

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
 Data File : BF136421.D
 Acq On : 06 Dec 2023 11:09
 Operator : CG\JU
 Sample : PB157498BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157498BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023

Quant Time: Dec 06 11:35:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	122974	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	524583	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	278006	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	533458	20.000	ng	0.00
76) Chrysene-d12	13.980	240	325426	20.000	ng	0.00
86) Perylene-d12	15.457	264	237651	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1077170	129.360	ng	0.02
7) Phenol-d6	6.446	99	1345007	129.463	ng	0.00
23) Nitrobenzene-d5	7.369	82	822679	84.780	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	455764	132.960	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1679963	82.455	ng	0.00
79) Terphenyl-d14	12.922	244	2085555	84.469	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	131236	39.847	ng	98
3) Pyridine	3.428	79	291888	36.596	ng	99
4) n-Nitrosodimethylamine	3.399	42	157771	45.530	ng	98
6) Aniline	6.469	93	401940	38.282	ng	100
8) 2-Chlorophenol	6.587	128	422152	46.439	ng	97
9) Benzaldehyde	6.357	77	121283	20.419	ng	93
10) Phenol	6.457	94	501838	45.395	ng	93
11) bis(2-Chloroethyl)ether	6.546	93	384581	46.671	ng	96
12) 1,3-Dichlorobenzene	6.745	146	438283	42.871	ng	98
13) 1,4-Dichlorobenzene	6.822	146	446797	43.083	ng	99
14) 1,2-Dichlorobenzene	6.969	146	424778	43.558	ng	98
15) Benzyl Alcohol	6.951	79	317214	45.597	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	481342	45.418	ng	98
17) 2-Methylphenol	7.057	107	329856	44.914	ng	97
18) Hexachloroethane	7.310	117	157658	43.544	ng	98
19) n-Nitroso-di-n-propyla...	7.222	70	275169	45.915	ng	99
20) 3+4-Methylphenols	7.210	107	415570	45.588	ng	98
22) Acetophenone	7.216	105	581892	44.920	ng	98
24) Nitrobenzene	7.387	77	407752	41.771	ng	99
25) Isophorone	7.622	82	762127	43.716	ng	99
26) 2-Nitrophenol	7.698	139	220210	45.887	ng	98
27) 2,4-Dimethylphenol	7.740	122	366063	61.862	ng	97
28) bis(2-Chloroethoxy)met...	7.834	93	464205	43.333	ng	99
29) 2,4-Dichlorophenol	7.940	162	352692	45.155	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	390333	42.857	ng	98
31) Naphthalene	8.104	128	1242051	42.935	ng	100
32) Benzoic acid	7.881	122	270831	46.137	ng	97
33) 4-Chloroaniline	8.151	127	372034	36.073	ng	98
34) Hexachlorobutadiene	8.216	225	220914	40.928	ng	100
35) Caprolactam	8.534	113	116493m	48.431	ng	
36) 4-Chloro-3-methylphenol	8.640	107	378433	45.631	ng	98
37) 2-Methylnaphthalene	8.792	142	796400	43.273	ng	99
38) 1-Methylnaphthalene	8.892	142	743100	41.147	ng	99
40) 1,2,4,5-Tetrachloroben...	8.963	216	381707	44.132	ng	99
41) Hexachlorocyclopentadiene	8.945	237	412188	128.636	ng	98
43) 2,4,6-Trichlorophenol	9.075	196	248453	44.117	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
 Data File : BF136421.D
 Acq On : 06 Dec 2023 11:09
 Operator : CG\JU
 Sample : PB157498BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157498BS

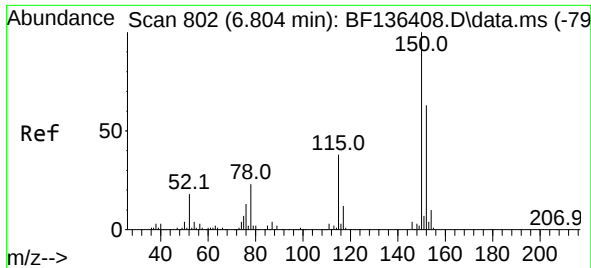
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023

Quant Time: Dec 06 11:35:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

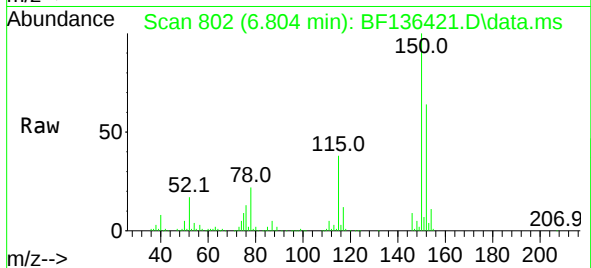
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	275521	43.834	ng	97
46) 1,1'-Biphenyl	9.263	154	1029007	43.500	ng	100
47) 2-Chloronaphthalene	9.287	162	776220	42.159	ng	100
48) 2-Nitroaniline	9.386	65	223953	45.353	ng	88
49) Acenaphthylene	9.698	152	1177720	44.904	ng	99
50) Dimethylphthalate	9.569	163	909266	44.424	ng	100
51) 2,6-Dinitrotoluene	9.628	165	202900	44.064	ng	96
52) Acenaphthene	9.875	154	727020	43.257	ng	99
53) 3-Nitroaniline	9.798	138	183820	39.093	ng	96
54) 2,4-Dinitrophenol	9.910	184	238610	102.491	ng	97
55) Dibenzofuran	10.045	168	1074002	43.742	ng	98
56) 4-Nitrophenol	9.969	139	329932	93.599	ng	100
57) 2,4-Dinitrotoluene	10.034	165	271170	44.517	ng	91
58) Fluorene	10.392	166	854676	43.364	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.163	232	244238	48.510	ng	98
60) Diethylphthalate	10.269	149	897066	44.571	ng	98
61) 4-Chlorophenyl-phenyle...	10.381	204	412867	42.970	ng	99
62) 4-Nitroaniline	10.422	138	212879	45.594	ng	98
63) Azobenzene	10.545	77	807594	44.084	ng	98
65) 4,6-Dinitro-2-methylph...	10.445	198	160437	48.562	ng	92
66) n-Nitrosodiphenylamine	10.504	169	769020	44.926	ng	99
67) 4-Bromophenyl-phenylether	10.875	248	268087	43.224	ng	97
68) Hexachlorobenzene	10.939	284	307609	42.911	ng	# 89
69) Atrazine	11.033	200	179113	36.661	ng	99
70) Pentachlorophenol	11.133	266	335490	82.924	ng	97
71) Phenanthrene	11.357	178	1332918	45.459	ng	99
72) Anthracene	11.404	178	1340431	45.388	ng	99
73) Carbazole	11.563	167	1170619	44.785	ng	100
74) Di-n-butylphthalate	11.898	149	1439565	44.925	ng	99
75) Fluoranthene	12.545	202	1365316	44.434	ng	99
77) Benzidine	12.669	184	222823	33.611	ng	98
78) Pyrene	12.775	202	1379848	43.295	ng	99
80) Butylbenzylphthalate	13.404	149	540190	47.613	ng	97
81) Benzo(a)anthracene	13.969	228	1009251	44.523	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	327621	51.548	ng	99
83) Chrysene	14.010	228	983151	44.083	ng	98
84) Bis(2-ethylhexyl)phtha...	13.963	149	683320	49.130	ng	99
85) Di-n-octyl phthalate	14.580	149	1050123	51.115	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	861650	52.189	ng	100
88) Benzo(b)fluoranthene	15.021	252	826146	50.844	ng	99
89) Benzo(k)fluoranthene	15.057	252	758637	49.542	ng	98
90) Benzo(a)pyrene	15.392	252	661887	49.325	ng	100
91) Dibenzo(a,h)anthracene	16.986	278	716881	53.001	ng	99
92) Benzo(g,h,i)perylene	17.421	276	721777	51.991	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

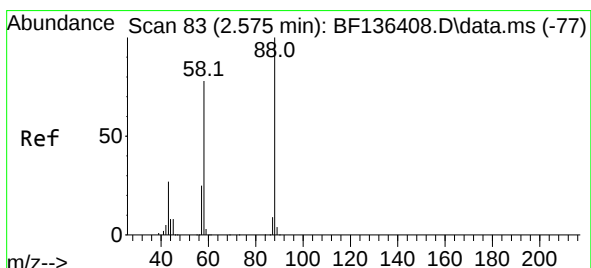
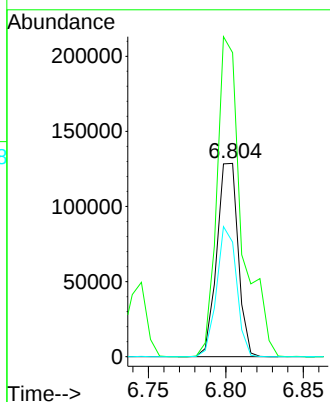
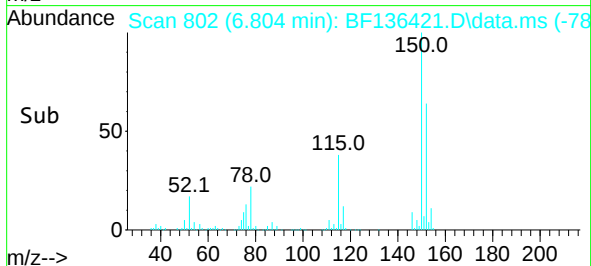
Instrument :
BNA_F
ClientSampleId :
PB157498BS



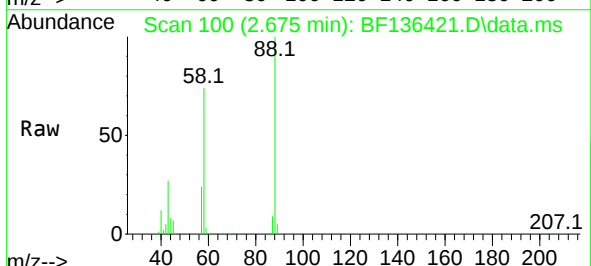
Tgt Ion:152 Resp: 122974
Ion Ratio Lower Upper
152 100
150 157.3 126.4 189.6
115 59.3 48.2 72.4

Manual Integrations
APPROVED

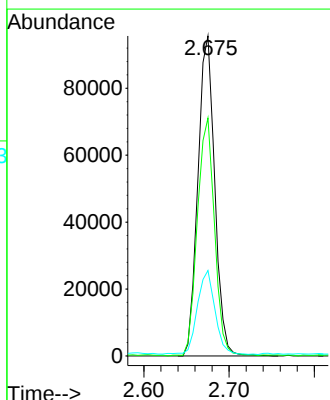
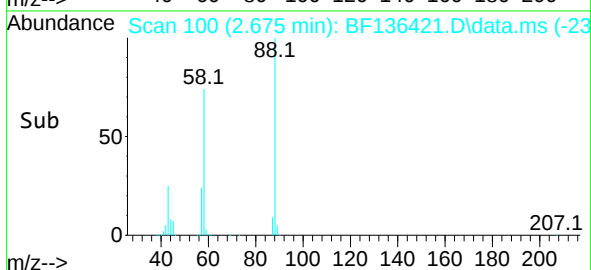
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

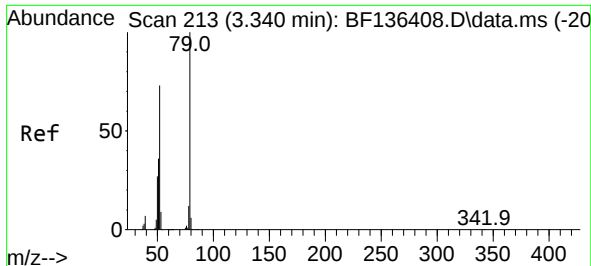


#2
1,4-Dioxane
Concen: 39.847 ng
RT: 2.675 min Scan# 100
Delta R.T. 0.100 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09



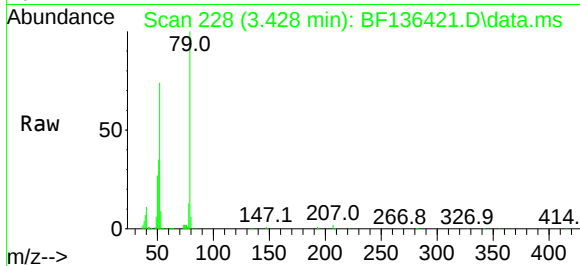
Tgt Ion: 88 Resp: 131236
Ion Ratio Lower Upper
88 100
58 76.2 62.2 93.2
43 27.5 21.5 32.3





#3
Pyridine
Concen: 36.596 ng
RT: 3.428 min Scan# 21
Delta R.T. 0.088 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

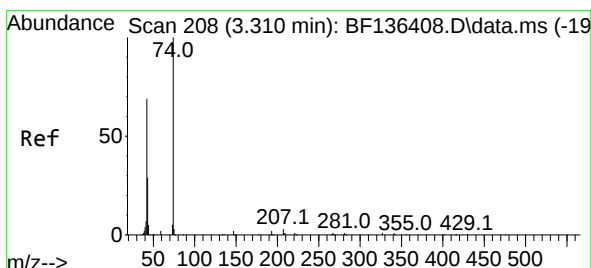
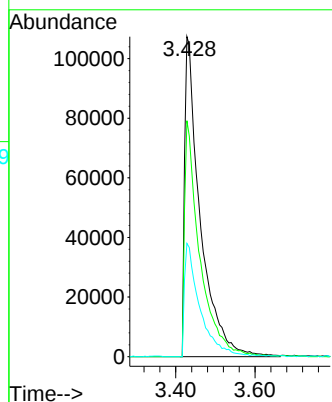
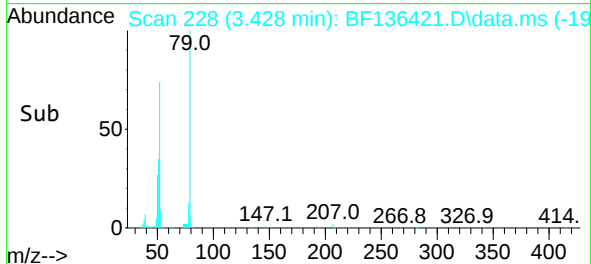
Instrument :
BNA_F
ClientSampleId :
PB157498BS



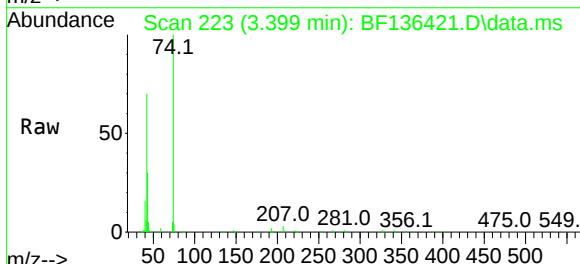
Tgt Ion: 79 Resp: 29188
Ion Ratio Lower Upper
79 100
52 73.7 58.2 87.2
51 35.4 29.1 43.7

Manual Integrations
APPROVED

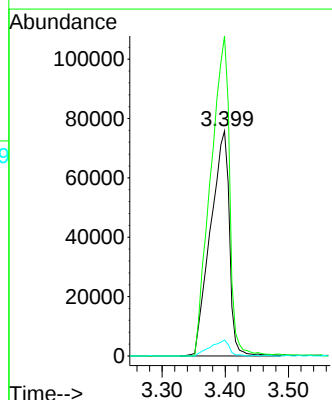
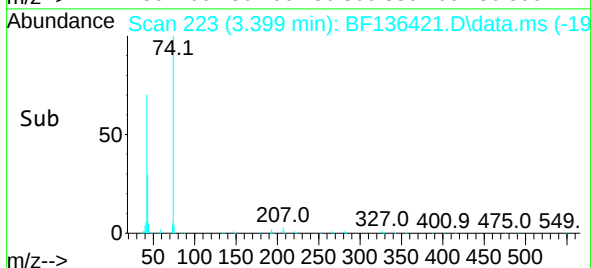
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

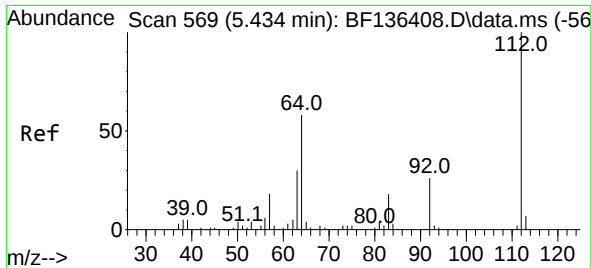


#4
n-Nitrosodimethylamine
Concen: 45.530 ng
RT: 3.399 min Scan# 223
Delta R.T. 0.088 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09



Tgt Ion: 42 Resp: 157771
Ion Ratio Lower Upper
42 100
74 142.2 115.4 173.0
44 7.1 6.2 9.2





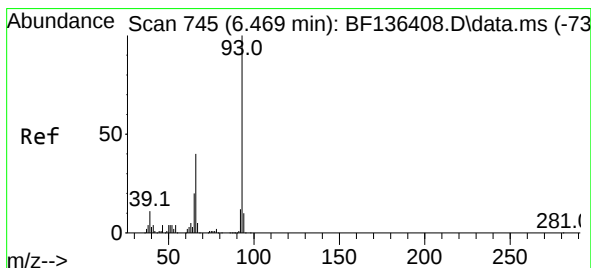
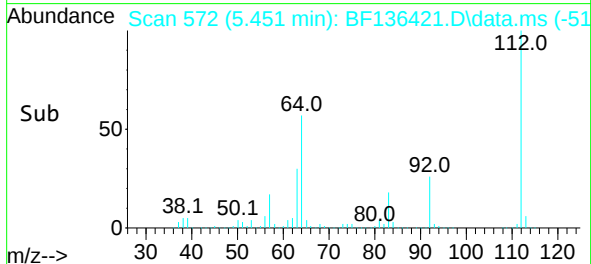
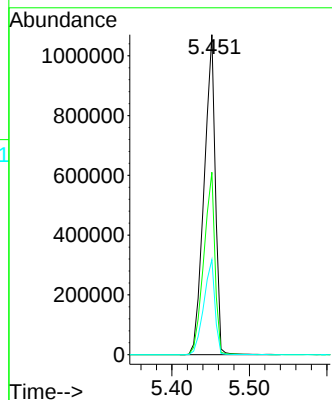
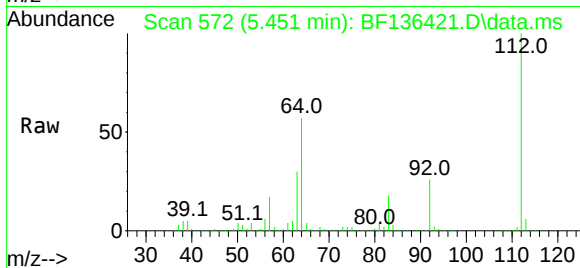
#5
2-Fluorophenol
Concen: 129.360 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

Instrument :
BNA_F
ClientSampleId :
PB157498BS

Tgt Ion:112 Resp: 1077170
Ion Ratio Lower Upper
112 100
64 57.0 46.5 69.7
63 29.7 23.9 35.9

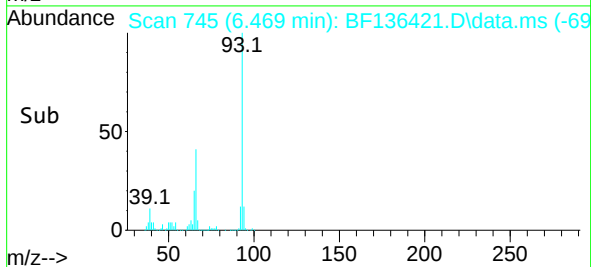
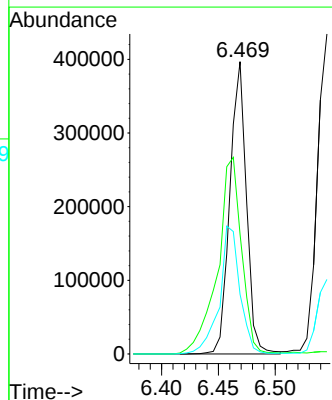
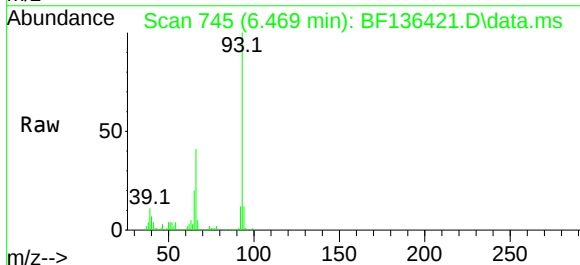
Manual Integrations
APPROVED

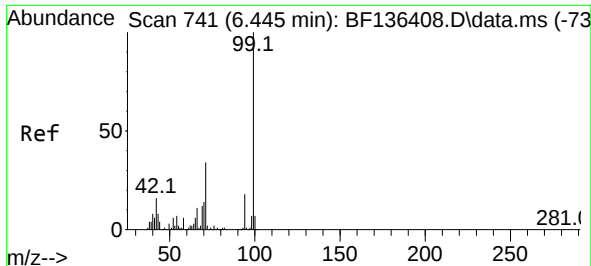
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#6
Aniline
Concen: 38.282 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

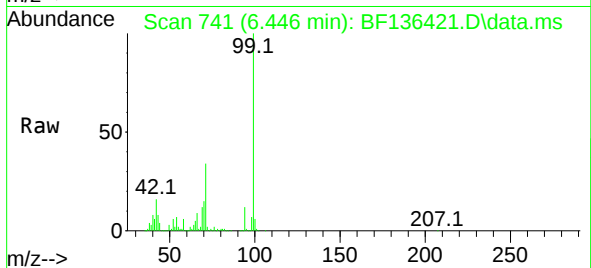
Tgt Ion: 93 Resp: 401940
Ion Ratio Lower Upper
93 100
66 41.0 32.5 48.7
65 20.4 16.4 24.6





#7
Phenol-d6
Concen: 129.463 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

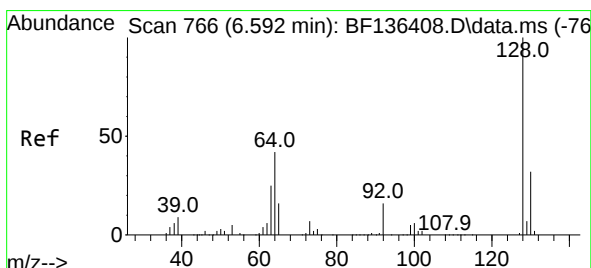
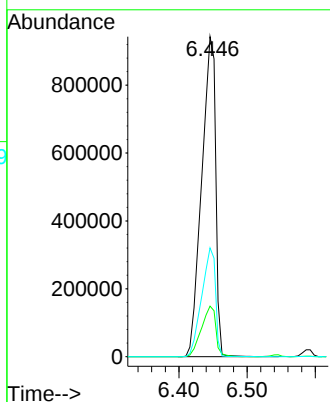
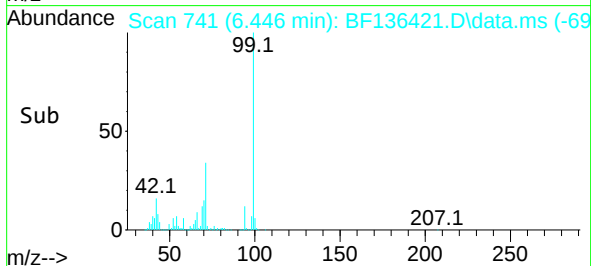
Instrument :
BNA_F
ClientSampleId :
PB157498BS



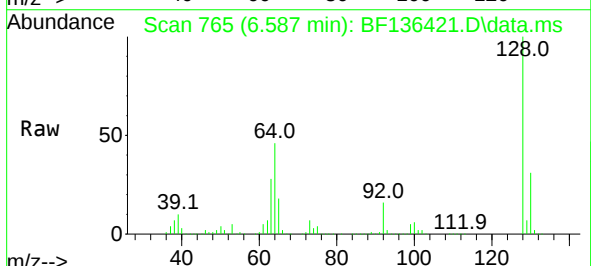
Tgt Ion: 99 Resp: 134500
Ion Ratio Lower Upper
99 100
42 15.8 12.8 19.2
71 34.0 27.0 40.4

Manual Integrations
APPROVED

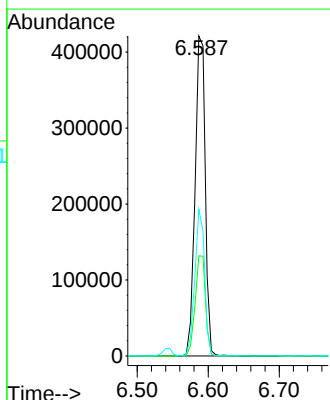
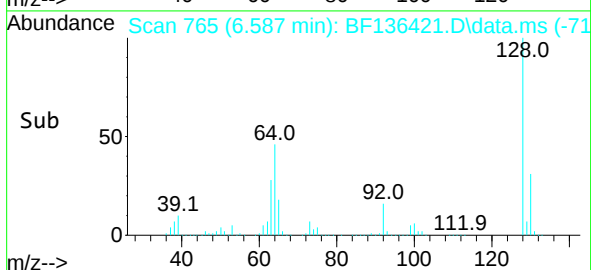
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

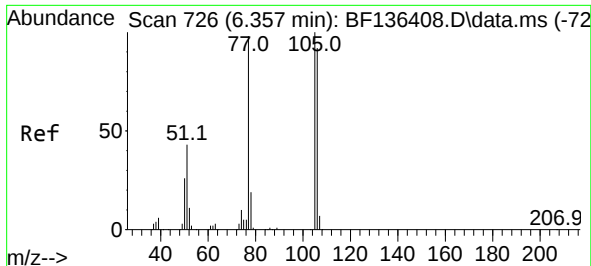


#8
2-Chlorophenol
Concen: 46.439 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.006 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09



Tgt Ion:128 Resp: 422152
Ion Ratio Lower Upper
128 100
130 31.3 11.7 51.7
64 45.8 22.5 62.5





#9

Benzaldehyde

Concen: 20.419 ng

RT: 6.357 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF136421.D

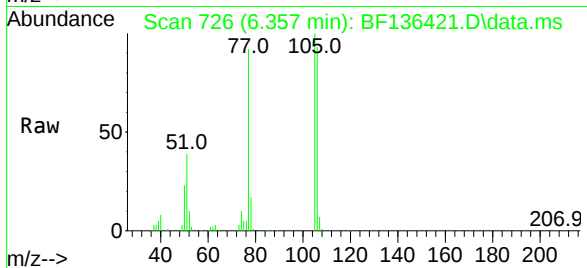
Acq: 06 Dec 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB157498BS



