

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
 Data File : BF136243.D
 Acq On : 28 Nov 2023 11:55
 Operator : CG\JU
 Sample : PB157019BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157019BS

Manual Integrations
 APPROVED

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

Quant Time: Nov 28 12:38:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	144538	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	633277	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	328824	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	577886	20.000	ng	0.00
76) Chrysene-d12	13.986	240	274569	20.000	ng	0.00
86) Perylene-d12	15.468	264	276159	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1402878	135.092	ng	0.01
7) Phenol-d6	6.451	99	1697269	130.714	ng	0.00
23) Nitrobenzene-d5	7.369	82	1044263	87.138	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	516425	128.459	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2151030	83.556	ng	0.00
79) Terphenyl-d14	12.933	244	2045238	85.922	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.681	88	160966	40.966	ng	98
3) Pyridine	3.434	79	357792	36.888	ng	96
4) n-Nitrosodimethylamine	3.398	42	210548	42.943	ng	97
6) Aniline	6.475	93	502000	40.904	ng	96
8) 2-Chlorophenol	6.592	128	523546	46.302	ng	96
9) Benzaldehyde	6.357	77	84654	11.697	ng	97
10) Phenol	6.463	94	649511	46.626	ng	94
11) bis(2-Chloroethyl)ether	6.551	93	471385	46.127	ng	97
12) 1,3-Dichlorobenzene	6.745	146	558208	43.502	ng	97
13) 1,4-Dichlorobenzene	6.822	146	568574	43.587	ng	98
14) 1,2-Dichlorobenzene	6.975	146	534395	43.273	ng	98
15) Benzyl Alcohol	6.951	79	423242	46.491	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	634821	44.722	ng	100
17) 2-Methylphenol	7.063	107	418256	47.051	ng	97
18) Hexachloroethane	7.316	117	194810	42.576	ng	92
19) n-Nitroso-di-n-propyla...	7.222	70	353036	45.460	ng	99
20) 3+4-Methylphenols	7.216	107	518139	44.848	ng	97
22) Acetophenone	7.216	105	760515	45.726	ng	# 97
24) Nitrobenzene	7.386	77	517421	42.605	ng	98
25) Isophorone	7.628	82	961599	44.500	ng	99
26) 2-Nitrophenol	7.698	139	253635	49.017	ng	94
27) 2,4-Dimethylphenol	7.739	122	444945	65.331	ng	98
28) bis(2-Chloroethoxy)met...	7.839	93	579626	44.345	ng	99
29) 2,4-Dichlorophenol	7.939	162	429060	46.706	ng	95
30) 1,2,4-Trichlorobenzene	8.022	180	486162	43.225	ng	99
31) Naphthalene	8.104	128	1576483	44.289	ng	99
32) Benzoic acid	7.875	122	298854	48.147	ng	98
33) 4-Chloroaniline	8.157	127	426894	35.283	ng	98
34) Hexachlorobutadiene	8.222	225	269813	41.005	ng	98
35) Caprolactam	8.533	113	119669m	46.599	ng	
36) 4-Chloro-3-methylphenol	8.639	107	447895	44.955	ng	99
37) 2-Methylnaphthalene	8.798	142	977945	43.798	ng	99
38) 1-Methylnaphthalene	8.898	142	902604	41.438	ng	97
40) 1,2,4,5-Tetrachloroben...	8.963	216	464102	44.349	ng	99
41) Hexachlorocyclopentadiene	8.951	237	558056	138.589	ng	98
43) 2,4,6-Trichlorophenol	9.075	196	306381	45.106	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	320062	43.179	ng	97
46) 1,1'-Biphenyl	9.263	154	1291292	44.531	ng	98
47) 2-Chloronaphthalene	9.286	162	960882	42.670	ng	98
48) 2-Nitroaniline	9.386	65	267708	45.534	ng	94
49) Acenaphthylene	9.704	152	1452045	45.184	ng	100
50) Dimethylphthalate	9.575	163	1091737	43.928	ng	100
51) 2,6-Dinitrotoluene	9.633	165	224557	44.227	ng	96
52) Acenaphthene	9.880	154	887969	43.725	ng	99
53) 3-Nitroaniline	9.798	138	186149	36.950	ng	99
54) 2,4-Dinitrophenol	9.910	184	228412	96.728	ng	93
55) Dibenzofuran	10.051	168	1322435	43.761	ng	100
56) 4-Nitrophenol	9.969	139	316821	82.801	ng	88
57) 2,4-Dinitrotoluene	10.039	165	303731	44.784	ng	99
58) Fluorene	10.392	166	1026908	43.323	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.169	232	266523	45.190	ng	99
60) Diethylphthalate	10.275	149	1061744	42.707	ng	100
61) 4-Chlorophenyl-phenyle...	10.386	204	490955	42.650	ng	97
62) 4-Nitroaniline	10.422	138	200238	40.605	ng	95
63) Azobenzene	10.551	77	987764	42.857	ng	97
65) 4,6-Dinitro-2-methylph...	10.445	198	150756	47.705	ng	90
66) n-Nitrosodiphenylamine	10.510	169	869516	46.952	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	308423	45.747	ng	96
68) Hexachlorobenzene	10.939	284	349405	44.779	ng	# 92
69) Atrazine	11.039	200	165965	30.210	ng	98
70) Pentachlorophenol	11.139	266	362765	82.247	ng	97
71) Phenanthrene	11.363	178	1501142	46.218	ng	100
72) Anthracene	11.410	178	1514801	46.507	ng	100
73) Carbazole	11.569	167	1164857	42.049	ng	99
74) Di-n-butylphthalate	11.904	149	1535194	44.291	ng	100
75) Fluoranthene	12.551	202	1346223	40.829	ng	98
77) Benzidine	12.674	184	191910	42.520	ng	99
78) Pyrene	12.780	202	1324727	44.055	ng	99
80) Butylbenzylphthalate	13.410	149	433292	46.299	ng	96
81) Benzo(a)anthracene	13.974	228	944829	46.329	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	289331	58.937	ng	99
83) Chrysene	14.015	228	907013	46.062	ng	98
84) Bis(2-ethylhexyl)phtha...	13.980	149	555416	49.452	ng	# 98
85) Di-n-octyl phthalate	14.598	149	1000153	54.095	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	945724	45.937	ng	100
88) Benzo(b)fluoranthene	15.033	252	940644	48.550	ng	99
89) Benzo(k)fluoranthene	15.068	252	868202	47.181	ng	99
90) Benzo(a)pyrene	15.404	252	772304	48.761	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	771090	46.624	ng	100
92) Benzo(g,h,i)perylene	17.433	276	754583	45.492	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

Instrument :

BNA_F

ClientSampleId :

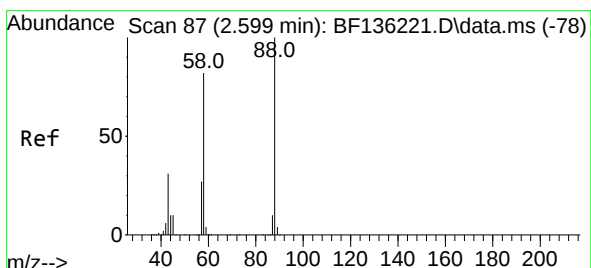
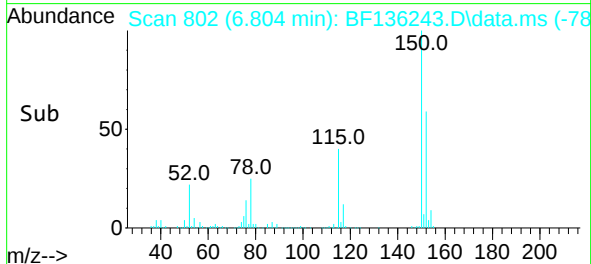
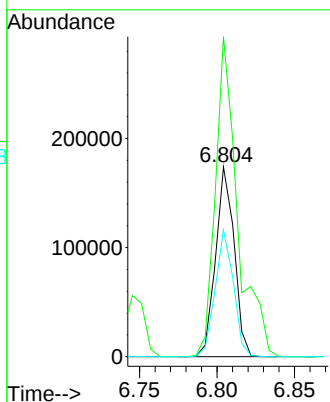
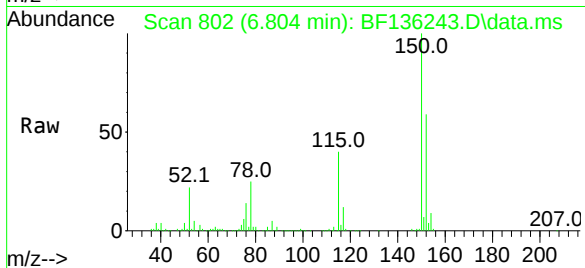
PB157019BS

Tgt Ion:152 Resp: 144538
Ion Ratio Lower Upper
152 100
150 168.7 137.8 206.8
115 66.8 52.7 79.1

Manual Integrations

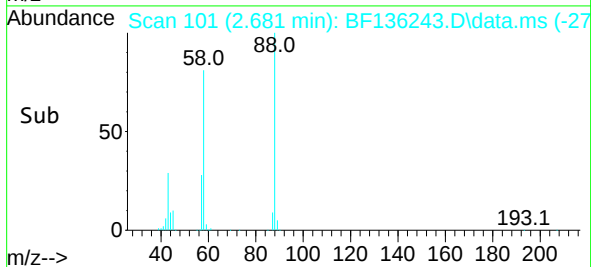
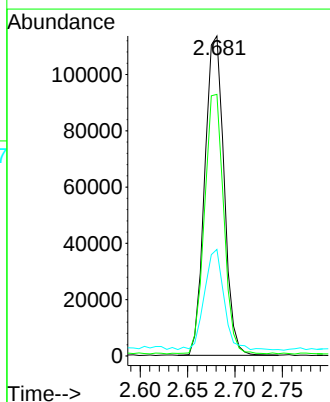
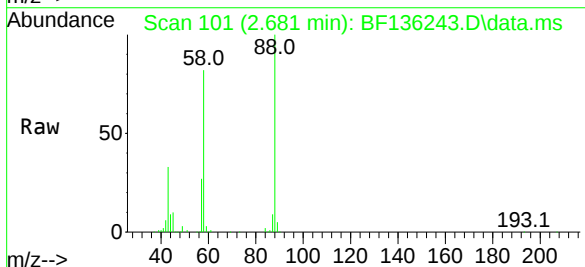
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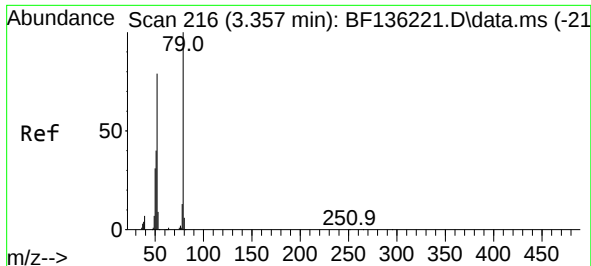
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#2
1,4-Dioxane
Concen: 40.966 ng
RT: 2.681 min Scan# 101
Delta R.T. 0.082 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

Tgt Ion: 88 Resp: 160966
Ion Ratio Lower Upper
88 100
58 80.6 65.9 98.9
43 32.3 24.8 37.2





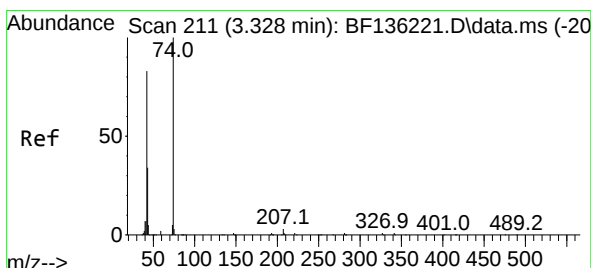
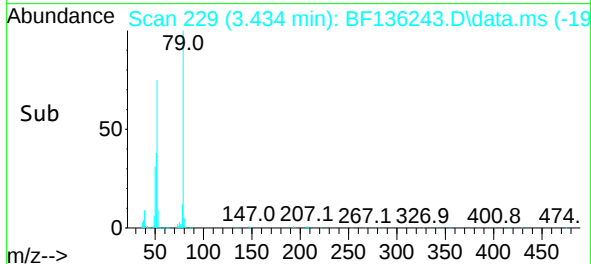
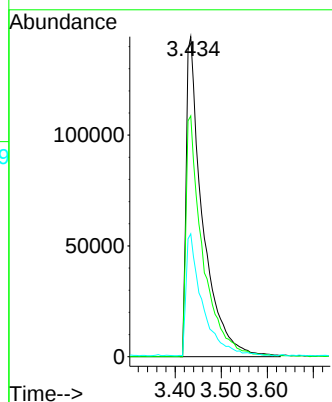
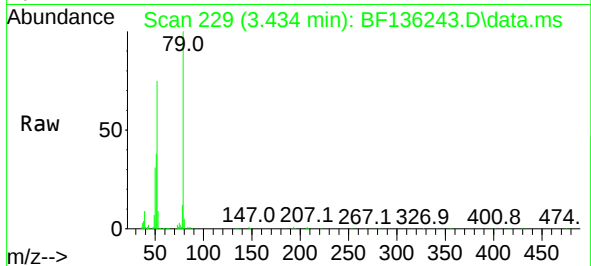
#3
Pyridine
Concen: 36.888 ng
RT: 3.434 min Scan# 216
Delta R.T. 0.076 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

Instrument :
BNA_F
ClientSampleId :
PB157019BS

Tgt Ion: 79 Resp: 357792
Ion Ratio Lower Upper
79 100
52 75.2 63.2 94.8
51 38.4 32.6 49.0

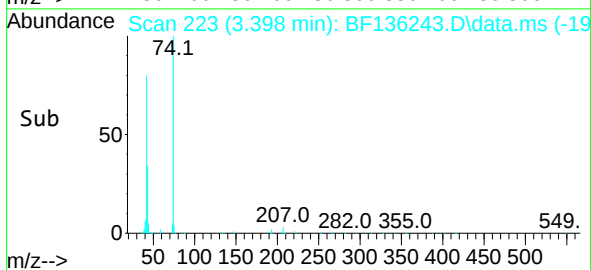
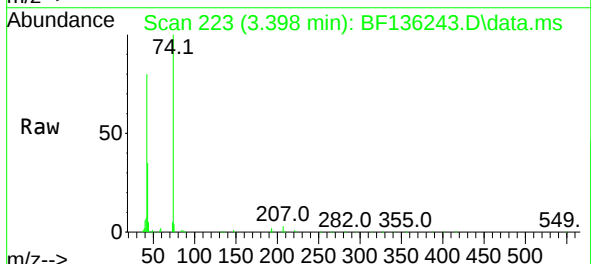
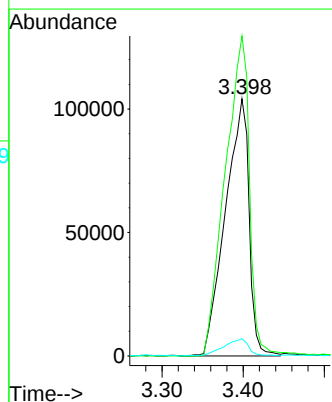
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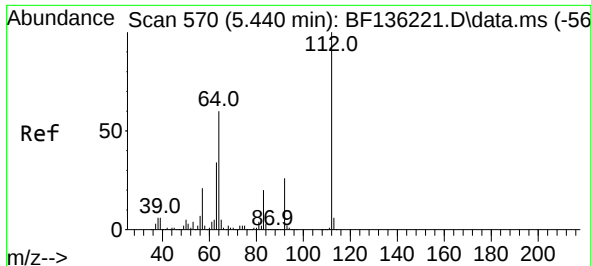
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#4
n-Nitrosodimethylamine
Concen: 42.943 ng
RT: 3.398 min Scan# 223
Delta R.T. 0.071 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

Tgt Ion: 42 Resp: 210548
Ion Ratio Lower Upper
42 100
74 124.5 96.6 144.8
44 6.7 5.4 8.2





#5
2-Fluorophenol
Concen: 135.092 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

Instrument :

BNA_F

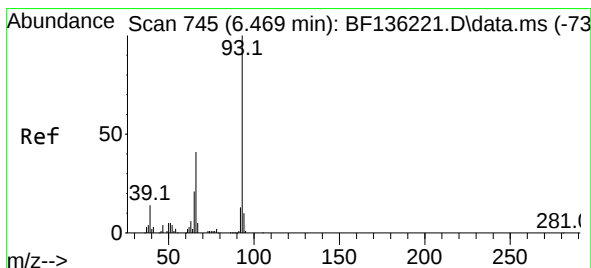
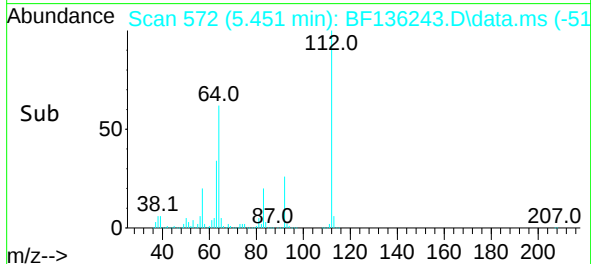
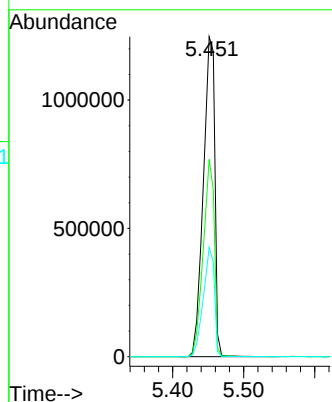
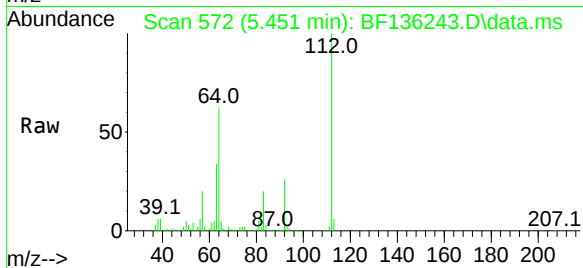
ClientSampleId :

PB157019BS

Tgt Ion:112 Resp: 1402878
Ion Ratio Lower Upper
112 100
64 61.6 48.2 72.4
63 34.1 27.0 40.6

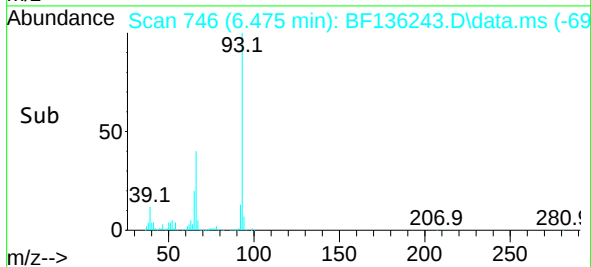
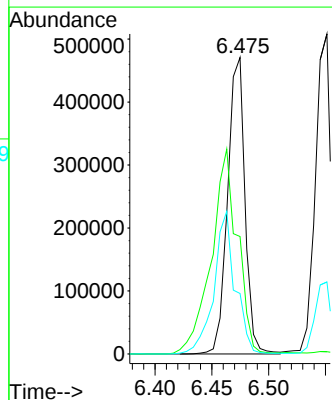
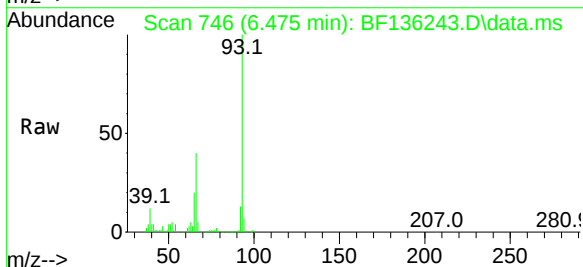
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#6
Aniline
Concen: 40.904 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

Tgt Ion: 93 Resp: 502000
Ion Ratio Lower Upper
93 100
66 39.6 34.1 51.1
65 20.4 17.3 25.9





#7

Phenol-d6

Concen: 130.714 ng

RT: 6.451 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF136243.D

Acq: 28 Nov 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB157019BS

Tgt Ion: 99 Resp: 1697269

Ion Ratio Lower Upper

99 100

42 17.5 15.0 22.6

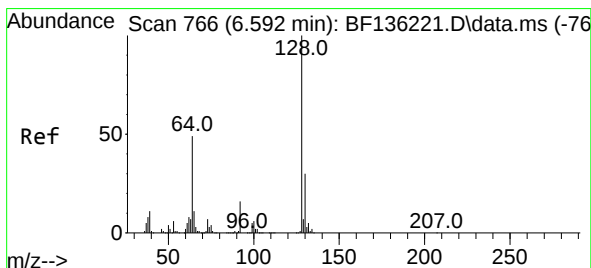
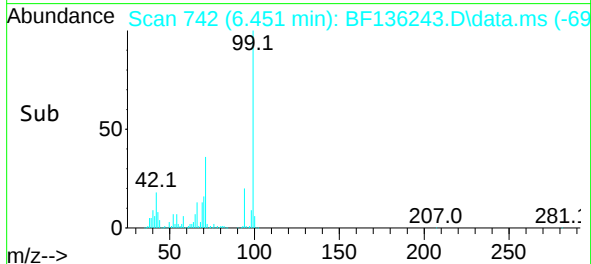
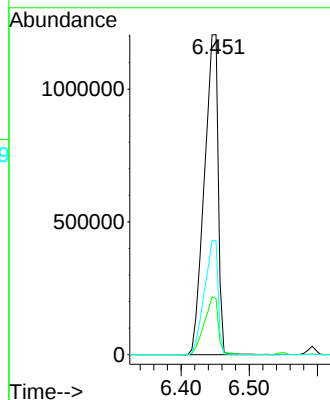
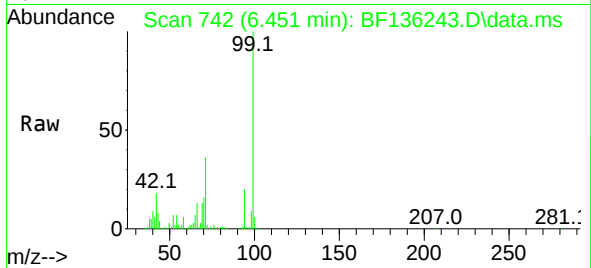
71 35.6 28.9 43.3

Manual Integrations

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Supervised By :mohammad ahmed 12/01/2023



#8

2-Chlorophenol

Concen: 46.302 ng

RT: 6.592 min Scan# 766

Delta R.T. 0.000 min

Lab File: BF136243.D

Acq: 28 Nov 2023 11:55

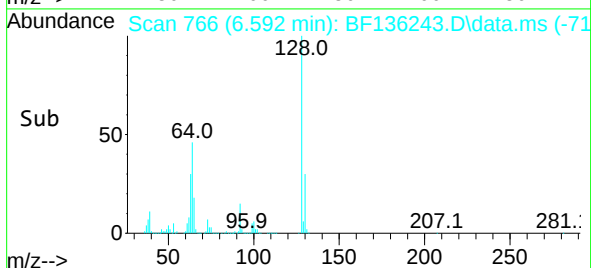
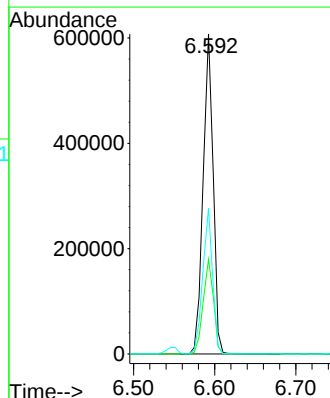
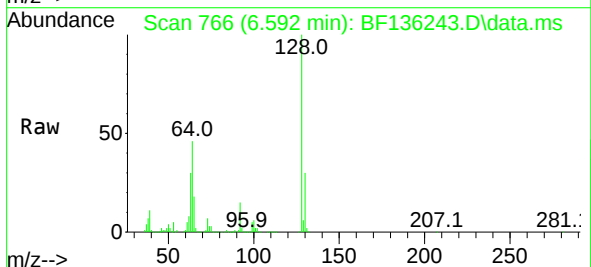
Tgt Ion:128 Resp: 523546

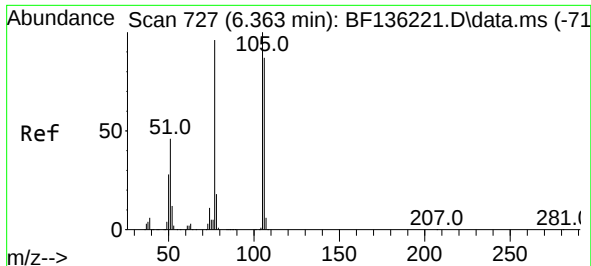
Ion Ratio Lower Upper

128 100

130 29.6 10.3 50.3

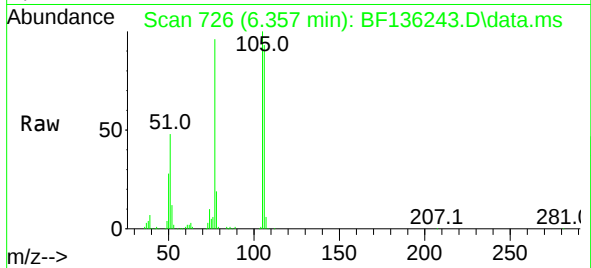
64 45.6 30.0 70.0





#9
Benzaldehyde
Concen: 11.697 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

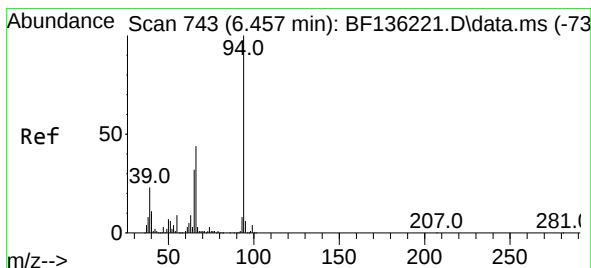
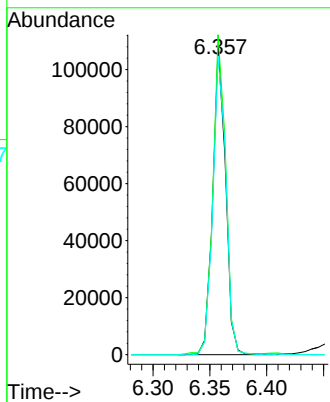
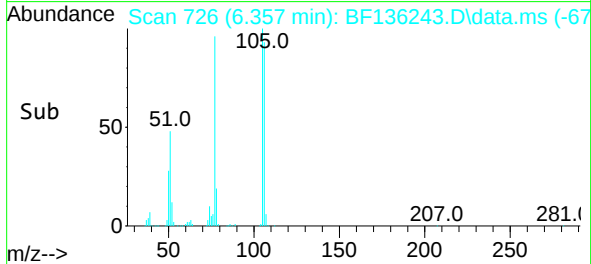
Instrument :
BNA_F
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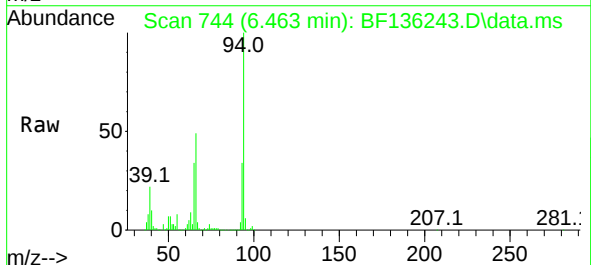
Tgt Ion: 77 Resp: 84654
Ion Ratio Lower Upper
77 100
105 104.1 84.3 124.3
106 97.3 71.0 111.0

