

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
 Data File : BF136308.D
 Acq On : 30 Nov 2023 12:08
 Operator : CG\JU
 Sample : PB157208BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157208BS

Manual Integrations
 APPROVED

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

Quant Time: Nov 30 12:26:29 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	150492	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	670798	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	341874	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	629733	20.000	ng	0.00
76) Chrysene-d12	13.986	240	302194	20.000	ng	0.00
86) Perylene-d12	15.468	264	274562	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1233775	114.108	ng	0.02
7) Phenol-d6	6.451	99	1544145	114.217	ng	0.00
23) Nitrobenzene-d5	7.375	82	927377	73.056	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	495182	118.473	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1949983	72.855	ng	0.00
79) Terphenyl-d14	12.933	244	2026502	77.353	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	127195	31.091	ng	95
3) Pyridine	3.446	79	318766	31.564	ng	96
4) n-Nitrosodimethylamine	3.416	42	183794	36.003	ng	86
6) Aniline	6.475	93	408641	31.979	ng	95
8) 2-Chlorophenol	6.593	128	493116	41.886	ng	94
9) Benzaldehyde	6.357	77	24484	3.249	ng	97
10) Phenol	6.463	94	577844	39.840	ng	98
11) bis(2-Chloroethyl)ether	6.551	93	430564	40.466	ng	96
12) 1,3-Dichlorobenzene	6.745	146	504314	37.747	ng	97
13) 1,4-Dichlorobenzene	6.822	146	512234	37.714	ng	97
14) 1,2-Dichlorobenzene	6.975	146	483207	37.580	ng	97
15) Benzyl Alcohol	6.951	79	385827	40.704	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	580038	39.246	ng	98
17) 2-Methylphenol	7.063	107	377189	40.752	ng	99
18) Hexachloroethane	7.316	117	178861	37.544	ng	95
19) n-Nitroso-di-n-propyla...	7.228	70	328064	40.573	ng	95
20) 3+4-Methylphenols	7.216	107	478476	39.777	ng	92
22) Acetophenone	7.216	105	672071	38.148	ng	# 97
24) Nitrobenzene	7.392	77	476217	37.019	ng	92
25) Isophorone	7.628	82	900038	39.321	ng	98
26) 2-Nitrophenol	7.704	139	241291	44.023	ng	95
27) 2,4-Dimethylphenol	7.745	122	381161	52.835	ng	95
28) bis(2-Chloroethoxy)met...	7.840	93	545318	39.387	ng	98
29) 2,4-Dichlorophenol	7.945	162	402080	41.321	ng	98
30) 1,2,4-Trichlorobenzene	8.028	180	450443	37.809	ng	100
31) Naphthalene	8.110	128	1441164	38.223	ng	99
32) Benzoic acid	7.881	122	298636	45.421	ng	99
33) 4-Chloroaniline	8.157	127	311954	24.341	ng	97
34) Hexachlorobutadiene	8.222	225	248804	35.697	ng	98
35) Caprolactam	8.539	113	118298m	43.488	ng	
36) 4-Chloro-3-methylphenol	8.645	107	422643	40.047	ng	96
37) 2-Methylnaphthalene	8.798	142	904667	38.250	ng	99
38) 1-Methylnaphthalene	8.898	142	859209	37.240	ng	97
40) 1,2,4,5-Tetrachloroben...	8.963	216	429745	39.498	ng	98
41) Hexachlorocyclopentadiene	8.951	237	432067	103.204	ng	95
43) 2,4,6-Trichlorophenol	9.081	196	290820	41.181	ng	93

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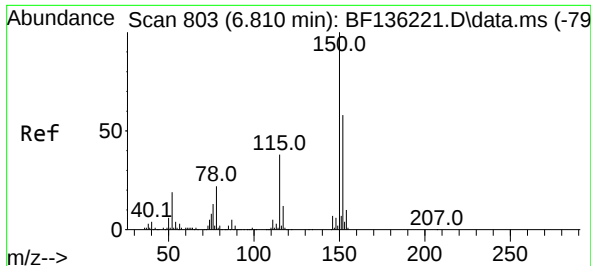
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	307886	39.950	ng	98
46) 1,1'-Biphenyl	9.269	154	1181504	39.190	ng	99
47) 2-Chloronaphthalene	9.292	162	896490	38.291	ng	99
48) 2-Nitroaniline	9.386	65	258702	42.322	ng	96
49) Acenaphthylene	9.710	152	1398834	41.867	ng	99
50) Dimethylphthalate	9.575	163	1061706	41.089	ng	99
51) 2,6-Dinitrotoluene	9.633	165	216448	41.003	ng	100
52) Acenaphthene	9.881	154	834880	39.541	ng	98
53) 3-Nitroaniline	9.804	138	175623	33.530	ng	92
54) 2,4-Dinitrophenol	9.910	184	233625	95.159	ng	99
55) Dibenzofuran	10.051	168	1256582	39.995	ng	99
56) 4-Nitrophenol	9.969	139	335831	84.419	ng	94
57) 2,4-Dinitrotoluene	10.039	165	291261	41.306	ng	92
58) Fluorene	10.398	166	966138	39.203	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	265252	43.258	ng	97
60) Diethylphthalate	10.275	149	1033708	39.992	ng	100
61) 4-Chlorophenyl-phenyle...	10.392	204	463482	38.726	ng	99
62) 4-Nitroaniline	10.422	138	201880	39.376	ng	95
63) Azobenzene	10.551	77	935740	39.050	ng	97
65) 4,6-Dinitro-2-methylph...	10.451	198	153523	44.581	ng	83
66) n-Nitrosodiphenylamine	10.510	169	845141	41.879	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	299422	40.755	ng	98
68) Hexachlorobenzene	10.945	284	345112	40.587	ng	99
69) Atrazine	11.045	200	244172	40.787	ng	99
70) Pentachlorophenol	11.139	266	325097	67.639	ng	97
71) Phenanthrene	11.363	178	1485183	41.962	ng	100
72) Anthracene	11.416	178	1484052	41.812	ng	99
73) Carbazole	11.569	167	1214946	40.246	ng	100
74) Di-n-butylphthalate	11.904	149	1585010	41.963	ng	99
75) Fluoranthene	12.557	202	1388580	38.646	ng	99
77) Benzidine	12.680	184	112030	22.552	ng	99
78) Pyrene	12.786	202	1350970	40.820	ng	99
80) Butylbenzylphthalate	13.410	149	454501	44.126	ng	100
81) Benzo(a)anthracene	13.980	228	886997	39.517	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	226280	41.880	ng	95
83) Chrysene	14.016	228	855924	39.494	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	531924	43.031	ng	100
85) Di-n-octyl phthalate	14.592	149	901615	45.242	ng	98
87) Indeno(1,2,3-cd)pyrene	16.986	276	899562	44.065	ng	99
88) Benzo(b)fluoranthene	15.033	252	819100	42.522	ng	99
89) Benzo(k)fluoranthene	15.068	252	767250	41.937	ng	99
90) Benzo(a)pyrene	15.410	252	696988	44.262	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	733568	44.731	ng	98
92) Benzo(g,h,i)perylene	17.445	276	716187	43.515	ng	98

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



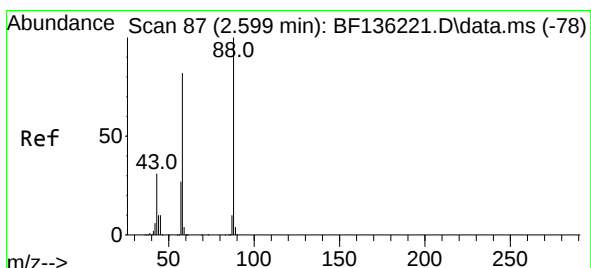
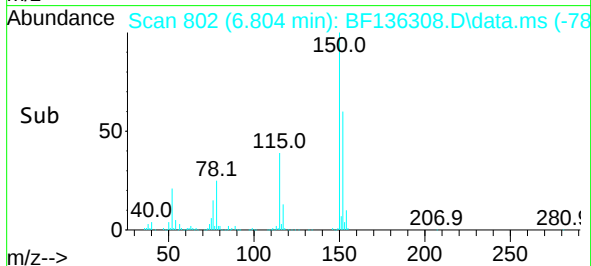
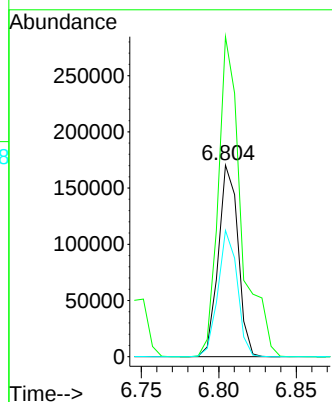
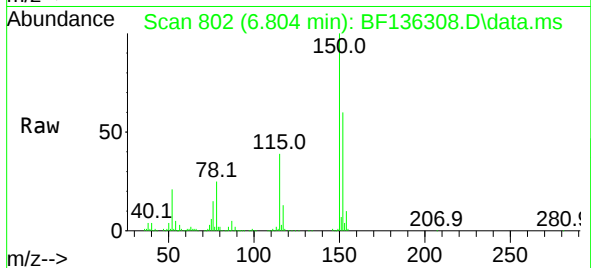
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

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ClientSampleId :
PB157208BS

Tgt Ion:152 Resp: 150492
Ion Ratio Lower Upper
152 100
150 167.0 137.8 206.8
115 65.9 52.7 79.1

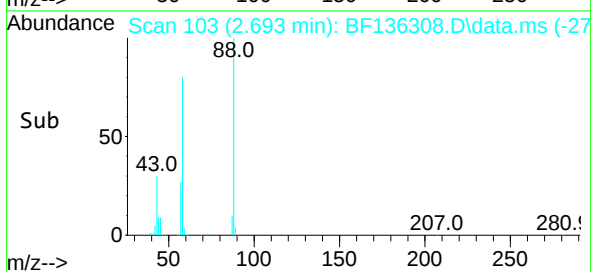
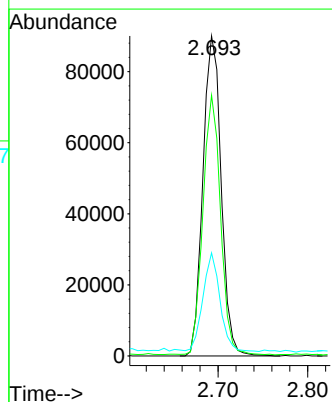
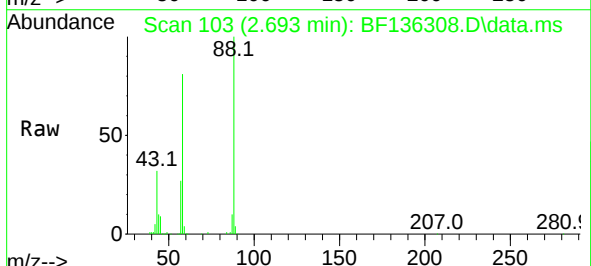
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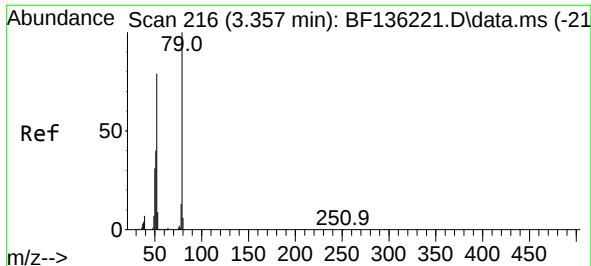
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#2
1,4-Dioxane
Concen: 31.091 ng
RT: 2.693 min Scan# 103
Delta R.T. 0.094 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

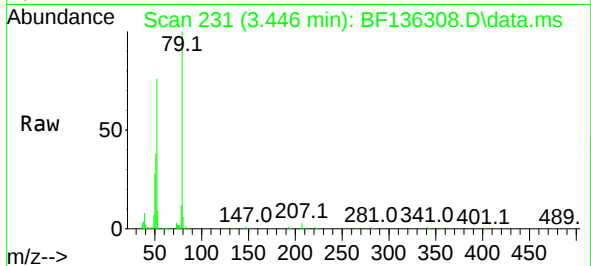
Tgt Ion: 88 Resp: 127195
Ion Ratio Lower Upper
88 100
58 78.1 65.9 98.9
43 28.8 24.8 37.2





#3
Pyridine
Concen: 31.564 ng
RT: 3.446 min Scan# 216
Delta R.T. 0.088 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

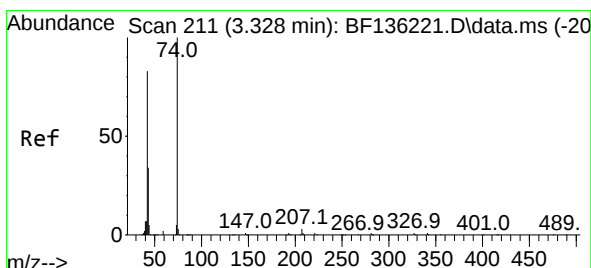
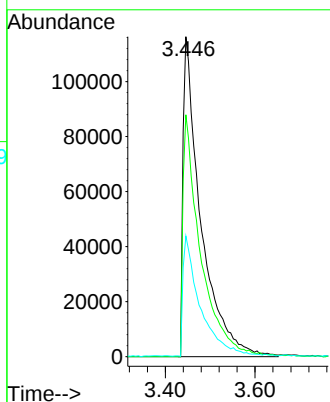
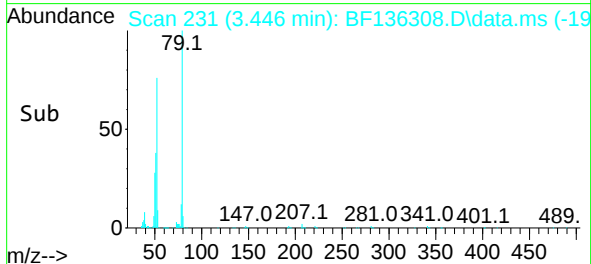
Instrument :
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PB157208BS



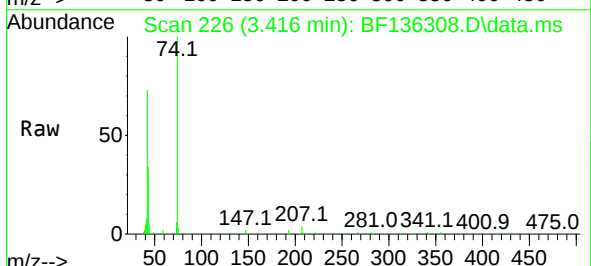
Tgt Ion: 79 Resp: 318760
Ion Ratio Lower Upper
79 100
52 75.6 63.2 94.8
51 37.7 32.6 49.0

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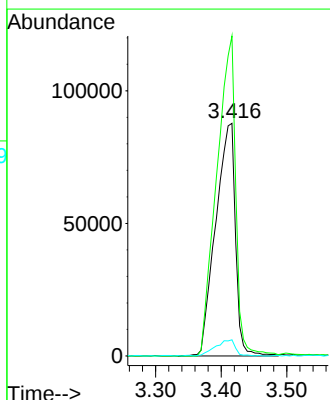
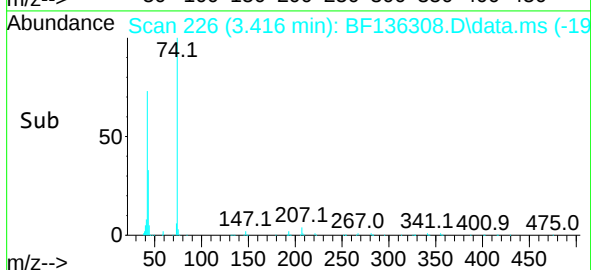
Reviewed By :Yogesh Patel 12/01/2023
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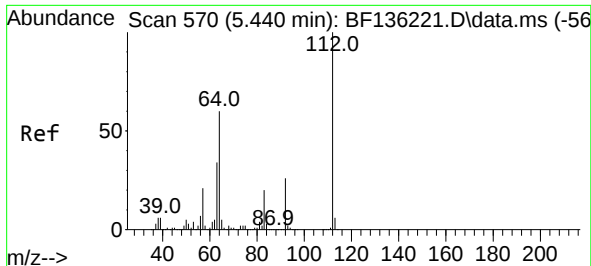


#4
n-Nitrosodimethylamine
Concen: 36.003 ng
RT: 3.416 min Scan# 226
Delta R.T. 0.088 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08



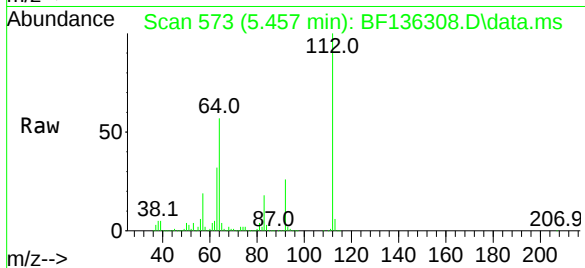
Tgt Ion: 42 Resp: 183794
Ion Ratio Lower Upper
42 100
74 137.5 96.6 144.8
44 6.9 5.4 8.2





#5
2-Fluorophenol
Concen: 114.108 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

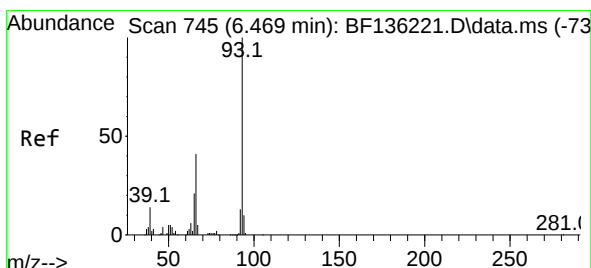
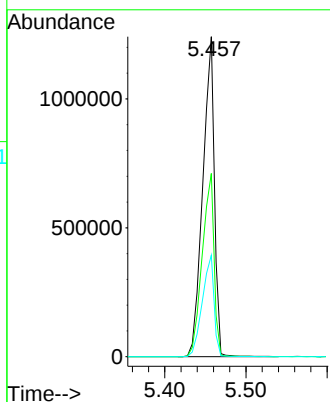
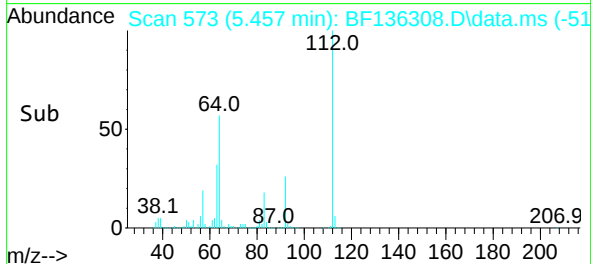
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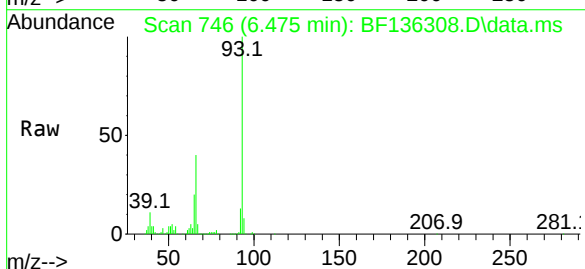
Tgt Ion:112 Resp: 123377
Ion Ratio Lower Upper
112 100
64 57.3 48.2 72.4
63 31.7 27.0 40.6

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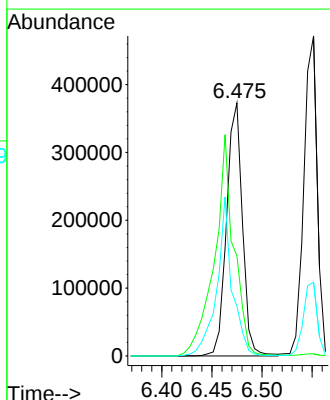
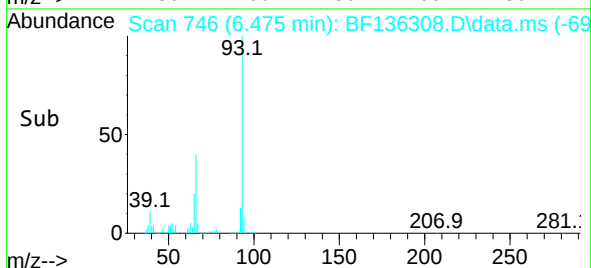
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#6
Aniline
Concen: 31.979 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08



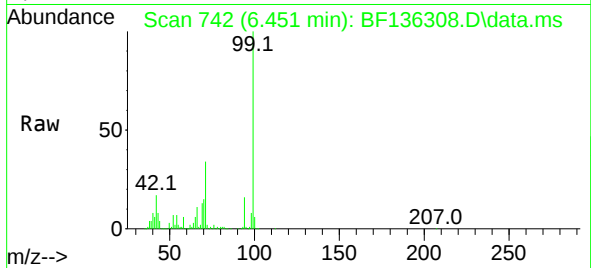
Tgt Ion: 93 Resp: 408641
Ion Ratio Lower Upper
93 100
66 39.5 34.1 51.1
65 19.6 17.3 25.9





#7
Phenol-d6
Concen: 114.217 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

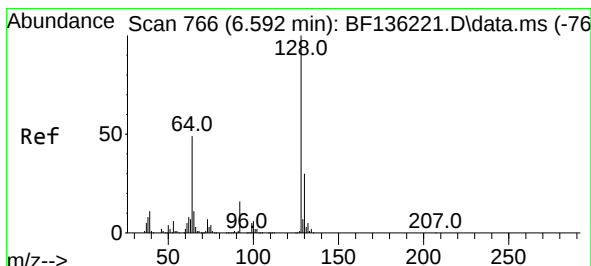
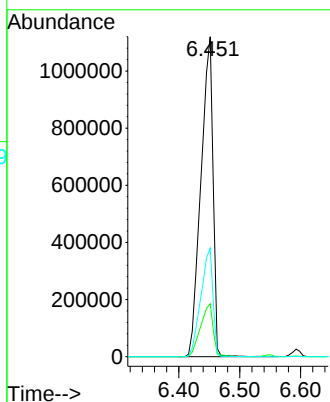
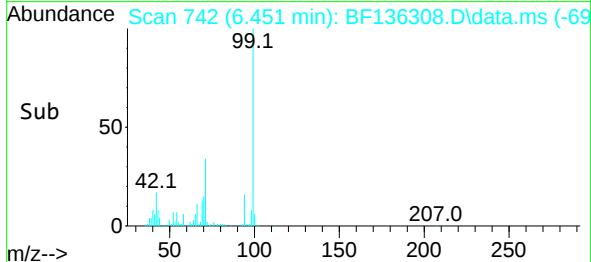
Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 154414
Ion Ratio Lower Upper
99 100
42 16.6 15.0 22.6
71 33.9 28.9 43.3

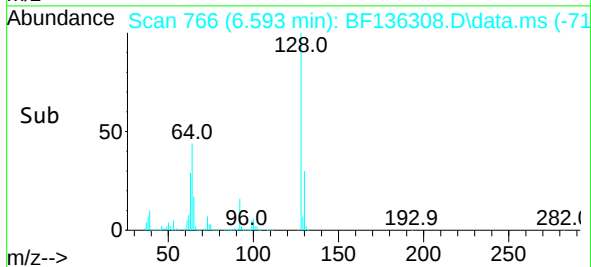
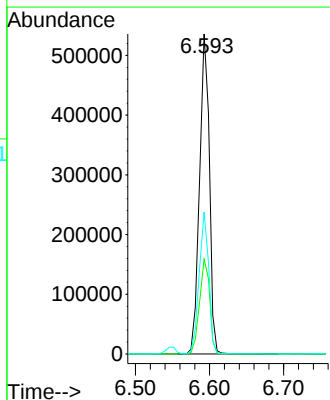
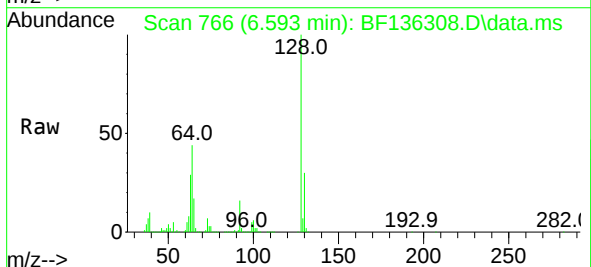
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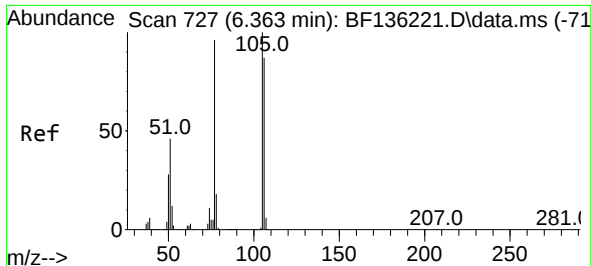
Reviewed By :Yogesh Patel 12/01/2023
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#8
2-Chlorophenol
Concen: 41.886 ng
RT: 6.593 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

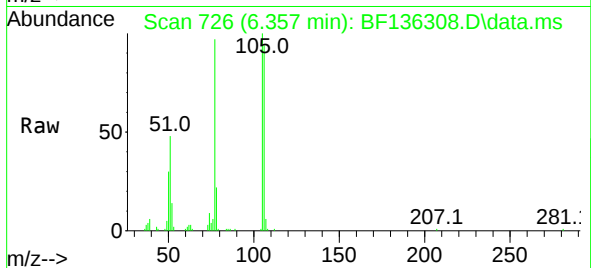
Tgt Ion:128 Resp: 493116
Ion Ratio Lower Upper
128 100
130 29.6 10.3 50.3
64 44.3 30.0 70.0





#9
Benzaldehyde
Concen: 3.249 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

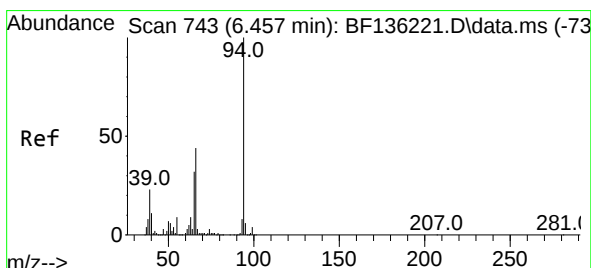
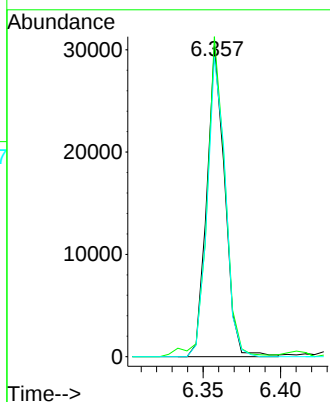
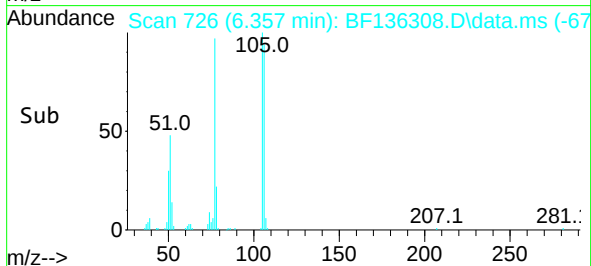
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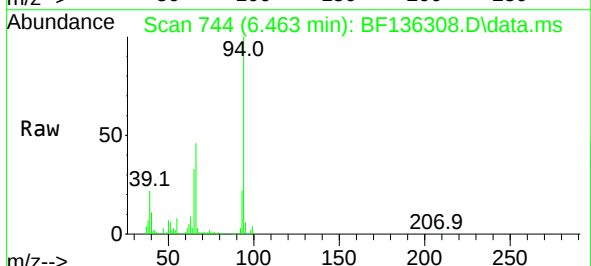
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Ion Ratio Lower Upper
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105 102.9 84.3 124.3
106 96.4 71.0 111.0