Tgt Ion: 77 Resp: 12128

Ion Ratio Lower Upper

77 100

105 109.0 82.5 122.5

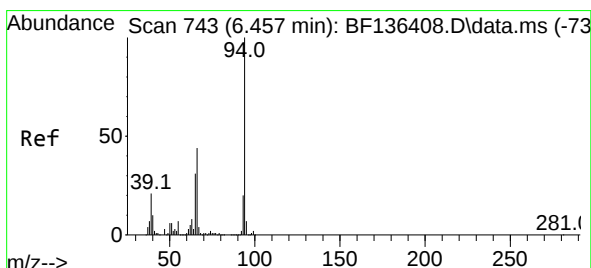
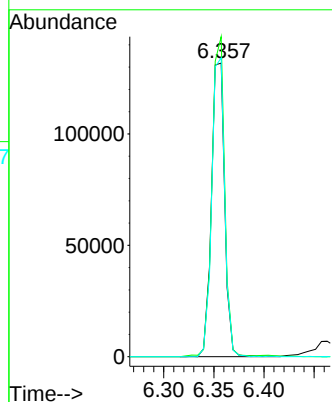
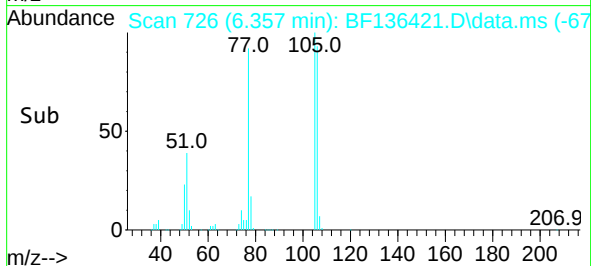
106 101.8 74.5 114.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#10

Phenol

Concen: 45.395 ng

RT: 6.457 min Scan# 743

Delta R.T. 0.000 min

Lab File: BF136421.D

Acq: 06 Dec 2023 11:09

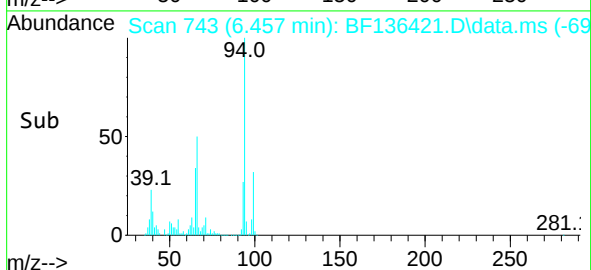
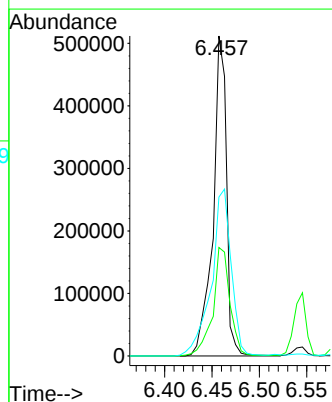
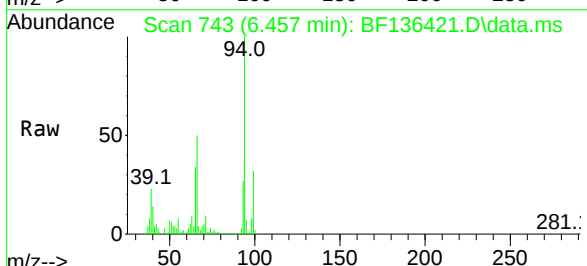
Tgt Ion: 94 Resp: 501838

Ion Ratio Lower Upper

94 100

65 33.9 11.2 51.2

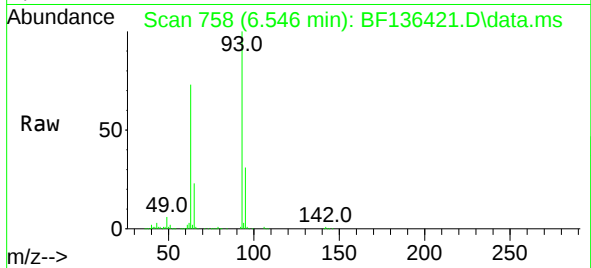
66 49.6 24.2 64.2





#11
bis(2-Chloroethyl)ether
Concen: 46.671 ng
RT: 6.546 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

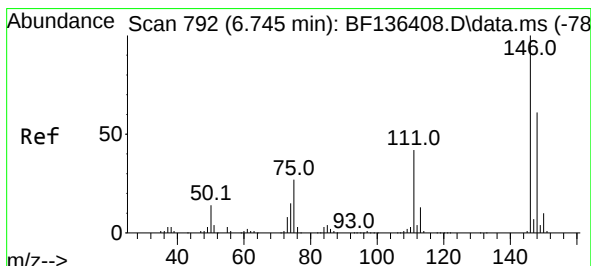
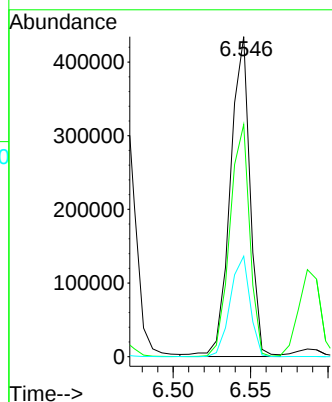
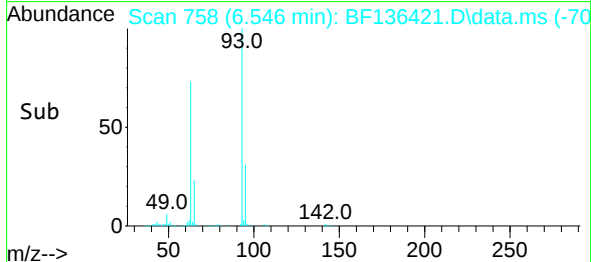
Instrument :
BNA_F
ClientSampleId :
PB157498BS



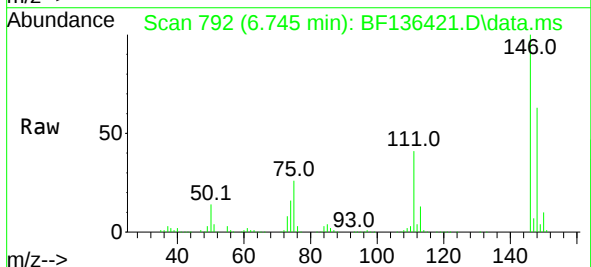
Tgt Ion: 93 Resp: 38458
Ion Ratio Lower Upper
93 100
63 72.5 56.8 96.8
95 31.4 11.8 51.8

Manual Integrations
APPROVED

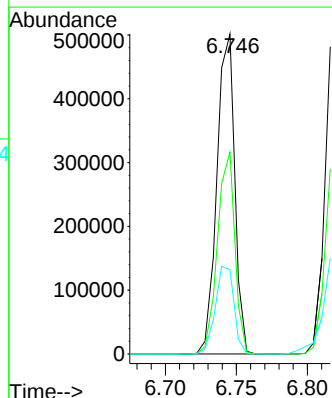
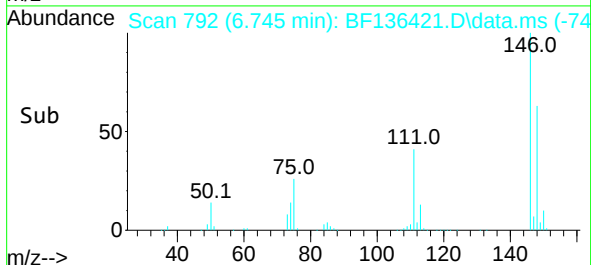
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

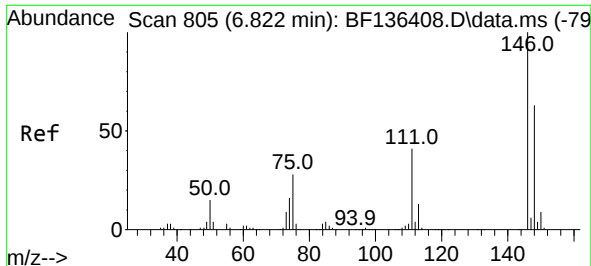


#12
1,3-Dichlorobenzene
Concen: 42.871 ng
RT: 6.745 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09



Tgt Ion:146 Resp: 438283
Ion Ratio Lower Upper
146 100
148 63.1 49.0 73.6
75 26.3 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 43.083 ng

RT: 6.822 min Scan# 805

Delta R.T. 0.000 min

Lab File: BF136421.D

Acq: 06 Dec 2023 11:09

Instrument :

BNA_F

ClientSampleId :

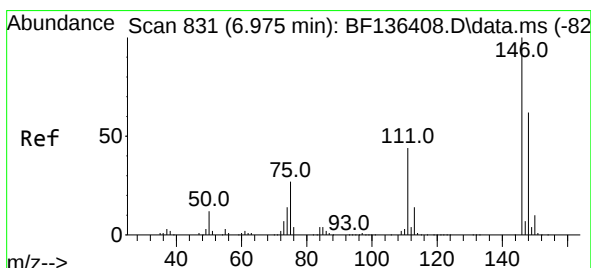
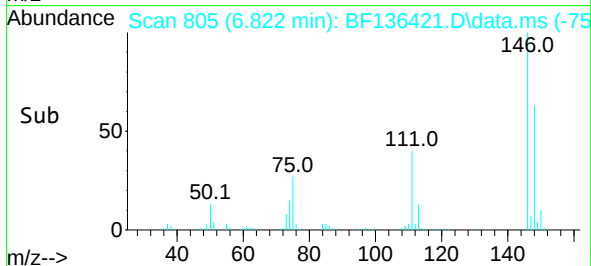
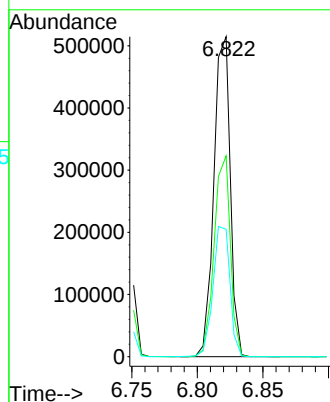
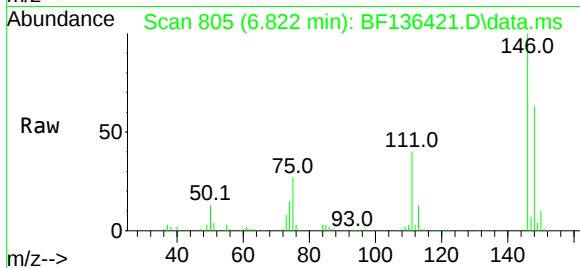
PB157498BS

Tgt Ion:146 Resp: 446797
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.3 75.5
 111 39.8 32.6 49.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023



#14

1,2-Dichlorobenzene

Concen: 43.558 ng

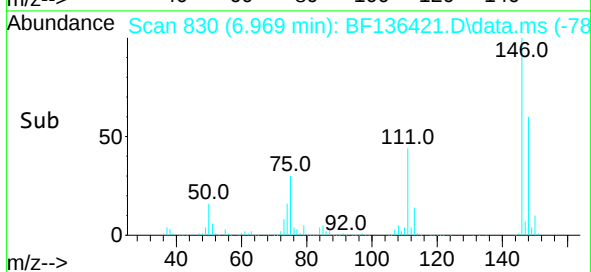
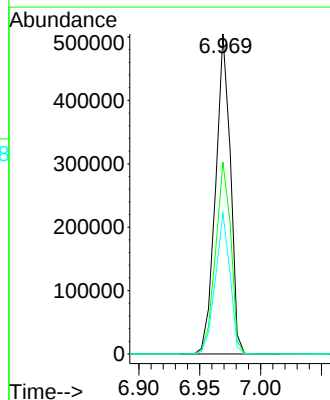
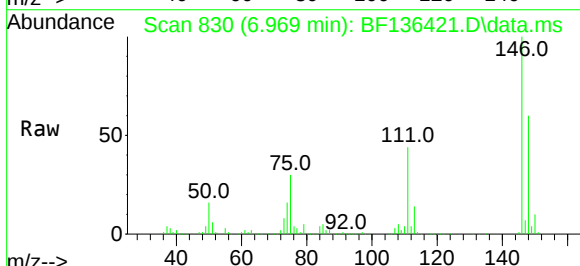
RT: 6.969 min Scan# 830

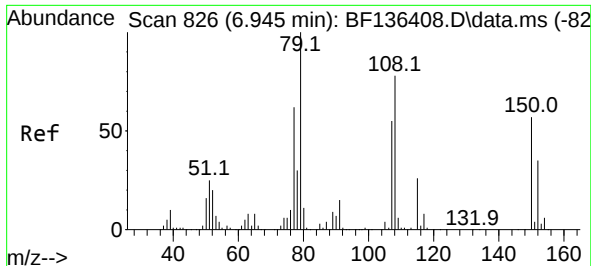
Delta R.T. -0.006 min

Lab File: BF136421.D

Acq: 06 Dec 2023 11:09

Tgt Ion:146 Resp: 424778
 Ion Ratio Lower Upper
 146 100
 148 59.9 49.8 74.6
 111 43.9 34.9 52.3





#15

Benzyl Alcohol

Concen: 45.597 ng

RT: 6.951 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF136421.D

Acq: 06 Dec 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB157498BS

Tgt Ion: 79 Resp: 317214

Ion Ratio Lower Upper

79 100

108 81.1 62.3 93.5

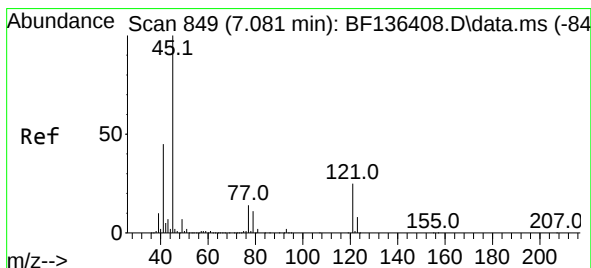
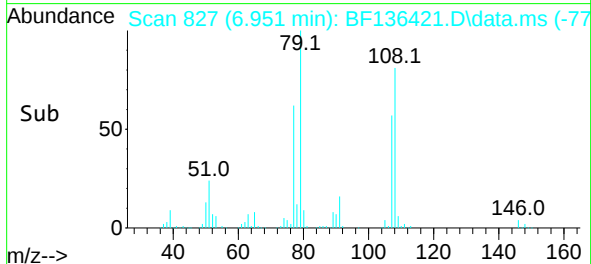
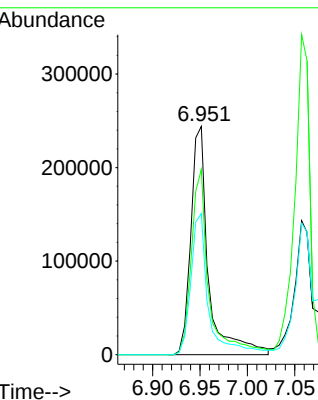
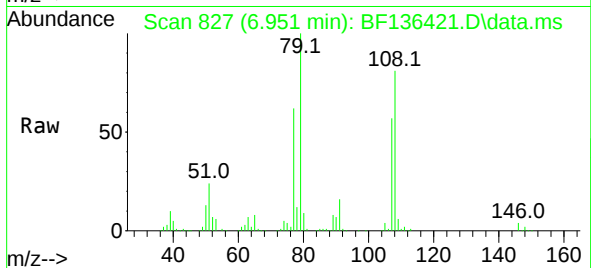
77 61.8 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.418 ng

RT: 7.075 min Scan# 848

Delta R.T. -0.006 min

Lab File: BF136421.D

Acq: 06 Dec 2023 11:09

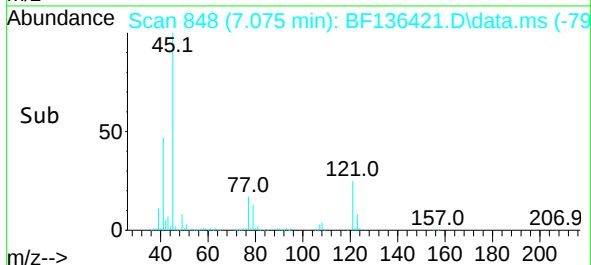
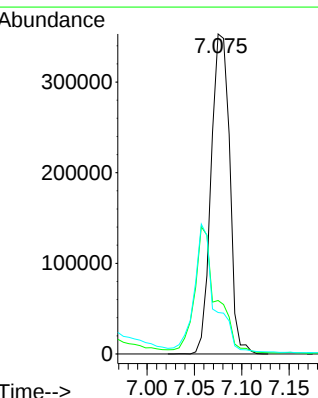
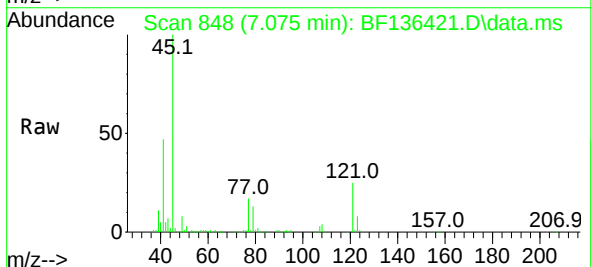
Tgt Ion: 45 Resp: 481342

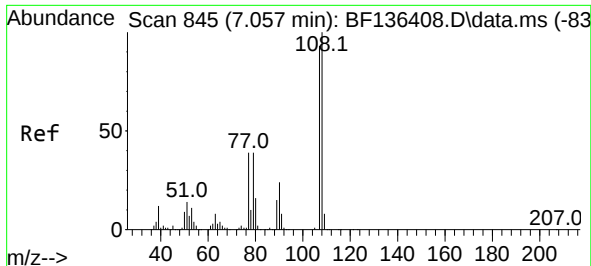
Ion Ratio Lower Upper

45 100

77 16.7 0.0 35.3

79 13.0 0.0 32.5





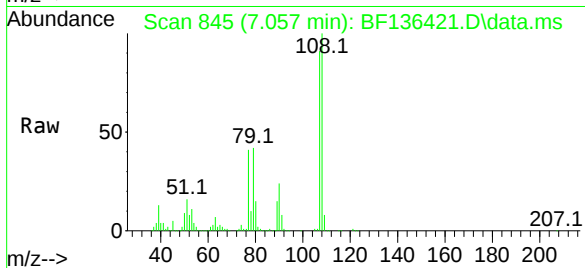
#17
2-Methylphenol
Concen: 44.914 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB157498BS

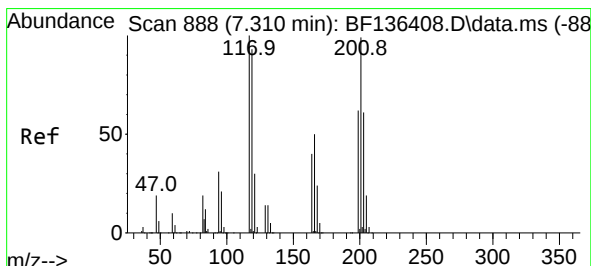
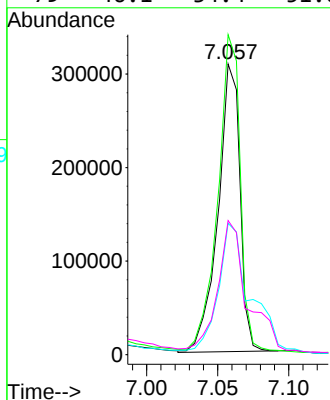
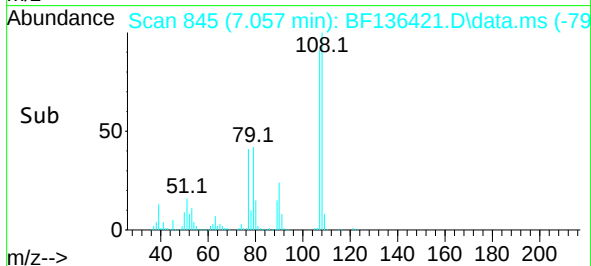


Tgt Ion:107 Resp: 329850
Ion Ratio Lower Upper
107 100
108 110.0 86.5 129.7
77 45.2 33.8 50.8
79 46.1 34.4 51.6

Manual Integrations

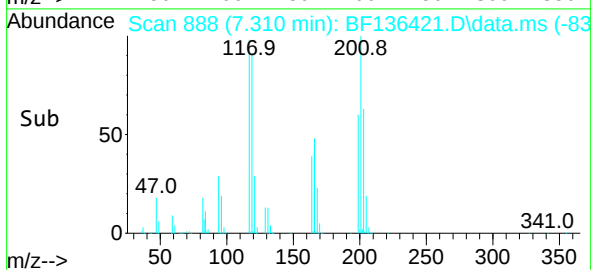
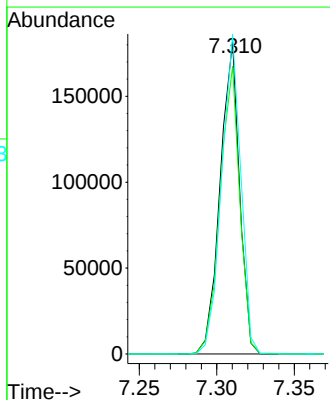
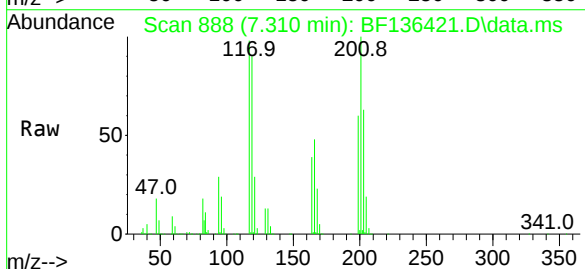
APPROVED

Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#18
Hexachloroethane
Concen: 43.544 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

Tgt Ion:117 Resp: 157658
Ion Ratio Lower Upper
117 100
119 92.2 74.3 111.5
201 102.4 79.3 118.9





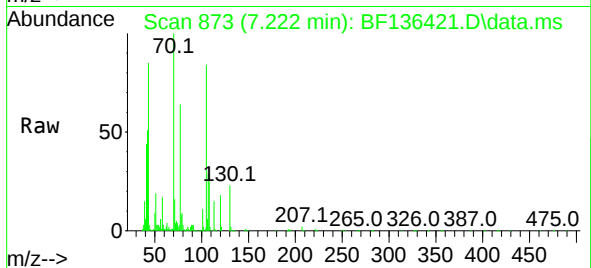
#19
n-Nitroso-di-n-propylamine
Concen: 45.915 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB157498BS



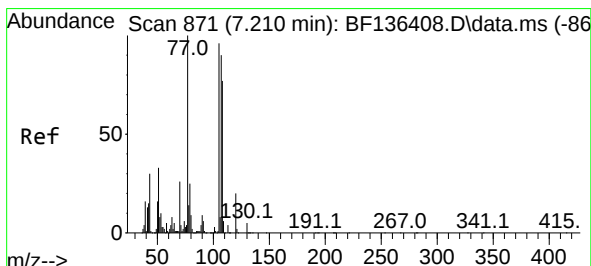
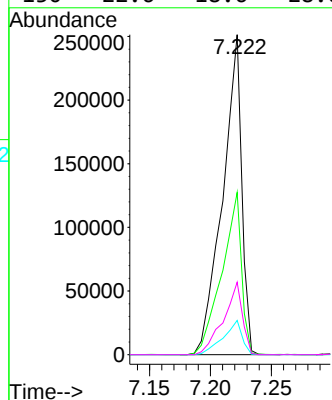
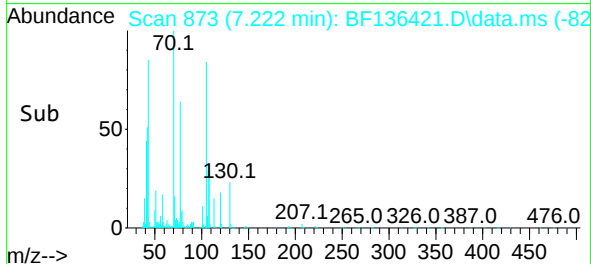
Tgt Ion: 70 Resp: 275169
Ion Ratio Lower Upper
70 100
42 50.7 41.4 62.0
101 10.7 8.2 12.4
130 22.6 18.6 28.0

Manual Integrations

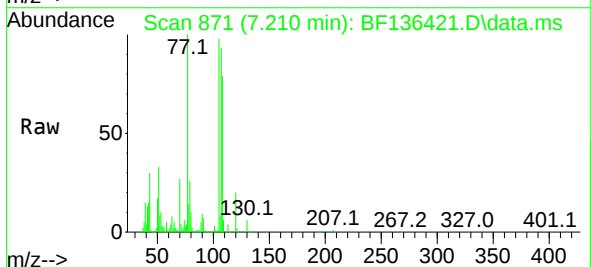
APPROVED

Reviewed By :Yogesh Patel 12/07/2023

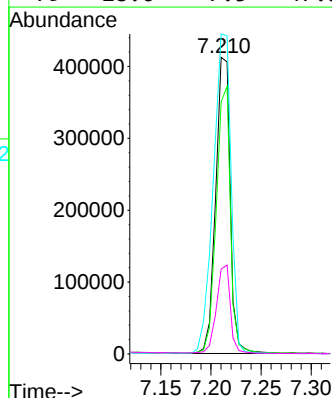
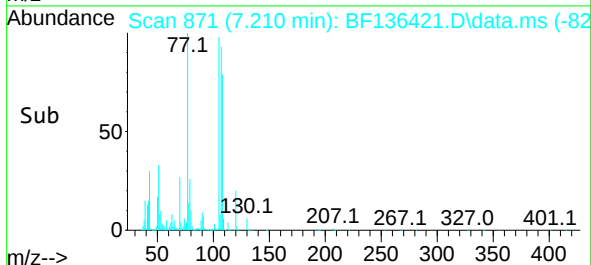
Supervised By :mohammad ahmed 12/07/2023

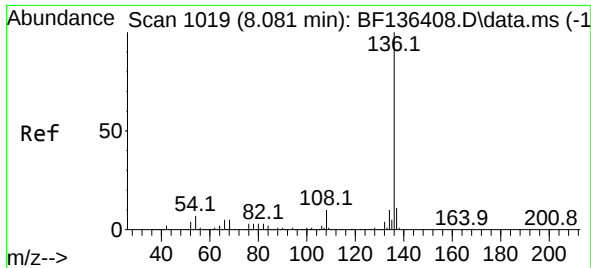


#20
3+4-Methylphenols
Concen: 45.588 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09



Tgt Ion:107 Resp: 415570
Ion Ratio Lower Upper
107 100
108 85.0 65.9 105.9
77 107.9 91.7 131.7
79 28.6 7.5 47.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

Instrument :

BNA_F

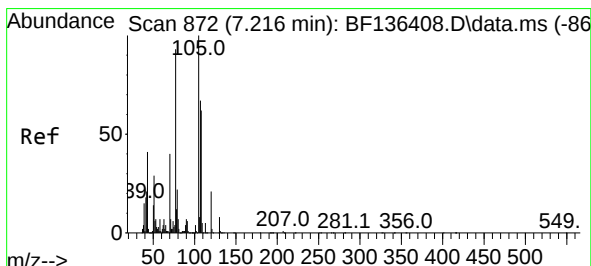
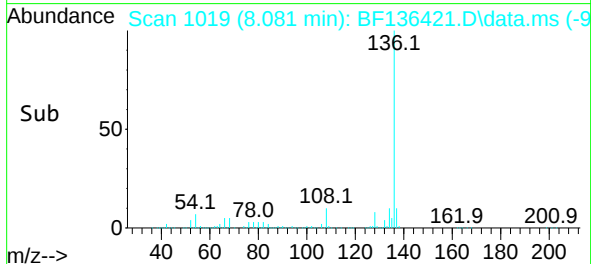
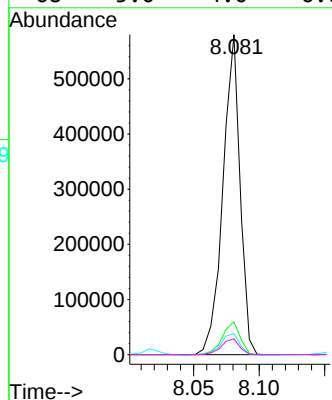
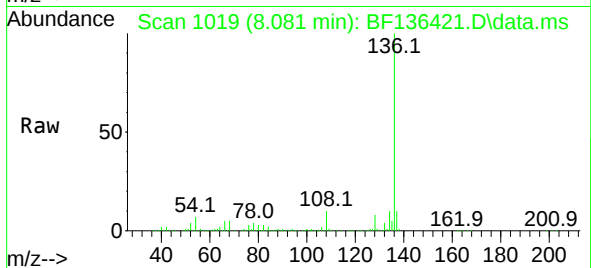
ClientSampleId :