Manual Integrations
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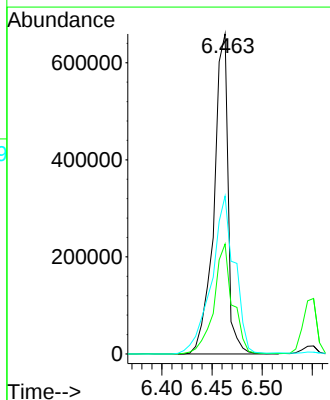
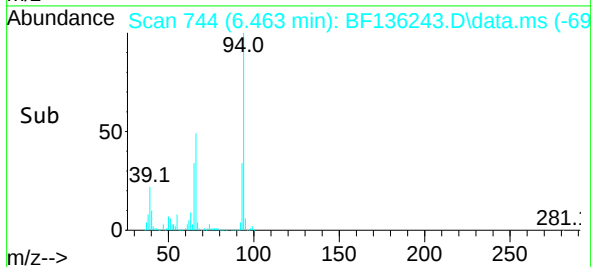
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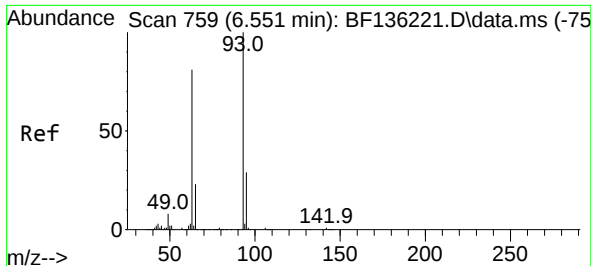


#10
Phenol
Concen: 46.626 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55



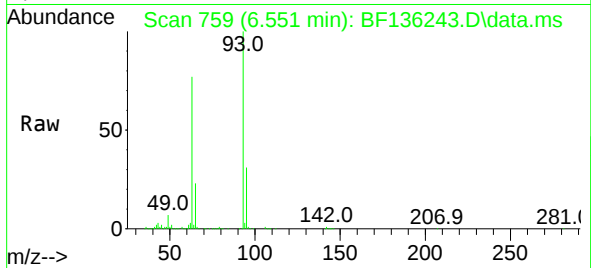
Tgt Ion: 94 Resp: 649511
Ion Ratio Lower Upper
94 100
65 34.4 12.5 52.5
66 49.4 24.1 64.1





#11
bis(2-Chloroethyl)ether
Concen: 46.127 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

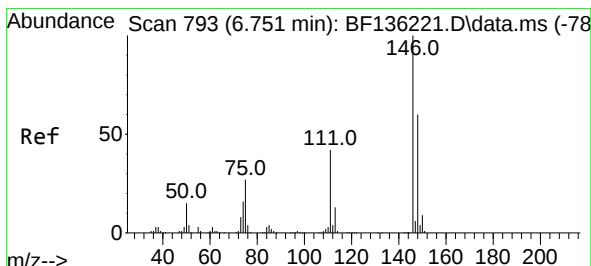
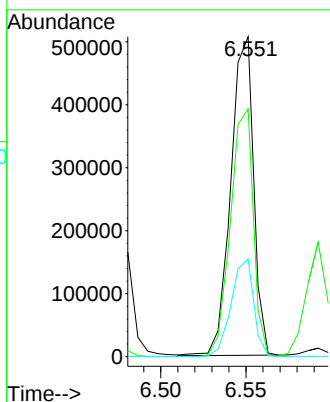
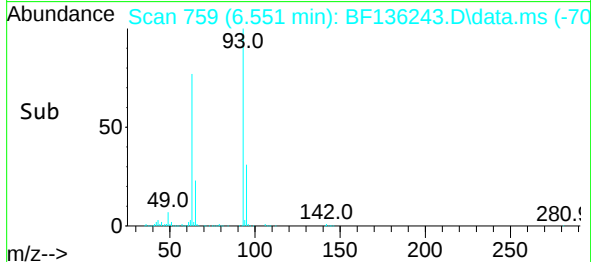
Instrument :
BNA_F
ClientSampleId :
PB157019BS



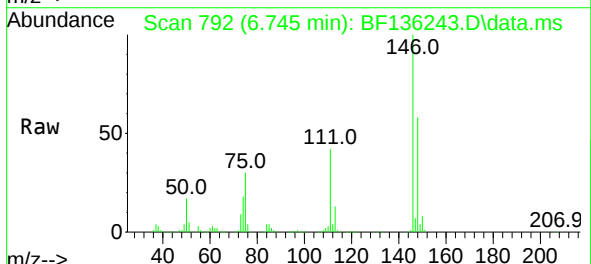
Tgt Ion: 93 Resp: 471385
Ion Ratio Lower Upper
93 100
63 77.4 60.2 100.2
95 30.5 9.1 49.1

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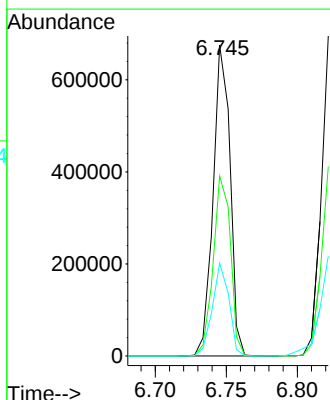
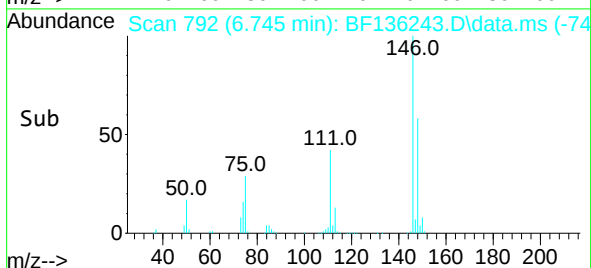
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

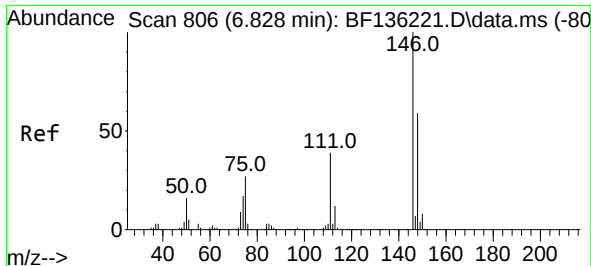


#12
1,3-Dichlorobenzene
Concen: 43.502 ng
RT: 6.745 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55



Tgt Ion:146 Resp: 558208
Ion Ratio Lower Upper
146 100
148 57.9 47.8 71.6
75 29.8 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 43.587 ng

RT: 6.822 min Scan# 806

Delta R.T. -0.006 min

Lab File: BF136243.D

Acq: 28 Nov 2023 11:55

Instrument :

BNA_F

ClientSampleId :

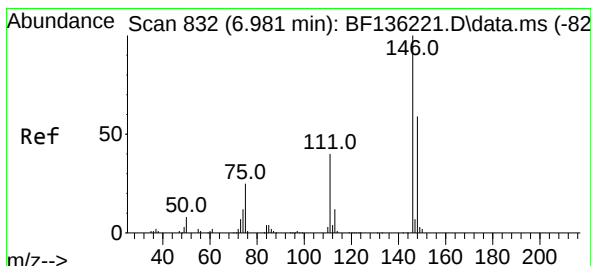
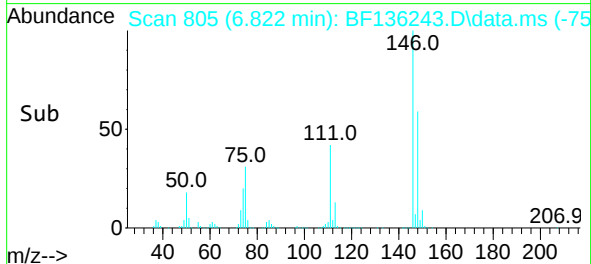
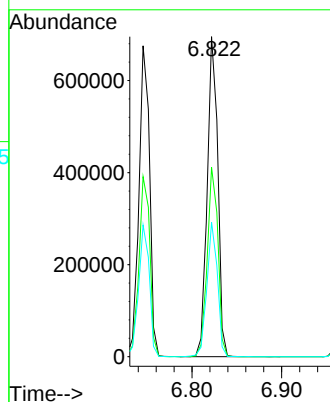
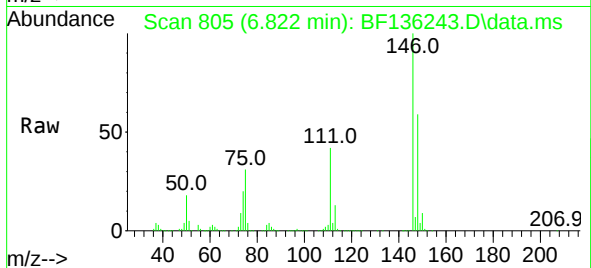
PB157019BS

Tgt Ion:146 Resp: 568574
 Ion Ratio Lower Upper
 146 100
 148 59.2 47.0 70.6
 111 42.0 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: 43.273 ng

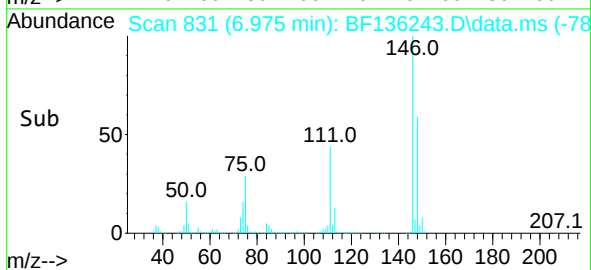
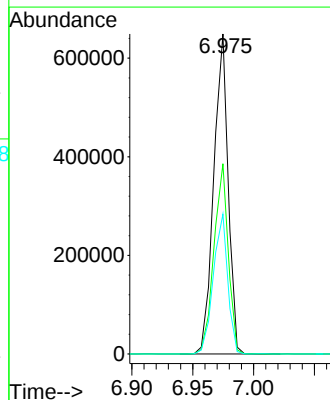
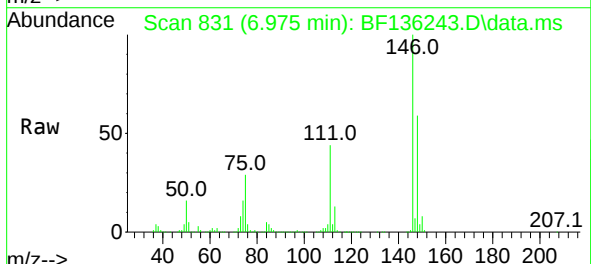
RT: 6.975 min Scan# 831

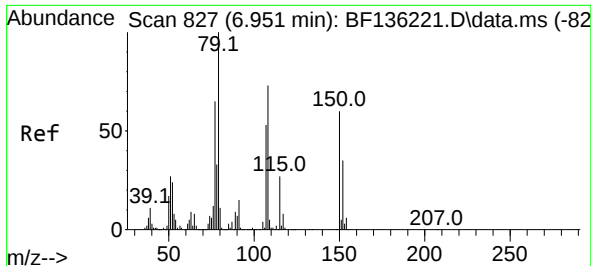
Delta R.T. -0.006 min

Lab File: BF136243.D

Acq: 28 Nov 2023 11:55

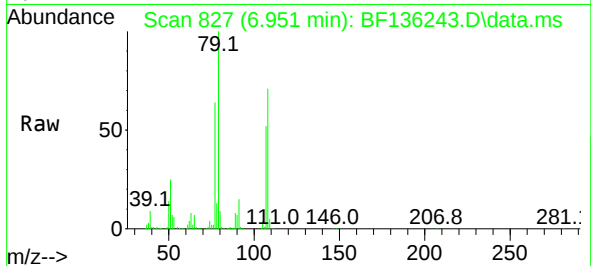
Tgt Ion:146 Resp: 534395
 Ion Ratio Lower Upper
 146 100
 148 59.4 47.3 70.9
 111 43.7 32.4 48.6





#15
Benzyl Alcohol
Concen: 46.491 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

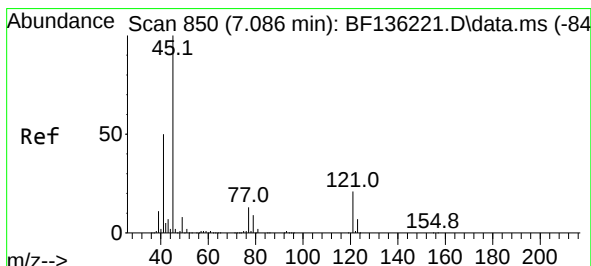
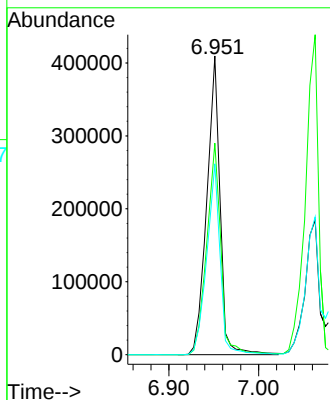
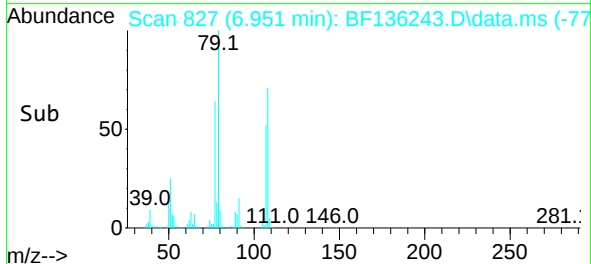
Instrument :
BNA_F
ClientSampleId :
PB157019BS



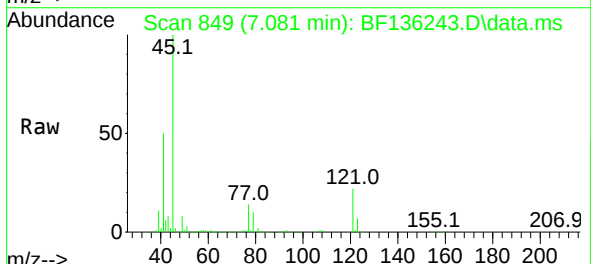
Tgt Ion: 79 Resp: 42324
Ion Ratio Lower Upper
79 100
108 70.8 58.1 87.1
77 63.9 51.8 77.8

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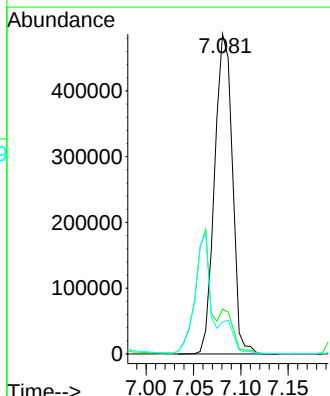
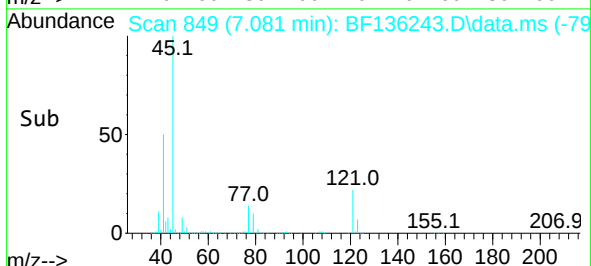
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

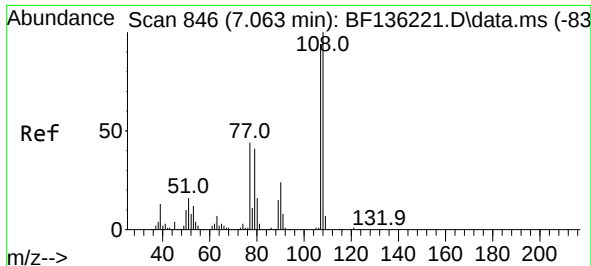


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.722 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55



Tgt Ion: 45 Resp: 634821
Ion Ratio Lower Upper
45 100
77 14.0 0.0 34.0
79 10.0 0.0 30.1





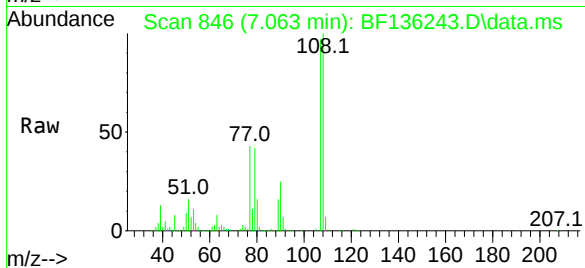
#17
2-Methylphenol
Concen: 47.051 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB157019BS

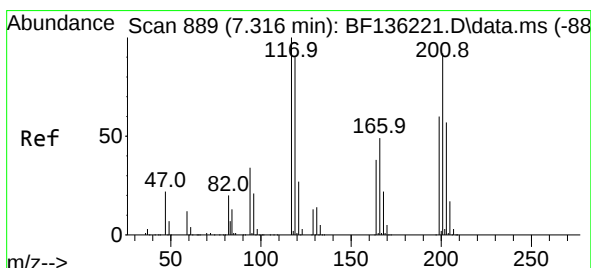
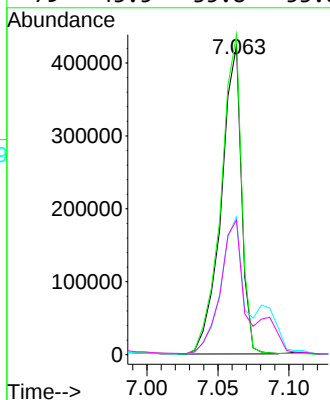
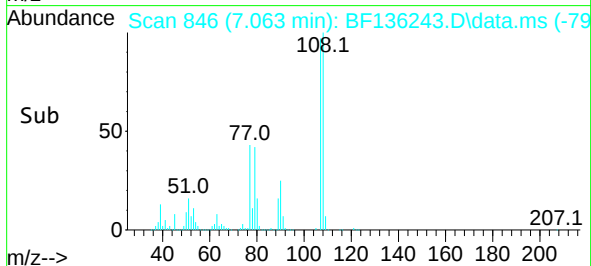


Tgt Ion:107 Resp: 418250
Ion Ratio Lower Upper
107 100
108 103.5 85.4 128.0
77 44.6 37.4 56.2
79 43.5 35.8 53.8

Manual Integrations

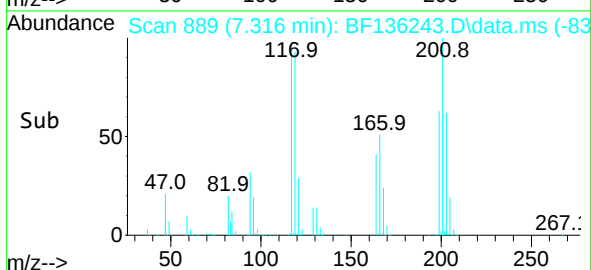
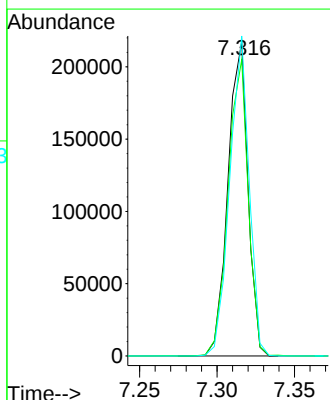
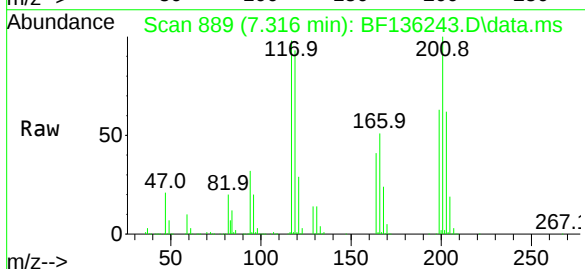
APPROVED

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



#18
Hexachloroethane
Concen: 42.576 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

Tgt Ion:117 Resp: 194810
Ion Ratio Lower Upper
117 100
119 94.4 71.6 107.4
201 101.9 73.4 110.2





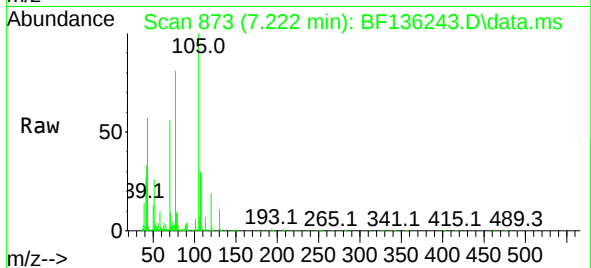
#19
n-Nitroso-di-n-propylamine
Concen: 45.460 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

Instrument :

BNA_F

ClientSampleId :

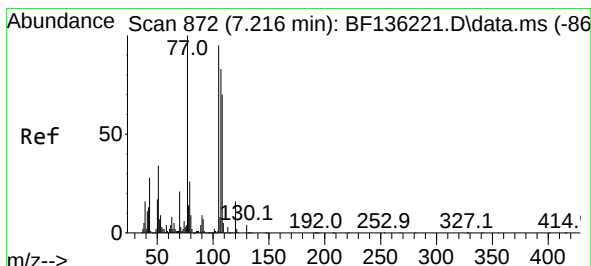
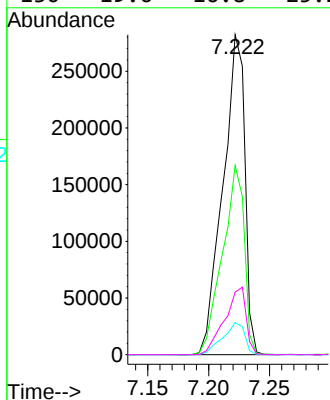
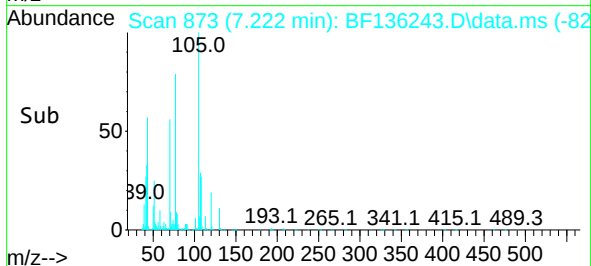
PB157019BS



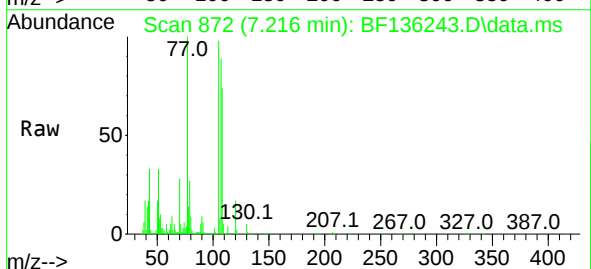
Tgt Ion: 70 Resp: 353030
Ion Ratio Lower Upper
70 100
42 59.2 47.0 70.4
101 10.1 7.8 11.8
130 19.6 16.8 25.2

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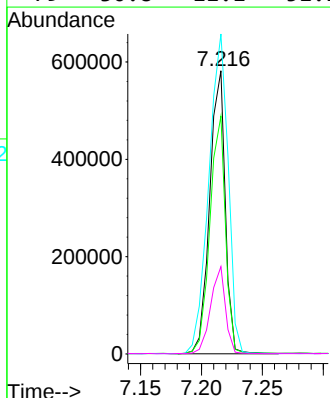
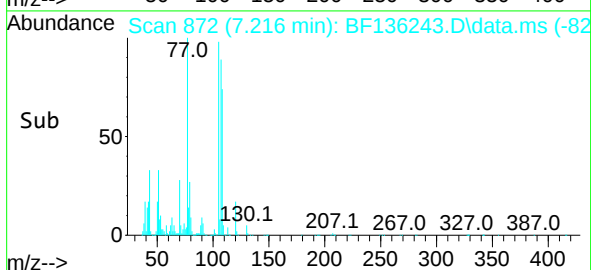
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#20
3+4-Methylphenols
Concen: 44.848 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55



Tgt Ion:107 Resp: 518139
Ion Ratio Lower Upper
107 100
108 84.0 63.9 103.9
77 113.0 100.2 140.2
79 30.8 11.1 51.1





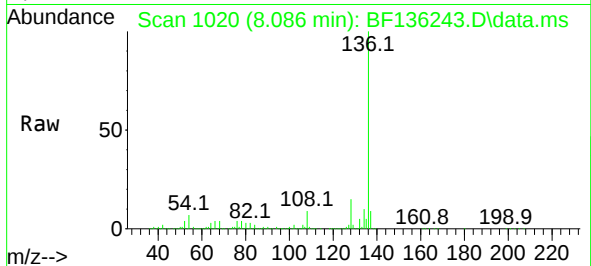
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB157019BS

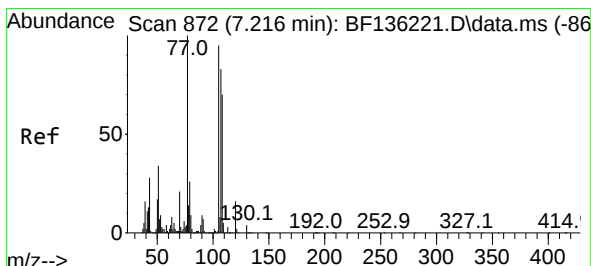
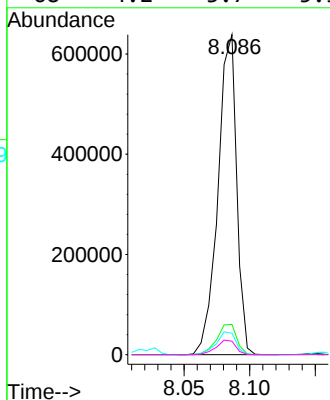
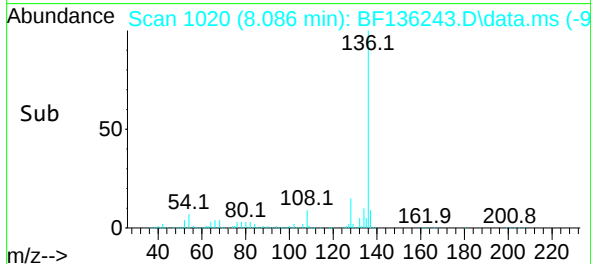


Tgt Ion:136 Resp: 63327
Ion Ratio Lower Upper
136 100
137 9.4 7.4 11.2
54 6.7 5.5 8.3
68 4.2 3.7 5.5

