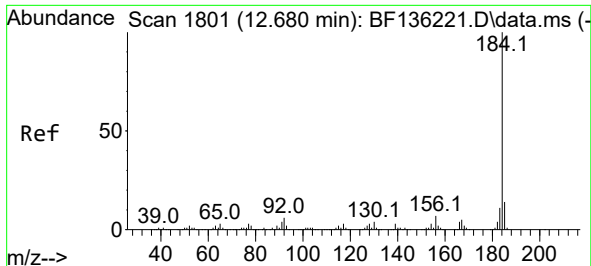
Ion Ratio Lower Upper

240 100

120 9.4 7.4 11.2

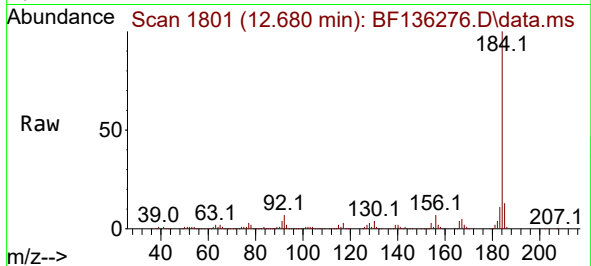
236 25.6 21.1 31.7





#77
Benzidine
Concen: 44.335 ng
RT: 12.680 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

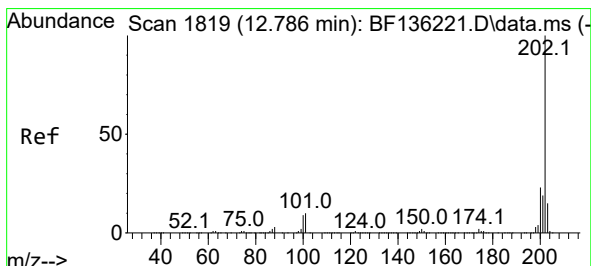
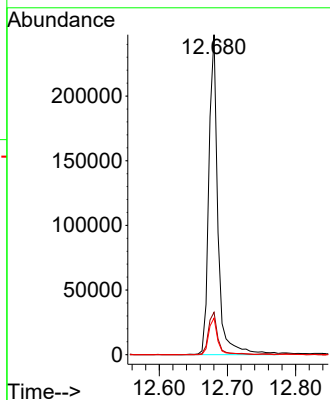
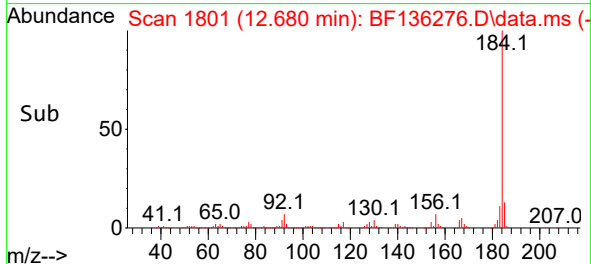
Instrument :
BNA_F
ClientSampleId :
PB156824BS



Tgt Ion:184 Resp: 22949
Ion Ratio Lower Upper
184 100
185 13.2 11.0 16.6
183 11.5 9.0 13.4

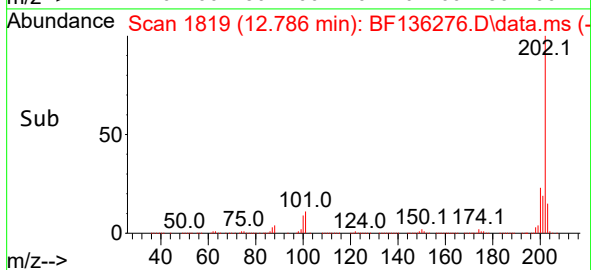
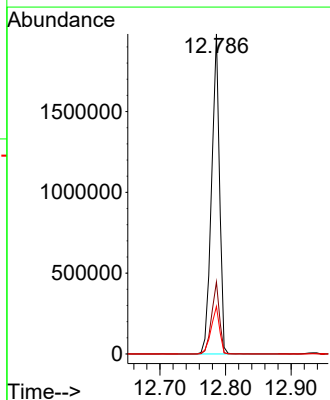
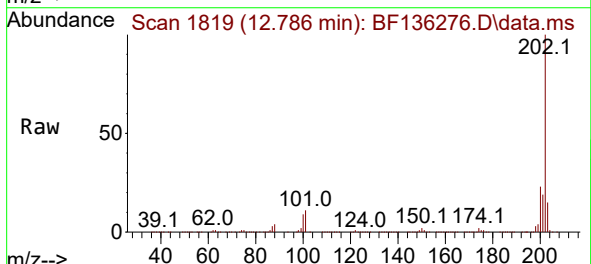
Manual Integrations
APPROVED