Manual Integrations
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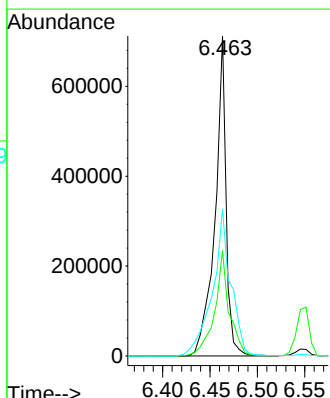
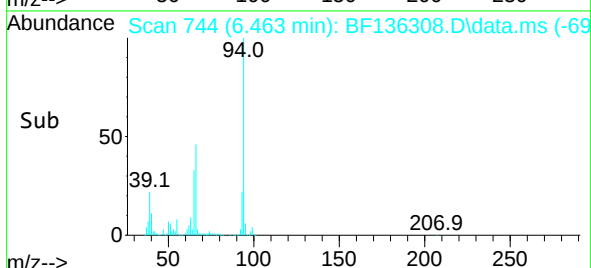
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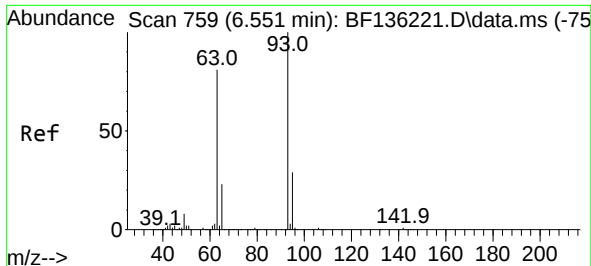


#10
Phenol
Concen: 39.840 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08



Tgt Ion: 94 Resp: 577844
Ion Ratio Lower Upper
94 100
65 32.9 12.5 52.5
66 45.8 24.1 64.1





#11
bis(2-Chloroethyl)ether
Concen: 40.466 ng
RT: 6.551 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

Instrument :

BNA_F

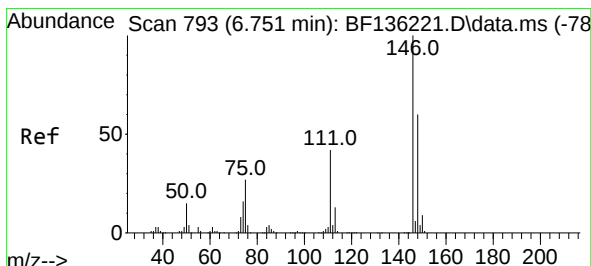
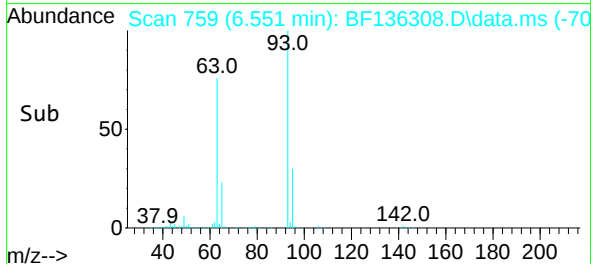
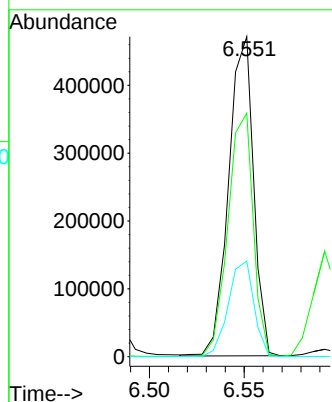
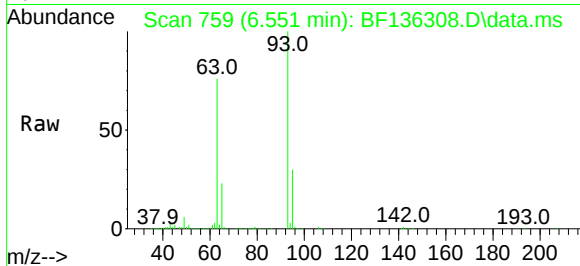
ClientSampleId :

PB157208BS

Tgt Ion: 93 Resp: 430564
Ion Ratio Lower Upper
93 100
63 76.1 60.2 100.2
95 29.9 9.1 49.1

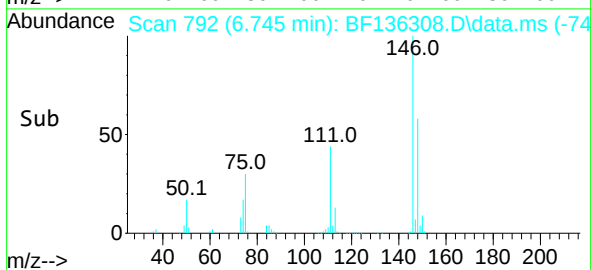
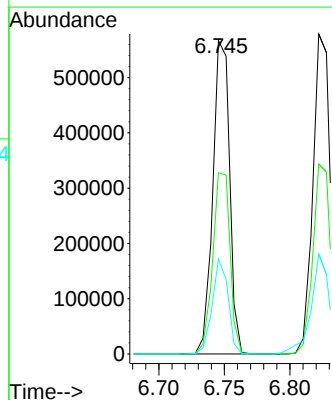
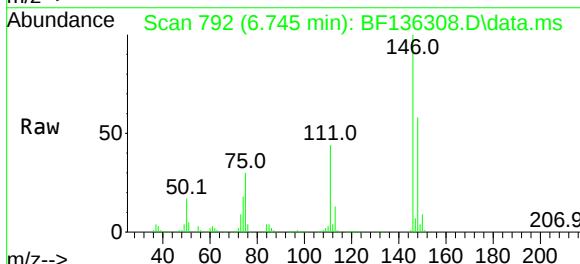
Manual Integrations
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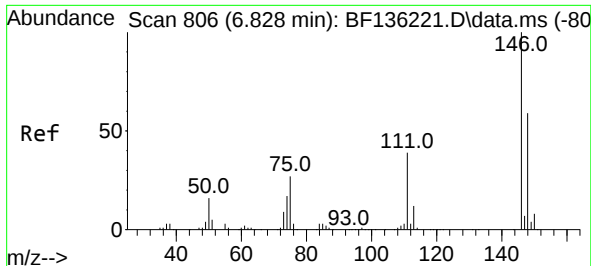
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#12
1,3-Dichlorobenzene
Concen: 37.747 ng
RT: 6.745 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

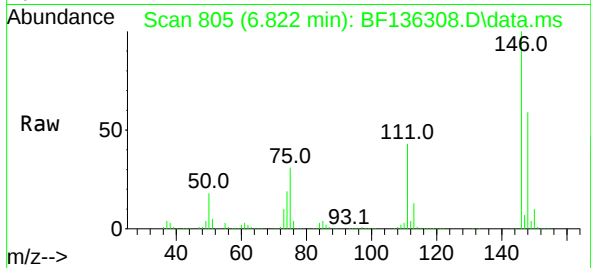
Tgt Ion:146 Resp: 504314
Ion Ratio Lower Upper
146 100
148 57.8 47.8 71.6
75 30.3 22.0 33.0





#13
1,4-Dichlorobenzene
Concen: 37.714 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

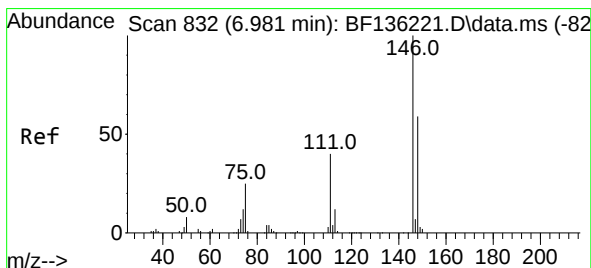
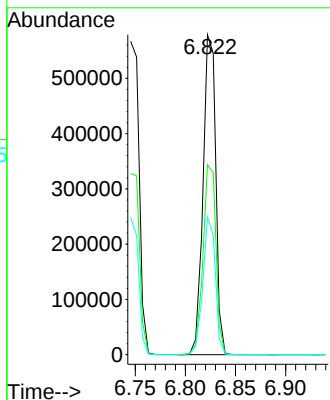
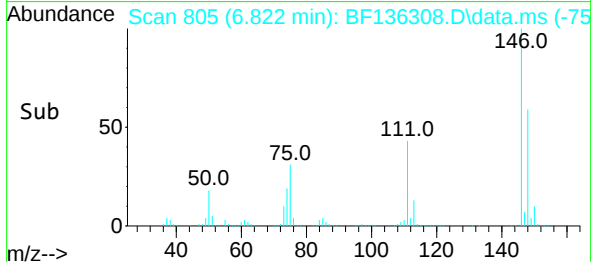
Instrument :
BNA_F
ClientSampleId :
PB157208BS



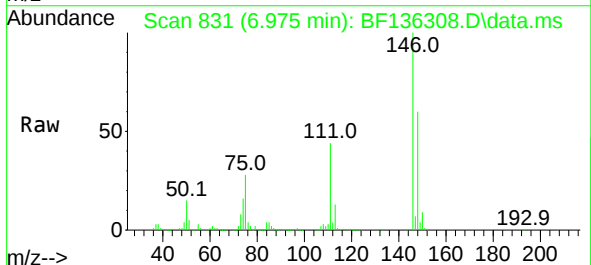
Tgt Ion:146 Resp: 512234
Ion Ratio Lower Upper
146 100
148 59.4 47.0 70.6
111 43.0 31.5 47.3

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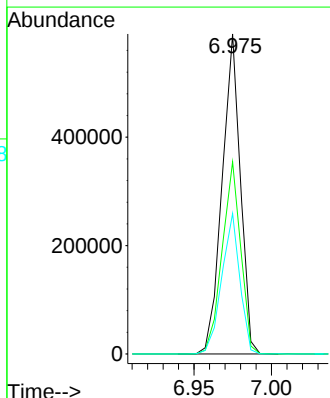
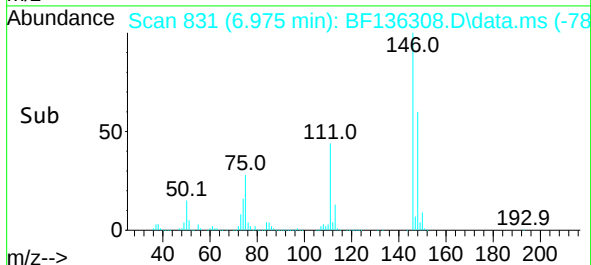
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

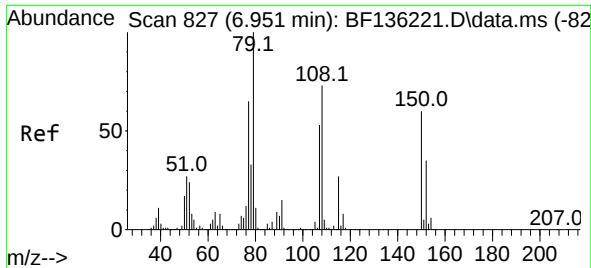


#14
1,2-Dichlorobenzene
Concen: 37.580 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.006 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08



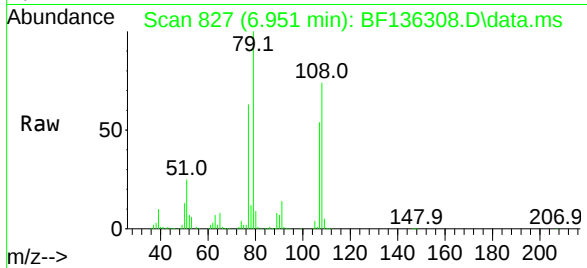
Tgt Ion:146 Resp: 483207
Ion Ratio Lower Upper
146 100
148 60.1 47.3 70.9
111 43.9 32.4 48.6





#15
Benzyl Alcohol
Concen: 40.704 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

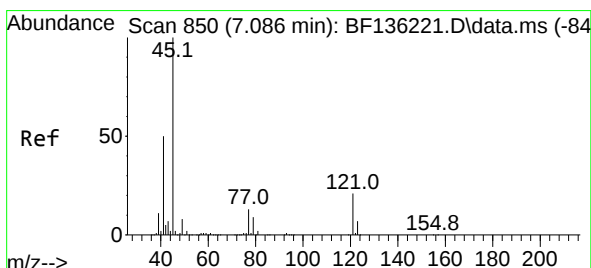
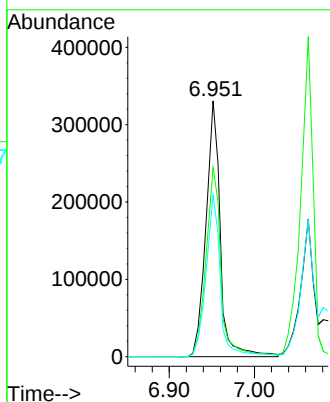
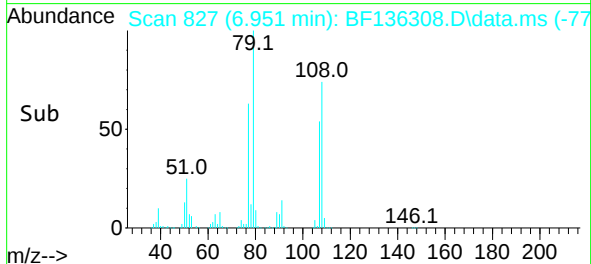
Instrument :
BNA_F
ClientSampleId :
PB157208BS



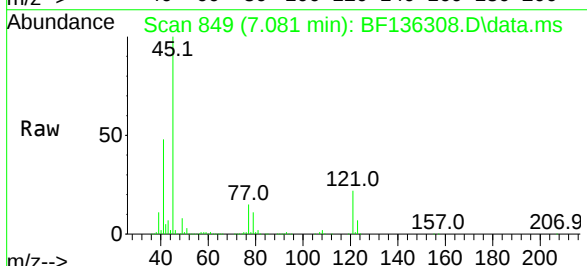
Tgt Ion: 79 Resp: 38582
Ion Ratio Lower Upper
79 100
108 73.9 58.1 87.1
77 63.2 51.8 77.8

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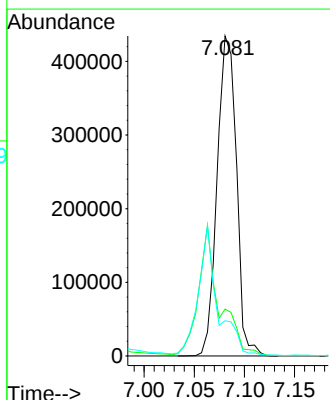
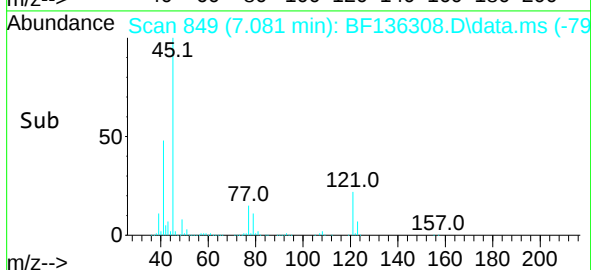
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

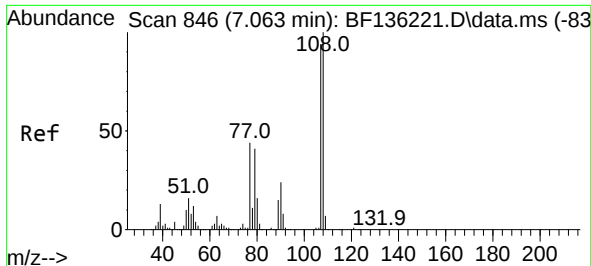


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.246 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08



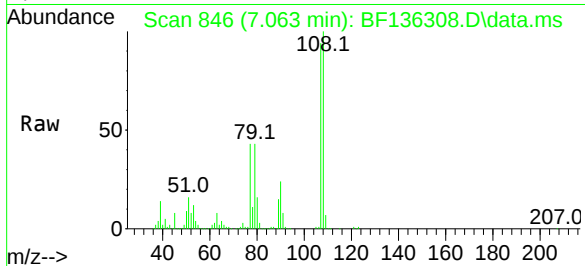
Tgt Ion: 45 Resp: 580038
Ion Ratio Lower Upper
45 100
77 14.6 0.0 34.0
79 11.0 0.0 30.1





#17
2-Methylphenol
Concen: 40.752 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

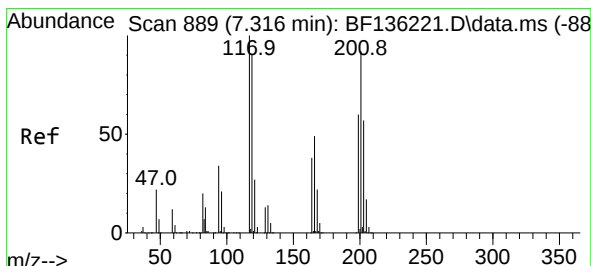
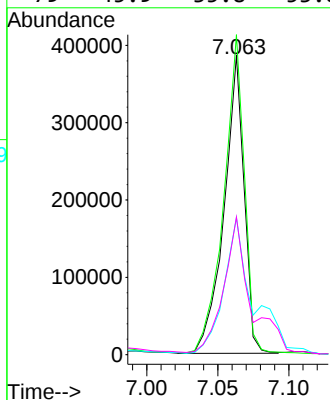
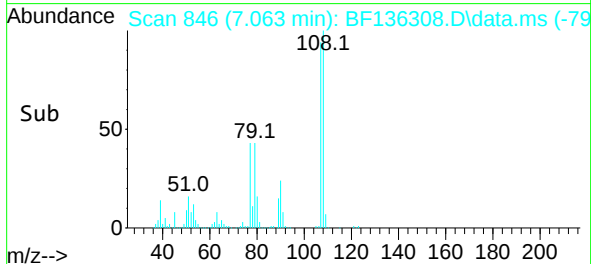
Instrument :
BNA_F
ClientSampleId :
PB157208BS



Tgt Ion:107 Resp: 377189
Ion Ratio Lower Upper
107 100
108 106.8 85.4 128.0
77 45.7 37.4 56.2
79 45.9 35.8 53.8

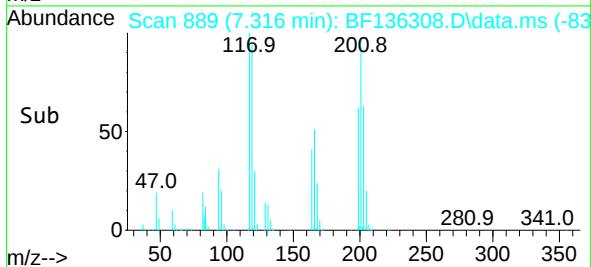
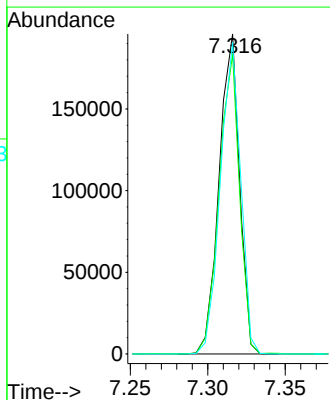
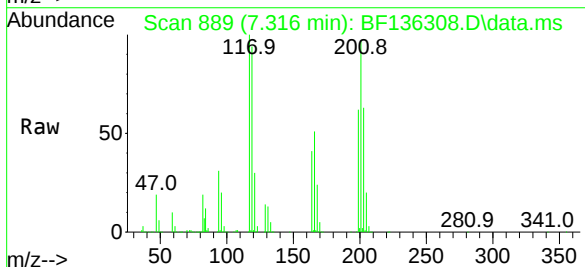
Manual Integrations
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Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#18
Hexachloroethane
Concen: 37.544 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

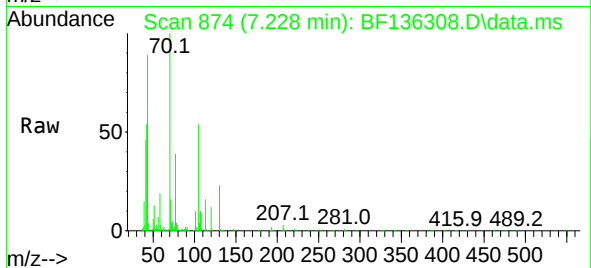
Tgt Ion:117 Resp: 178861
Ion Ratio Lower Upper
117 100
119 93.6 71.6 107.4
201 97.4 73.4 110.2





#19
n-Nitroso-di-n-propylamine
Concen: 40.573 ng
RT: 7.228 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

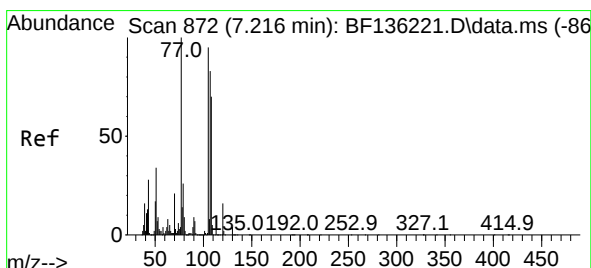
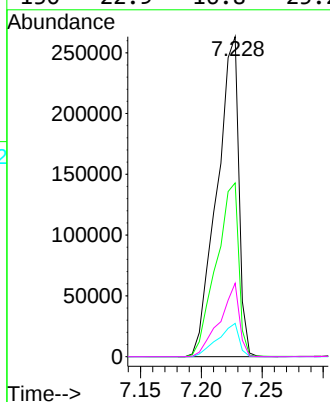
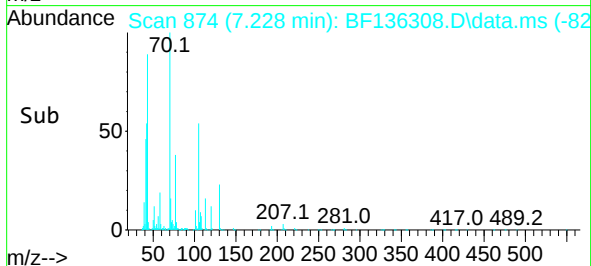
Instrument :
BNA_F
ClientSampleId :
PB157208BS



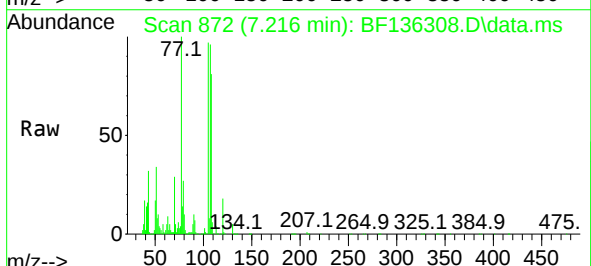
Tgt Ion: 70 Resp: 328064
Ion Ratio Lower Upper
70 100
42 54.3 47.0 70.4
101 10.4 7.8 11.8
130 22.9 16.8 25.2

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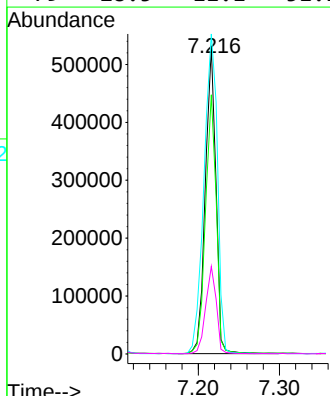
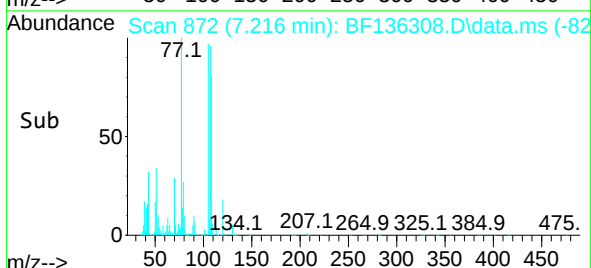
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

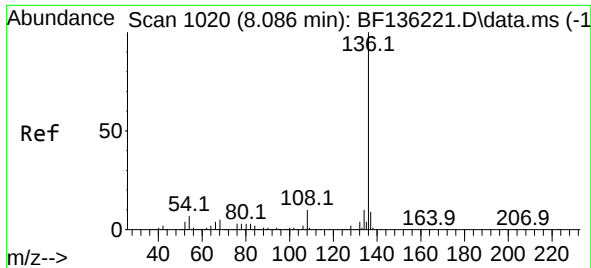


#20
3+4-Methylphenols
Concen: 39.777 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08



Tgt Ion:107 Resp: 478476
Ion Ratio Lower Upper
107 100
108 84.5 63.9 103.9
77 104.3 100.2 140.2
79 28.5 11.1 51.1





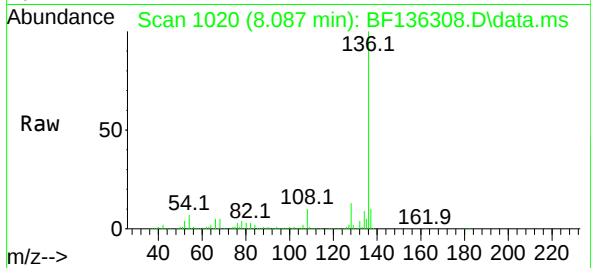
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157208BS

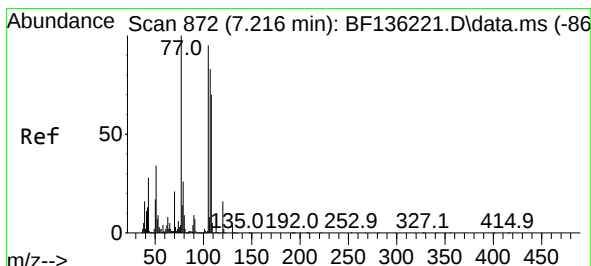
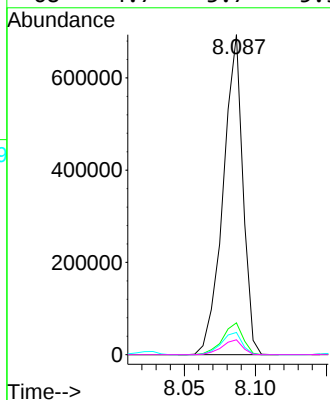
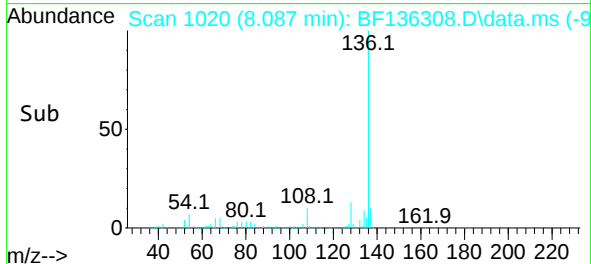


Tgt Ion:136 Resp: 670798
Ion Ratio Lower Upper
136 100
137 10.0 7.4 11.2
54 6.9 5.5 8.3
68 4.7 3.7 5.5