PB157498BS

Tgt Ion:136 Resp: 52458
Ion Ratio Lower Upper
136 100
137 10.3 8.6 12.8
54 6.6 5.7 8.5
68 5.0 4.0 6.0

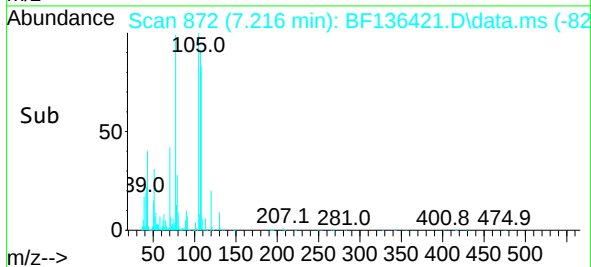
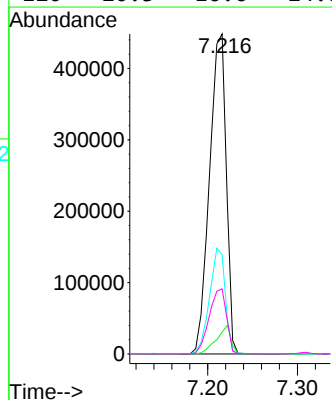
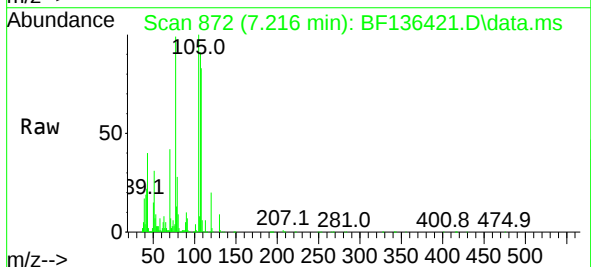
Manual Integrations
APPROVED

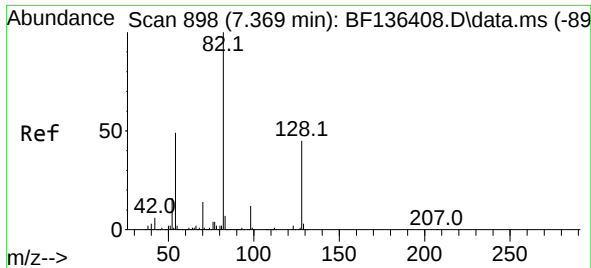
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#22
Acetophenone
Concen: 44.920 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

Tgt Ion:105 Resp: 581892
Ion Ratio Lower Upper
105 100
71 6.8 5.4 8.0
51 31.1 23.4 35.2
120 20.3 16.6 24.8





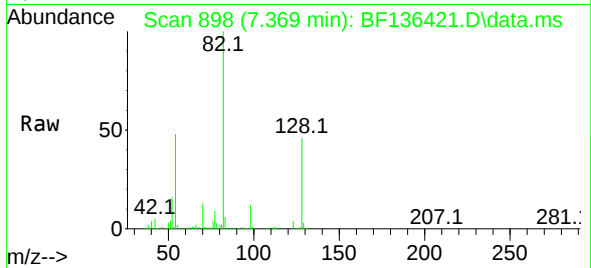
#23
Nitrobenzene-d5
Concen: 84.780 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB157498BS

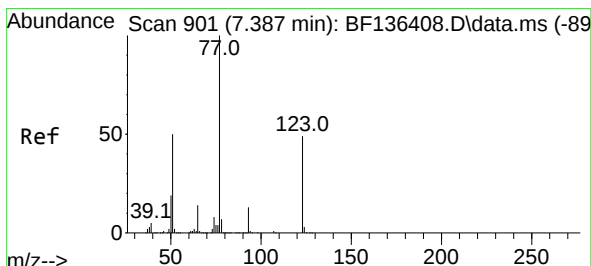
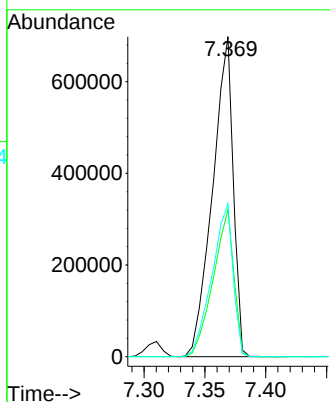
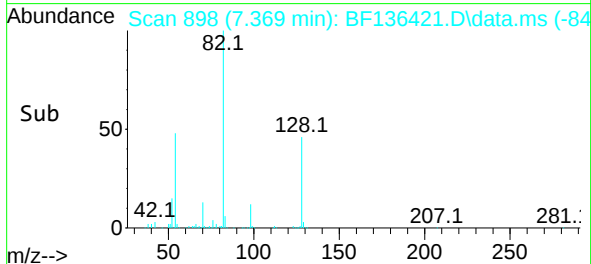


Tgt Ion: 82 Resp: 822679
Ion Ratio Lower Upper
82 100
128 46.0 36.3 54.5
54 47.8 39.0 58.6

Manual Integrations

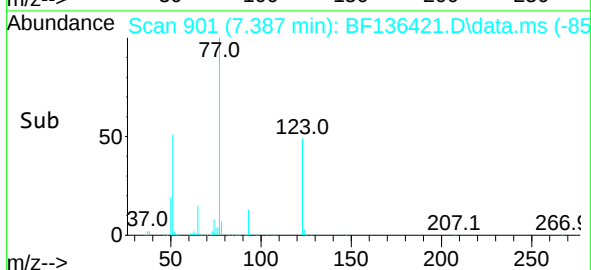
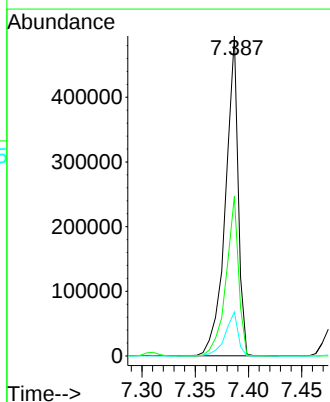
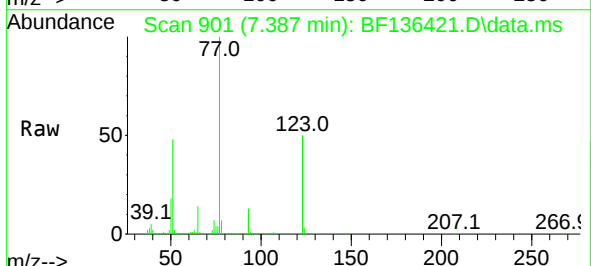
APPROVED

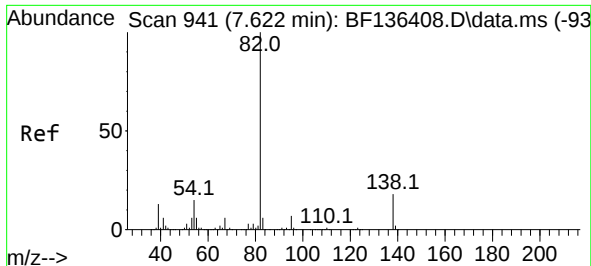
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#24
Nitrobenzene
Concen: 41.771 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

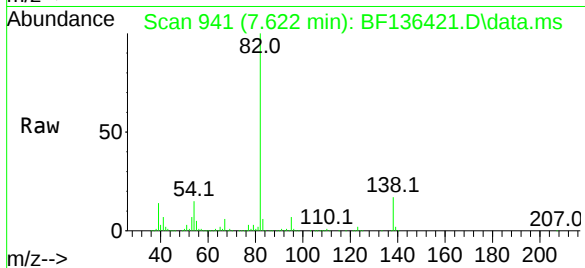
Tgt Ion: 77 Resp: 407752
Ion Ratio Lower Upper
77 100
123 49.9 39.0 58.6
65 13.7 11.3 16.9





#25
Isophorone
Concen: 43.716 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

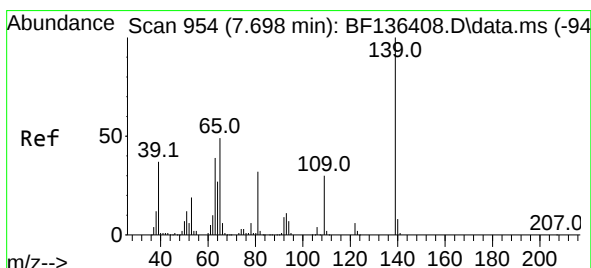
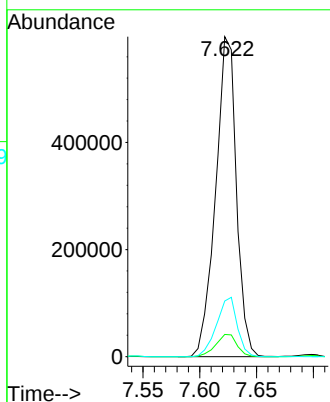
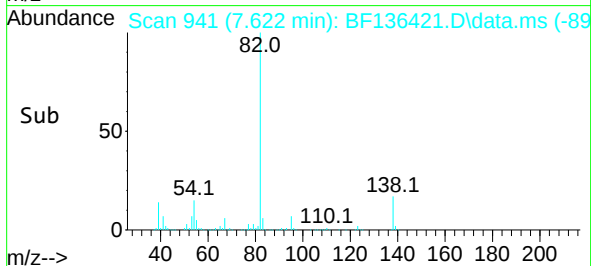
Instrument :
BNA_F
ClientSampleId :
PB157498BS



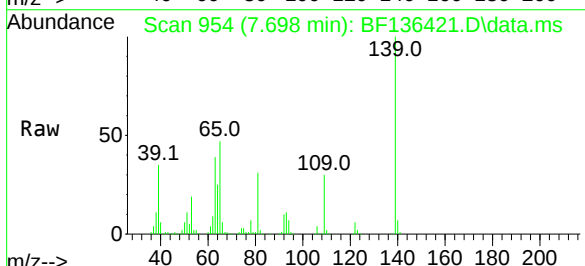
Tgt Ion: 82 Resp: 76212
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 17.4 14.5 21.7

Manual Integrations
APPROVED

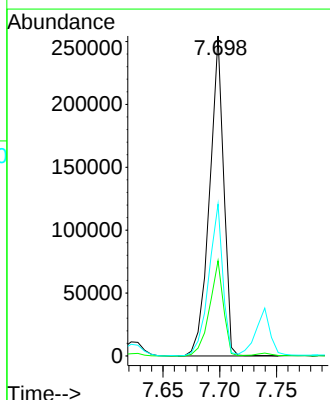
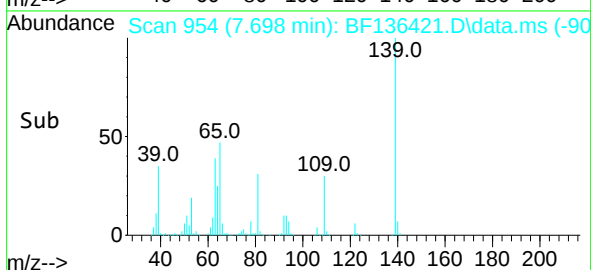
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

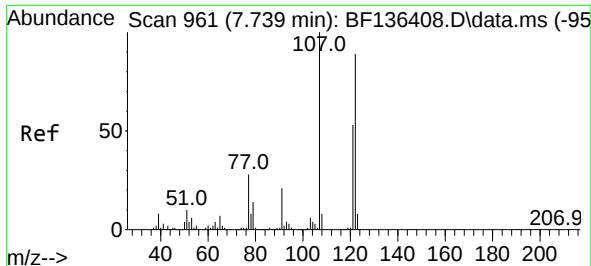


#26
2-Nitrophenol
Concen: 45.887 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09



Tgt Ion:139 Resp: 220210
Ion Ratio Lower Upper
139 100
109 29.7 23.6 35.4
65 47.5 39.4 59.2





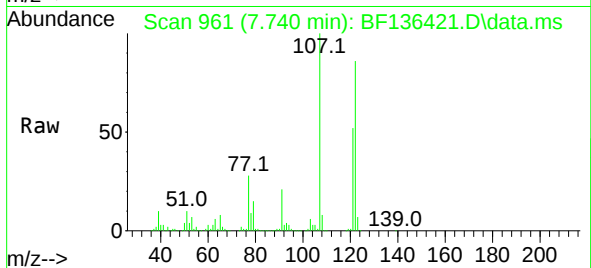
#27
2,4-Dimethylphenol
Concen: 61.862 ng
RT: 7.740 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB157498BS

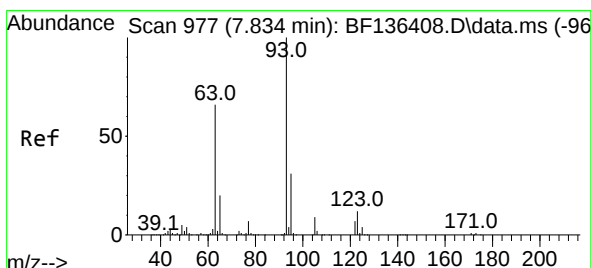
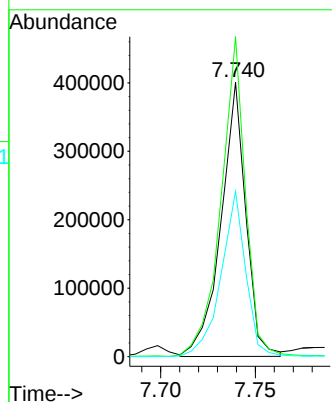
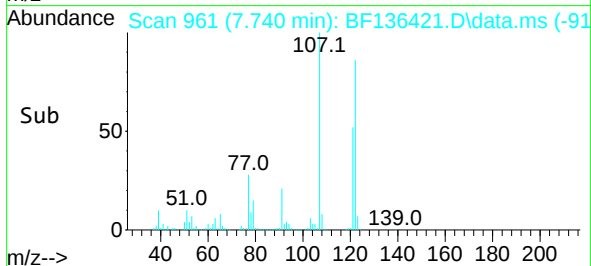


Tgt Ion:122 Resp: 366063
Ion Ratio Lower Upper
122 100
107 116.5 89.3 133.9
121 60.3 47.6 71.4

Manual Integrations

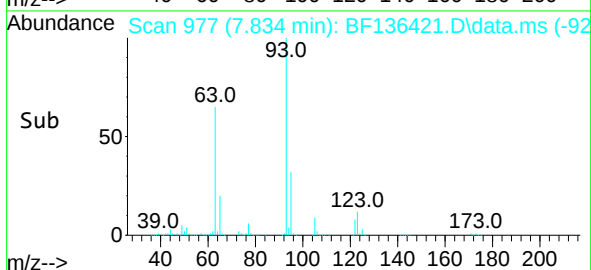
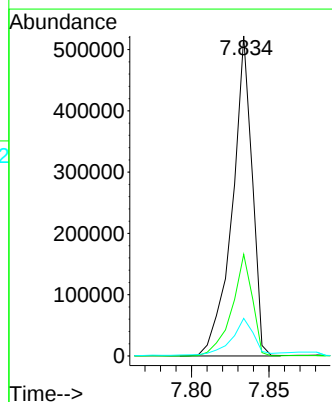
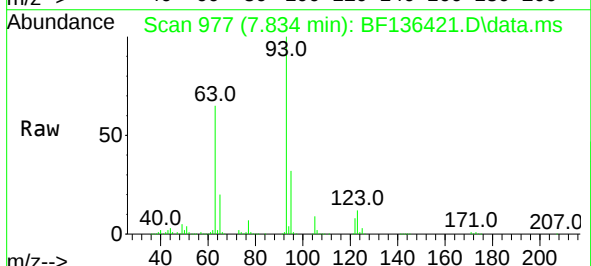
APPROVED

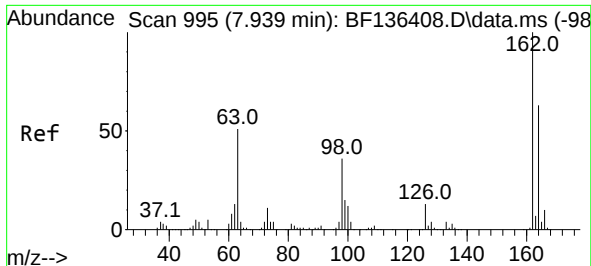
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#28
bis(2-Chloroethoxy)methane
Concen: 43.333 ng
RT: 7.834 min Scan# 977
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

Tgt Ion: 93 Resp: 464205
Ion Ratio Lower Upper
93 100
95 31.8 25.0 37.4
123 11.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 45.155 ng

RT: 7.940 min Scan# 995

Delta R.T. 0.000 min

Lab File: BF136421.D

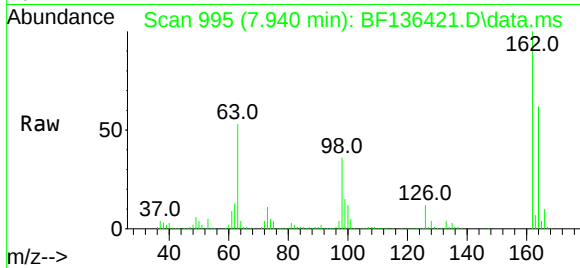
Acq: 06 Dec 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB157498BS



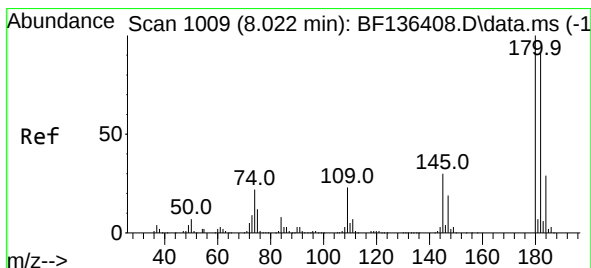
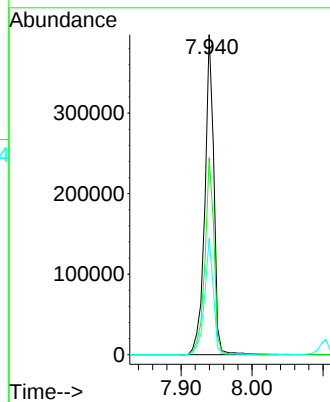
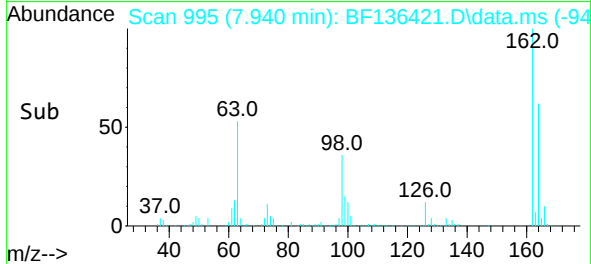
Tgt Ion:	162	Resp:	35269
Ion Ratio	Lower	Upper	
162	100		
164	61.5	43.0	83.0
98	36.4	16.2	56.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.857 ng

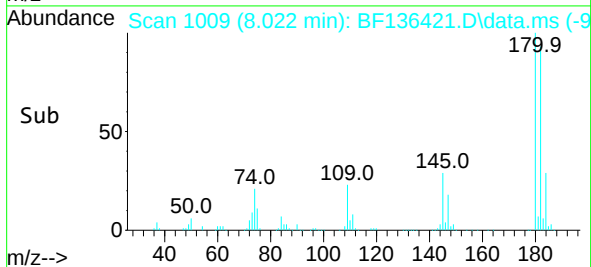
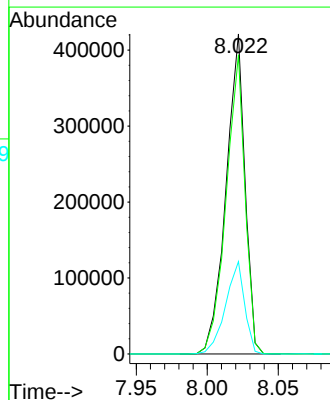
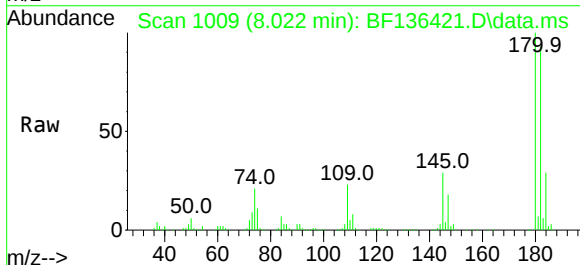
RT: 8.022 min Scan# 1009

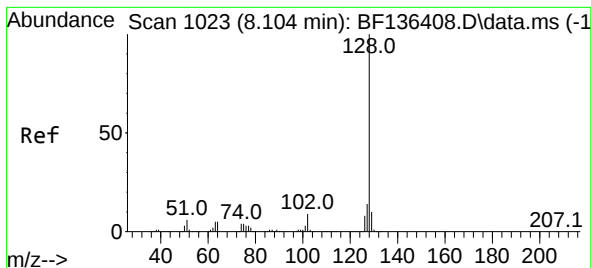
Delta R.T. 0.000 min

Lab File: BF136421.D

Acq: 06 Dec 2023 11:09

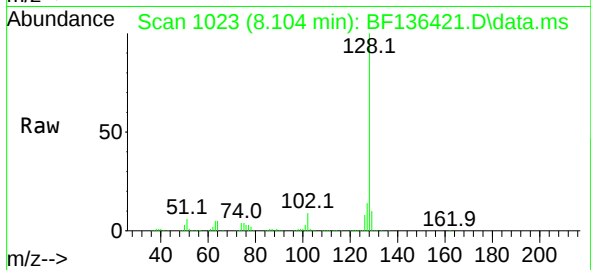
Tgt Ion:	180	Resp:	390333
Ion Ratio	Lower	Upper	
180	100		
182	93.5	73.1	109.7
145	28.9	23.8	35.8





#31
Naphthalene
Concen: 42.935 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

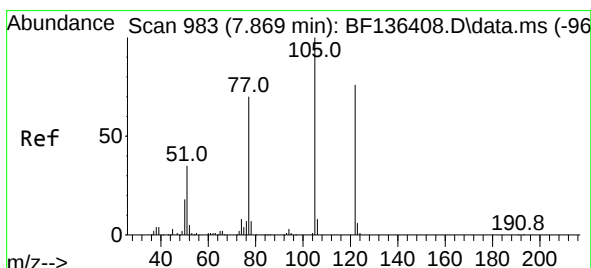
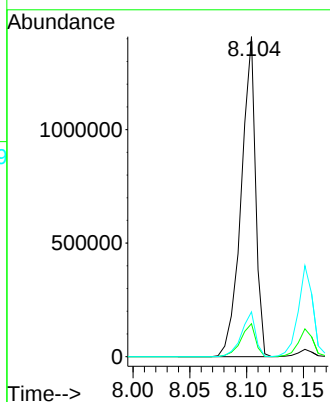
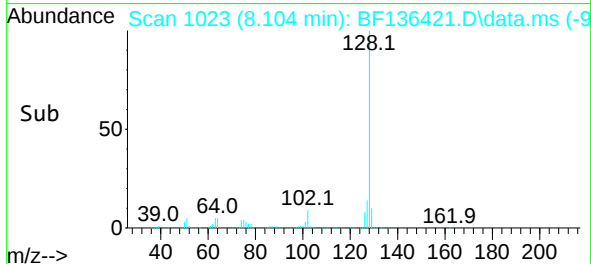
Instrument :
BNA_F
ClientSampleId :
PB157498BS



Tgt Ion:128 Resp: 124205
Ion Ratio Lower Upper
128 100
129 10.3 8.3 12.5
127 14.0 11.1 16.7

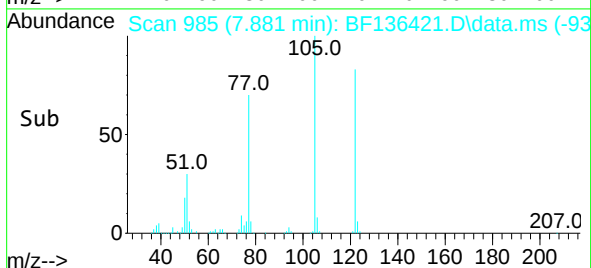
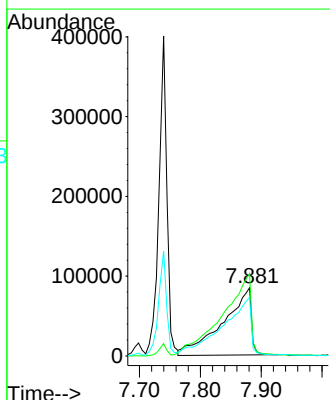
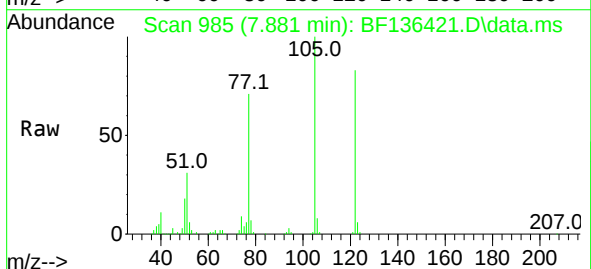
Manual Integrations
APPROVED

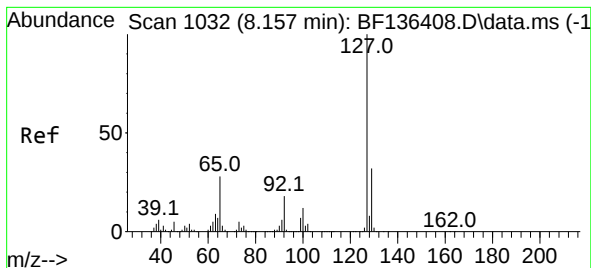
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#32
Benzoic acid
Concen: 46.137 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.012 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

Tgt Ion:122 Resp: 270831
Ion Ratio Lower Upper
122 100
105 120.9 104.7 144.7
77 85.9 68.5 108.5





#33
4-Chloroaniline
Concen: 36.073 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

Instrument :

BNA_F

ClientSampleId :