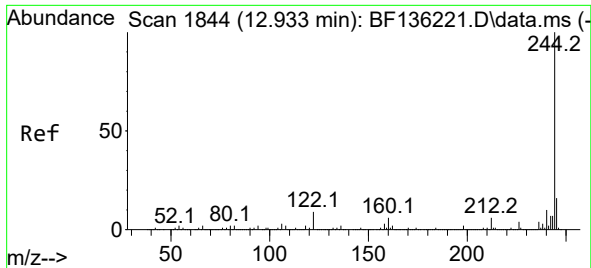
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#78
Pyrene
Concen: 48.537 ng
RT: 12.786 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Tgt Ion:202 Resp: 1673867
Ion Ratio Lower Upper
202 100
200 22.5 18.4 27.6
203 14.8 11.8 17.6





#79
 Terphenyl-d14
 Concen: 94.915 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: BF136276.D
 Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

ClientSampleId :

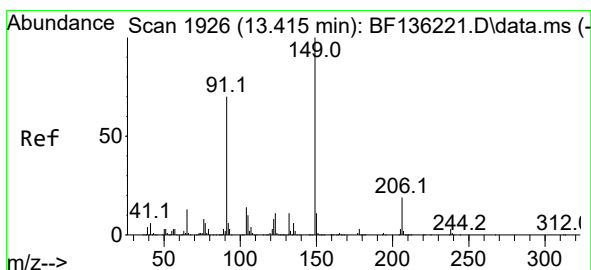
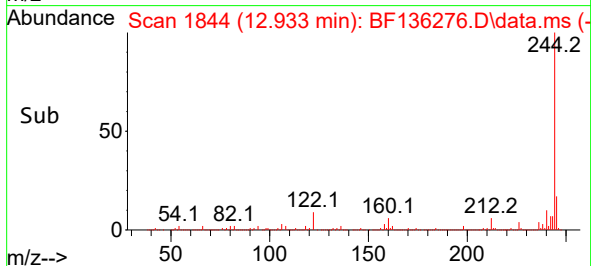
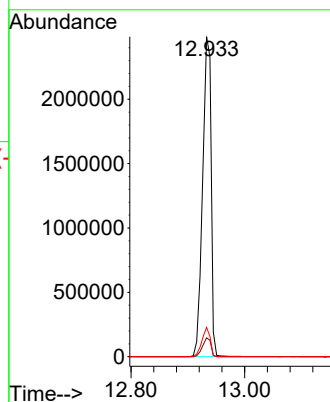
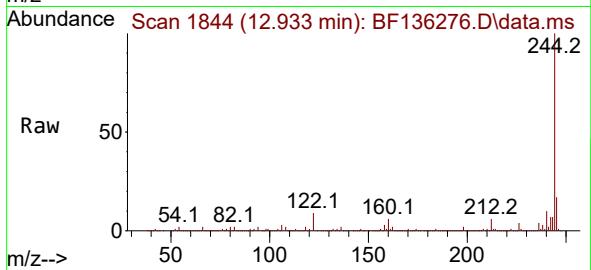
PB156824BS

Tgt Ion:244 Resp: 259113
 Ion Ratio Lower Upper
 244 100
 212 5.9 4.6 7.0
 122 9.2 7.3 10.9

Manual Integrations

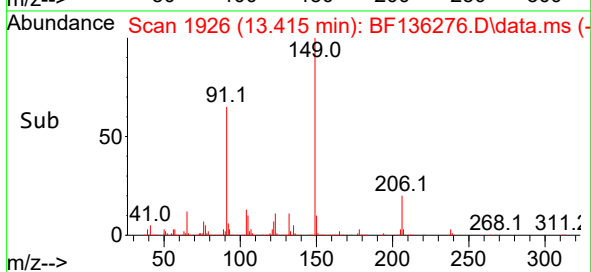
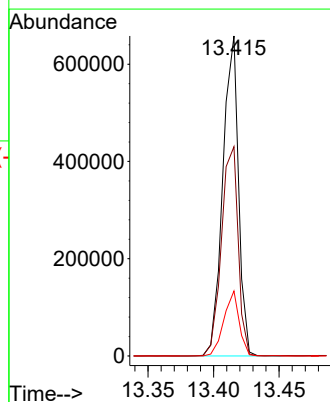
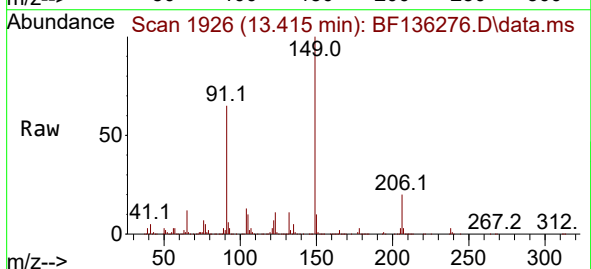
APPROVED