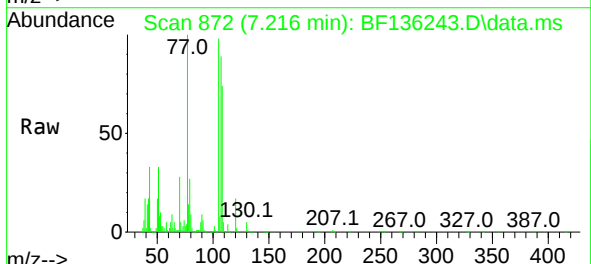
Manual Integrations

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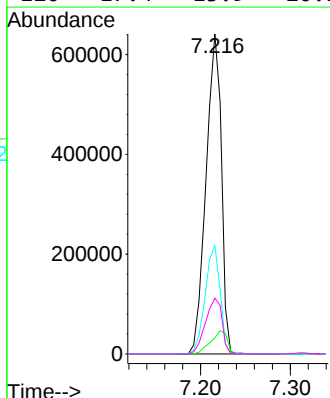
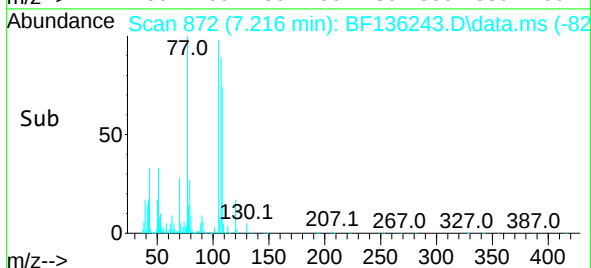
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

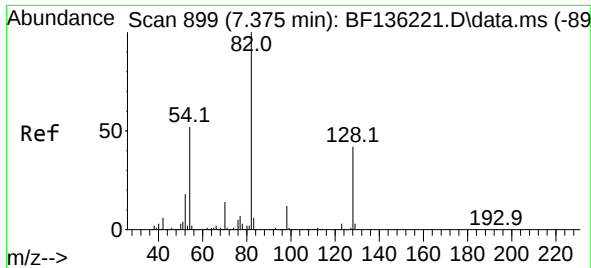


#22
Acetophenone
Concen: 45.726 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55



Tgt Ion:105 Resp: 760515
Ion Ratio Lower Upper
105 100
71 5.0 2.8 4.2#
51 33.9 29.0 43.6
120 17.4 13.9 20.9





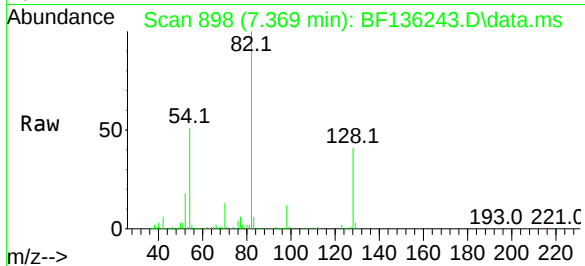
#23
Nitrobenzene-d5
Concen: 87.138 ng
RT: 7.369 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB157019BS

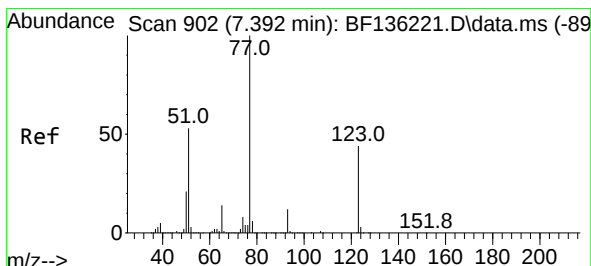
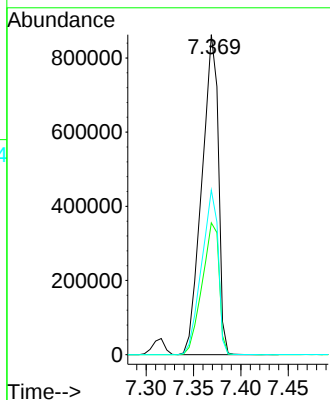
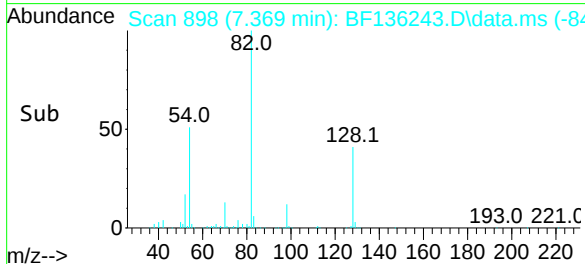


Tgt Ion: 82 Resp: 104426
Ion Ratio Lower Upper
82 100
128 41.2 33.4 50.2
54 51.5 41.7 62.5

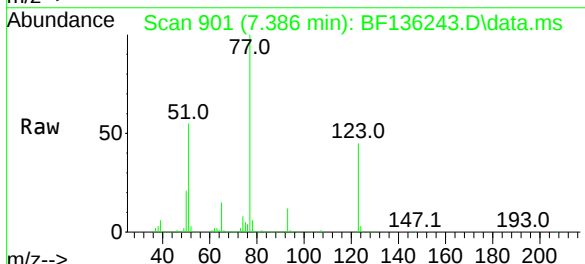
Manual Integrations

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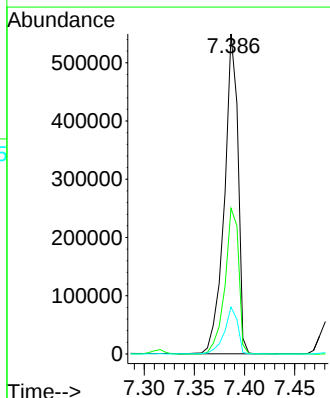
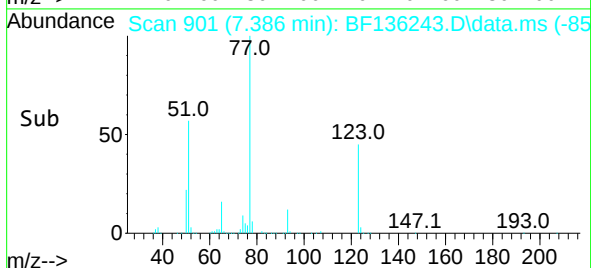
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#24
Nitrobenzene
Concen: 42.605 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55



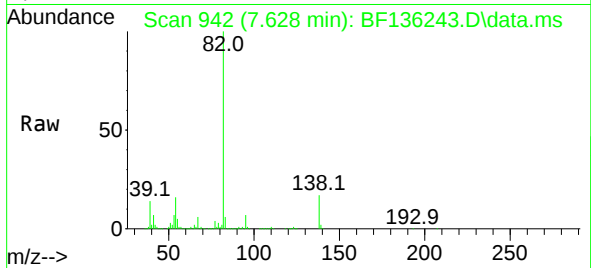
Tgt Ion: 77 Resp: 517421
Ion Ratio Lower Upper
77 100
123 45.5 35.4 53.2
65 14.6 11.0 16.6





#25
Isophorone
Concen: 44.500 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

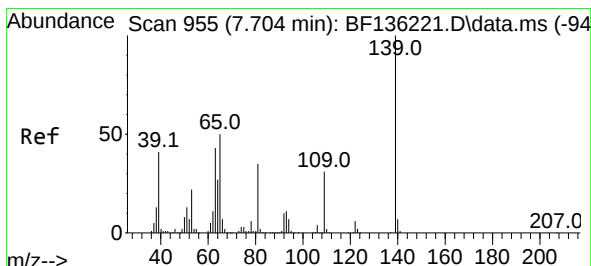
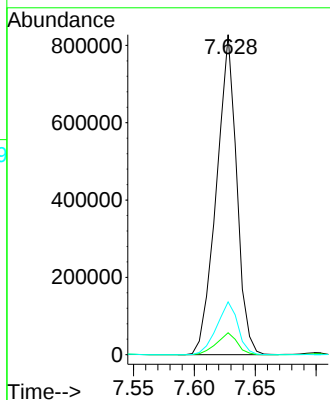
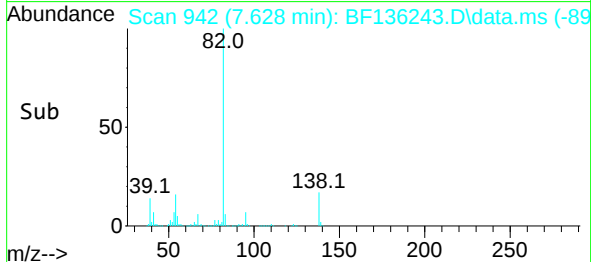
Instrument :
BNA_F
ClientSampleId :
PB157019BS



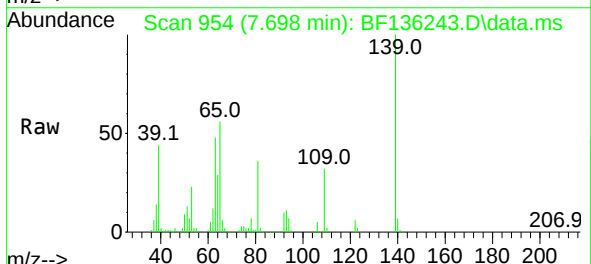
Tgt Ion: 82 Resp: 961599
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 16.5 12.8 19.2

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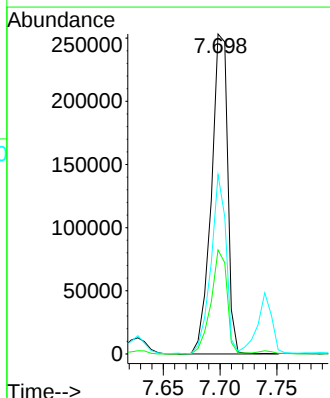
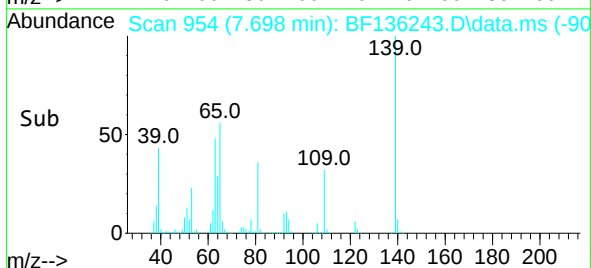
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

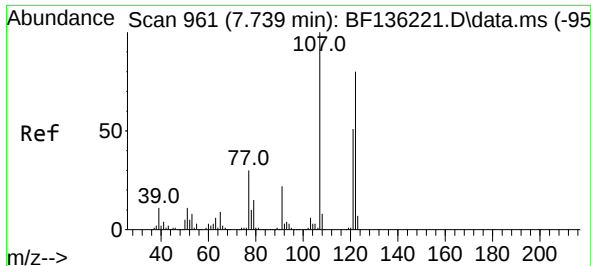


#26
2-Nitrophenol
Concen: 49.017 ng
RT: 7.698 min Scan# 954
Delta R.T. -0.006 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55



Tgt Ion:139 Resp: 253635
Ion Ratio Lower Upper
139 100
109 32.5 25.0 37.6
65 56.0 40.4 60.6





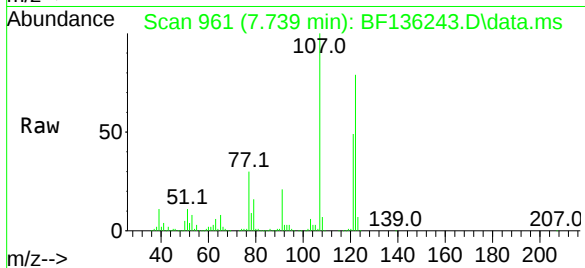
#27
2,4-Dimethylphenol
Concen: 65.331 ng
RT: 7.739 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB157019BS

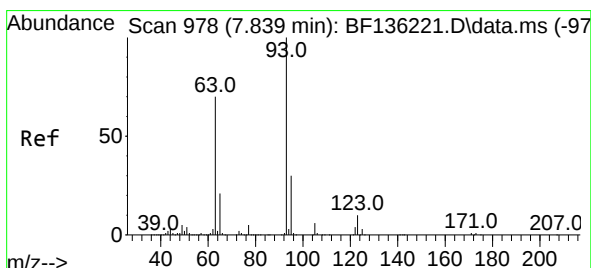
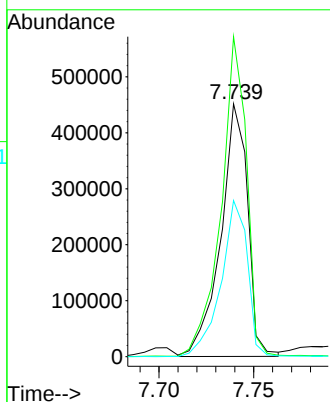
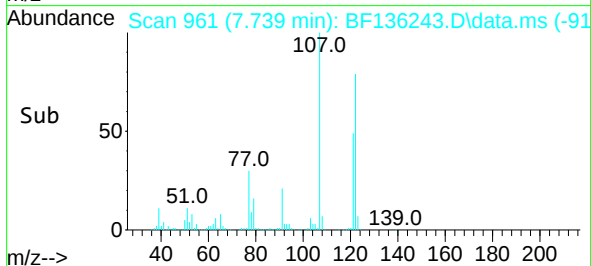


Tgt Ion:122 Resp: 444945
Ion Ratio Lower Upper
122 100
107 126.6 100.0 150.0
121 61.8 50.7 76.1

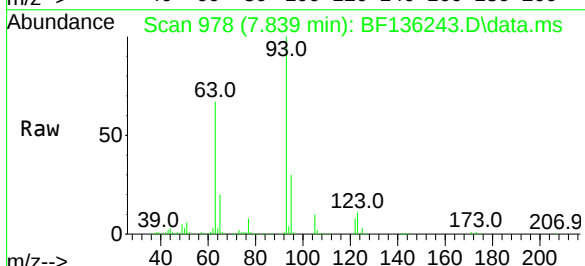
Manual Integrations

APPROVED

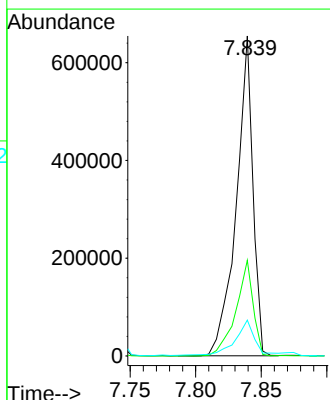
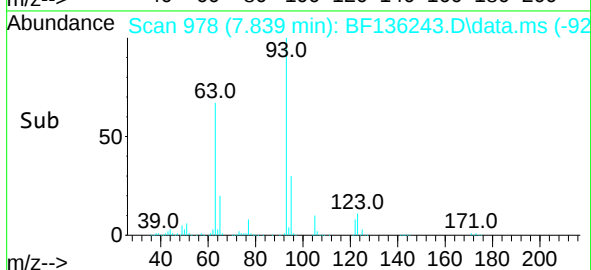
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#28
bis(2-Chloroethoxy)methane
Concen: 44.345 ng
RT: 7.839 min Scan# 978
Delta R.T. 0.000 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55



Tgt Ion: 93 Resp: 579626
Ion Ratio Lower Upper
93 100
95 29.9 23.8 35.6
123 11.2 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 46.706 ng

RT: 7.939 min Scan# 94

Delta R.T. -0.006 min

Lab File: BF136243.D

Acq: 28 Nov 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB157019BS

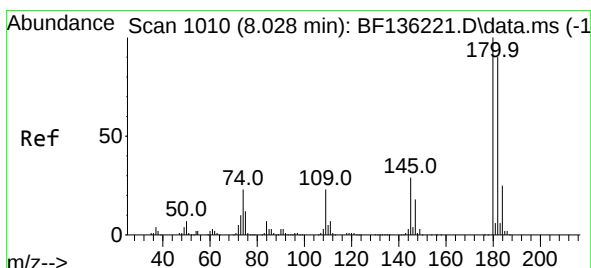
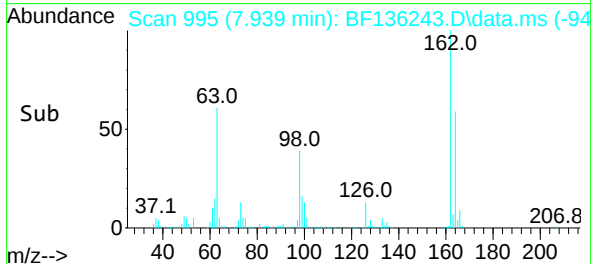
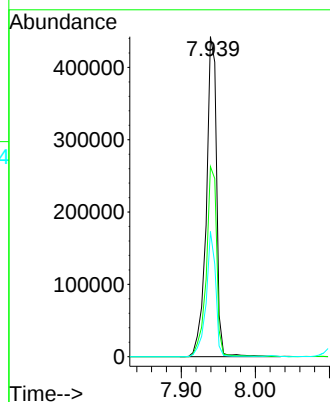
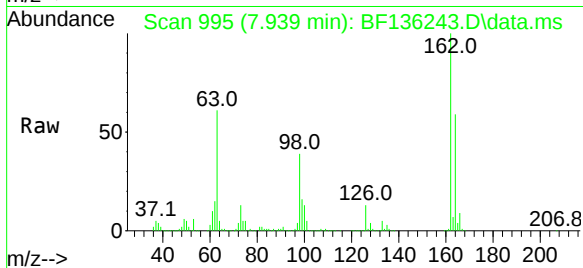
Tgt Ion:162	Resp:	429060
Ion Ratio	Lower	Upper
162	100	
164	59.4	40.3 80.3
98	39.1	13.0 53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#30

1,2,4-Trichlorobenzene

Concen: 43.225 ng

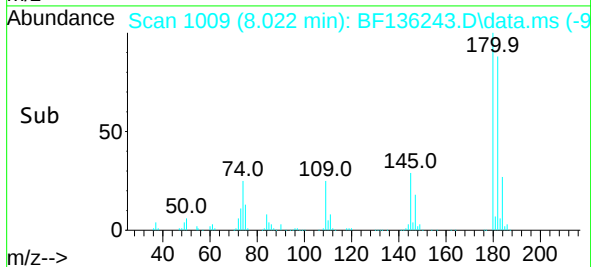
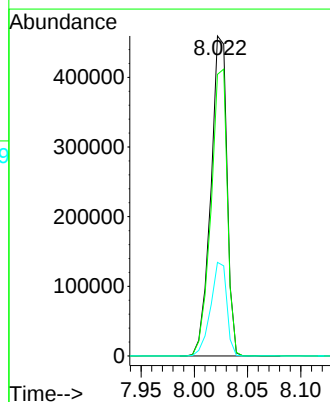
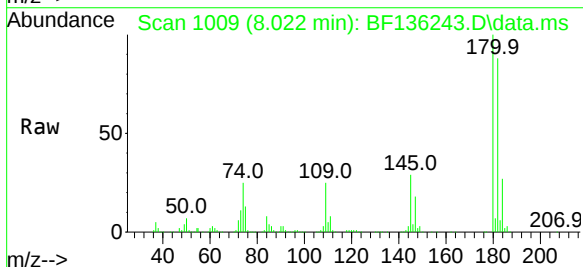
RT: 8.022 min Scan# 1009

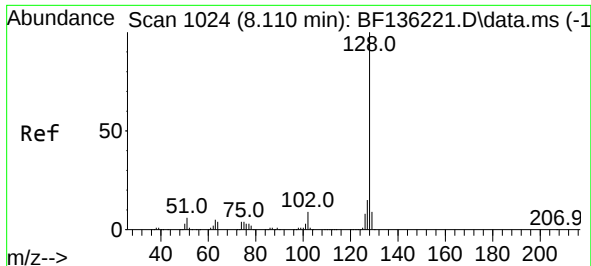
Delta R.T. -0.006 min

Lab File: BF136243.D

Acq: 28 Nov 2023 11:55

Tgt Ion:180	Resp:	486162
Ion Ratio	Lower	Upper
180	100	
182	88.0	71.6 107.4
145	29.3	23.0 34.4





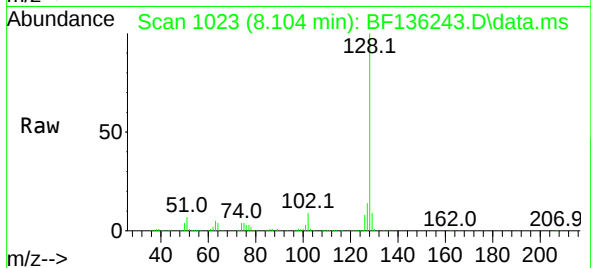
#31
Naphthalene
Concen: 44.289 ng
RT: 8.104 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB157019BS



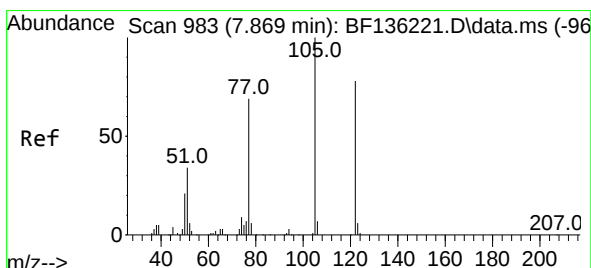
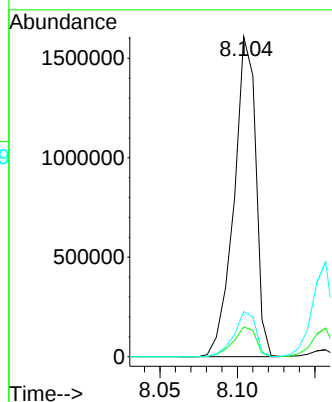
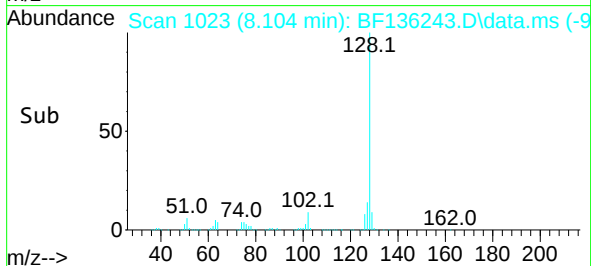
Tgt Ion:128 Resp: 157648
Ion Ratio Lower Upper
128 100
129 9.3 7.3 10.9
127 14.1 11.8 17.6

Manual Integrations

APPROVED

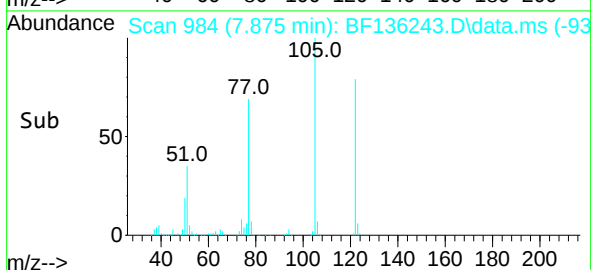
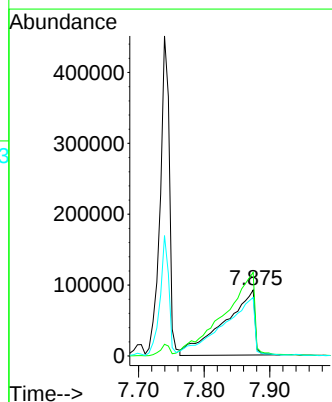
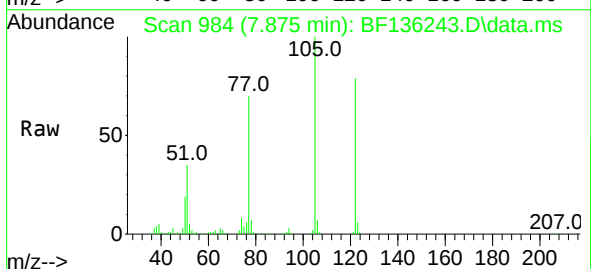
Reviewed By :Yogesh Patel 12/01/2023

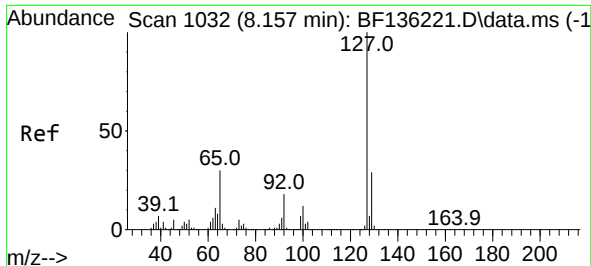
Supervised By :mohammad ahmed 12/01/2023



#32
Benzoic acid
Concen: 48.147 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

Tgt Ion:122 Resp: 298854
Ion Ratio Lower Upper
122 100
105 126.8 103.7 143.7
77 88.7 66.8 106.8





#33
4-Chloroaniline
Concen: 35.283 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

Instrument :

BNA_F

ClientSampleId :

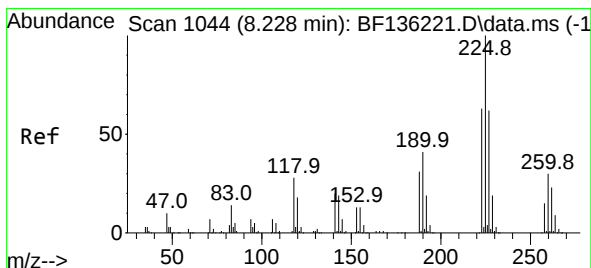
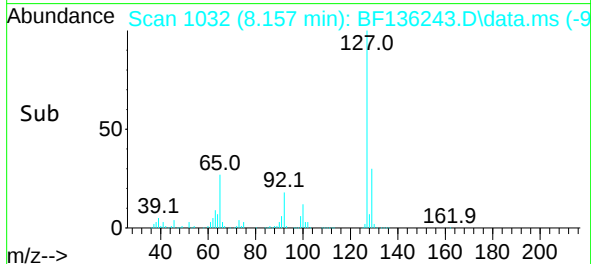
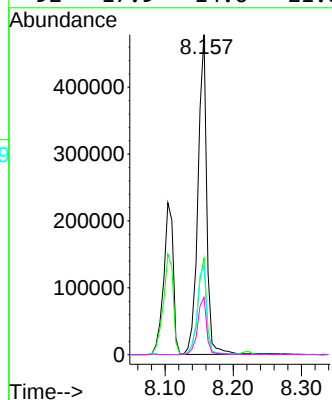
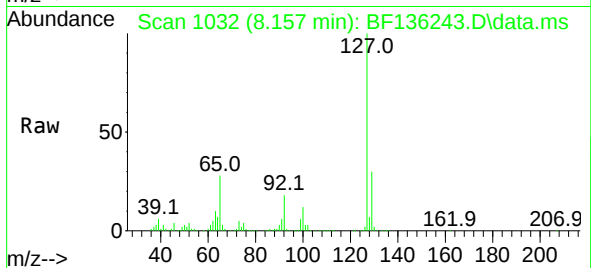
PB157019BS

Tgt Ion:127 Resp: 426894
Ion Ratio Lower Upper
127 100
129 30.1 23.4 35.2
65 27.7 23.8 35.6
92 17.9 14.6 21.8