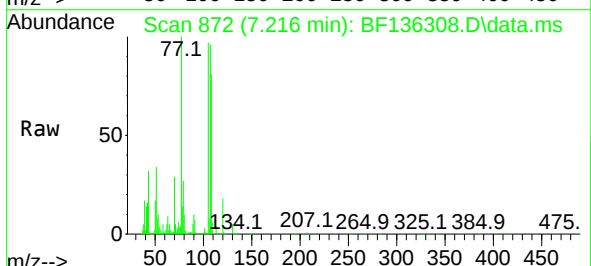
Manual Integrations

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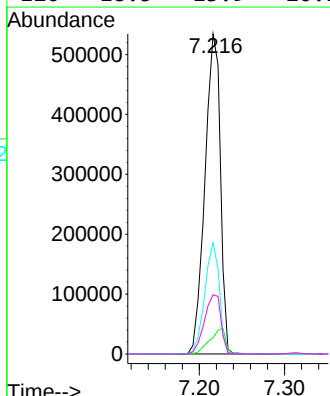
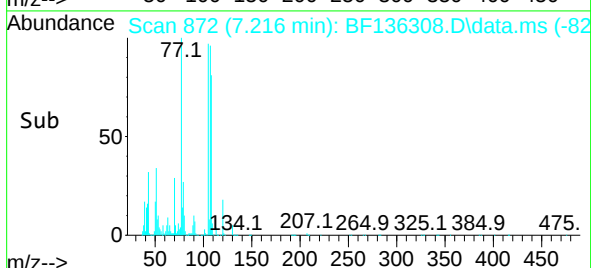
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

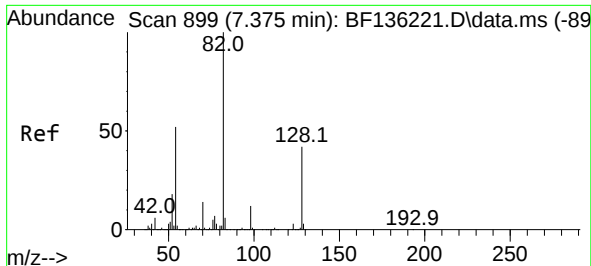


#22
Acetophenone
Concen: 38.148 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08



Tgt Ion:105 Resp: 672071
Ion Ratio Lower Upper
105 100
71 5.0 2.8 4.2#
51 34.7 29.0 43.6
120 18.5 13.9 20.9





#23

Nitrobenzene-d5

Concen: 73.056 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF136308.D

Acq: 30 Nov 2023 12:08

Instrument :

BNA_F

ClientSampleId :

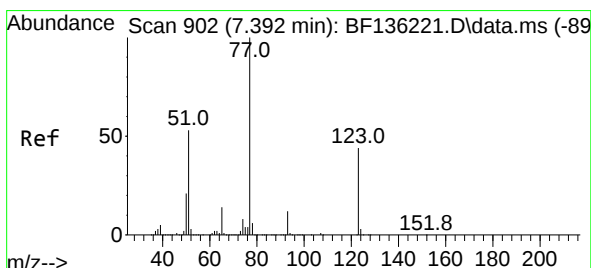
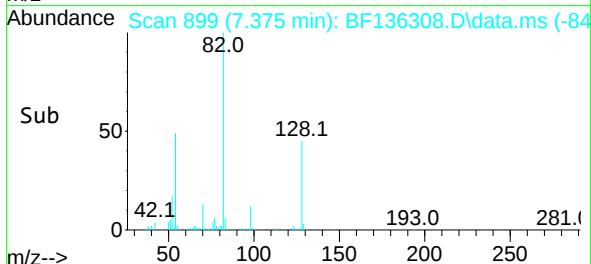
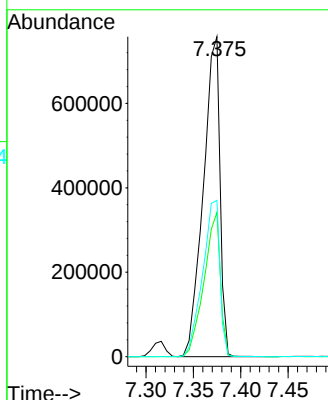
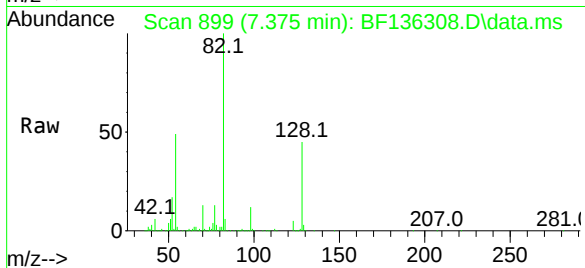
PB157208BS

Tgt Ion: 82 Resp: 92737

Ion	Ratio	Lower	Upper
82	100		
128	45.1	33.4	50.2
54	48.8	41.7	62.5

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



#24

Nitrobenzene

Concen: 37.019 ng

RT: 7.392 min Scan# 902

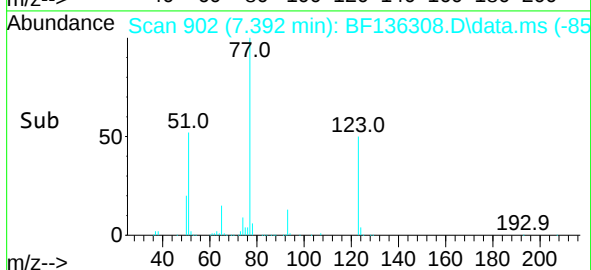
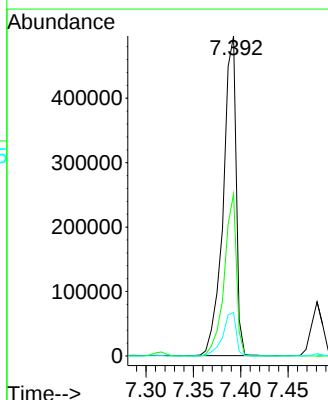
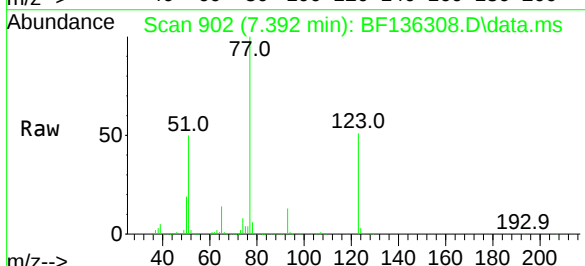
Delta R.T. 0.000 min

Lab File: BF136308.D

Acq: 30 Nov 2023 12:08

Tgt Ion: 77 Resp: 476217

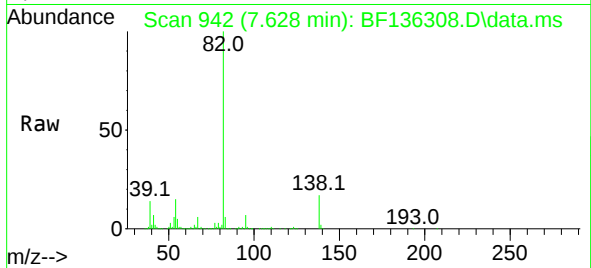
Ion	Ratio	Lower	Upper
77	100		
123	50.7	35.4	53.2
65	13.6	11.0	16.6





#25
Isophorone
Concen: 39.321 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

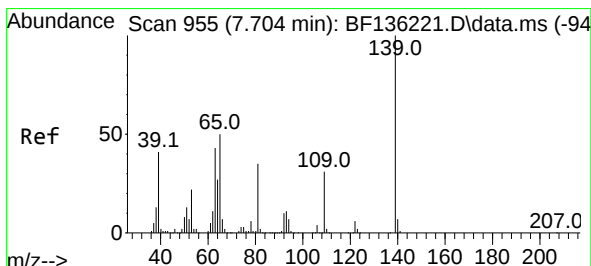
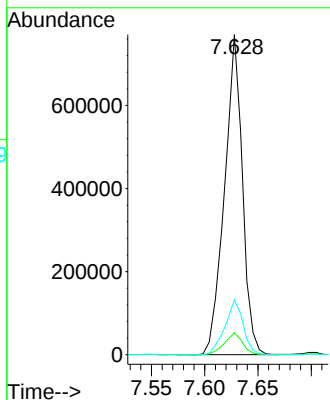
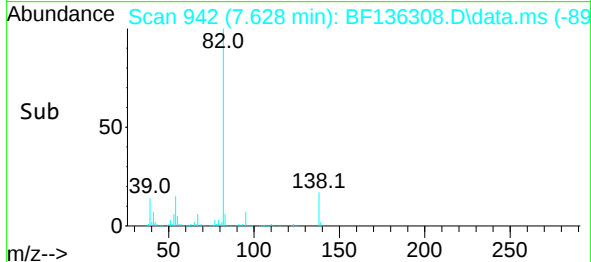
Instrument :
BNA_F
ClientSampleId :
PB157208BS



Tgt Ion: 82 Resp: 900038
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.1 12.8 19.2

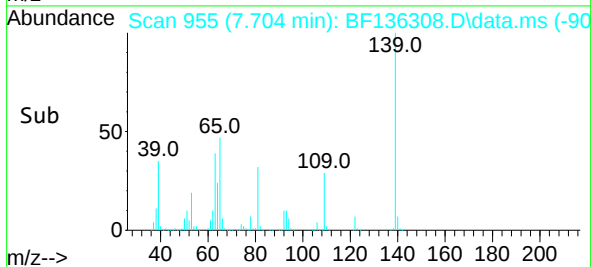
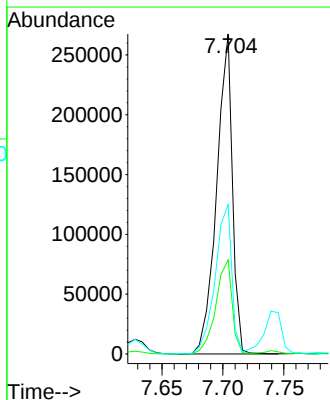
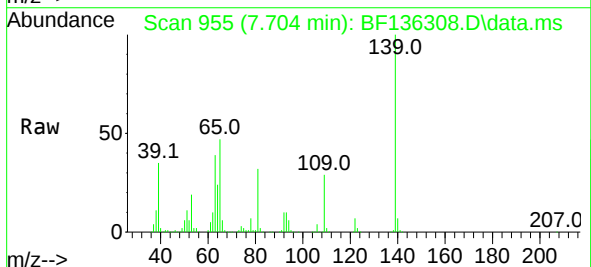
Manual Integrations
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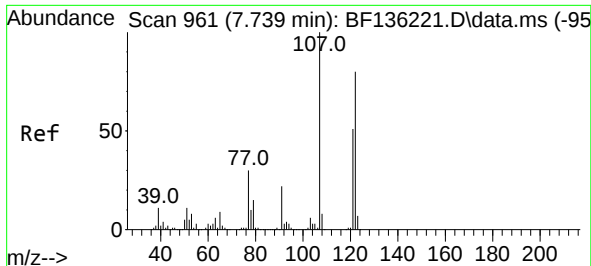
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#26
2-Nitrophenol
Concen: 44.023 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

Tgt Ion:139 Resp: 241291
Ion Ratio Lower Upper
139 100
109 29.4 25.0 37.6
65 46.7 40.4 60.6





#27

2,4-Dimethylphenol

Concen: 52.835 ng

RT: 7.745 min Scan# 961

Delta R.T. 0.006 min

Lab File: BF136308.D

Acq: 30 Nov 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157208BS

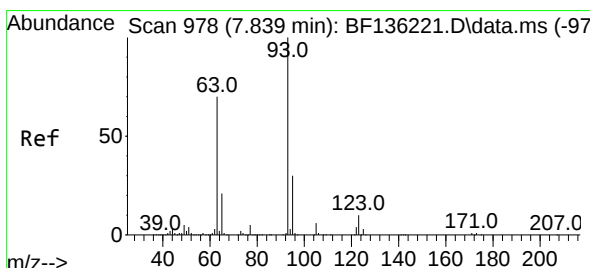
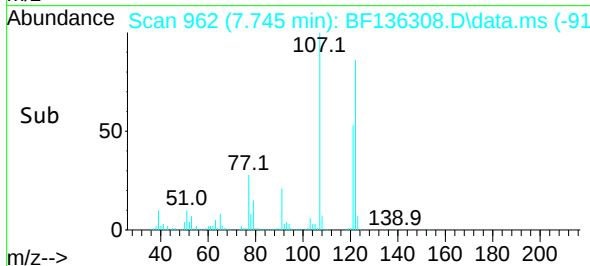
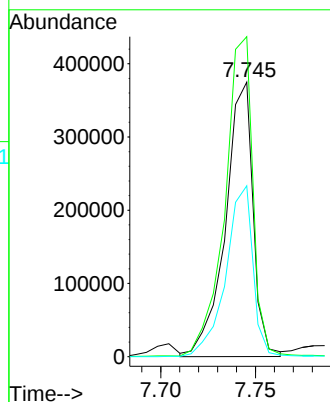
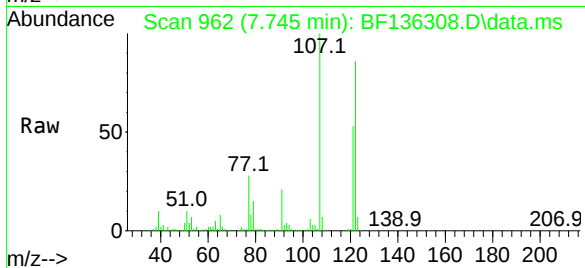
Tgt Ion:122 Resp: 38116
 Ion Ratio Lower Upper
 122 100
 107 116.6 100.0 150.0
 121 62.3 50.7 76.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#28

bis(2-Chloroethoxy)methane

Concen: 39.387 ng

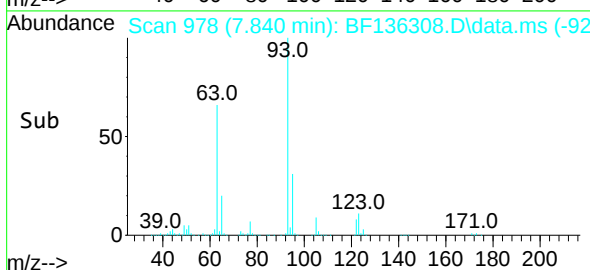
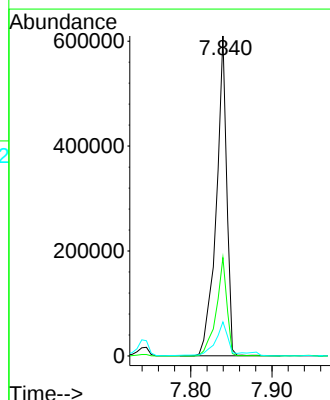
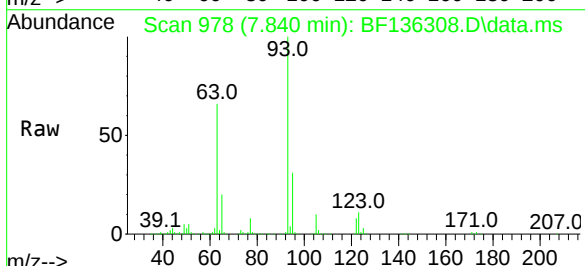
RT: 7.840 min Scan# 978

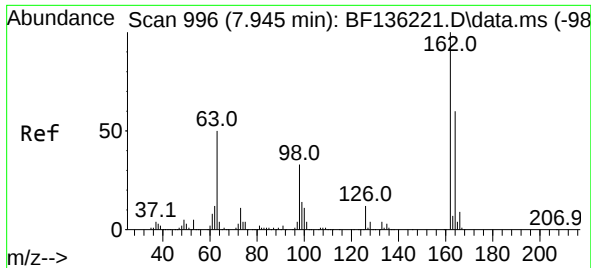
Delta R.T. 0.000 min

Lab File: BF136308.D

Acq: 30 Nov 2023 12:08

Tgt Ion: 93 Resp: 545318
 Ion Ratio Lower Upper
 93 100
 95 30.7 23.8 35.6
 123 10.7 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 41.321 ng

RT: 7.945 min Scan# 996

Delta R.T. 0.000 min

Lab File: BF136308.D

Acq: 30 Nov 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157208BS

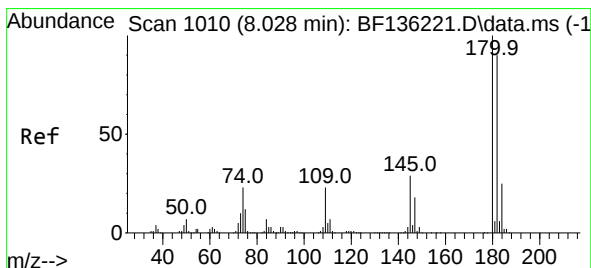
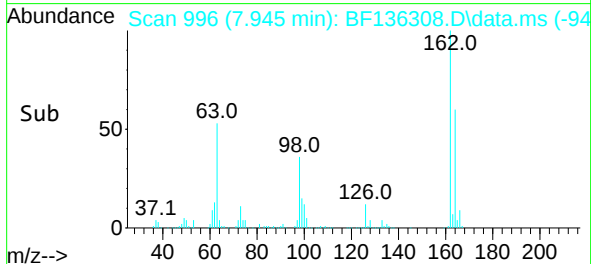
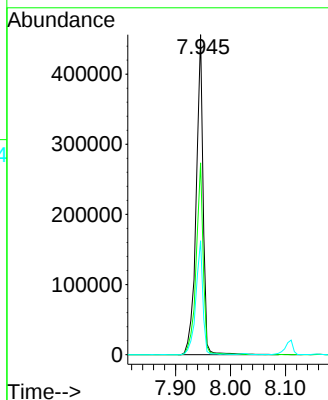
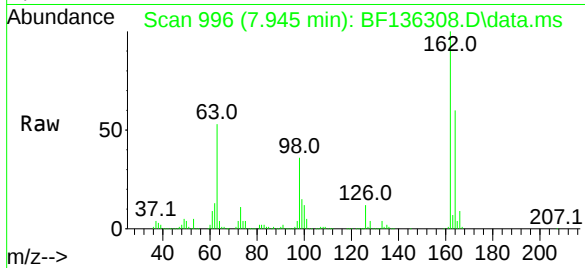
Tgt Ion:162 Resp: 402080
 Ion Ratio Lower Upper
 162 100
 164 60.0 40.3 80.3
 98 35.6 13.0 53.0

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Supervised By :mohammad ahmed 12/01/2023



#30

1,2,4-Trichlorobenzene

Concen: 37.809 ng

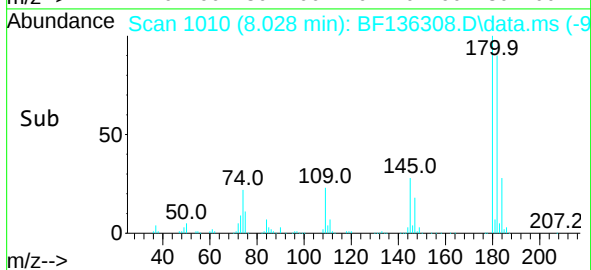
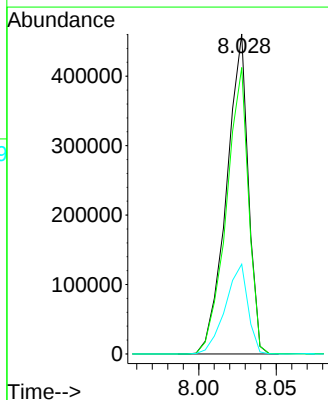
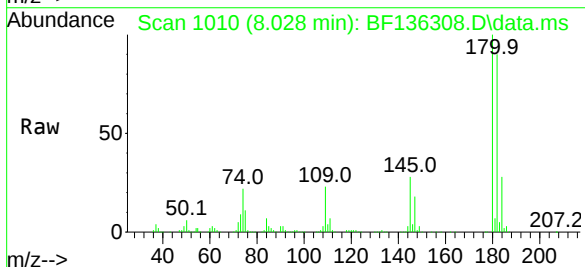
RT: 8.028 min Scan# 1010

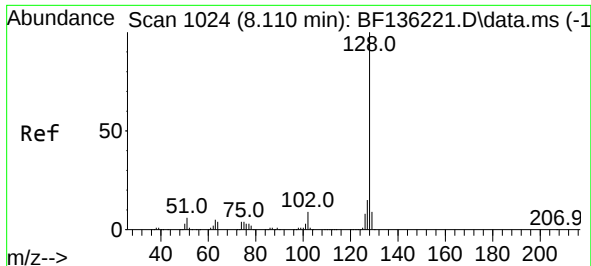
Delta R.T. 0.000 min

Lab File: BF136308.D

Acq: 30 Nov 2023 12:08

Tgt Ion:180 Resp: 450443
 Ion Ratio Lower Upper
 180 100
 182 89.5 71.6 107.4
 145 28.1 23.0 34.4





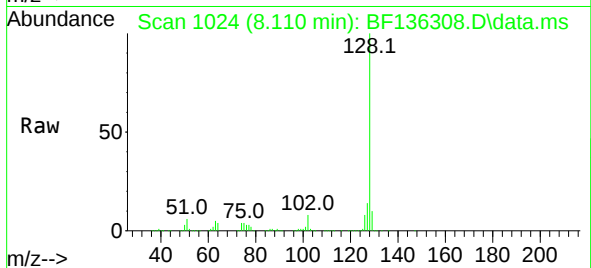
#31
Naphthalene
Concen: 38.223 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157208BS



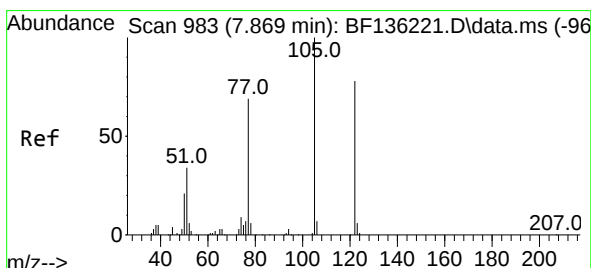
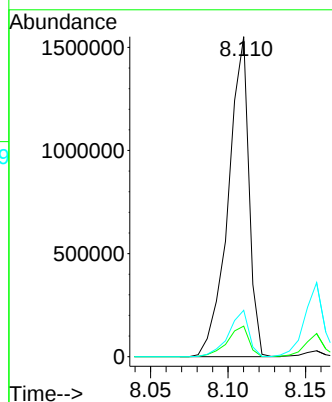
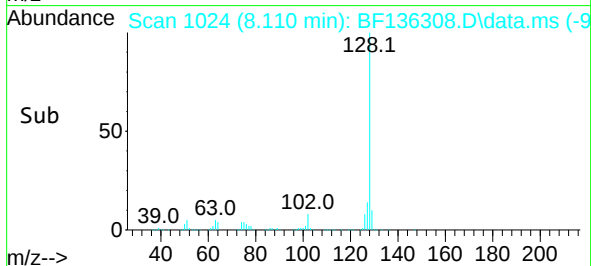
Tgt Ion:128 Resp: 1441164
Ion Ratio Lower Upper
128 100
129 9.6 7.3 10.9
127 14.5 11.8 17.6

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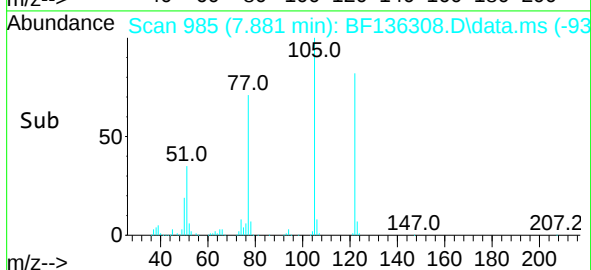
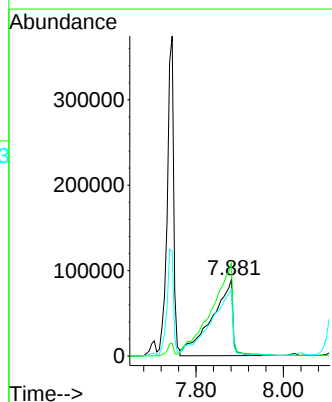
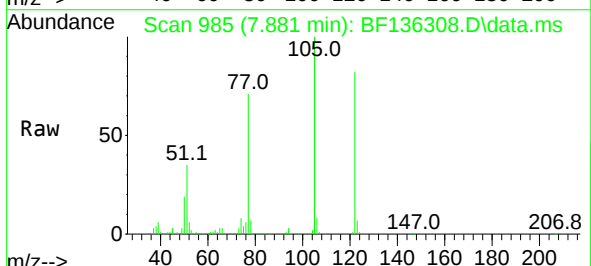
Reviewed By :Yogesh Patel 12/01/2023

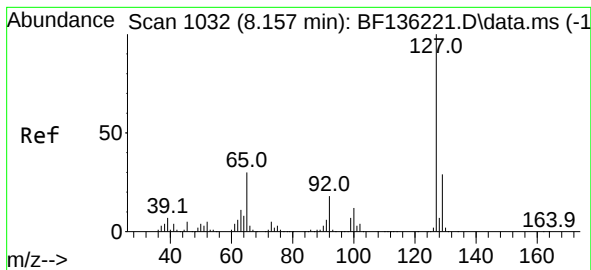
Supervised By :mohammad ahmed 12/01/2023



#32
Benzoic acid
Concen: 45.421 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.012 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

Tgt Ion:122 Resp: 298636
Ion Ratio Lower Upper
122 100
105 121.5 103.7 143.7
77 86.7 66.8 106.8





#33
4-Chloroaniline
Concen: 24.341 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

Instrument :

BNA_F

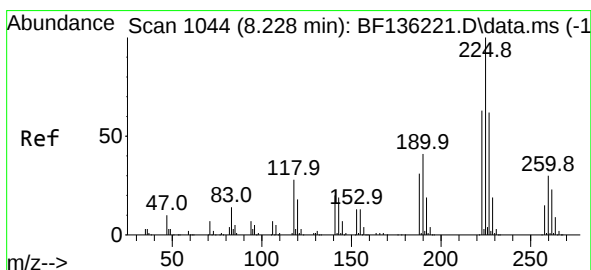
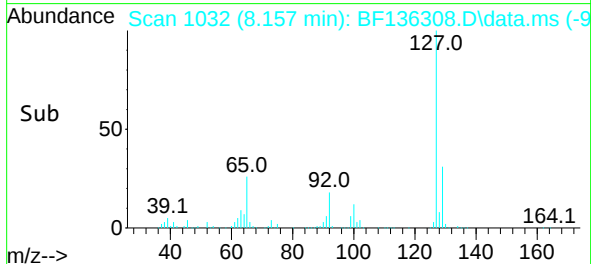
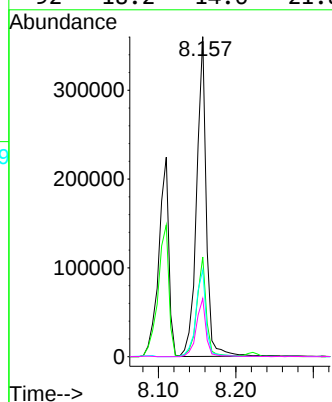
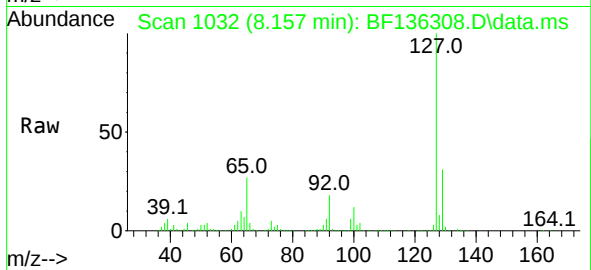
ClientSampleId :