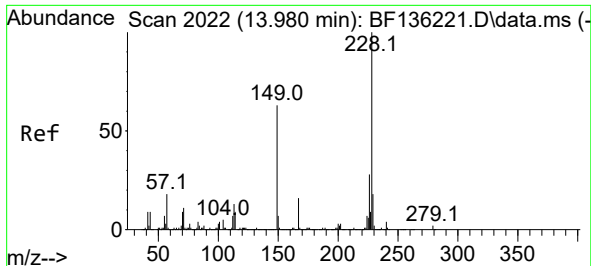
Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/01/2023



#80
 Butylbenzylphthalate
 Concen: 50.908 ng
 RT: 13.415 min Scan# 1926
 Delta R.T. 0.000 min
 Lab File: BF136276.D
 Acq: 29 Nov 2023 11:14

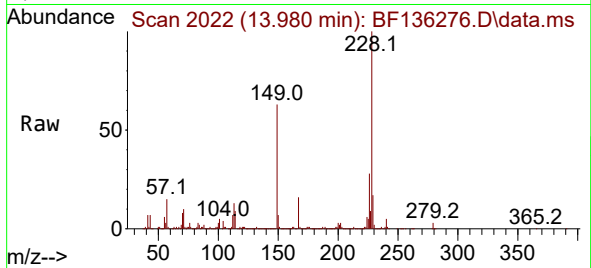
Tgt Ion:149 Resp: 546398
 Ion Ratio Lower Upper
 149 100
 91 65.4 56.4 84.6
 206 20.3 14.8 22.2





#81
Benzo(a)anthracene
Concen: 44.448 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

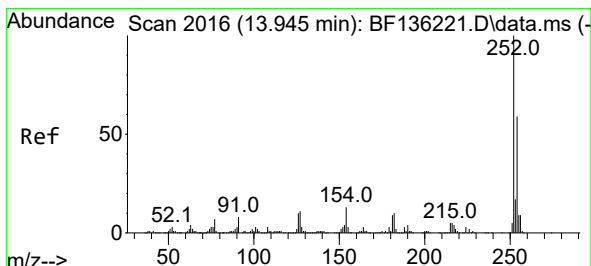
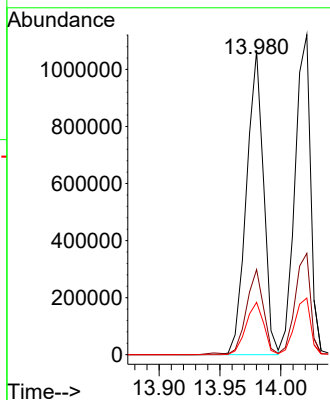
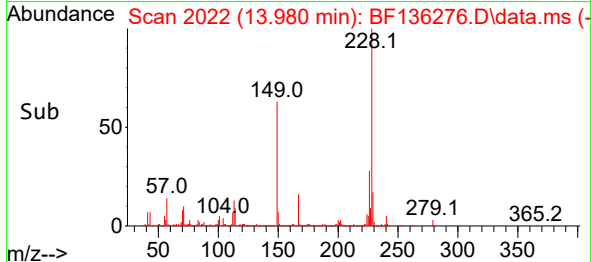
Instrument :
BNA_F
ClientSampleId :
PB156824BS



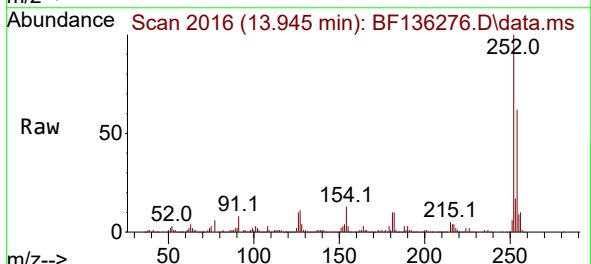
Tgt Ion:228 Resp: 103962
Ion Ratio Lower Upper
228 100
226 28.0 22.6 34.0
229 17.2 14.0 21.0

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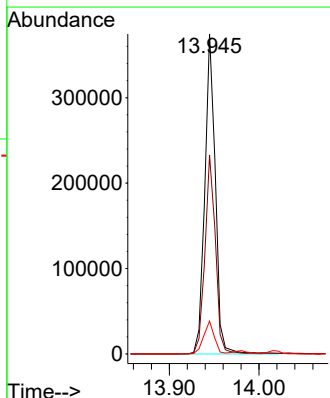
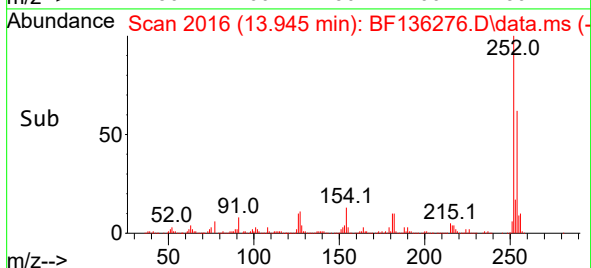
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