Manual Integrations

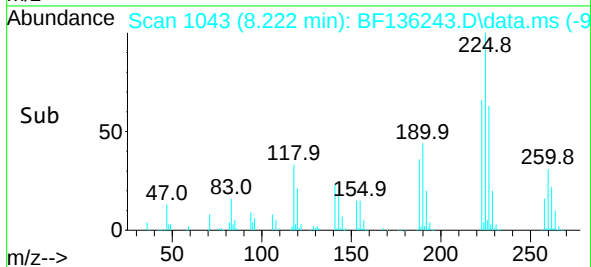
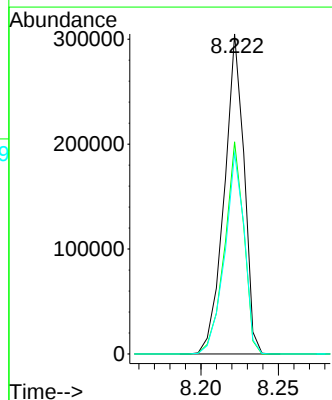
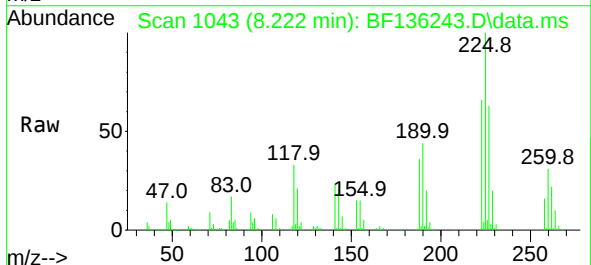
APPROVED

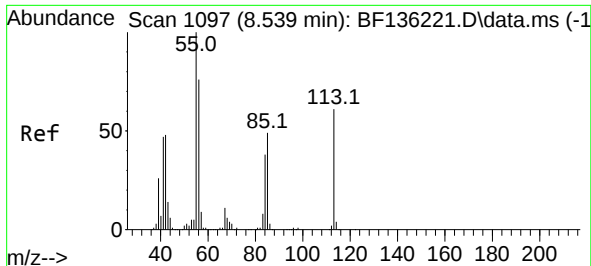
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#34
Hexachlorobutadiene
Concen: 41.005 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

Tgt Ion:225 Resp: 269813
Ion Ratio Lower Upper
225 100
223 66.3 50.6 75.8
227 62.7 49.6 74.4





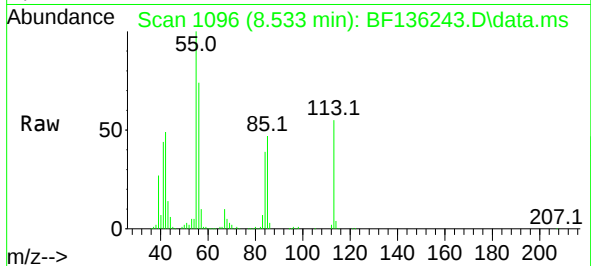
#35
Caprolactam
Concen: 46.599 ng m
RT: 8.533 min Scan# 1097
Delta R.T. -0.006 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB157019BS

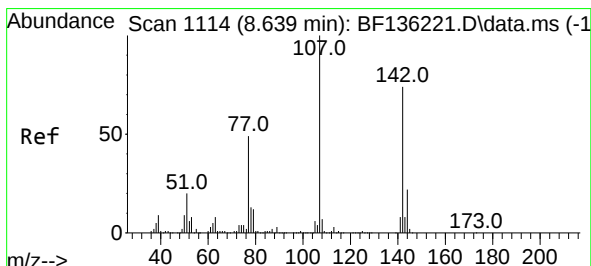
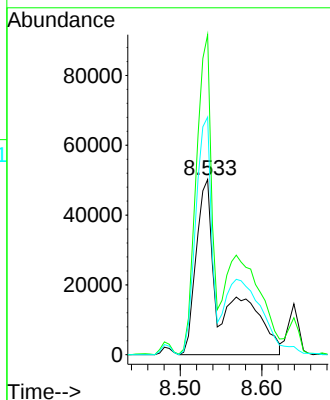
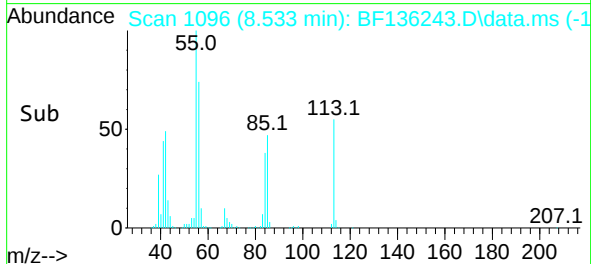


Tgt Ion:113 Resp: 119669
Ion Ratio Lower Upper
113 100
55 182.7 143.1 183.1
56 135.6 103.6 143.6

Manual Integrations

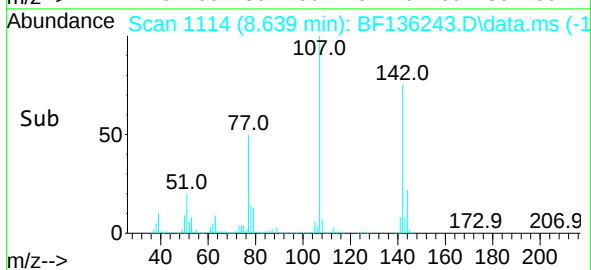
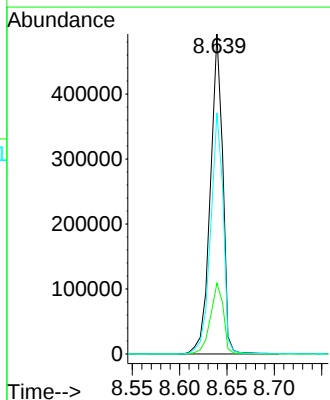
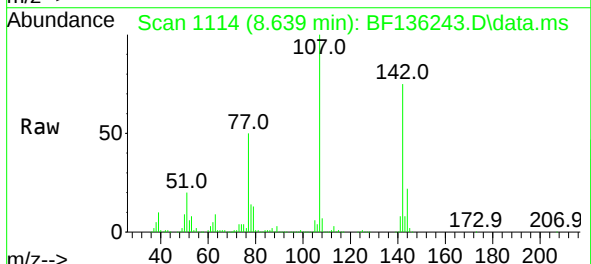
APPROVED

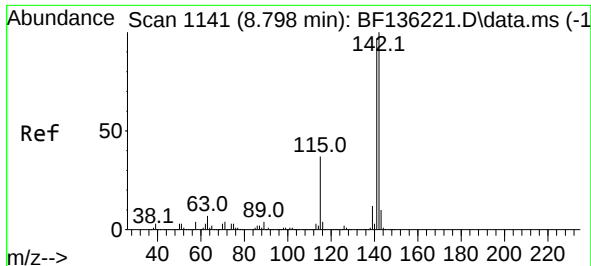
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#36
4-Chloro-3-methylphenol
Concen: 44.955 ng
RT: 8.639 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

Tgt Ion:107 Resp: 447895
Ion Ratio Lower Upper
107 100
144 22.1 17.8 26.8
142 75.3 59.4 89.0





#37

2-Methylnaphthalene

Concen: 43.798 ng

RT: 8.798 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF136243.D

Acq: 28 Nov 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB157019BS

Tgt Ion:142 Resp: 97794

Ion Ratio Lower Upper

142 100

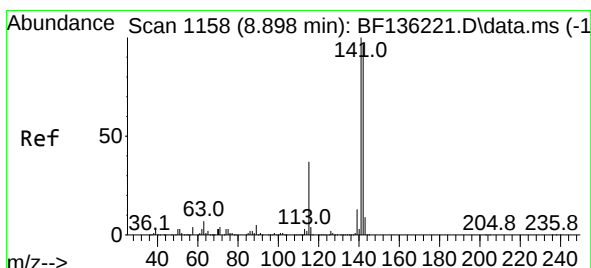
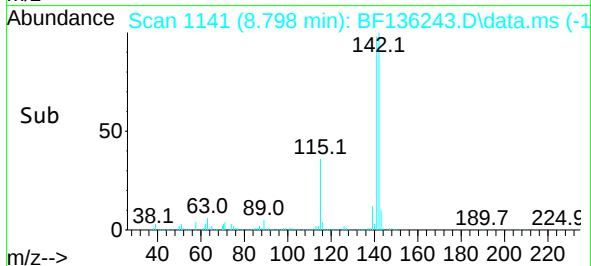
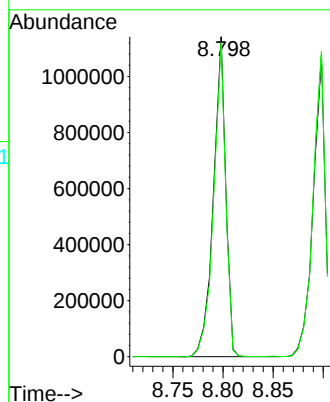
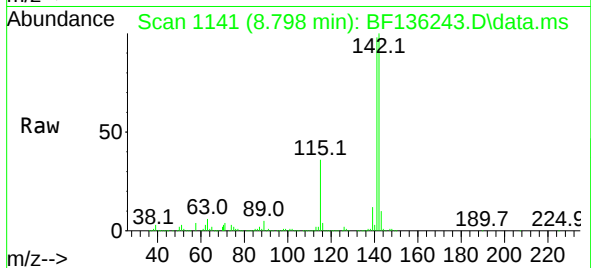
141 98.2 77.8 116.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#38

1-Methylnaphthalene

Concen: 41.438 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF136243.D

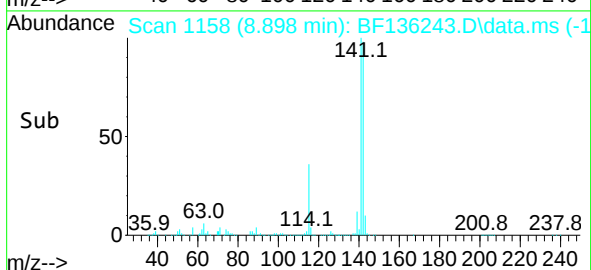
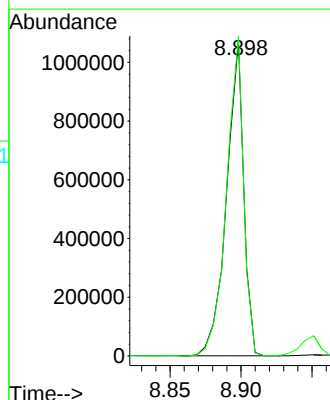
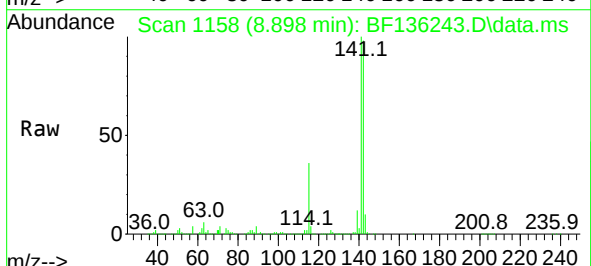
Acq: 28 Nov 2023 11:55

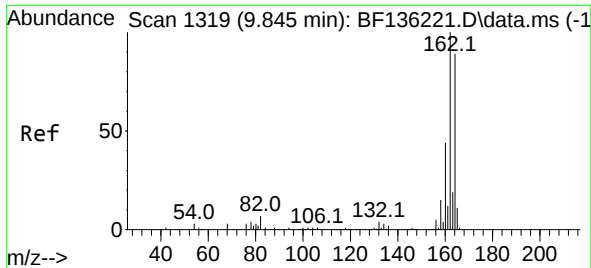
Tgt Ion:142 Resp: 902604

Ion Ratio Lower Upper

142 100

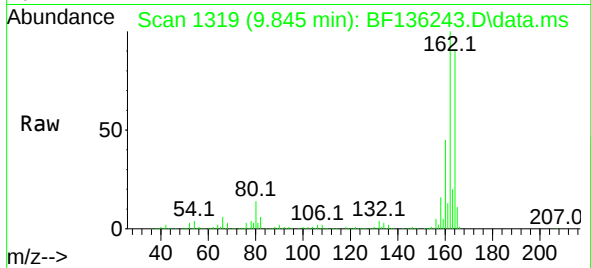
141 101.6 83.8 125.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

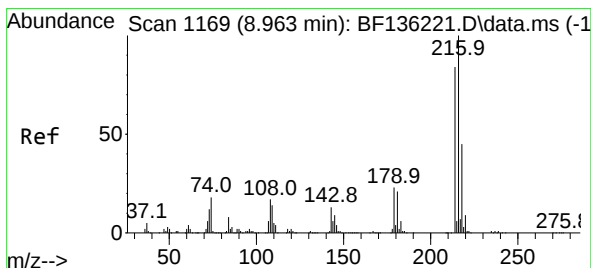
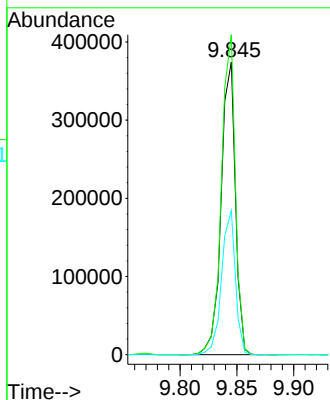
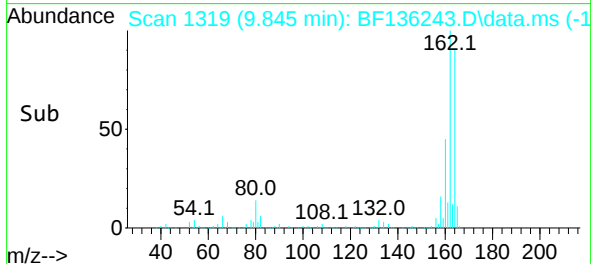
Instrument :
BNA_F
ClientSampleId :
PB157019BS



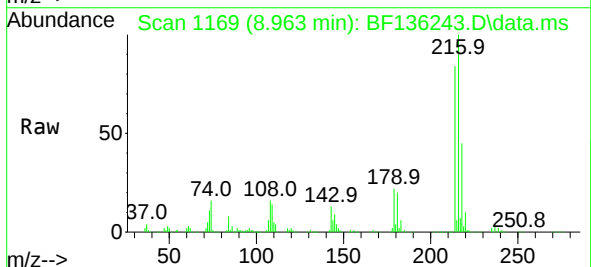
Tgt Ion:164 Resp: 328824
Ion Ratio Lower Upper
164 100
162 109.4 89.5 134.3
160 49.2 39.6 59.4

Manual Integrations
APPROVED

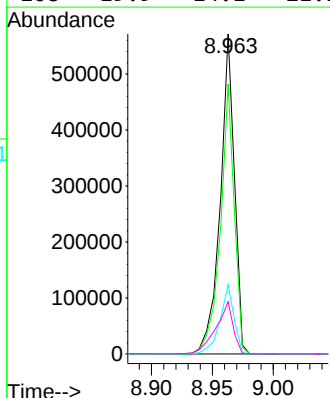
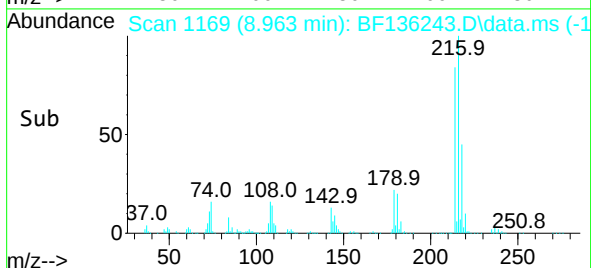
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

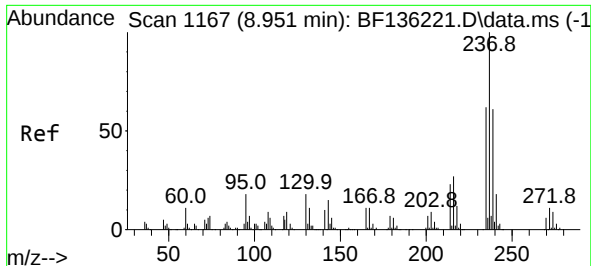


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.349 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55



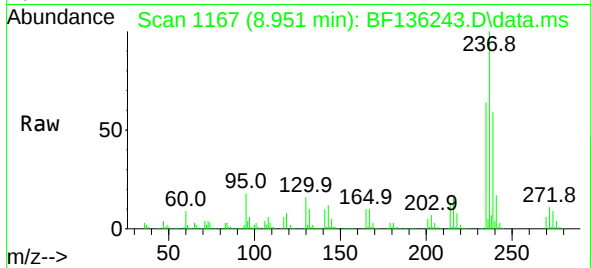
Tgt Ion:216 Resp: 464102
Ion Ratio Lower Upper
216 100
214 82.3 65.8 98.8
179 21.5 17.4 26.0
108 19.9 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 138.589 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

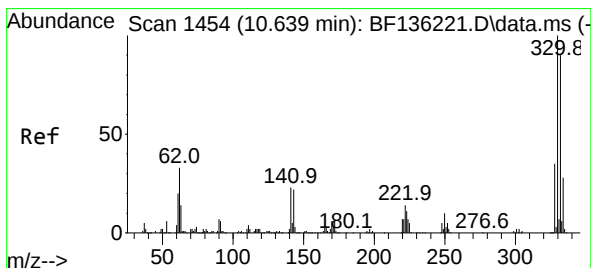
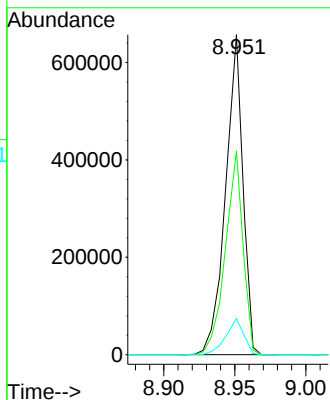
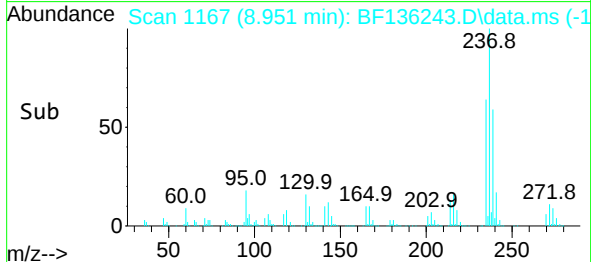
Instrument :
BNA_F
ClientSampleId :
PB157019BS



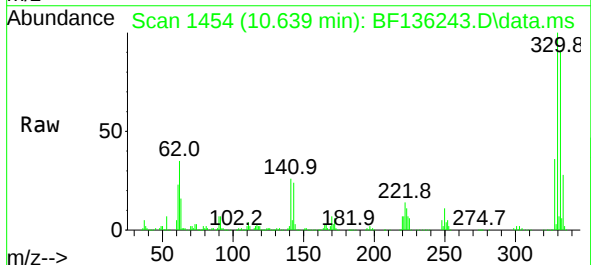
Tgt Ion:237 Resp: 558050
Ion Ratio Lower Upper
237 100
235 63.7 42.1 82.1
272 11.3 0.0 31.0

Manual Integrations
APPROVED

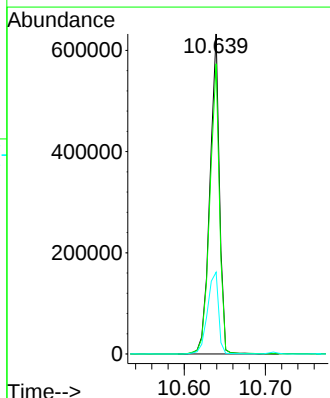
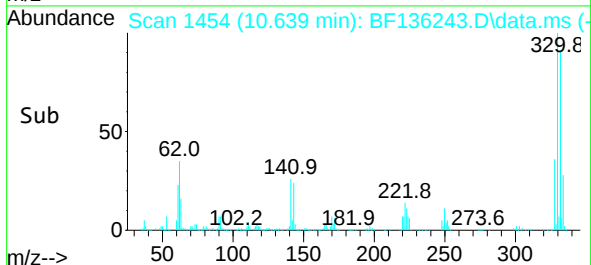
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

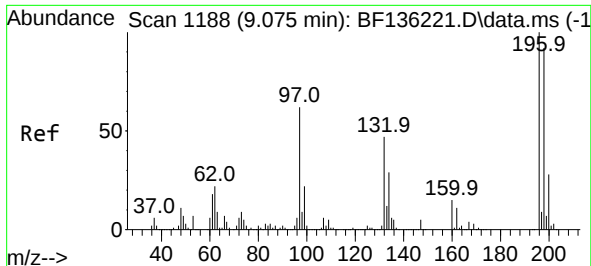


#42
2,4,6-Tribromophenol
Concen: 128.459 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55



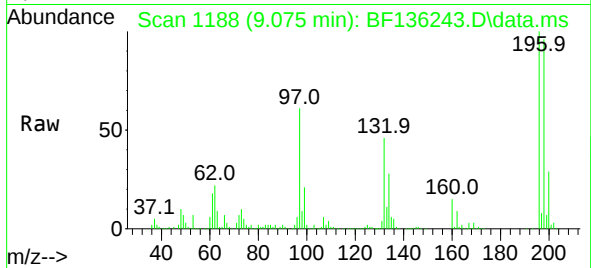
Tgt Ion:330 Resp: 516425
Ion Ratio Lower Upper
330 100
332 91.8 73.0 109.6
141 29.4 24.2 36.2





#43
2,4,6-Trichlorophenol
Concen: 45.106 ng
RT: 9.075 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

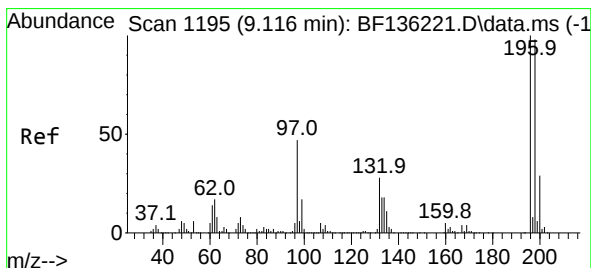
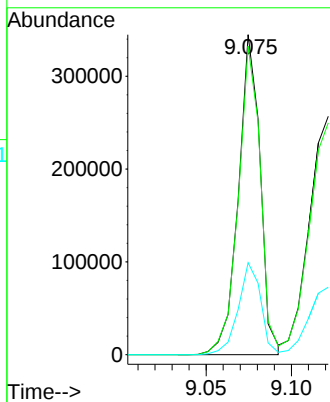
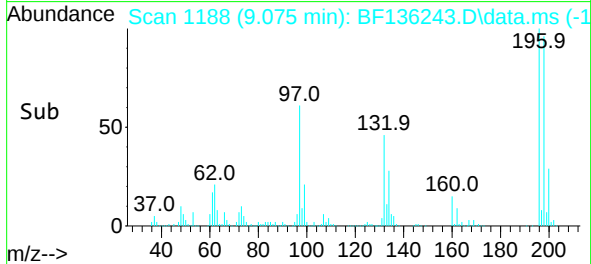
Instrument :
BNA_F
ClientSampleId :
PB157019BS



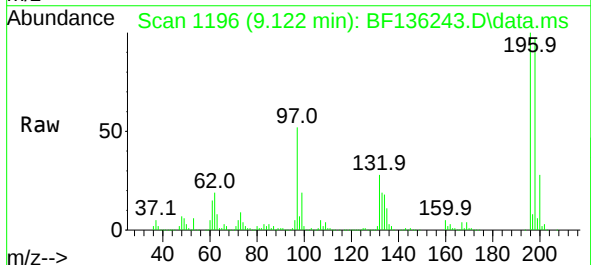
Tgt Ion:196 Resp: 30638
Ion Ratio Lower Upper
196 100
198 96.4 73.2 109.8
200 28.8 22.4 33.6

Manual Integrations
APPROVED

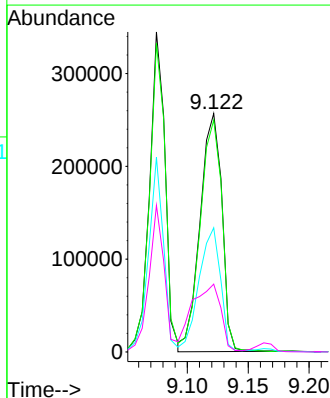
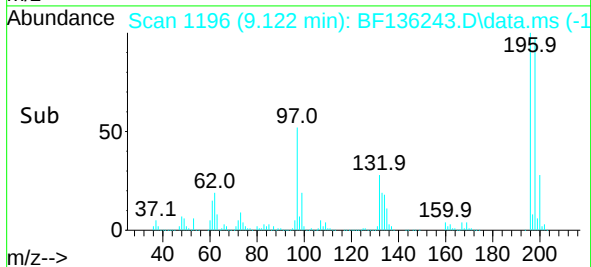
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

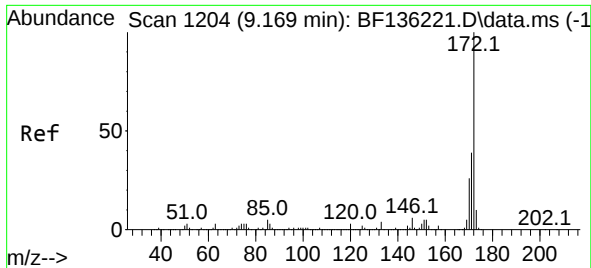


#44
2,4,5-Trichlorophenol
Concen: 43.179 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55



Tgt Ion:196 Resp: 320062
Ion Ratio Lower Upper
196 100
198 97.3 78.8 118.2
97 52.1 37.8 56.8
132 28.5 22.4 33.6





#45
2-Fluorobiphenyl
Concen: 83.556 ng
RT: 9.163 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

Instrument :

BNA_F

ClientSampleId :

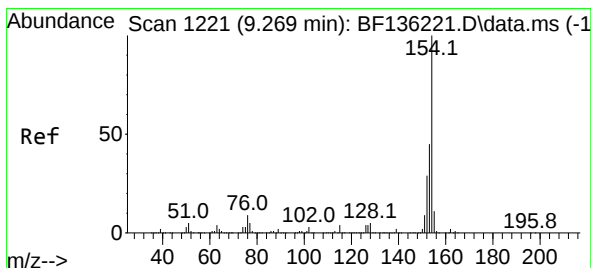
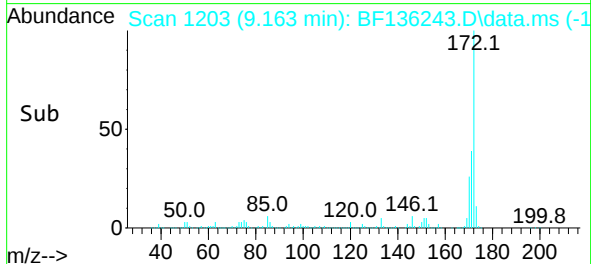
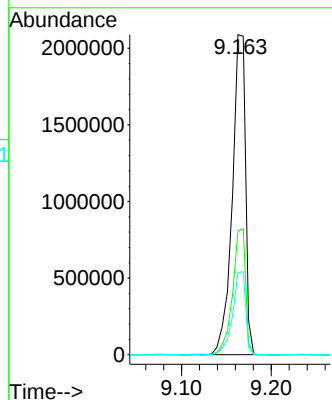
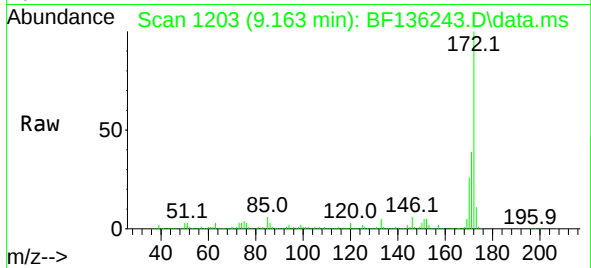
PB157019BS

