

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
 Data File : BF136610.D
 Acq On : 18 Dec 2023 12:50
 Operator : CG\JU
 Sample : PB157778BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157778BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/19/2023

Quant Time: Dec 18 13:29:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	128727	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	546681	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	285996	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	527201	20.000	ng	0.00
76) Chrysene-d12	13.974	240	264942	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	242964	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	979077	112.325	ng	0.02
7) Phenol-d6	6.445	99	1205885	110.885	ng	0.01
23) Nitrobenzene-d5	7.357	82	735826	72.765	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	402542	114.152	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1531012	73.045	ng	0.00
79) Terphenyl-d14	12.916	244	1708336	84.987	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	110168	31.955	ng	97
3) Pyridine	3.393	79	255840	30.643	ng	95
4) n-Nitrosodimethylamine	3.351	42	130728	36.040	ng	97
6) Aniline	6.457	93	374446	34.070	ng	# 18
8) 2-Chlorophenol	6.581	128	388547	40.832	ng	100
9) Benzaldehyde	6.345	77	133997	21.766	ng	91
10) Phenol	6.457	94	437187	37.779	ng	83
11) bis(2-Chloroethyl)ether	6.534	93	339502	39.359	ng	95
12) 1,3-Dichlorobenzene	6.734	146	391939	36.625	ng	97
13) 1,4-Dichlorobenzene	6.810	146	397721	36.637	ng	98
14) 1,2-Dichlorobenzene	6.957	146	378721	37.100	ng	98
15) Benzyl Alcohol	6.939	79	307459	42.220	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	403483	36.370	ng	88
17) 2-Methylphenol	7.057	107	306808	39.908	ng	93
18) Hexachloroethane	7.298	117	142106	37.494	ng	94
19) n-Nitroso-di-n-propyla...	7.210	70	244789	39.020	ng	97
20) 3+4-Methylphenols	7.210	107	376077	39.412	ng	# 74
22) Acetophenone	7.204	105	521202	38.609	ng	98
24) Nitrobenzene	7.375	77	359967	35.385	ng	96
25) Isophorone	7.616	82	692276	38.104	ng	96
26) 2-Nitrophenol	7.686	139	207507	41.492	ng	99
27) 2,4-Dimethylphenol	7.733	122	336361	54.544	ng	97
28) bis(2-Chloroethoxy)met...	7.822	93	437931	39.227	ng	99
29) 2,4-Dichlorophenol	7.933	162	326934	40.165	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	363343	38.281	ng	99
31) Naphthalene	8.092	128	1119076	37.120	ng	99
32) Benzoic acid	7.881	122	236697	38.692	ng	97
33) 4-Chloroaniline	8.145	127	272605	25.364	ng	98
34) Hexachlorobutadiene	8.204	225	207386	36.868	ng	99
35) Caprolactam	8.528	113	106385m	42.441	ng	
36) 4-Chloro-3-methylphenol	8.639	107	348070	40.274	ng	98
37) 2-Methylnaphthalene	8.786	142	738768	38.519	ng	94
38) 1-Methylnaphthalene	8.886	142	687971	36.555	ng	95
40) 1,2,4,5-Tetrachloroben...	8.951	216	359580	40.412	ng	99
41) Hexachlorocyclopentadiene	8.933	237	343689	104.263	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	236427	40.809	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	255711	39.546	ng	97
46) 1,1'-Biphenyl	9.251	154	951519	39.100	ng	98
47) 2-Chloronaphthalene	9.275	162	723600	38.203	ng	96
48) 2-Nitroaniline	9.375	65	199759	39.323	ng	97
49) Acenaphthylene	9.692	152	1038502	38.489	ng	99
50) Dimethylphthalate	9.557	163	857554	40.727	ng	98
51) 2,6-Dinitrotoluene	9.622	165	187782	39.641	ng	96
52) Acenaphthene	9.863	154	669221	38.706	ng	95
53) 3-Nitroaniline	9.792	138	154532	31.946	ng	97
54) 2,4-Dinitrophenol	9.904	184	204216	85.267	ng	92
55) Dibenzofuran	10.039	168	964515	38.186	ng	99
56) 4-Nitrophenol	9.969	139	275093	75.861	ng	97
57) 2,4-Dinitrotoluene	10.027	165	240353	38.355	ng	# 91
58) Fluorene	10.380	166	779309	38.435	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	217425	41.978	ng	99
60) Diethylphthalate	10.263	149	821500	39.676	ng	98
61) 4-Chlorophenyl-phenyle...	10.374	204	391017	39.559	ng	93
62) 4-Nitroaniline	10.410	138	188925	39.333	ng	98
63) Azobenzene	10.533	77	714294	37.902	ng	97
65) 4,6-Dinitro-2-methylph...	10.439	198	145910	44.689	ng	97
66) n-Nitrosodiphenylamine	10.498	169	703240	41.571	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	254459	41.513	ng	95
68) Hexachlorobenzene	10.927	284	282535	39.881	ng	99
69) Atrazine	11.033	200	302405	62.632	ng	99
70) Pentachlorophenol	11.133	266	275952	69.017	ng	98
71) Phenanthrene	11.351	178	1155907	39.890	ng	99
72) Anthracene	11.398	178	1177927	40.359	ng	99
73) Carbazole	11.557	167	1002375	38.803	ng	99
74) Di-n-butylphthalate	11.886	149	1305454	41.223	ng	99
75) Fluoranthene	12.539	202	1125216	37.054	ng	97
77) Benzidine	12.663	184	229000	38.742	ng	98
78) Pyrene	12.768	202	1106867	42.658	ng	98
80) Butylbenzylphthalate	13.392	149	418957	45.357	ng	95
81) Benzo(a)anthracene	13.963	228	747205	40.488	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	227118	43.893	ng	98
83) Chrysene	14.004	228	716164	39.443	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	534655	47.217	ng	100
85) Di-n-octyl phthalate	14.574	149	809998	48.428	ng	98
87) Indeno(1,2,3-cd)pyrene	16.974	276	843847	49.993	ng	99
88) Benzo(b)fluoranthene	15.021	252	664485	40.000	ng	98
89) Benzo(k)fluoranthene	15.051	252	654544	41.809	ng	99
90) Benzo(a)pyrene	15.392	252	600799	43.793	ng	98
91) Dibenzo(a,h)anthracene	16.992	278	705195	50.997	ng	99
92) Benzo(g,h,i)perylene	17.433	276	702732	49.512	ng	99

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

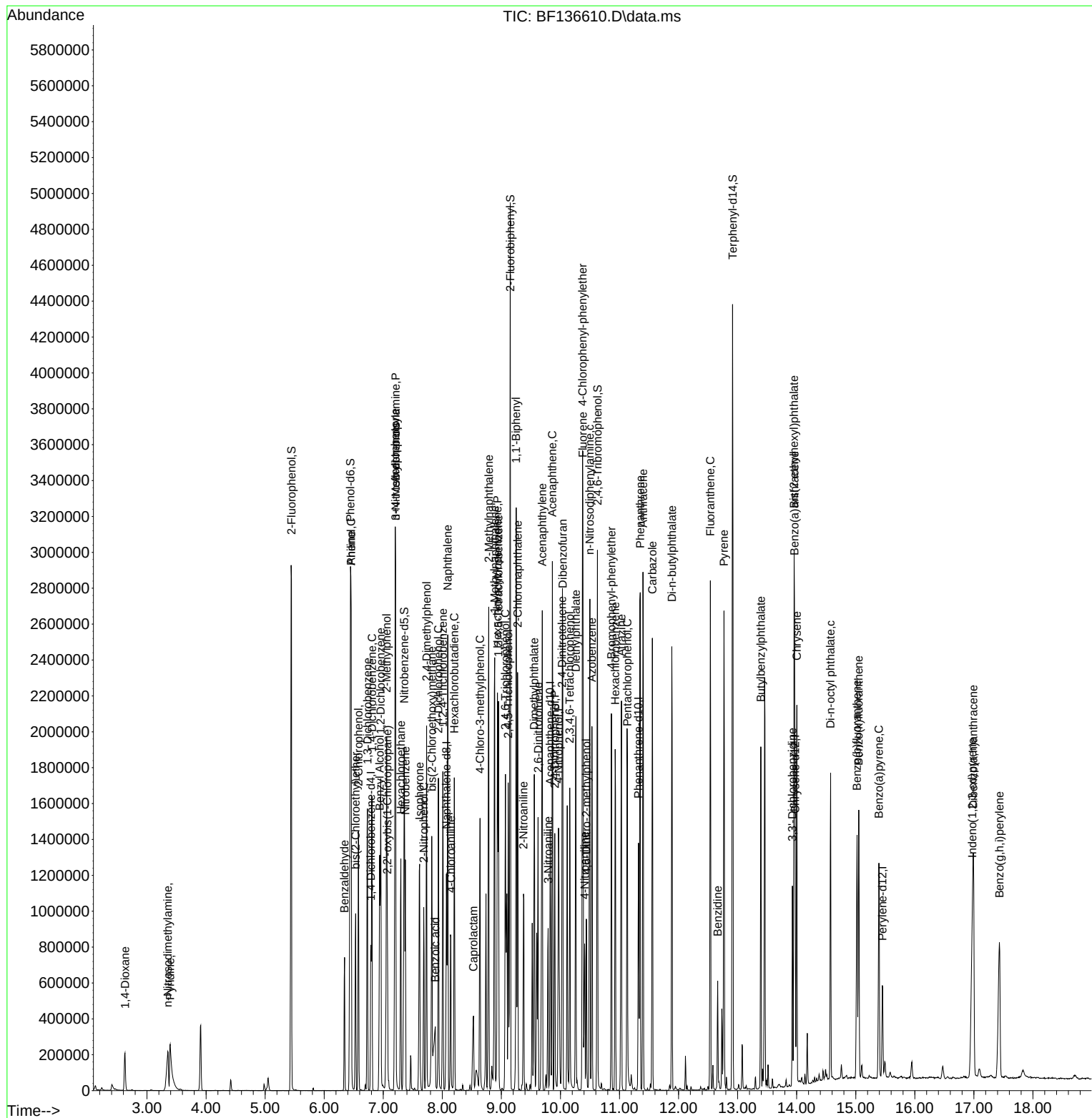
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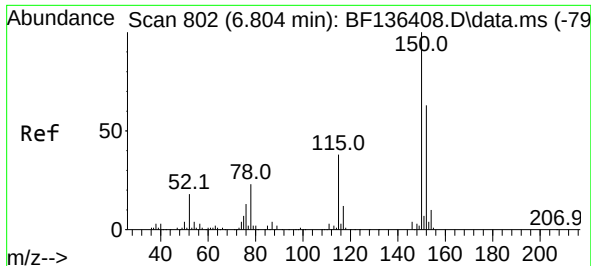
Instrument :
BNA_F
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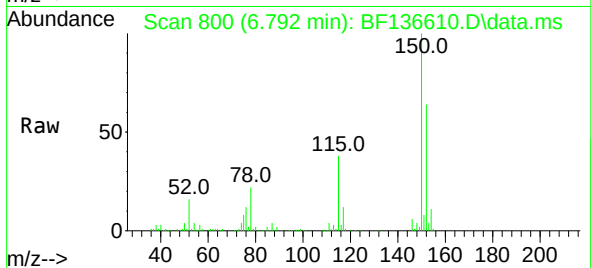
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 80
Delta R.T. 0.005 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157778BS



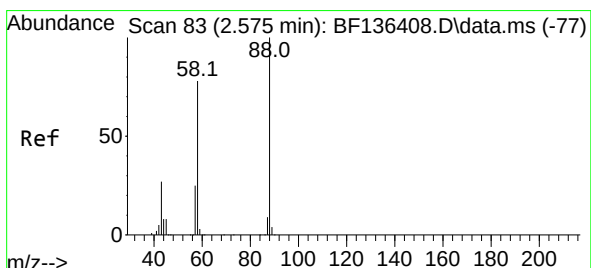
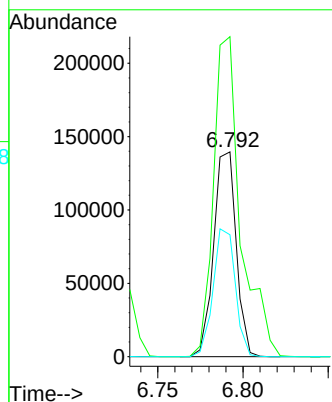
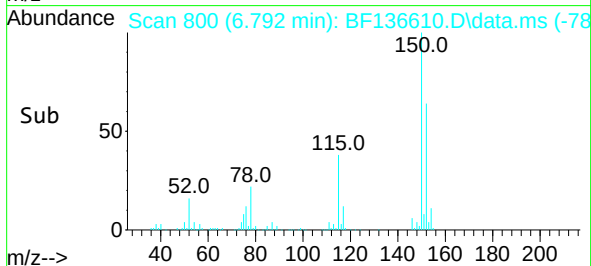
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Ion Ratio Lower Upper
152 100
150 156.2 126.4 189.6
115 59.5 48.2 72.4

Manual Integrations

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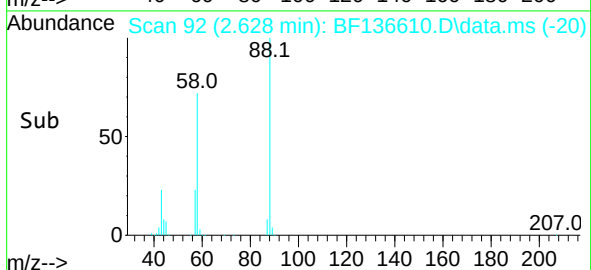
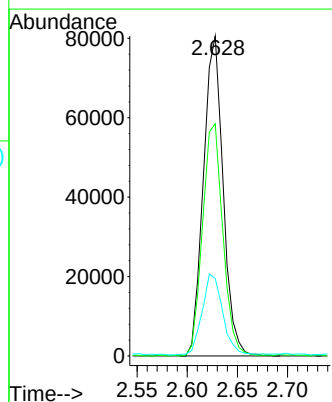
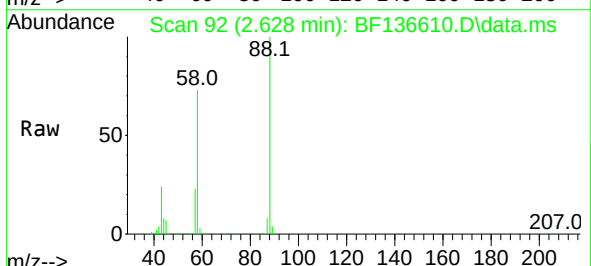
Reviewed By :Yogesh Patel 12/19/2023

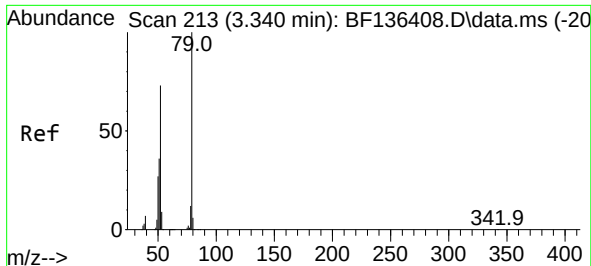
Supervised By :mohammad ahmed 12/19/2023



#2
1,4-Dioxane
Concen: 31.955 ng
RT: 2.628 min Scan# 92
Delta R.T. 0.076 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

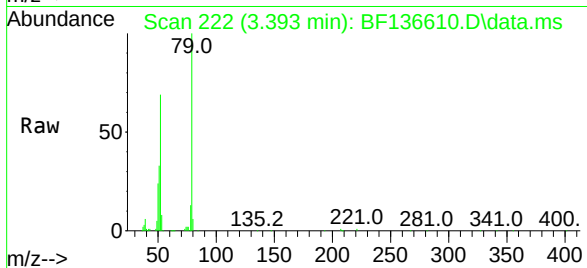
Tgt Ion: 88 Resp: 110168
Ion Ratio Lower Upper
88 100
58 75.1 62.2 93.2
43 26.3 21.5 32.3





#3
Pyridine
Concen: 30.643 ng
RT: 3.393 min Scan# 213
Delta R.T. 0.082 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

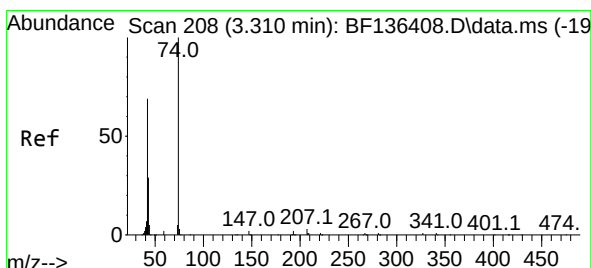
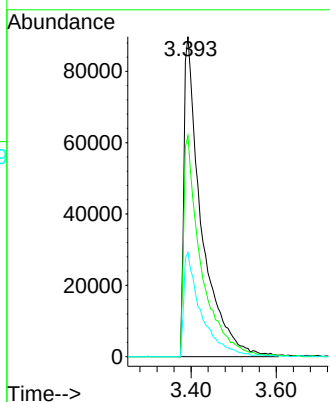
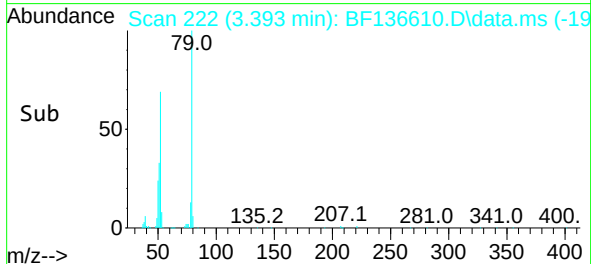
Instrument :
BNA_F
ClientSampleId :
PB157778BS



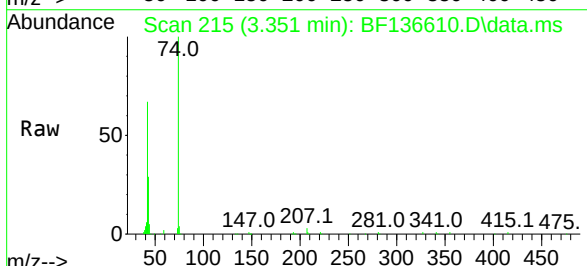
Tgt Ion: 79 Resp: 255840
Ion Ratio Lower Upper
79 100
52 69.1 58.2 87.2
51 32.5 29.1 43.7

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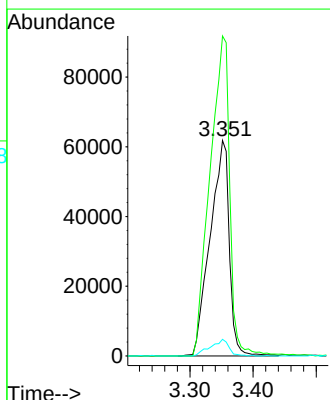
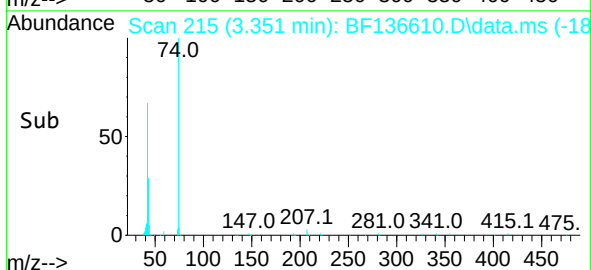
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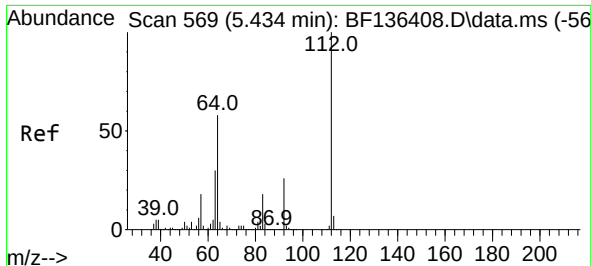


#4
n-Nitrosodimethylamine
Concen: 36.040 ng
RT: 3.351 min Scan# 215
Delta R.T. 0.065 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50



Tgt Ion: 42 Resp: 130728
Ion Ratio Lower Upper
42 100
74 148.5 115.4 173.0
44 7.7 6.2 9.2





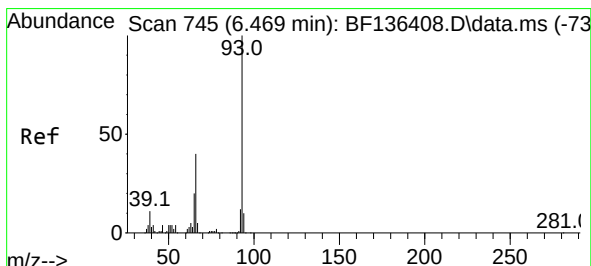
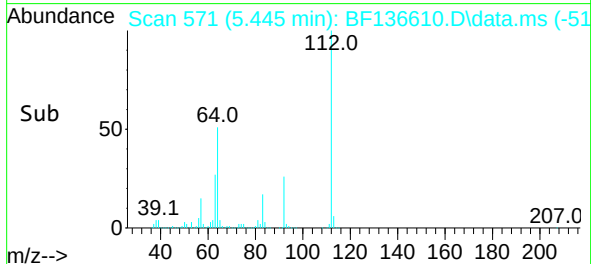
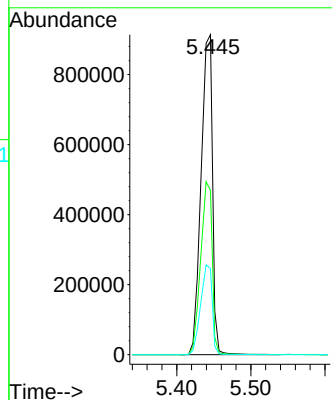
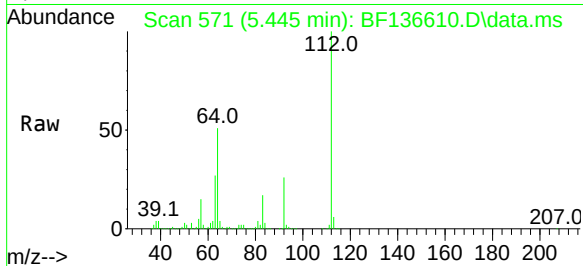
#5
2-Fluorophenol
Concen: 112.325 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Instrument :
BNA_F
ClientSampleId :
PB157778BS

Tgt Ion:112 Resp: 97907
Ion Ratio Lower Upper
112 100
64 51.4 46.5 69.7
63 26.9 23.9 35.9

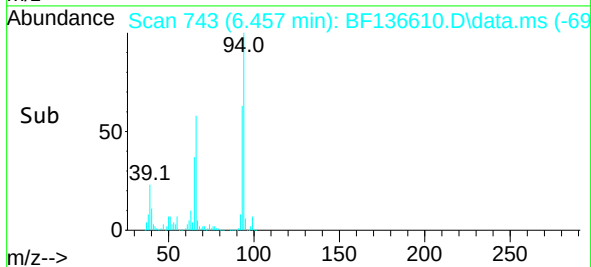
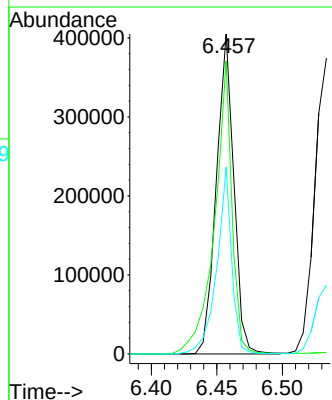
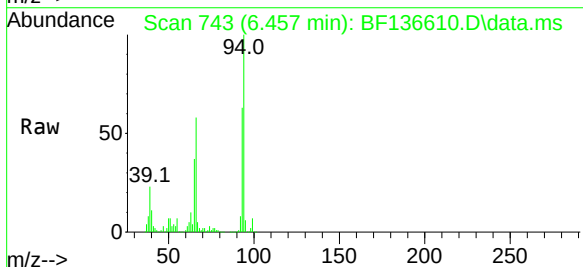
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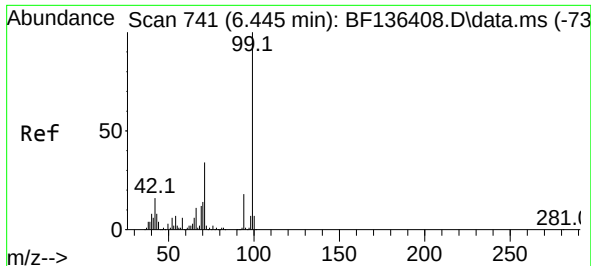
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#6
Aniline
Concen: 34.070 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