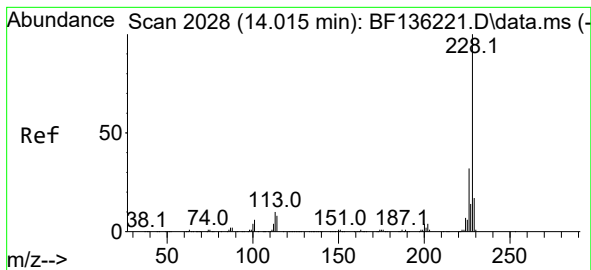


#82
3,3'-Dichlorobenzidine
Concen: 54.326 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14



Tgt Ion:252 Resp: 305863
Ion Ratio Lower Upper
252 100
254 62.2 47.4 71.2
126 10.3 8.3 12.5





#83

Chrysene

Concen: 44.490 ng

RT: 14.021 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156824BS

Tgt Ion:228 Resp: 100472

Ion Ratio Lower Upper

228 100

226 31.6 25.5 38.3

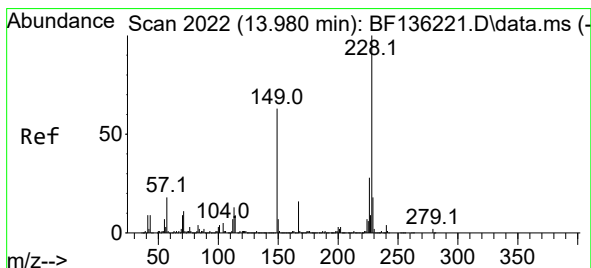
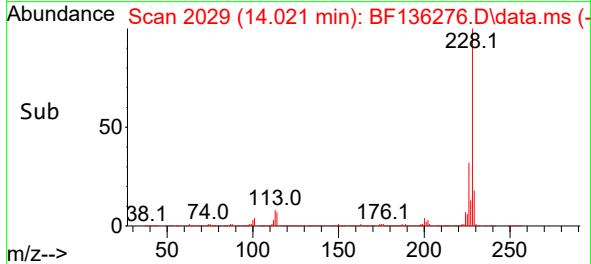
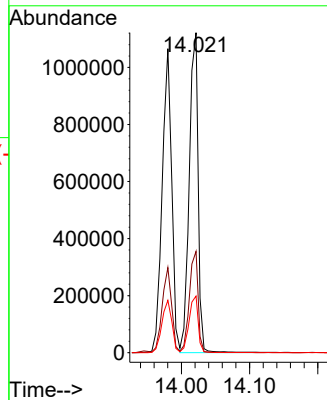
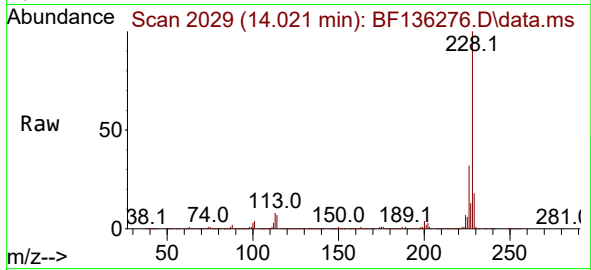
229 17.7 13.9 20.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.188 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF136276.D

Acq: 29 Nov 2023 11:14

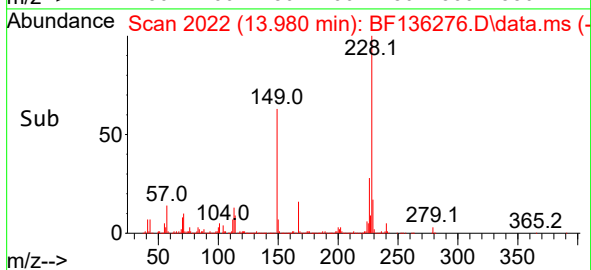
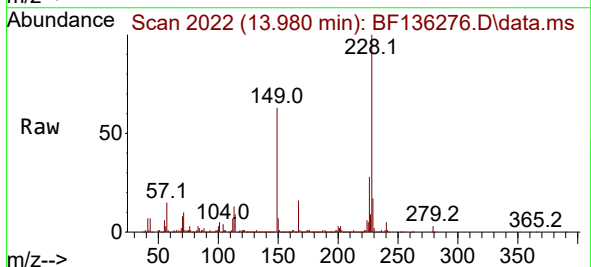
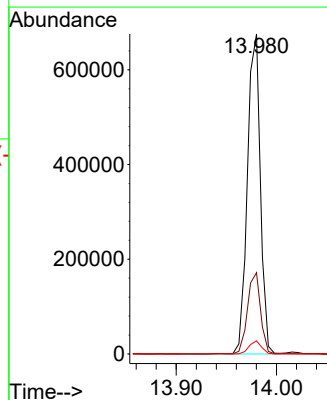
Tgt Ion:149 Resp: 607831