PB157208BS

Tgt Ion:127 Resp: 311954
Ion Ratio Lower Upper
127 100
129 31.1 23.4 35.2
65 27.1 23.8 35.6
92 18.2 14.6 21.8

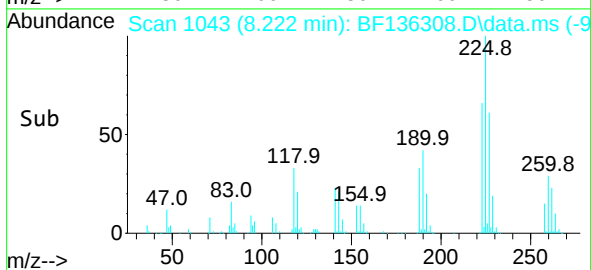
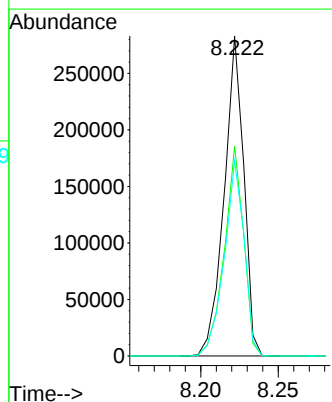
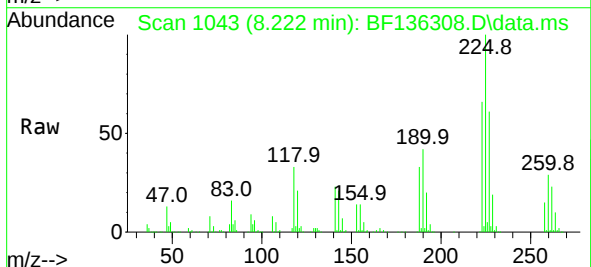
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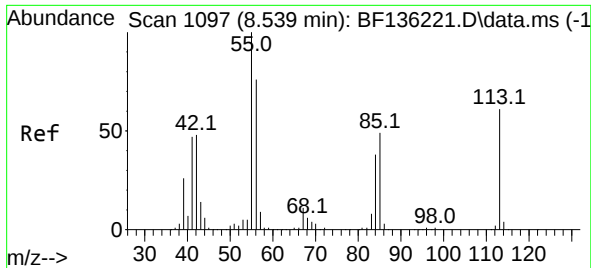
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#34
Hexachlorobutadiene
Concen: 35.697 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

Tgt Ion:225 Resp: 248804
Ion Ratio Lower Upper
225 100
223 65.6 50.6 75.8
227 61.1 49.6 74.4





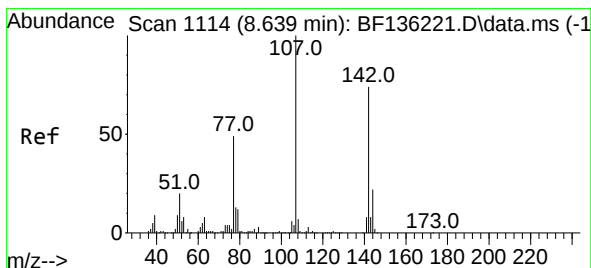
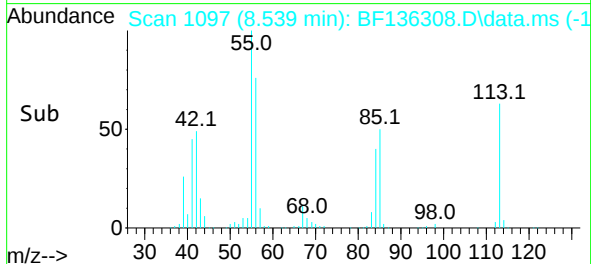
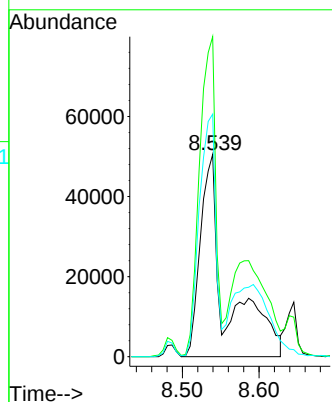
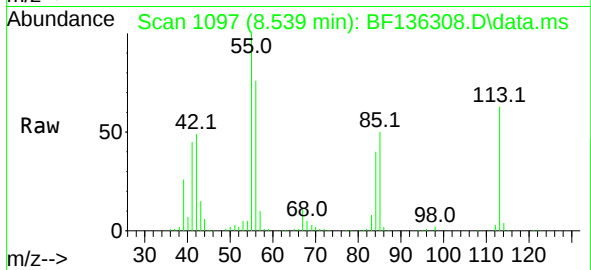
#35
Caprolactam
Concen: 43.488 ng m
RT: 8.539 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

Instrument :
BNA_F
ClientSampleId :
PB157208BS

Tgt Ion:113 Resp: 118298
Ion Ratio Lower Upper
113 100
55 158.2 143.1 183.1
56 119.9 103.6 143.6

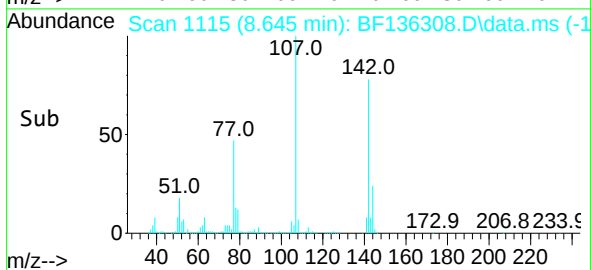
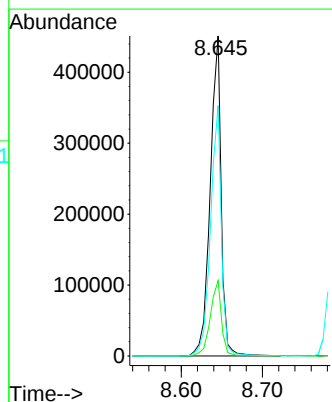
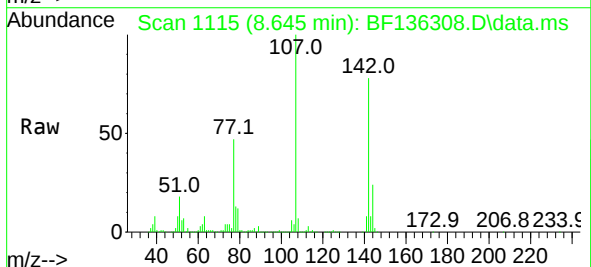
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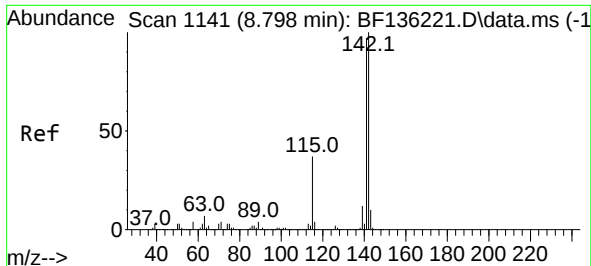
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#36
4-Chloro-3-methylphenol
Concen: 40.047 ng
RT: 8.645 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

Tgt Ion:107 Resp: 422643
Ion Ratio Lower Upper
107 100
144 23.5 17.8 26.8
142 78.2 59.4 89.0





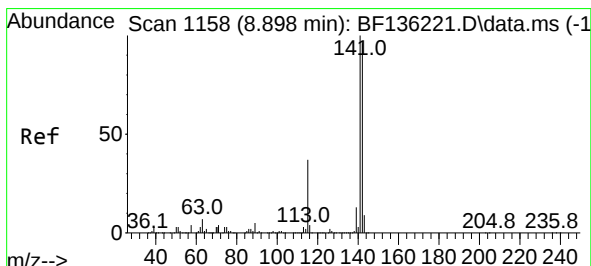
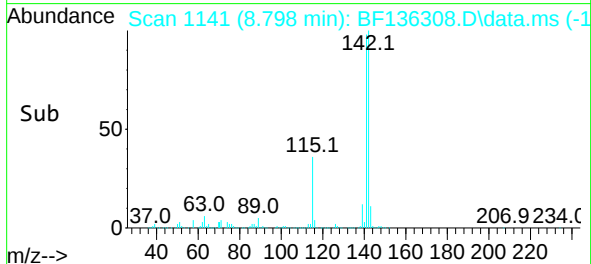
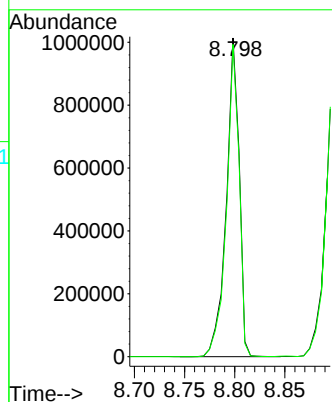
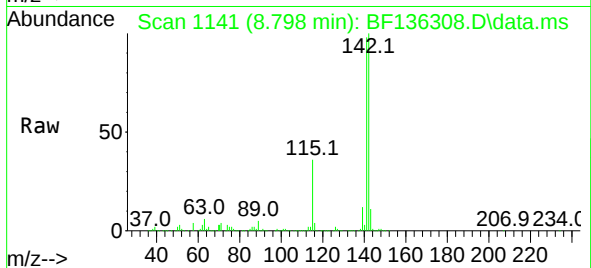
#37
2-Methylnaphthalene
Concen: 38.250 ng
RT: 8.798 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

Instrument :
BNA_F
ClientSampleId :
PB157208BS

Tgt Ion:142 Resp: 90466
Ion Ratio Lower Upper
142 100
141 98.0 77.8 116.8

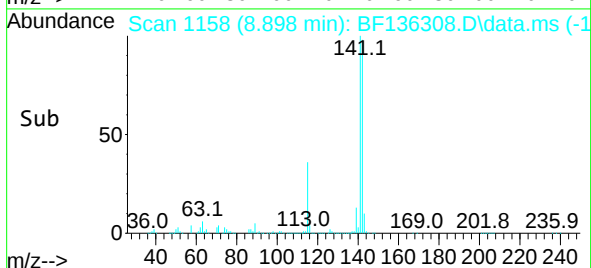
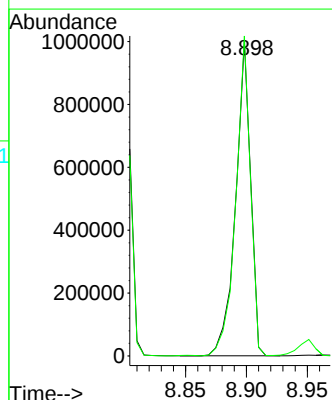
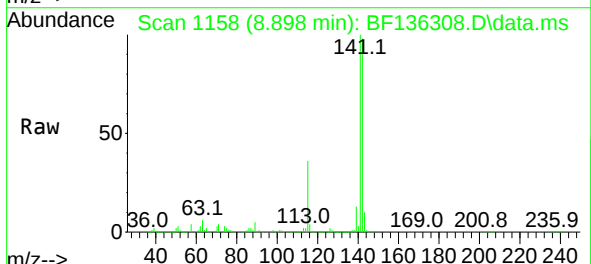
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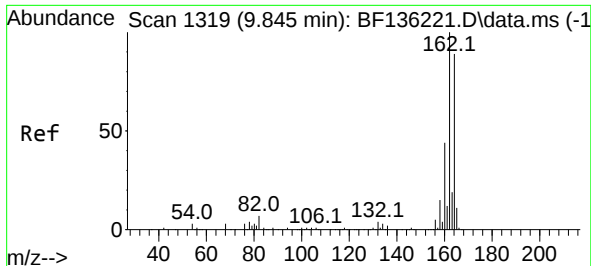
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#38
1-Methylnaphthalene
Concen: 37.240 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

Tgt Ion:142 Resp: 859209
Ion Ratio Lower Upper
142 100
141 101.7 83.8 125.6





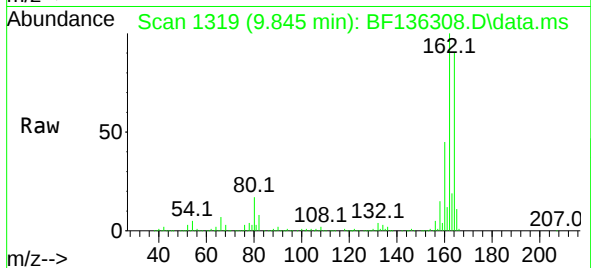
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157208BS



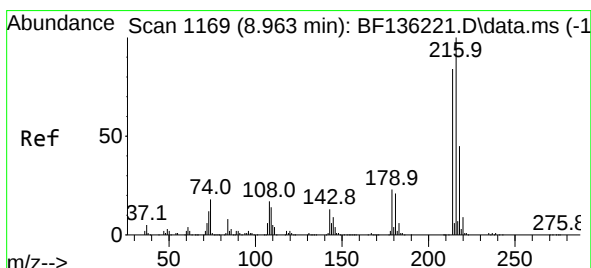
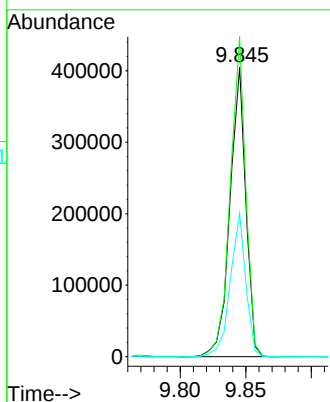
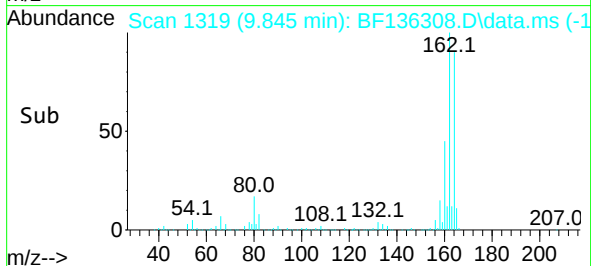
Tgt Ion:164 Resp: 341874
Ion Ratio Lower Upper
164 100
162 110.5 89.5 134.3
160 49.5 39.6 59.4

Manual Integrations

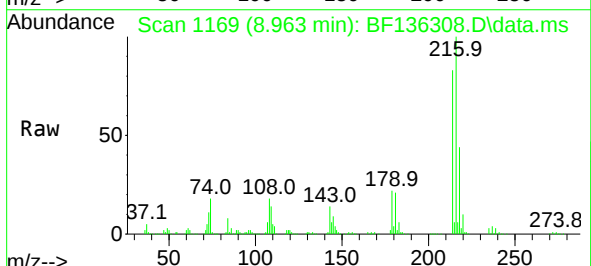
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Reviewed By :Yogesh Patel 12/01/2023

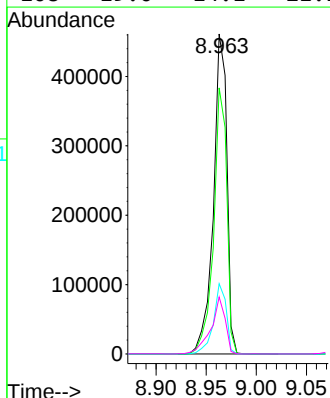
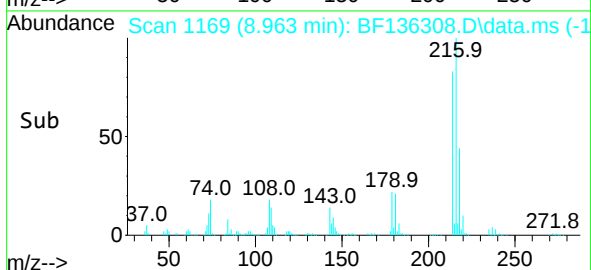
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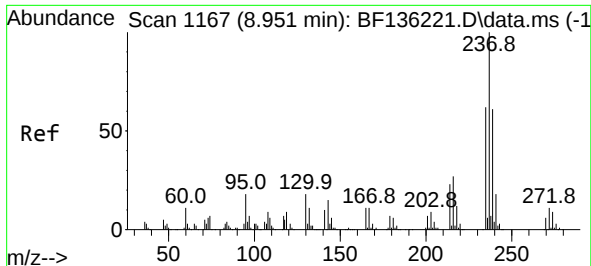


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.498 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08



Tgt Ion:216 Resp: 429745
Ion Ratio Lower Upper
216 100
214 81.1 65.8 98.8
179 20.9 17.4 26.0
108 19.0 14.1 21.1





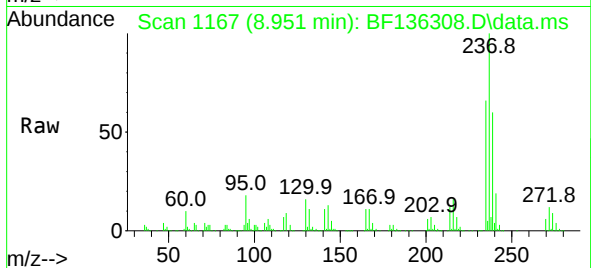
#41
Hexachlorocyclopentadiene
Concen: 103.204 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157208BS

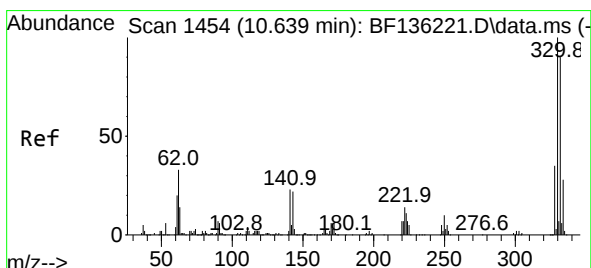
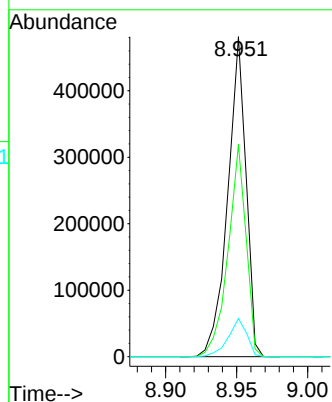
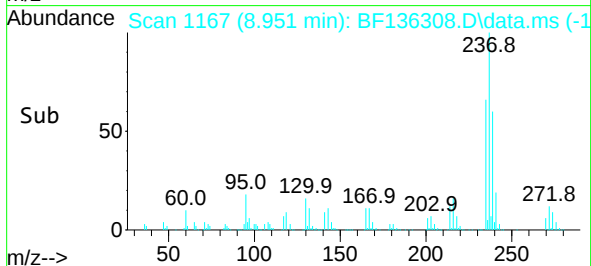


Tgt Ion:237 Resp: 43206
Ion Ratio Lower Upper
237 100
235 66.3 42.1 82.1
272 11.9 0.0 31.0

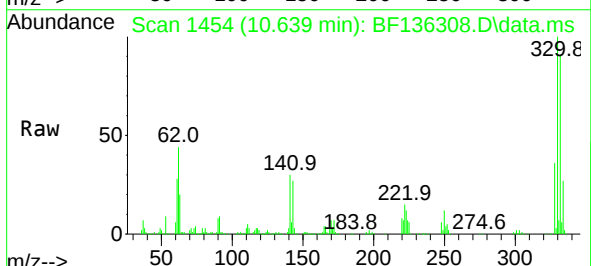
Manual Integrations

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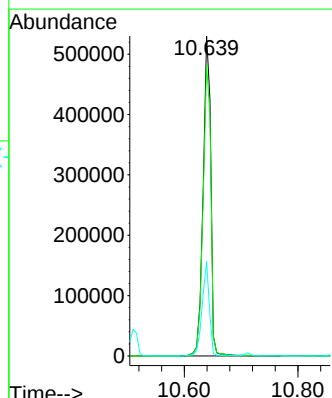
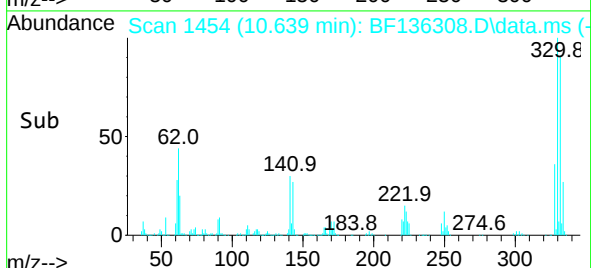
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

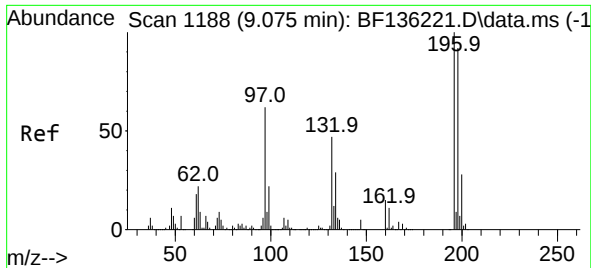


#42
2,4,6-Tribromophenol
Concen: 118.473 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08



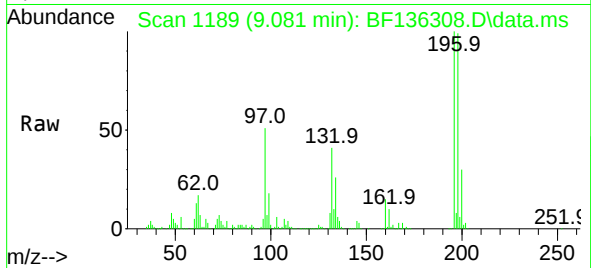
Tgt Ion:330 Resp: 495182
Ion Ratio Lower Upper
330 100
332 92.9 73.0 109.6
141 28.0 24.2 36.2





#43
2,4,6-Trichlorophenol
Concen: 41.181 ng
RT: 9.081 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

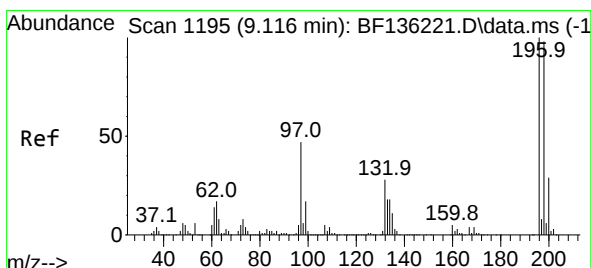
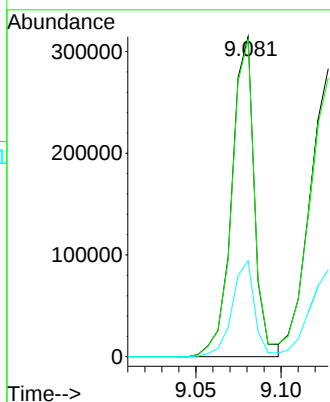
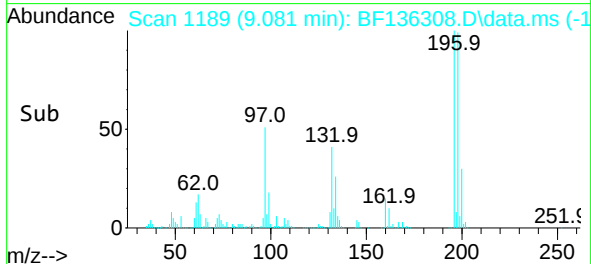
Instrument :
BNA_F
ClientSampleId :
PB157208BS



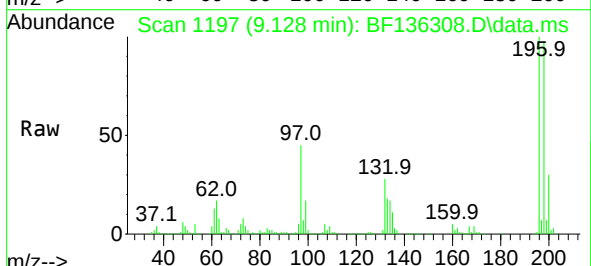
Tgt Ion:196 Resp: 290820
Ion Ratio Lower Upper
196 100
198 99.1 73.2 109.8
200 30.0 22.4 33.6

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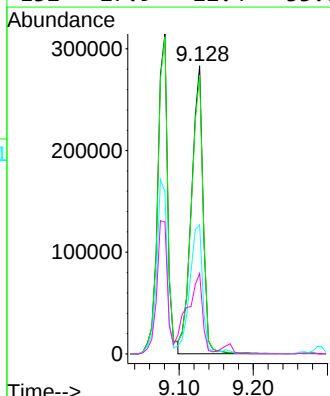
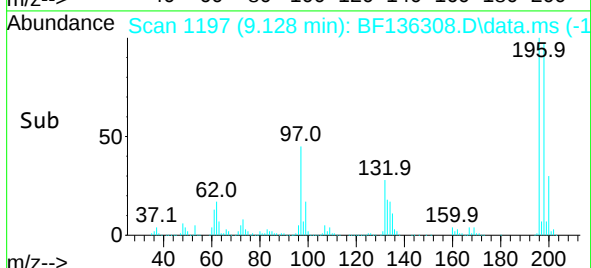
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

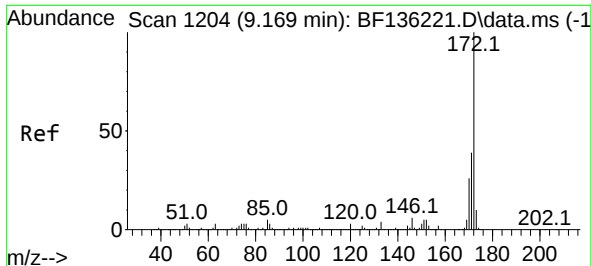


#44
2,4,5-Trichlorophenol
Concen: 39.950 ng
RT: 9.128 min Scan# 1197
Delta R.T. 0.012 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08



Tgt Ion:196 Resp: 307886
Ion Ratio Lower Upper
196 100
198 96.7 78.8 118.2
97 44.8 37.8 56.8
132 27.9 22.4 33.6





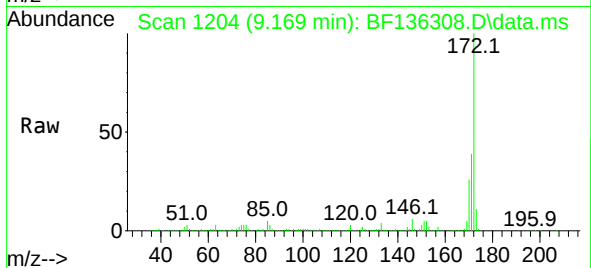
#45
2-Fluorobiphenyl
Concen: 72.855 ng
RT: 9.169 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

Instrument :

BNA_F

ClientSampleId :