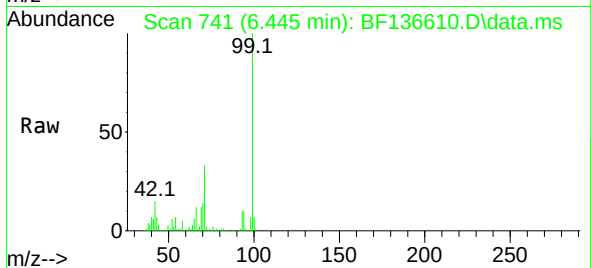
Tgt Ion: 93 Resp: 374446
Ion Ratio Lower Upper
93 100
66 91.6 32.5 48.7#
65 58.4 16.4 24.6#





#7
Phenol-d6
Concen: 110.885 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.012 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

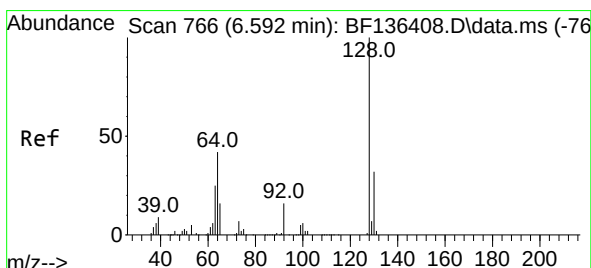
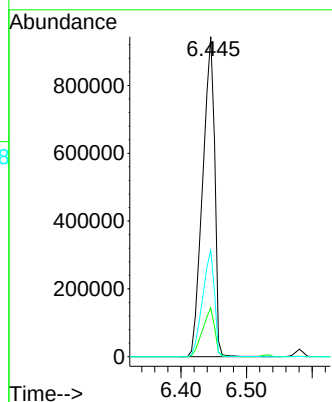
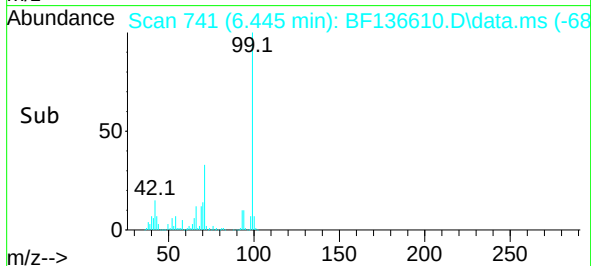
Instrument :
BNA_F
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Tgt Ion: 99 Resp: 120588
Ion Ratio Lower Upper
99 100
42 15.2 12.8 19.2
71 33.2 27.0 40.4

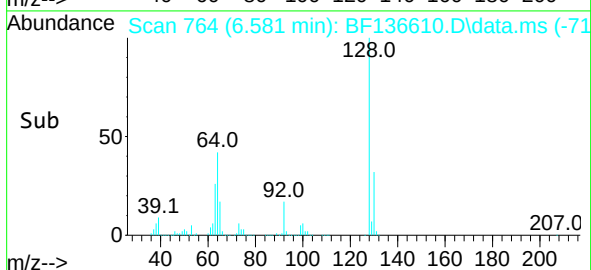
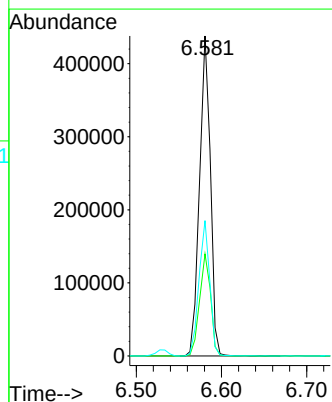
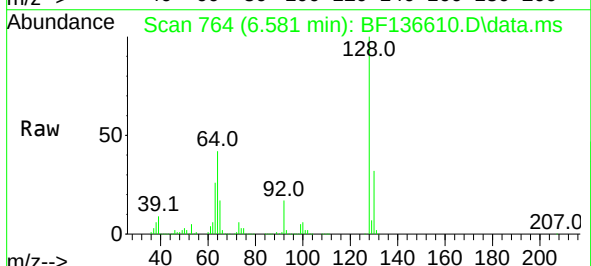
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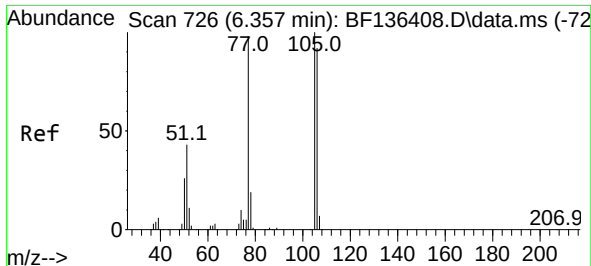
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#8
2-Chlorophenol
Concen: 40.832 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

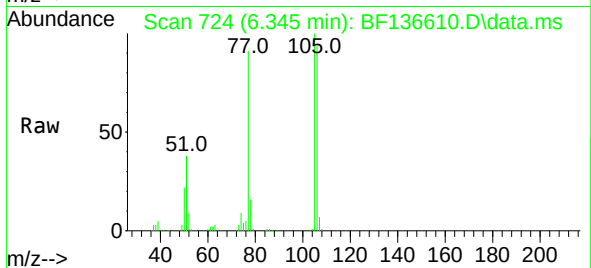
Tgt Ion:128 Resp: 388547
Ion Ratio Lower Upper
128 100
130 31.9 11.7 51.7
64 42.3 22.5 62.5





#9
Benzaldehyde
Concen: 21.766 ng
RT: 6.345 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF136610.D
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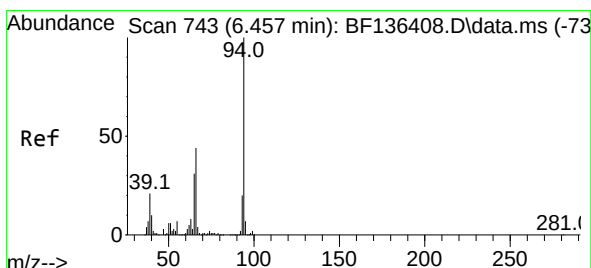
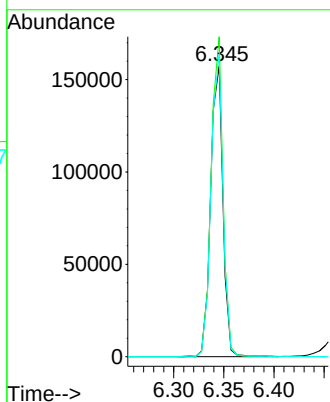
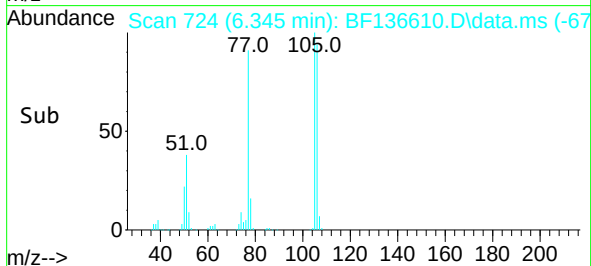
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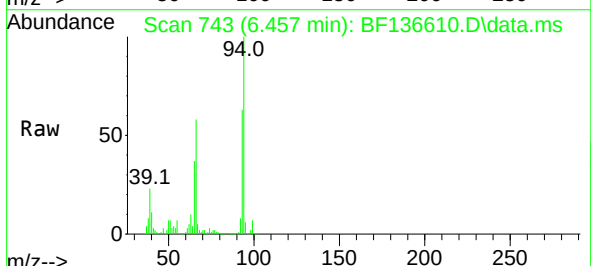
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Ion Ratio Lower Upper
77 100
105 110.1 82.5 122.5
106 104.1 74.5 114.5

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APPROVED

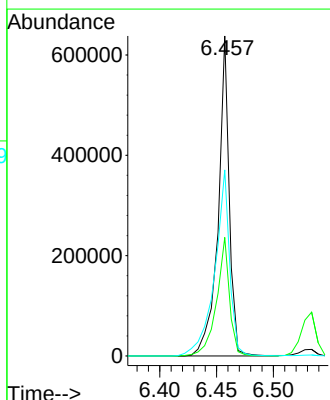
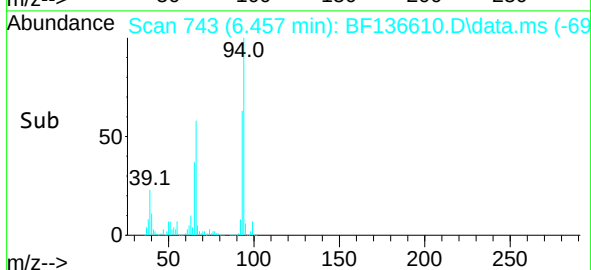
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

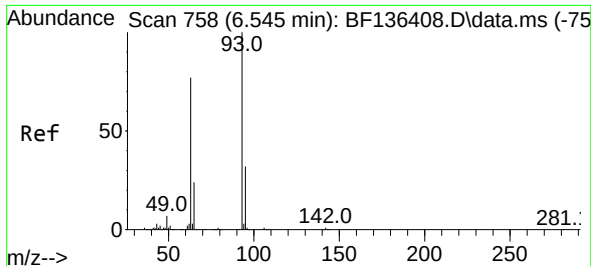


#10
Phenol
Concen: 37.779 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.012 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50



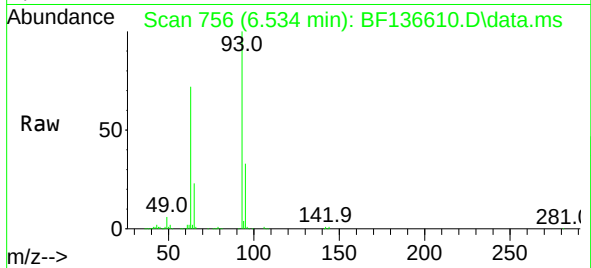
Tgt Ion: 94 Resp: 437187
Ion Ratio Lower Upper
94 100
65 37.1 11.2 51.2
66 58.1 24.2 64.2





#11
bis(2-Chloroethyl)ether
Concen: 39.359 ng
RT: 6.534 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

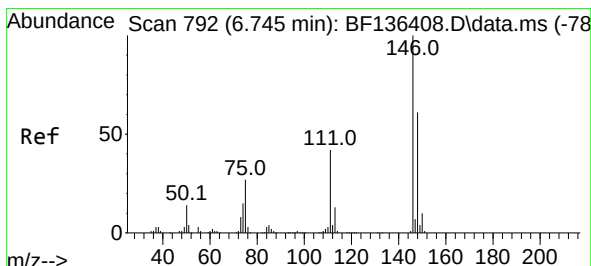
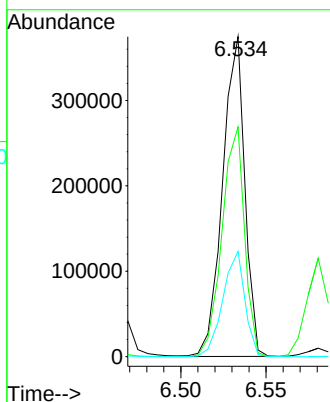
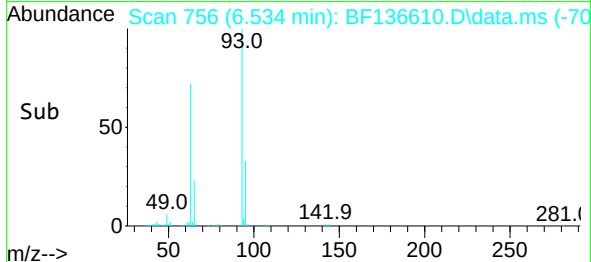
Instrument :
BNA_F
ClientSampleId :
PB157778BS



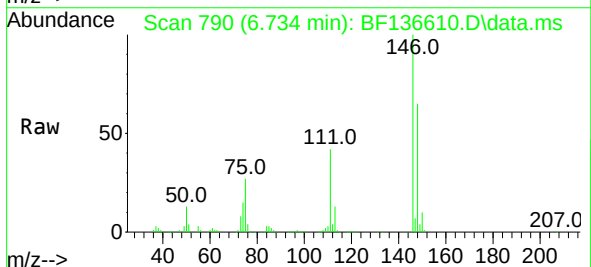
Tgt Ion: 93 Resp: 339502
Ion Ratio Lower Upper
93 100
63 71.8 56.8 96.8
95 32.9 11.8 51.8

Manual Integrations
APPROVED

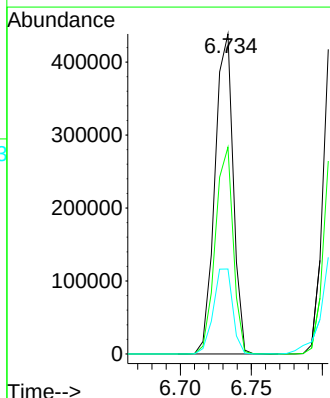
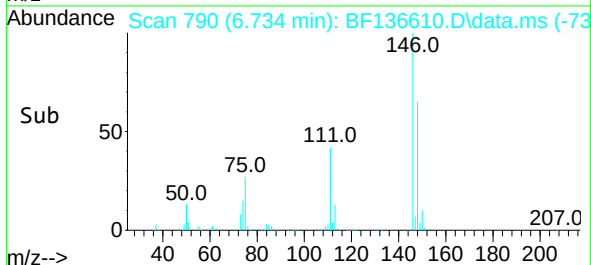
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

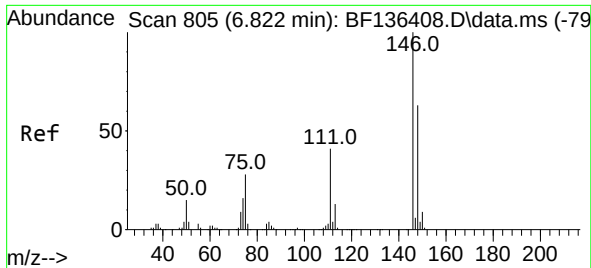


#12
1,3-Dichlorobenzene
Concen: 36.625 ng
RT: 6.734 min Scan# 790
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50



Tgt Ion:146 Resp: 391939
Ion Ratio Lower Upper
146 100
148 64.6 49.0 73.6
75 26.6 21.8 32.6





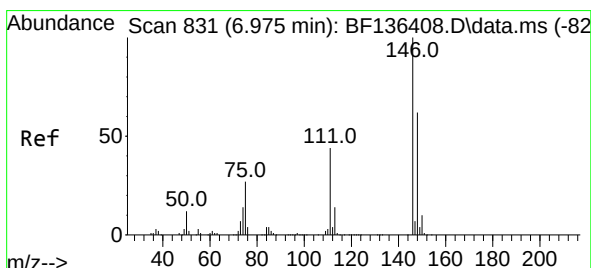
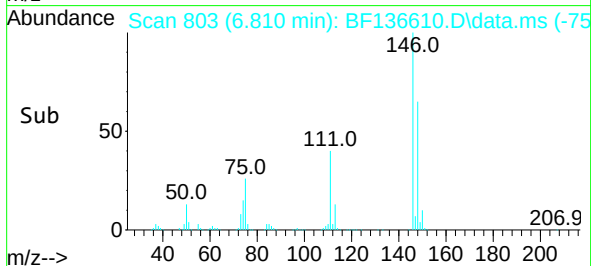
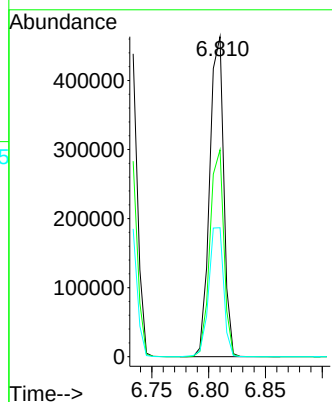
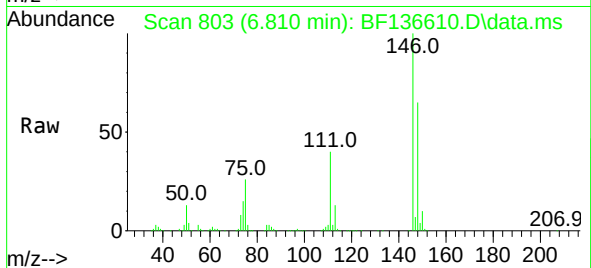
#13
1,4-Dichlorobenzene
Concen: 36.637 ng
RT: 6.810 min Scan# 805
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Instrument :
BNA_F
ClientSampleId :
PB157778BS

Tgt Ion:146 Resp: 397721
Ion Ratio Lower Upper
146 100
148 64.7 50.3 75.5
111 40.3 32.6 49.0

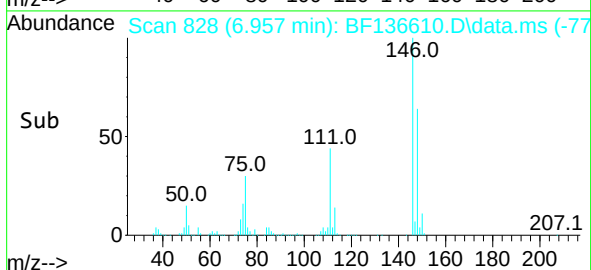
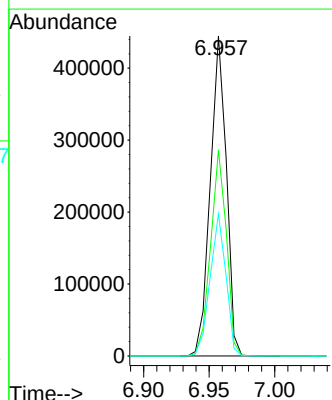
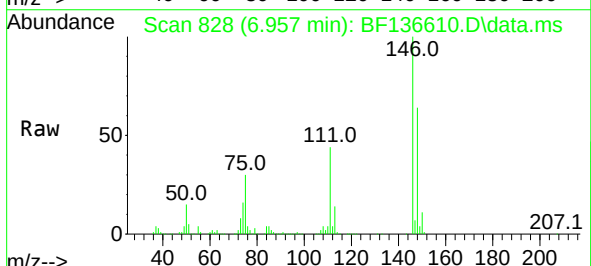
Manual Integrations
APPROVED

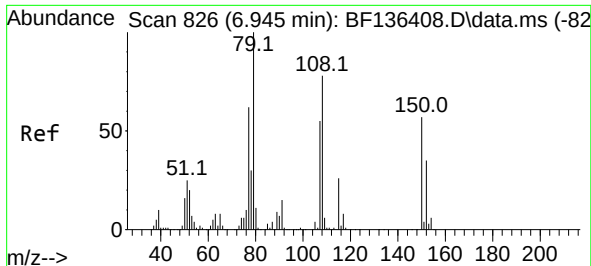
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#14
1,2-Dichlorobenzene
Concen: 37.100 ng
RT: 6.957 min Scan# 828
Delta R.T. -0.000 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

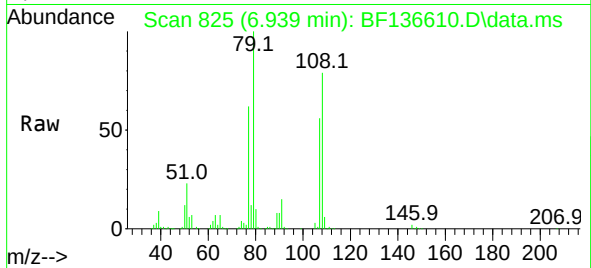
Tgt Ion:146 Resp: 378721
Ion Ratio Lower Upper
146 100
148 64.4 49.8 74.6
111 44.4 34.9 52.3





#15
Benzyl Alcohol
Concen: 42.220 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

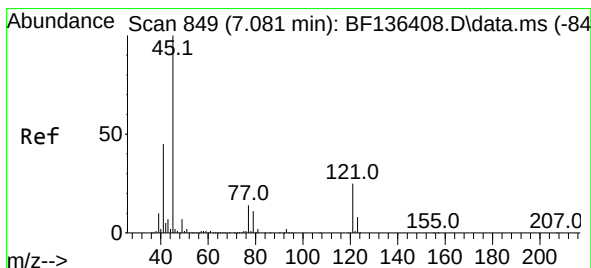
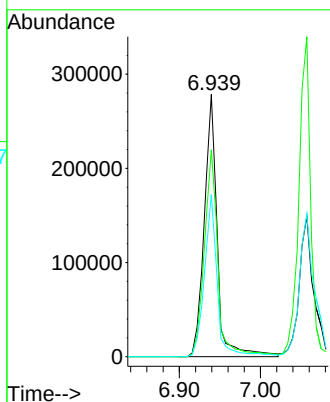
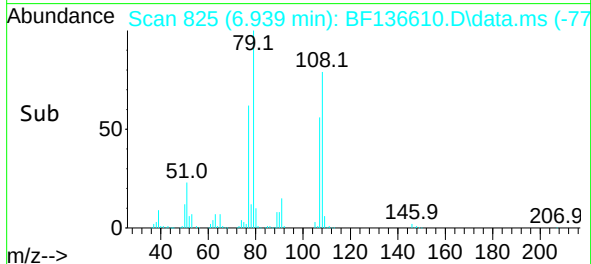
Instrument :
BNA_F
ClientSampleId :
PB157778BS



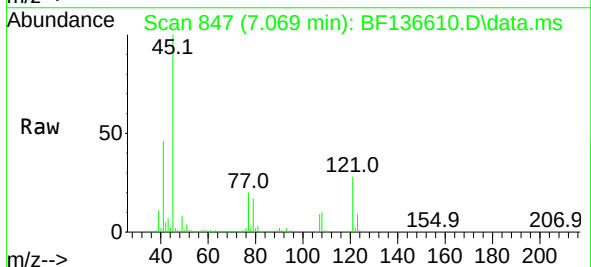
Tgt Ion: 79 Resp: 307459
Ion Ratio Lower Upper
79 100
108 78.9 62.3 93.5
77 61.8 49.8 74.8

Manual Integrations
APPROVED

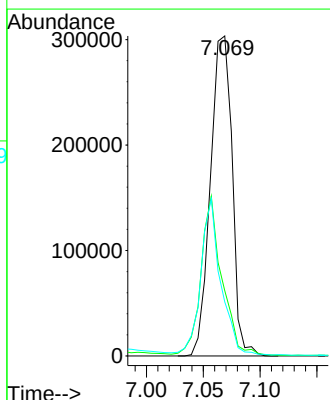
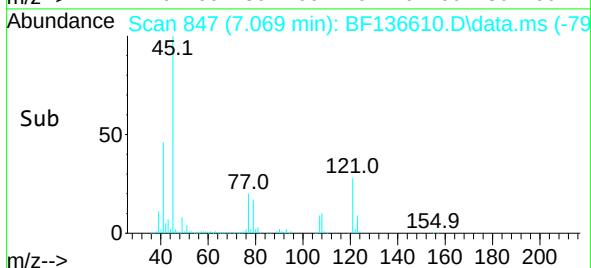
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

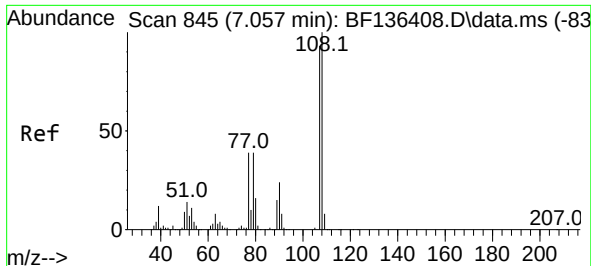


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.370 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50



Tgt Ion: 45 Resp: 403483
Ion Ratio Lower Upper
45 100
77 20.4 0.0 35.3
79 16.9 0.0 32.5





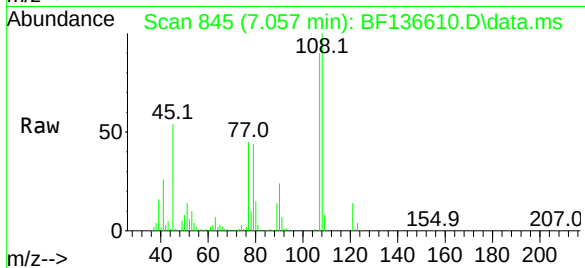
#17
2-Methylphenol
Concen: 39.908 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.012 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157778BS