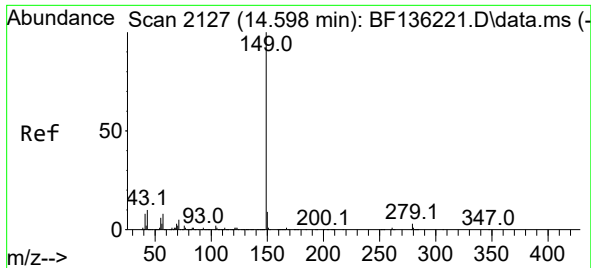
Ion Ratio Lower Upper

149 100

167 25.4 20.2 30.2

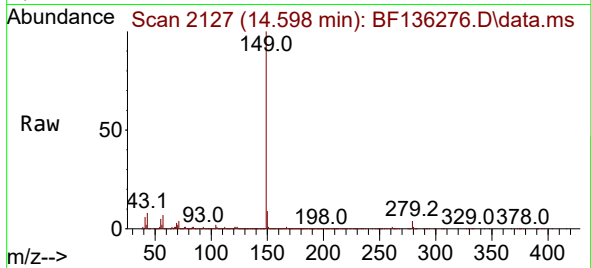
279 4.1 2.4 3.6#





#85
Di-n-octyl phthalate
Concen: 45.438 ng
RT: 14.598 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

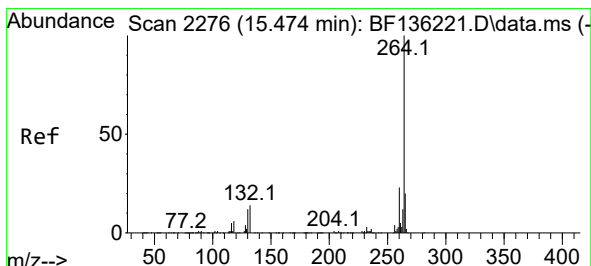
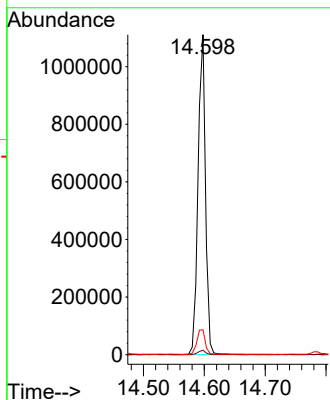
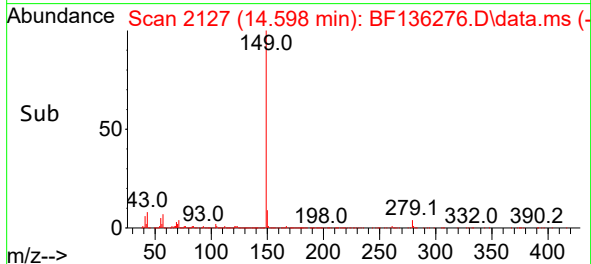
Instrument :
BNA_F
ClientSampleId :
PB156824BS



Tgt Ion:149 Resp: 944123
Ion Ratio Lower Upper
149 100
167 1.4 1.0 1.6
43 8.7 7.2 10.8

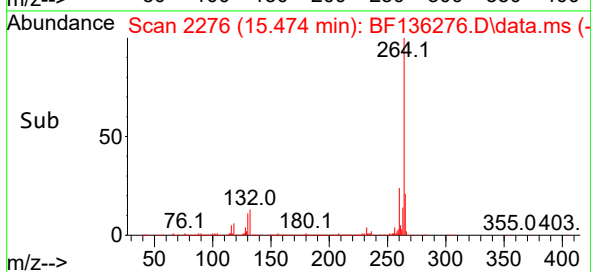
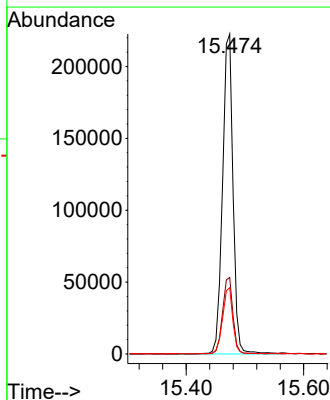
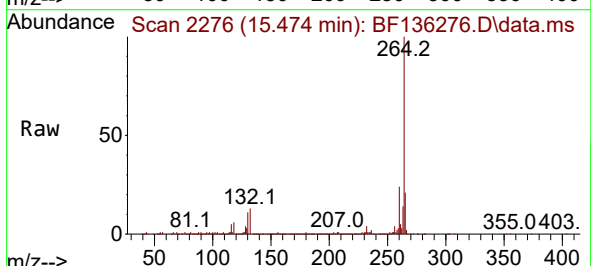
Manual Integrations
APPROVED