Tgt Ion:172 Resp: 2151030
Ion Ratio Lower Upper
172 100
171 38.8 31.5 47.3
170 25.7 20.8 31.2

Manual Integrations

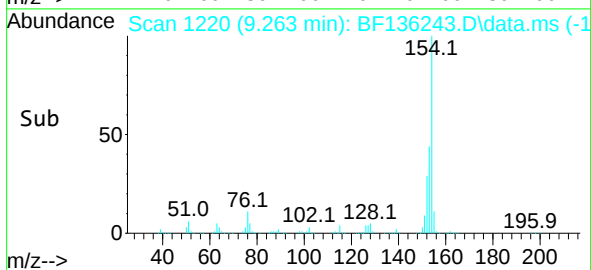
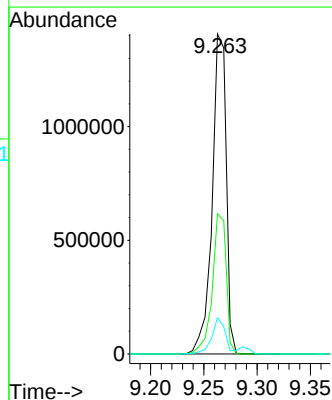
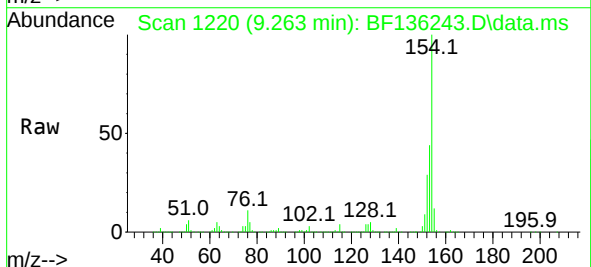
APPROVED

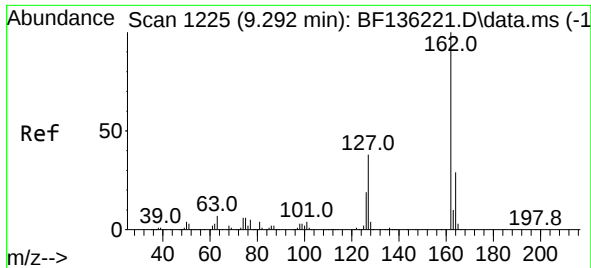
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#46
1,1'-Biphenyl
Concen: 44.531 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

Tgt Ion:154 Resp: 1291292
Ion Ratio Lower Upper
154 100
153 43.8 24.6 64.6
76 11.3 0.0 29.4





#47
2-Chloronaphthalene
Concen: 42.670 ng
RT: 9.286 min Scan# 1224
Delta R.T. -0.006 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

Instrument :

BNA_F

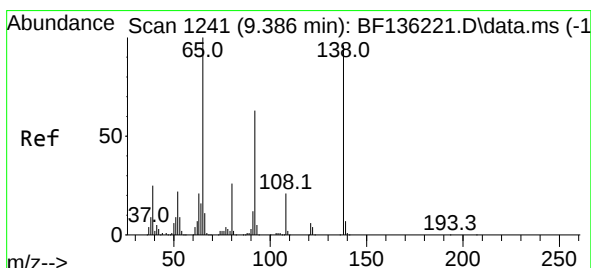
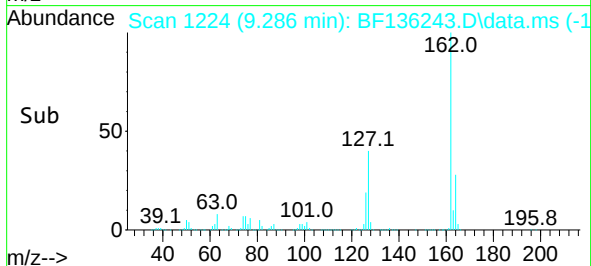
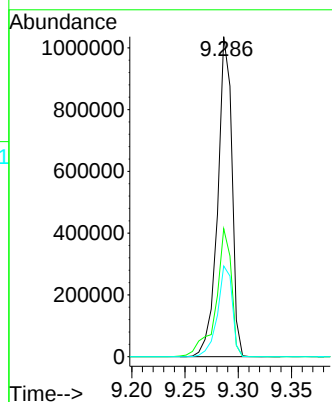
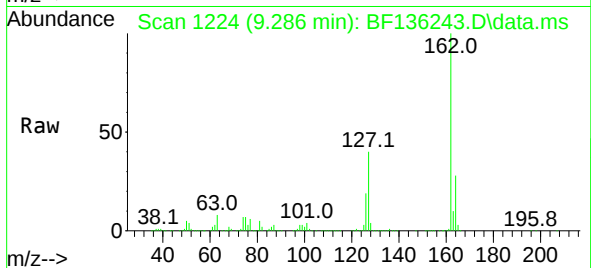
ClientSampleId :

PB157019BS

Tgt Ion:162 Resp: 96088
Ion Ratio Lower Upper
162 100
127 40.0 30.2 45.2
164 28.4 22.8 34.2

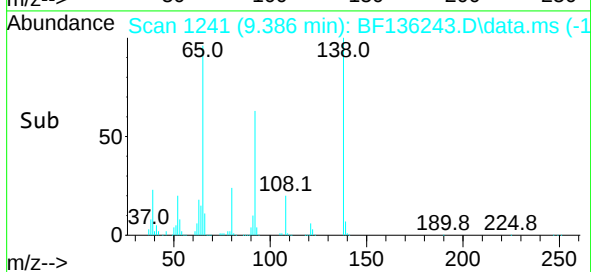
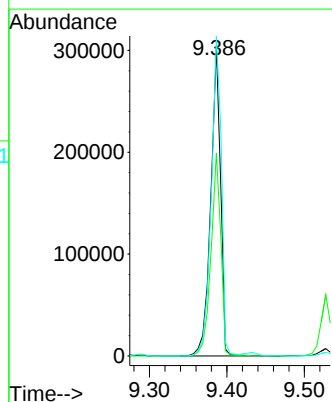
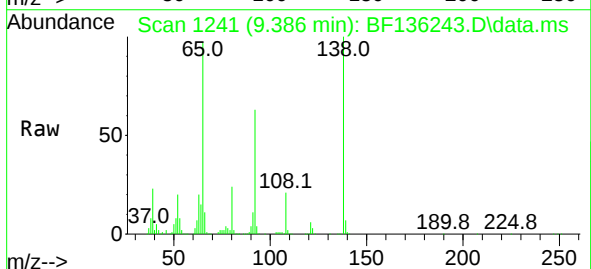
Manual Integrations
APPROVED

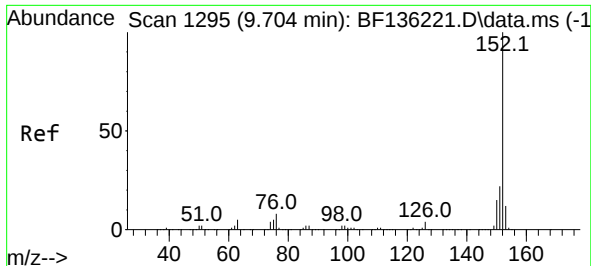
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#48
2-Nitroaniline
Concen: 45.534 ng
RT: 9.386 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

Tgt Ion: 65 Resp: 267708
Ion Ratio Lower Upper
65 100
92 65.7 50.6 75.8
138 103.5 76.7 115.1





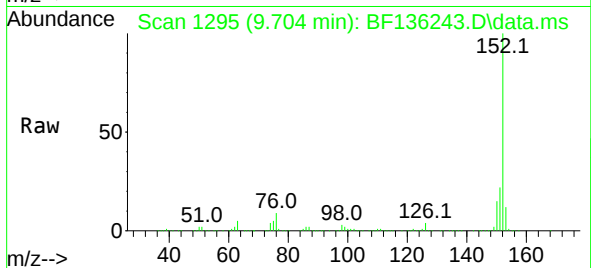
#49
Acenaphthylene
Concen: 45.184 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB157019BS



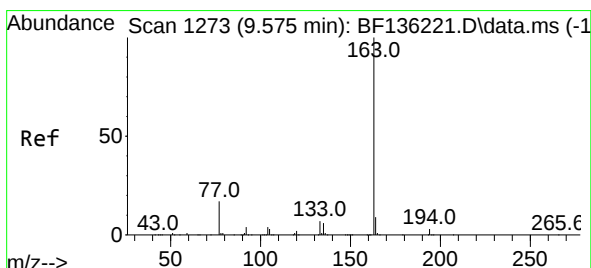
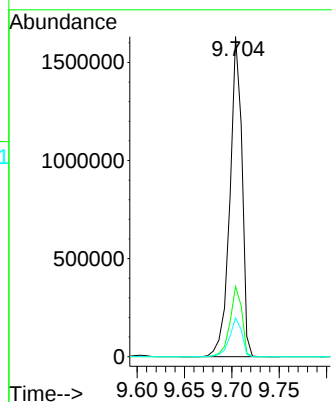
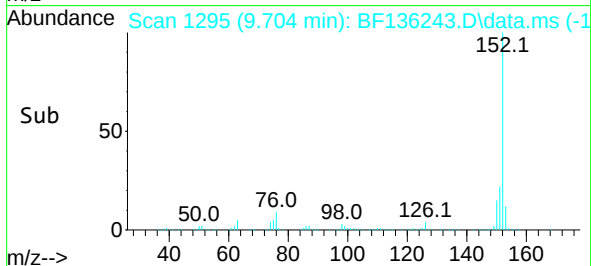
Tgt Ion:152 Resp: 1452045
Ion Ratio Lower Upper
152 100
151 22.0 17.5 26.3
153 12.1 9.6 14.4

Manual Integrations

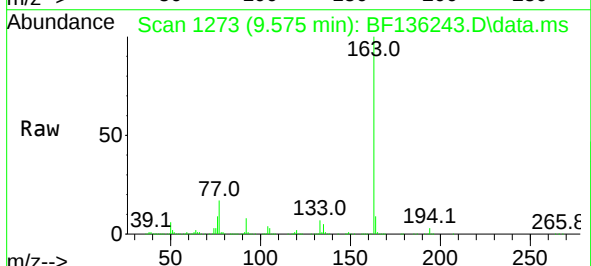
APPROVED

Reviewed By :Yogesh Patel 12/01/2023

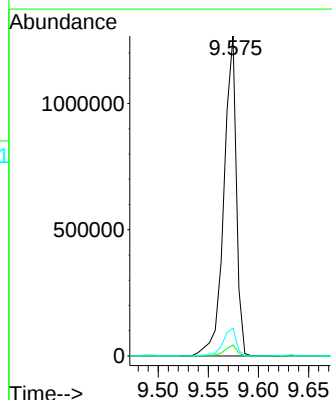
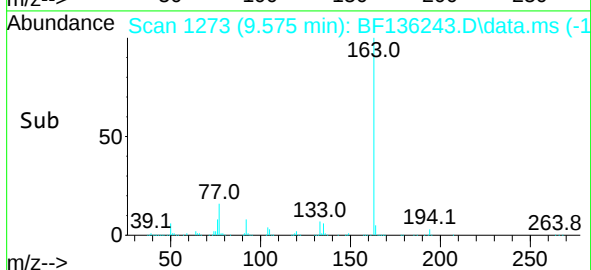
Supervised By :mohammad ahmed 12/01/2023

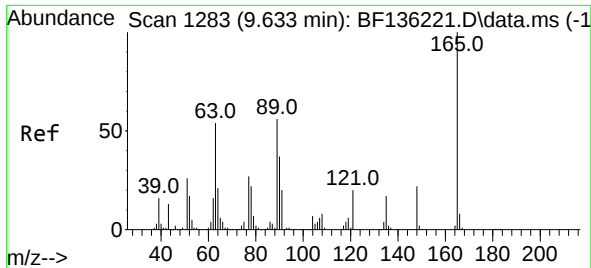


#50
Dimethylphthalate
Concen: 43.928 ng
RT: 9.575 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55



Tgt Ion:163 Resp: 1091737
Ion Ratio Lower Upper
163 100
194 3.4 2.5 3.7
164 8.7 7.0 10.6





#51
2,6-Dinitrotoluene
Concen: 44.227 ng
RT: 9.633 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

Instrument :

BNA_F

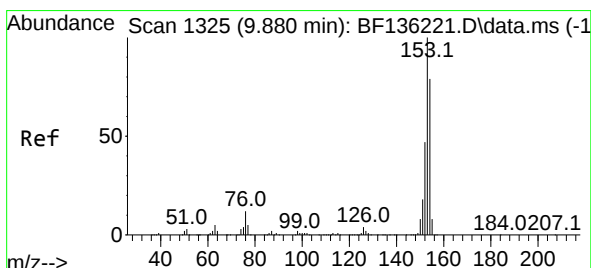
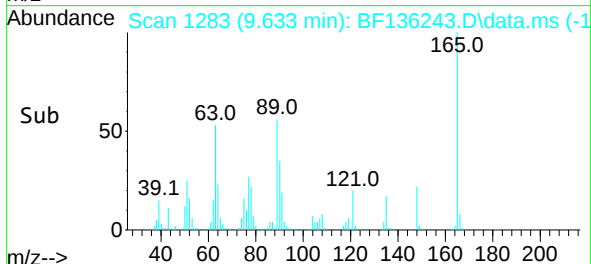
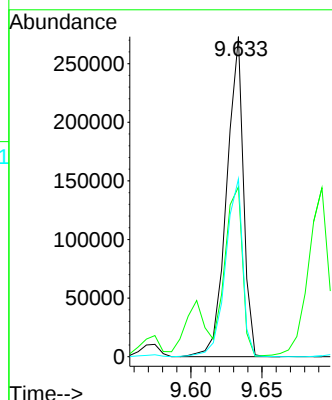
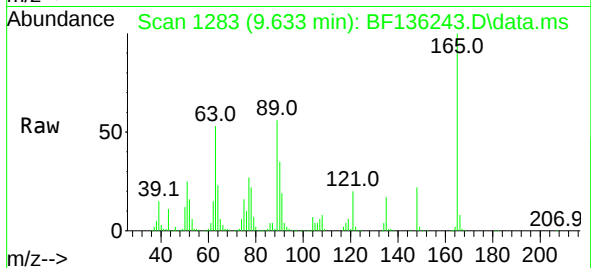
ClientSampleId :

PB157019BS

Tgt Ion:165 Resp: 22455
Ion Ratio Lower Upper
165 100
63 53.1 46.2 69.2
89 55.5 44.9 67.3

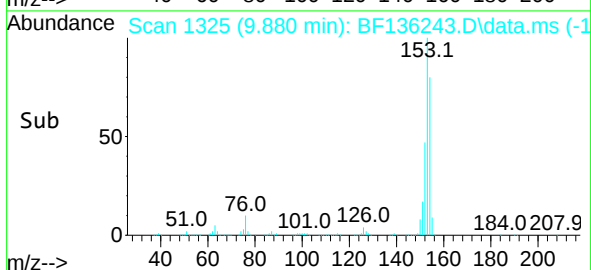
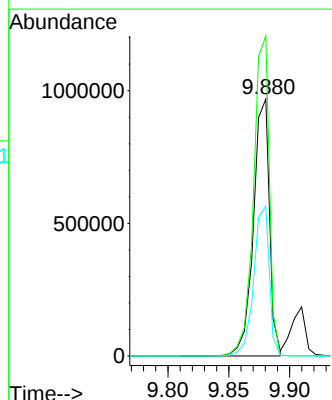
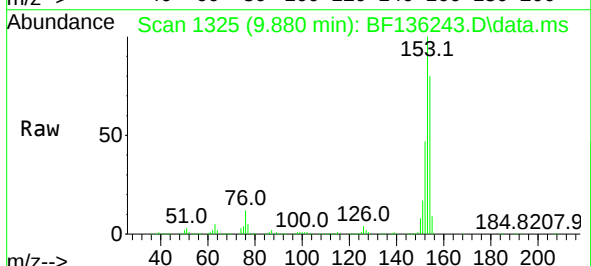
Manual Integrations
APPROVED

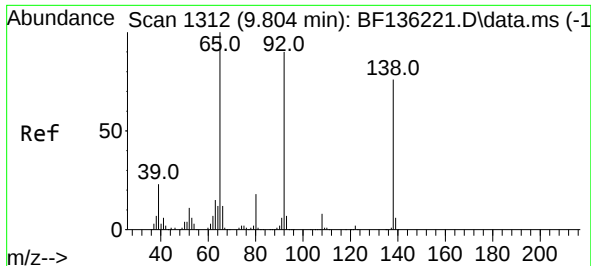
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#52
Acenaphthene
Concen: 43.725 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

Tgt Ion:154 Resp: 887969
Ion Ratio Lower Upper
154 100
153 124.5 100.8 151.2
152 58.3 47.0 70.6





#53
3-Nitroaniline
Concen: 36.950 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

Instrument :

BNA_F

ClientSampleId :

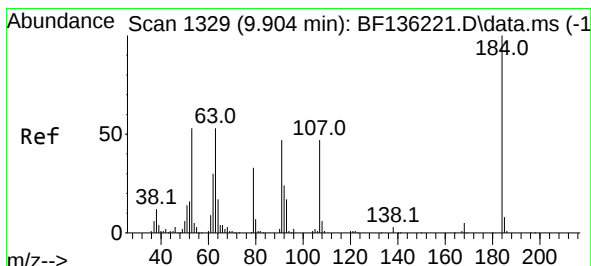
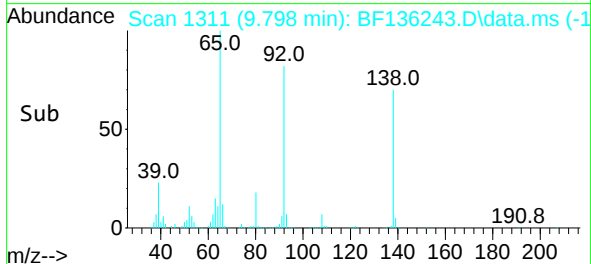
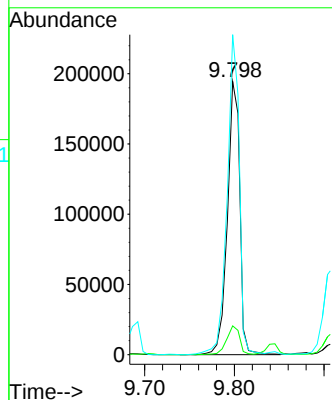
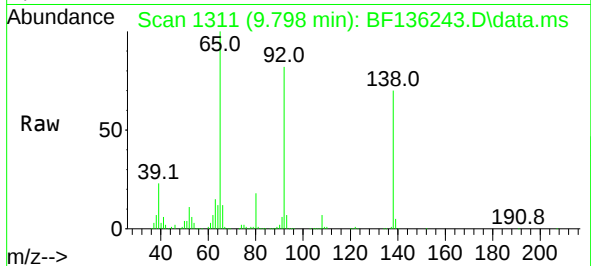
PB157019BS

Tgt Ion:138 Resp: 186149
Ion Ratio Lower Upper
138 100
108 10.5 8.7 13.1
92 117.1 94.2 141.4

Manual Integrations

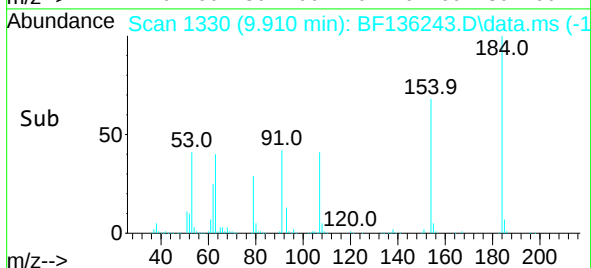
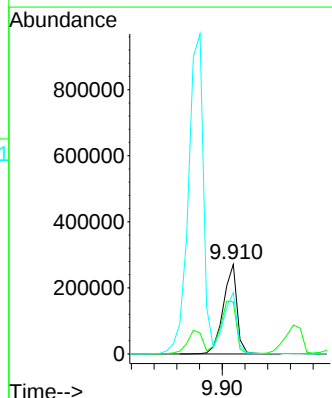
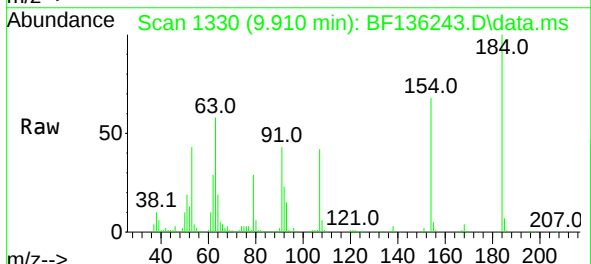
APPROVED

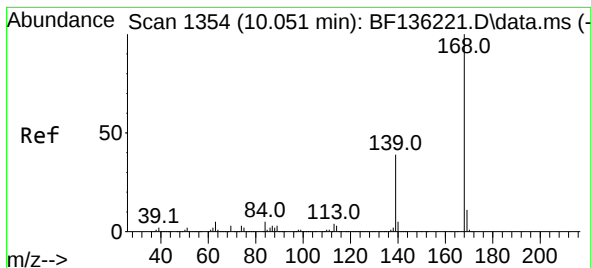
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#54
2,4-Dinitrophenol
Concen: 96.728 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

Tgt Ion:184 Resp: 228412
Ion Ratio Lower Upper
184 100
63 58.1 55.0 82.4
154 68.4 54.9 82.3





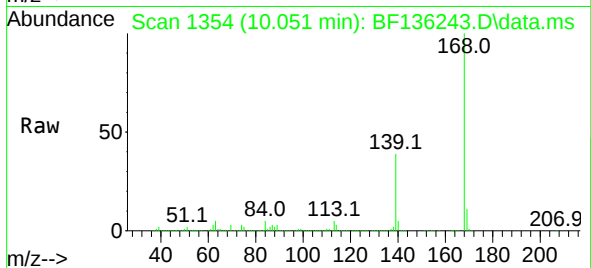
#55
Dibenzenofuran
Concen: 43.761 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB157019BS



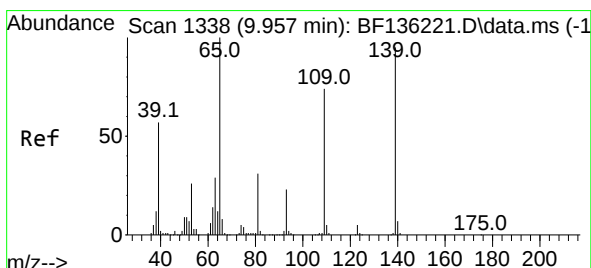
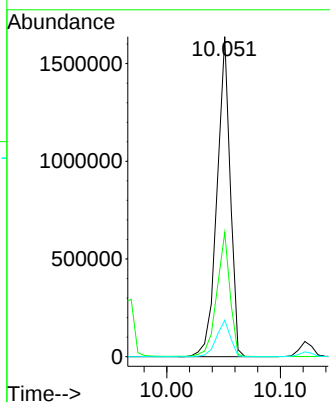
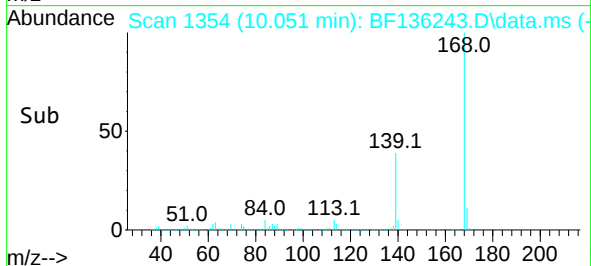
Tgt Ion:168 Resp: 132243
Ion Ratio Lower Upper
168 100
139 38.8 30.9 46.3
169 11.4 9.1 13.7

Manual Integrations

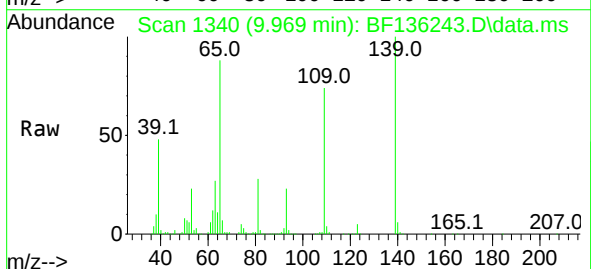
APPROVED

Reviewed By :Yogesh Patel 12/01/2023

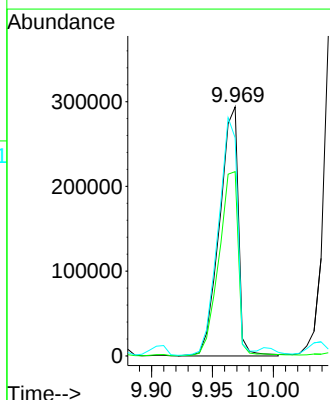
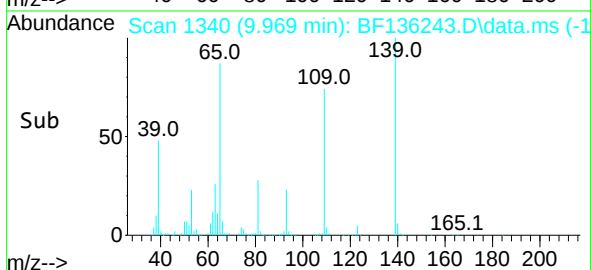
Supervised By :mohammad ahmed 12/01/2023

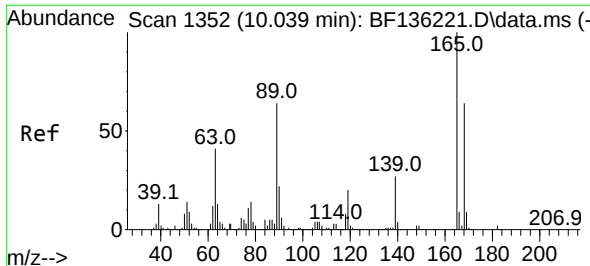


#56
4-Nitrophenol
Concen: 82.801 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55



Tgt Ion:139 Resp: 316821
Ion Ratio Lower Upper
139 100
109 74.0 57.8 97.8
65 87.5 86.0 126.0





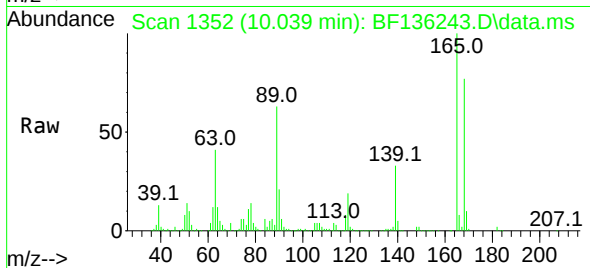
#57
2,4-Dinitrotoluene
Concen: 44.784 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB157019BS