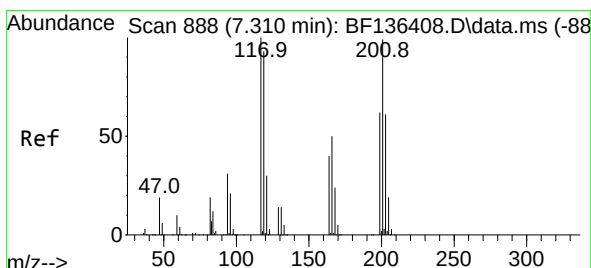
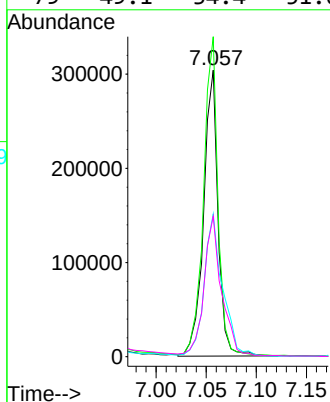
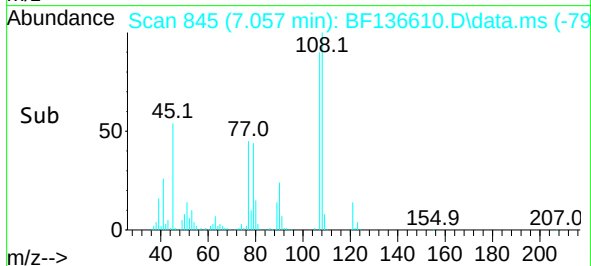


Tgt Ion:107 Resp: 306808
Ion Ratio Lower Upper
107 100
108 111.7 86.5 129.7
77 49.8 33.8 50.8
79 49.1 34.4 51.6

Manual Integrations

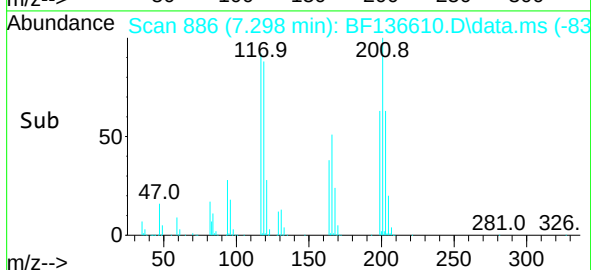
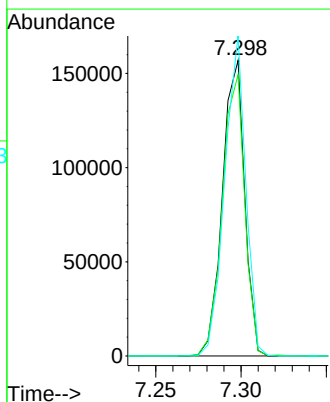
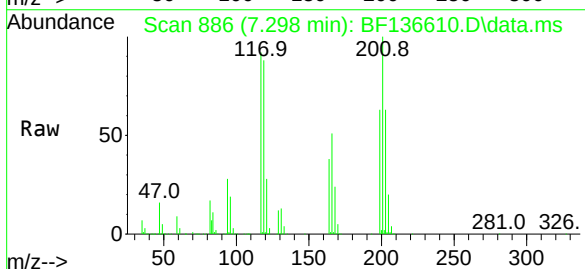
APPROVED

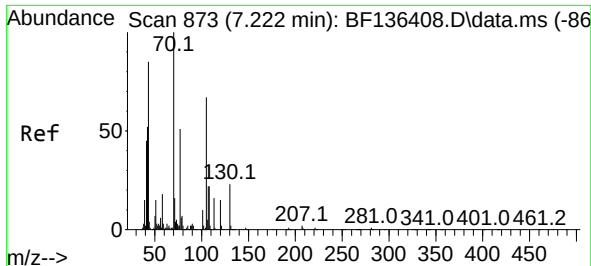
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#18
Hexachloroethane
Concen: 37.494 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Tgt Ion:117 Resp: 142106
Ion Ratio Lower Upper
117 100
119 95.2 74.3 111.5
201 108.3 79.3 118.9





#19

n-Nitroso-di-n-propylamine

Concen: 39.020 ng

RT: 7.210 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF136610.D

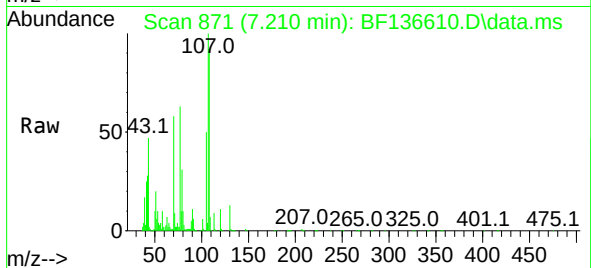
Acq: 18 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157778BS



Tgt Ion: 70 Resp: 244789

Ion Ratio Lower Upper

70 100

42 47.8 41.4 62.0

101 10.2 8.2 12.4

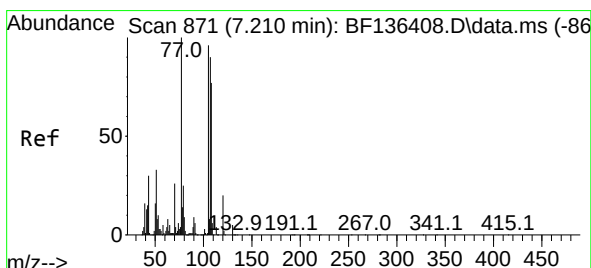
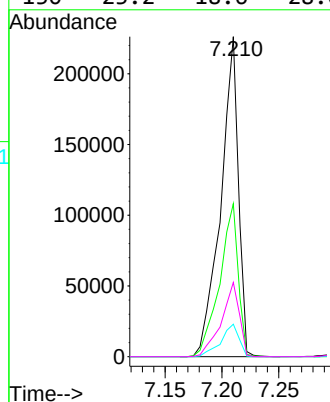
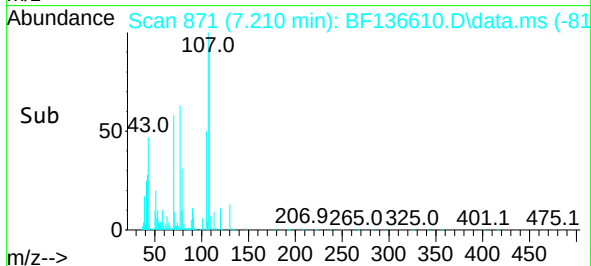
130 23.2 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2023

Supervised By :mohammad ahmed 12/19/2023



#20

3+4-Methylphenols

Concen: 39.412 ng

RT: 7.210 min Scan# 871

Delta R.T. 0.006 min

Lab File: BF136610.D

Acq: 18 Dec 2023 12:50

Tgt Ion:107 Resp: 376077

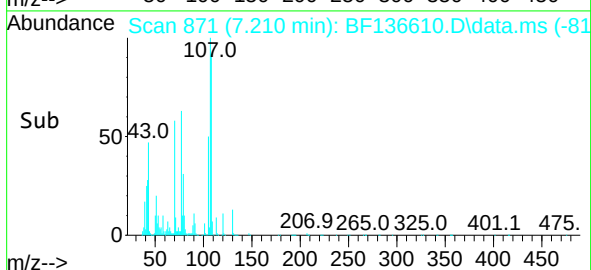
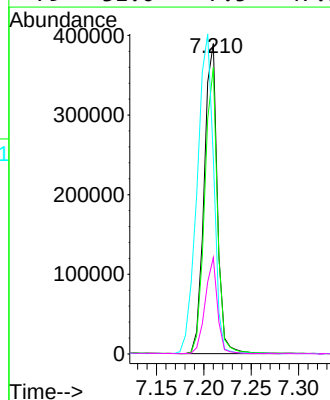
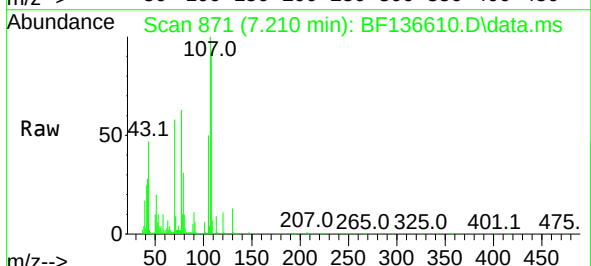
Ion Ratio Lower Upper

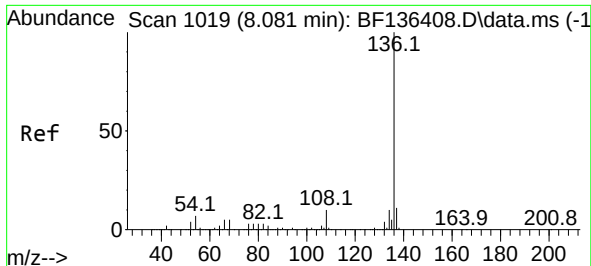
107 100

108 92.2 65.9 105.9

77 63.2 91.7 131.7#

79 31.0 7.5 47.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Instrument :

BNA_F

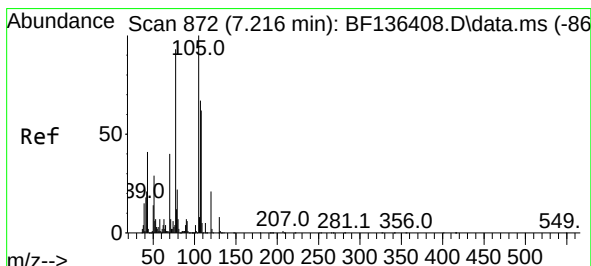
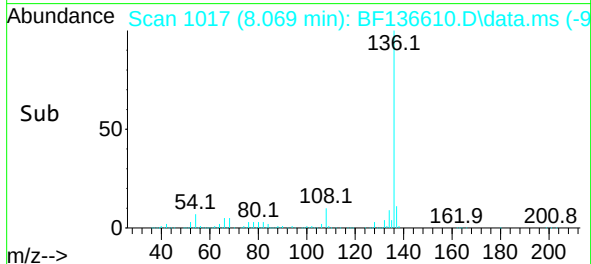
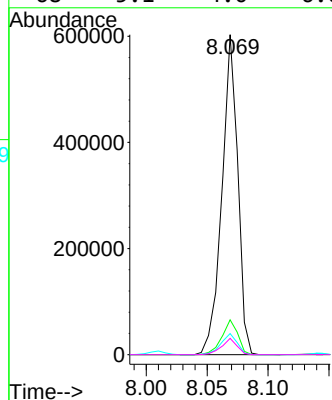
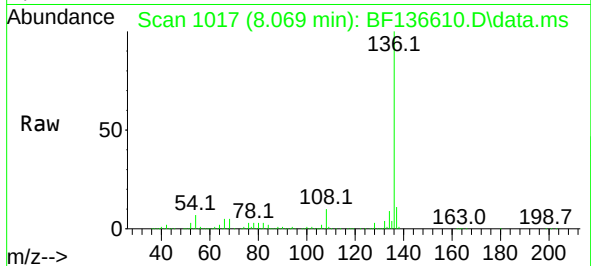
ClientSampleId :

PB157778BS

Tgt Ion:136 Resp: 54668
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 6.6 5.7 8.5
68 5.1 4.0 6.0

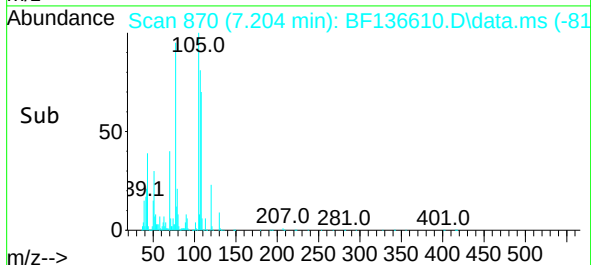
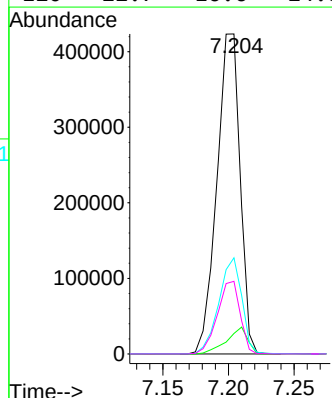
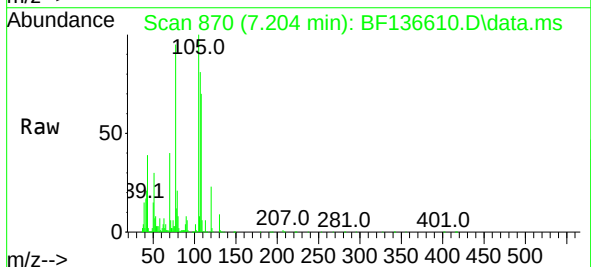
Manual Integrations
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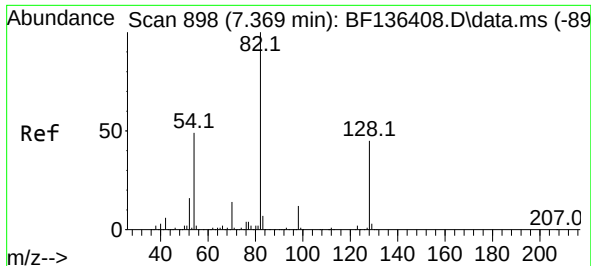
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#22
Acetophenone
Concen: 38.609 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Tgt Ion:105 Resp: 521202
Ion Ratio Lower Upper
105 100
71 6.4 5.4 8.0
51 30.0 23.4 35.2
120 22.7 16.6 24.8





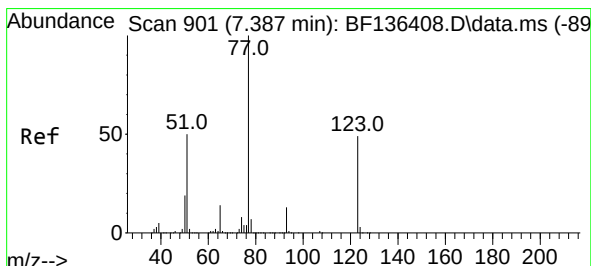
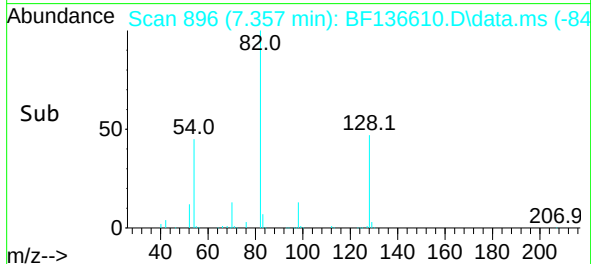
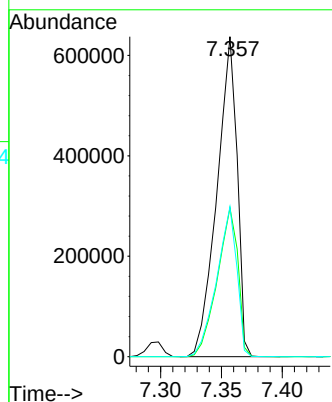
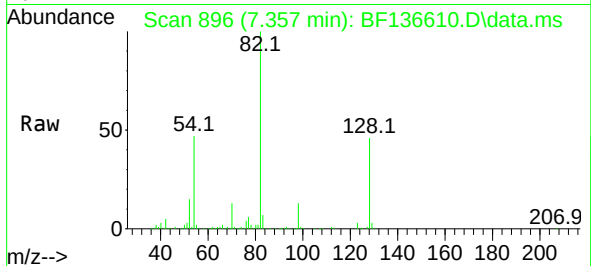
#23
Nitrobenzene-d5
Concen: 72.765 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.000 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Instrument :
BNA_F
ClientSampleId :
PB157778BS

Tgt Ion: 82 Resp: 735820
Ion Ratio Lower Upper
82 100
128 46.5 36.3 54.5
54 46.8 39.0 58.6

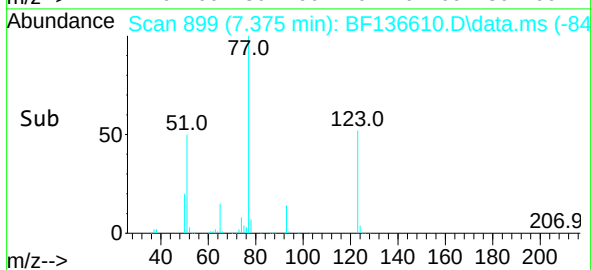
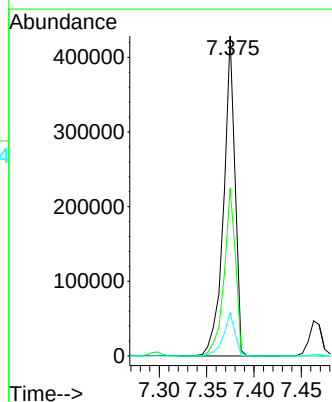
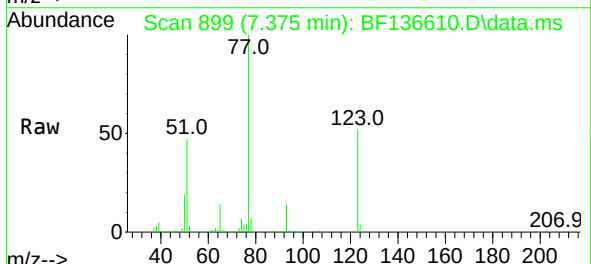
Manual Integrations
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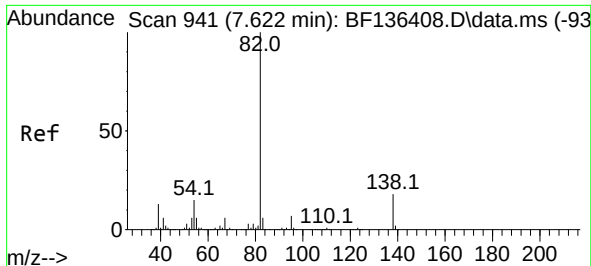
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#24
Nitrobenzene
Concen: 35.385 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Tgt Ion: 77 Resp: 359967
Ion Ratio Lower Upper
77 100
123 52.4 39.0 58.6
65 13.5 11.3 16.9





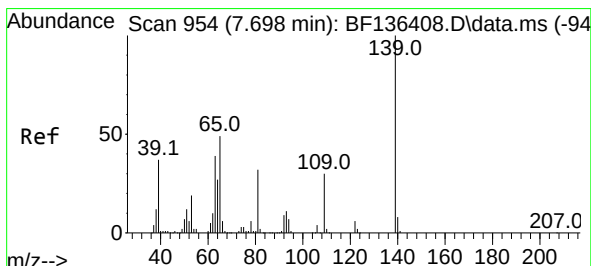
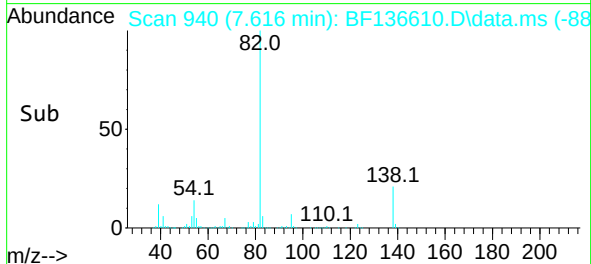
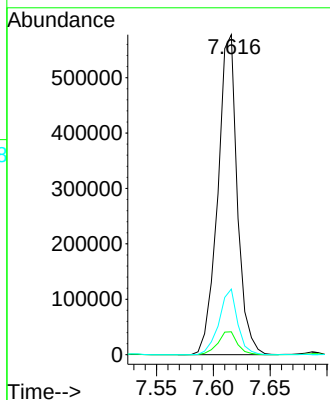
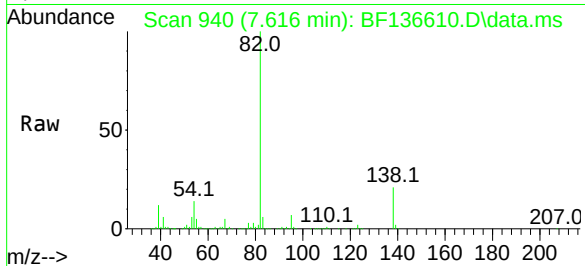
#25
Isophorone
Concen: 38.104 ng
RT: 7.616 min Scan# 941
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Instrument :
BNA_F
ClientSampleId :
PB157778BS

Tgt Ion: 82 Resp: 692270
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 20.5 14.5 21.7

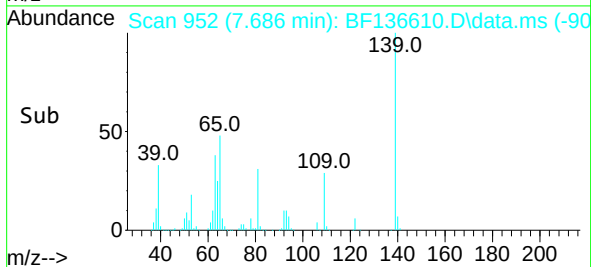
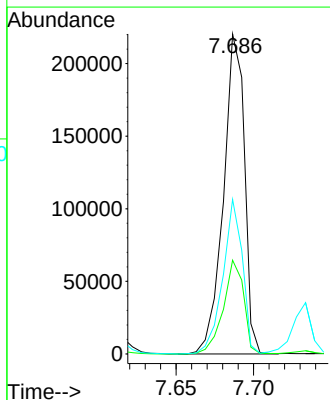
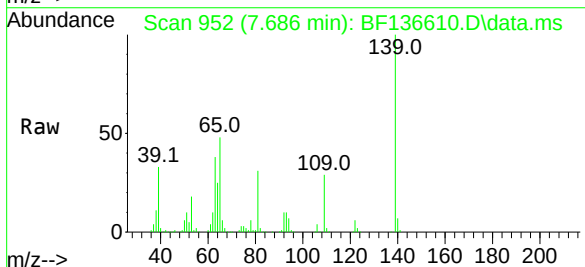
Manual Integrations
APPROVED

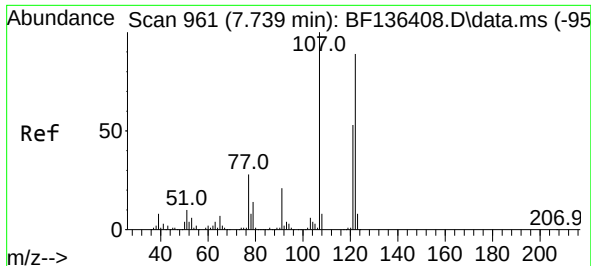
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#26
2-Nitrophenol
Concen: 41.492 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.000 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Tgt Ion:139 Resp: 207507
Ion Ratio Lower Upper
139 100
109 29.3 23.6 35.4
65 48.3 39.4 59.2





#27

2,4-Dimethylphenol

Concen: 54.544 ng

RT: 7.733 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF136610.D

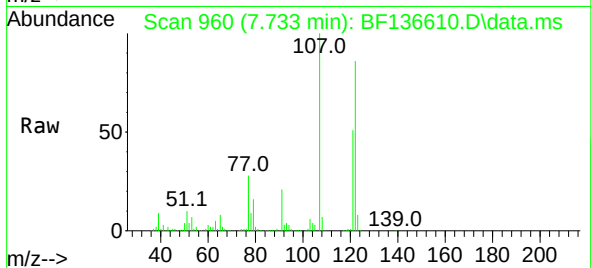
Acq: 18 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157778BS



Tgt Ion:122 Resp: 33636

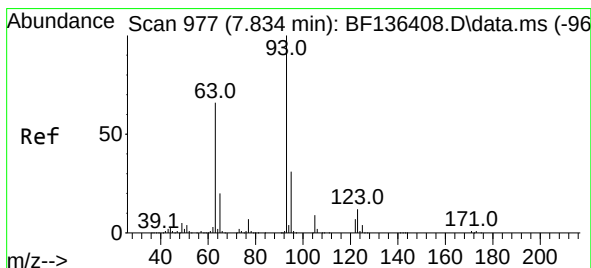
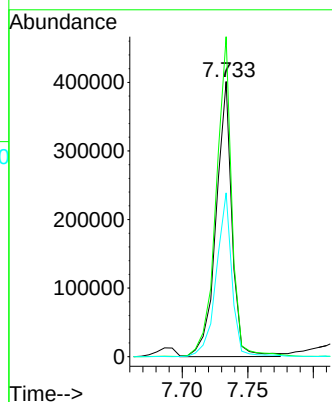
Ion	Ratio	Lower	Upper
122	100		
107	116.3	89.3	133.9
121	59.6	47.6	71.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2023