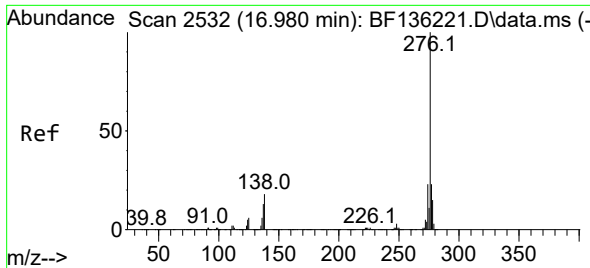
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2276
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Tgt Ion:264 Resp: 275800
Ion Ratio Lower Upper
264 100
260 23.9 18.6 27.8
265 20.7 15.7 23.5





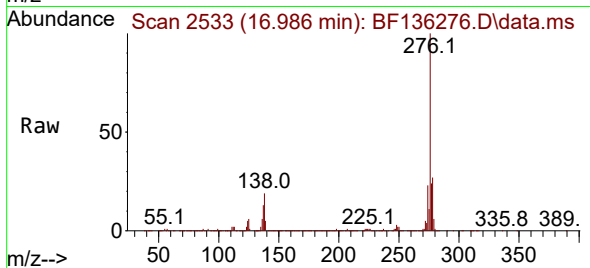
#87
Indeno(1,2,3-cd)pyrene
Concen: 46.636 ng
RT: 16.986 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156824BS

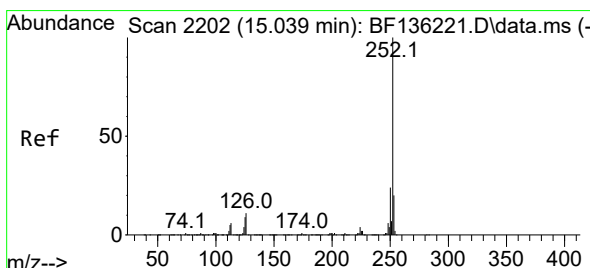
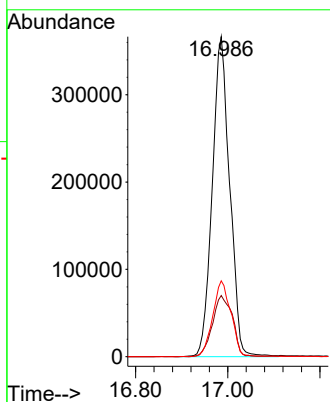
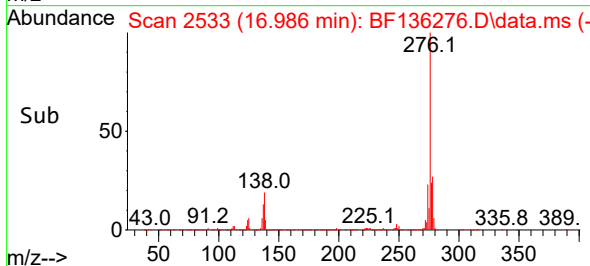


Tgt Ion:276 Resp: 95976
Ion Ratio Lower Upper
276 100
138 22.0 17.7 26.5
277 24.8 19.6 29.4

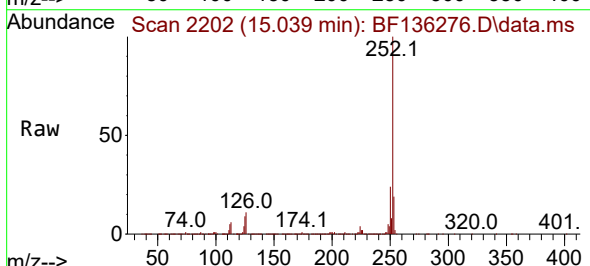
Manual Integrations

APPROVED

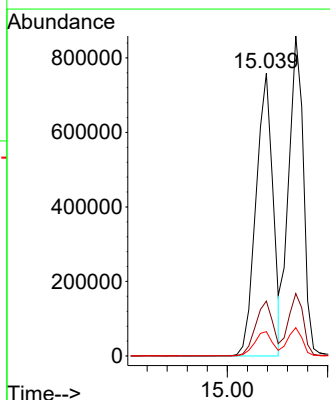
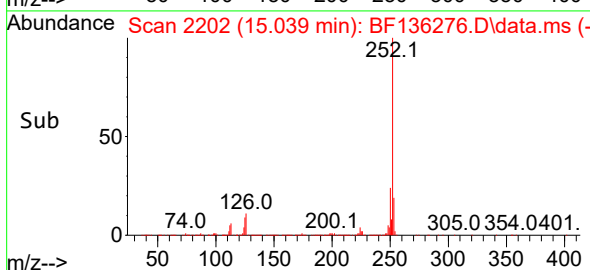
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