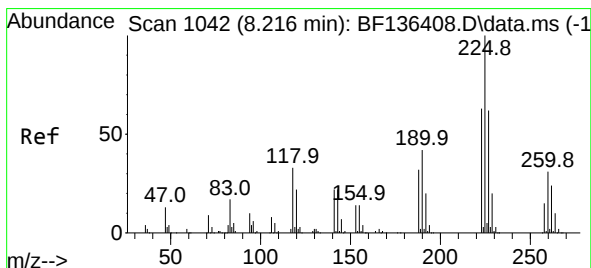
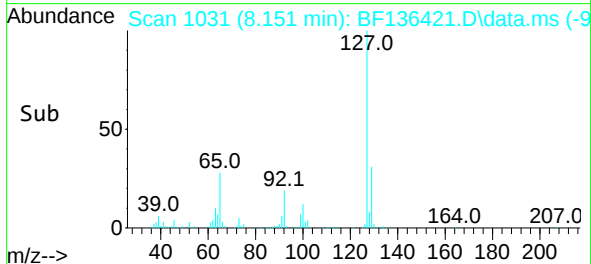
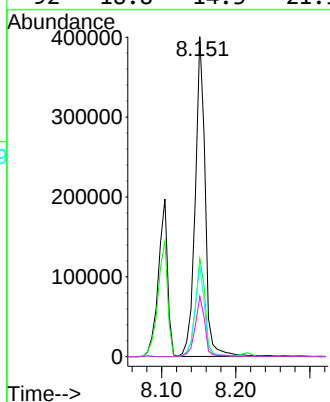
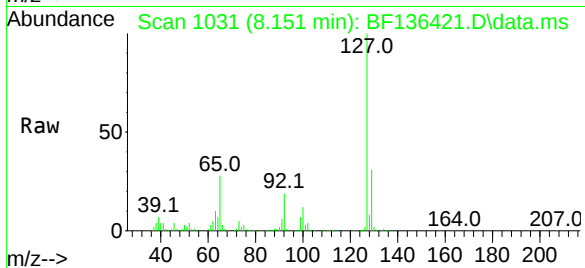
PB157498BS

Tgt Ion:127 Resp: 372034
Ion Ratio Lower Upper
127 100
129 30.6 25.4 38.2
65 28.5 22.5 33.7
92 18.8 14.3 21.5

Manual Integrations

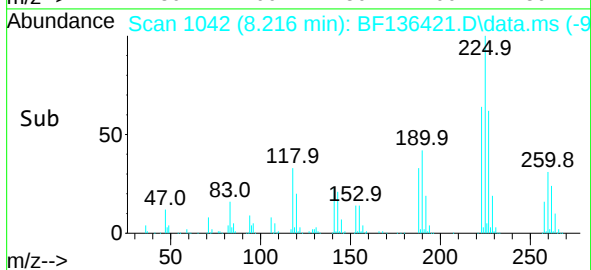
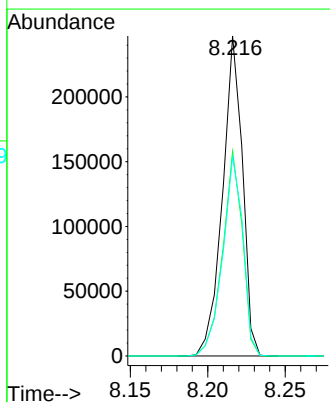
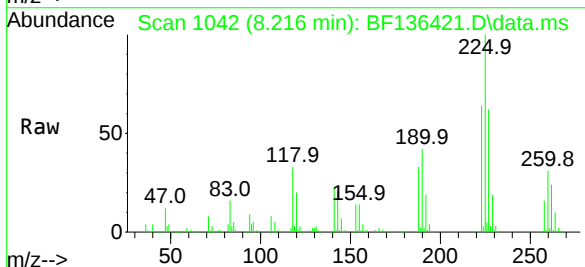
APPROVED

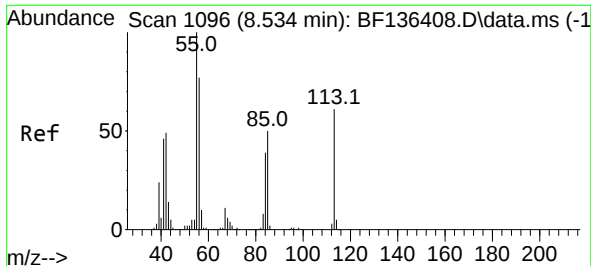
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#34
Hexachlorobutadiene
Concen: 40.928 ng
RT: 8.216 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

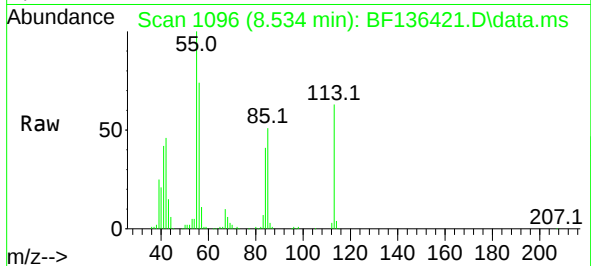
Tgt Ion:225 Resp: 220914
Ion Ratio Lower Upper
225 100
223 63.9 50.8 76.2
227 62.3 49.8 74.8





#35
Caprolactam
Concen: 48.431 ng m
RT: 8.534 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

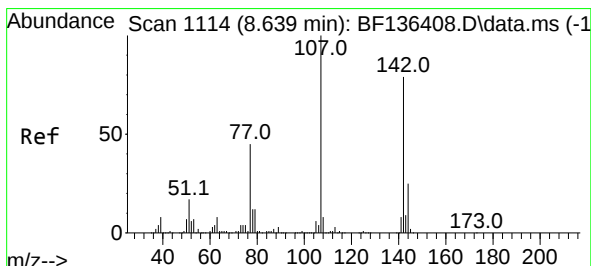
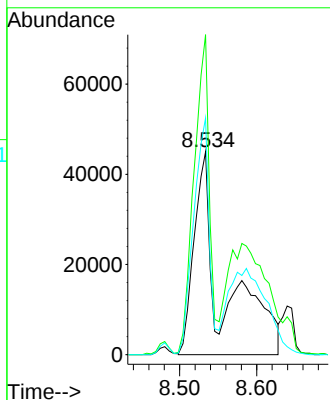
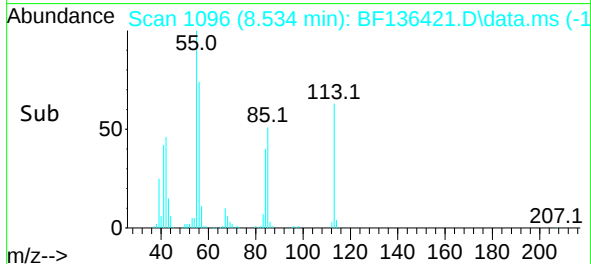
Instrument :
BNA_F
ClientSampleId :
PB157498BS



Tgt Ion:113 Resp: 116498
Ion Ratio Lower Upper
113 100
55 157.7 143.7 183.7
56 116.6 105.2 145.2

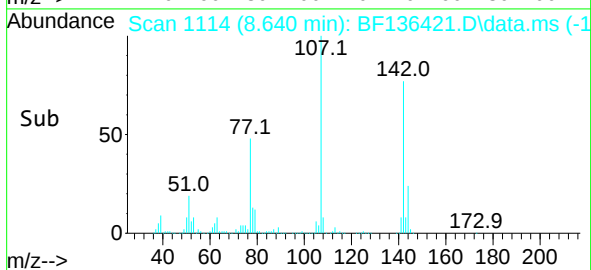
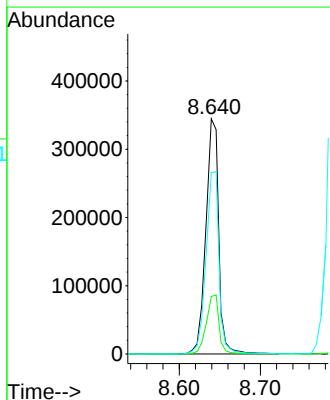
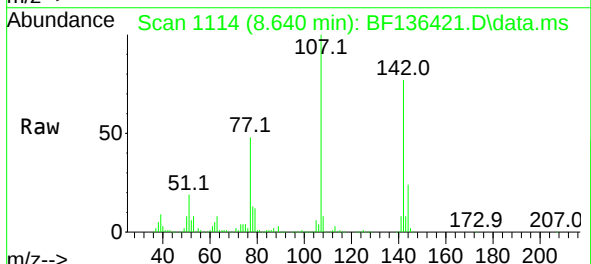
Manual Integrations
APPROVED

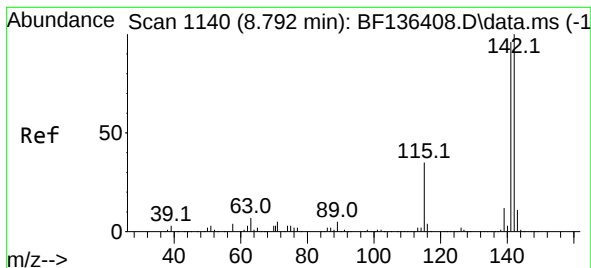
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#36
4-Chloro-3-methylphenol
Concen: 45.631 ng
RT: 8.640 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

Tgt Ion:107 Resp: 378433
Ion Ratio Lower Upper
107 100
144 24.4 20.1 30.1
142 77.1 63.1 94.7





#37

2-Methylnaphthalene

Concen: 43.273 ng

RT: 8.792 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BF136421.D

Acq: 06 Dec 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB157498BS

Tgt Ion:142 Resp: 796400

Ion Ratio Lower Upper

142 100

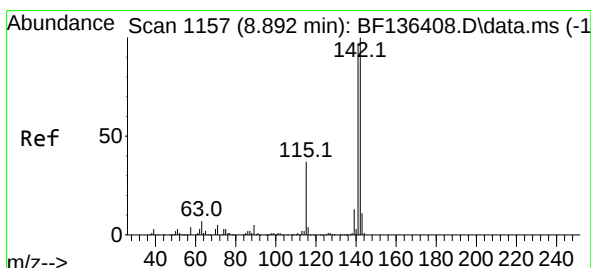
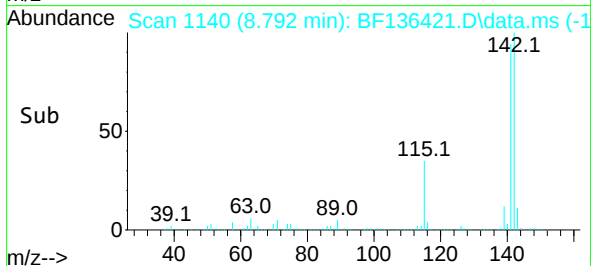
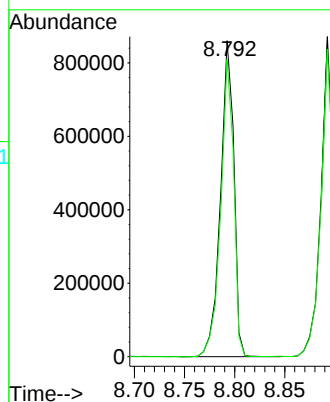
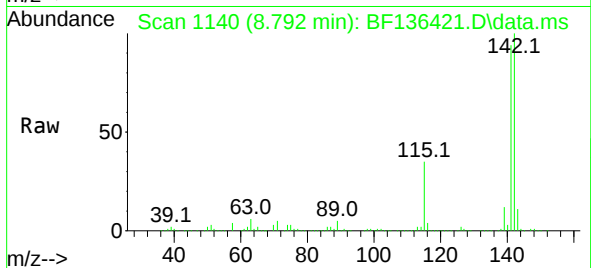
141 94.1 76.4 114.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#38

1-Methylnaphthalene

Concen: 41.147 ng

RT: 8.892 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BF136421.D

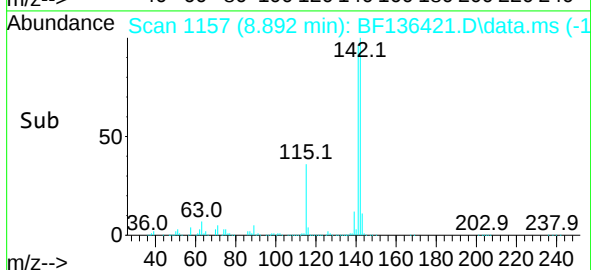
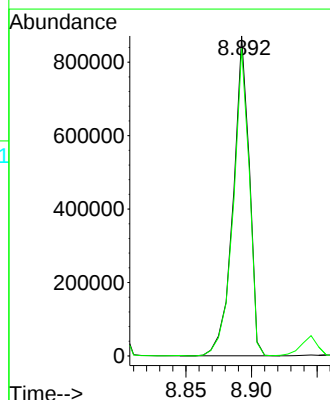
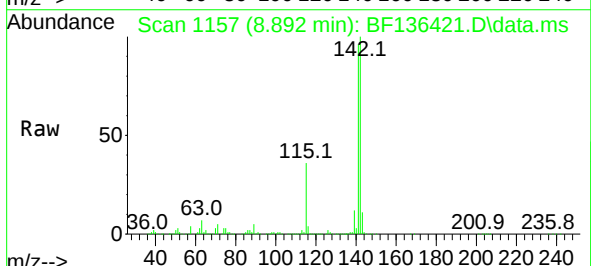
Acq: 06 Dec 2023 11:09

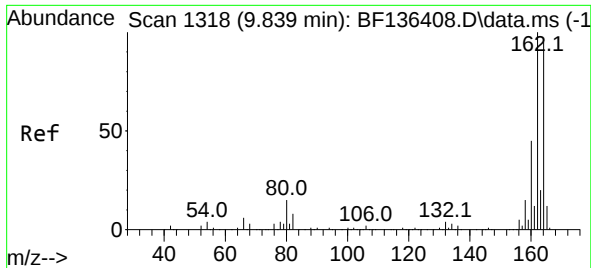
Tgt Ion:142 Resp: 743100

Ion Ratio Lower Upper

142 100

141 96.1 77.7 116.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF136421.D

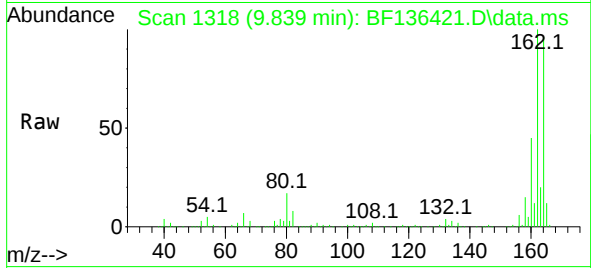
Acq: 06 Dec 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB157498BS



Tgt Ion:164 Resp: 278000

Ion Ratio Lower Upper

164 100

162 104.7 84.4 126.6

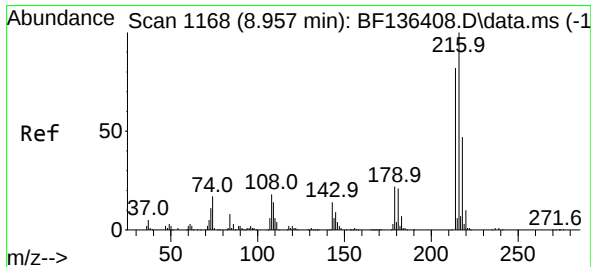
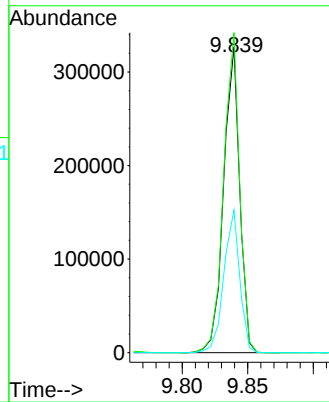
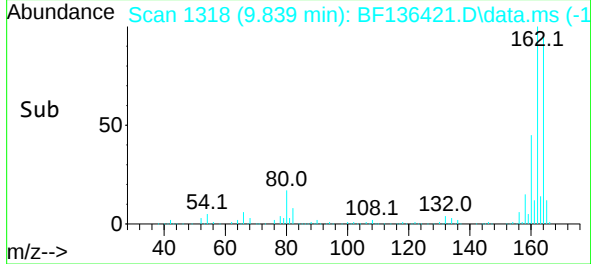
160 46.7 37.6 56.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.132 ng

RT: 8.963 min Scan# 1169

Delta R.T. 0.006 min

Lab File: BF136421.D

Acq: 06 Dec 2023 11:09

Tgt Ion:216 Resp: 381707

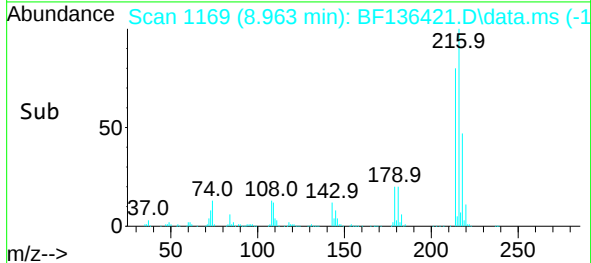
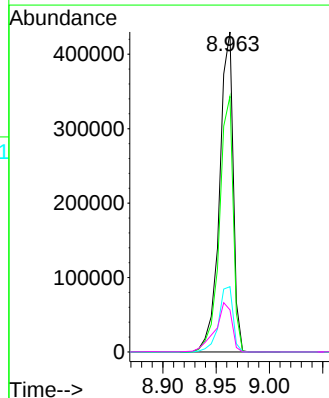
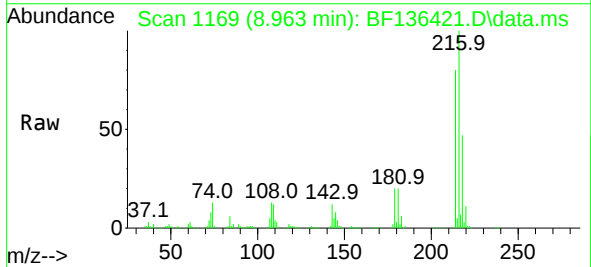
Ion Ratio Lower Upper

216 100

214 80.3 64.1 96.1

179 21.3 17.0 25.6

108 18.9 14.1 21.1





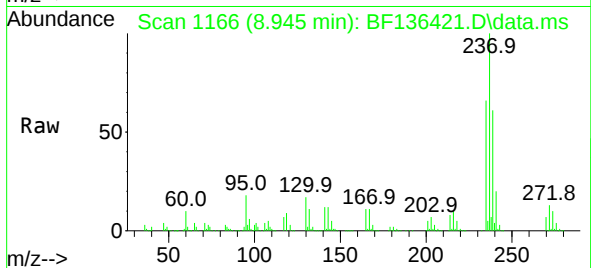
#41
Hexachlorocyclopentadiene
Concen: 128.636 ng
RT: 8.945 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB157498BS

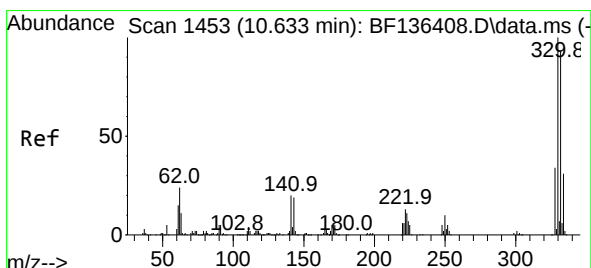
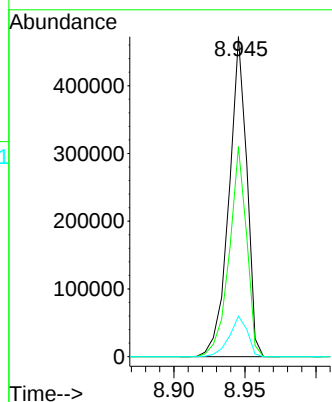
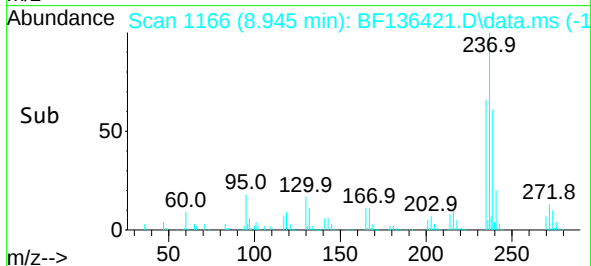


Tgt Ion:237 Resp: 412188
Ion Ratio Lower Upper
237 100
235 65.6 44.1 84.1
272 12.6 0.0 33.3

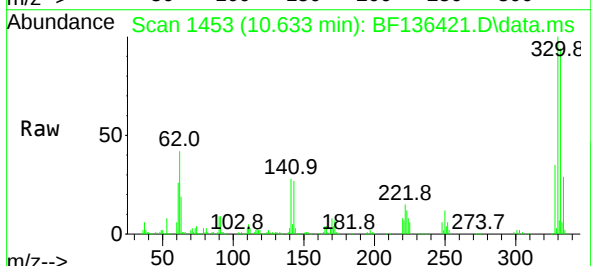
Manual Integrations

APPROVED

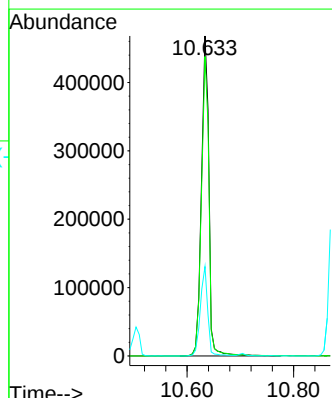
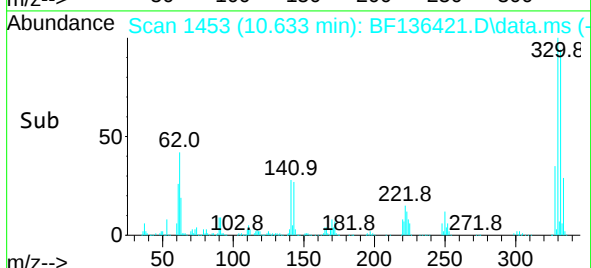
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

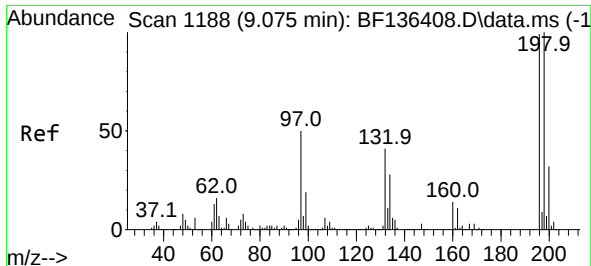


#42
2,4,6-Tribromophenol
Concen: 132.960 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09



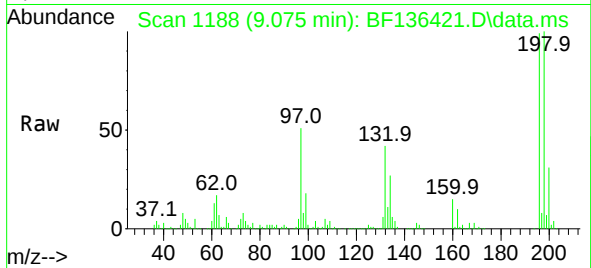
Tgt Ion:330 Resp: 455764
Ion Ratio Lower Upper
330 100
332 94.4 76.4 114.6
141 27.6 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 44.117 ng
RT: 9.075 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

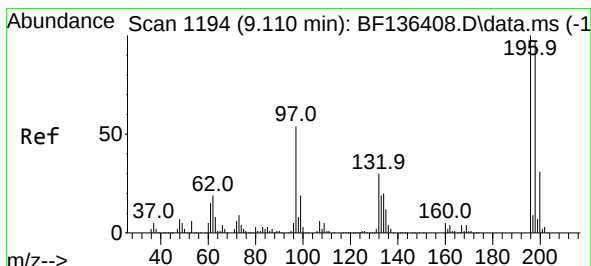
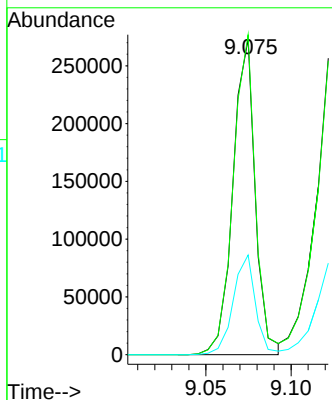
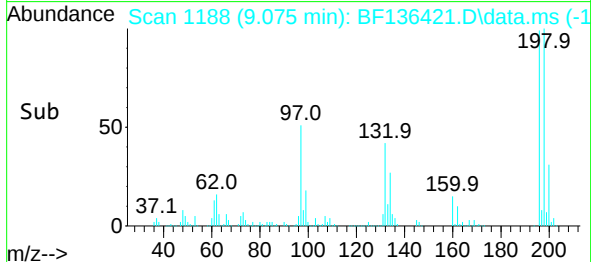
Instrument :
BNA_F
ClientSampleId :
PB157498BS



Tgt Ion:196 Resp: 24845
Ion Ratio Lower Upper
196 100
198 101.5 80.4 120.6
200 31.6 25.9 38.9

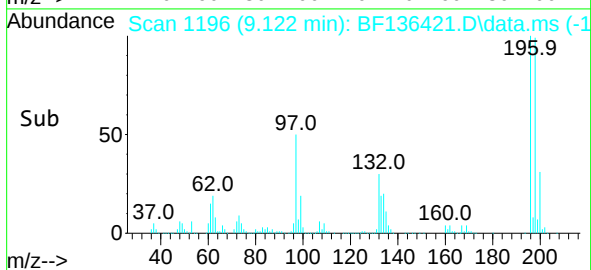
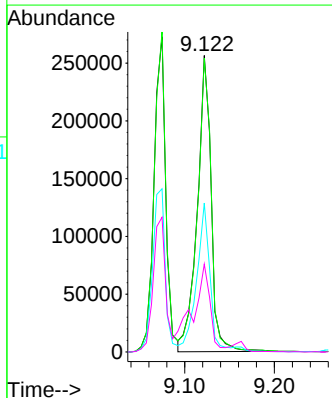
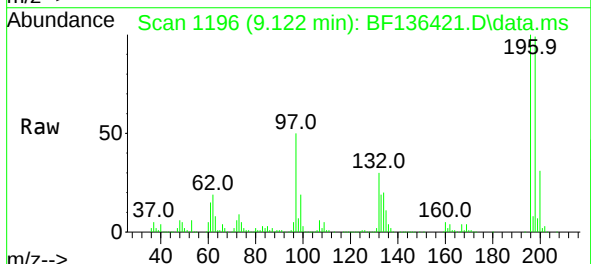
Manual Integrations
APPROVED

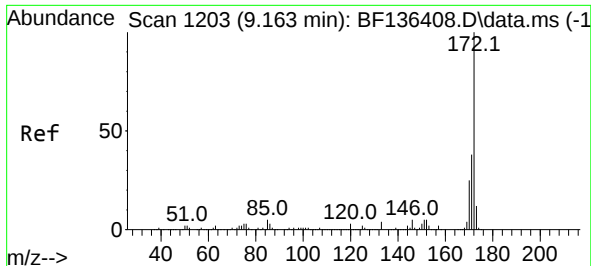
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#44
2,4,5-Trichlorophenol
Concen: 43.834 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.012 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

Tgt Ion:196 Resp: 275521
Ion Ratio Lower Upper
196 100
198 99.1 78.1 117.1
97 50.2 43.4 65.2
132 29.6 24.2 36.4