Supervised By :mohammad ahmed 12/19/2023



#28

bis(2-Chloroethoxy)methane

Concen: 39.227 ng

RT: 7.822 min Scan# 975

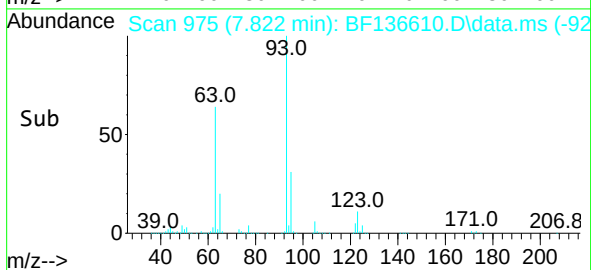
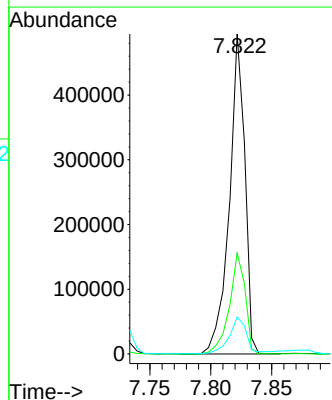
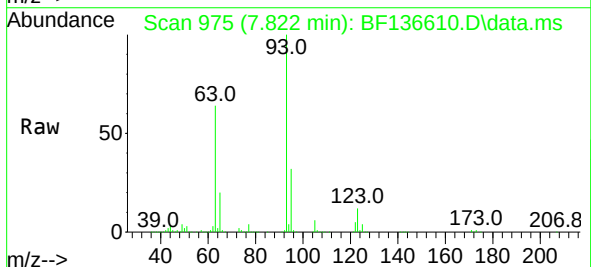
Delta R.T. -0.000 min

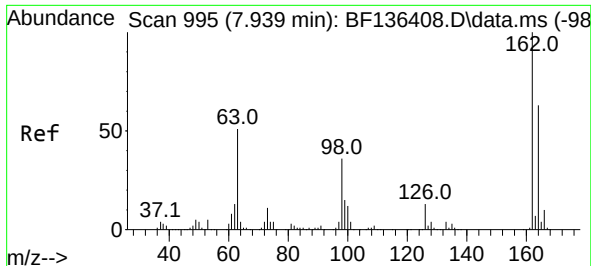
Lab File: BF136610.D

Acq: 18 Dec 2023 12:50

Tgt Ion: 93 Resp: 437931

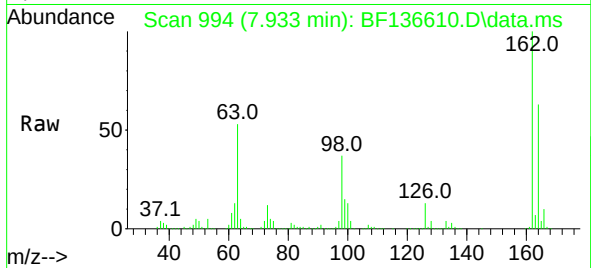
Ion	Ratio	Lower	Upper
93	100		
95	31.6	25.0	37.4
123	11.6	9.4	14.0





#29
2,4-Dichlorophenol
Concen: 40.165 ng
RT: 7.933 min Scan# 994
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

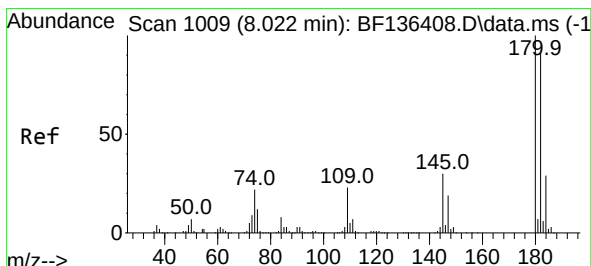
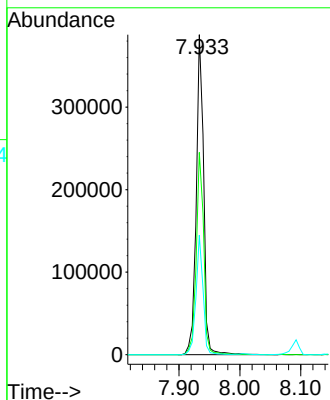
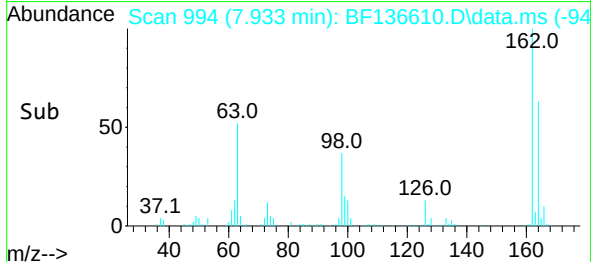
Instrument :
BNA_F
ClientSampleId :
PB157778BS



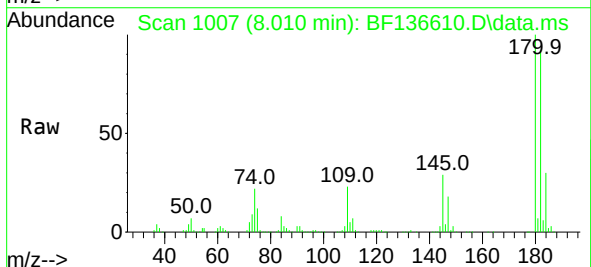
Tgt Ion:162 Resp: 326934
Ion Ratio Lower Upper
162 100
164 63.2 43.0 83.0
98 37.3 16.2 56.2

Manual Integrations
APPROVED

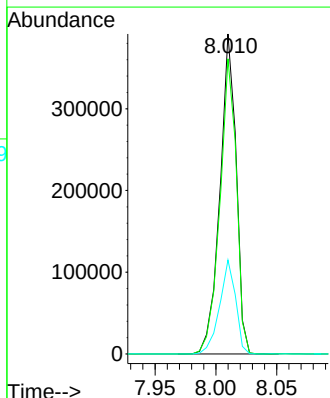
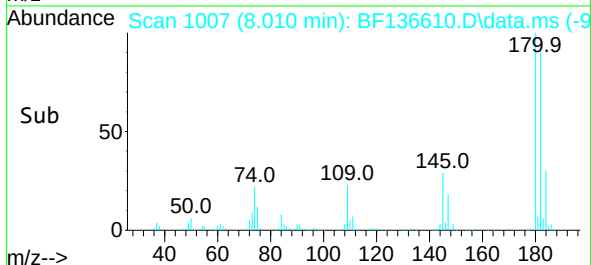
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

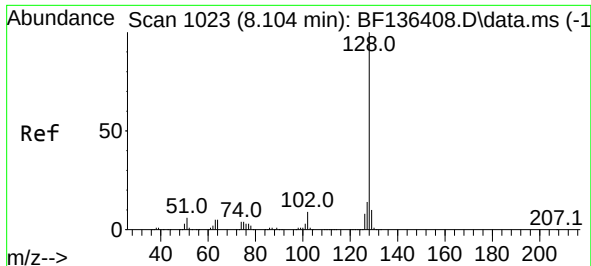


#30
1,2,4-Trichlorobenzene
Concen: 38.281 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50



Tgt Ion:180 Resp: 363343
Ion Ratio Lower Upper
180 100
182 92.3 73.1 109.7
145 29.3 23.8 35.8





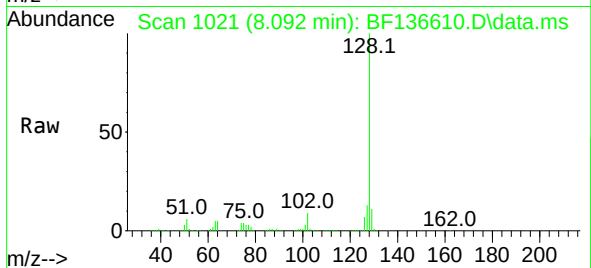
#31
Naphthalene
Concen: 37.120 ng
RT: 8.092 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157778BS



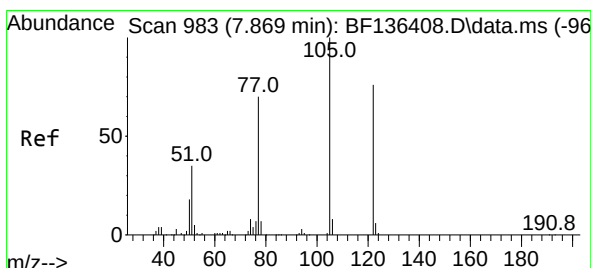
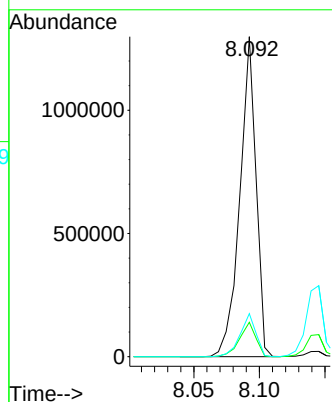
Tgt Ion:128 Resp: 1119070
Ion Ratio Lower Upper
128 100
129 10.7 8.3 12.5
127 13.4 11.1 16.7

Manual Integrations

APPROVED

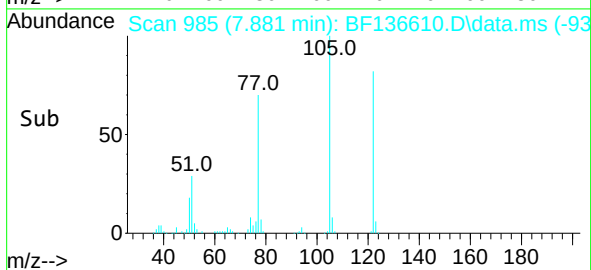
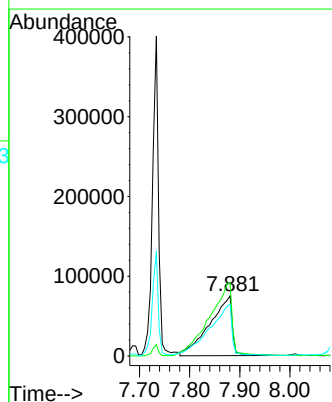
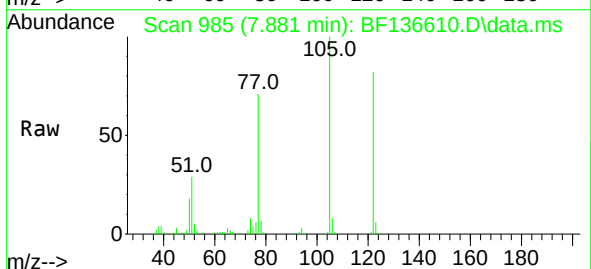
Reviewed By :Yogesh Patel 12/19/2023

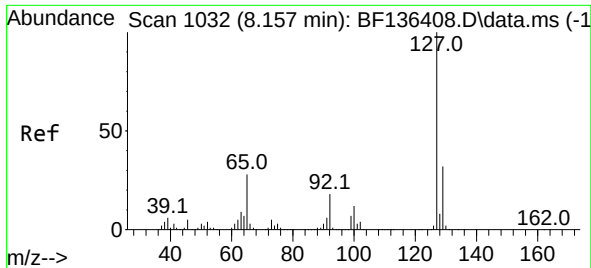
Supervised By :mohammad ahmed 12/19/2023



#32
Benzoic acid
Concen: 38.692 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.023 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Tgt Ion:122 Resp: 236697
Ion Ratio Lower Upper
122 100
105 121.8 104.7 144.7
77 86.1 68.5 108.5





#33
4-Chloroaniline
Concen: 25.364 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Instrument :

BNA_F

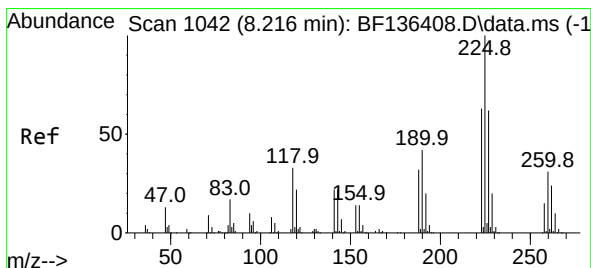
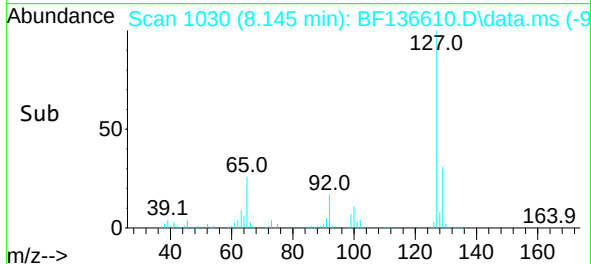
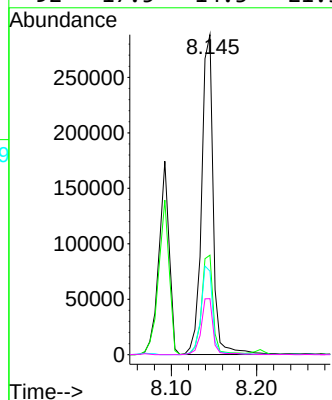
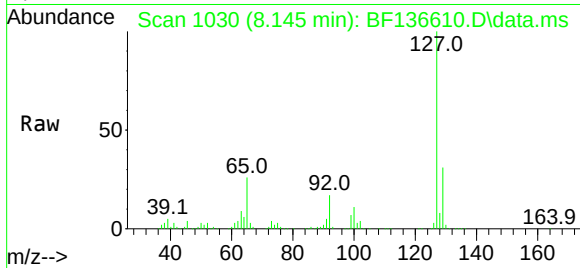
ClientSampleId :

PB157778BS

Tgt Ion:127 Resp: 27260
Ion Ratio Lower Upper
127 100
129 31.1 25.4 38.2
65 26.1 22.5 33.7
92 17.5 14.3 21.5

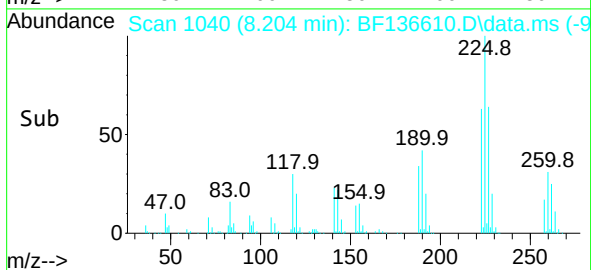
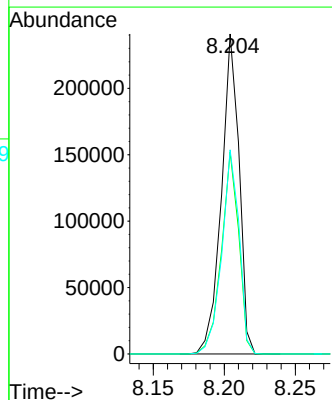
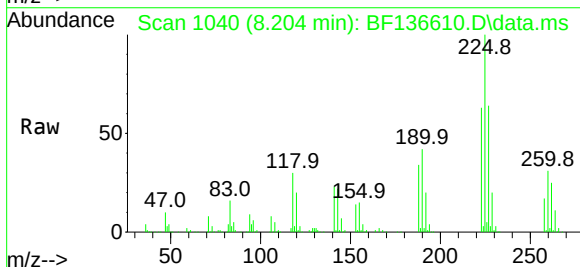
Manual Integrations
APPROVED

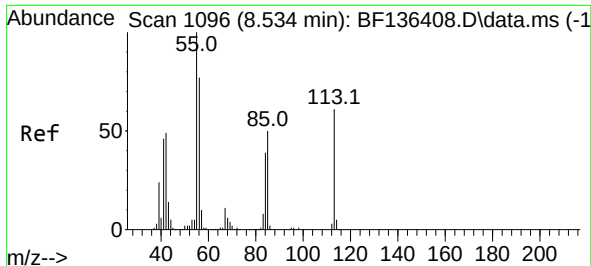
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#34
Hexachlorobutadiene
Concen: 36.868 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

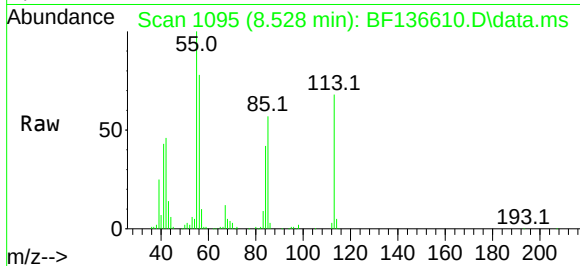
Tgt Ion:225 Resp: 207386
Ion Ratio Lower Upper
225 100
223 63.1 50.8 76.2
227 63.8 49.8 74.8





#35
Caprolactam
Concen: 42.441 ng m
RT: 8.528 min Scan# 1095
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

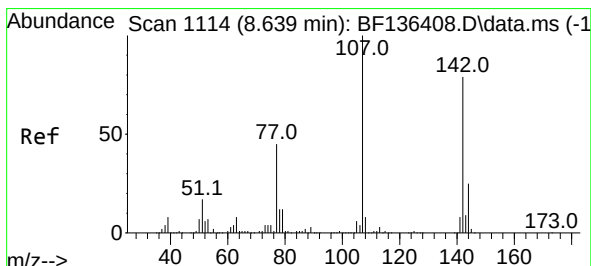
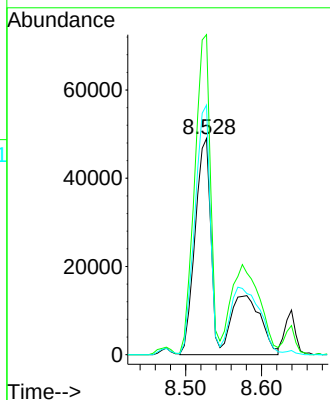
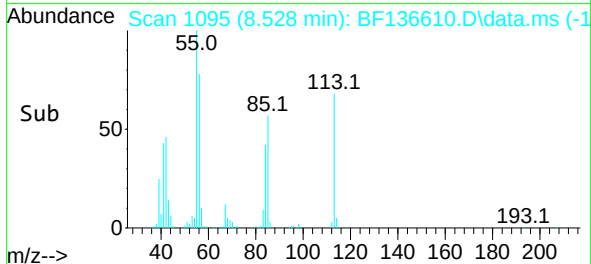
Instrument :
BNA_F
ClientSampleId :
PB157778BS



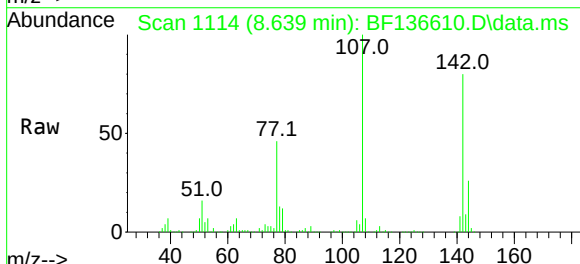
Tgt Ion:113 Resp: 106385
Ion Ratio Lower Upper
113 100
55 148.1 143.7 183.7
56 115.5 105.2 145.2

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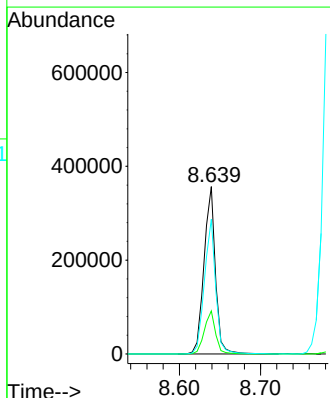
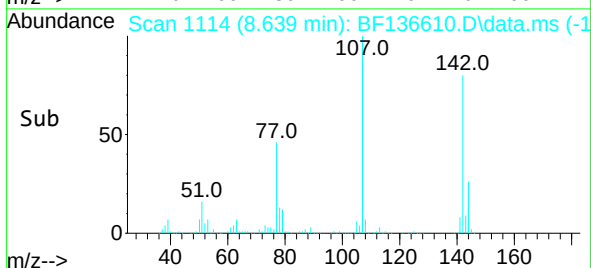
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

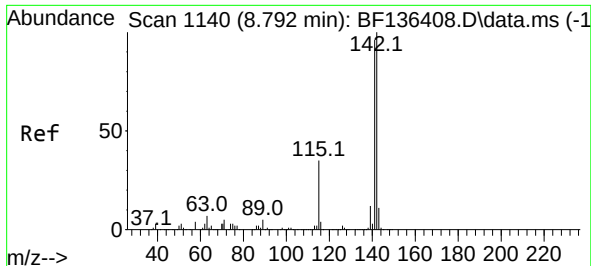


#36
4-Chloro-3-methylphenol
Concen: 40.274 ng
RT: 8.639 min Scan# 1114
Delta R.T. 0.012 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50



Tgt Ion:107 Resp: 348070
Ion Ratio Lower Upper
107 100
144 25.7 20.1 30.1
142 80.5 63.1 94.7





#37

2-Methylnaphthalene

Concen: 38.519 ng

RT: 8.786 min Scan# 1139

Delta R.T. 0.006 min

Lab File: BF136610.D

Acq: 18 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157778BS

Tgt Ion:142 Resp: 73876

Ion Ratio Lower Upper

142 100

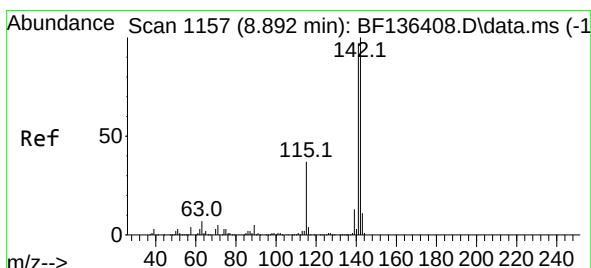
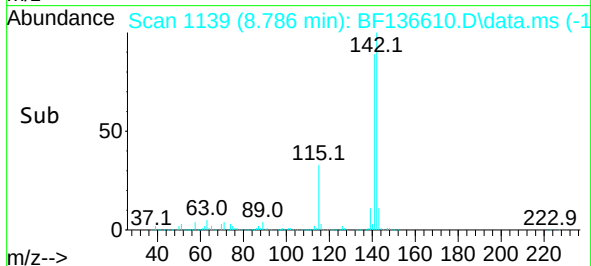
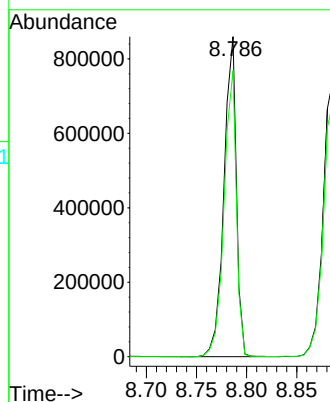
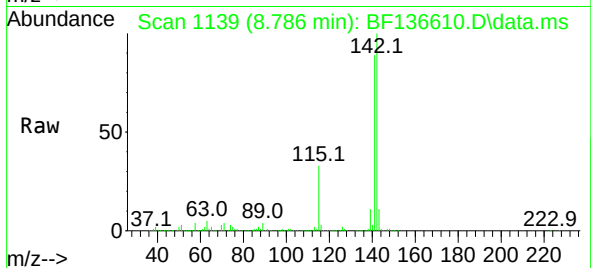
141 89.4 76.4 114.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2023