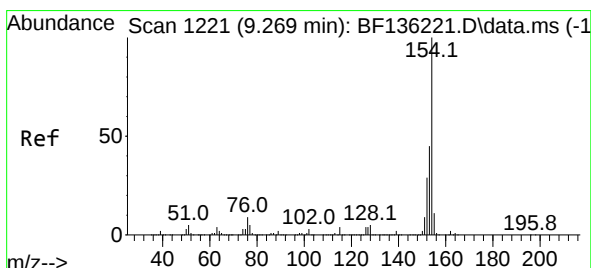
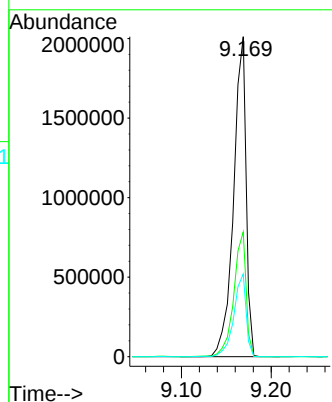
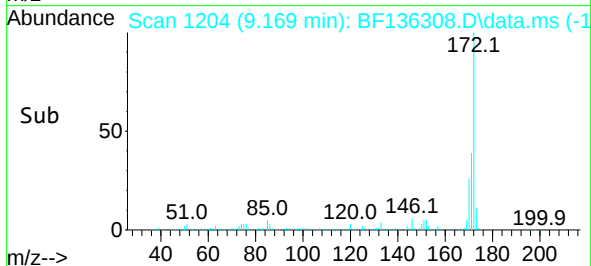
PB157208BS



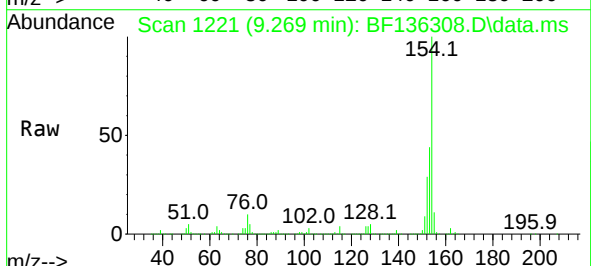
Tgt Ion:172 Resp: 194998
Ion Ratio Lower Upper
172 100
171 39.0 31.5 47.3
170 25.8 20.8 31.2

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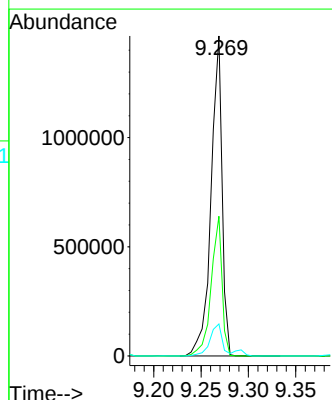
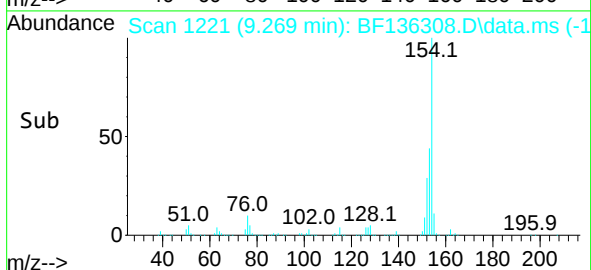
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

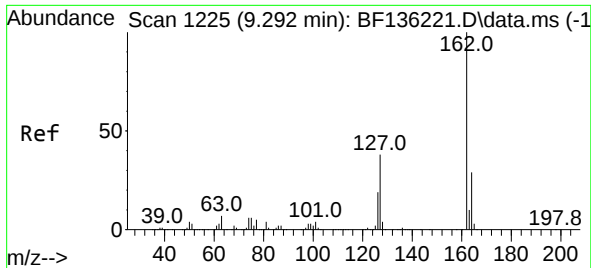


#46
1,1'-Biphenyl
Concen: 39.190 ng
RT: 9.269 min Scan# 1221
Delta R.T. 0.000 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08



Tgt Ion:154 Resp: 1181504
Ion Ratio Lower Upper
154 100
153 43.6 24.6 64.6
76 10.0 0.0 29.4





#47

2-Chloronaphthalene

Concen: 38.291 ng

RT: 9.292 min Scan# 1225

Delta R.T. 0.000 min

Lab File: BF136308.D

Acq: 30 Nov 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157208BS

Tgt Ion:162 Resp: 896490

Ion Ratio Lower Upper

162 100

127 37.1 30.2 45.2

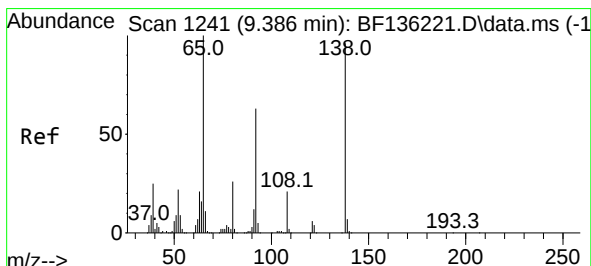
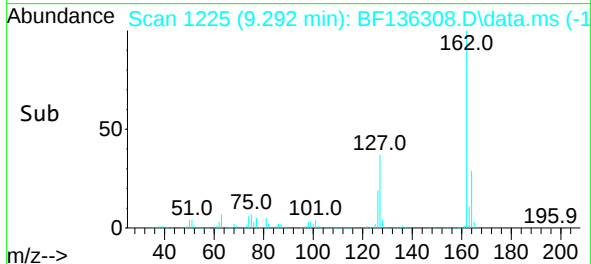
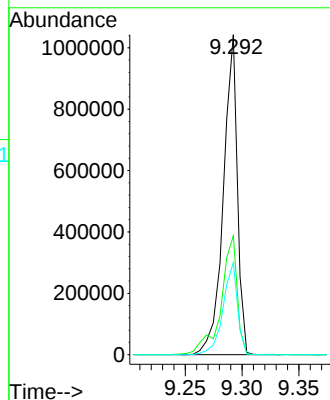
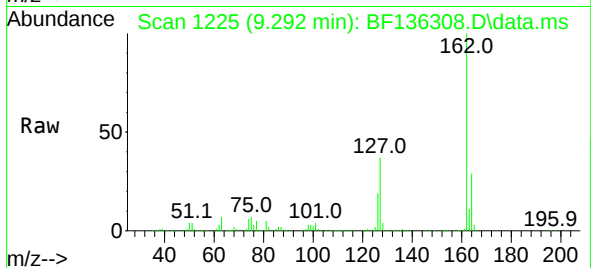
164 28.8 22.8 34.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#48

2-Nitroaniline

Concen: 42.322 ng

RT: 9.386 min Scan# 1241

Delta R.T. 0.000 min

Lab File: BF136308.D

Acq: 30 Nov 2023 12:08

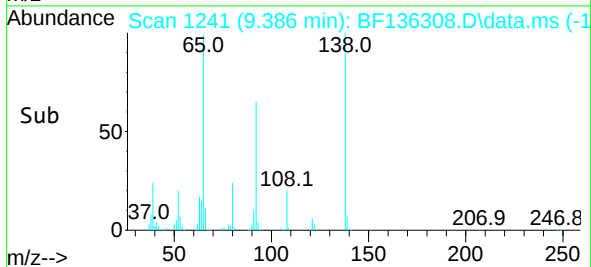
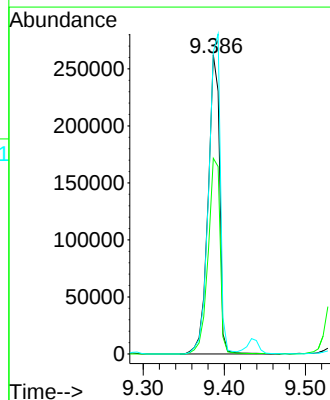
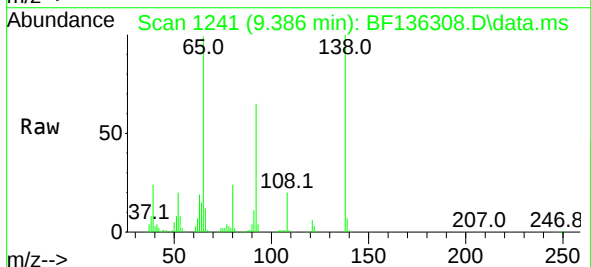
Tgt Ion: 65 Resp: 258702

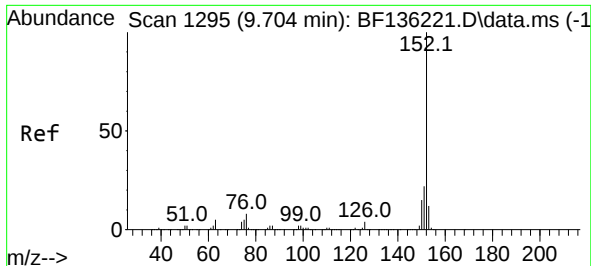
Ion Ratio Lower Upper

65 100

92 65.4 50.6 75.8

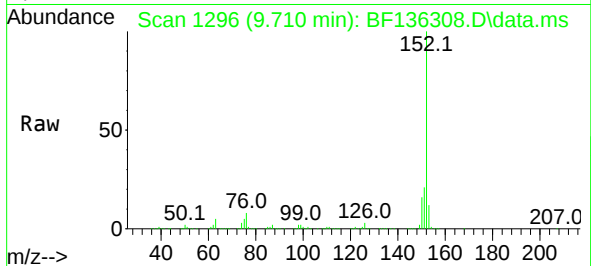
138 100.9 76.7 115.1





#49
Acenaphthylene
Concen: 41.867 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.006 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

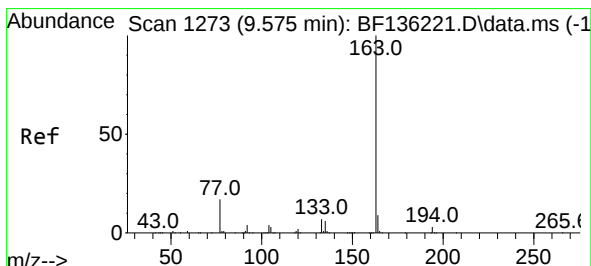
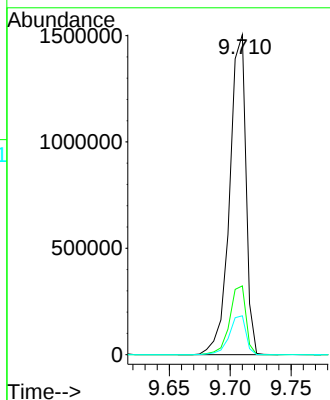
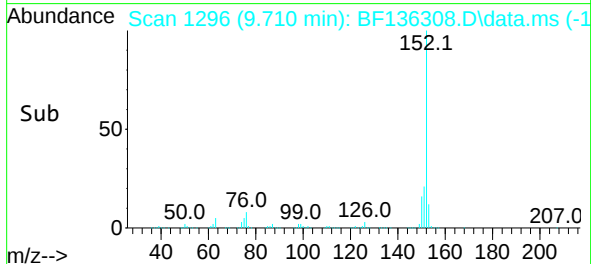
Instrument :
BNA_F
ClientSampleId :
PB157208BS



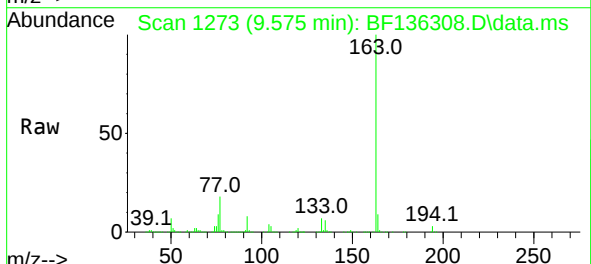
Tgt Ion:152 Resp: 1398834
Ion Ratio Lower Upper
152 100
151 21.5 17.5 26.3
153 12.1 9.6 14.4

Manual Integrations
APPROVED

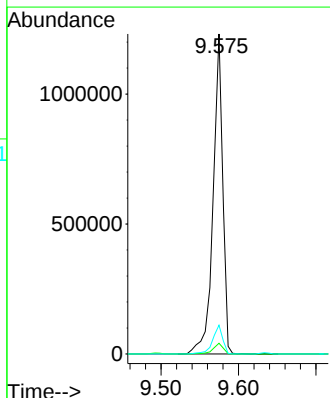
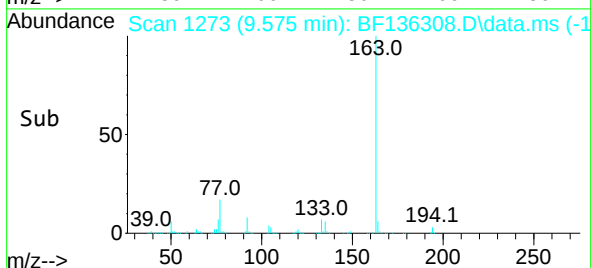
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

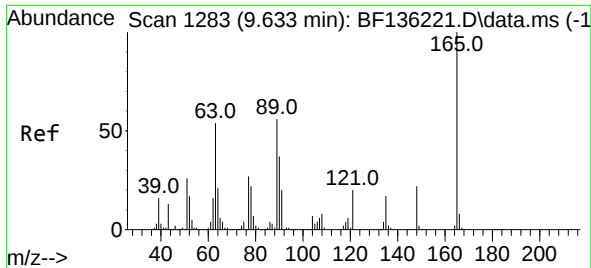


#50
Dimethylphthalate
Concen: 41.089 ng
RT: 9.575 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08



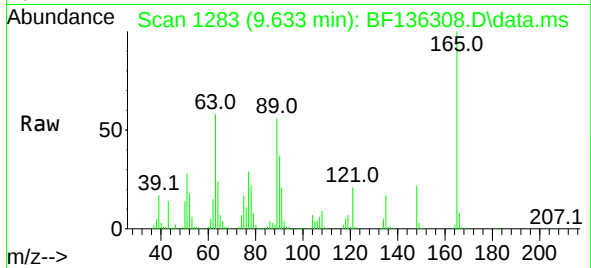
Tgt Ion:163 Resp: 1061706
Ion Ratio Lower Upper
163 100
194 3.3 2.5 3.7
164 9.0 7.0 10.6





#51
2,6-Dinitrotoluene
Concen: 41.003 ng
RT: 9.633 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

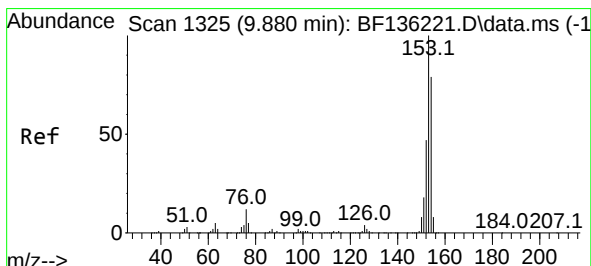
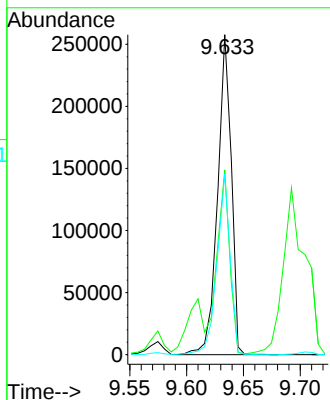
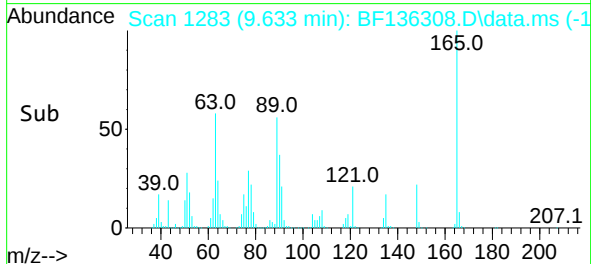
Instrument :
BNA_F
ClientSampleId :
PB157208BS



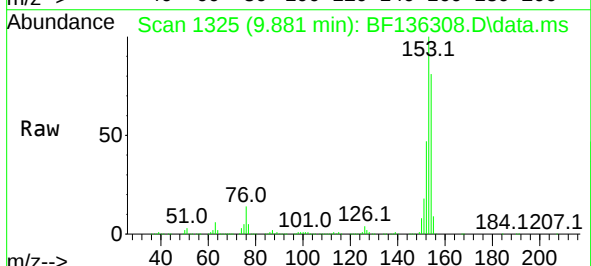
Tgt Ion:165 Resp: 216448
Ion Ratio Lower Upper
165 100
63 57.7 46.2 69.2
89 56.4 44.9 67.3

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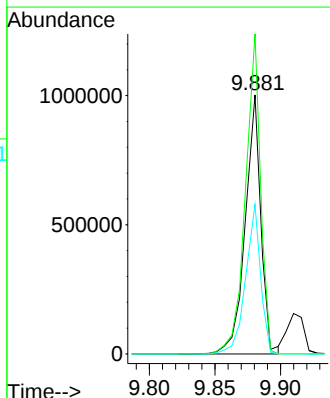
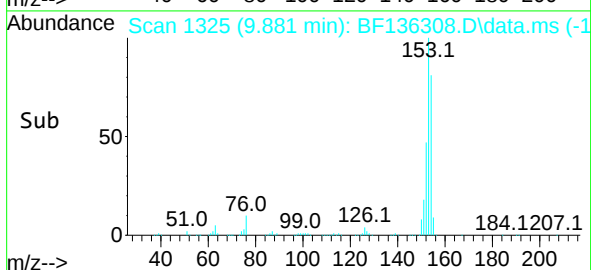
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

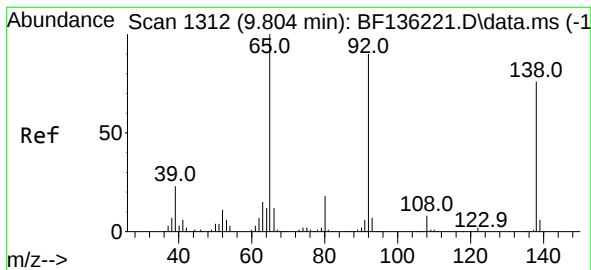


#52
Acenaphthene
Concen: 39.541 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08



Tgt Ion:154 Resp: 834880
Ion Ratio Lower Upper
154 100
153 123.5 100.8 151.2
152 57.7 47.0 70.6





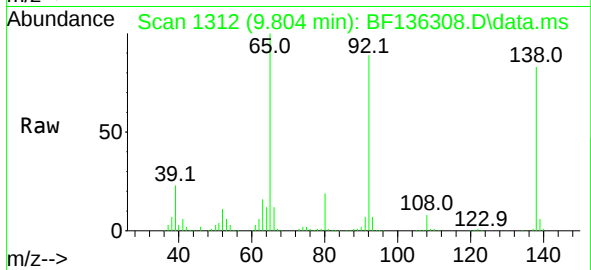
#53
3-Nitroaniline
Concen: 33.530 ng
RT: 9.804 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

Instrument :

BNA_F

ClientSampleId :

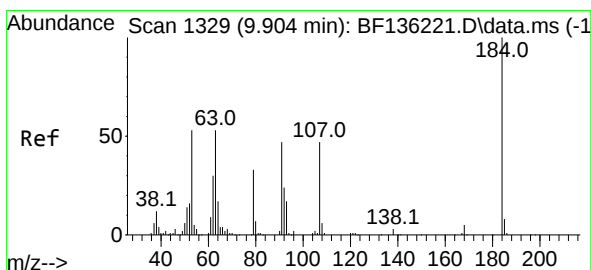
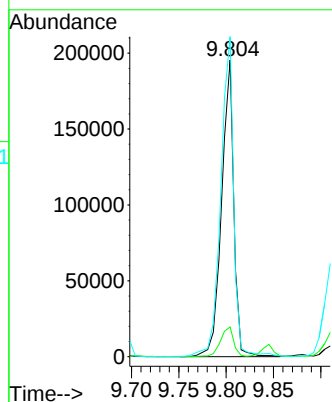
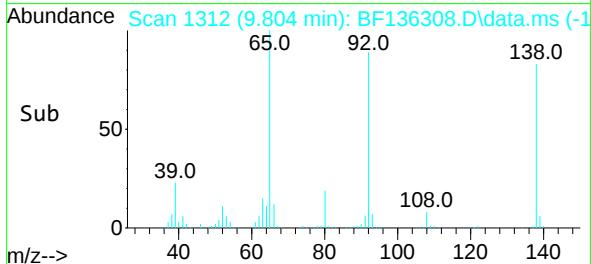
PB157208BS



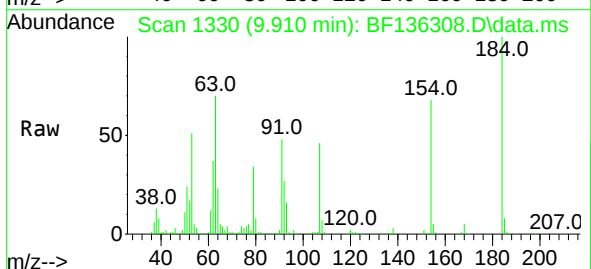
Tgt Ion:138 Resp: 17562
Ion Ratio Lower Upper
138 100
108 10.0 8.7 13.1
92 107.9 94.2 141.4

Manual Integrations
APPROVED

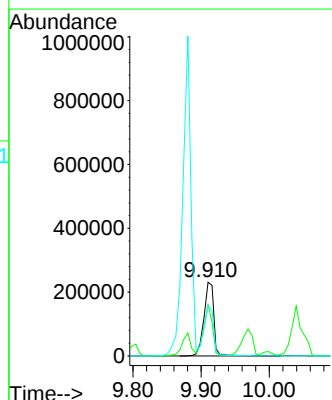
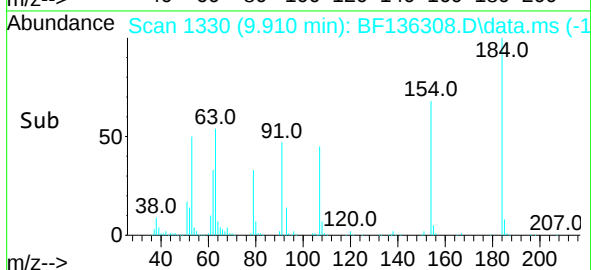
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

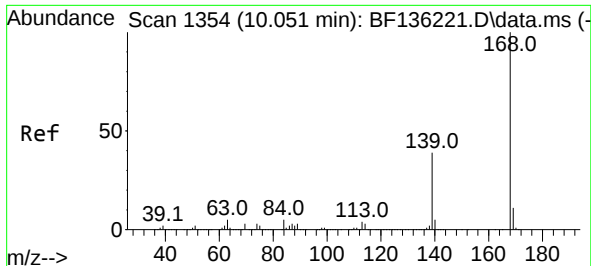


#54
2,4-Dinitrophenol
Concen: 95.159 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08



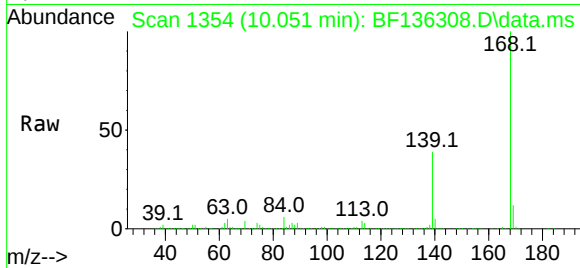
Tgt Ion:184 Resp: 233625
Ion Ratio Lower Upper
184 100
63 69.5 55.0 82.4
154 67.9 54.9 82.3





#55
Dibenzenofuran
Concen: 39.995 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

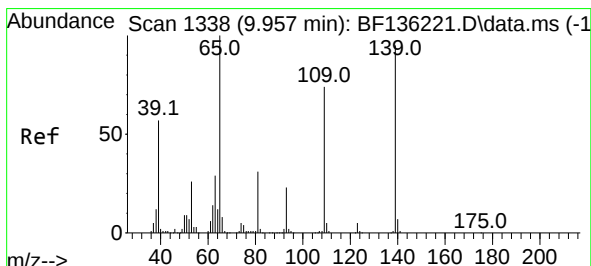
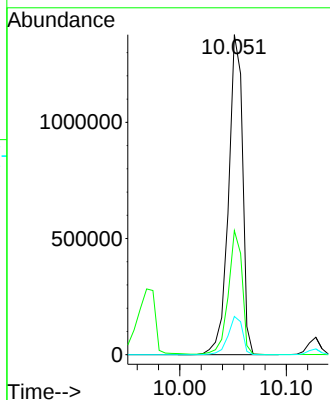
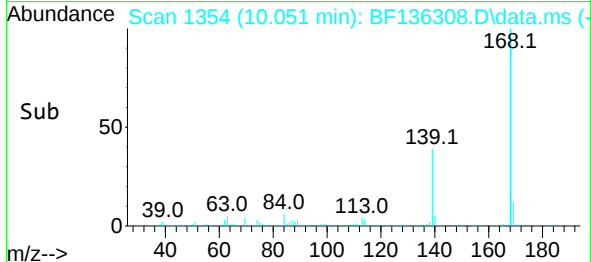
Instrument :
BNA_F
ClientSampleId :
PB157208BS



Tgt Ion:168 Resp: 125658
Ion Ratio Lower Upper
168 100
139 38.7 30.9 46.3
169 12.0 9.1 13.7

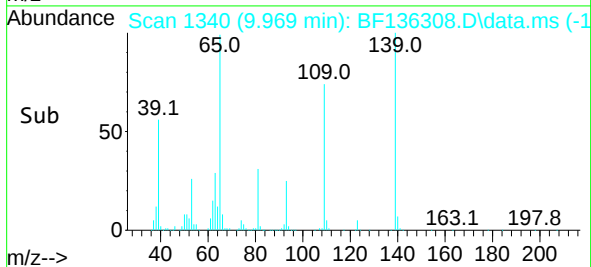
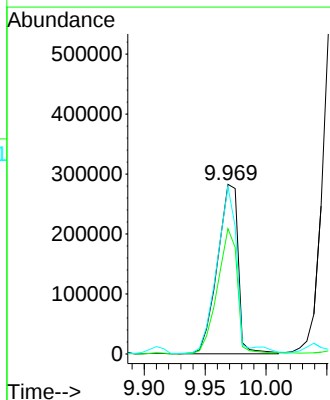
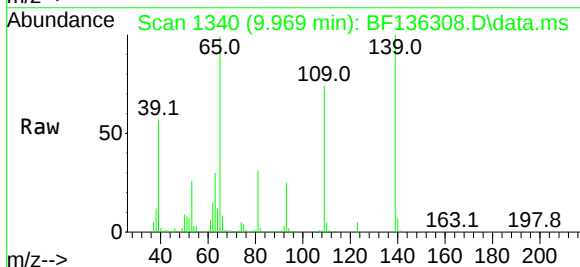
Manual Integrations
APPROVED

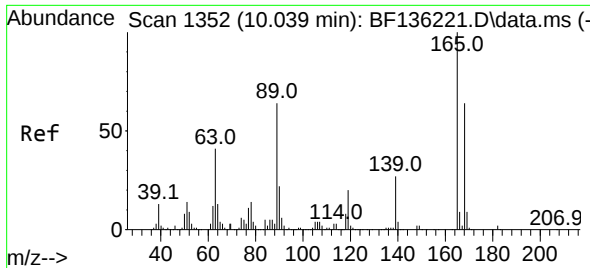
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#56
4-Nitrophenol
Concen: 84.419 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

Tgt Ion:139 Resp: 335831
Ion Ratio Lower Upper
139 100
109 73.9 57.8 97.8
65 98.7 86.0 126.0