#45

2-Fluorobiphenyl

Concen: 82.455 ng

RT: 9.163 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF136421.D

Acq: 06 Dec 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB157498BS

Tgt Ion:172 Resp: 167996

Ion Ratio Lower Upper

172 100

171 38.4 30.5 45.7

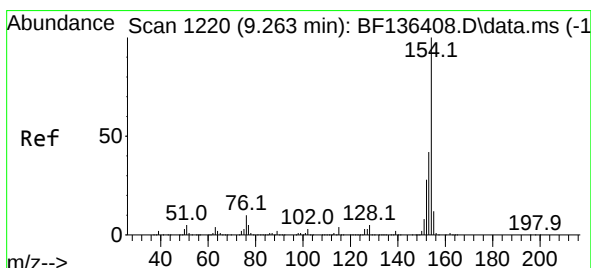
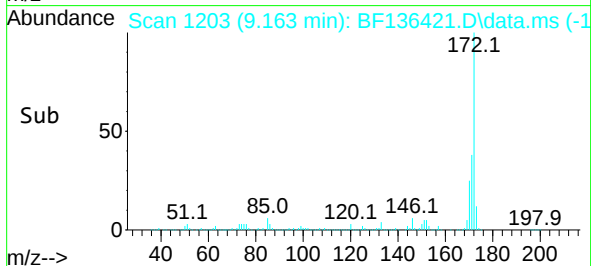
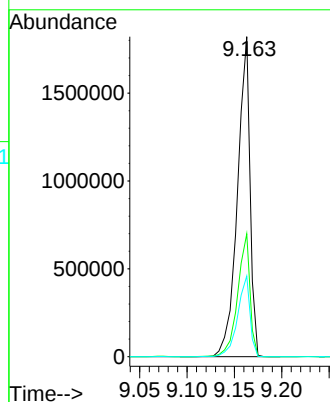
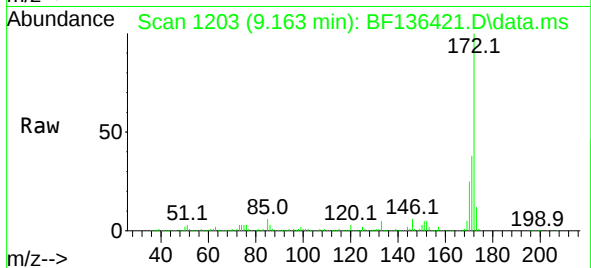
170 25.2 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#46

1,1'-Biphenyl

Concen: 43.500 ng

RT: 9.263 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF136421.D

Acq: 06 Dec 2023 11:09

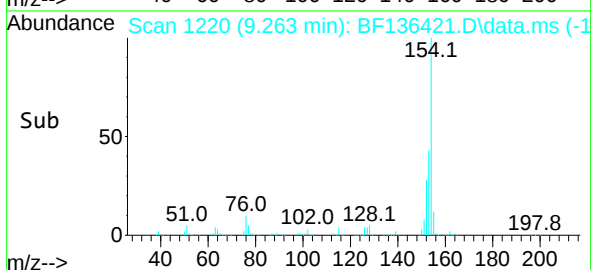
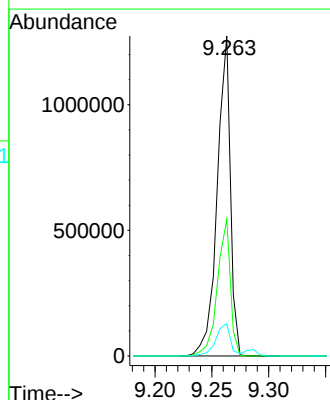
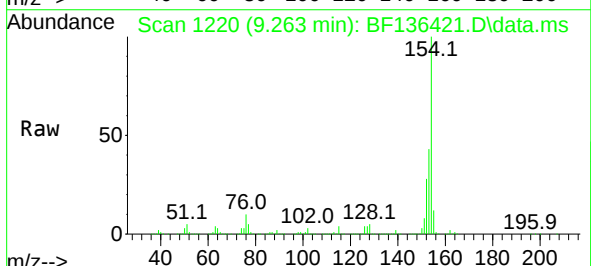
Tgt Ion:154 Resp: 1029007

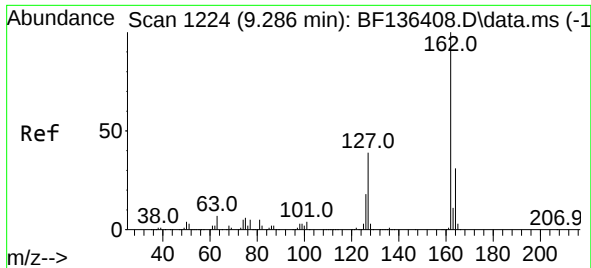
Ion Ratio Lower Upper

154 100

153 42.6 22.5 62.5

76 10.2 0.0 29.9





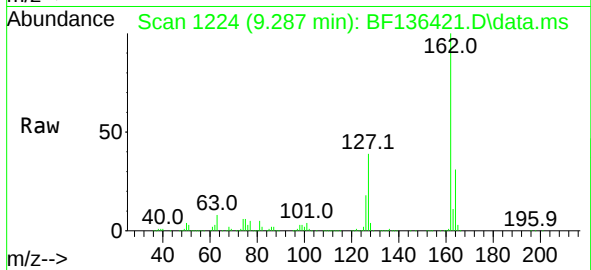
#47
2-Chloronaphthalene
Concen: 42.159 ng
RT: 9.287 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB157498BS

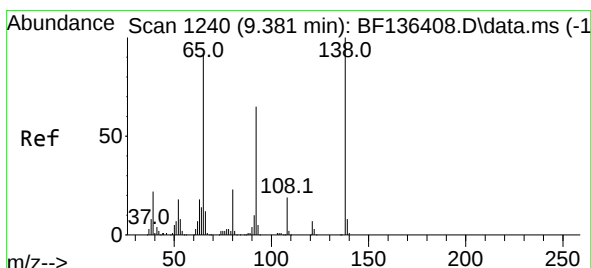
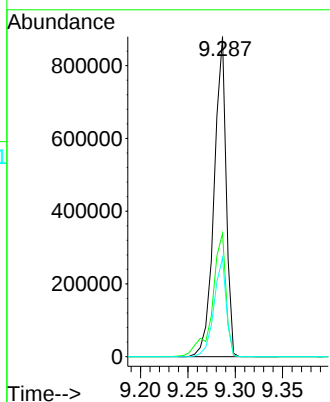
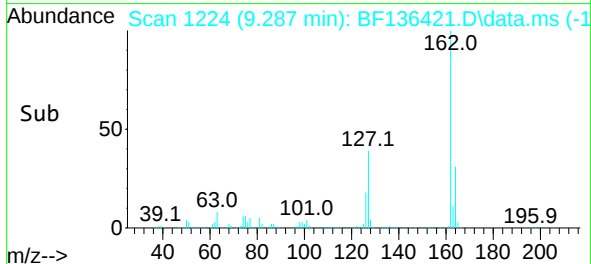


Tgt Ion:162 Resp: 776220
Ion Ratio Lower Upper
162 100
127 38.6 31.1 46.7
164 30.9 24.6 37.0

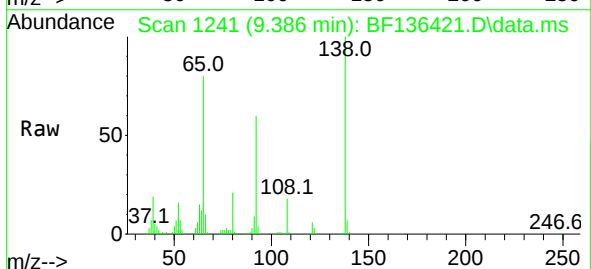
Manual Integrations

APPROVED

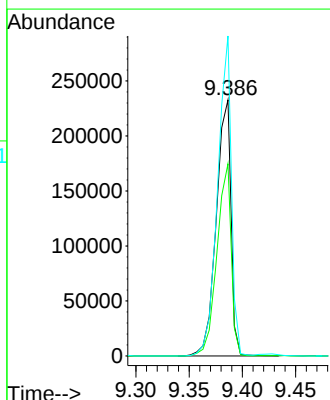
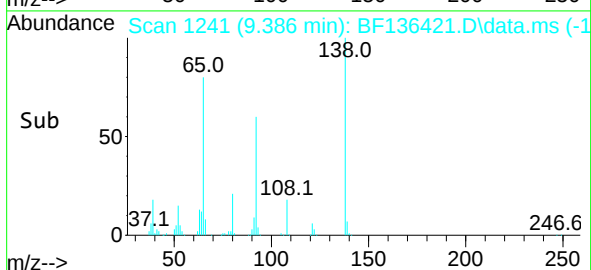
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

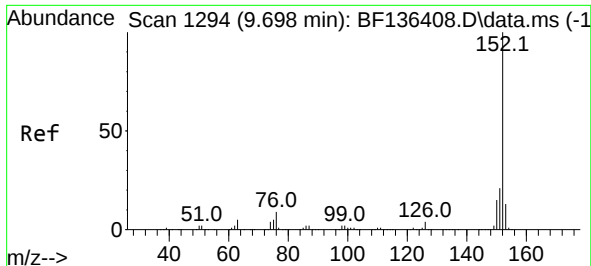


#48
2-Nitroaniline
Concen: 45.353 ng
RT: 9.386 min Scan# 1241
Delta R.T. 0.006 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09



Tgt Ion: 65 Resp: 223953
Ion Ratio Lower Upper
65 100
92 75.0 56.1 84.1
138 125.0 86.7 130.1





#49

Acenaphthylene

Concen: 44.904 ng

RT: 9.698 min Scan# 1294

Delta R.T. 0.000 min

Lab File: BF136421.D

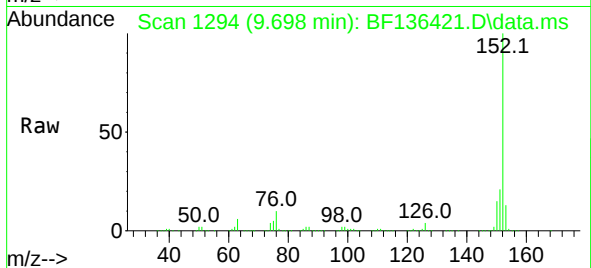
Acq: 06 Dec 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB157498BS



Tgt Ion:152 Resp: 1177720

Ion Ratio Lower Upper

152 100

151 21.0 17.2 25.8

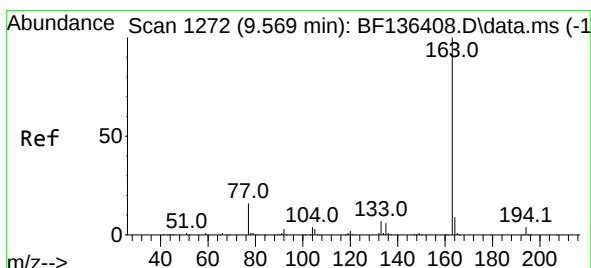
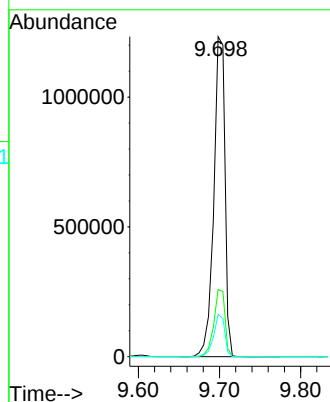
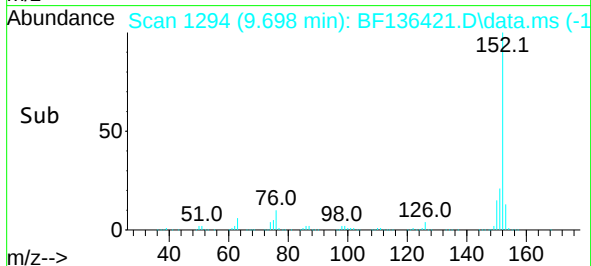
153 13.2 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#50

Dimethylphthalate

Concen: 44.424 ng

RT: 9.569 min Scan# 1272

Delta R.T. 0.000 min

Lab File: BF136421.D

Acq: 06 Dec 2023 11:09

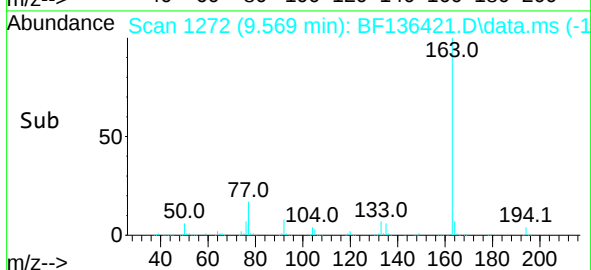
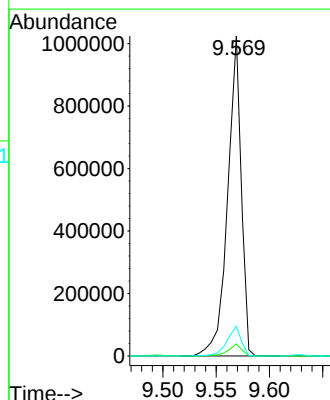
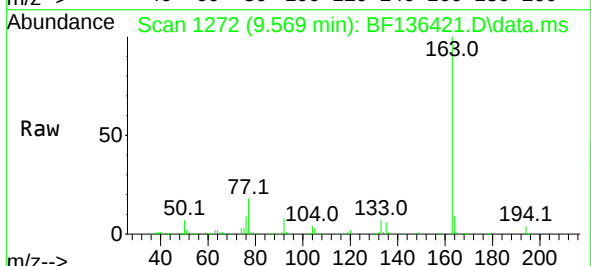
Tgt Ion:163 Resp: 909266

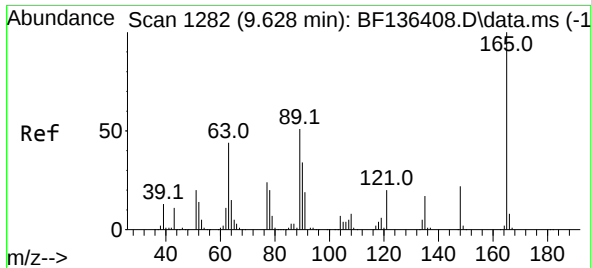
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 9.3 7.4 11.2





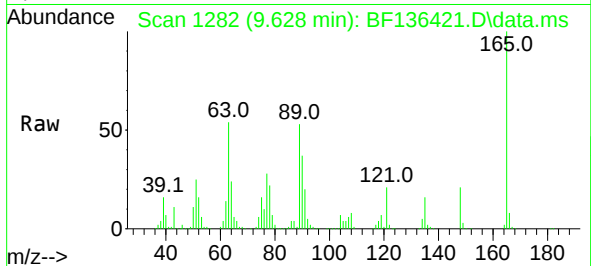
#51
2,6-Dinitrotoluene
Concen: 44.064 ng
RT: 9.628 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB157498BS

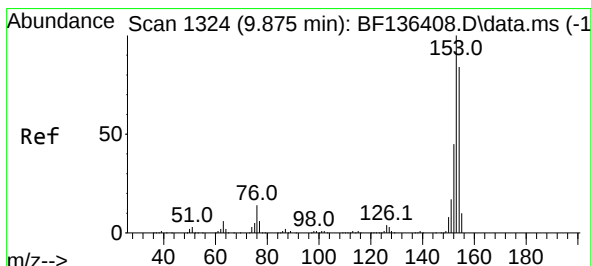
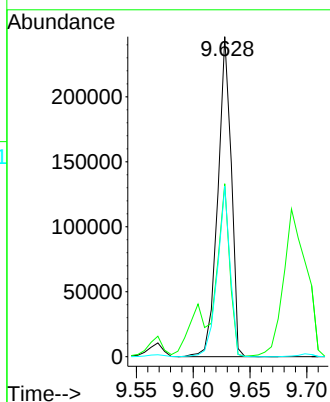
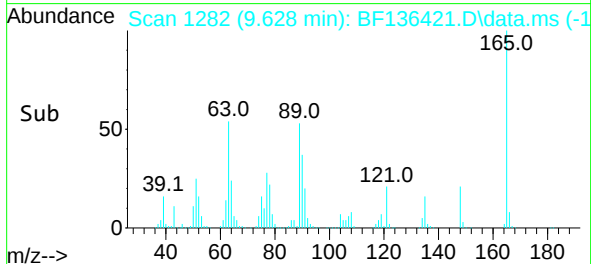


Tgt Ion:165 Resp: 202900
Ion Ratio Lower Upper
165 100
63 54.0 40.4 60.6
89 53.2 40.6 60.8

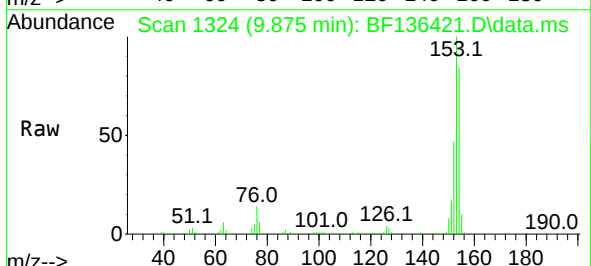
Manual Integrations

APPROVED

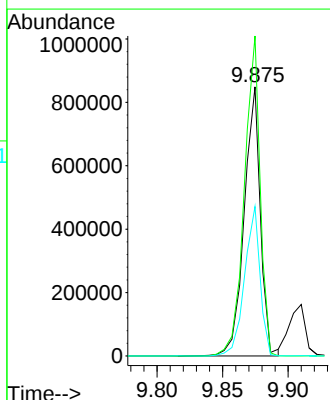
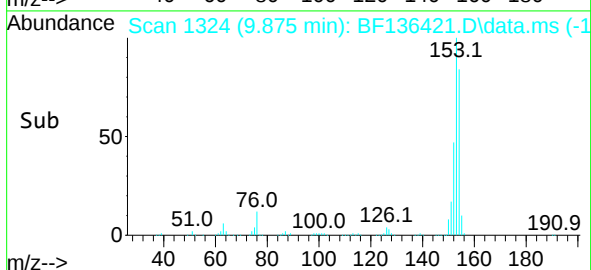
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

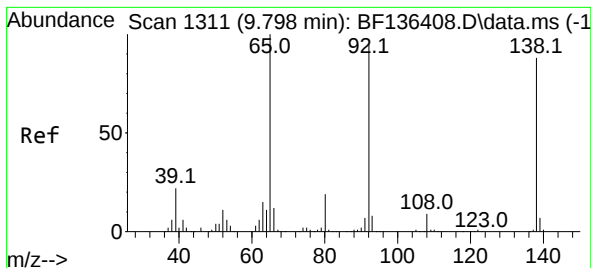


#52
Acenaphthene
Concen: 43.257 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09



Tgt Ion:154 Resp: 727020
Ion Ratio Lower Upper
154 100
153 118.9 95.3 142.9
152 55.5 43.2 64.8





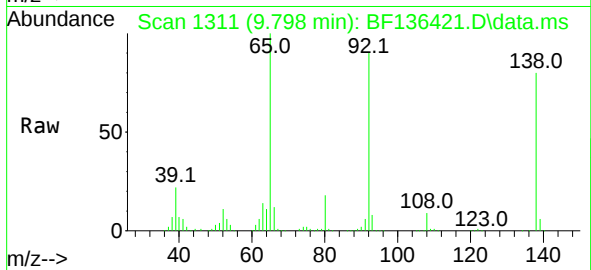
#53
3-Nitroaniline
Concen: 39.093 ng
RT: 9.798 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

Instrument :

BNA_F

ClientSampleId :

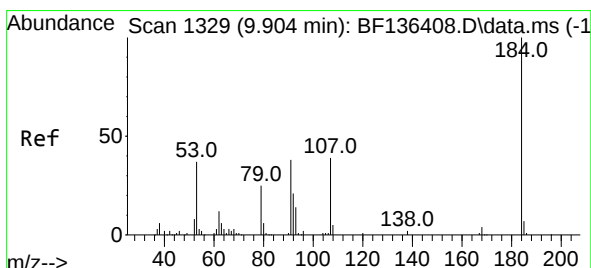
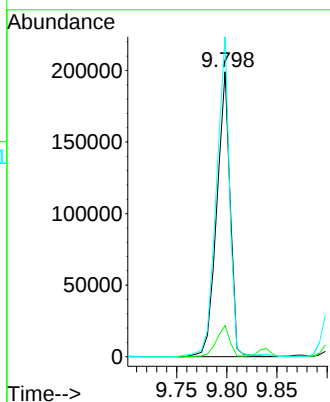
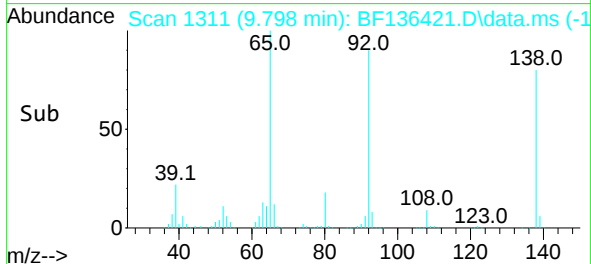
PB157498BS



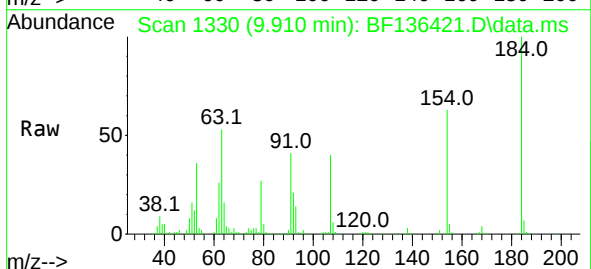
Tgt Ion:138 Resp: 183820
Ion Ratio Lower Upper
138 100
108 11.0 8.5 12.7
92 112.3 86.1 129.1

Manual Integrations
APPROVED

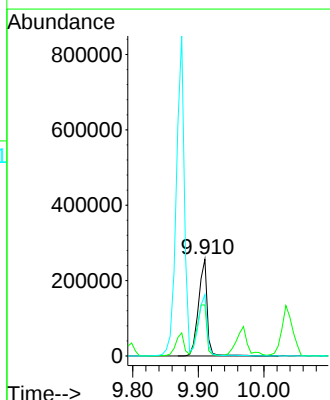
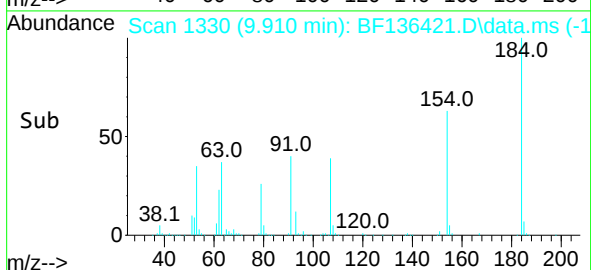
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

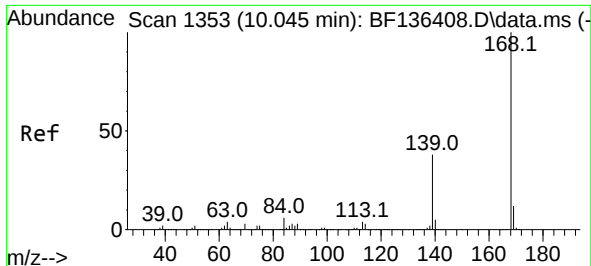


#54
2,4-Dinitrophenol
Concen: 102.491 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09



Tgt Ion:184 Resp: 238610
Ion Ratio Lower Upper
184 100
63 52.8 39.1 58.7
154 63.5 49.9 74.9





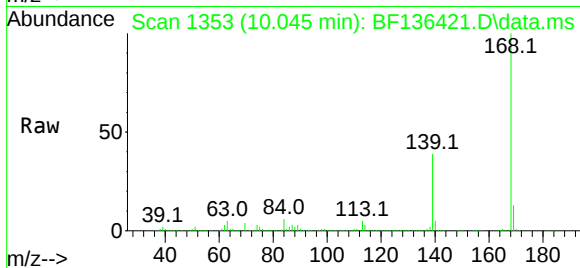
#55
Dibenzenofuran
Concen: 43.742 ng
RT: 10.045 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB157498BS



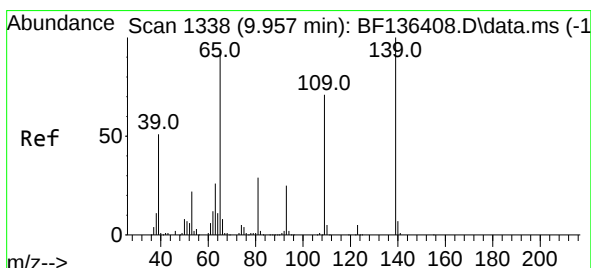
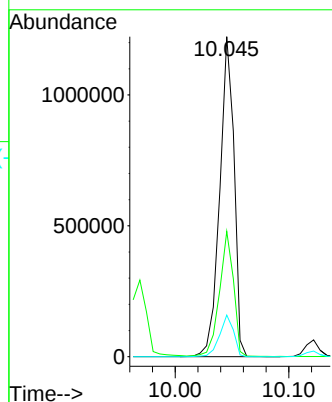
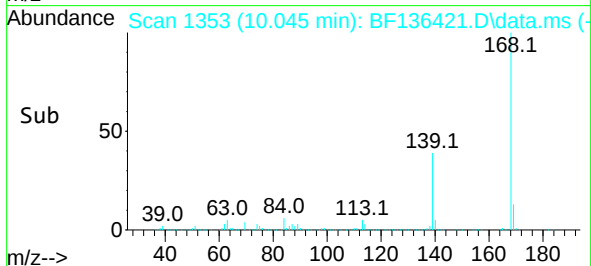
Tgt Ion:168 Resp: 1074002
Ion Ratio Lower Upper
168 100
139 39.2 30.4 45.6
169 13.0 9.9 14.9

Manual Integrations

APPROVED

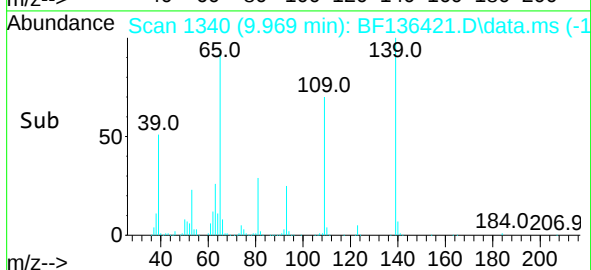
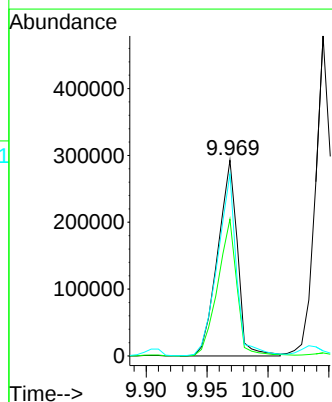
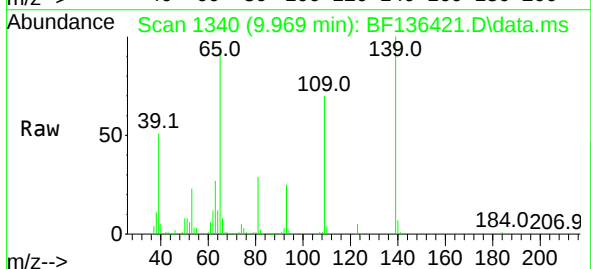
Reviewed By :Yogesh Patel 12/07/2023

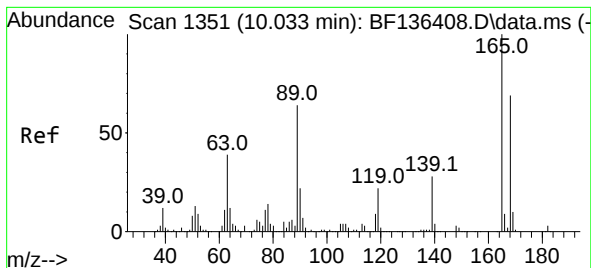
Supervised By :mohammad ahmed 12/07/2023