Supervised By :mohammad ahmed 12/19/2023



#38

1-Methylnaphthalene

Concen: 36.555 ng

RT: 8.886 min Scan# 1156

Delta R.T. 0.006 min

Lab File: BF136610.D

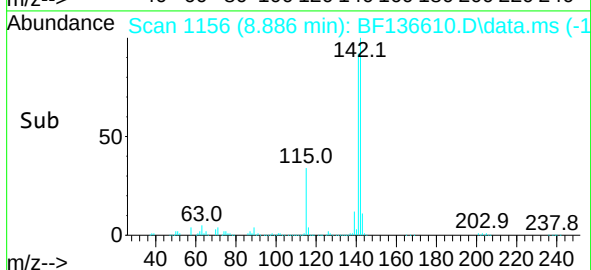
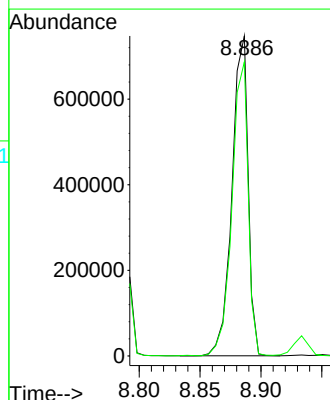
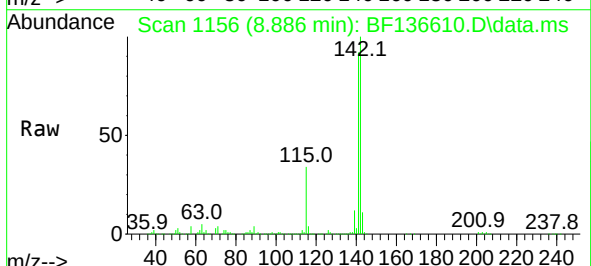
Acq: 18 Dec 2023 12:50

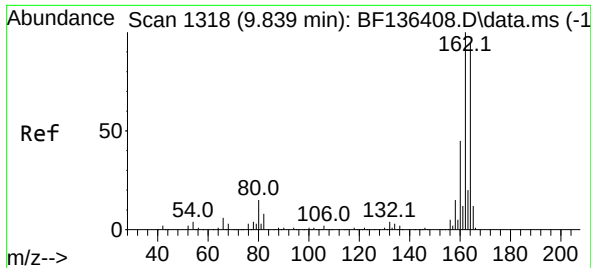
Tgt Ion:142 Resp: 687971

Ion Ratio Lower Upper

142 100

141 91.9 77.7 116.5





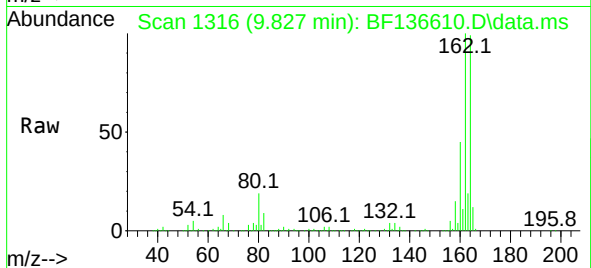
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157778BS



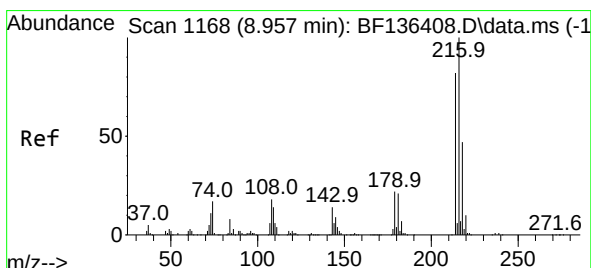
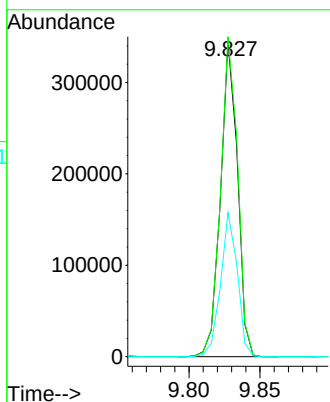
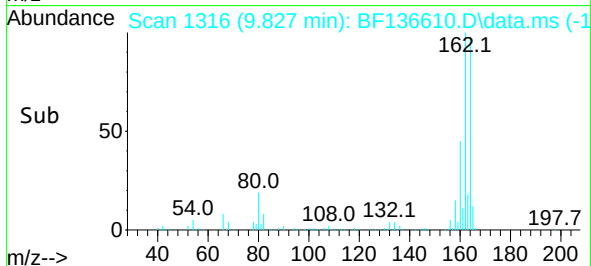
Tgt Ion:164 Resp: 285990
Ion Ratio Lower Upper
164 100
162 101.4 84.4 126.6
160 45.6 37.6 56.4

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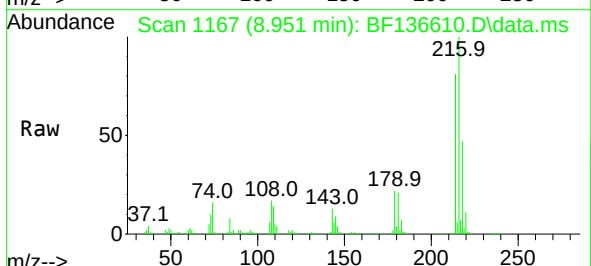
APPROVED

Reviewed By :Yogesh Patel 12/19/2023

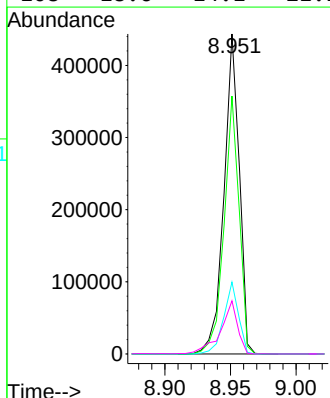
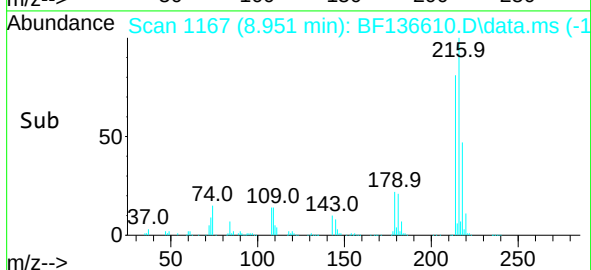
Supervised By :mohammad ahmed 12/19/2023

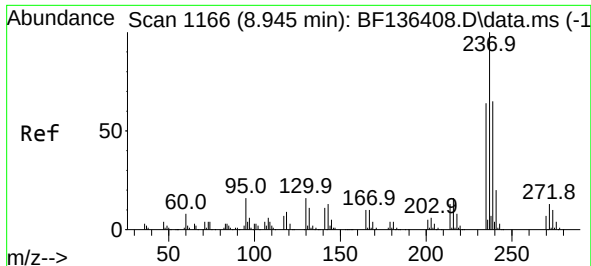


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.412 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50



Tgt Ion:216 Resp: 359580
Ion Ratio Lower Upper
216 100
214 79.1 64.1 96.1
179 21.7 17.0 25.6
108 18.6 14.1 21.1





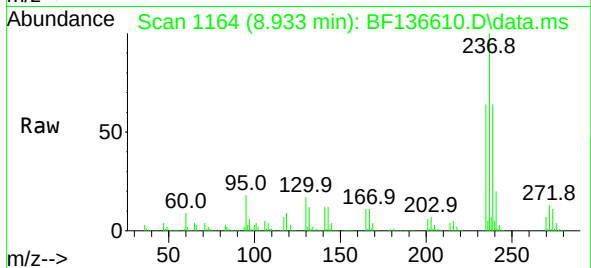
#41
Hexachlorocyclopentadiene
Concen: 104.263 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157778BS

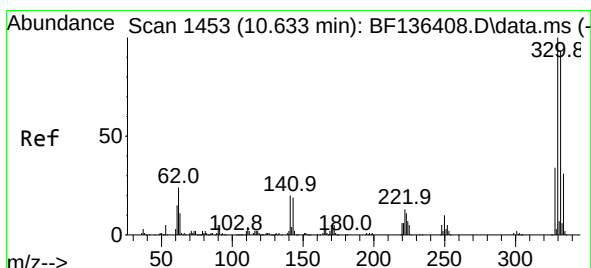
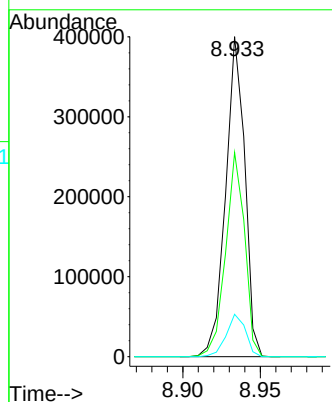


Tgt Ion:237 Resp: 343689
Ion Ratio Lower Upper
237 100
235 63.8 44.1 84.1
272 13.2 0.0 33.3

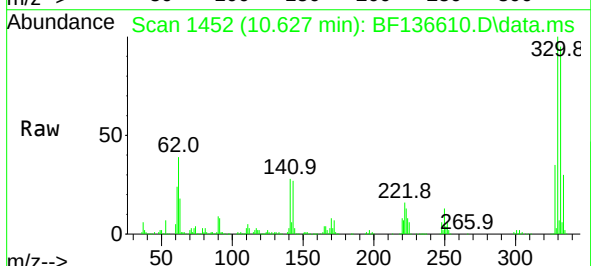
Manual Integrations

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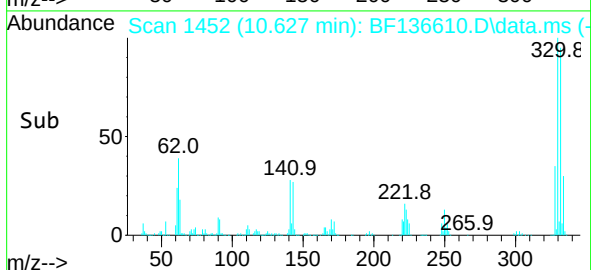
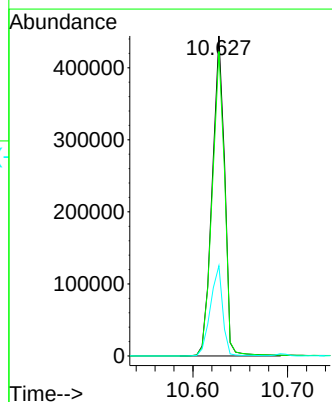
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

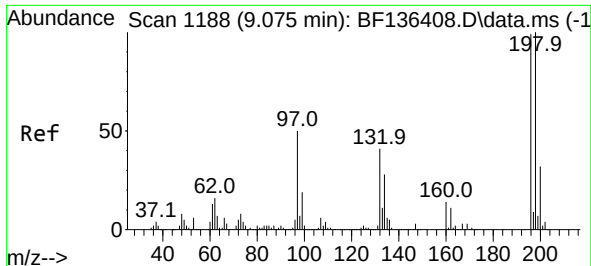


#42
2,4,6-Tribromophenol
Concen: 114.152 ng
RT: 10.627 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50



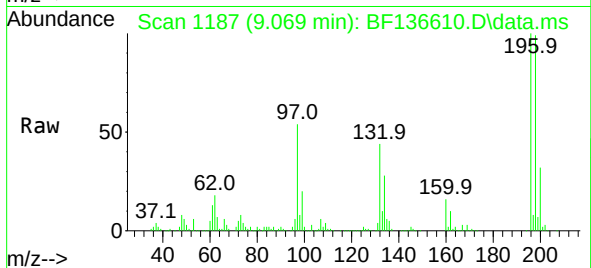
Tgt Ion:330 Resp: 402542
Ion Ratio Lower Upper
330 100
332 95.7 76.4 114.6
141 28.1 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 40.809 ng
RT: 9.069 min Scan# 1187
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

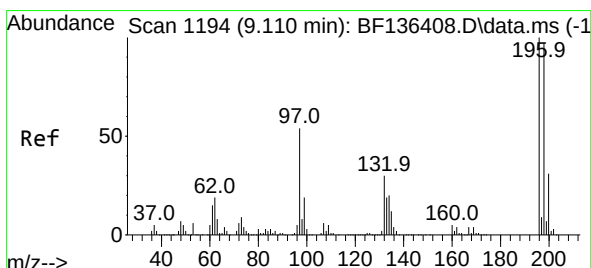
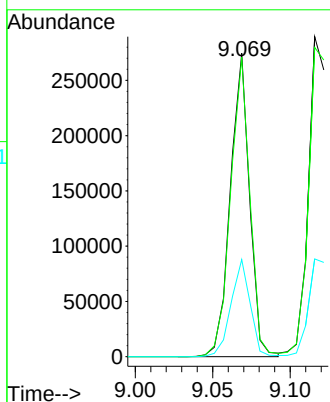
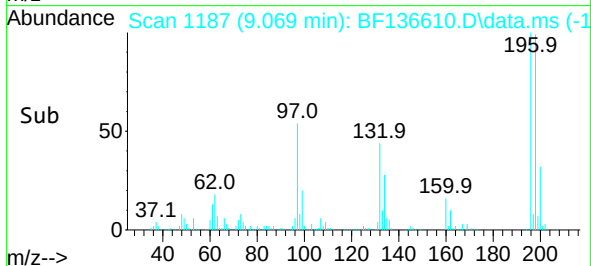
Instrument :
BNA_F
ClientSampleId :
PB157778BS



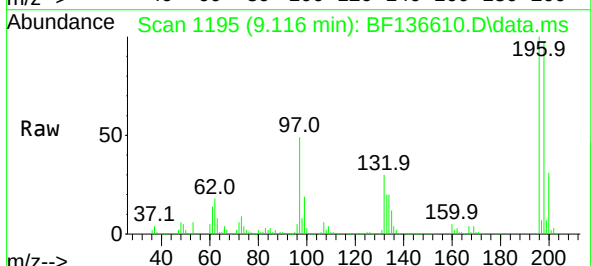
Tgt Ion:196 Resp: 23642
Ion Ratio Lower Upper
196 100
198 98.6 80.4 120.6
200 32.0 25.9 38.9

Manual Integrations
APPROVED

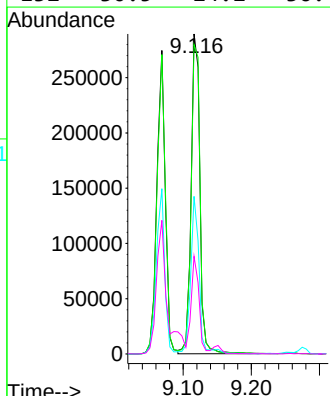
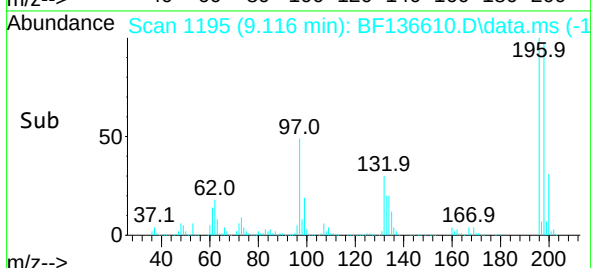
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

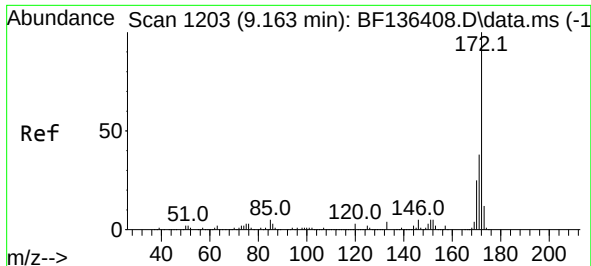


#44
2,4,5-Trichlorophenol
Concen: 39.546 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.012 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50



Tgt Ion:196 Resp: 255711
Ion Ratio Lower Upper
196 100
198 96.6 78.1 117.1
97 49.2 43.4 65.2
132 30.5 24.2 36.4





#45
2-Fluorobiphenyl
Concen: 73.045 ng
RT: 9.151 min Scan# 1218
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

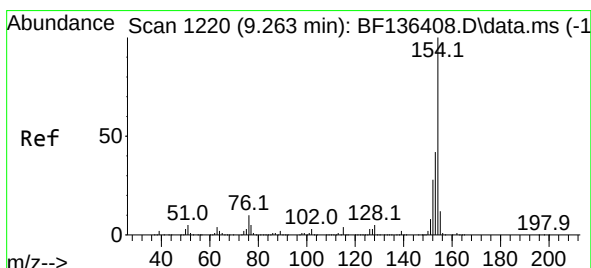
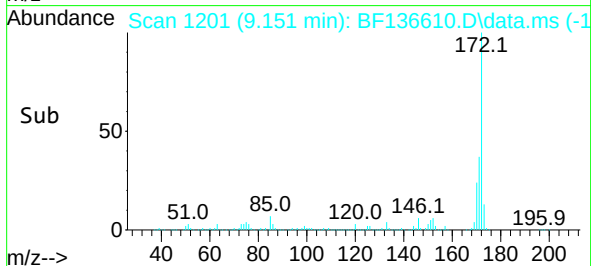
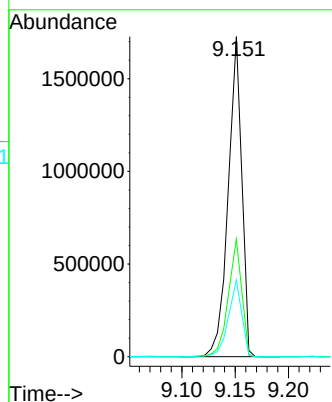
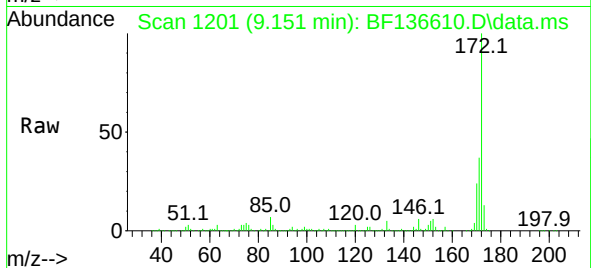
PB157778BS

Tgt Ion:172 Resp: 153101
Ion Ratio Lower Upper
172 100
171 36.7 30.5 45.7
170 23.9 19.9 29.9

Manual Integrations

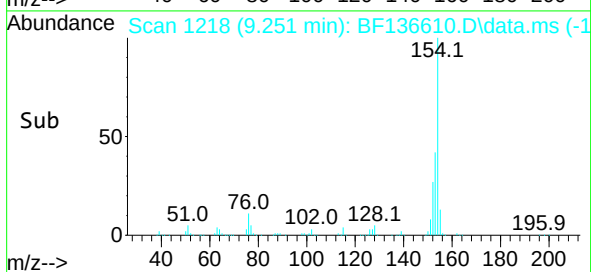
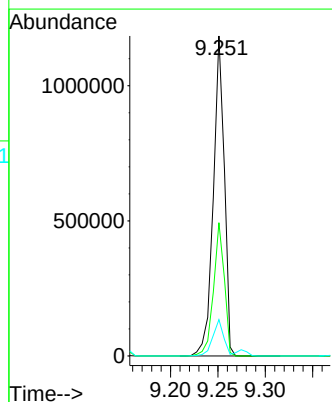
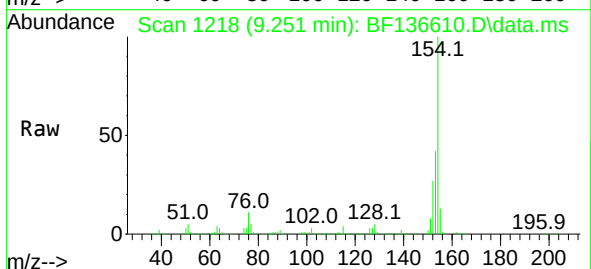
APPROVED

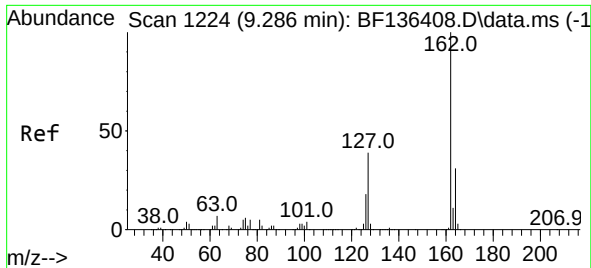
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#46
1,1'-Biphenyl
Concen: 39.100 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Tgt Ion:154 Resp: 951519
Ion Ratio Lower Upper
154 100
153 41.7 22.5 62.5
76 11.3 0.0 29.9





#47

2-Chloronaphthalene

Concen: 38.203 ng

RT: 9.275 min Scan# 1222

Delta R.T. -0.000 min

Lab File: BF136610.D

Acq: 18 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157778BS

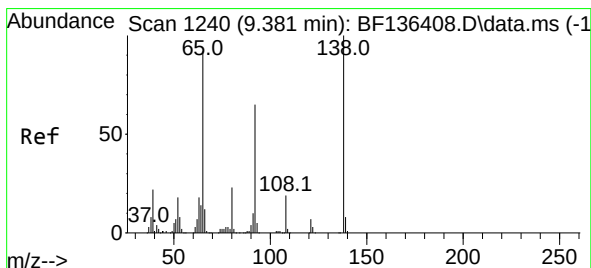
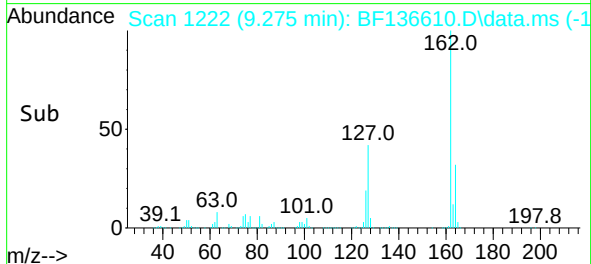
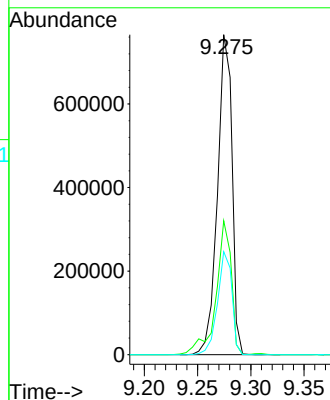
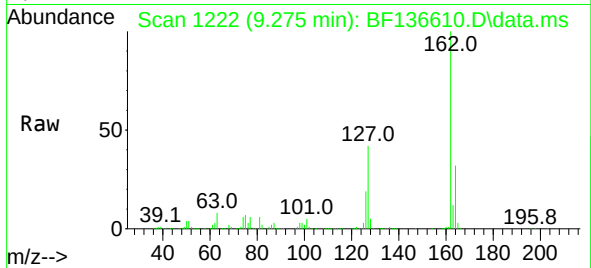
Tgt Ion:	162	Resp:	723600
Ion Ratio	Lower	Upper	
162	100		
127	41.9	31.1	46.7
164	32.2	24.6	37.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2023

Supervised By :mohammad ahmed 12/19/2023



#48

2-Nitroaniline

Concen: 39.323 ng

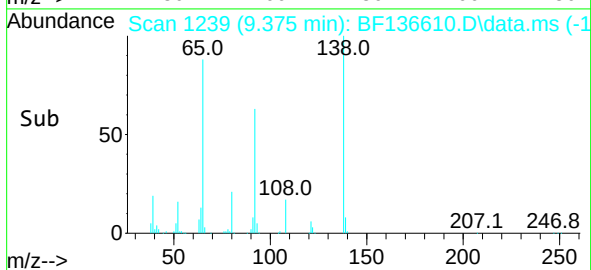
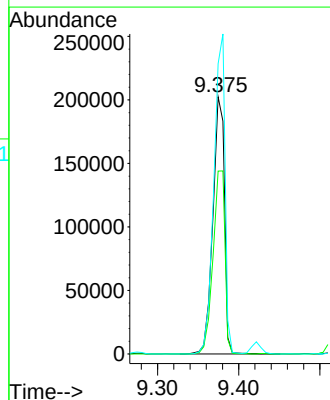
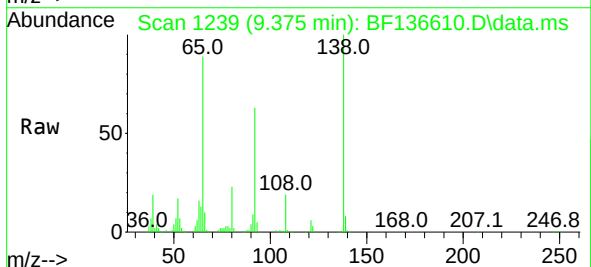
RT: 9.375 min Scan# 1239