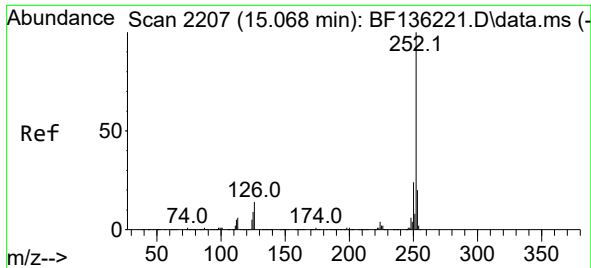


#88
Benzo(b)fluoranthene
Concen: 46.111 ng
RT: 15.039 min Scan# 2202
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14



Tgt Ion:252 Resp: 892238
Ion Ratio Lower Upper
252 100
253 19.4 16.2 24.2
125 8.6 6.9 10.3





#89
Benzo(k)fluoranthene
Concen: 48.206 ng
RT: 15.068 min Scan# 2207
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

ClientSampleId :

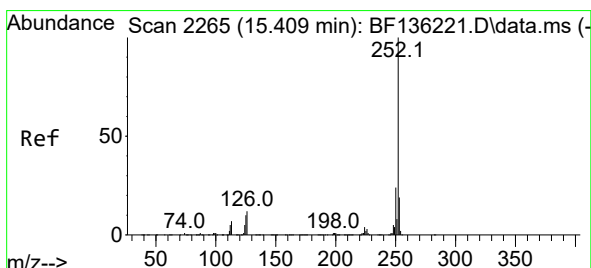
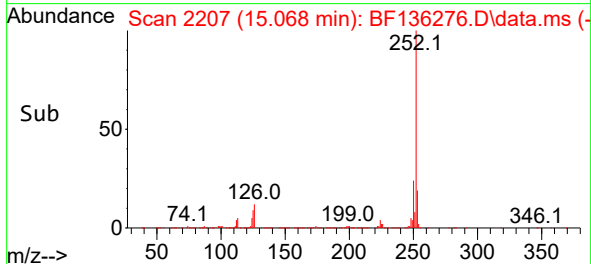
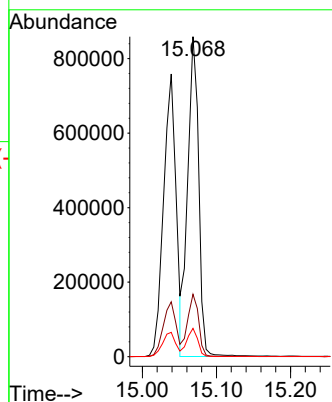
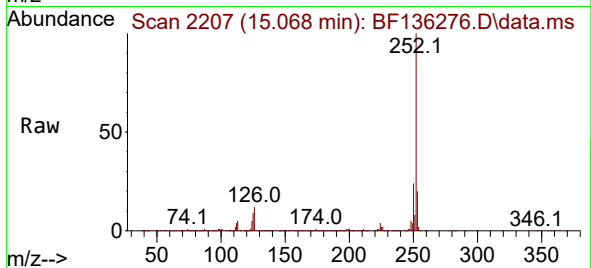
PB156824BS

Tgt Ion:252 Resp: 885918
Ion Ratio Lower Upper
252 100
253 19.5 15.6 23.4
125 8.8 7.0 10.4

Manual Integrations

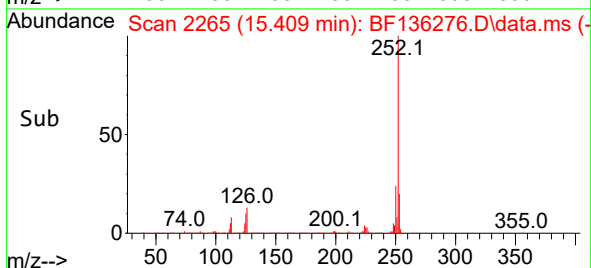
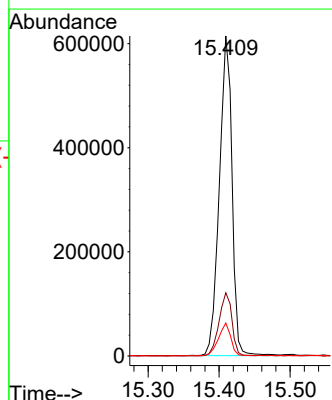
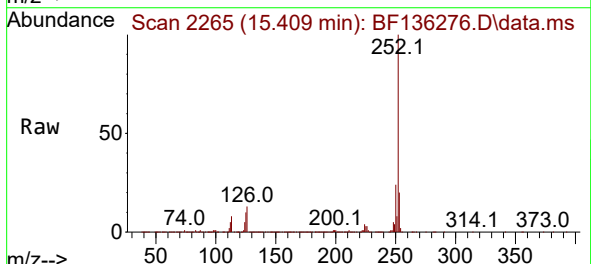
APPROVED