#56
4-Nitrophenol
Concen: 93.599 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

Tgt Ion:139 Resp: 329932
Ion Ratio Lower Upper
139 100
109 70.0 50.6 90.6
65 93.0 73.1 113.1





#57
2,4-Dinitrotoluene
Concen: 44.517 ng
RT: 10.034 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

Instrument :

BNA_F

ClientSampleId :

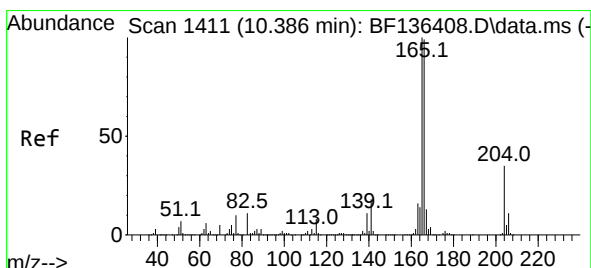
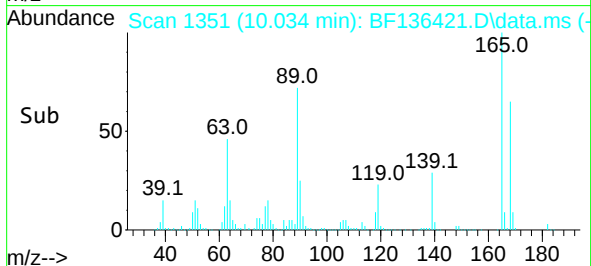
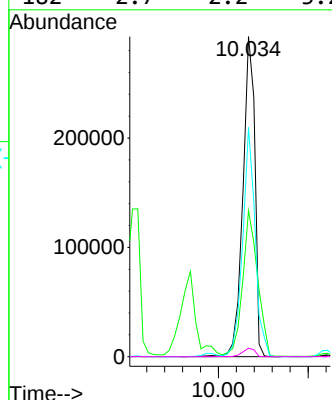
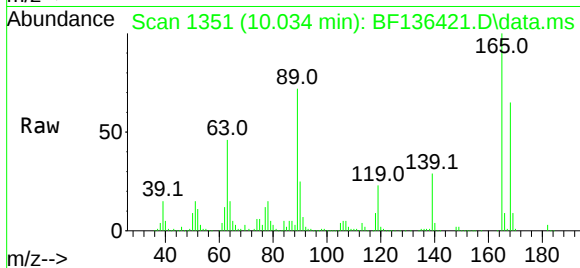
PB157498BS

Tgt Ion:165 Resp: 271170
Ion Ratio Lower Upper
165 100
63 45.7 31.4 47.2
89 71.6 51.7 77.5
182 2.7 2.2 3.2

Manual Integrations

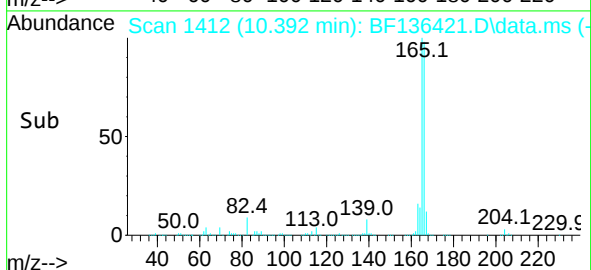
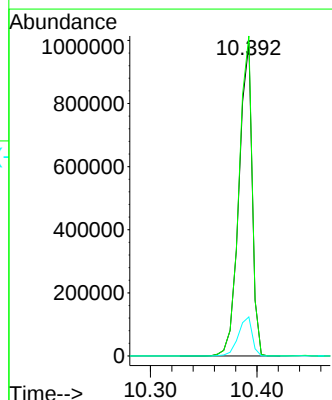
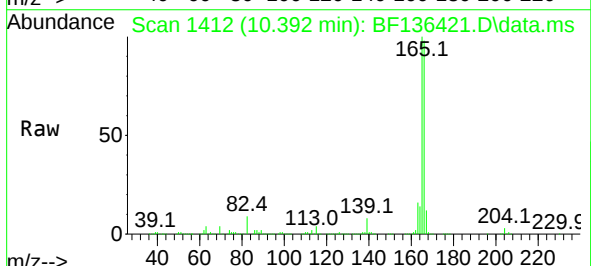
APPROVED

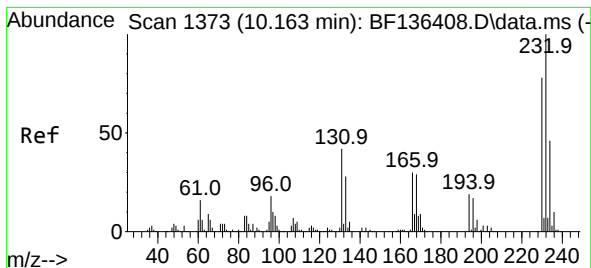
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#58
Fluorene
Concen: 43.364 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

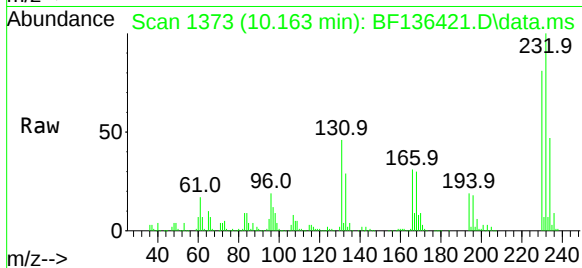
Tgt Ion:166 Resp: 854676
Ion Ratio Lower Upper
166 100
165 102.3 80.5 120.7
167 12.5 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.510 ng
RT: 10.163 min Scan# 1373
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

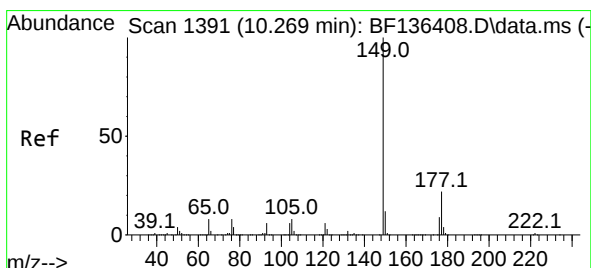
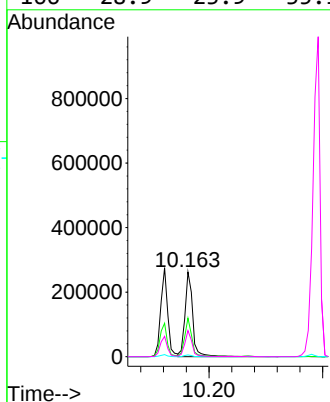
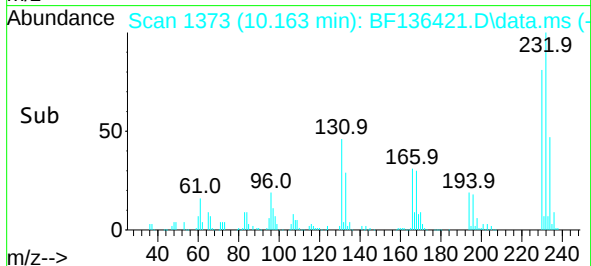
Instrument :
BNA_F
ClientSampleId :
PB157498BS



Tgt Ion:232 Resp: 244238
Ion Ratio Lower Upper
232 100
131 42.0 34.3 51.5
130 2.1 1.6 2.4
166 28.9 23.9 35.9

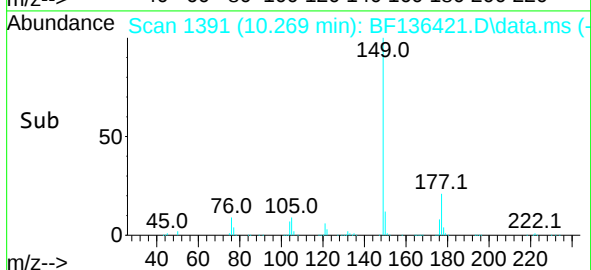
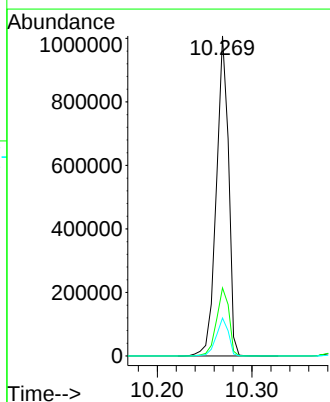
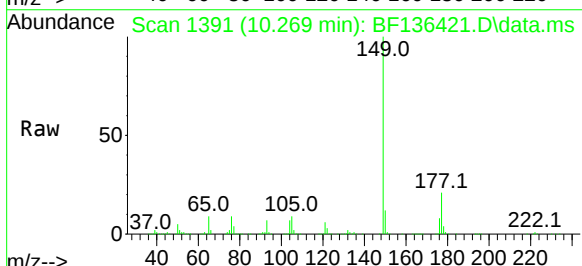
Manual Integrations
APPROVED

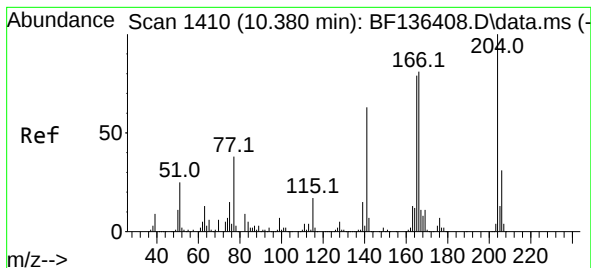
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#60
Diethylphthalate
Concen: 44.571 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

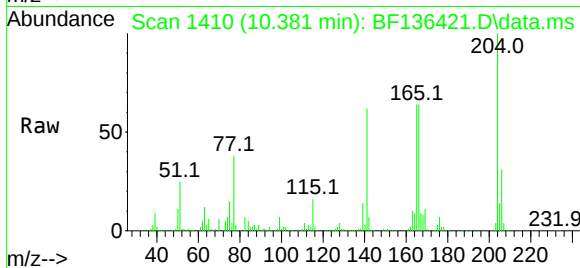
Tgt Ion:149 Resp: 897066
Ion Ratio Lower Upper
149 100
177 21.3 17.8 26.8
150 11.8 9.4 14.0





#61
4-Chlorophenyl-phenylether
Concen: 42.970 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

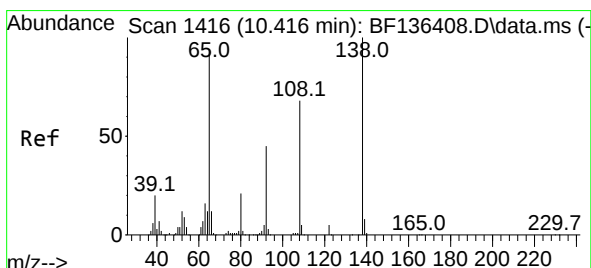
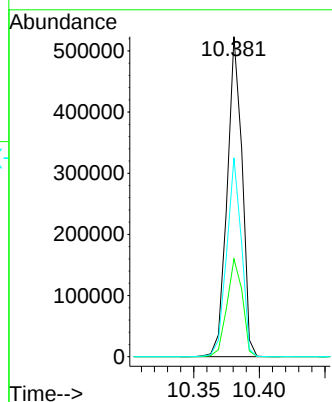
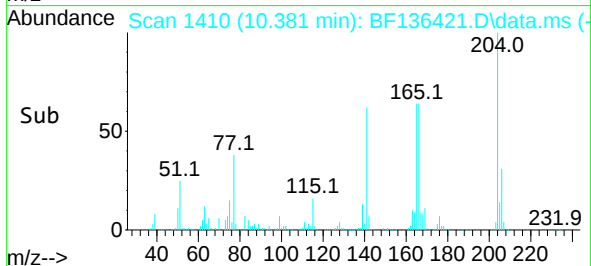
Instrument :
BNA_F
ClientSampleId :
PB157498BS



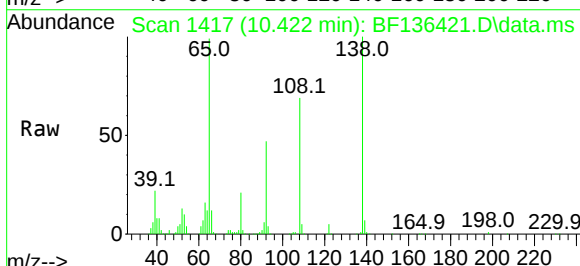
Tgt Ion:204 Resp: 41286
Ion Ratio Lower Upper
204 100
206 30.5 24.6 36.8
141 62.1 50.3 75.5

Manual Integrations
APPROVED

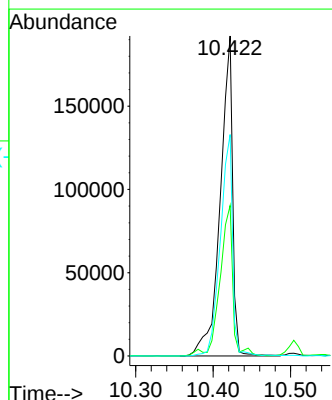
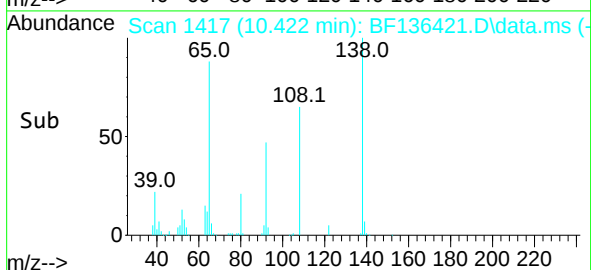
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

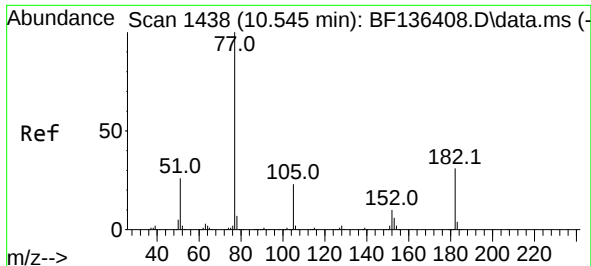


#62
4-Nitroaniline
Concen: 45.594 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09



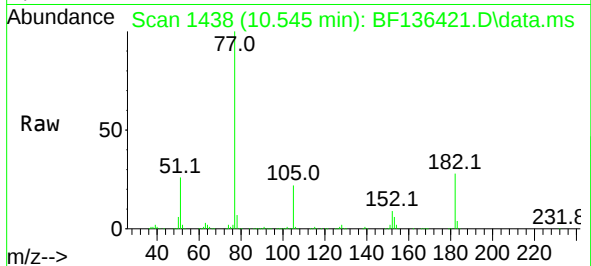
Tgt Ion:138 Resp: 212879
Ion Ratio Lower Upper
138 100
92 47.0 25.0 65.0
108 69.2 47.9 87.9





#63
Azobenzene
Concen: 44.084 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

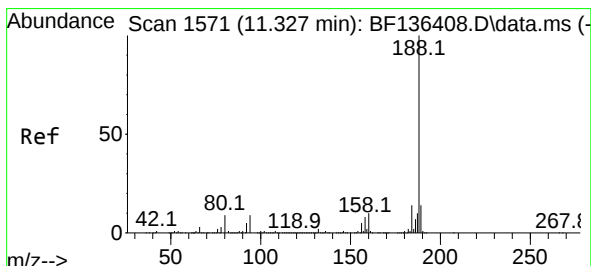
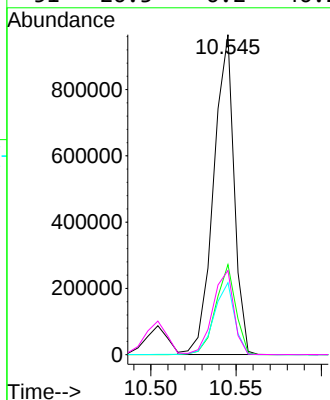
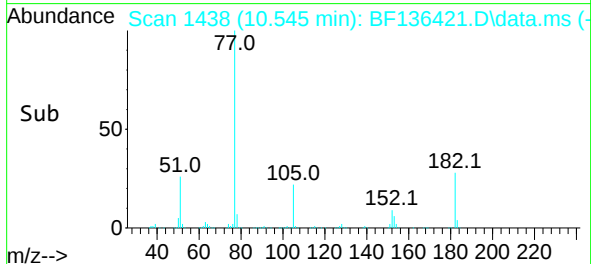
Instrument :
BNA_F
ClientSampleId :
PB157498BS



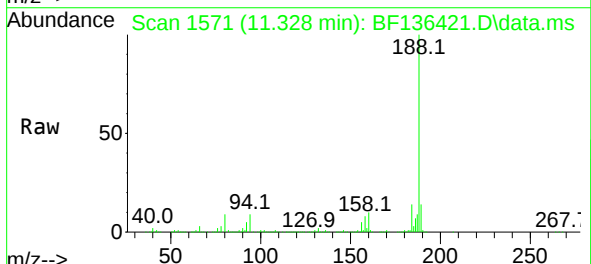
Tgt Ion: 77 Resp: 807594
Ion Ratio Lower Upper
77 100
182 28.2 10.8 50.8
105 22.5 2.6 42.6
51 26.3 6.2 46.2

Manual Integrations
APPROVED

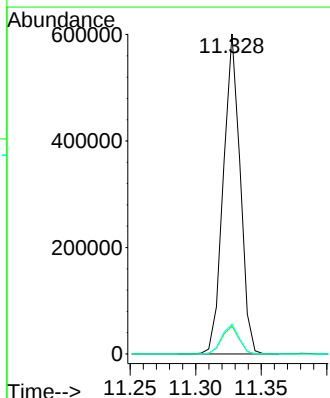
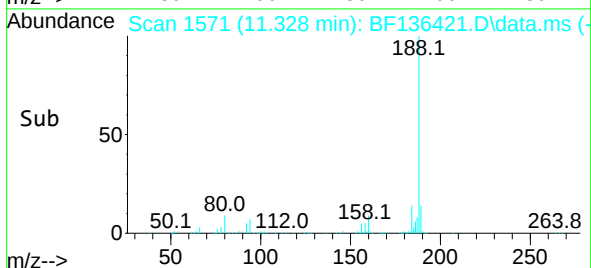
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

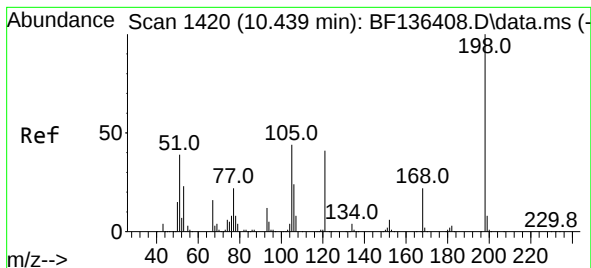


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09



Tgt Ion:188 Resp: 533458
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.4 7.2 10.8





#65
4,6-Dinitro-2-methylphenol
Concen: 48.562 ng
RT: 10.445 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

Instrument :

BNA_F

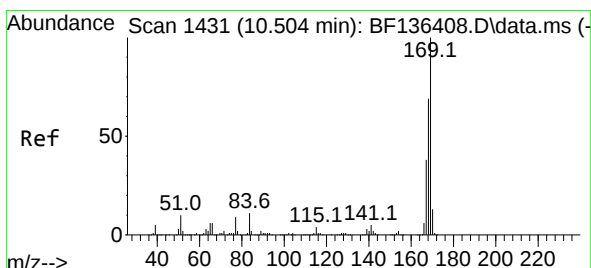
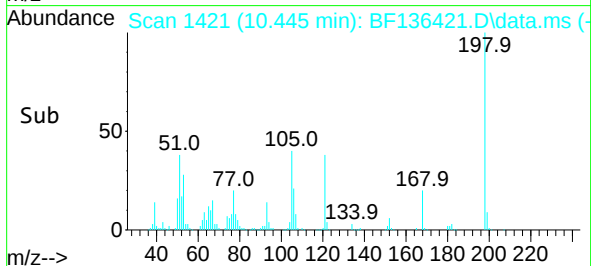
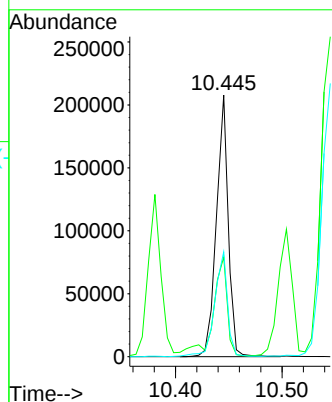
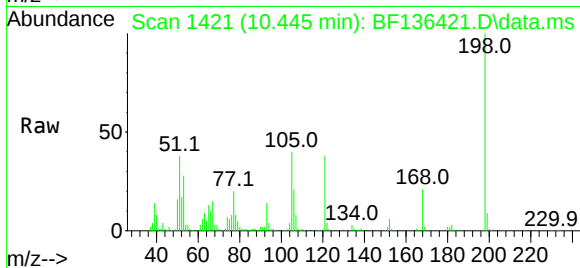
ClientSampleId :

PB157498BS

Tgt Ion:198 Resp: 16043
Ion Ratio Lower Upper
198 100
51 38.1 24.1 64.1
105 40.1 24.8 64.8

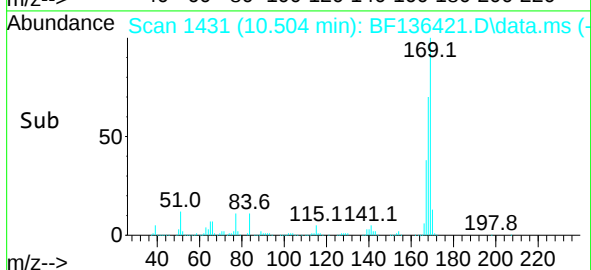
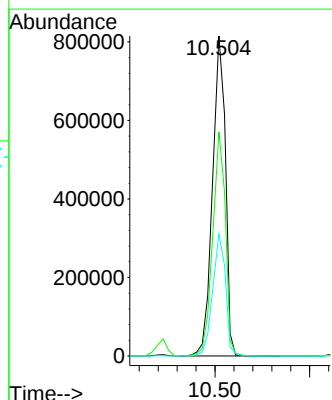
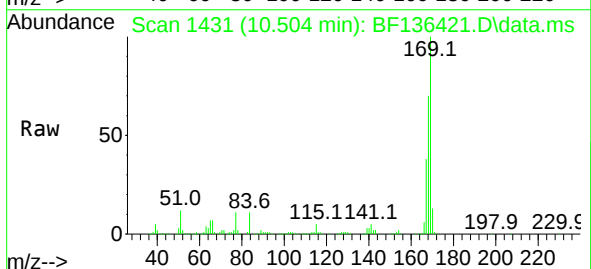
Manual Integrations
APPROVED

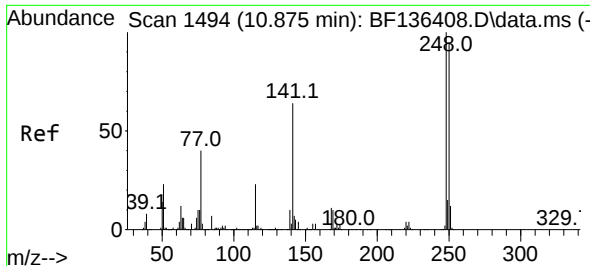
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#66
n-Nitrosodiphenylamine
Concen: 44.926 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

Tgt Ion:169 Resp: 769020
Ion Ratio Lower Upper
169 100
168 70.1 55.3 82.9
167 38.2 30.1 45.1





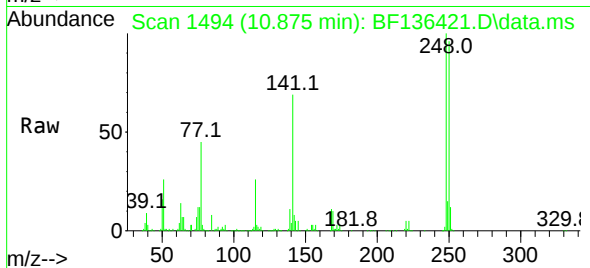
#67
4-Bromophenyl-phenylether
Concen: 43.224 ng
RT: 10.875 min Scan# 1494
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB157498BS

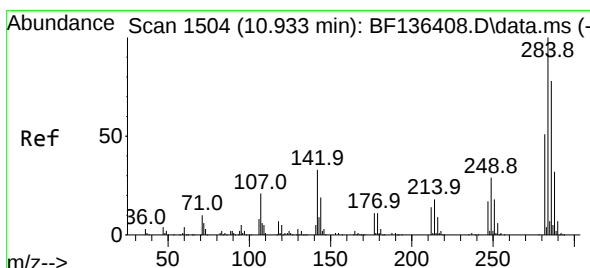
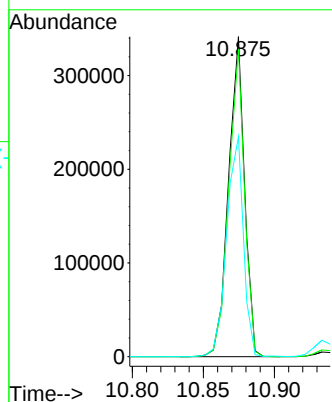
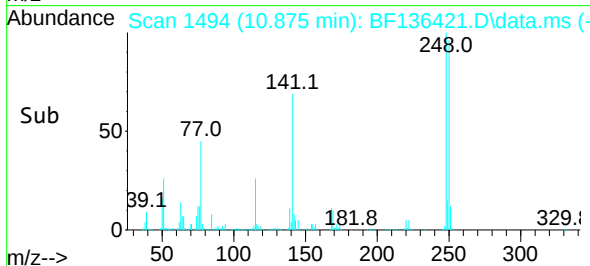


Tgt Ion:248 Resp: 26808
Ion Ratio Lower Upper
248 100
250 96.1 76.2 114.2
141 68.7 51.0 76.4

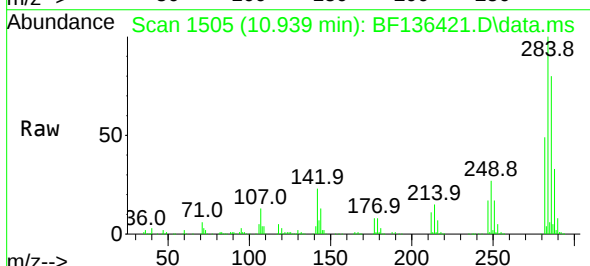
Manual Integrations

APPROVED

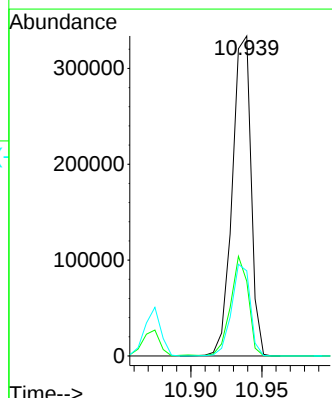
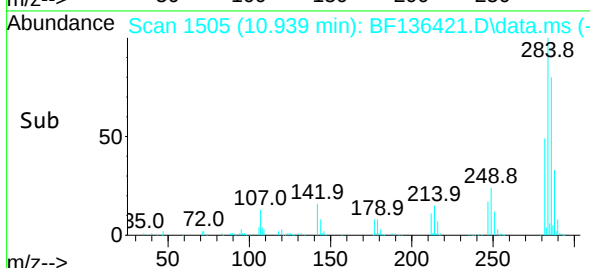
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