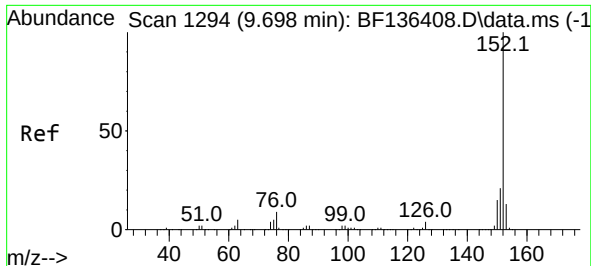
Delta R.T. 0.006 min

Lab File: BF136610.D

Acq: 18 Dec 2023 12:50

Tgt Ion:	65	Resp:	199759
Ion Ratio	Lower	Upper	
65	100		
92	71.2	56.1	84.1
138	112.9	86.7	130.1





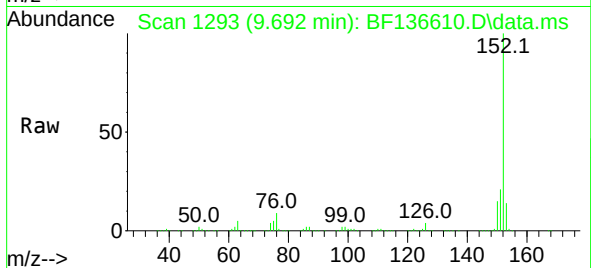
#49
Acenaphthylene
Concen: 38.489 ng
RT: 9.692 min Scan# 1294
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157778BS

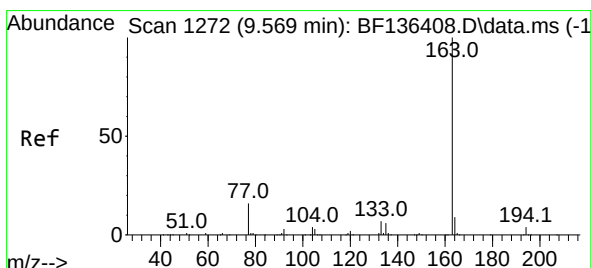
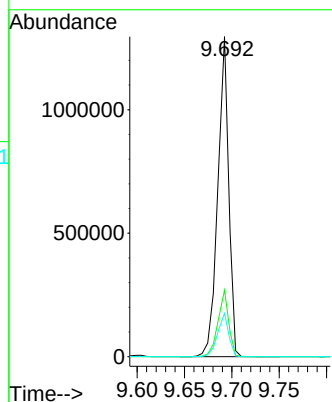
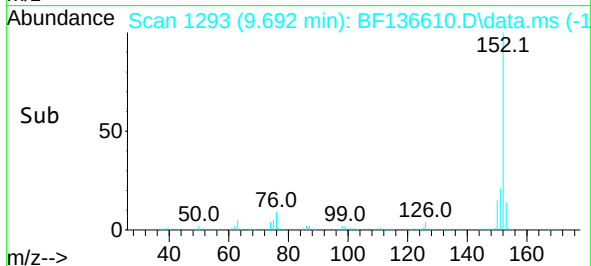


Tgt Ion:152 Resp: 1038502
Ion Ratio Lower Upper
152 100
151 20.8 17.2 25.8
153 13.6 10.6 15.8

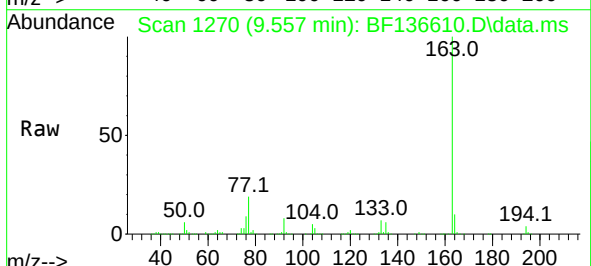
Manual Integrations

APPROVED

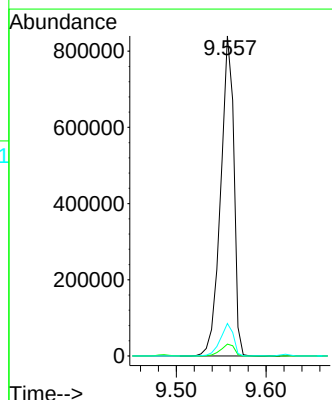
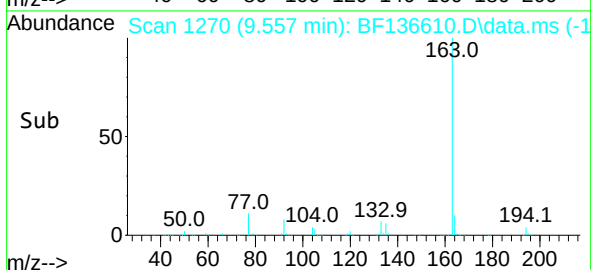
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

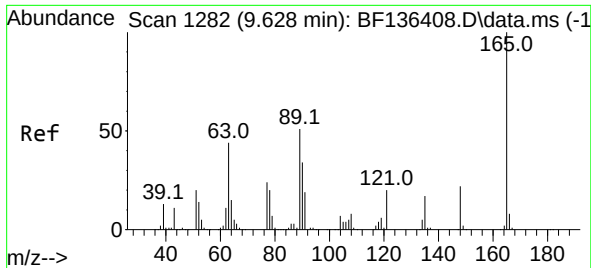


#50
Dimethylphthalate
Concen: 40.727 ng
RT: 9.557 min Scan# 1270
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50



Tgt Ion:163 Resp: 857554
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.2 7.4 11.2





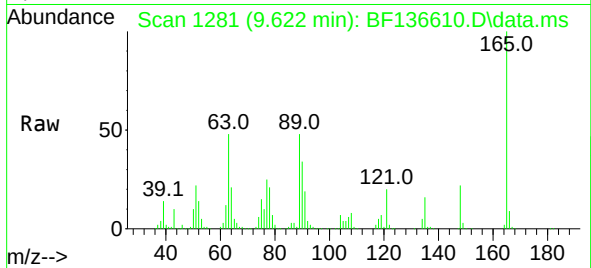
#51
2,6-Dinitrotoluene
Concen: 39.641 ng
RT: 9.622 min Scan# 1282
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157778BS

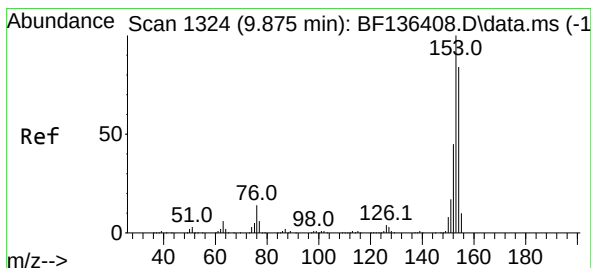
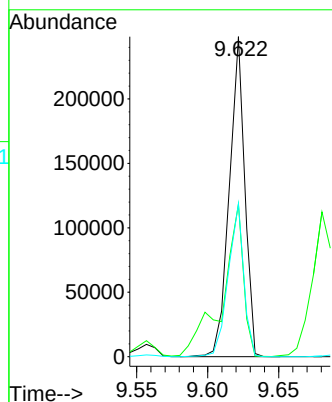
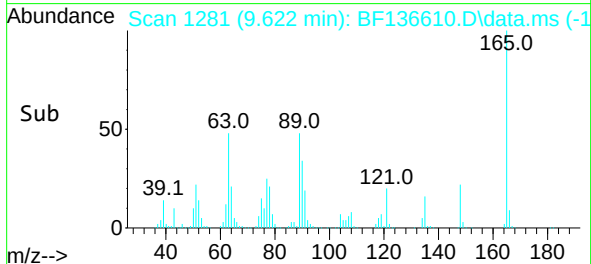


Tgt Ion:165 Resp: 187782
Ion Ratio Lower Upper
165 100
63 47.6 40.4 60.6
89 47.9 40.6 60.8

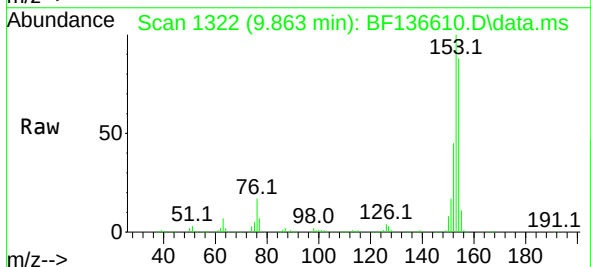
Manual Integrations

APPROVED

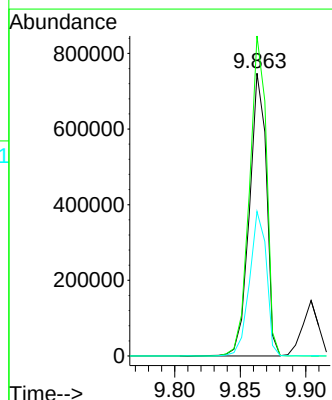
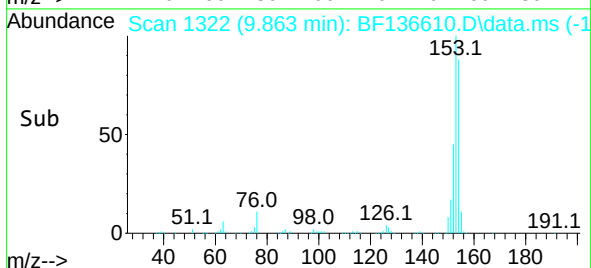
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

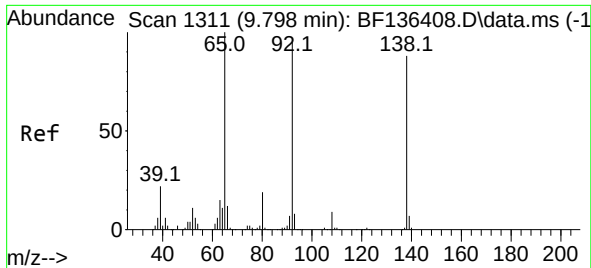


#52
Acenaphthene
Concen: 38.706 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50



Tgt Ion:154 Resp: 669221
Ion Ratio Lower Upper
154 100
153 113.2 95.3 142.9
152 51.1 43.2 64.8





#53
3-Nitroaniline
Concen: 31.946 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Instrument :

BNA_F

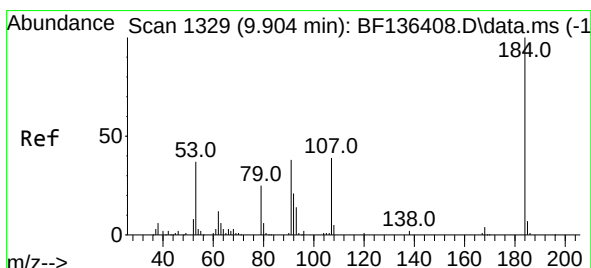
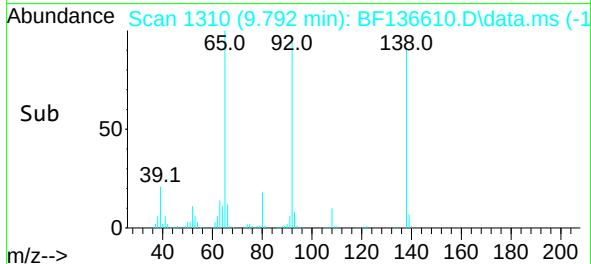
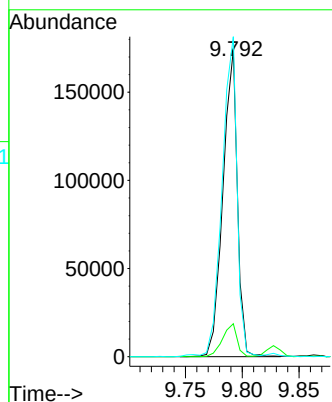
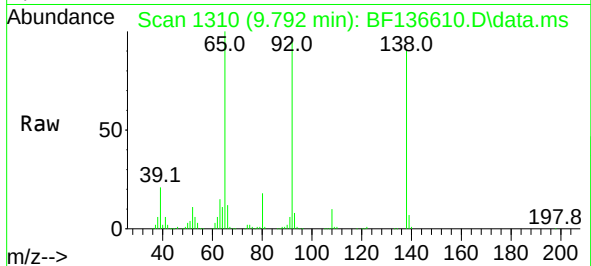
ClientSampleId :

PB157778BS

Tgt Ion:138 Resp: 15453
Ion Ratio Lower Upper
138 100
108 10.8 8.5 12.7
92 104.3 86.1 129.1

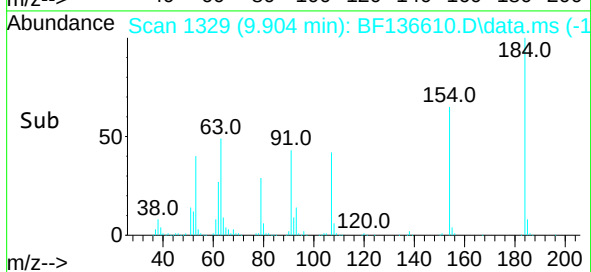
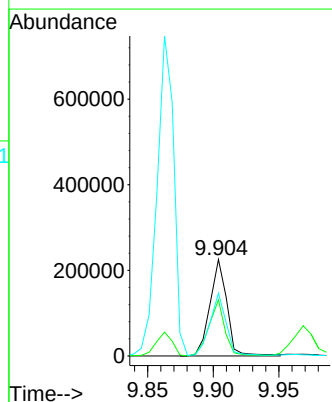
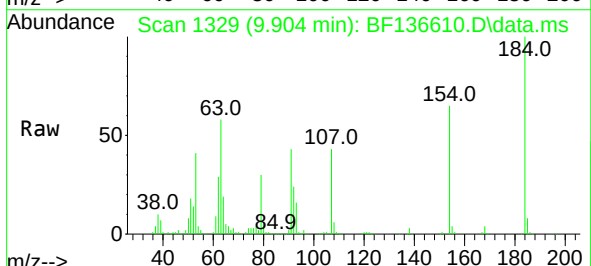
Manual Integrations
APPROVED

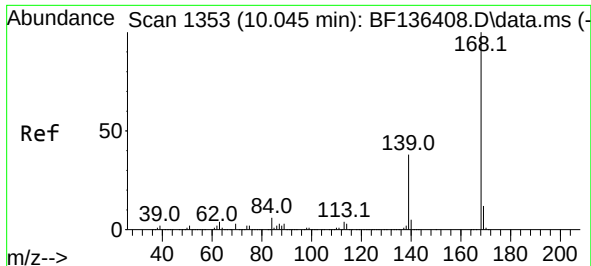
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#54
2,4-Dinitrophenol
Concen: 85.267 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.012 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

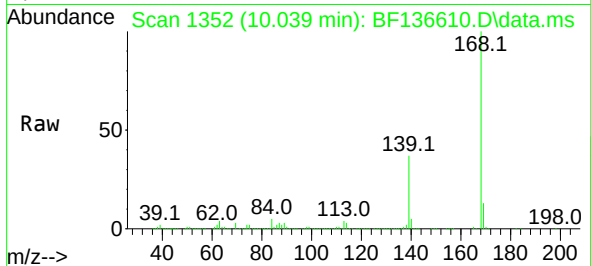
Tgt Ion:184 Resp: 204216
Ion Ratio Lower Upper
184 100
63 58.3 39.1 58.7
154 65.1 49.9 74.9





#55
Dibenzenofuran
Concen: 38.186 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

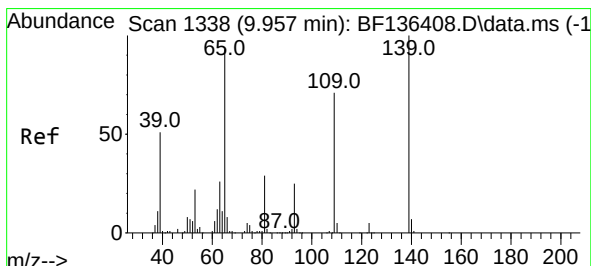
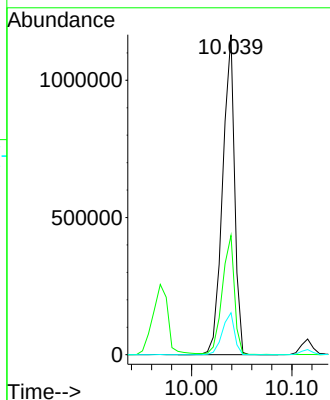
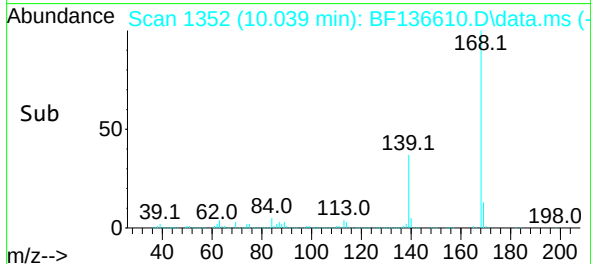
Instrument :
BNA_F
ClientSampleId :
PB157778BS



Tgt Ion:168 Resp: 964515
Ion Ratio Lower Upper
168 100
139 37.2 30.4 45.6
169 13.1 9.9 14.9

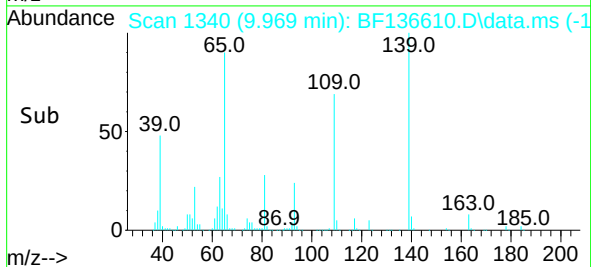
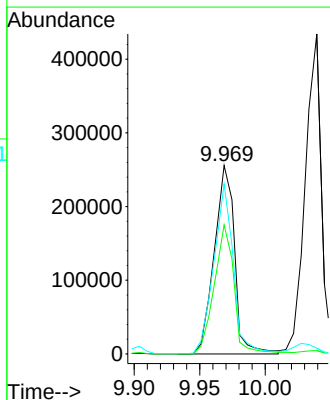
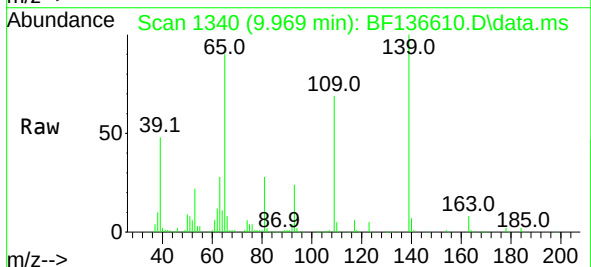
Manual Integrations
APPROVED

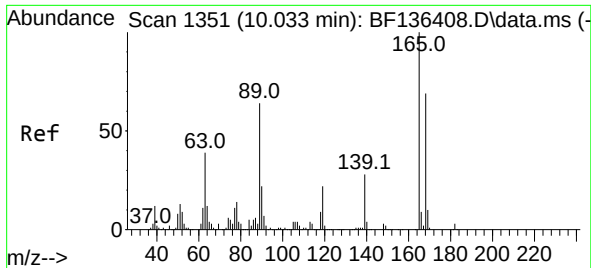
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#56
4-Nitrophenol
Concen: 75.861 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.018 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Tgt Ion:139 Resp: 275093
Ion Ratio Lower Upper
139 100
109 68.5 50.6 90.6
65 90.1 73.1 113.1





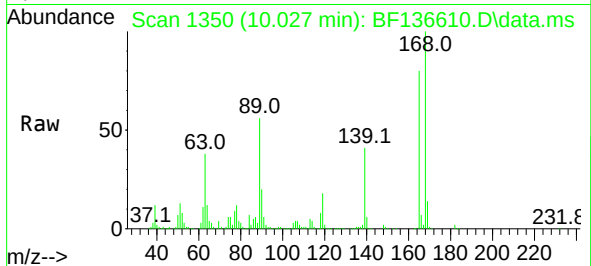
#57
2,4-Dinitrotoluene
Concen: 38.355 ng
RT: 10.027 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157778BS

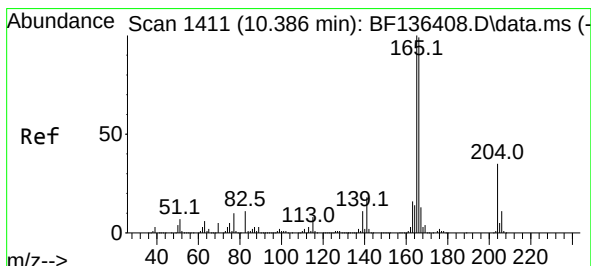
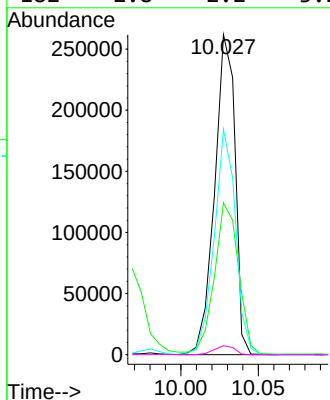
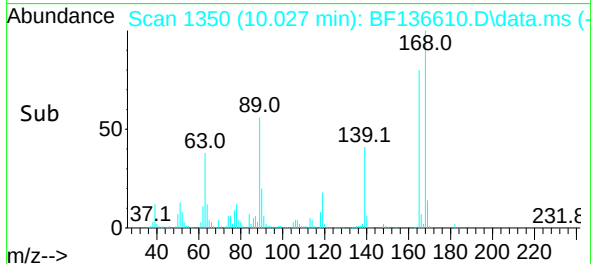


Tgt Ion:165 Resp: 24035
Ion Ratio Lower Upper
165 100
63 47.5 31.4 47.2
89 70.4 51.7 77.5
182 2.8 2.2 3.2

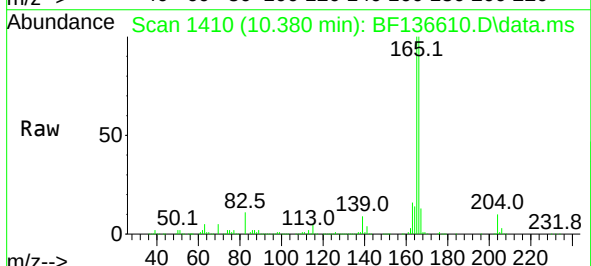
Manual Integrations

APPROVED

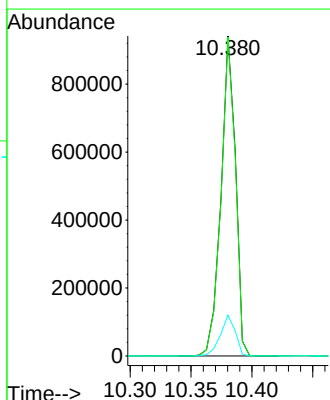
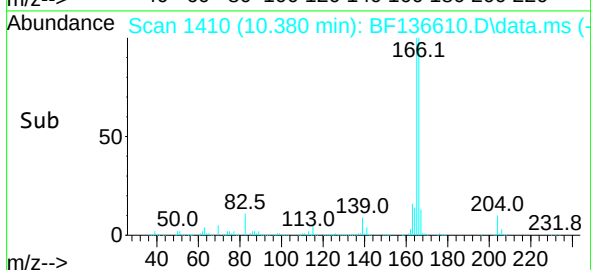
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

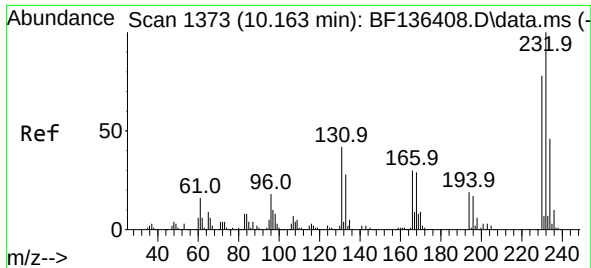


#58
Fluorene
Concen: 38.435 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50



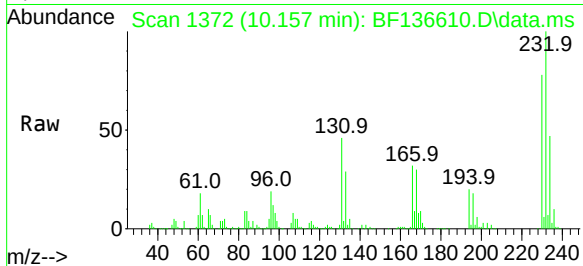
Tgt Ion:166 Resp: 779309
Ion Ratio Lower Upper
166 100
165 99.6 80.5 120.7
167 12.8 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.978 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