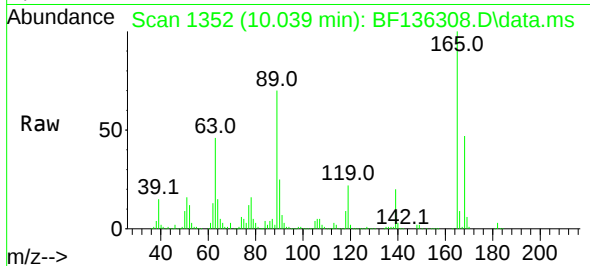
#57
2,4-Dinitrotoluene
Concen: 41.306 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157208BS

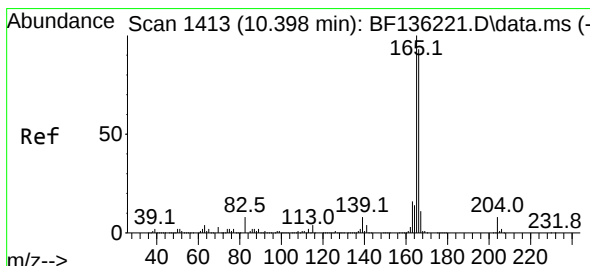
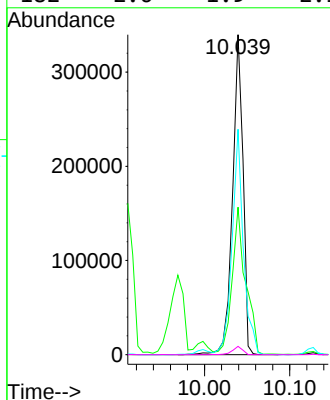
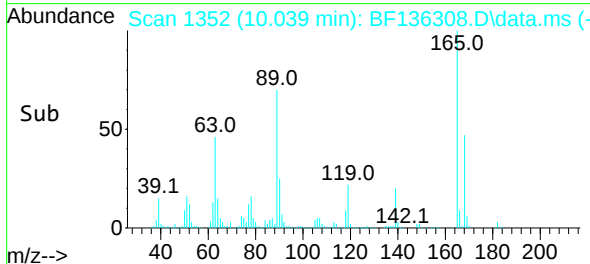


Tgt Ion:165 Resp: 29126
Ion Ratio Lower Upper
165 100
63 46.1 33.0 49.4
89 70.4 51.5 77.3
182 2.6 1.9 2.9

Manual Integrations

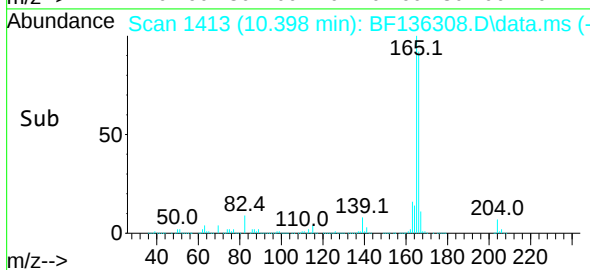
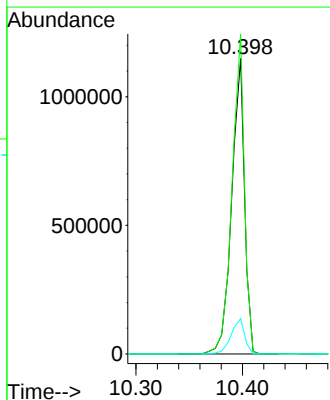
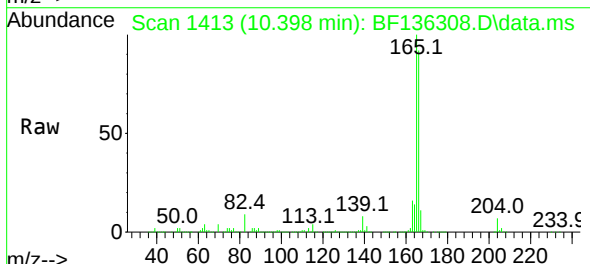
APPROVED

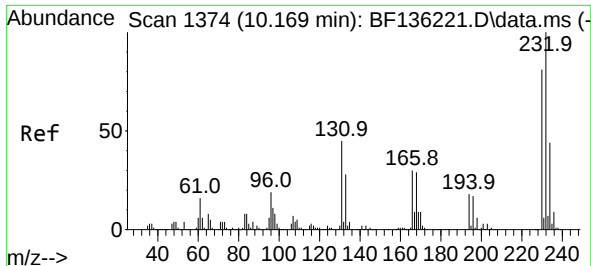
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#58
Fluorene
Concen: 39.203 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

Tgt Ion:166 Resp: 966138
Ion Ratio Lower Upper
166 100
165 108.3 86.2 129.4
167 12.0 9.1 13.7





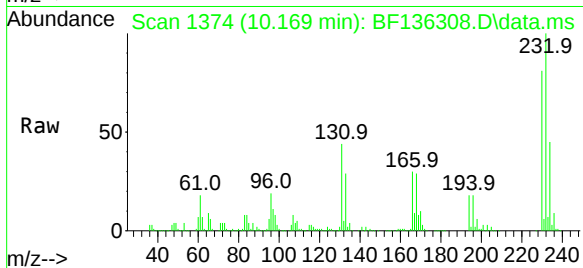
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.258 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157208BS

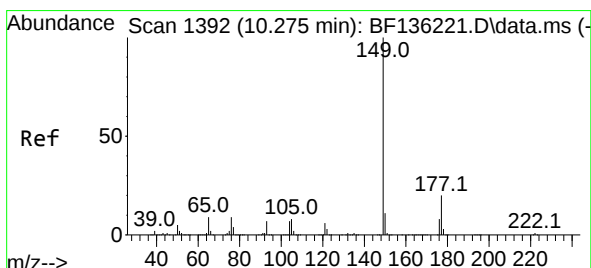
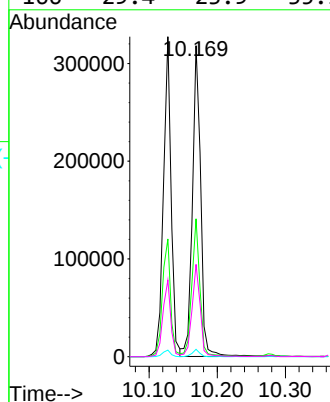
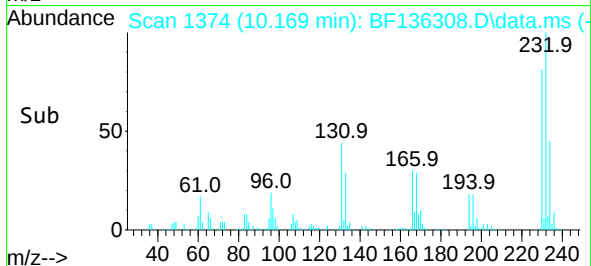


Tgt Ion:232 Resp: 265252
Ion Ratio Lower Upper
232 100
131 42.8 36.4 54.6
130 2.1 1.9 2.9
166 29.4 23.9 35.9

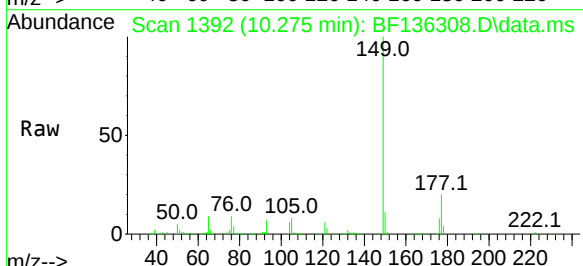
Manual Integrations

APPROVED

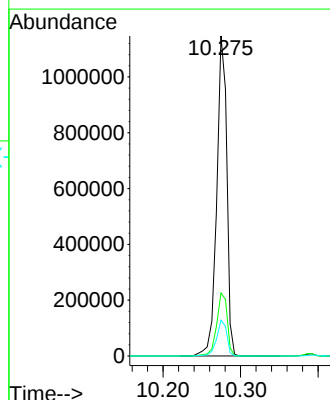
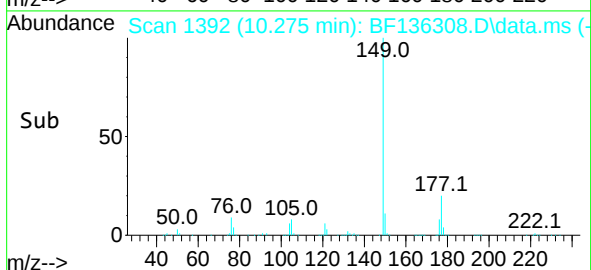
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

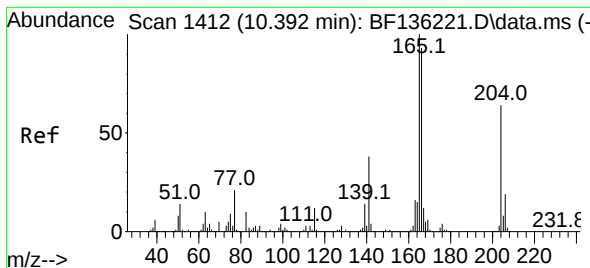


#60
Diethylphthalate
Concen: 39.992 ng
RT: 10.275 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08



Tgt Ion:149 Resp: 1033708
Ion Ratio Lower Upper
149 100
177 19.7 15.8 23.6
150 11.2 8.8 13.2





#61
4-Chlorophenyl-phenylether
Concen: 38.726 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

Instrument :

BNA_F

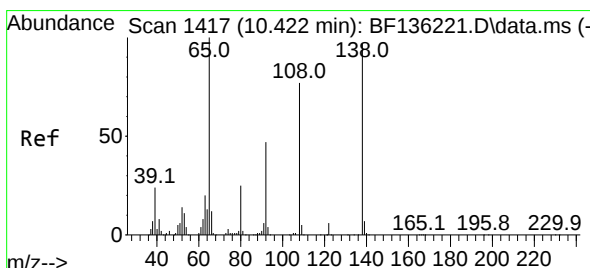
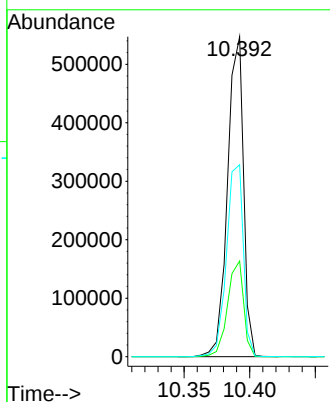
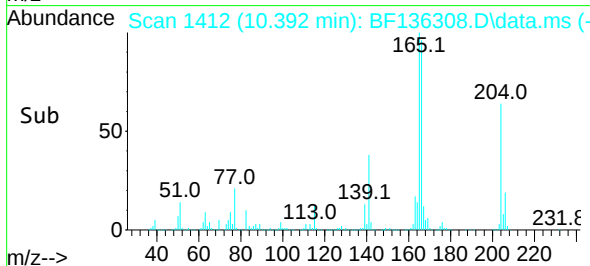
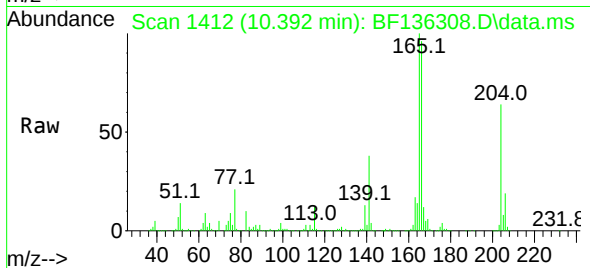
ClientSampleId :

PB157208BS

Tgt Ion:204 Resp: 46348
Ion Ratio Lower Upper
204 100
206 29.9 23.4 35.0
141 60.0 47.6 71.4

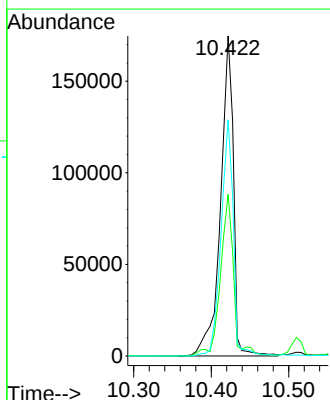
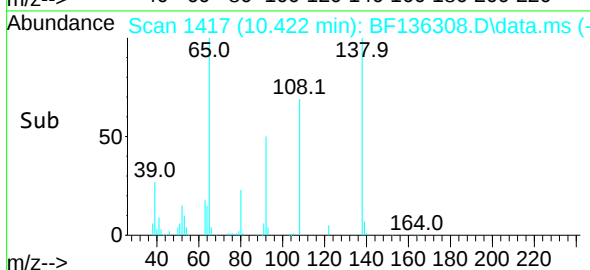
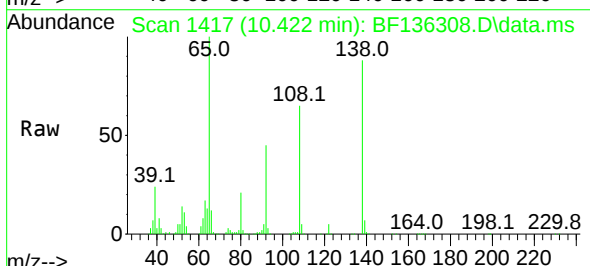
Manual Integrations
APPROVED

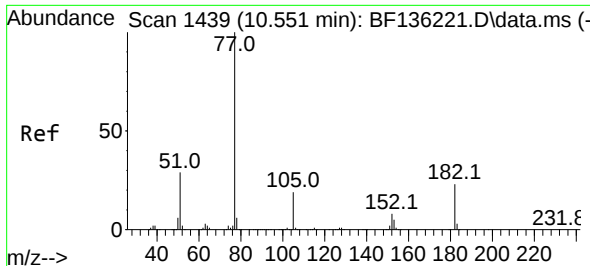
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#62
4-Nitroaniline
Concen: 39.376 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

Tgt Ion:138 Resp: 201880
Ion Ratio Lower Upper
138 100
92 50.5 28.5 68.5
108 73.8 59.8 99.8





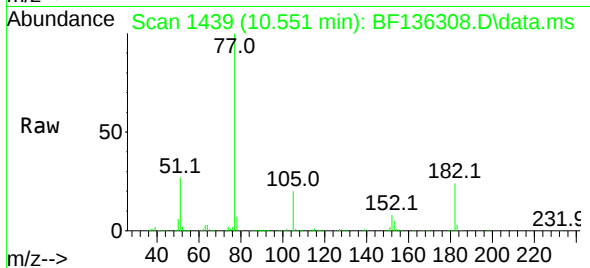
#63
Azobenzene
Concen: 39.050 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157208BS



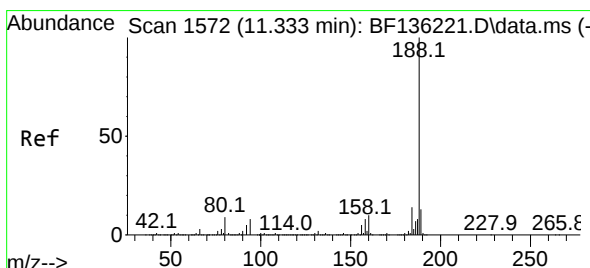
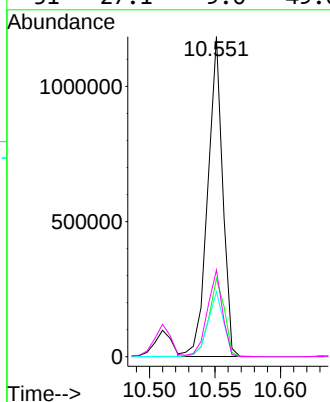
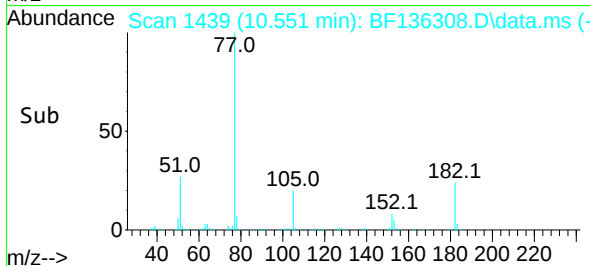
Tgt Ion: 77 Resp: 935740
Ion Ratio Lower Upper
77 100
182 24.5 3.3 43.3
105 20.3 0.0 39.5
51 27.1 9.0 49.0

Manual Integrations

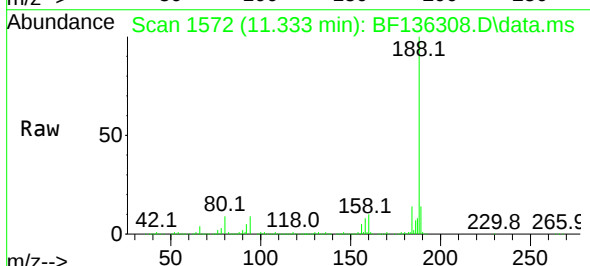
APPROVED

Reviewed By :Yogesh Patel 12/01/2023

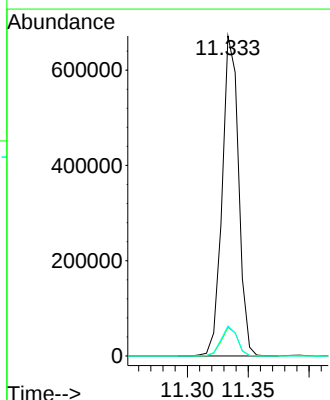
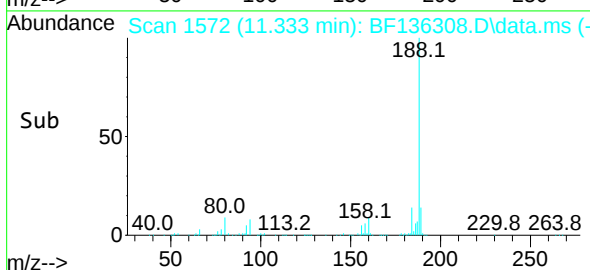
Supervised By :mohammad ahmed 12/01/2023

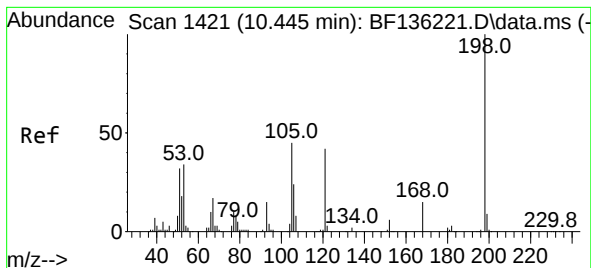


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08



Tgt Ion:188 Resp: 629733
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 9.4 7.2 10.8





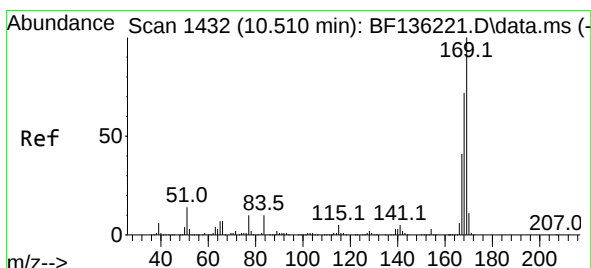
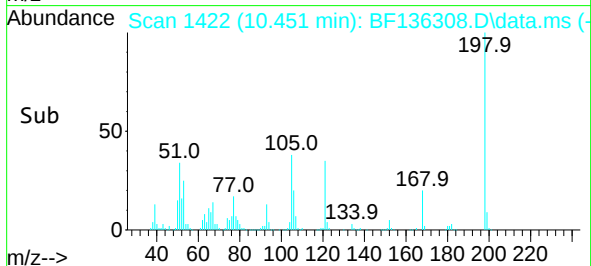
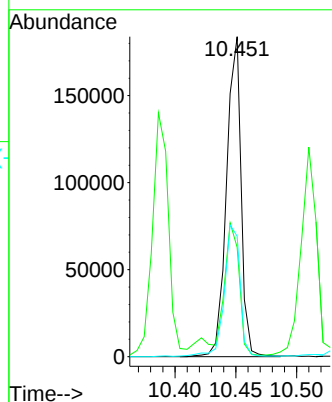
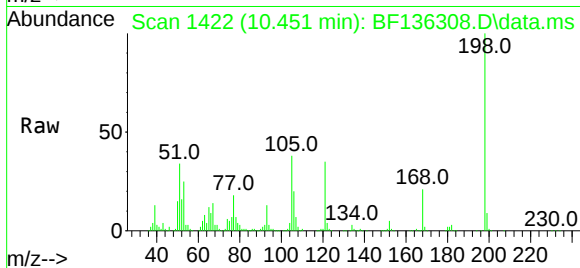
#65
4,6-Dinitro-2-methylphenol
Concen: 44.581 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

Instrument :
BNA_F
ClientSampleId :
PB157208BS

Tgt Ion:198 Resp: 15352
Ion Ratio Lower Upper
198 100
51 34.1 28.2 68.2
105 37.7 25.7 65.7

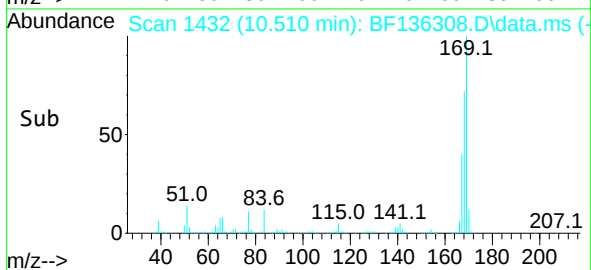
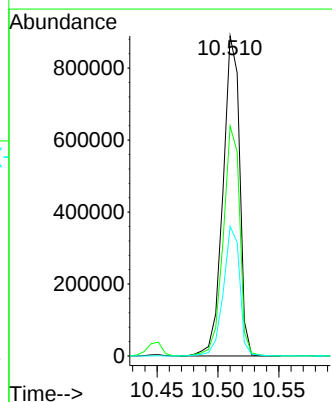
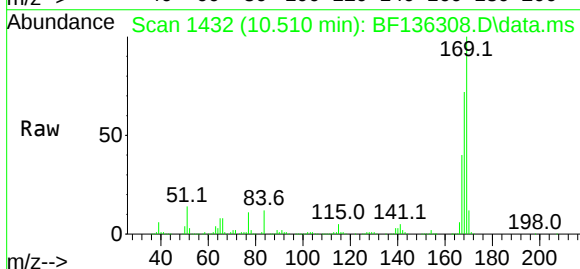
Manual Integrations
APPROVED

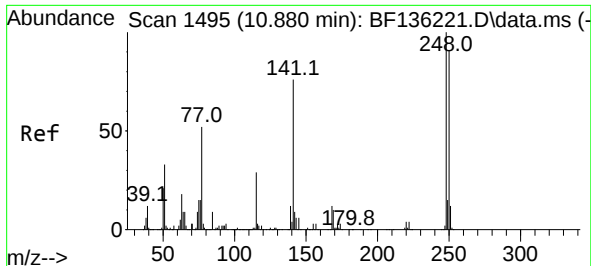
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#66
n-Nitrosodiphenylamine
Concen: 41.879 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

Tgt Ion:169 Resp: 845141
Ion Ratio Lower Upper
169 100
168 71.8 57.8 86.6
167 40.5 32.7 49.1





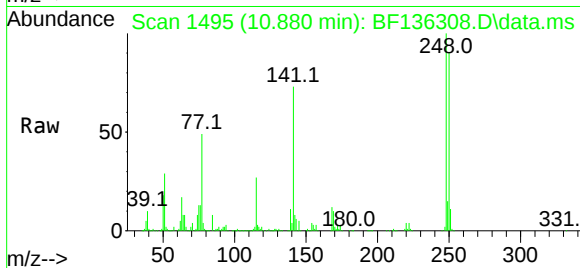
#67
4-Bromophenyl-phenylether
Concen: 40.755 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157208BS

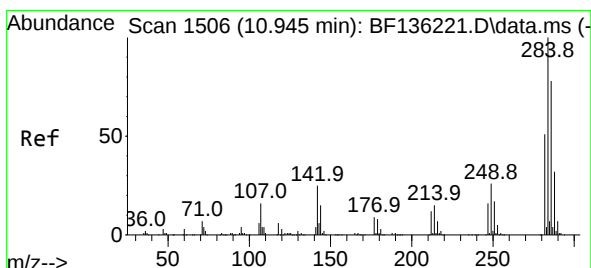
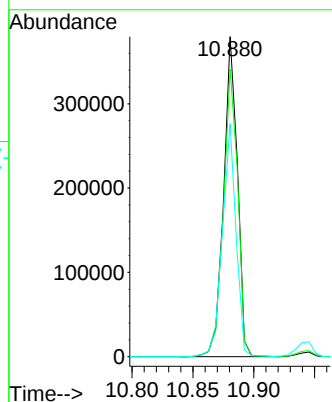


Tgt Ion:248 Resp: 29942
Ion Ratio Lower Upper
248 100
250 89.9 72.5 108.7
141 72.9 60.8 91.2

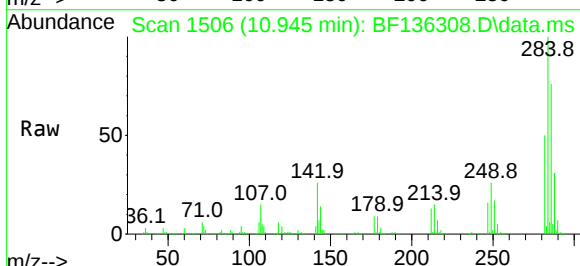
Manual Integrations

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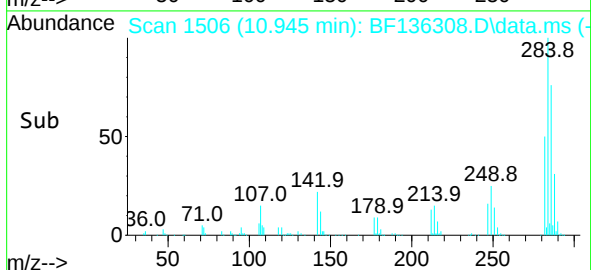
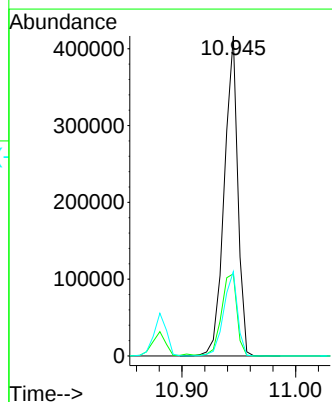
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

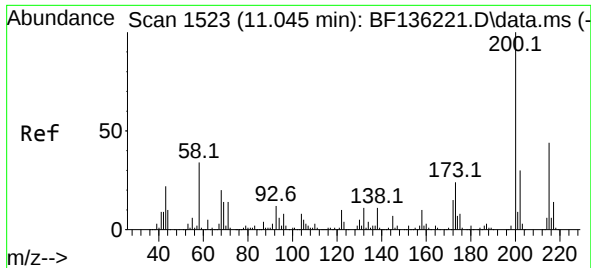


#68
Hexachlorobenzene
Concen: 40.587 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08