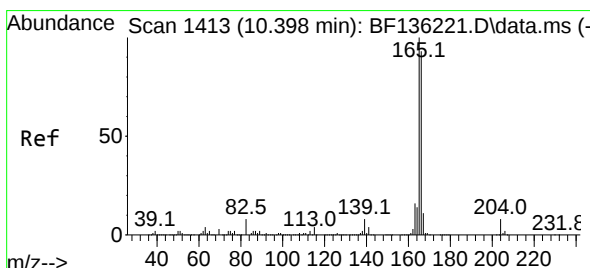
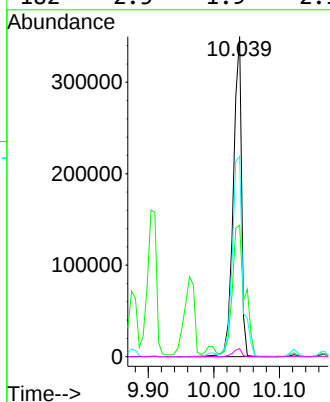
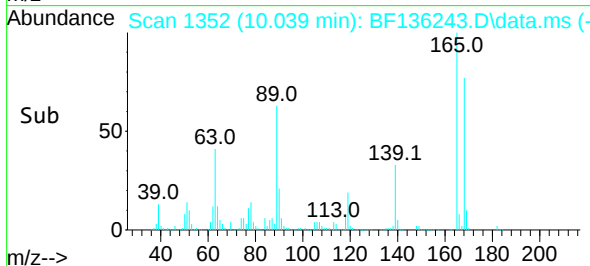


Tgt Ion:165 Resp: 30373
Ion Ratio Lower Upper
165 100
63 41.1 33.0 49.4
89 62.6 51.5 77.3
182 2.5 1.9 2.9

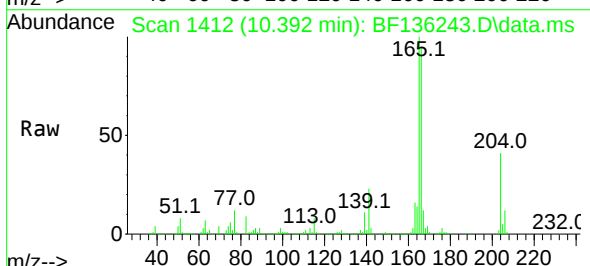
Manual Integrations

APPROVED

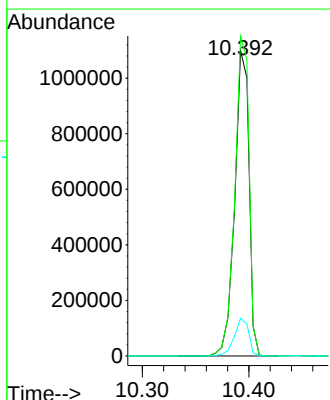
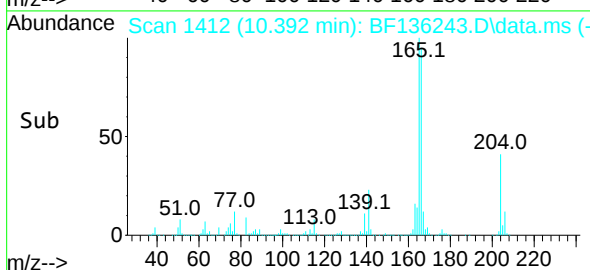
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

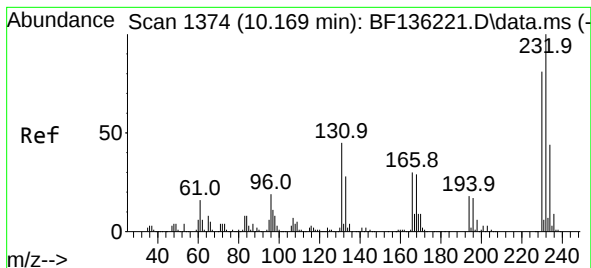


#58
Fluorene
Concen: 43.323 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55



Tgt Ion:166 Resp: 1026908
Ion Ratio Lower Upper
166 100
165 104.8 86.2 129.4
167 12.3 9.1 13.7





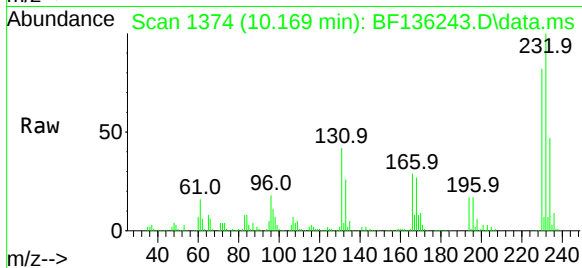
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.190 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB157019BS

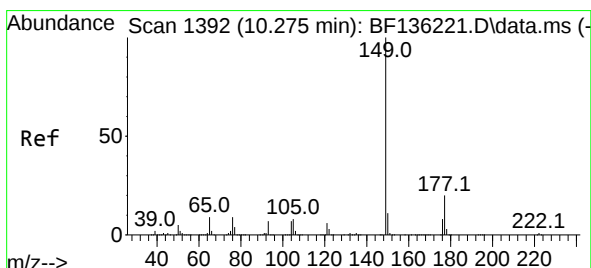
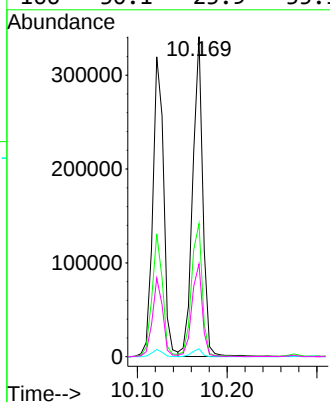
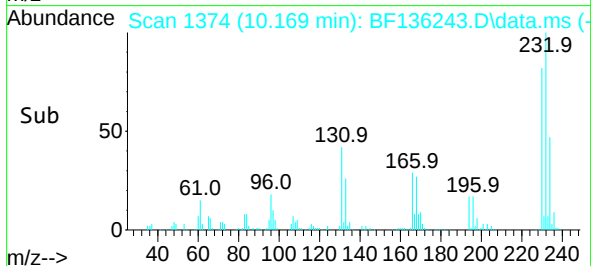


Tgt Ion:232 Resp: 266521
Ion Ratio Lower Upper
232 100
131 44.2 36.4 54.6
130 2.4 1.9 2.9
166 30.1 23.9 35.9

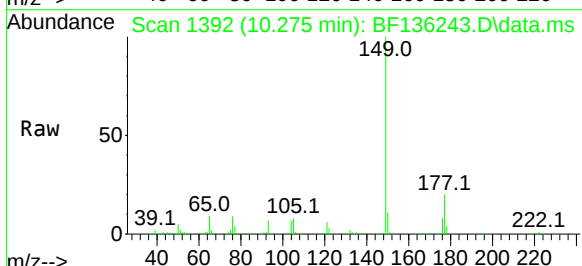
Manual Integrations

APPROVED

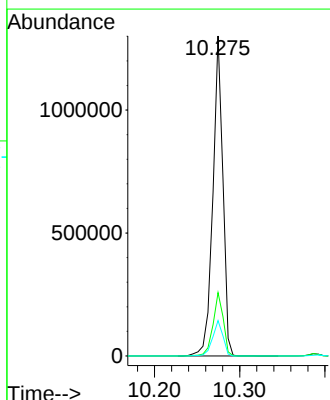
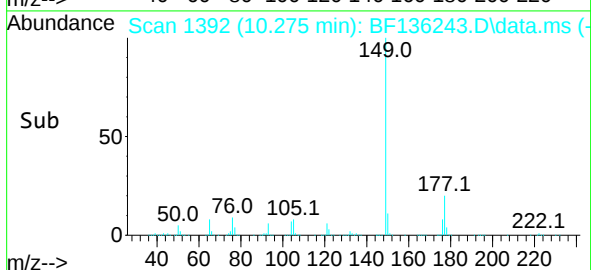
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

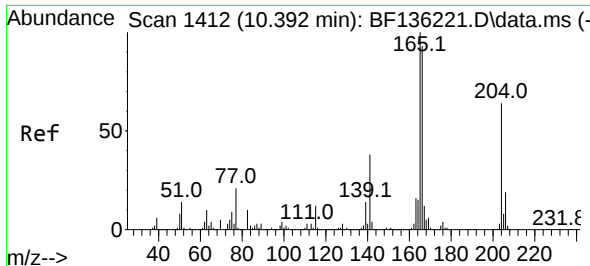


#60
Diethylphthalate
Concen: 42.707 ng
RT: 10.275 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55



Tgt Ion:149 Resp: 1061744
Ion Ratio Lower Upper
149 100
177 19.8 15.8 23.6
150 11.0 8.8 13.2





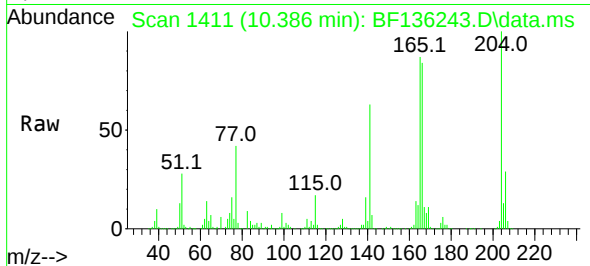
#61
4-Chlorophenyl-phenylether
Concen: 42.650 ng
RT: 10.386 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB157019BS

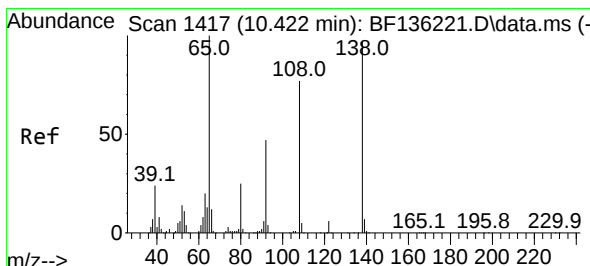
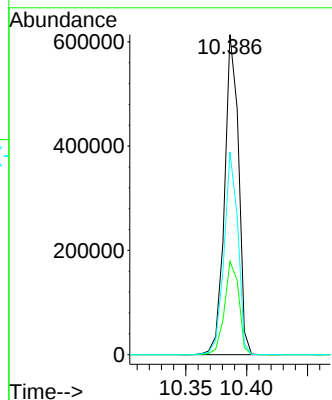
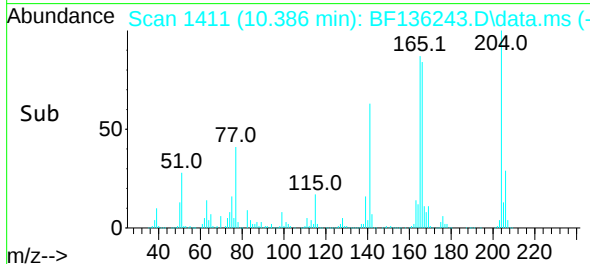


Tgt Ion:204 Resp: 49095
Ion Ratio Lower Upper
204 100
206 29.2 23.4 35.0
141 63.4 47.6 71.4

Manual Integrations

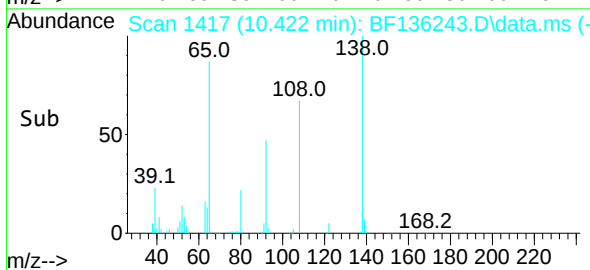
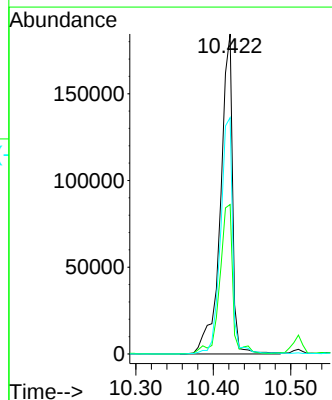
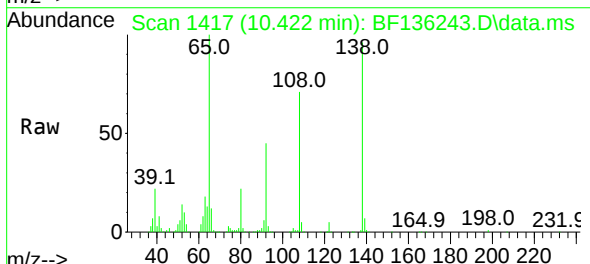
APPROVED

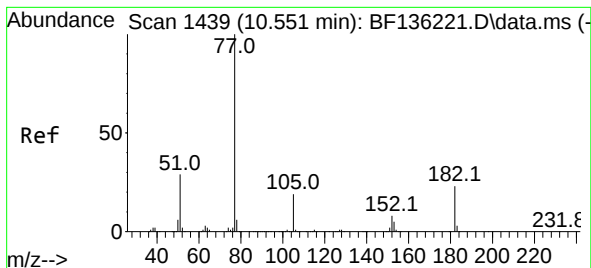
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#62
4-Nitroaniline
Concen: 40.605 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

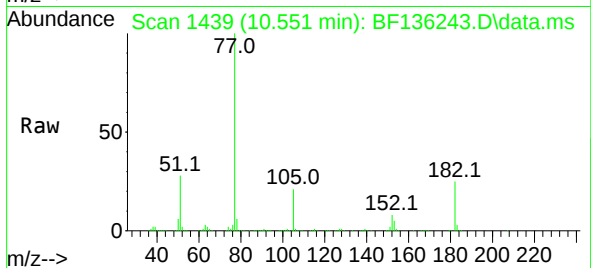
Tgt Ion:138 Resp: 200238
Ion Ratio Lower Upper
138 100
92 46.7 28.5 68.5
108 73.8 59.8 99.8





#63
Azobenzene
Concen: 42.857 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

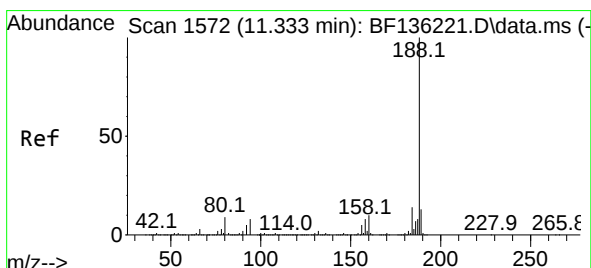
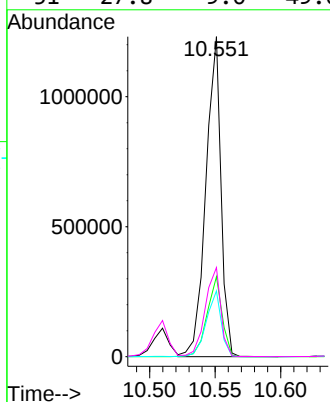
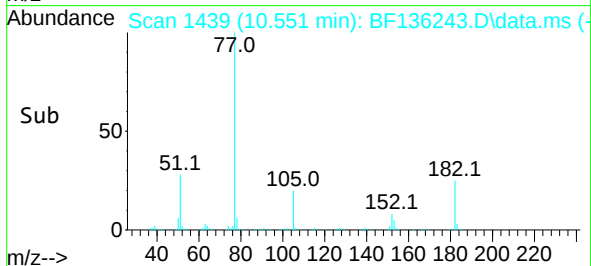
Instrument :
BNA_F
ClientSampleId :
PB157019BS



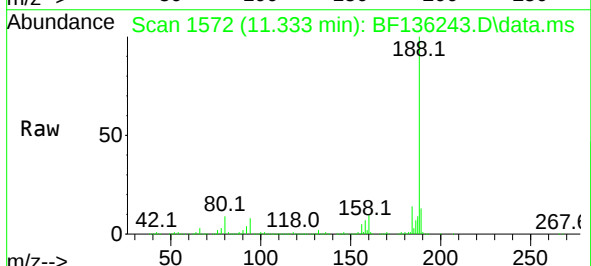
Tgt Ion: 77 Resp: 987764
Ion Ratio Lower Upper
77 100
182 25.0 3.3 43.3
105 20.5 0.0 39.5
51 27.8 9.0 49.0

Manual Integrations
APPROVED

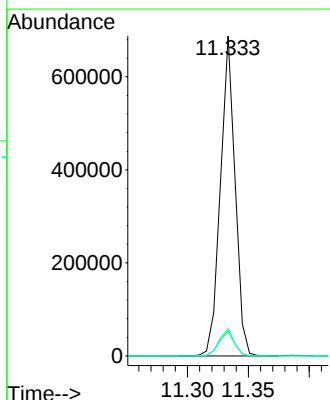
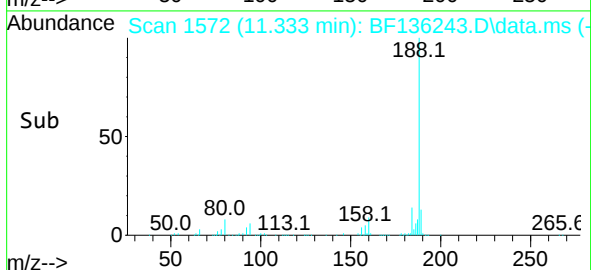
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

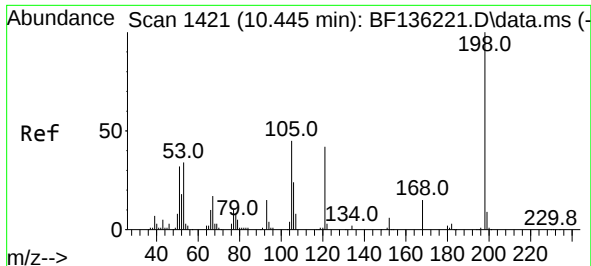


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55



Tgt Ion:188 Resp: 577886
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 8.5 7.2 10.8





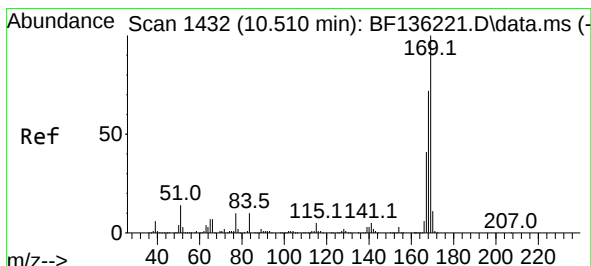
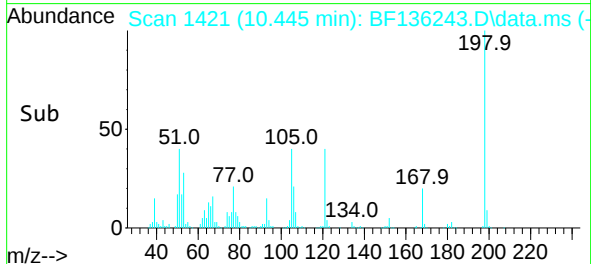
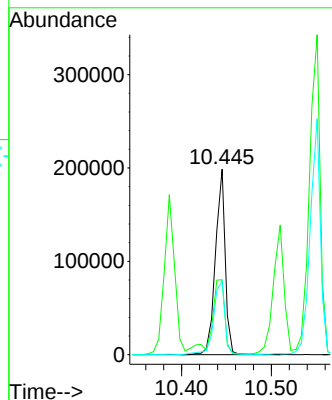
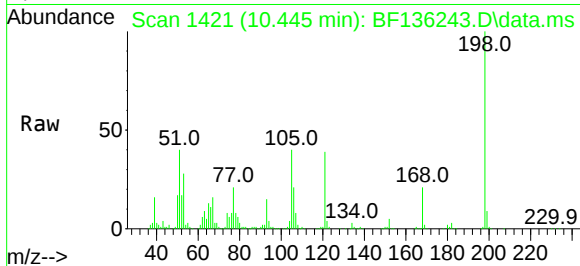
#65
4,6-Dinitro-2-methylphenol
Concen: 47.705 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

Instrument :
BNA_F
ClientSampleId :
PB157019BS

Tgt Ion:198 Resp: 150750
Ion Ratio Lower Upper
198 100
51 40.4 28.2 68.2
105 39.6 25.7 65.7

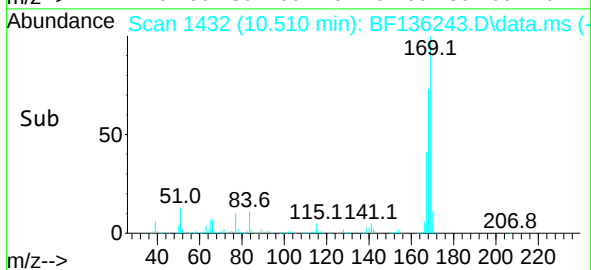
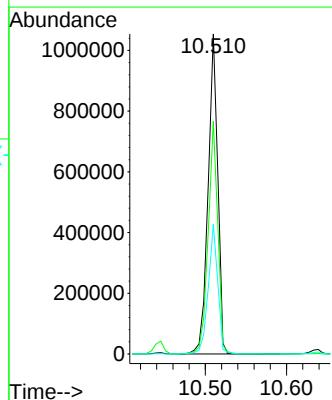
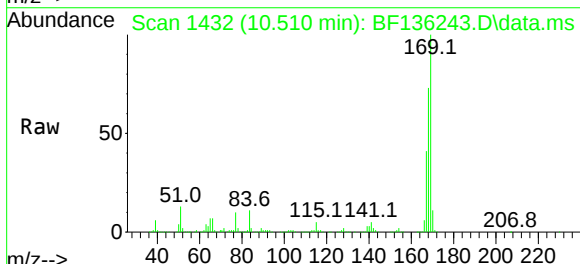
Manual Integrations
APPROVED

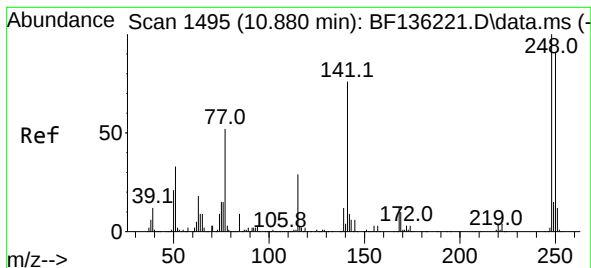
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#66
n-Nitrosodiphenylamine
Concen: 46.952 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

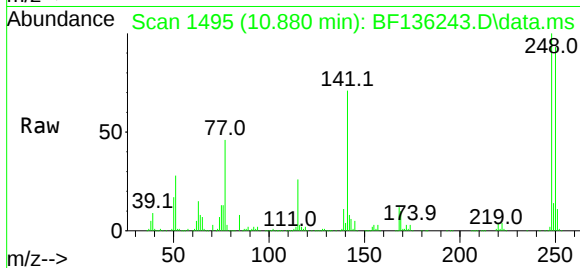
Tgt Ion:169 Resp: 869516
Ion Ratio Lower Upper
169 100
168 72.7 57.8 86.6
167 40.6 32.7 49.1





#67
4-Bromophenyl-phenylether
Concen: 45.747 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

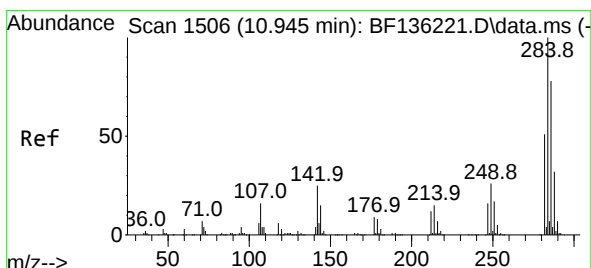
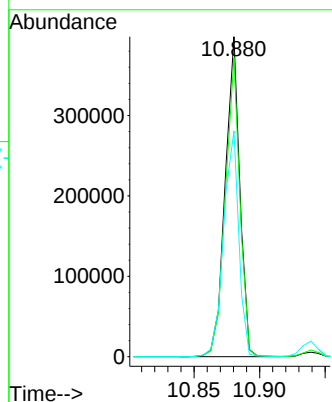
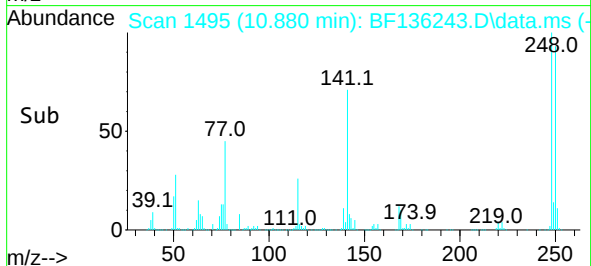
Instrument :
BNA_F
ClientSampleId :
PB157019BS



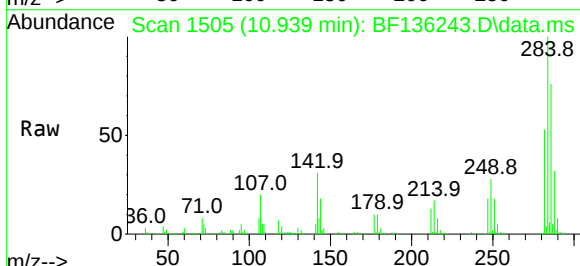
Tgt Ion:248 Resp: 308423
Ion Ratio Lower Upper
248 100
250 93.3 72.5 108.7
141 70.6 60.8 91.2

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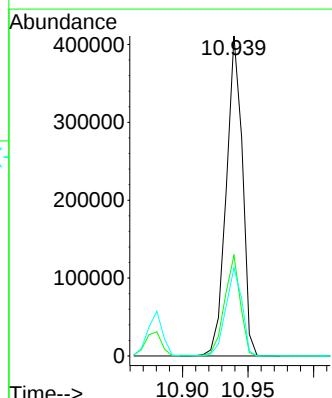
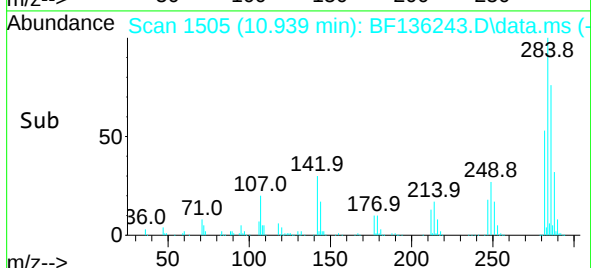
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

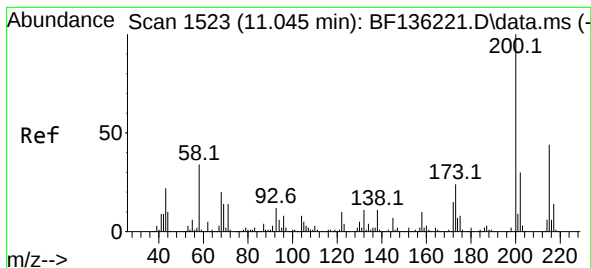


#68
Hexachlorobenzene
Concen: 44.779 ng
RT: 10.939 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55