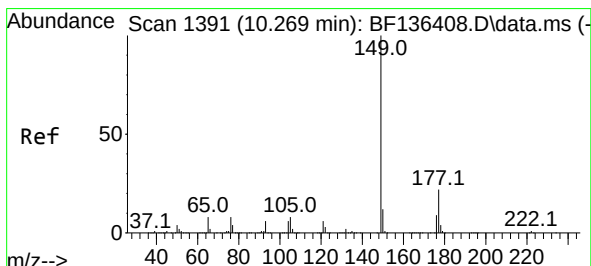
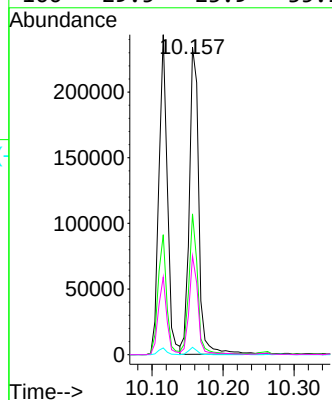
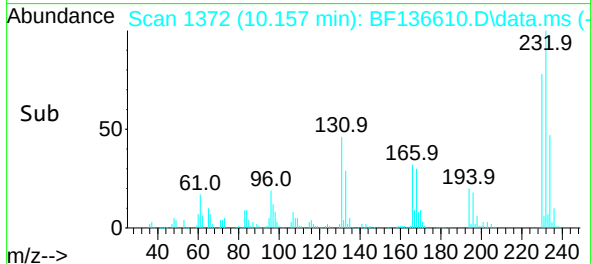
Instrument :
BNA_F
ClientSampleId :
PB157778BS



Tgt Ion:232 Resp: 217425
Ion Ratio Lower Upper
232 100
131 41.9 34.3 51.5
130 2.1 1.6 2.4
166 29.5 23.9 35.9

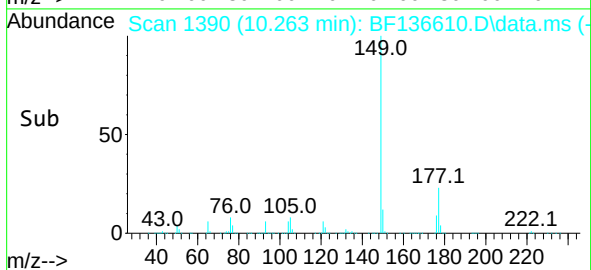
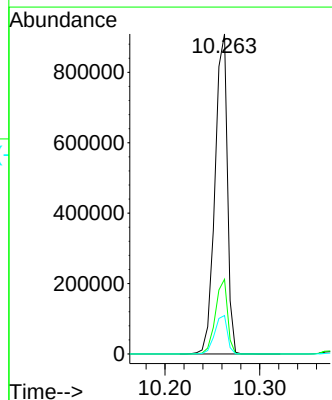
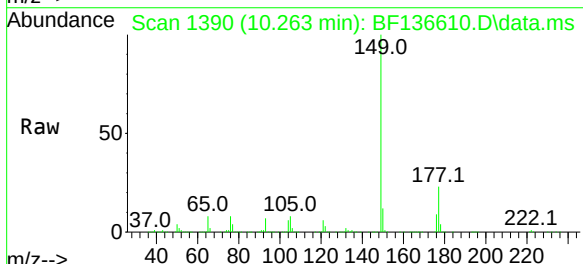
Manual Integrations
APPROVED

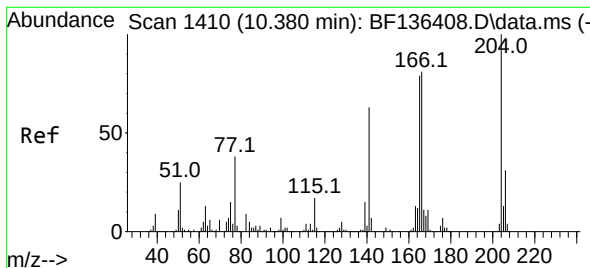
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#60
Diethylphthalate
Concen: 39.676 ng
RT: 10.263 min Scan# 1390
Delta R.T. 0.012 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

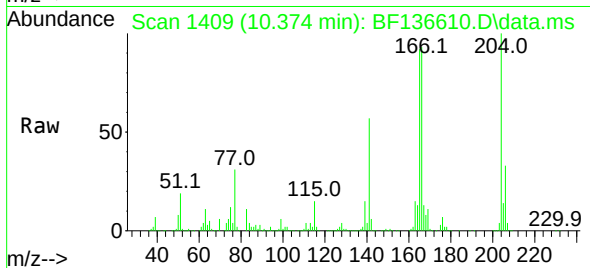
Tgt Ion:149 Resp: 821500
Ion Ratio Lower Upper
149 100
177 23.3 17.8 26.8
150 12.0 9.4 14.0





#61
4-Chlorophenyl-phenylether
Concen: 39.559 ng
RT: 10.374 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

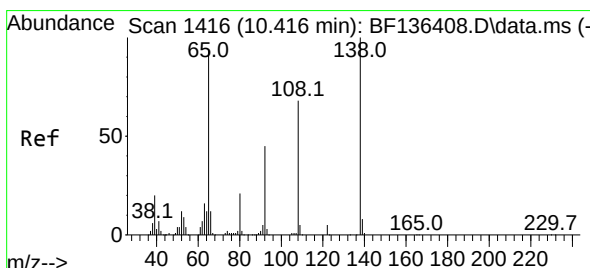
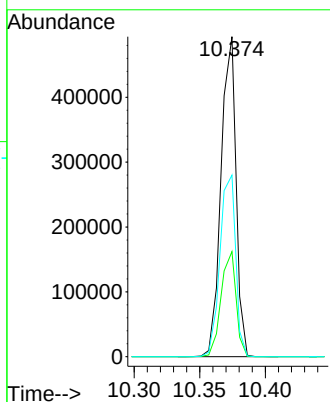
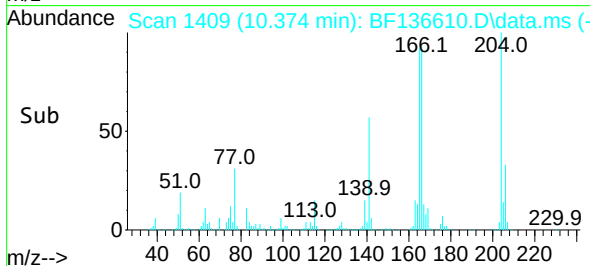
Instrument :
BNA_F
ClientSampleId :
PB157778BS



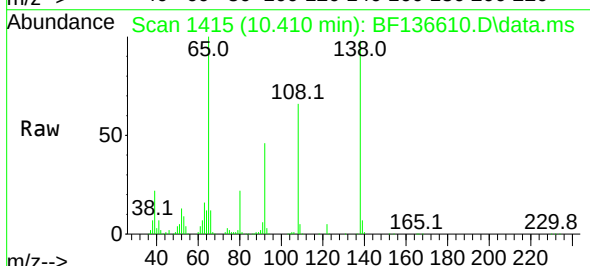
Tgt Ion:204 Resp: 39101
Ion Ratio Lower Upper
204 100
206 32.9 24.6 36.8
141 56.8 50.3 75.5

Manual Integrations
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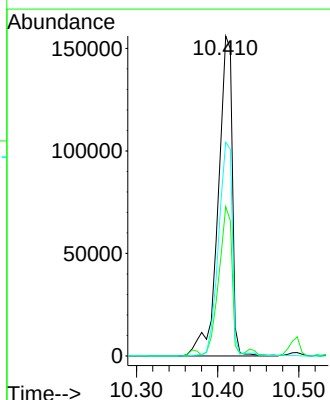
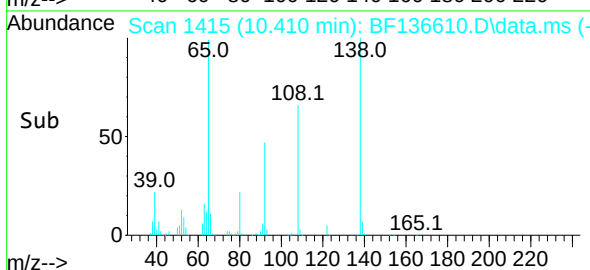
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

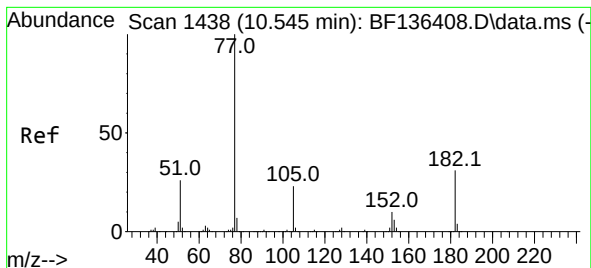


#62
4-Nitroaniline
Concen: 39.333 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50



Tgt Ion:138 Resp: 188925
Ion Ratio Lower Upper
138 100
92 46.6 25.0 65.0
108 66.8 47.9 87.9





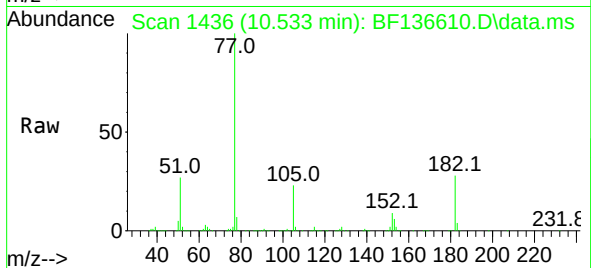
#63
Azobenzene
Concen: 37.902 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157778BS

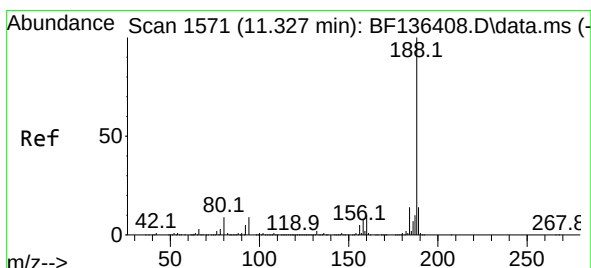
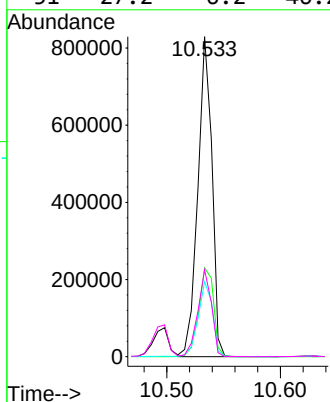
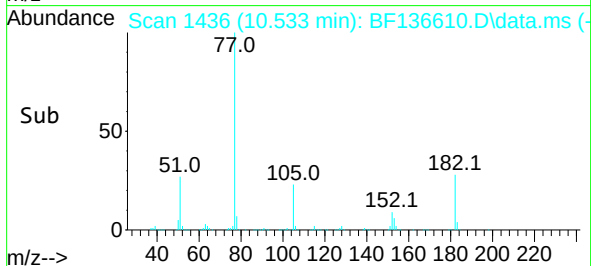


Tgt Ion: 77 Resp: 714294
Ion Ratio Lower Upper
77 100
182 27.8 10.8 50.8
105 23.4 2.6 42.6
51 27.2 6.2 46.2

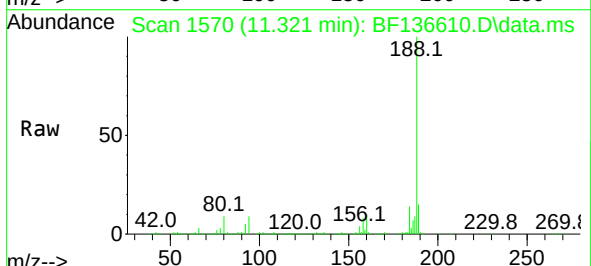
Manual Integrations

APPROVED

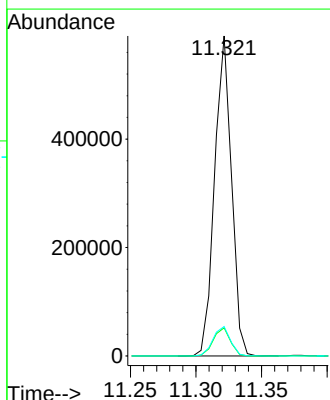
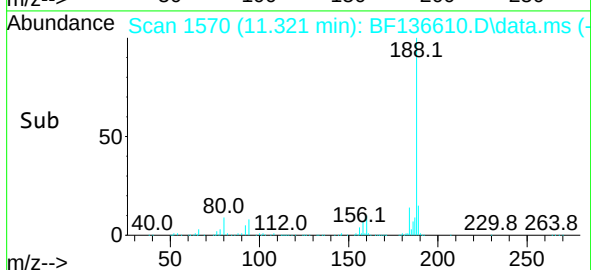
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

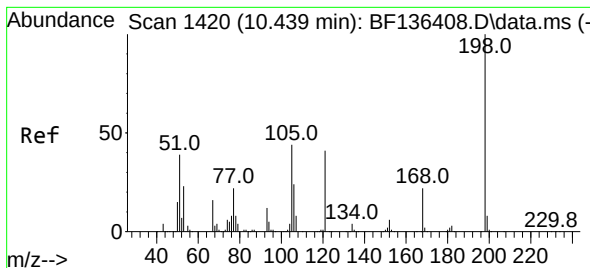


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50



Tgt Ion:188 Resp: 527201
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 9.2 7.2 10.8





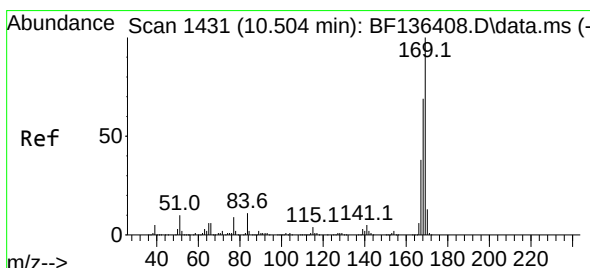
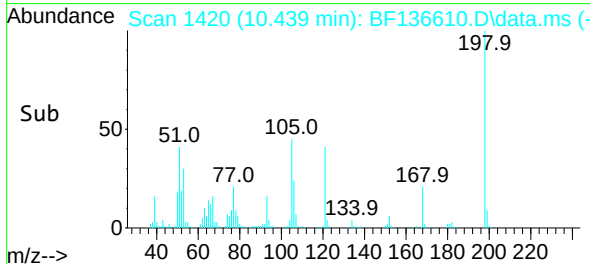
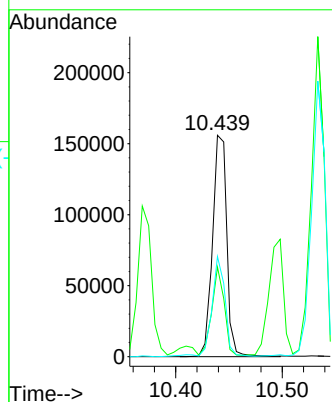
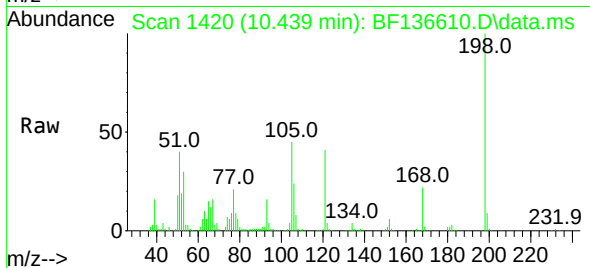
#65
4,6-Dinitro-2-methylphenol
Concen: 44.689 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Instrument :
BNA_F
ClientSampleId :
PB157778BS

Tgt Ion:198 Resp: 145910
Ion Ratio Lower Upper
198 100
51 40.5 24.1 64.1
105 45.3 24.8 64.8

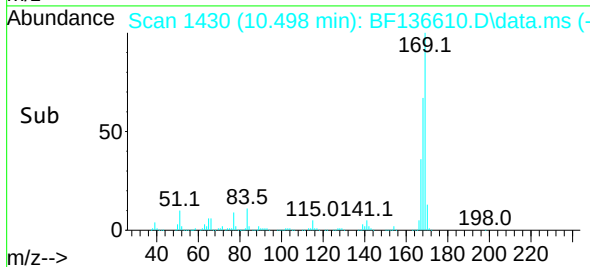
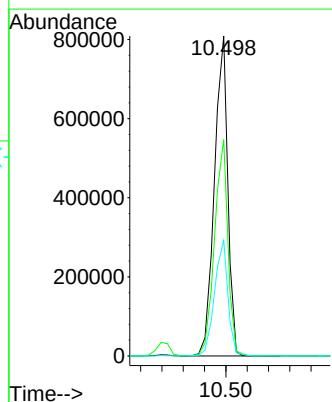
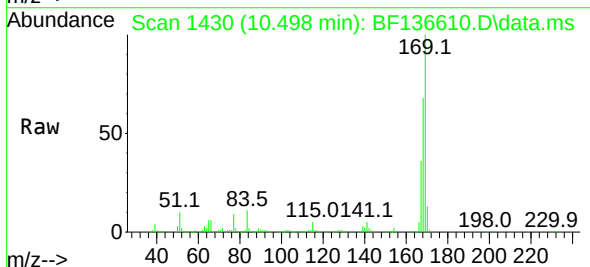
Manual Integrations
APPROVED

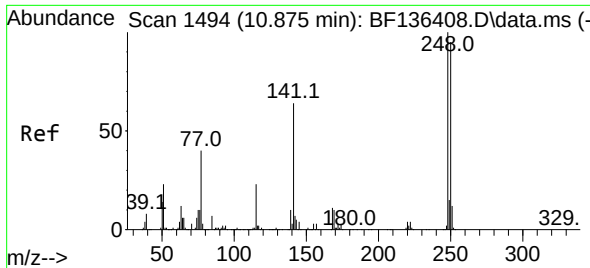
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#66
n-Nitrosodiphenylamine
Concen: 41.571 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

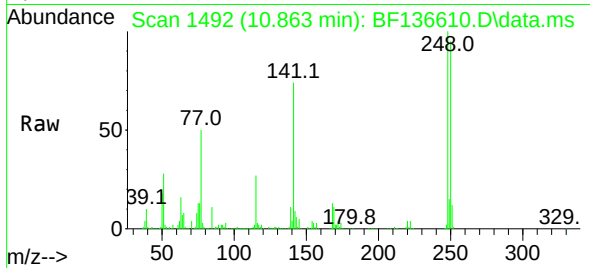
Tgt Ion:169 Resp: 703240
Ion Ratio Lower Upper
169 100
168 67.6 55.3 82.9
167 36.1 30.1 45.1





#67
4-Bromophenyl-phenylether
Concen: 41.513 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

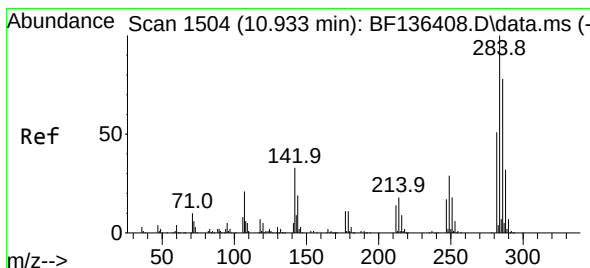
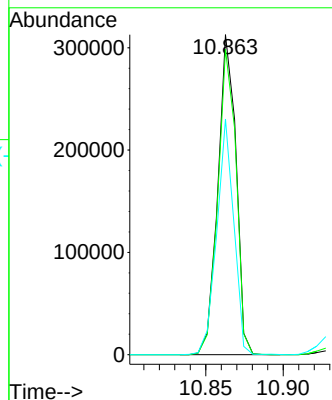
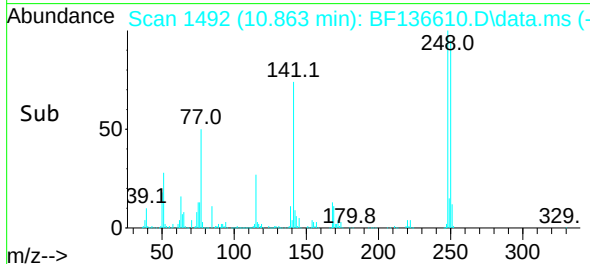
Instrument :
BNA_F
ClientSampleId :
PB157778BS



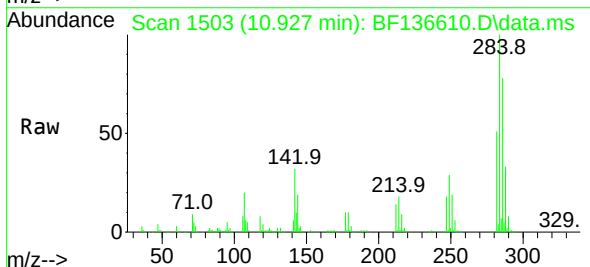
Tgt Ion:248 Resp: 254459
Ion Ratio Lower Upper
248 100
250 95.4 76.2 114.2
141 73.7 51.0 76.4

Manual Integrations
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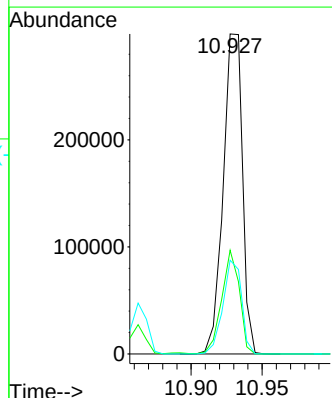
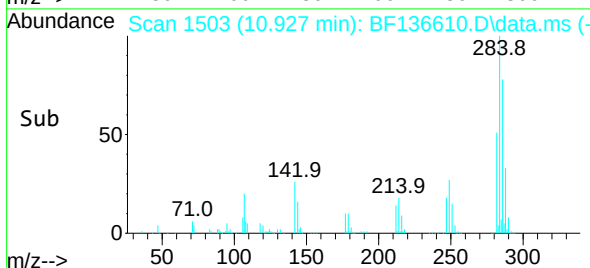
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

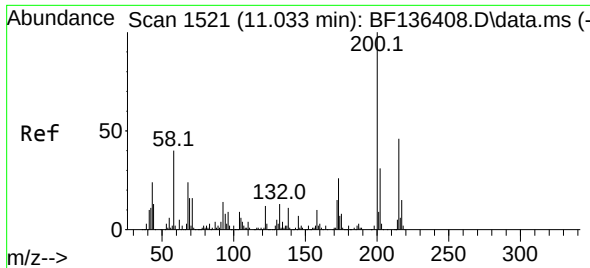


#68
Hexachlorobenzene
Concen: 39.881 ng
RT: 10.927 min Scan# 1503
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50



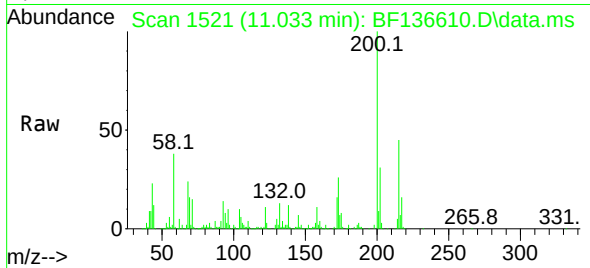
Tgt Ion:284 Resp: 282535
Ion Ratio Lower Upper
284 100
142 32.4 26.5 39.7
249 29.3 23.4 35.0





#69
 Atrazine
 Concen: 62.632 ng
 RT: 11.033 min Scan# 1521
 Delta R.T. 0.012 min
 Lab File: BF136610.D
 Acq: 18 Dec 2023 12:50