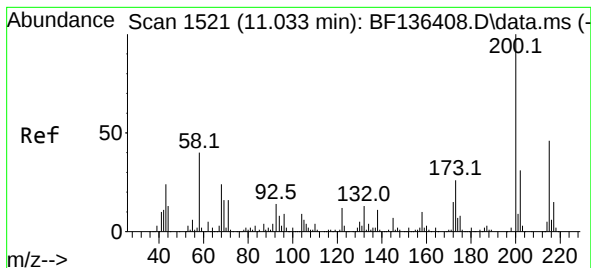


#68
Hexachlorobenzene
Concen: 42.911 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.006 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09



Tgt Ion:284 Resp: 307609
Ion Ratio Lower Upper
284 100
142 23.3 26.5 39.7#
249 26.6 23.4 35.0





#69

Atrazine

Concen: 36.661 ng

RT: 11.033 min Scan# 1521

Delta R.T. 0.000 min

Lab File: BF136421.D

Acq: 06 Dec 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB157498BS

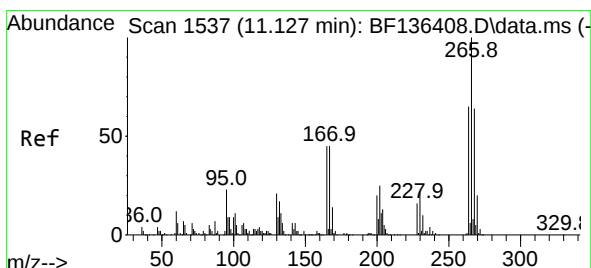
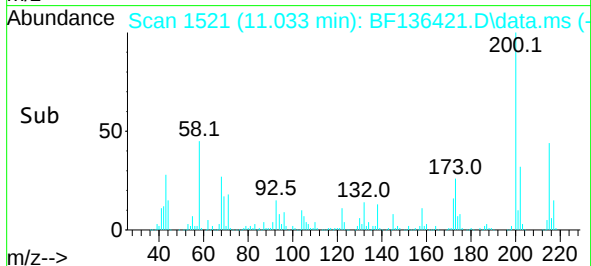
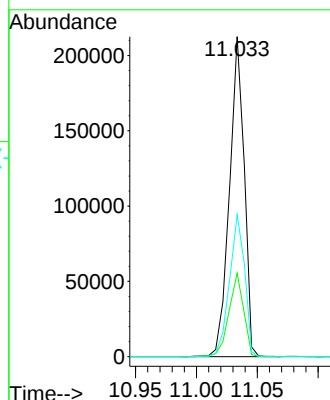
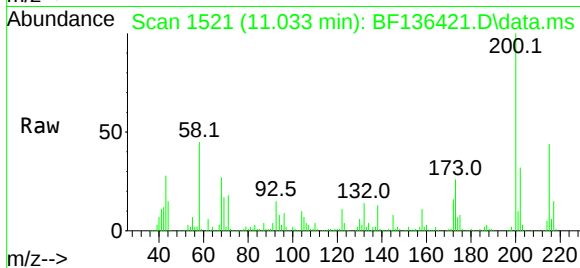
Tgt Ion:200 Resp: 17911
 Ion Ratio Lower Upper
 200 100
 173 26.1 6.0 46.0
 215 44.3 25.5 65.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#70

Pentachlorophenol

Concen: 82.924 ng

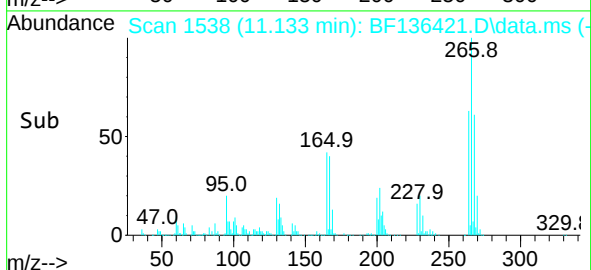
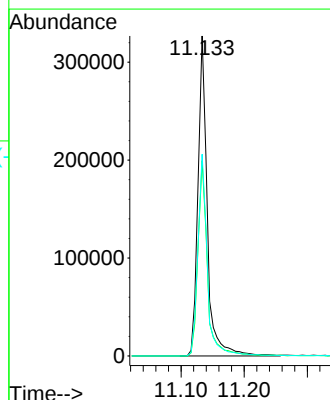
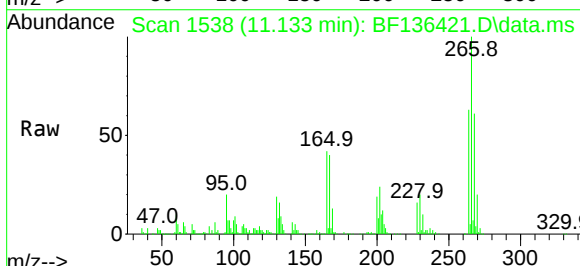
RT: 11.133 min Scan# 1538

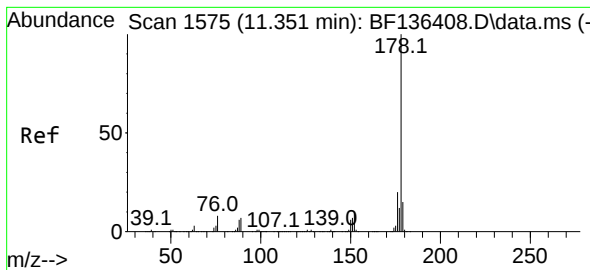
Delta R.T. 0.006 min

Lab File: BF136421.D

Acq: 06 Dec 2023 11:09

Tgt Ion:266 Resp: 335490
 Ion Ratio Lower Upper
 266 100
 268 61.0 51.0 76.6
 264 63.1 52.2 78.4





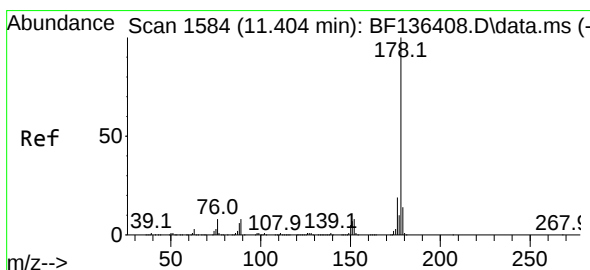
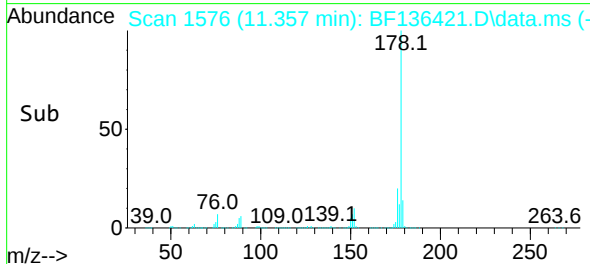
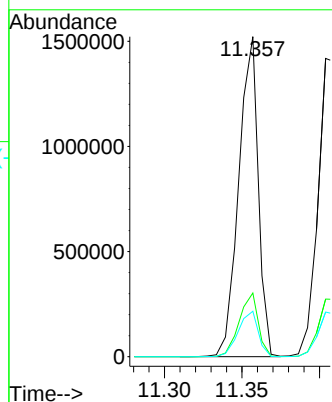
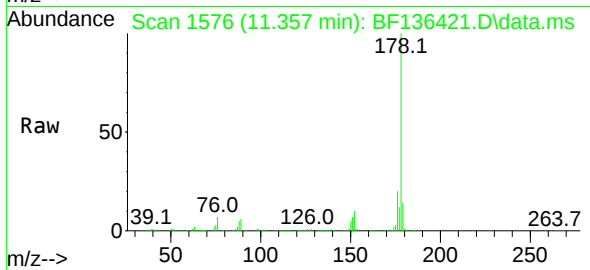
#71
Phenanthrene
Concen: 45.459 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

Instrument :
BNA_F
ClientSampleId :
PB157498BS

Tgt Ion:178 Resp: 1332918
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 14.2 11.8 17.6

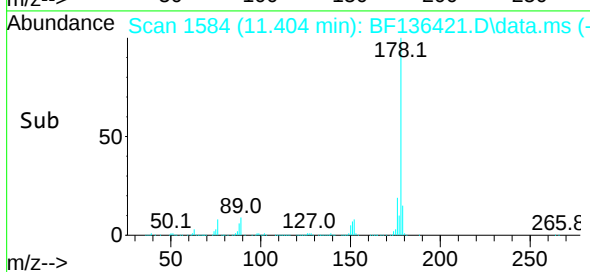
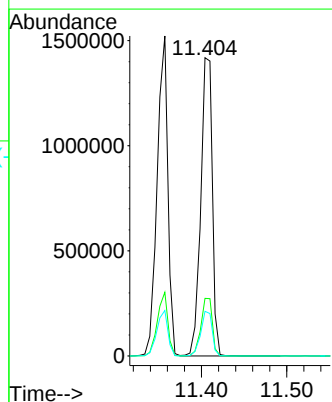
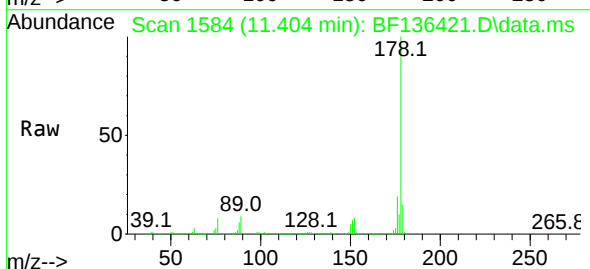
Manual Integrations
APPROVED

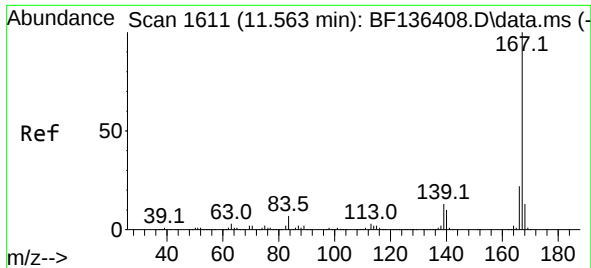
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#72
Anthracene
Concen: 45.388 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

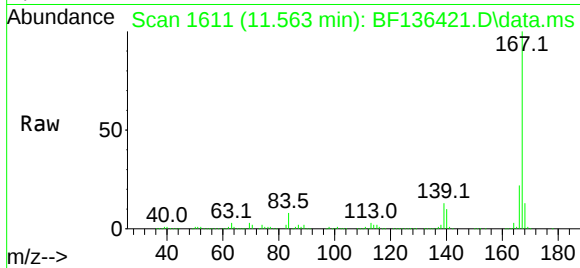
Tgt Ion:178 Resp: 1340431
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.0 11.4 17.0





#73
 Carbazole
 Concen: 44.785 ng
 RT: 11.563 min Scan# 1611
 Delta R.T. 0.000 min
 Lab File: BF136421.D
 Acq: 06 Dec 2023 11:09

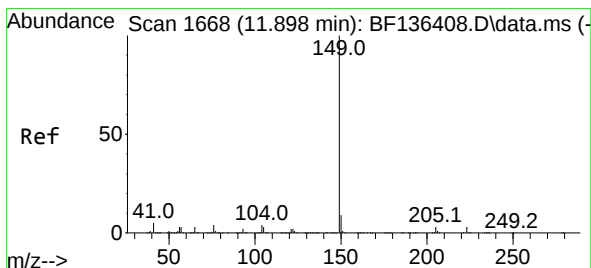
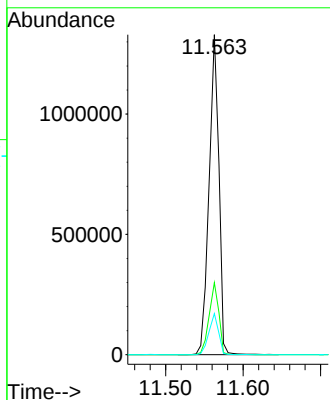
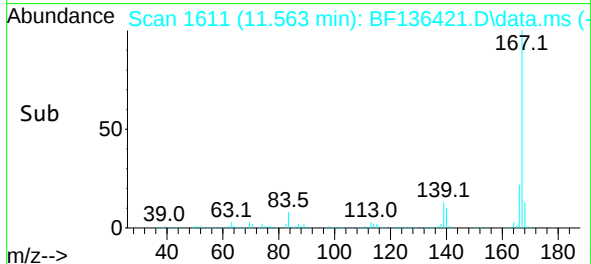
Instrument :
 BNA_F
 ClientSampleId :
 PB157498BS



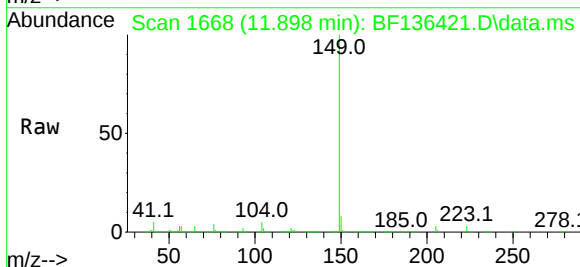
Tgt Ion:167 Resp: 1170619
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.0 27.0
 139 12.8 10.2 15.4

Manual Integrations
 APPROVED

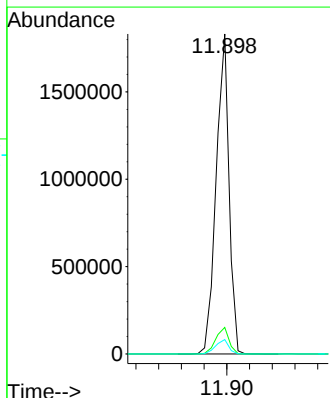
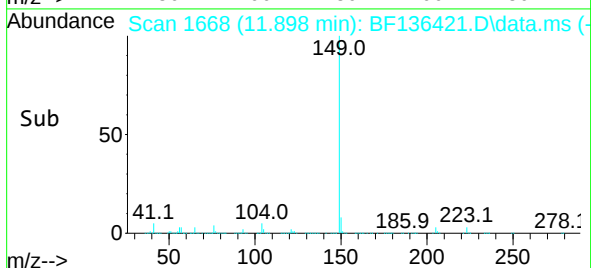
Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023

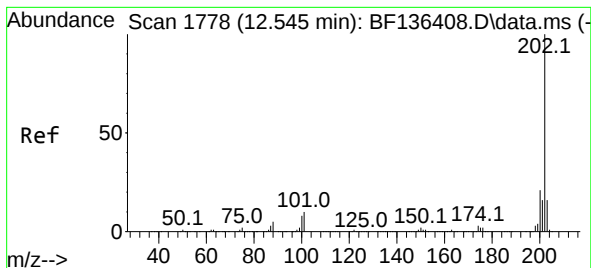


#74
 Di-n-butylphthalate
 Concen: 44.925 ng
 RT: 11.898 min Scan# 1668
 Delta R.T. 0.000 min
 Lab File: BF136421.D
 Acq: 06 Dec 2023 11:09



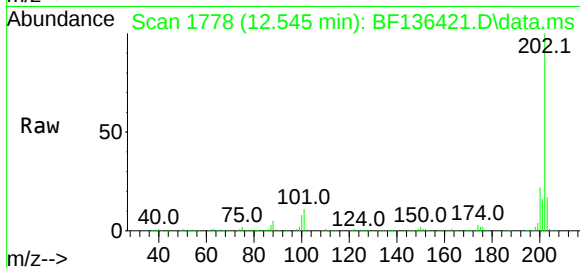
Tgt Ion:149 Resp: 1439565
 Ion Ratio Lower Upper
 149 100
 150 8.3 6.9 10.3
 104 4.5 3.5 5.3





#75
Fluoranthene
Concen: 44.434 ng
RT: 12.545 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

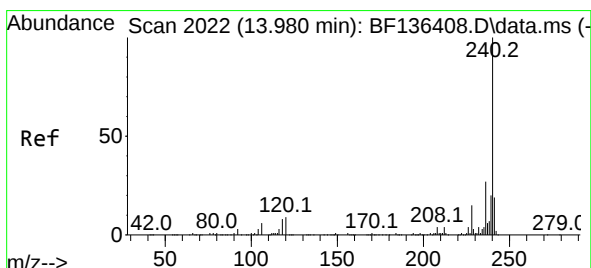
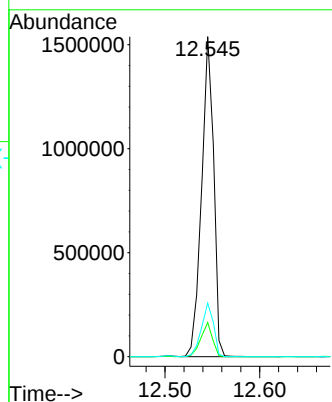
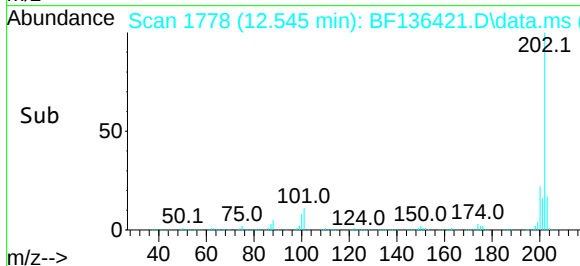
Instrument :
BNA_F
ClientSampleId :
PB157498BS



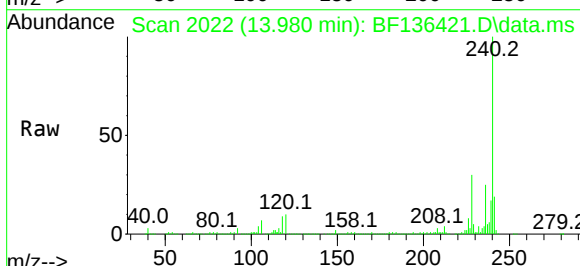
Tgt Ion:202 Resp: 1365310
Ion Ratio Lower Upper
202 100
101 10.7 0.0 29.9
203 16.8 0.0 36.3

Manual Integrations
APPROVED

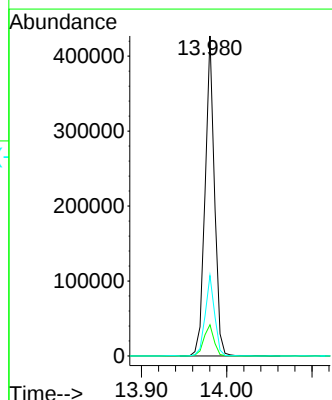
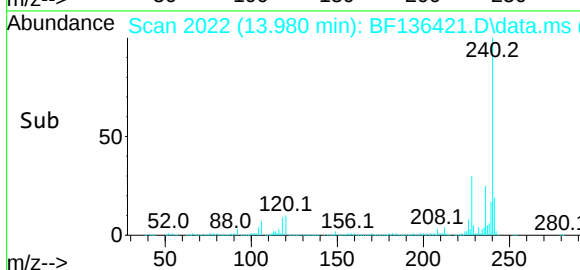
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

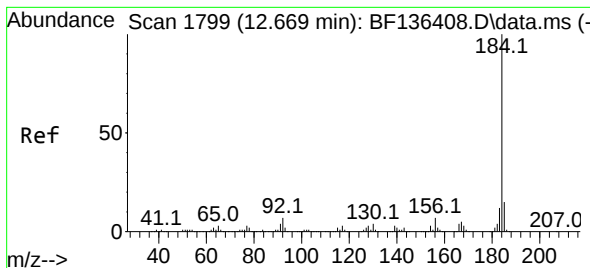


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09



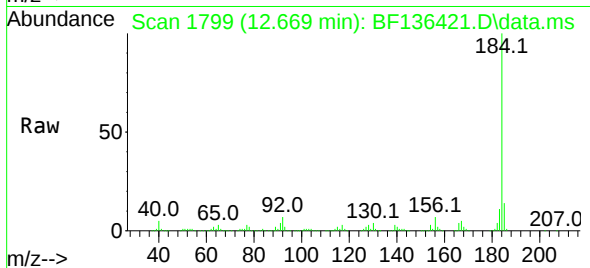
Tgt Ion:240 Resp: 325426
Ion Ratio Lower Upper
240 100
120 9.7 7.3 10.9
236 25.1 21.3 31.9





#77
Benzidine
Concen: 33.611 ng
RT: 12.669 min Scan# 1799
Delta R.T. -0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

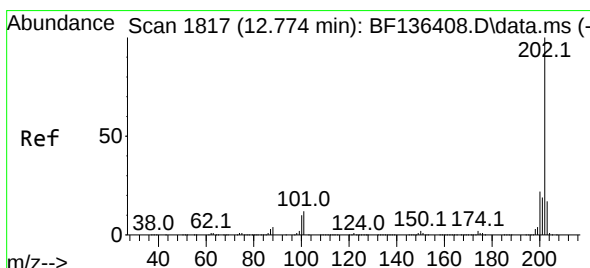
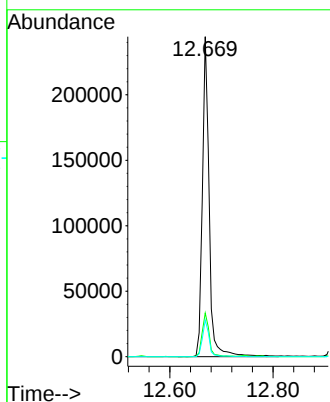
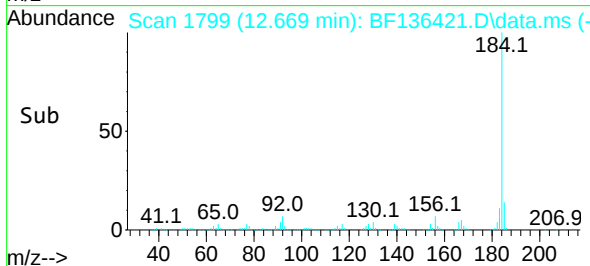
Instrument :
BNA_F
ClientSampleId :
PB157498BS



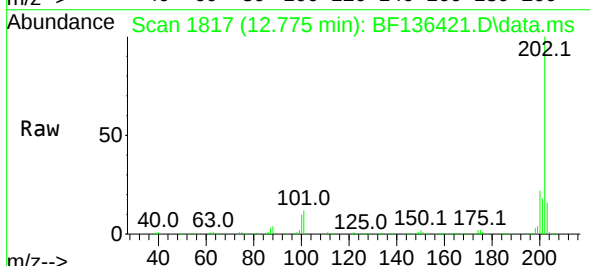
Tgt Ion:184 Resp: 222823
Ion Ratio Lower Upper
184 100
185 13.6 12.0 18.0
183 11.5 9.4 14.0

Manual Integrations
APPROVED

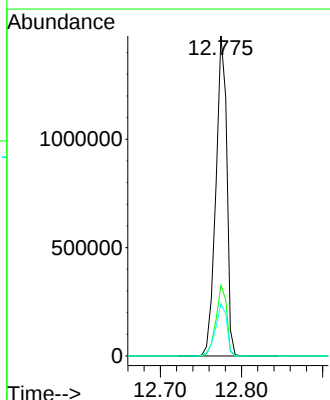
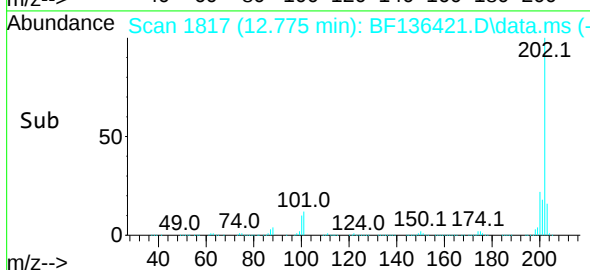
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

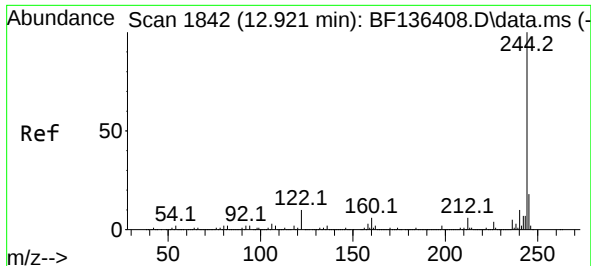


#78
Pyrene
Concen: 43.295 ng
RT: 12.775 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09



Tgt Ion:202 Resp: 1379848
Ion Ratio Lower Upper
202 100
200 22.0 18.0 27.0
203 16.3 13.5 20.3





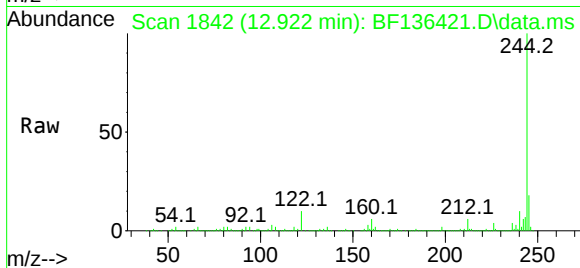
#79
 Terphenyl-d14
 Concen: 84.469 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF136421.D
 Acq: 06 Dec 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB157498BS

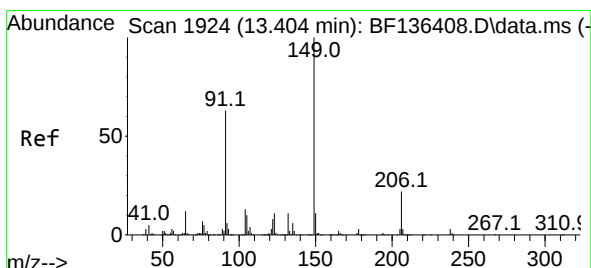
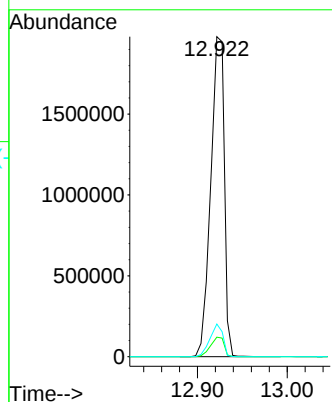
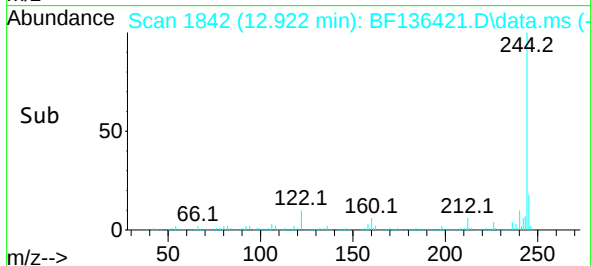


Tgt Ion:244 Resp: 208555
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.4
 122 10.2 8.3 12.5