Tgt Ion:284 Resp: 349405
Ion Ratio Lower Upper
284 100
142 31.4 19.8 29.8#
249 27.5 21.0 31.4





#69

Atrazine

Concen: 30.210 ng

RT: 11.039 min Scan# 1522

Delta R.T. -0.006 min

Lab File: BF136243.D

Acq: 28 Nov 2023 11:55

Instrument :

BNA_F

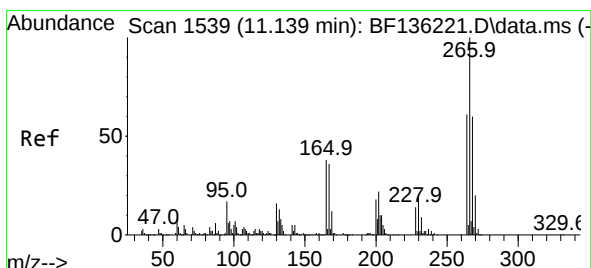
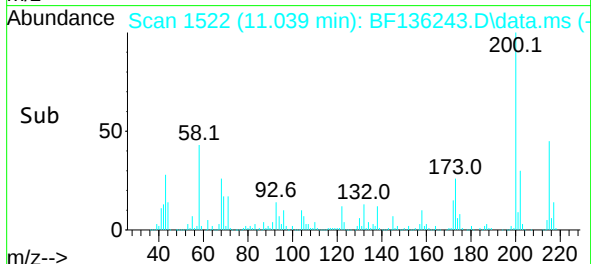
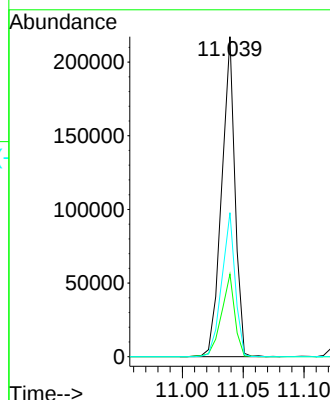
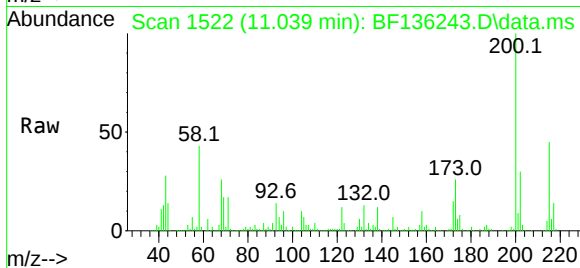
ClientSampleId :

PB157019BS

Tgt Ion:200 Resp: 165965
 Ion Ratio Lower Upper
 200 100
 173 25.8 4.3 44.3
 215 45.0 23.8 63.8

Manual Integrations
 APPROVED

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



#70

Pentachlorophenol

Concen: 82.247 ng

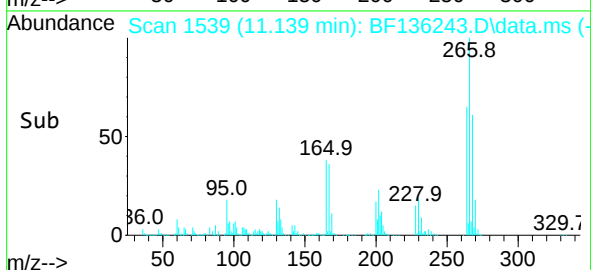
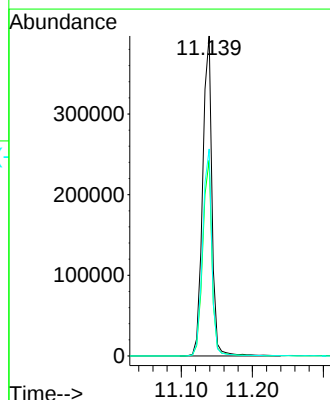
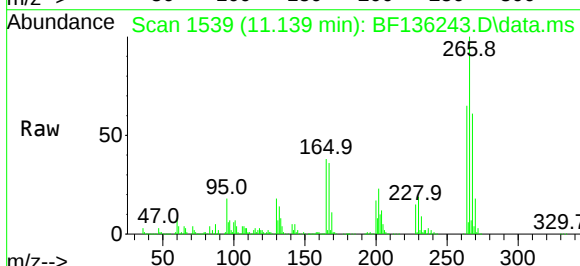
RT: 11.139 min Scan# 1539

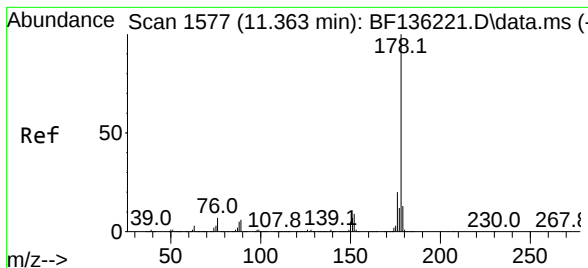
Delta R.T. 0.000 min

Lab File: BF136243.D

Acq: 28 Nov 2023 11:55

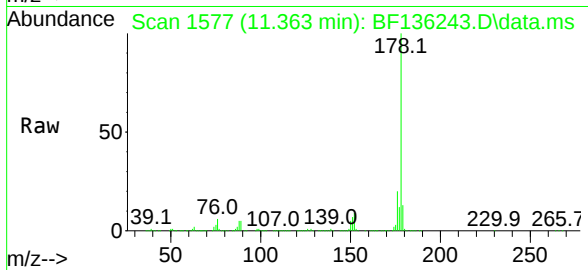
Tgt Ion:266 Resp: 362765
 Ion Ratio Lower Upper
 266 100
 268 61.1 47.9 71.9
 264 64.7 49.1 73.7





#71
Phenanthrene
Concen: 46.218 ng
RT: 11.363 min Scan# 11577
Delta R.T. 0.000 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

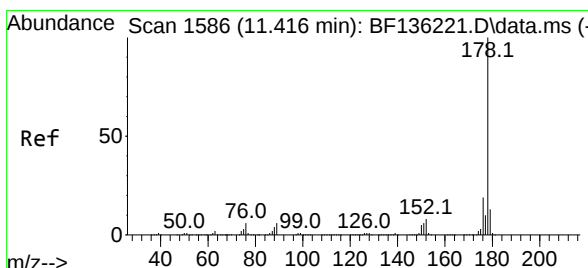
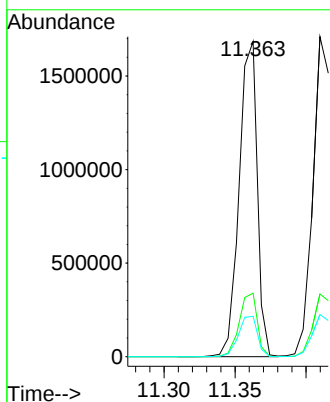
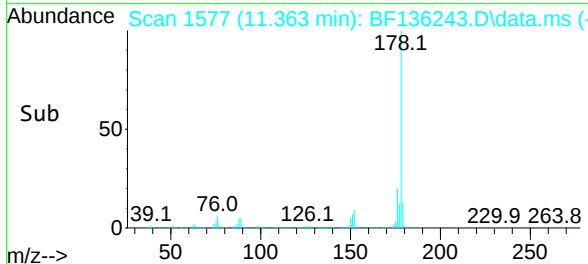
Instrument :
BNA_F
ClientSampleId :
PB157019BS



Tgt Ion:178 Resp: 150114
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.2
179 12.8 10.3 15.5

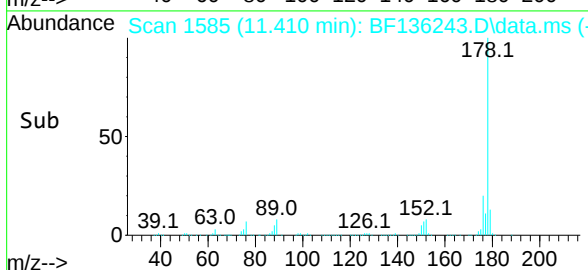
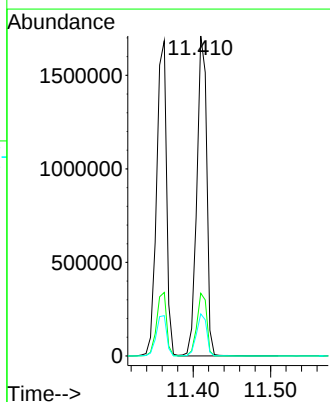
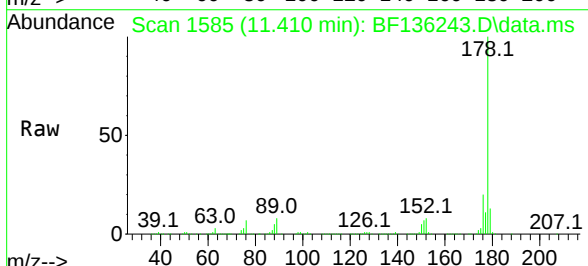
Manual Integrations
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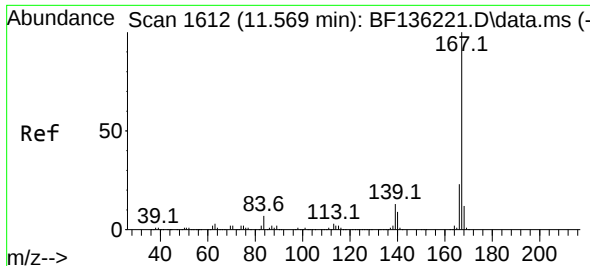
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#72
Anthracene
Concen: 46.507 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

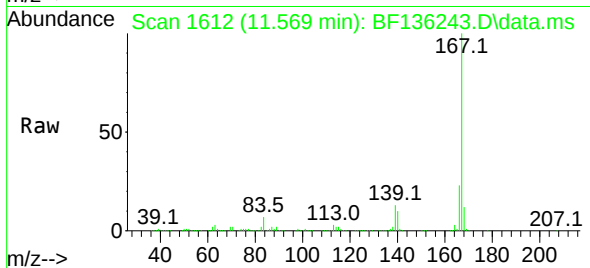
Tgt Ion:178 Resp: 1514801
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 13.2 10.5 15.7





#73
 Carbazole
 Concen: 42.049 ng
 RT: 11.569 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: BF136243.D
 Acq: 28 Nov 2023 11:55

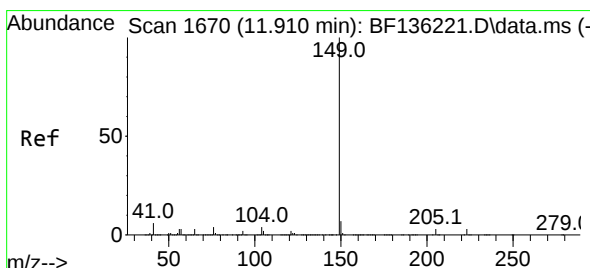
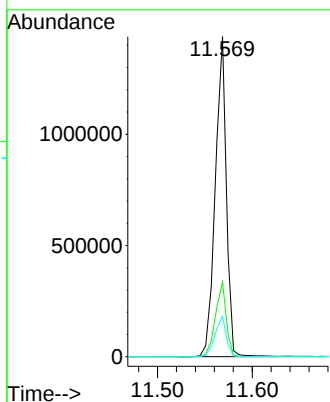
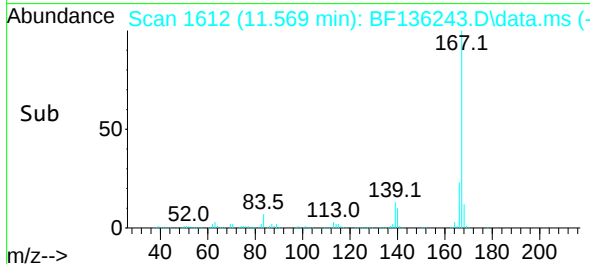
Instrument :
 BNA_F
 ClientSampleId :
 PB157019BS



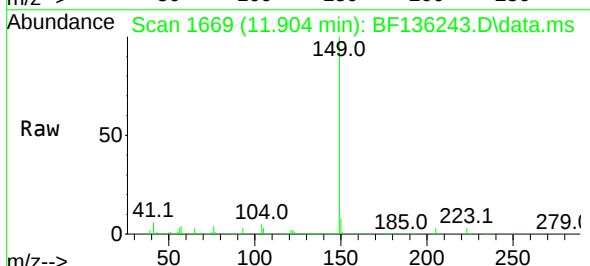
Tgt Ion:167 Resp: 116485
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.4 27.6
 139 12.6 10.5 15.7

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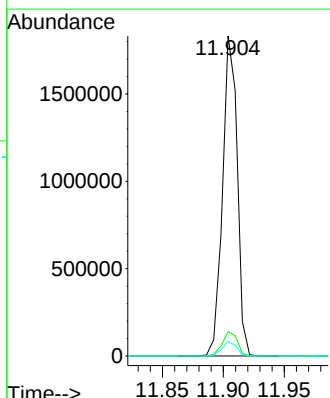
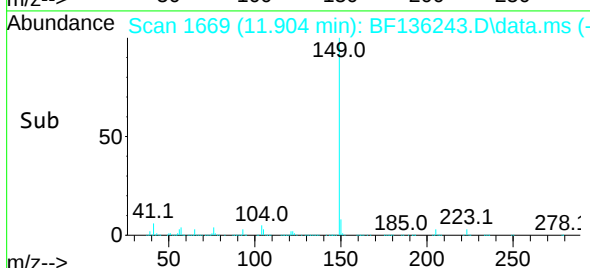
Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/01/2023

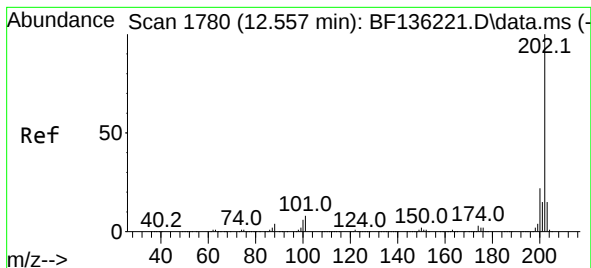


#74
 Di-n-butylphthalate
 Concen: 44.291 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF136243.D
 Acq: 28 Nov 2023 11:55



Tgt Ion:149 Resp: 1535194
 Ion Ratio Lower Upper
 149 100
 150 7.6 6.0 9.0
 104 4.5 3.5 5.3





#75

Fluoranthene

Concen: 40.829 ng

RT: 12.551 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136243.D

Acq: 28 Nov 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB157019BS

Tgt Ion:202 Resp: 134622

Ion Ratio Lower Upper

202 100

101 9.2 0.0 27.8

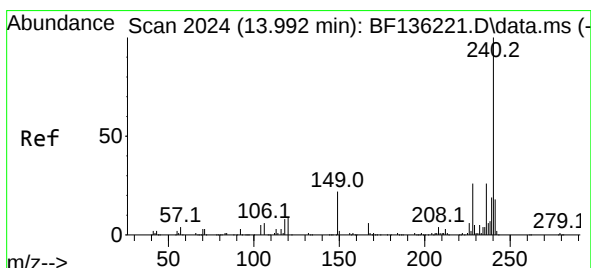
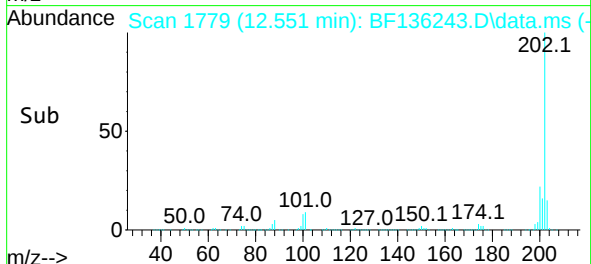
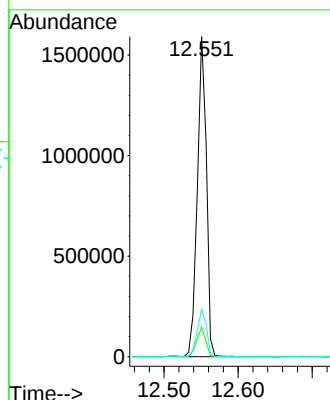
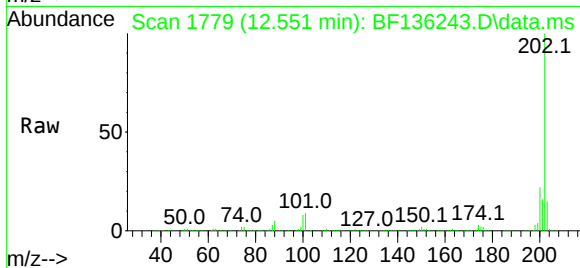
203 14.9 0.0 34.5

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: 13.986 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF136243.D

Acq: 28 Nov 2023 11:55

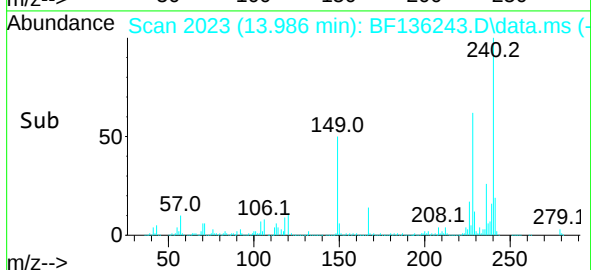
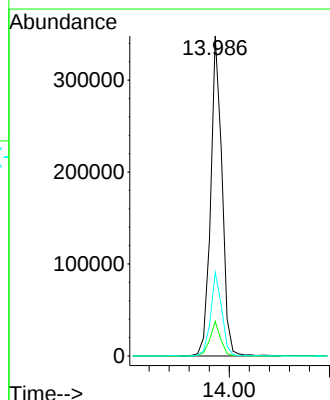
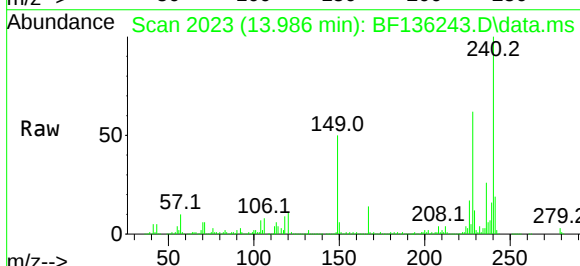
Tgt Ion:240 Resp: 274569

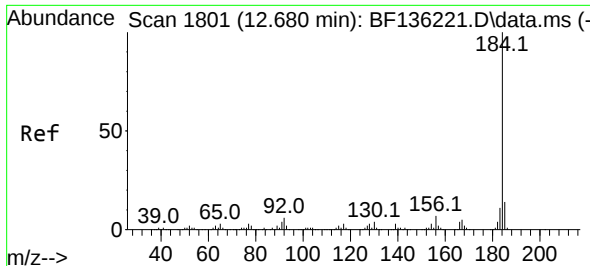
Ion Ratio Lower Upper

240 100

120 10.8 7.4 11.2

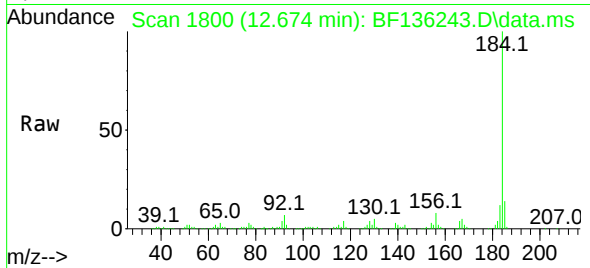
236 26.1 21.1 31.7





#77
Benzidine
Concen: 42.520 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

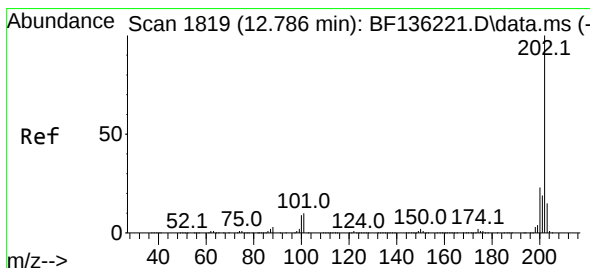
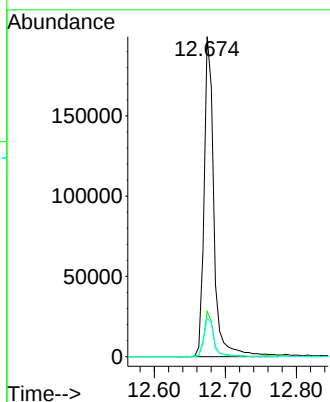
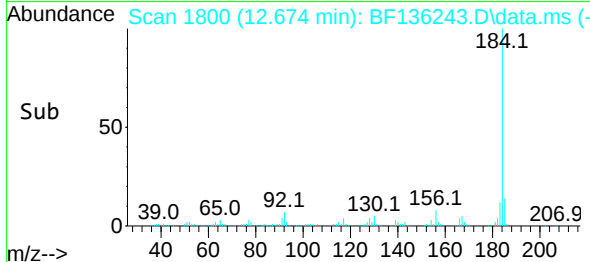
Instrument :
BNA_F
ClientSampleId :
PB157019BS



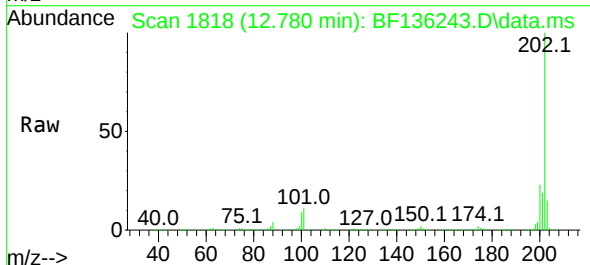
Tgt Ion:184 Resp: 191910
Ion Ratio Lower Upper
184 100
185 14.2 11.0 16.6
183 12.0 9.0 13.4

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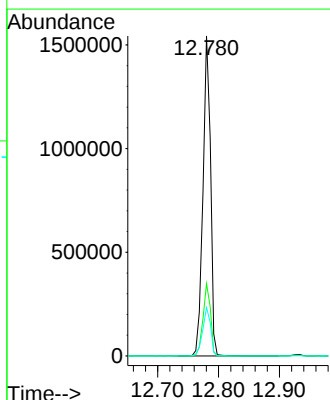
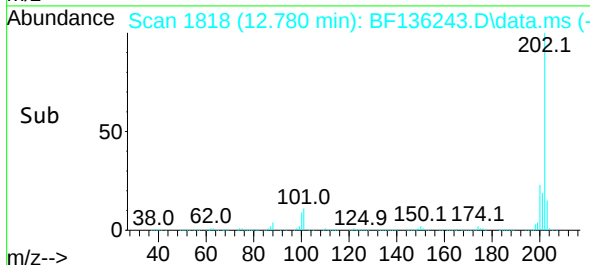
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

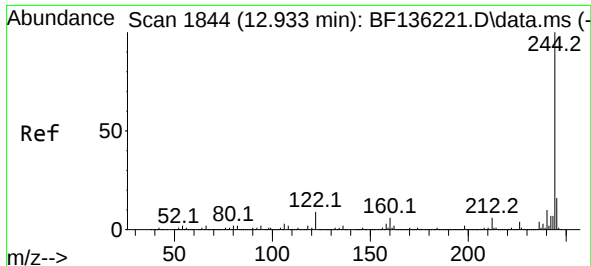


#78
Pyrene
Concen: 44.055 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55



Tgt Ion:202 Resp: 1324727
Ion Ratio Lower Upper
202 100
200 22.6 18.4 27.6
203 15.1 11.8 17.6





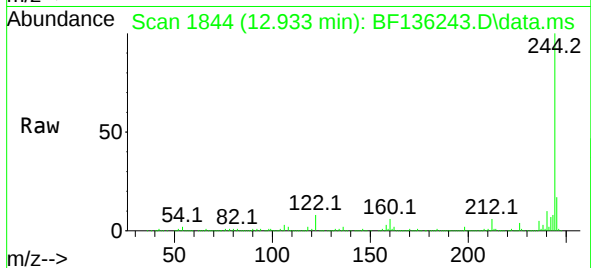
#79
 Terphenyl-d14
 Concen: 85.922 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: BF136243.D
 Acq: 28 Nov 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB157019BS

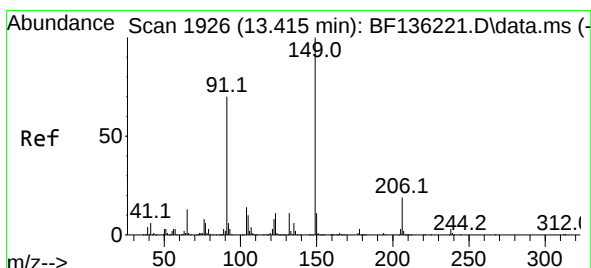
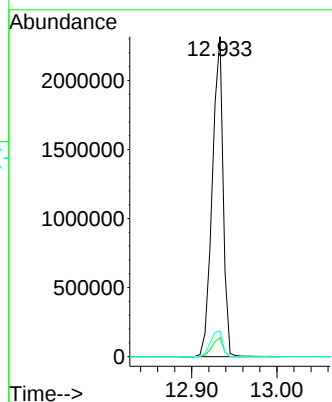
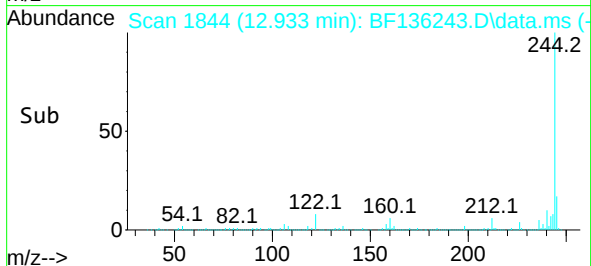


Tgt Ion:244 Resp: 2045238
 Ion Ratio Lower Upper
 244 100
 212 5.9 4.6 7.0
 122 8.0 7.3 10.9

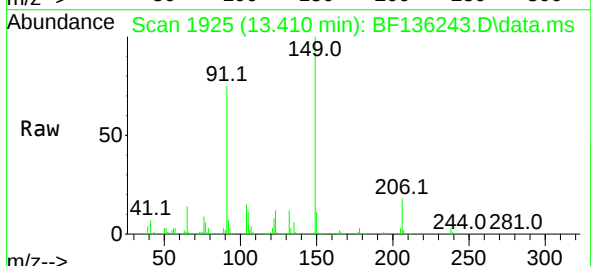
Manual Integrations

APPROVED

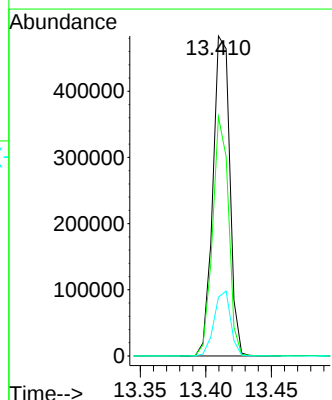
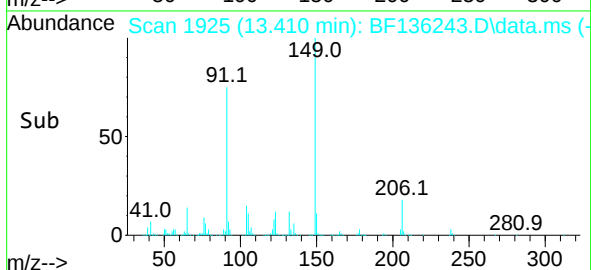
Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/01/2023