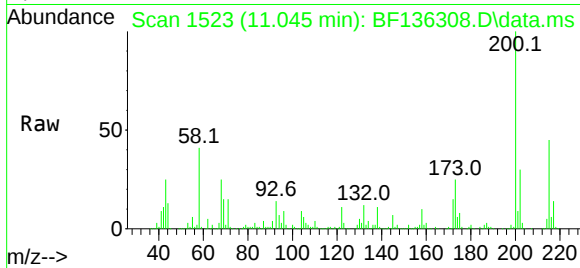
Tgt Ion:284 Resp: 345112
Ion Ratio Lower Upper
284 100
142 25.6 19.8 29.8
249 26.4 21.0 31.4





#69
 Atrazine
 Concen: 40.787 ng
 RT: 11.045 min Scan# 1523
 Delta R.T. 0.000 min
 Lab File: BF136308.D
 Acq: 30 Nov 2023 12:08

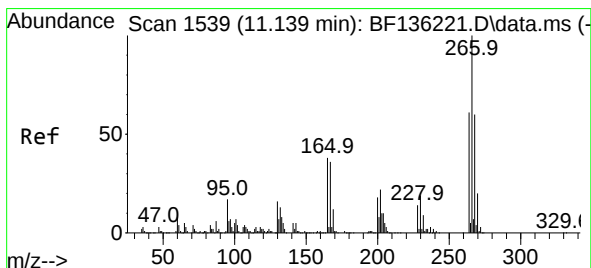
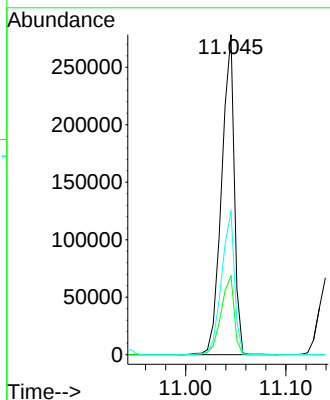
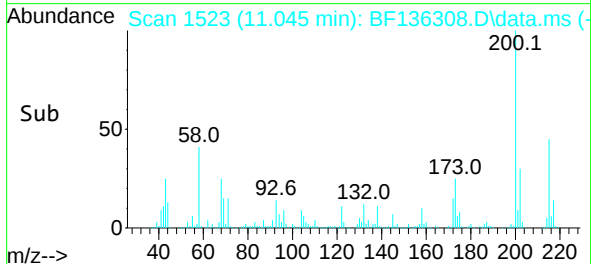
Instrument :
 BNA_F
 ClientSampleId :
 PB157208BS



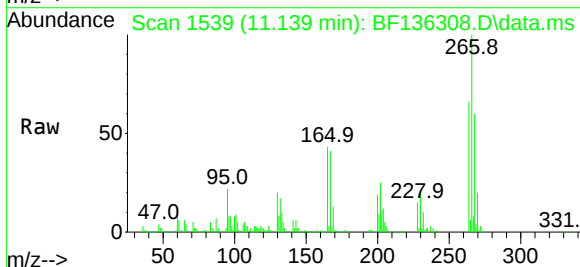
Tgt Ion:200 Resp: 244172
 Ion Ratio Lower Upper
 200 100
 173 24.6 4.3 44.3
 215 44.8 23.8 63.8

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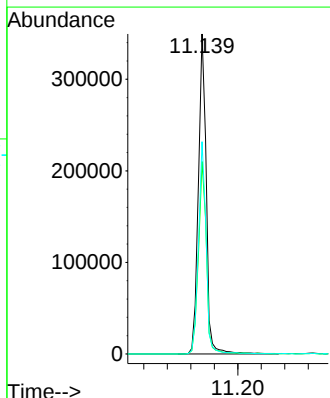
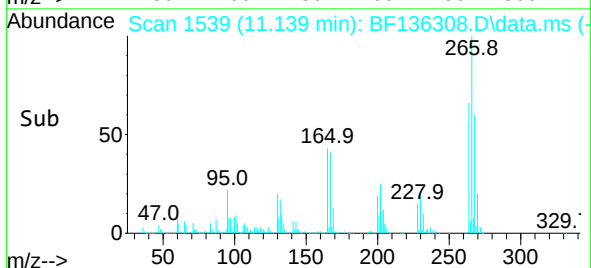
Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/01/2023

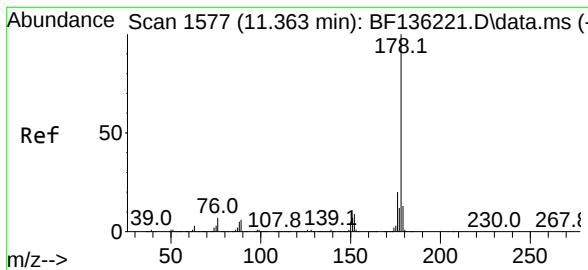


#70
 Pentachlorophenol
 Concen: 67.639 ng
 RT: 11.139 min Scan# 1539
 Delta R.T. 0.000 min
 Lab File: BF136308.D
 Acq: 30 Nov 2023 12:08



Tgt Ion:266 Resp: 325097
 Ion Ratio Lower Upper
 266 100
 268 60.2 47.9 71.9
 264 66.4 49.1 73.7





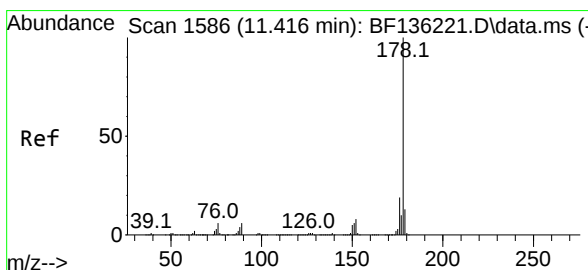
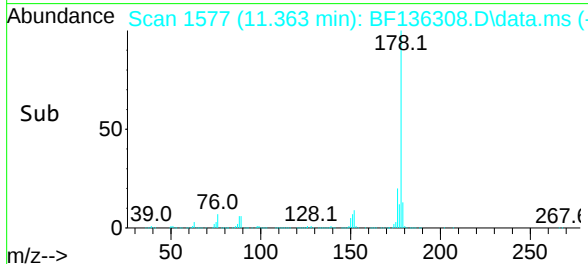
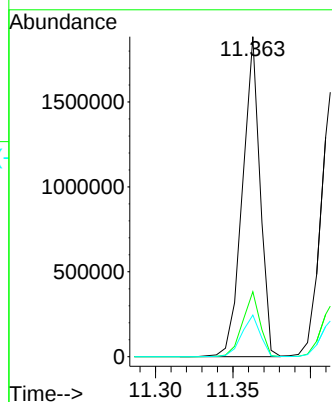
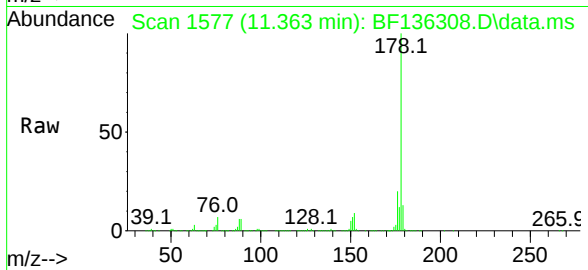
#71
Phenanthrene
Concen: 41.962 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

Instrument :
BNA_F
ClientSampleId :
PB157208BS

Tgt Ion:178 Resp: 148518
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.2
179 13.0 10.3 15.5

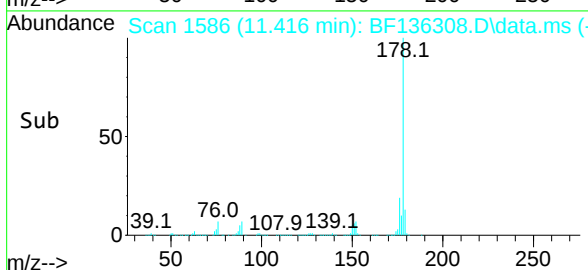
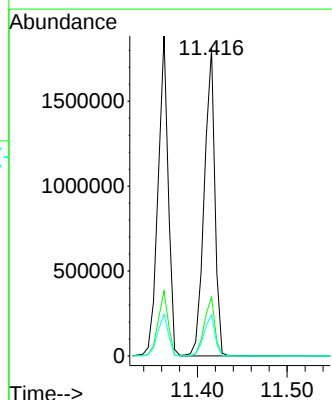
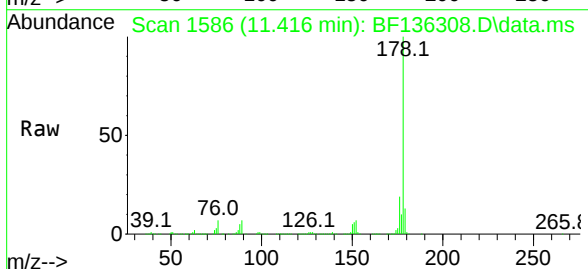
Manual Integrations
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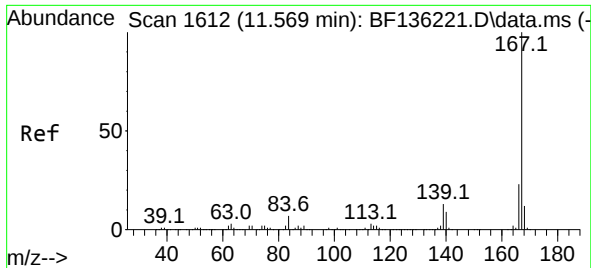
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#72
Anthracene
Concen: 41.812 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

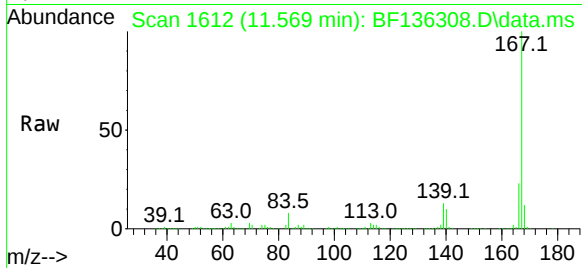
Tgt Ion:178 Resp: 1484052
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 13.3 10.5 15.7





#73
 Carbazole
 Concen: 40.246 ng
 RT: 11.569 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: BF136308.D
 Acq: 30 Nov 2023 12:08

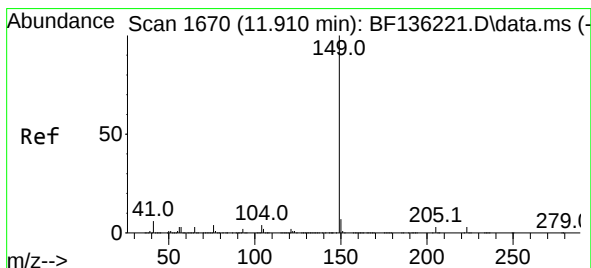
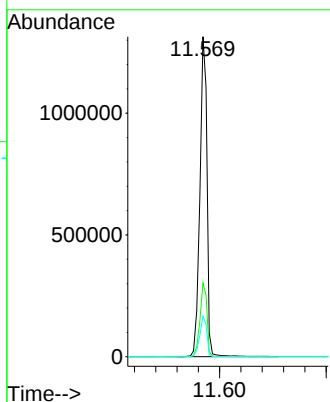
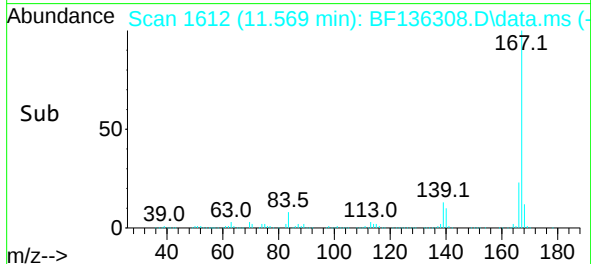
Instrument :
 BNA_F
 ClientSampleId :
 PB157208BS



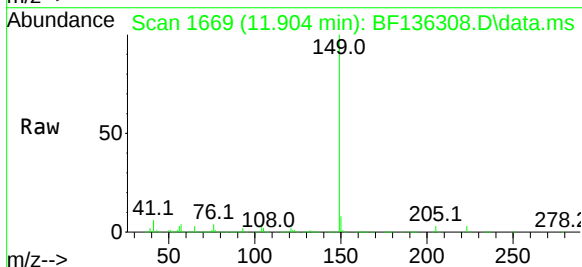
Tgt Ion:167 Resp: 1214940
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.4 27.6
 139 12.7 10.5 15.7

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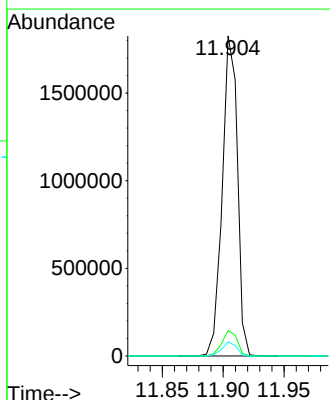
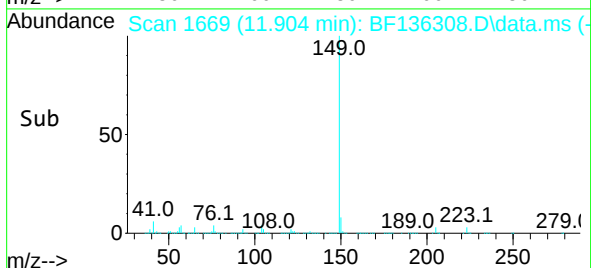
Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/01/2023

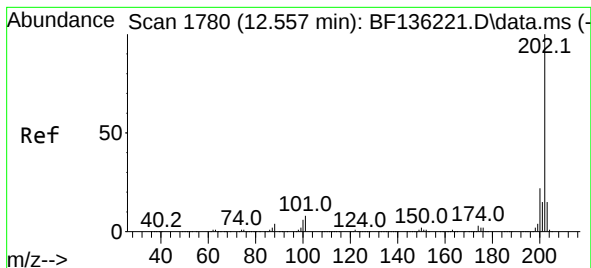


#74
 Di-n-butylphthalate
 Concen: 41.963 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF136308.D
 Acq: 30 Nov 2023 12:08



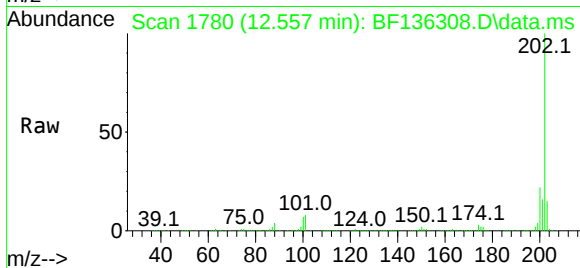
Tgt Ion:149 Resp: 1585010
 Ion Ratio Lower Upper
 149 100
 150 7.9 6.0 9.0
 104 4.4 3.5 5.3





#75
Fluoranthene
Concen: 38.646 ng
RT: 12.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

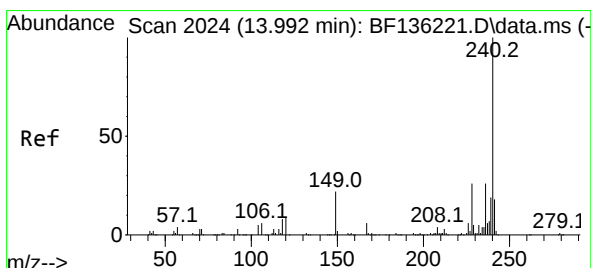
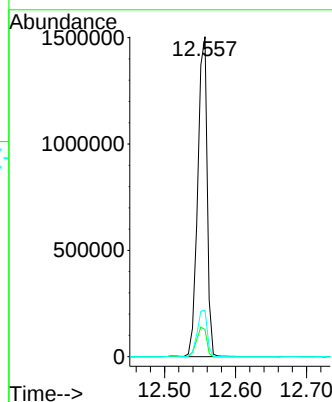
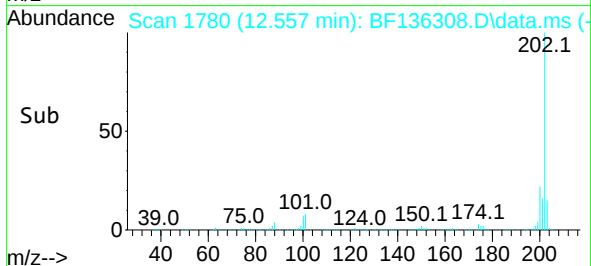
Instrument :
BNA_F
ClientSampleId :
PB157208BS



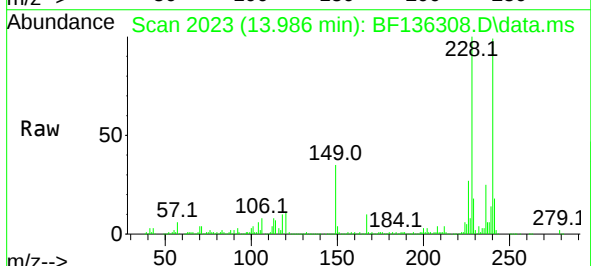
Tgt Ion:202 Resp: 1388580
Ion Ratio Lower Upper
202 100
101 8.4 0.0 27.8
203 14.6 0.0 34.5

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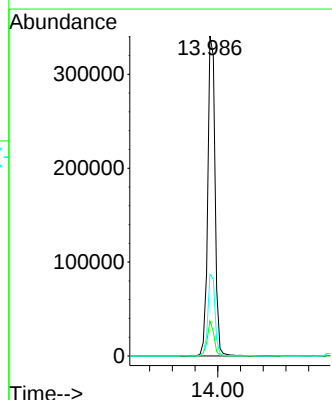
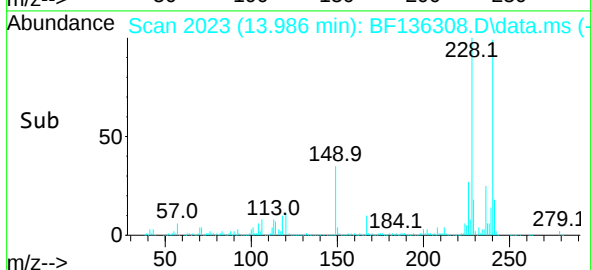
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

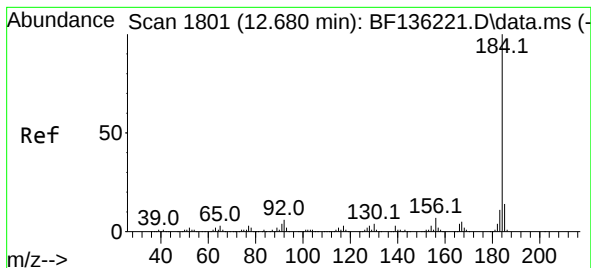


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08



Tgt Ion:240 Resp: 302194
Ion Ratio Lower Upper
240 100
120 10.9 7.4 11.2
236 25.4 21.1 31.7





#77

Benzidine

Concen: 22.552 ng

RT: 12.680 min Scan# 1801

Delta R.T. 0.000 min

Lab File: BF136308.D

Acq: 30 Nov 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157208BS

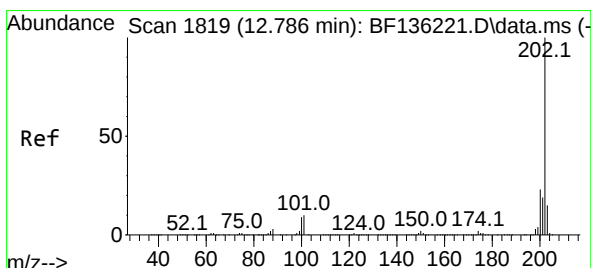
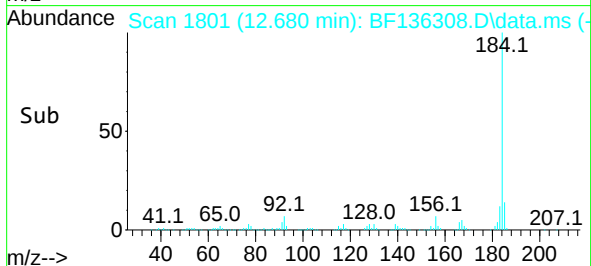
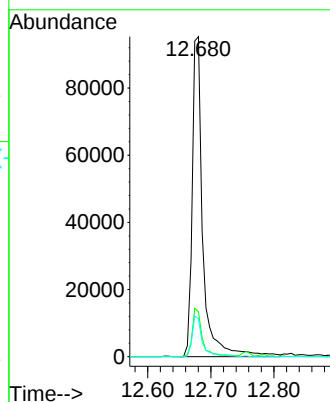
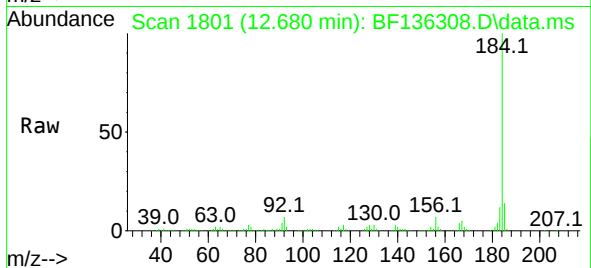
Tgt Ion:184	Resp: 112030
Ion Ratio	Lower Upper
184	100
185	14.1 11.0 16.6
183	11.9 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#78

Pyrene

Concen: 40.820 ng

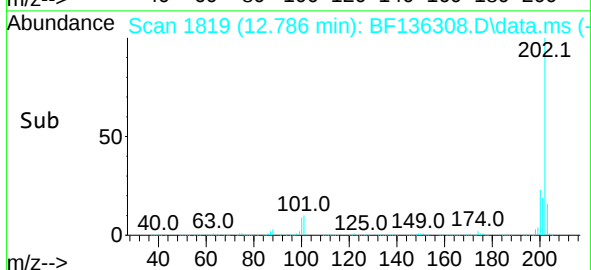
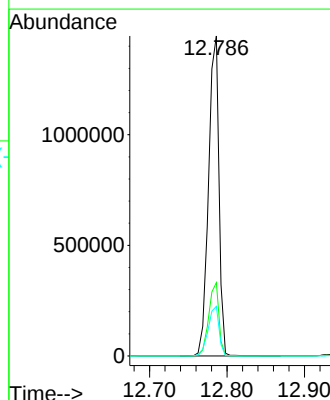
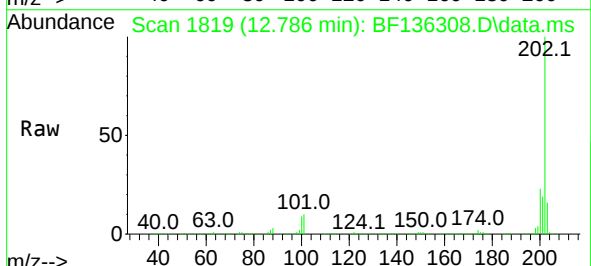
RT: 12.786 min Scan# 1819

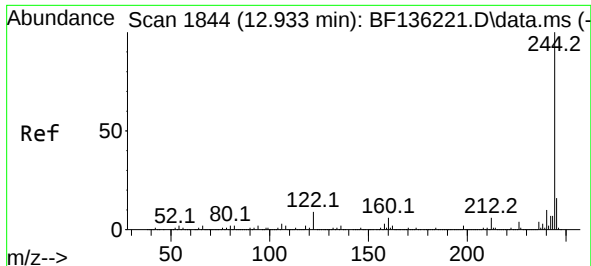
Delta R.T. 0.000 min

Lab File: BF136308.D

Acq: 30 Nov 2023 12:08

Tgt Ion:202	Resp: 1350970
Ion Ratio	Lower Upper
202	100
200	22.9 18.4 27.6
203	15.5 11.8 17.6





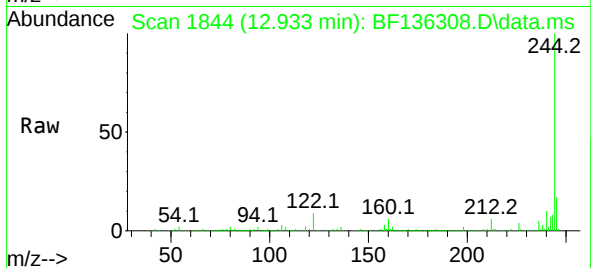
#79
 Terphenyl-d14
 Concen: 77.353 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: BF136308.D
 Acq: 30 Nov 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157208BS



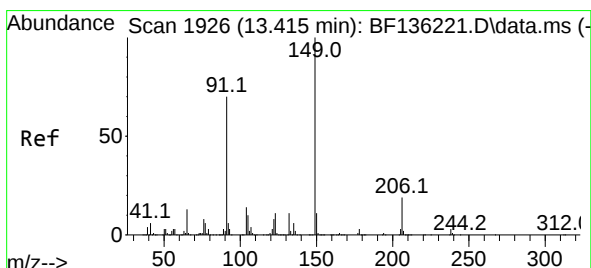
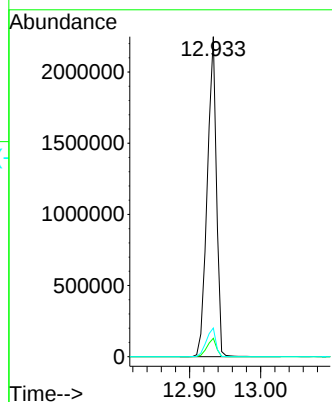
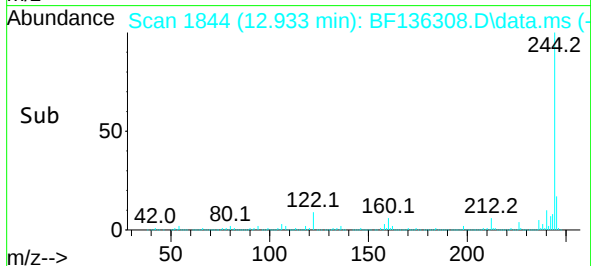
Tgt Ion:244 Resp: 2026502
 Ion Ratio Lower Upper
 244 100
 212 5.8 4.6 7.0
 122 9.0 7.3 10.9

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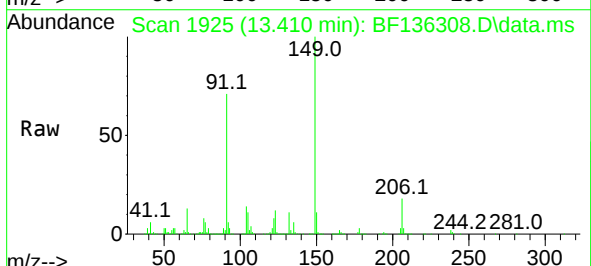
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Reviewed By :Yogesh Patel 12/01/2023

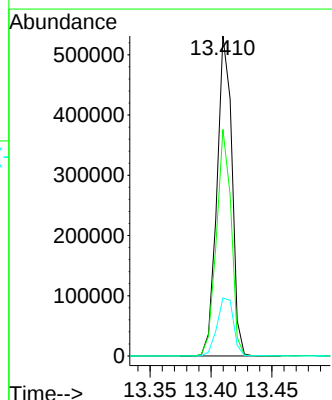
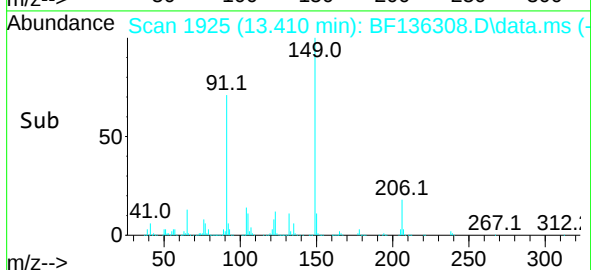
Supervised By :mohammad ahmed 12/01/2023