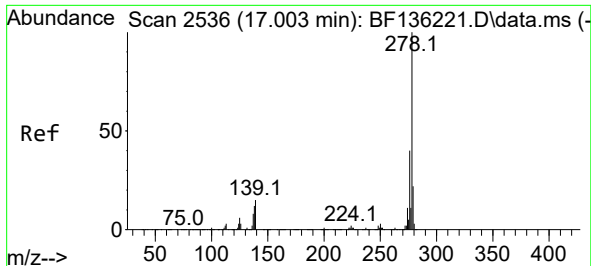
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#90
Benzo(a)pyrene
Concen: 47.830 ng
RT: 15.409 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Tgt Ion:252 Resp: 756574
Ion Ratio Lower Upper
252 100
253 19.8 15.5 23.3
125 10.3 7.9 11.9





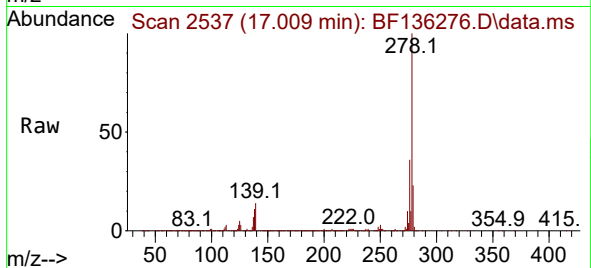
#91
Dibenzo(a,h)anthracene
Concen: 47.996 ng
RT: 17.009 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB156824BS

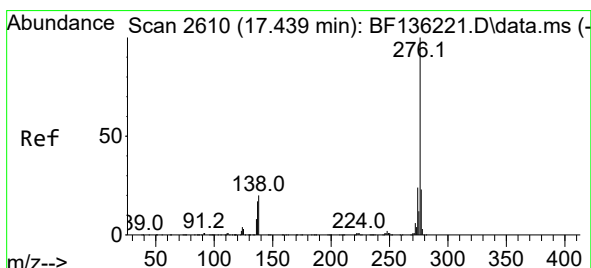
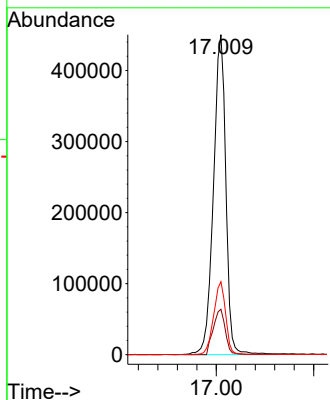
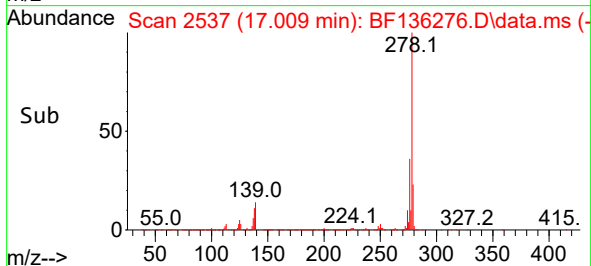


Tgt Ion:278 Resp: 79414
Ion Ratio Lower Upper
278 100
139 14.2 11.7 17.5
279 22.8 17.8 26.8

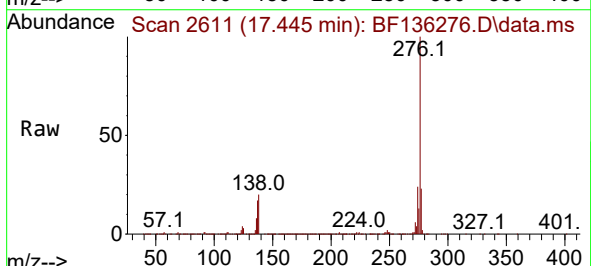
Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 46.330 ng
RT: 17.445 min Scan# 2611
Delta R.T. 0.006 min
Lab File: BF136276.D
Acq: 29 Nov 2023 11:14



Tgt Ion:276 Resp: 768085
Ion Ratio Lower Upper
276 100
277 22.9 18.6 27.8
138 19.9 15.8 23.8