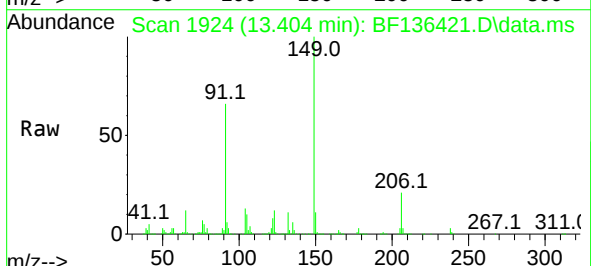
Manual Integrations

APPROVED

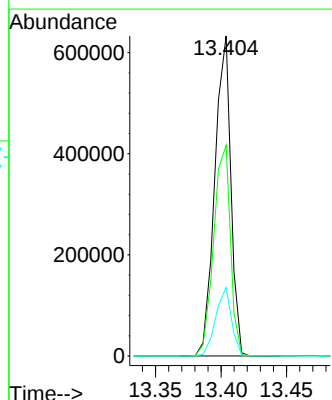
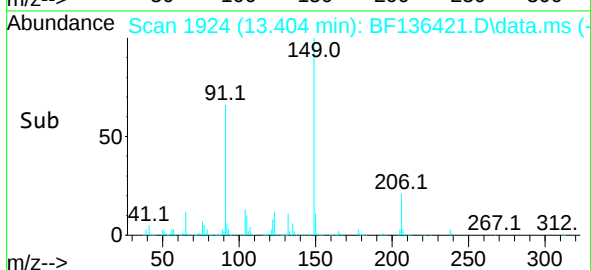
Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023

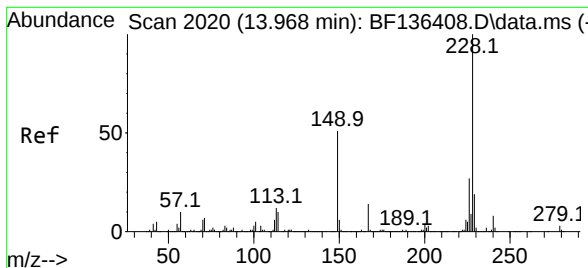


#80
 Butylbenzylphthalate
 Concen: 47.613 ng
 RT: 13.404 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: BF136421.D
 Acq: 06 Dec 2023 11:09



Tgt Ion:149 Resp: 540190
 Ion Ratio Lower Upper
 149 100
 91 65.9 50.5 75.7
 206 21.4 17.4 26.2





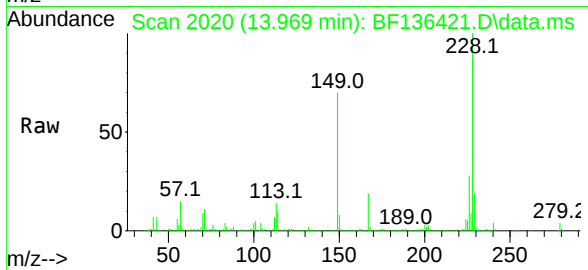
#81
Benzo(a)anthracene
Concen: 44.523 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB157498BS

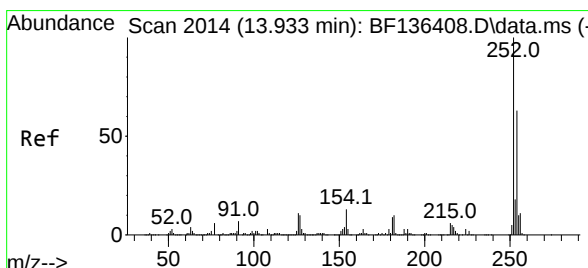
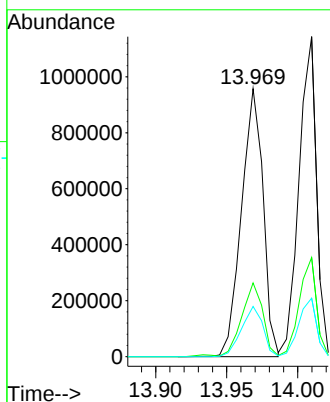
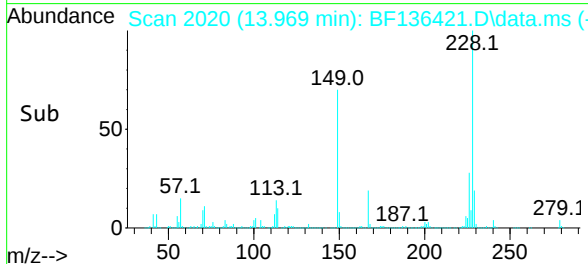


Tgt Ion:228 Resp: 100925
Ion Ratio Lower Upper
228 100
226 27.5 21.8 32.8
229 18.7 15.0 22.4

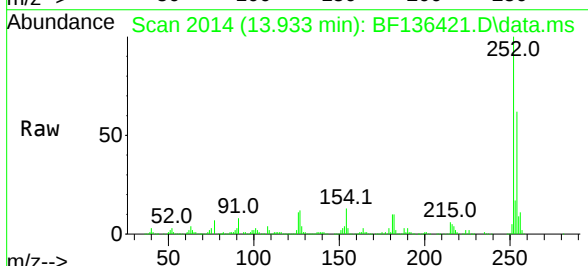
Manual Integrations

APPROVED

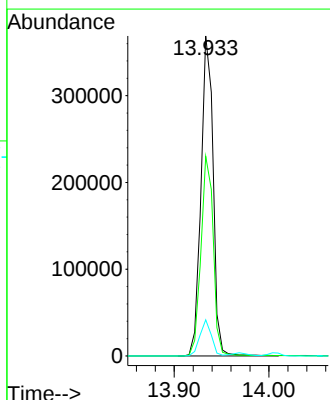
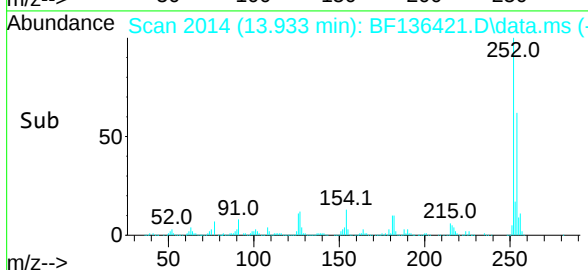
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#82
3,3'-Dichlorobenzidine
Concen: 51.548 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09



Tgt Ion:252 Resp: 327621
Ion Ratio Lower Upper
252 100
254 62.4 50.8 76.2
126 11.3 8.6 12.8





#83

Chrysene

Concen: 44.083 ng

RT: 14.010 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF136421.D

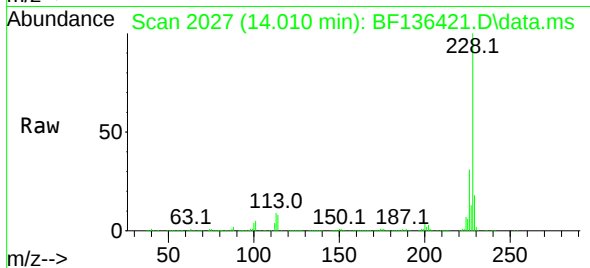
Acq: 06 Dec 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB157498BS



Tgt Ion:228 Resp: 98315

Ion Ratio Lower Upper

228 100

226 31.0 23.8 35.6

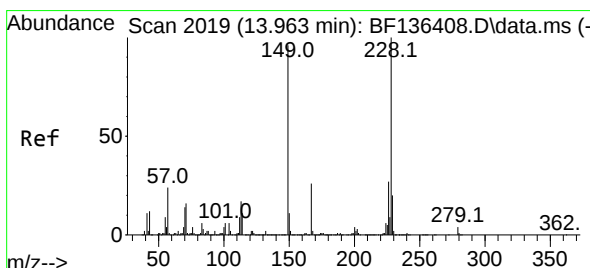
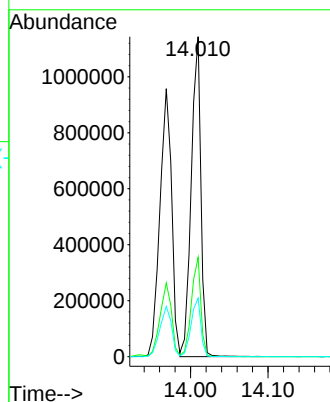
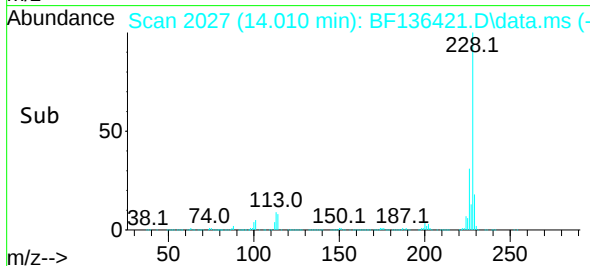
229 18.3 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.130 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF136421.D

Acq: 06 Dec 2023 11:09

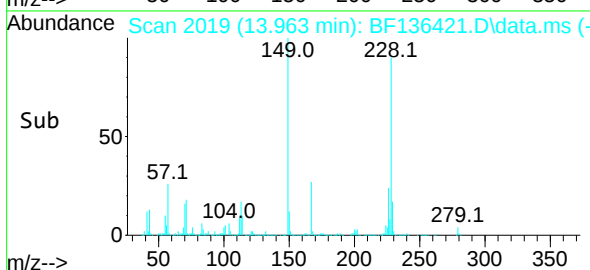
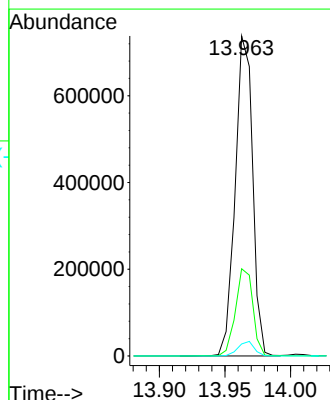
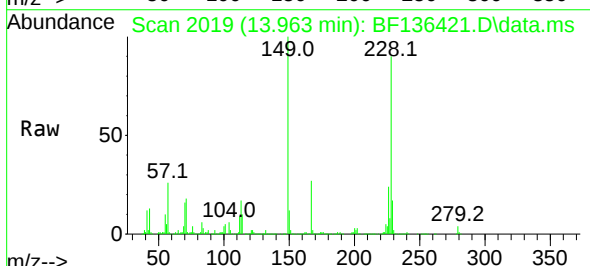
Tgt Ion:149 Resp: 683320

Ion Ratio Lower Upper

149 100

167 27.3 21.2 31.8

279 3.7 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 51.115 ng

RT: 14.580 min Scan# 2124

Delta R.T. 0.000 min

Lab File: BF136421.D

Acq: 06 Dec 2023 11:09

Instrument :

BNA_F

ClientSampleId :

PB157498BS

Tgt Ion:149 Resp: 105012

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

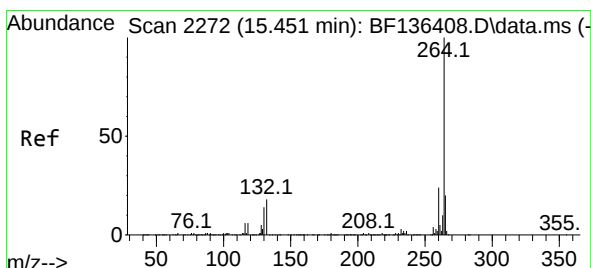
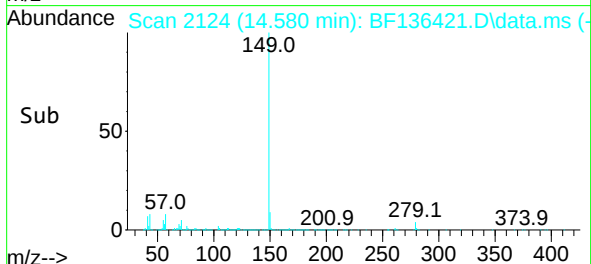
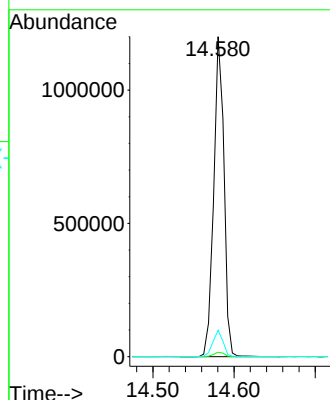
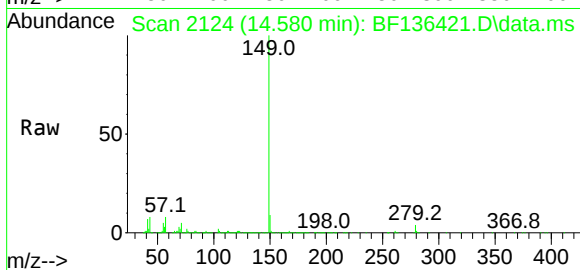
43 8.2 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023

Supervised By :mohammad ahmed 12/07/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.006 min

Lab File: BF136421.D

Acq: 06 Dec 2023 11:09

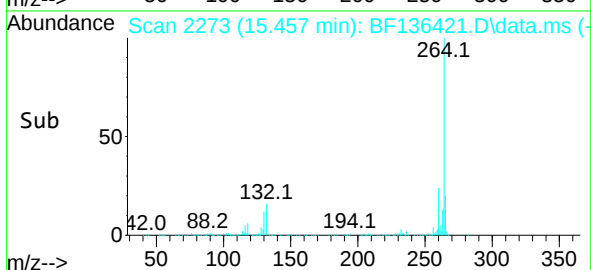
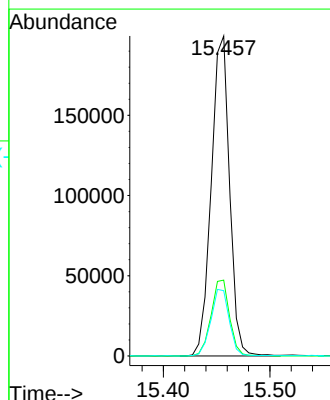
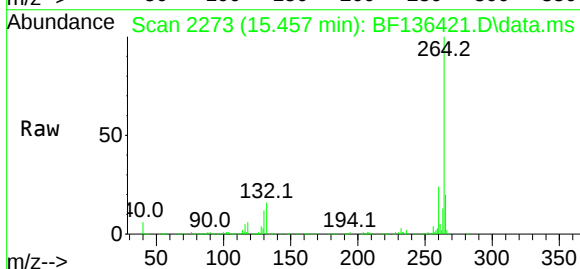
Tgt Ion:264 Resp: 237651

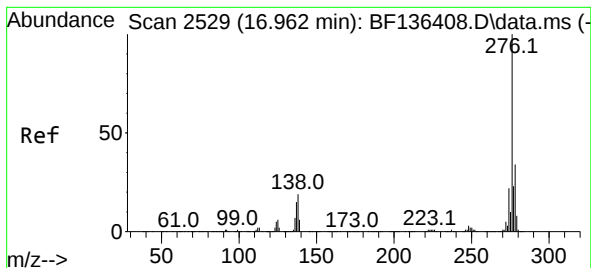
Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 20.4 15.9 23.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.189 ng

RT: 16.962 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF136421.D

Acq: 06 Dec 2023 11:09

Instrument :

BNA_F

ClientSampleId :

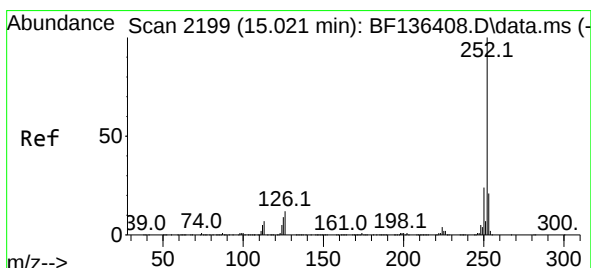
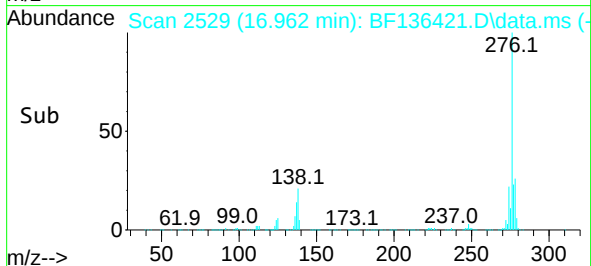
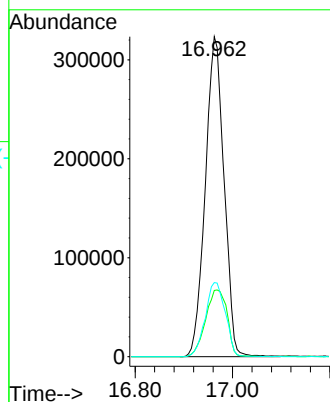
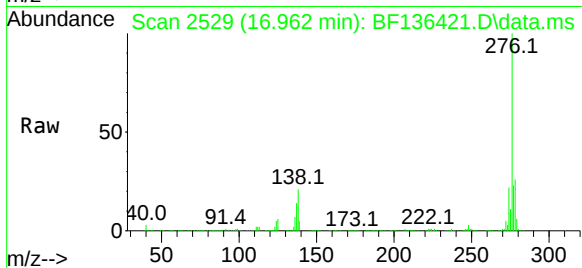
PB157498BS

Tgt Ion:276 Resp: 861650
 Ion Ratio Lower Upper
 276 100
 138 24.0 19.0 28.4
 277 24.9 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023



#88

Benzo(b)fluoranthene

Concen: 50.844 ng

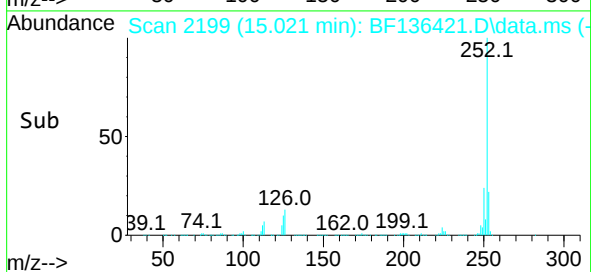
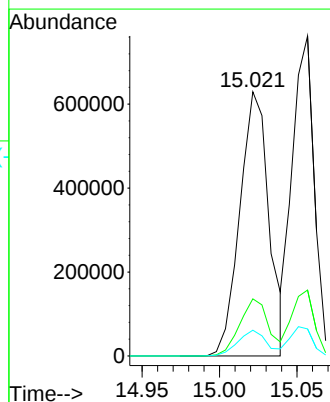
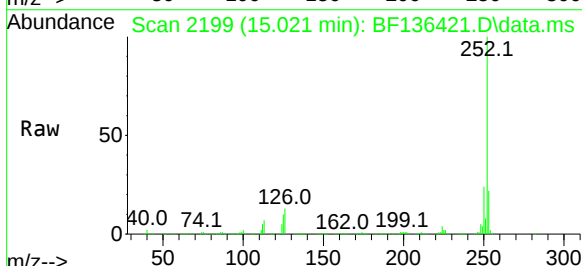
RT: 15.021 min Scan# 2199

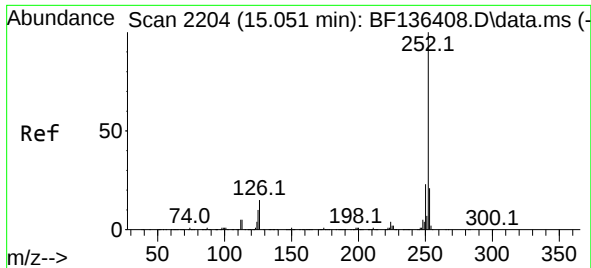
Delta R.T. 0.000 min

Lab File: BF136421.D

Acq: 06 Dec 2023 11:09

Tgt Ion:252 Resp: 826146
 Ion Ratio Lower Upper
 252 100
 253 21.6 16.9 25.3
 125 9.7 7.4 11.2





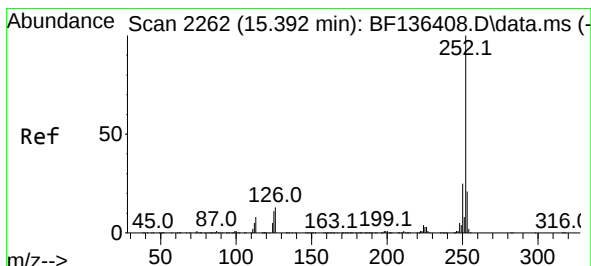
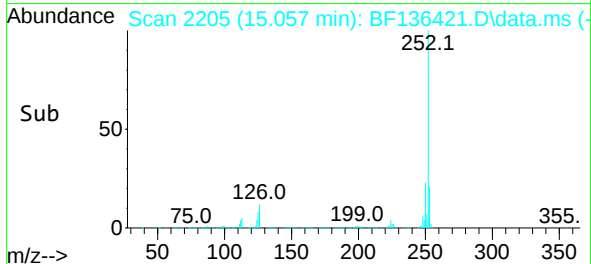
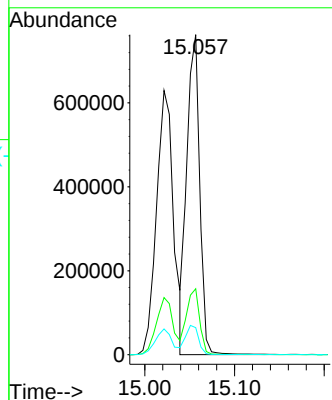
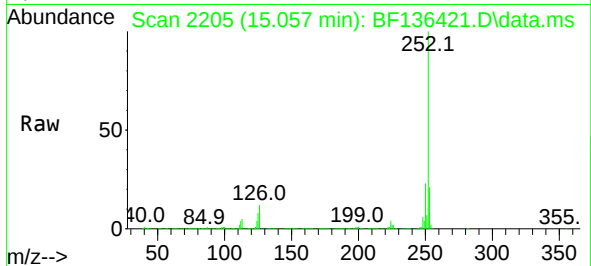
#89
Benzo(k)fluoranthene
Concen: 49.542 ng
RT: 15.057 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

Instrument :
BNA_F
ClientSampleId :
PB157498BS

Tgt Ion:252 Resp: 75863
Ion Ratio Lower Upper
252 100
253 20.6 16.9 25.3
125 8.4 7.5 11.3

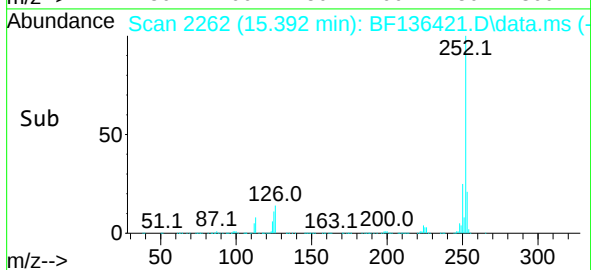
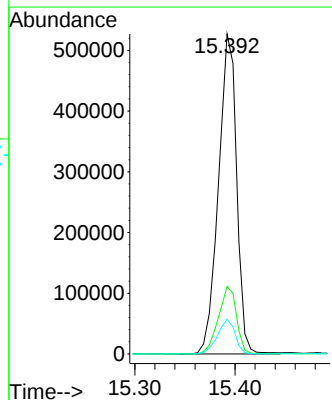
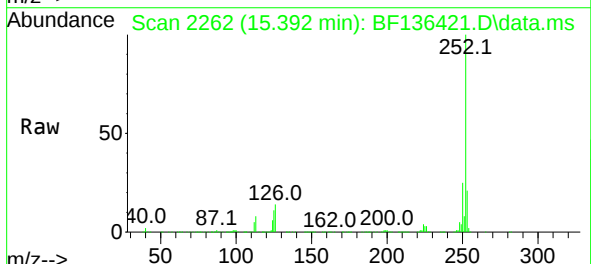
Manual Integrations
APPROVED

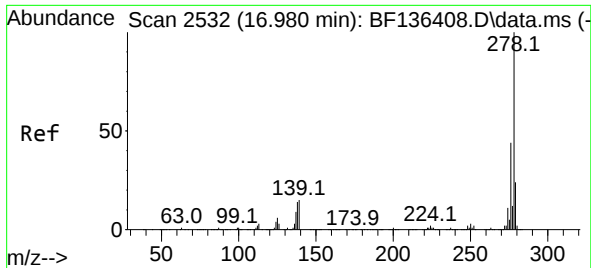
Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#90
Benzo(a)pyrene
Concen: 49.325 ng
RT: 15.392 min Scan# 2262
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

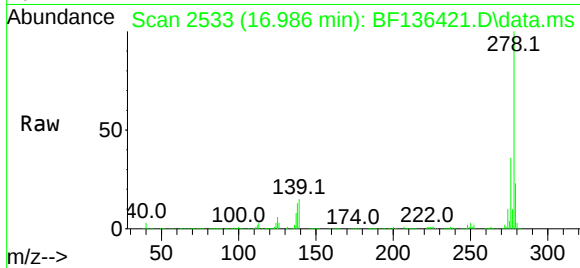
Tgt Ion:252 Resp: 661887
Ion Ratio Lower Upper
252 100
253 21.1 17.0 25.4
125 10.9 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 53.001 ng
RT: 16.986 min Scan# 2533
Delta R.T. 0.006 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09

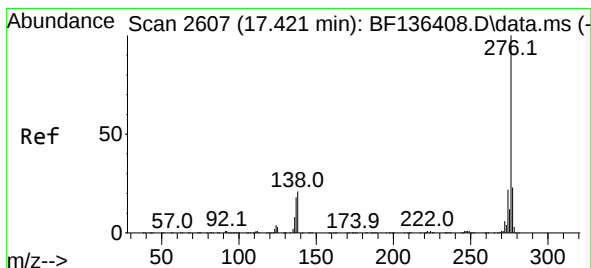
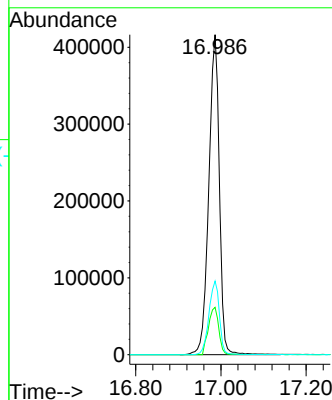
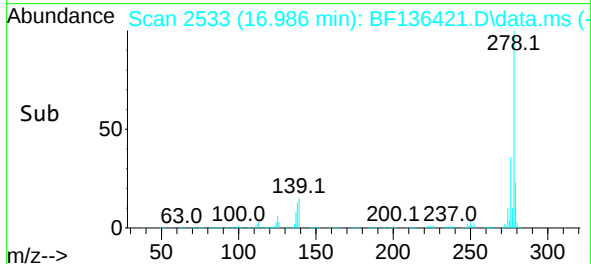
Instrument :
BNA_F
ClientSampleId :
PB157498BS



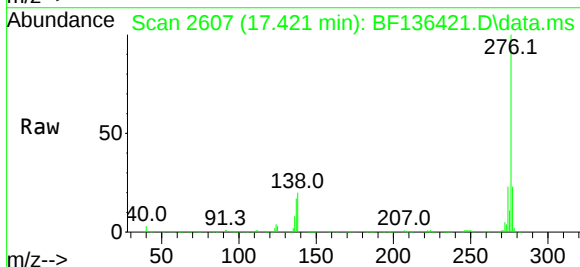
Tgt Ion:278 Resp: 71688
Ion Ratio Lower Upper
278 100
139 14.8 12.2 18.4
279 23.0 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023



#92
Benzo(g,h,i)perylene
Concen: 51.991 ng
RT: 17.421 min Scan# 2607
Delta R.T. 0.000 min
Lab File: BF136421.D
Acq: 06 Dec 2023 11:09



Tgt Ion:276 Resp: 721777
Ion Ratio Lower Upper
276 100
277 22.7 18.7 28.1
138 19.9 16.6 25.0