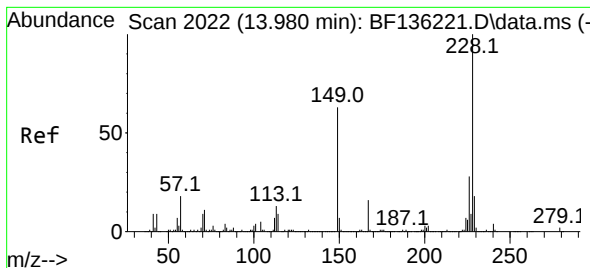


#80
 Butylbenzylphthalate
 Concen: 44.126 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF136308.D
 Acq: 30 Nov 2023 12:08



Tgt Ion:149 Resp: 454501
 Ion Ratio Lower Upper
 149 100
 91 70.8 56.4 84.6
 206 18.1 14.8 22.2





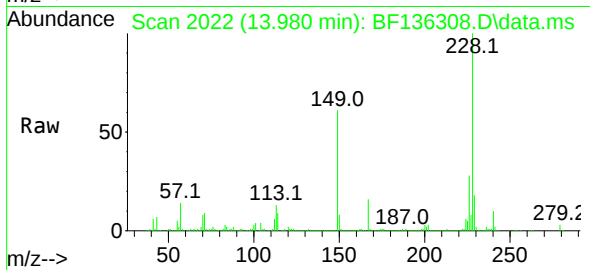
#81
Benzo(a)anthracene
Concen: 39.517 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157208BS

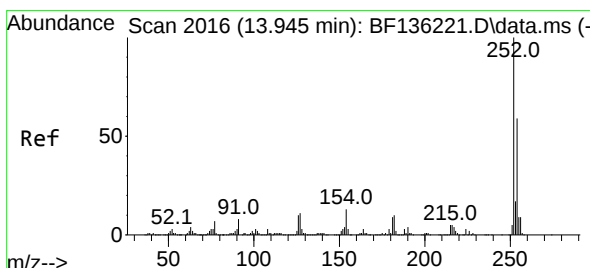
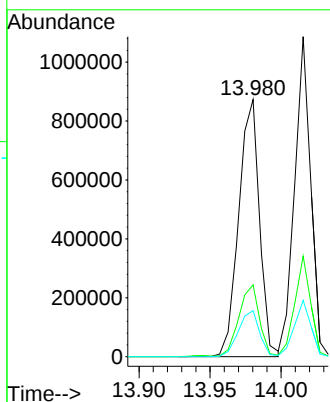
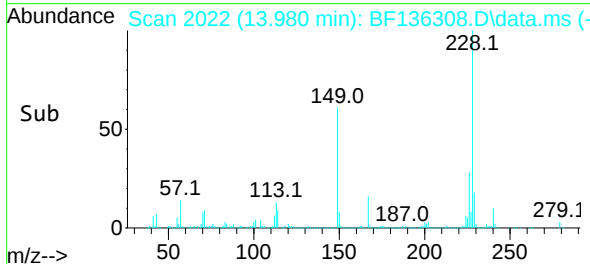


Tgt Ion:228 Resp: 886997
Ion Ratio Lower Upper
228 100
226 28.0 22.6 34.0
229 17.9 14.0 21.0

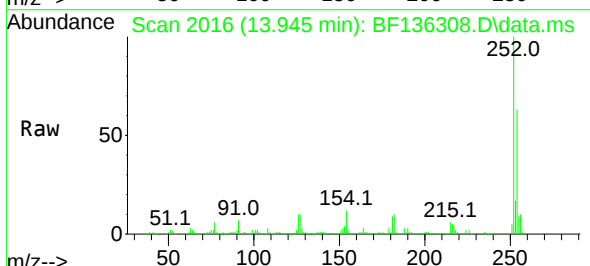
Manual Integrations

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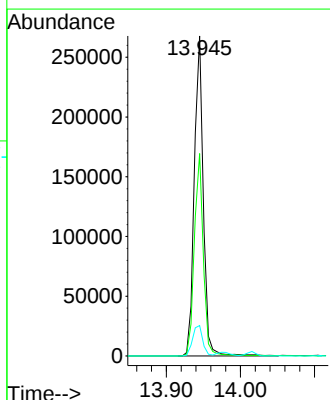
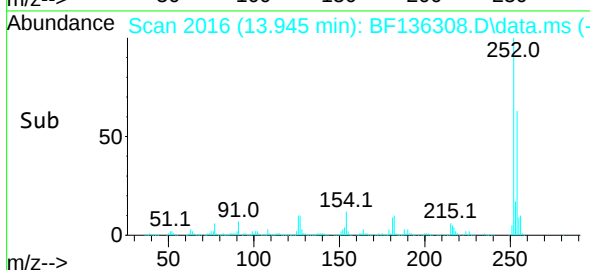
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

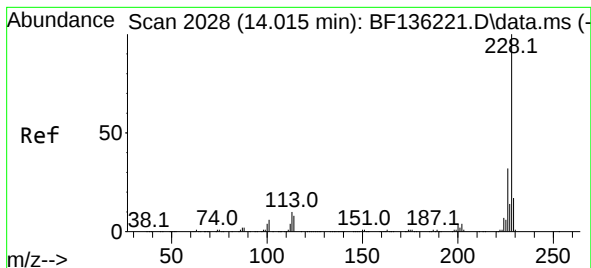


#82
3,3'-Dichlorobenzidine
Concen: 41.880 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08



Tgt Ion:252 Resp: 226280
Ion Ratio Lower Upper
252 100
254 63.3 47.4 71.2
126 9.5 8.3 12.5





#83

Chrysene

Concen: 39.494 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF136308.D

Acq: 30 Nov 2023 12:08

Instrument :

BNA_F

ClientSampleId :

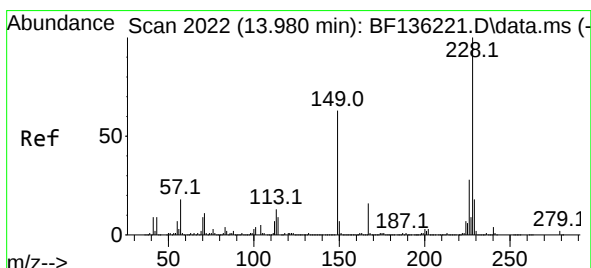
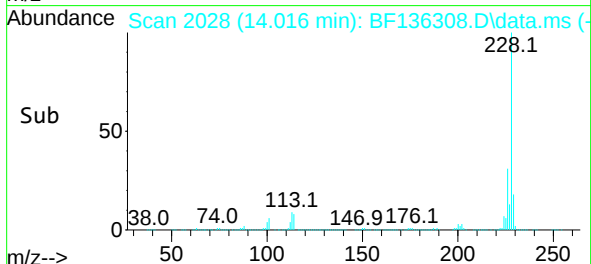
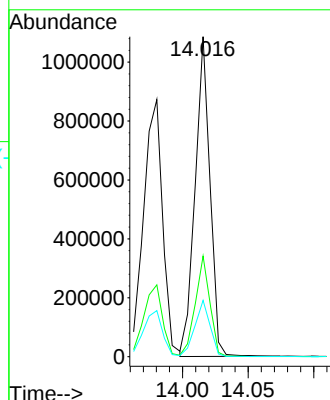
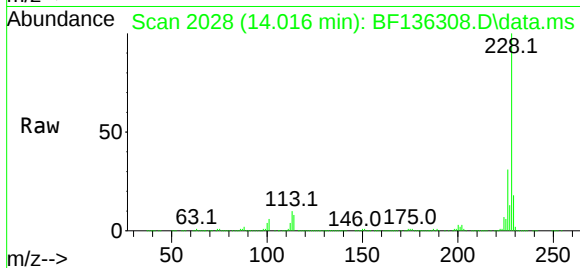
PB157208BS

Tgt Ion:228	Resp: 855924
Ion Ratio	Lower Upper
228 100	
226 31.5	25.5 38.3
229 17.6	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: 43.031 ng

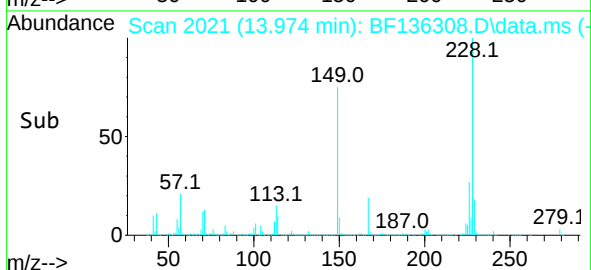
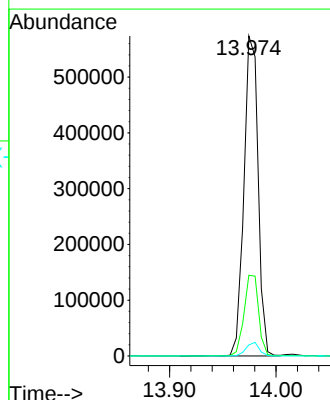
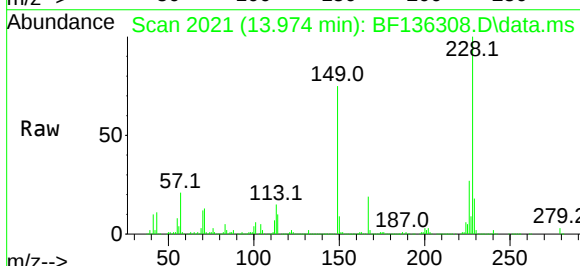
RT: 13.974 min Scan# 2021

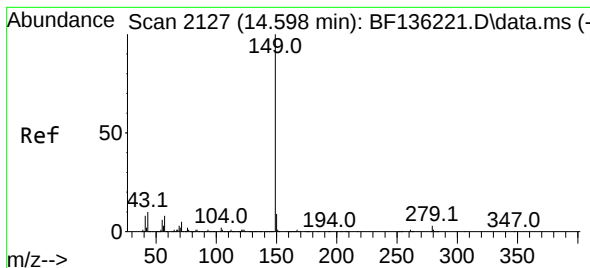
Delta R.T. -0.006 min

Lab File: BF136308.D

Acq: 30 Nov 2023 12:08

Tgt Ion:149	Resp: 531924
Ion Ratio	Lower Upper
149 100	
167 25.2	20.2 30.2
279 3.4	2.4 3.6





#85

Di-n-octyl phthalate

Concen: 45.242 ng

RT: 14.592 min Scan# 2127

Delta R.T. -0.006 min

Lab File: BF136308.D

Acq: 30 Nov 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157208BS

Tgt Ion:149 Resp: 90161

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

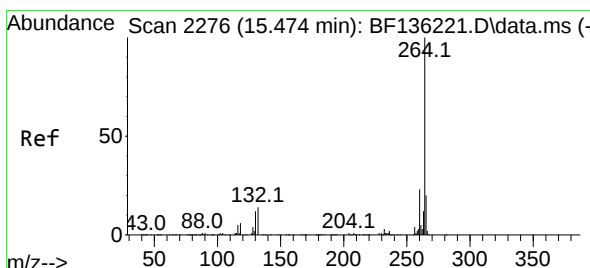
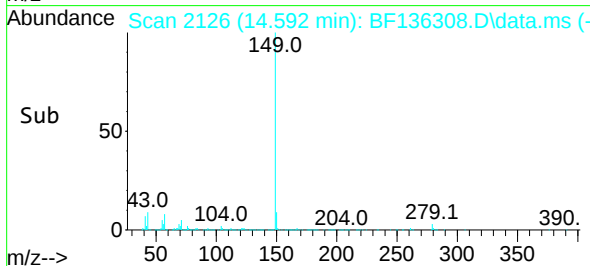
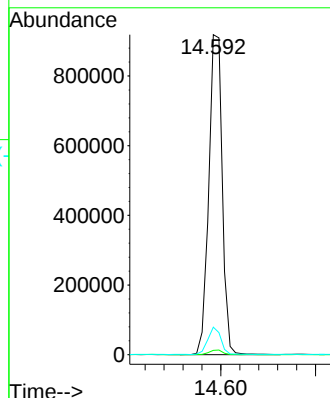
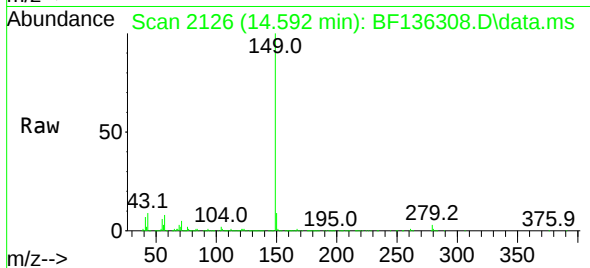
43 8.3 7.2 10.8

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: BF136308.D

Acq: 30 Nov 2023 12:08

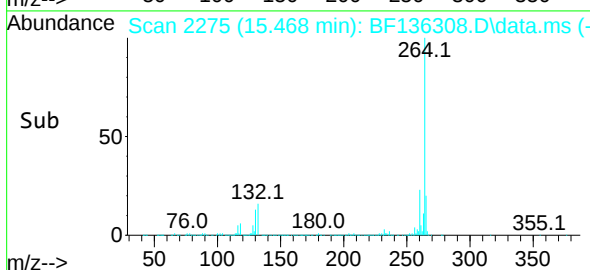
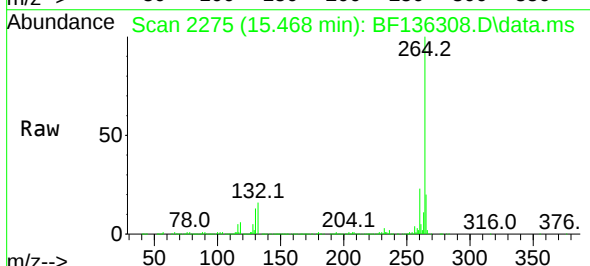
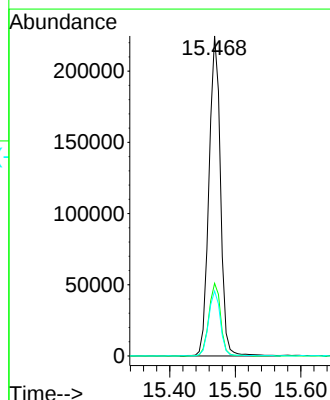
Tgt Ion:264 Resp: 274562

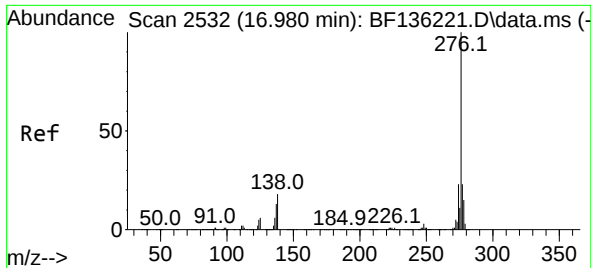
Ion Ratio Lower Upper

264 100

260 22.7 18.6 27.8

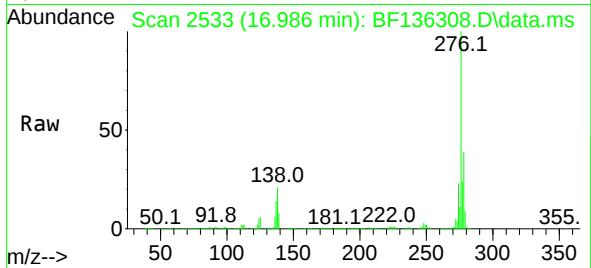
265 20.3 15.7 23.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.065 ng
RT: 16.986 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

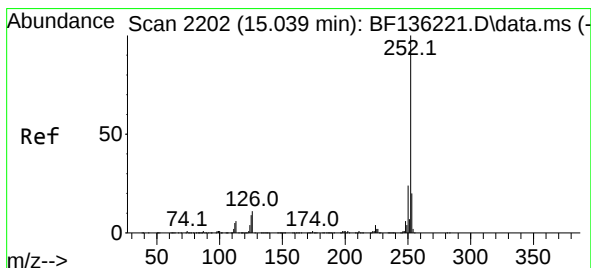
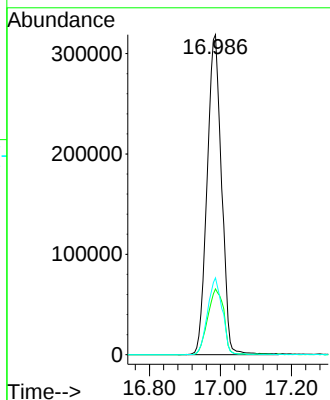
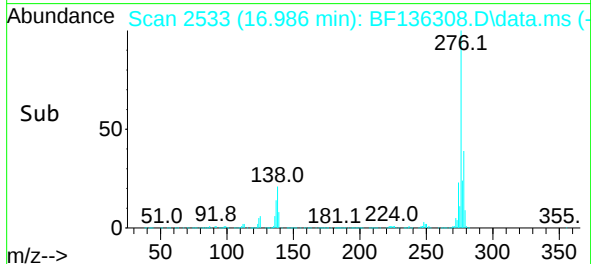
Instrument :
BNA_F
ClientSampleId :
PB157208BS



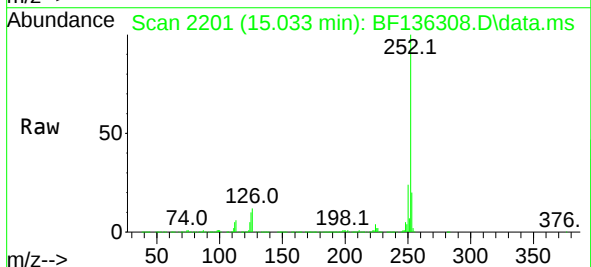
Tgt Ion:276 Resp: 899562
Ion Ratio Lower Upper
276 100
138 22.7 17.7 26.5
277 24.4 19.6 29.4

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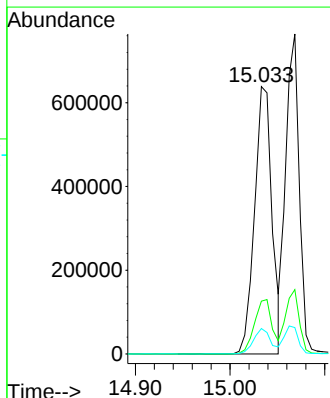
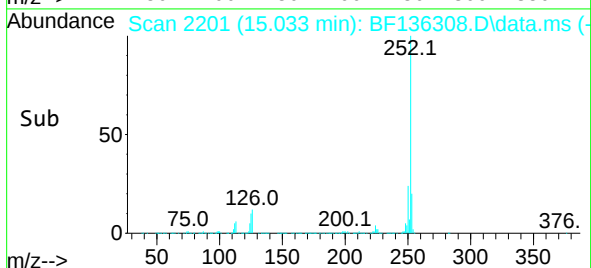
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

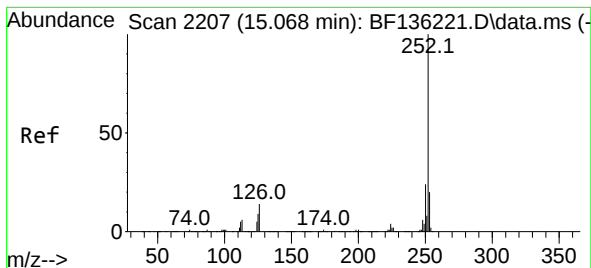


#88
Benzo(b)fluoranthene
Concen: 42.522 ng
RT: 15.033 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08



Tgt Ion:252 Resp: 819100
Ion Ratio Lower Upper
252 100
253 19.7 16.2 24.2
125 9.5 6.9 10.3





#89

Benzo(k)fluoranthene

Concen: 41.937 ng

RT: 15.068 min Scan# 2207

Delta R.T. 0.000 min

Lab File: BF136308.D

Acq: 30 Nov 2023 12:08

Instrument :

BNA_F

ClientSampleId :

PB157208BS

Tgt Ion:252 Resp: 767250

Ion Ratio Lower Upper

252 100

253 20.1 15.6 23.4

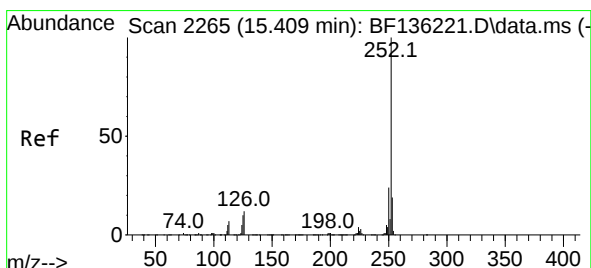
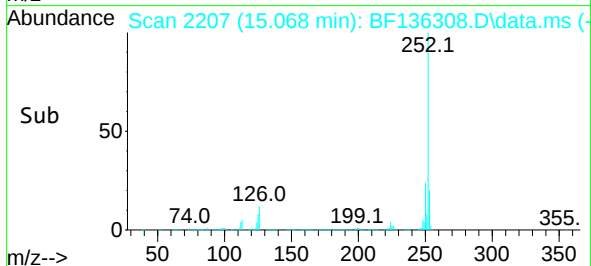
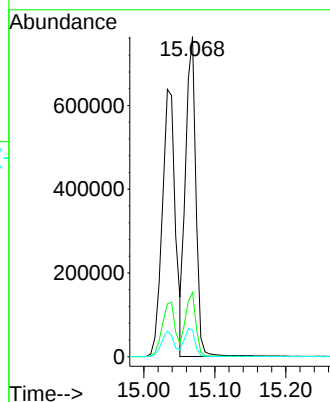
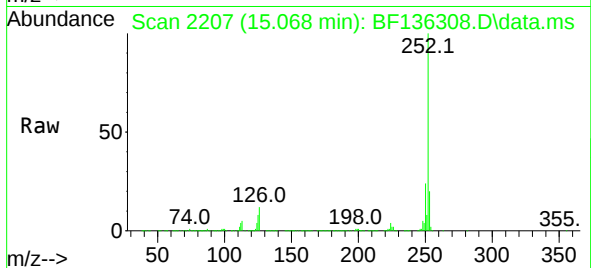
125 8.3 7.0 10.4

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: 44.262 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.001 min

Lab File: BF136308.D

Acq: 30 Nov 2023 12:08

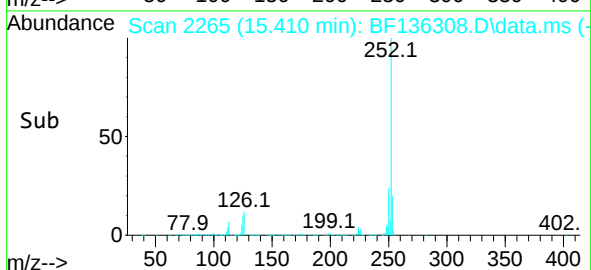
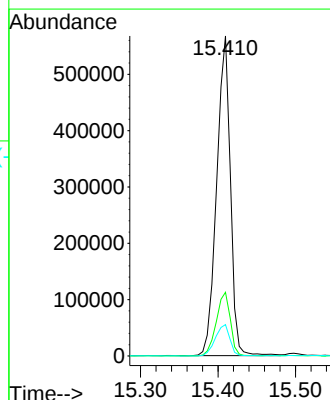
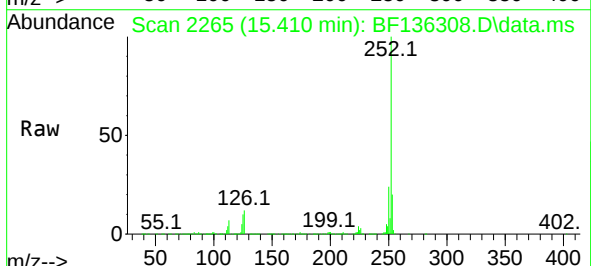
Tgt Ion:252 Resp: 696988

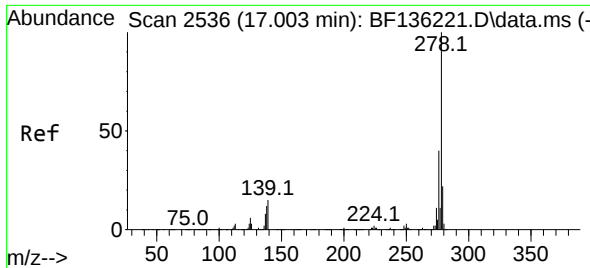
Ion Ratio Lower Upper

252 100

253 19.9 15.5 23.3

125 9.8 7.9 11.9





#91
Dibenzo(a,h)anthracene
Concen: 44.731 ng
RT: 17.009 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

Instrument :

BNA_F

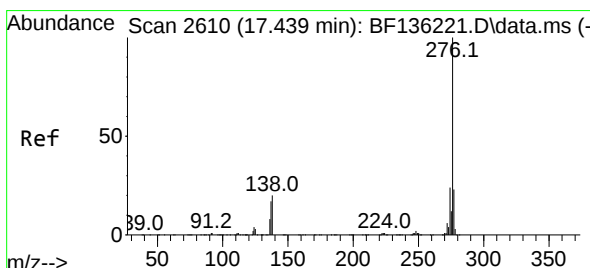
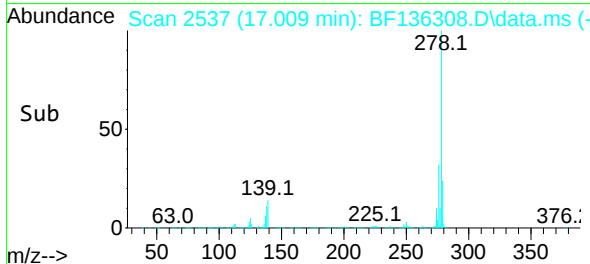
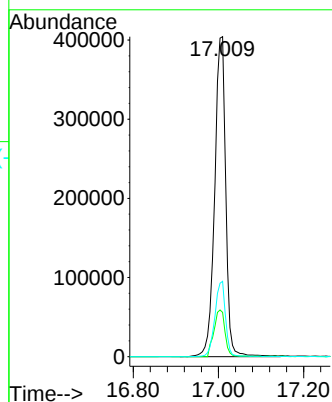
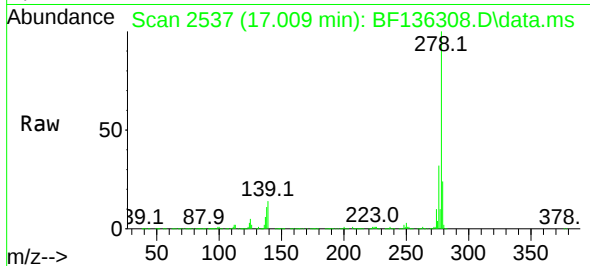
ClientSampleId :

PB157208BS

Tgt Ion:278 Resp: 73356
Ion Ratio Lower Upper
278 100
139 13.9 11.7 17.5
279 23.6 17.8 26.8

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Supervised By :mohammad ahmed 12/01/2023



#92
Benzo(g,h,i)perylene
Concen: 43.515 ng
RT: 17.445 min Scan# 2611
Delta R.T. 0.006 min
Lab File: BF136308.D
Acq: 30 Nov 2023 12:08

Tgt Ion:276 Resp: 716187
Ion Ratio Lower Upper
276 100
277 22.1 18.6 27.8
138 18.6 15.8 23.8