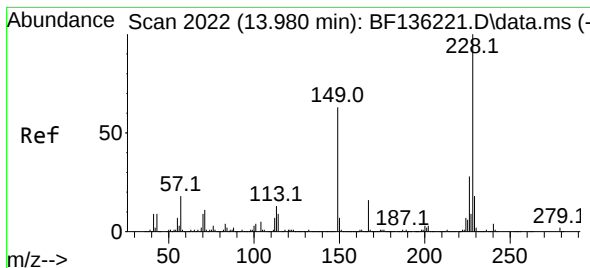


#80
 Butylbenzylphthalate
 Concen: 46.299 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF136243.D
 Acq: 28 Nov 2023 11:55



Tgt Ion:149 Resp: 433292
 Ion Ratio Lower Upper
 149 100
 91 74.7 56.4 84.6
 206 18.4 14.8 22.2





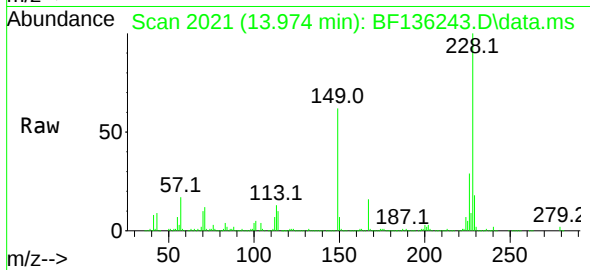
#81
Benzo(a)anthracene
Concen: 46.329 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB157019BS

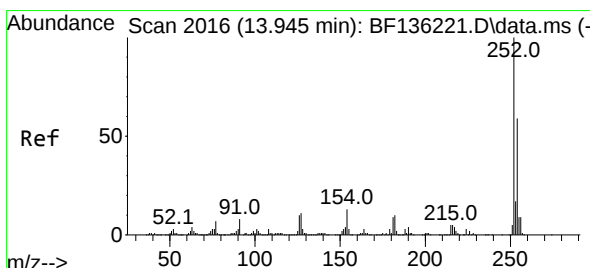
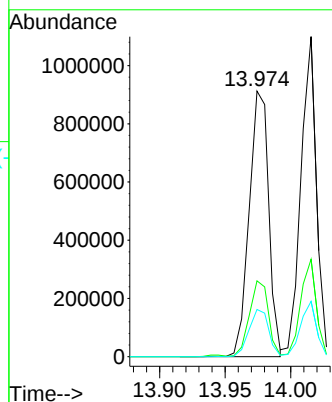
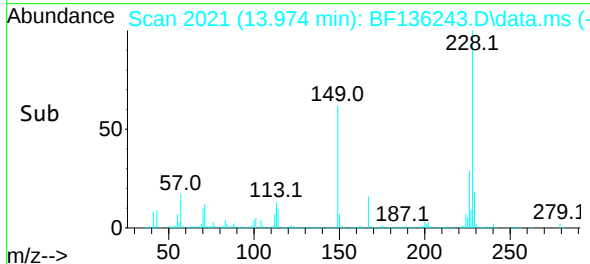


Tgt Ion:228 Resp: 944829
Ion Ratio Lower Upper
228 100
226 28.5 22.6 34.0
229 17.8 14.0 21.0

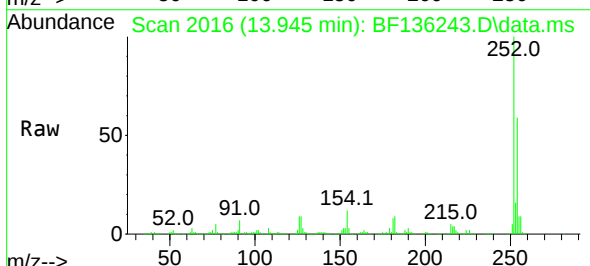
Manual Integrations

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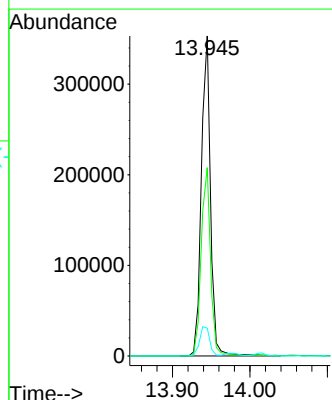
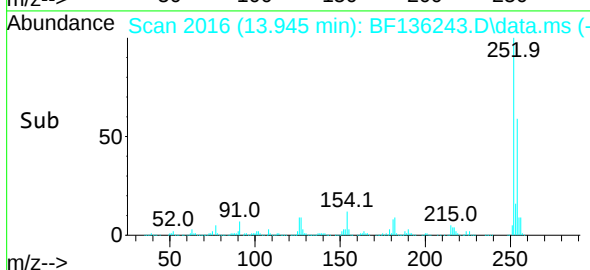
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

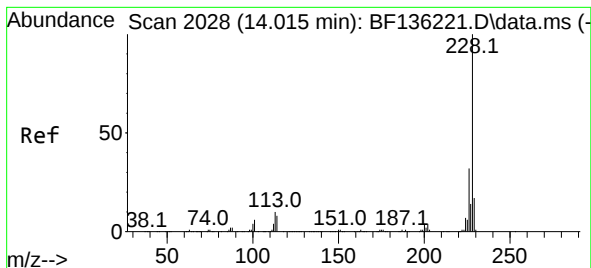


#82
3,3'-Dichlorobenzidine
Concen: 58.937 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55



Tgt Ion:252 Resp: 289331
Ion Ratio Lower Upper
252 100
254 58.8 47.4 71.2
126 8.7 8.3 12.5





#83

Chrysene

Concen: 46.062 ng

RT: 14.015 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF136243.D

Acq: 28 Nov 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB157019BS

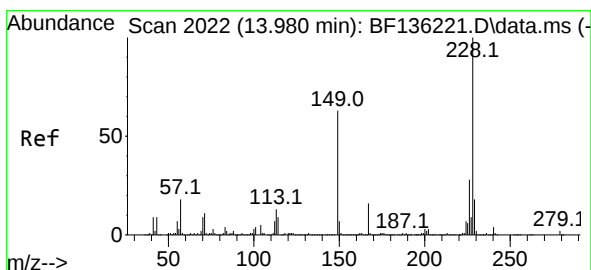
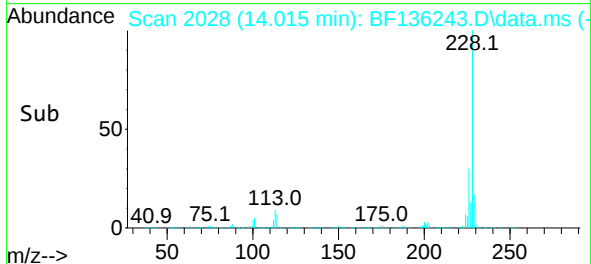
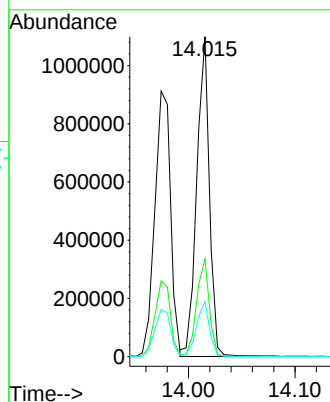
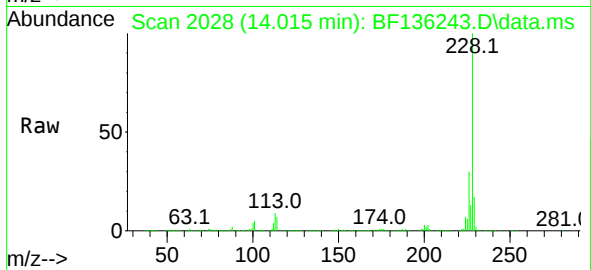
Tgt Ion:228 Resp: 907011
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.5 38.3
 229 17.3 13.9 20.9

Manual Integrations

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Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.452 ng

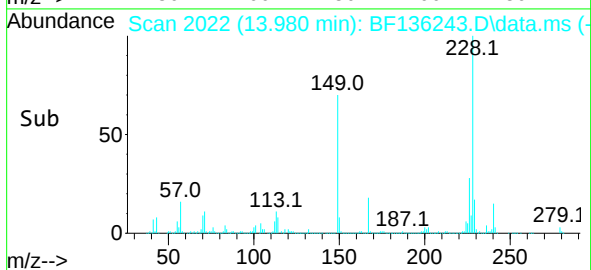
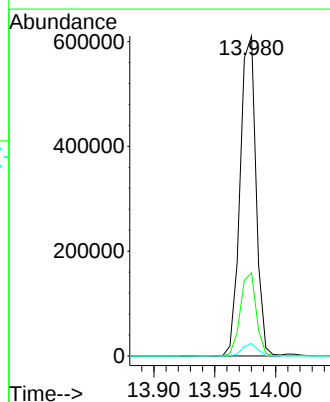
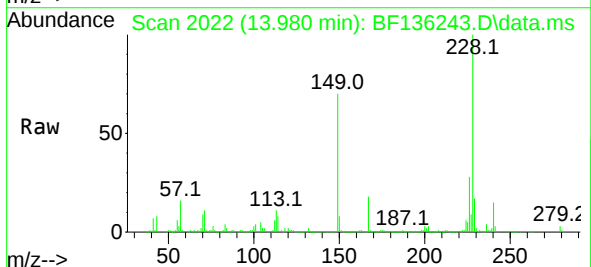
RT: 13.980 min Scan# 2022

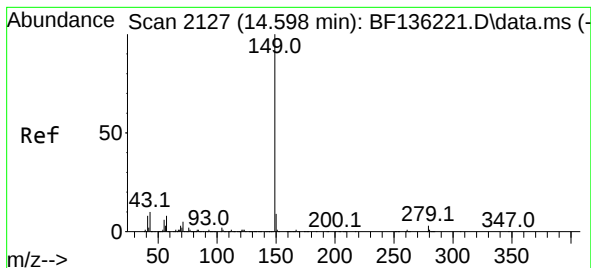
Delta R.T. 0.000 min

Lab File: BF136243.D

Acq: 28 Nov 2023 11:55

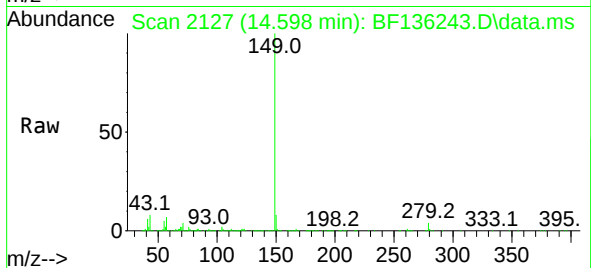
Tgt Ion:149 Resp: 555416
 Ion Ratio Lower Upper
 149 100
 167 26.0 20.2 30.2
 279 3.9 2.4 3.6#





#85
Di-n-octyl phthalate
Concen: 54.095 ng
RT: 14.598 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

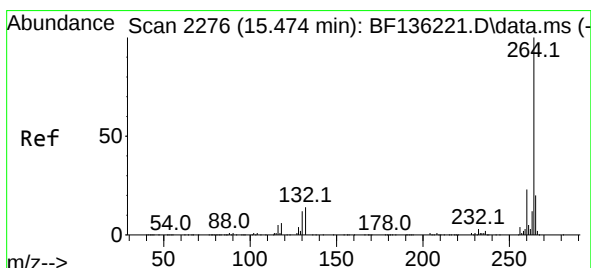
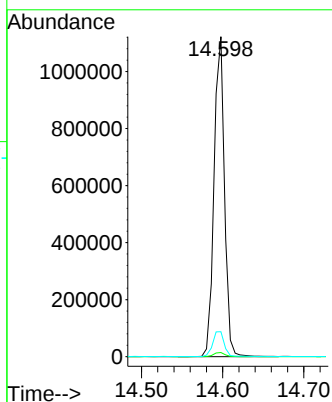
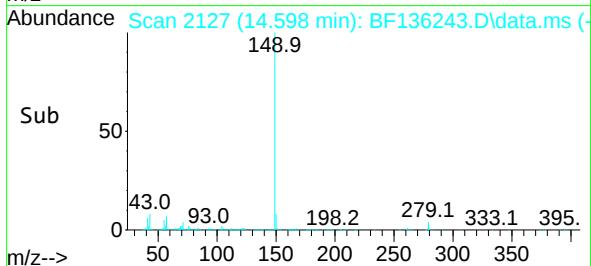
Instrument :
BNA_F
ClientSampleId :
PB157019BS



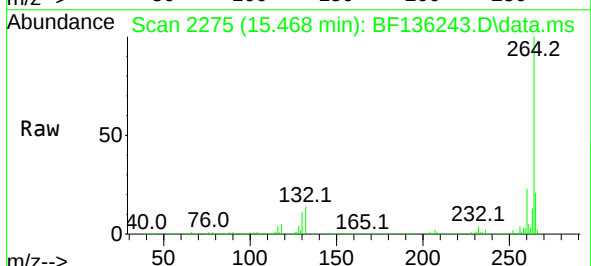
Tgt Ion:149 Resp: 100015
Ion Ratio Lower Upper
149 100
167 1.5 1.0 1.6
43 8.8 7.2 10.8

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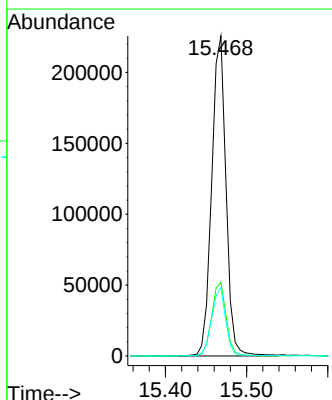
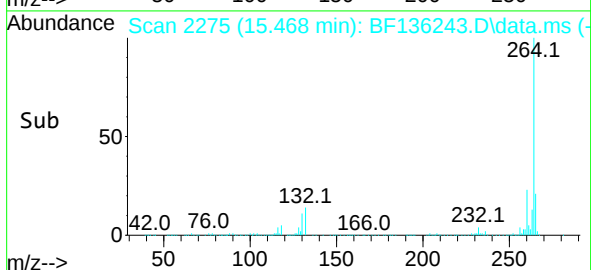
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

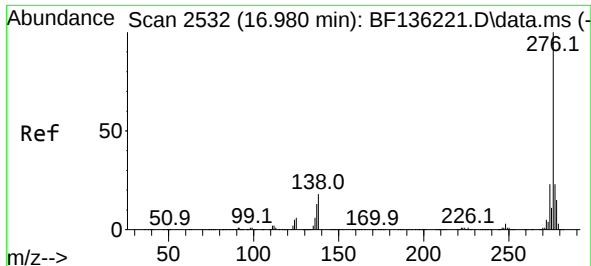


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2275
Delta R.T. -0.006 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55



Tgt Ion:264 Resp: 276159
Ion Ratio Lower Upper
264 100
260 23.0 18.6 27.8
265 21.4 15.7 23.5





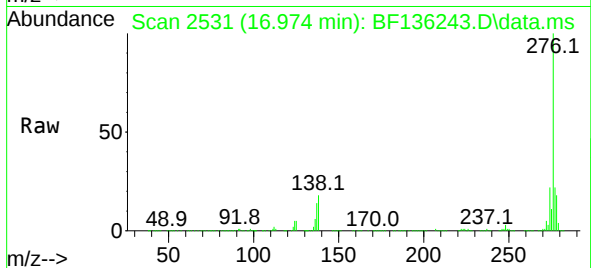
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.937 ng
RT: 16.974 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

Instrument :

BNA_F

ClientSampleId :

PB157019BS

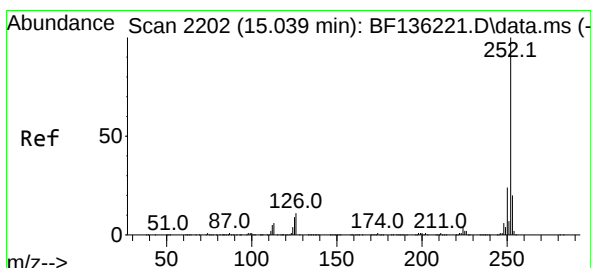
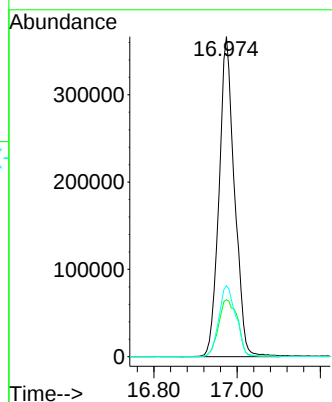


Tgt Ion:276 Resp: 945724
Ion Ratio Lower Upper
276 100
138 22.1 17.7 26.5
277 24.7 19.6 29.4

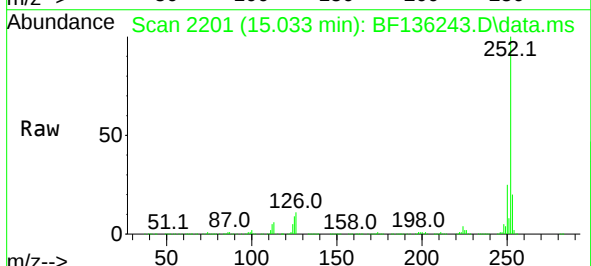
Manual Integrations

APPROVED

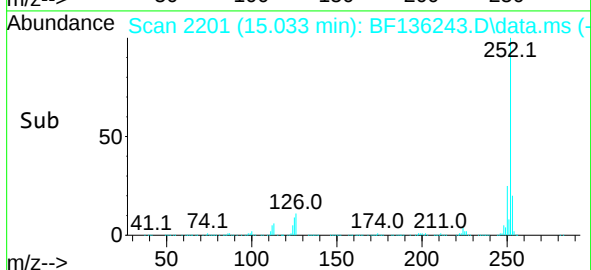
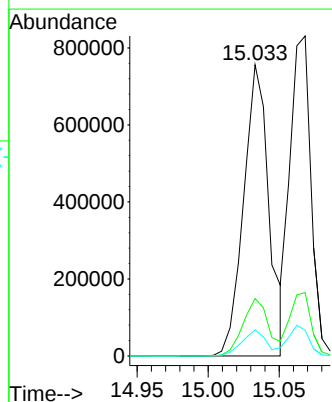
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

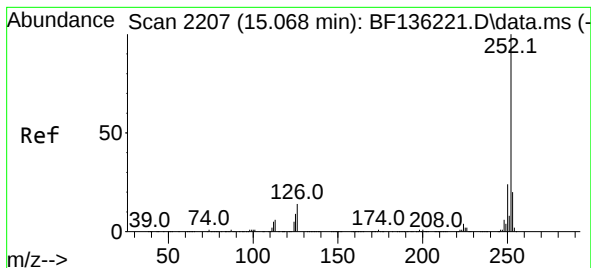


#88
Benzo(b)fluoranthene
Concen: 48.550 ng
RT: 15.033 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55



Tgt Ion:252 Resp: 940644
Ion Ratio Lower Upper
252 100
253 19.7 16.2 24.2
125 8.9 6.9 10.3





#89

Benzo(k)fluoranthene

Concen: 47.181 ng

RT: 15.068 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136243.D

Acq: 28 Nov 2023 11:55

Instrument :

BNA_F

ClientSampleId :

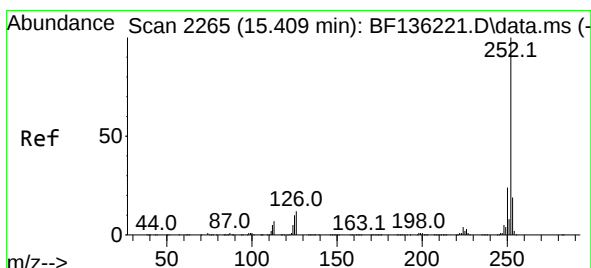
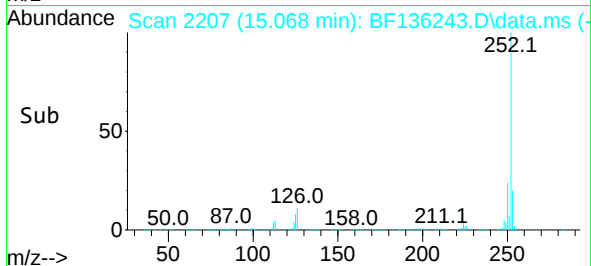
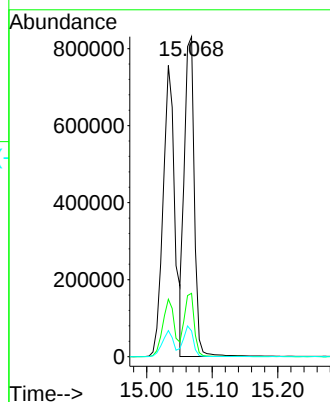
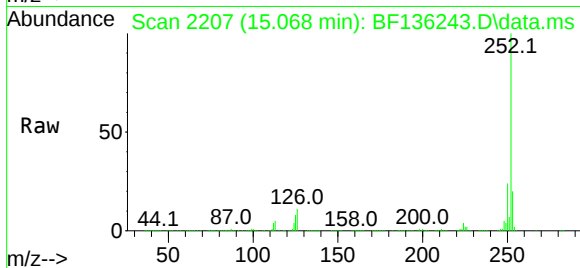
PB157019BS

Tgt Ion:252 Resp: 86820
 Ion Ratio Lower Upper
 252 100
 253 19.8 15.6 23.4
 125 8.0 7.0 10.4

Manual Integrations

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



#90

Benzo(a)pyrene

Concen: 48.761 ng

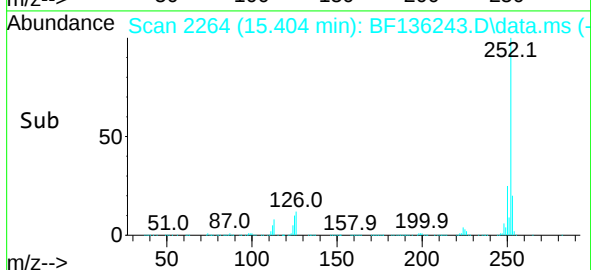
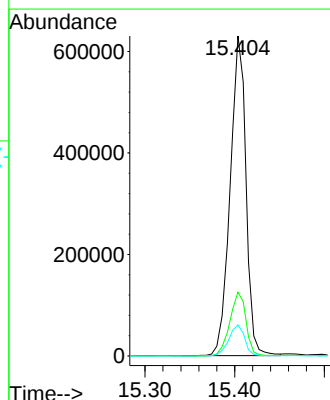
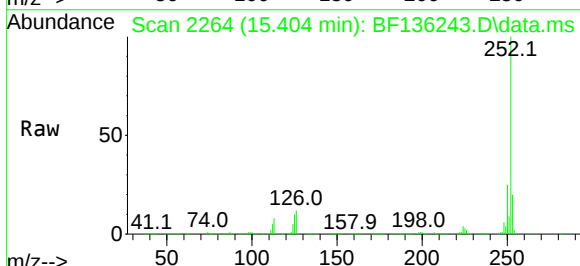
RT: 15.404 min Scan# 2264

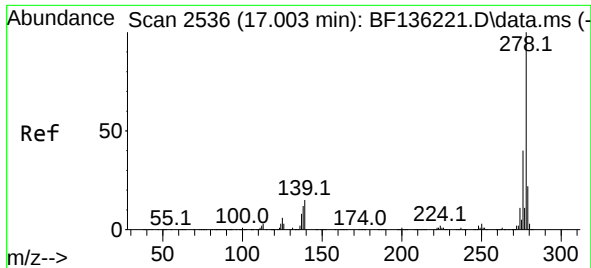
Delta R.T. -0.005 min

Lab File: BF136243.D

Acq: 28 Nov 2023 11:55

Tgt Ion:252 Resp: 772304
 Ion Ratio Lower Upper
 252 100
 253 20.0 15.5 23.3
 125 9.7 7.9 11.9





#91
Dibenzo(a,h)anthracene
Concen: 46.624 ng
RT: 16.998 min Scan# 210
Delta R.T. -0.005 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

Instrument :

BNA_F

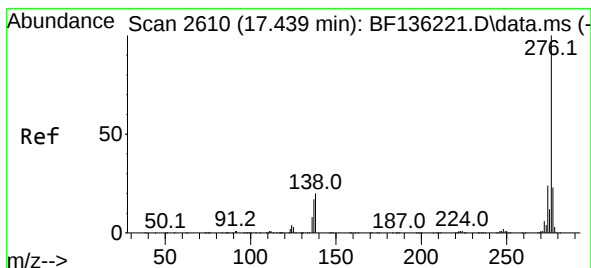
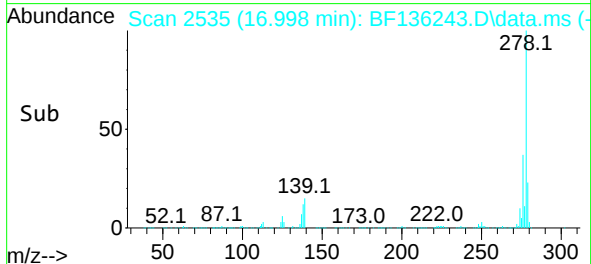
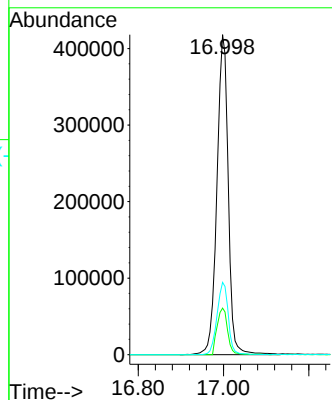
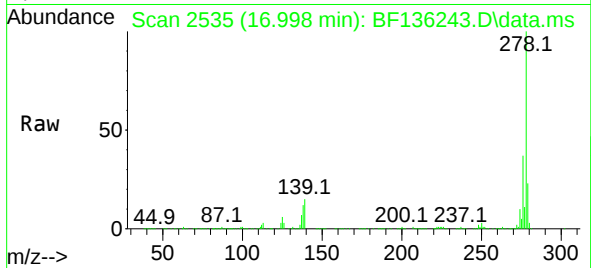
ClientSampleId :

PB157019BS

Tgt Ion:278 Resp: 771090
Ion Ratio Lower Upper
278 100
139 14.5 11.7 17.5
279 22.6 17.8 26.8

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



#92
Benzo(g,h,i)perylene
Concen: 45.492 ng
RT: 17.433 min Scan# 2609
Delta R.T. -0.006 min
Lab File: BF136243.D
Acq: 28 Nov 2023 11:55

Tgt Ion:276 Resp: 754583
Ion Ratio Lower Upper
276 100
277 22.1 18.6 27.8
138 20.1 15.8 23.8