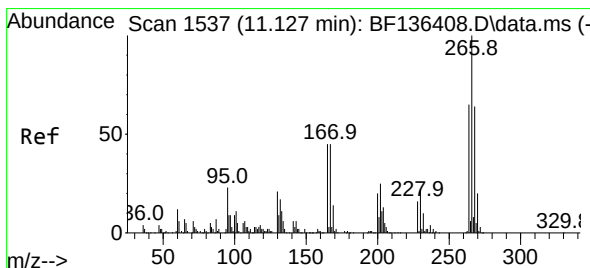
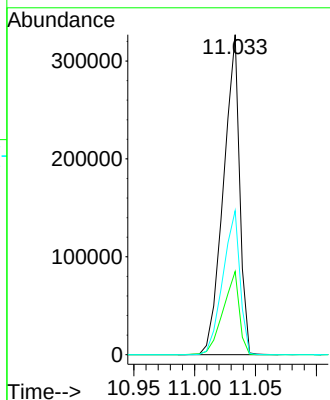
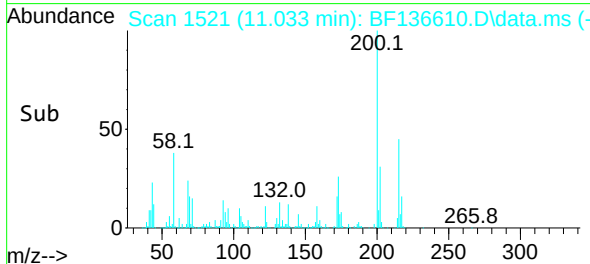
Instrument :
 BNA_F
 ClientSampleId :
 PB157778BS



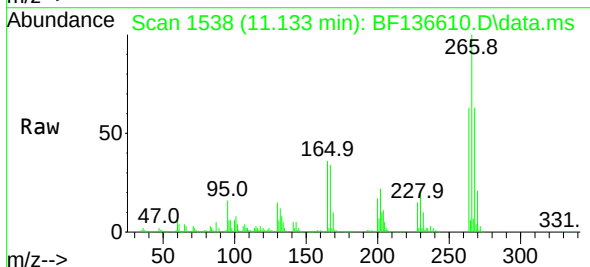
Tgt Ion:200 Resp: 302405
 Ion Ratio Lower Upper
 200 100
 173 26.0 6.0 46.0
 215 45.0 25.5 65.5

Manual Integrations
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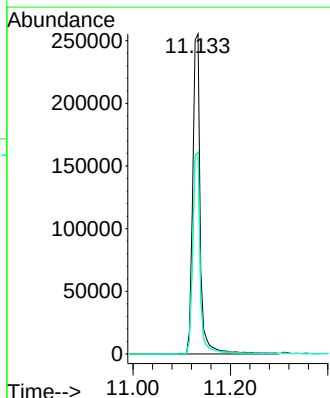
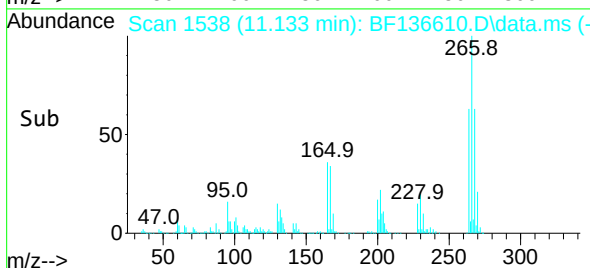
Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/19/2023

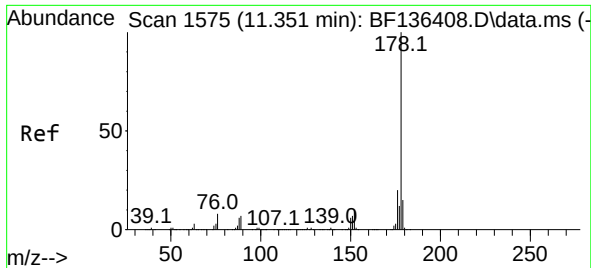


#70
 Pentachlorophenol
 Concen: 69.017 ng
 RT: 11.133 min Scan# 1538
 Delta R.T. 0.012 min
 Lab File: BF136610.D
 Acq: 18 Dec 2023 12:50



Tgt Ion:266 Resp: 275952
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.0 76.6
 264 63.1 52.2 78.4





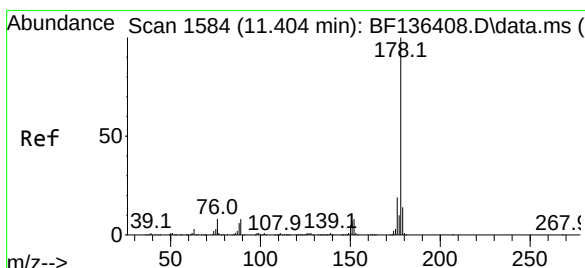
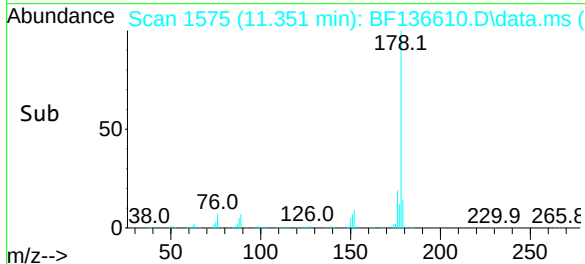
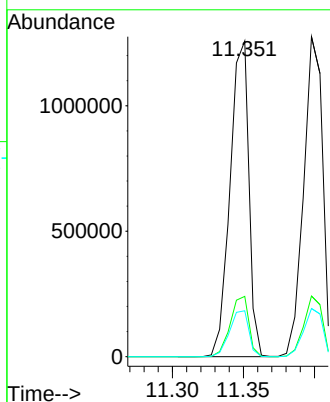
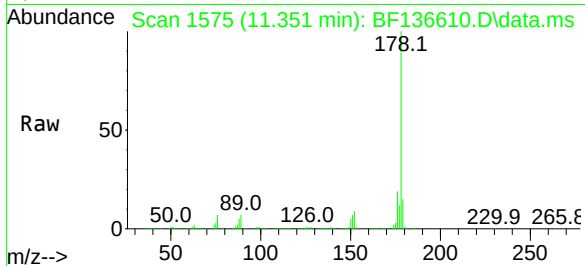
#71
Phenanthrene
Concen: 39.890 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.012 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Instrument :
BNA_F
ClientSampleId :
PB157778BS

Tgt Ion:178 Resp: 1155907
Ion Ratio Lower Upper
178 100
176 19.1 15.9 23.9
179 14.5 11.8 17.6

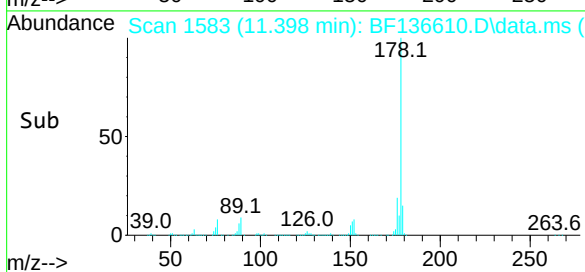
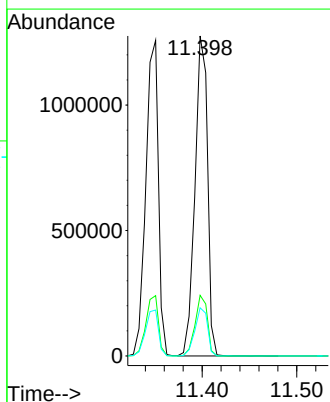
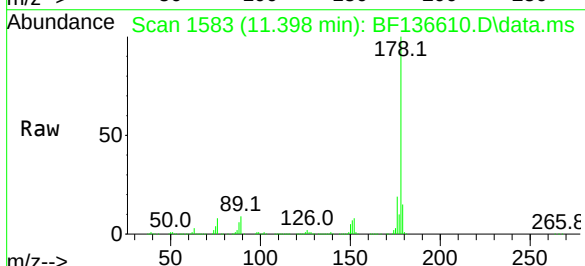
Manual Integrations
APPROVED

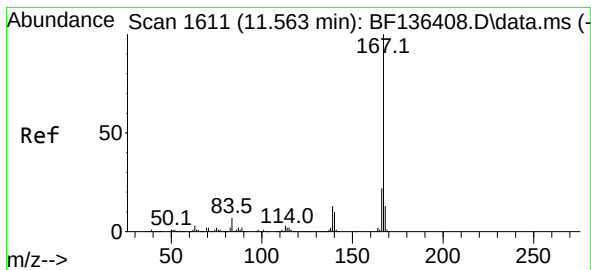
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#72
Anthracene
Concen: 40.359 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

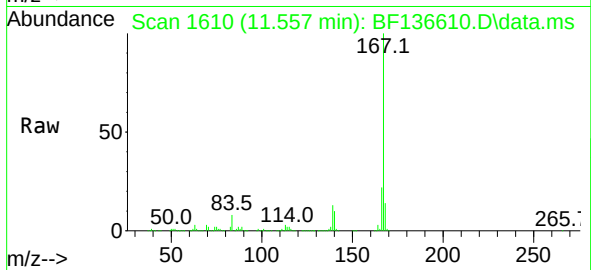
Tgt Ion:178 Resp: 1177927
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.0 11.4 17.0





#73
 Carbazole
 Concen: 38.803 ng
 RT: 11.557 min Scan# 1611
 Delta R.T. 0.006 min
 Lab File: BF136610.D
 Acq: 18 Dec 2023 12:50

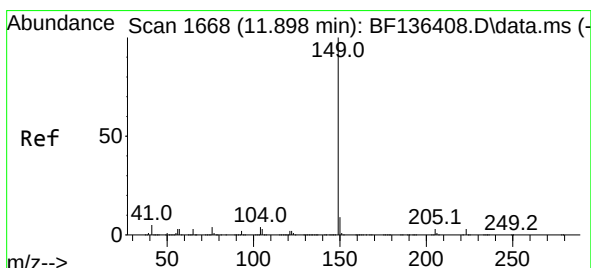
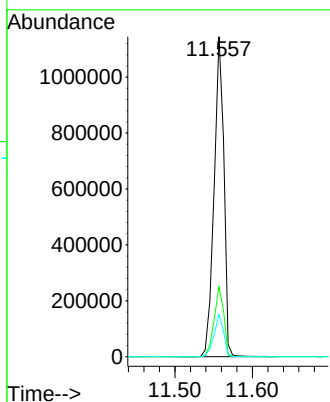
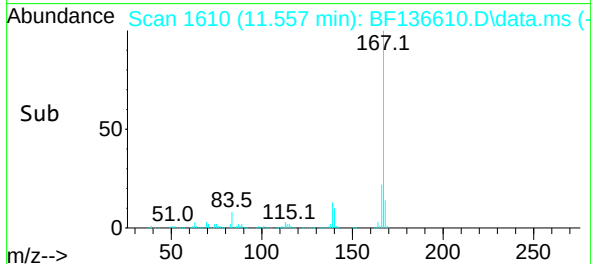
Instrument :
 BNA_F
 ClientSampleId :
 PB157778BS



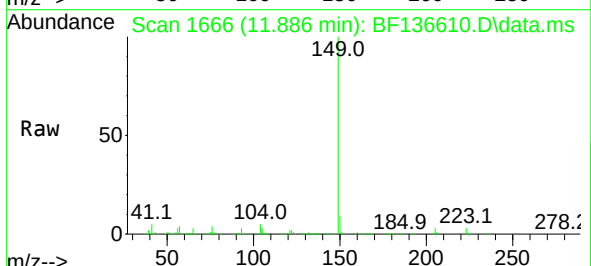
Tgt Ion:167 Resp: 1002379
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.0 27.0
 139 13.2 10.2 15.4

Manual Integrations
 APPROVED

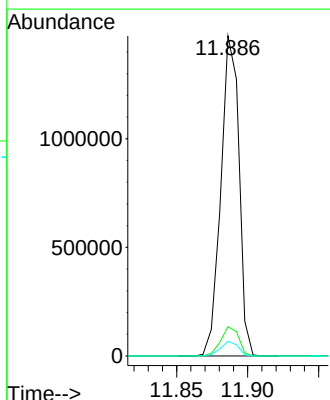
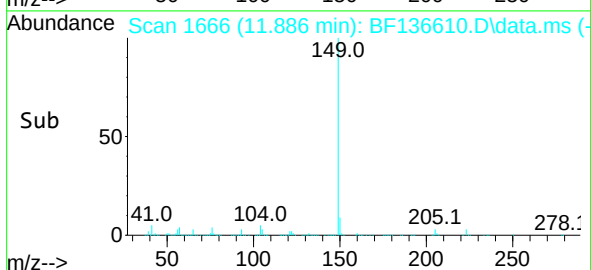
Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/19/2023

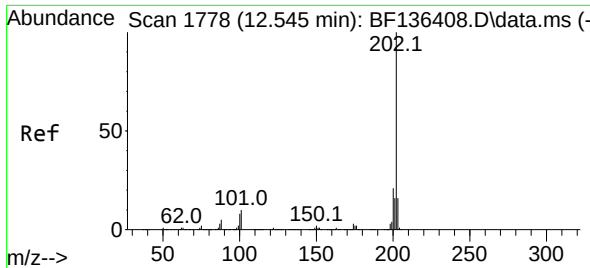


#74
 Di-n-butylphthalate
 Concen: 41.223 ng
 RT: 11.886 min Scan# 1666
 Delta R.T. -0.000 min
 Lab File: BF136610.D
 Acq: 18 Dec 2023 12:50



Tgt Ion:149 Resp: 1305454
 Ion Ratio Lower Upper
 149 100
 150 9.2 6.9 10.3
 104 4.6 3.5 5.3





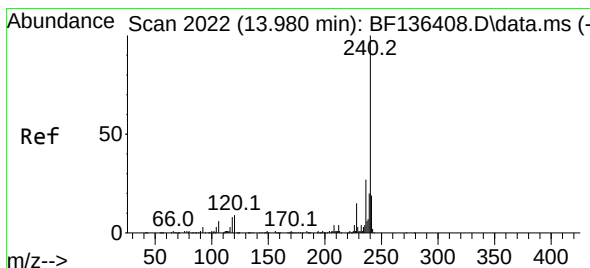
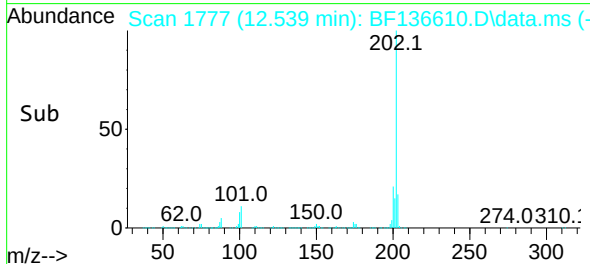
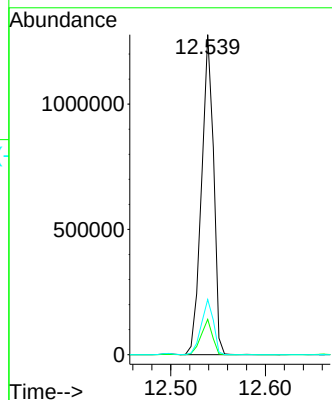
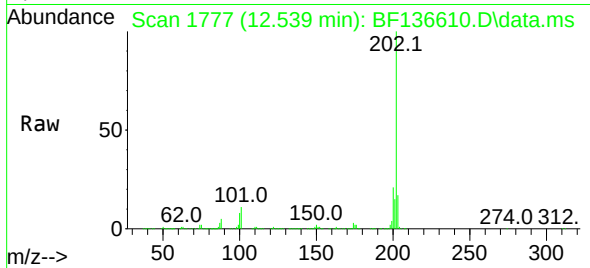
#75
Fluoranthene
Concen: 37.054 ng
RT: 12.539 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Instrument :
BNA_F
ClientSampleId :
PB157778BS

Tgt Ion:202 Resp: 1125210
Ion Ratio Lower Upper
202 100
101 11.1 0.0 29.9
203 17.3 0.0 36.3

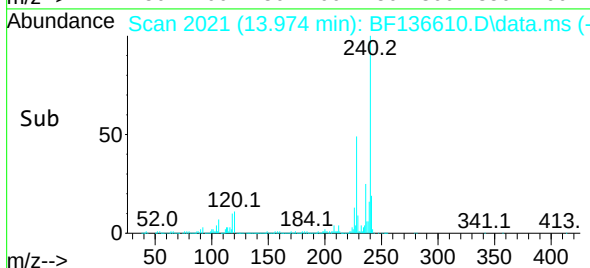
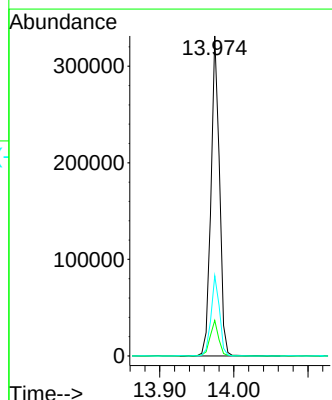
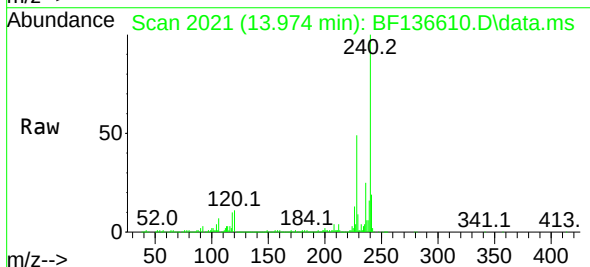
Manual Integrations
APPROVED

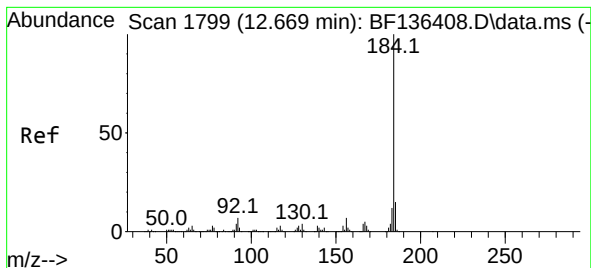
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Tgt Ion:240 Resp: 264942
Ion Ratio Lower Upper
240 100
120 11.1 7.3 10.9#
236 25.1 21.3 31.9





#77

Benzidine

Concen: 38.742 ng

RT: 12.663 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF136610.D

Acq: 18 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157778BS

Tgt Ion:184 Resp: 229000

Ion Ratio Lower Upper

184 100

185 14.2 12.0 18.0

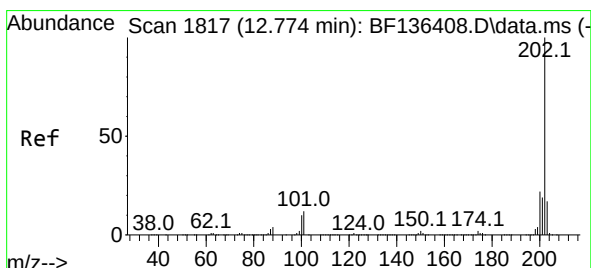
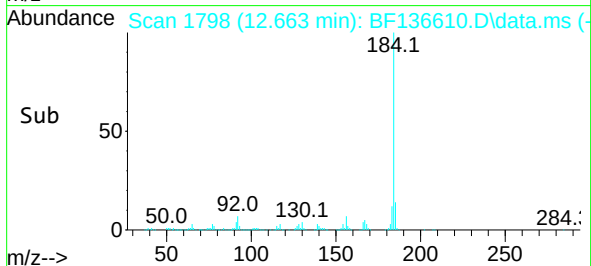
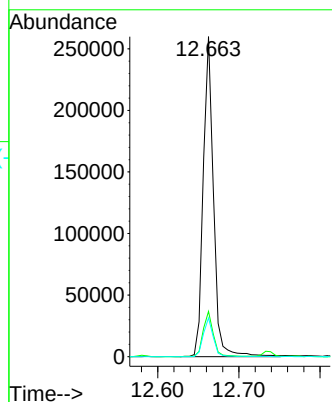
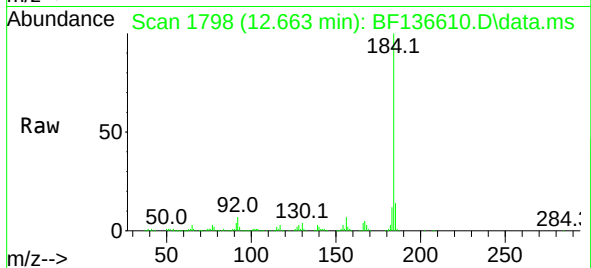
183 12.1 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2023

Supervised By :mohammad ahmed 12/19/2023



#78

Pyrene

Concen: 42.658 ng

RT: 12.768 min Scan# 1816

Delta R.T. 0.006 min

Lab File: BF136610.D

Acq: 18 Dec 2023 12:50

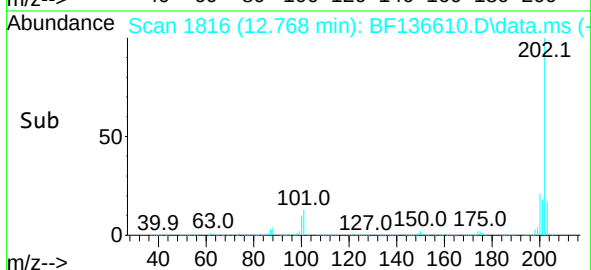
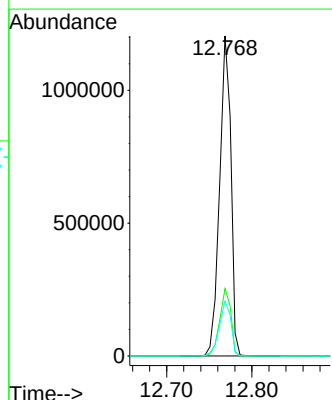
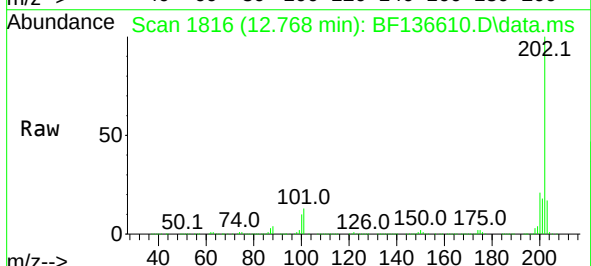
Tgt Ion:202 Resp: 1106867

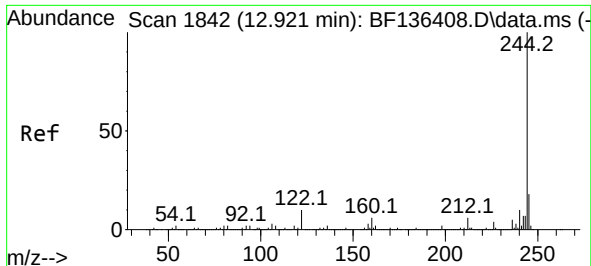
Ion Ratio Lower Upper

202 100

200 21.1 18.0 27.0

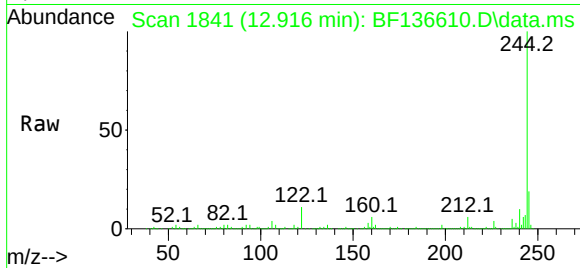
203 17.1 13.5 20.3





#79
 Terphenyl-d14
 Concen: 84.987 ng
 RT: 12.916 min Scan# 1842
 Delta R.T. 0.006 min
 Lab File: BF136610.D
 Acq: 18 Dec 2023 12:50

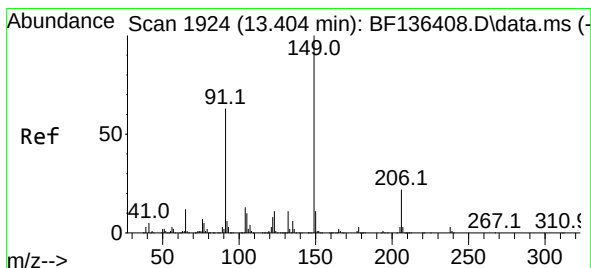
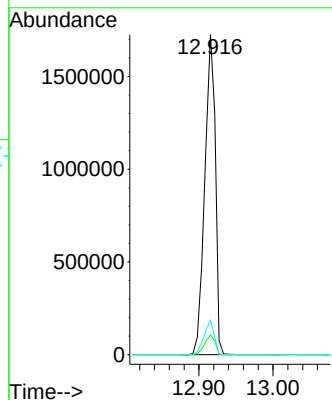
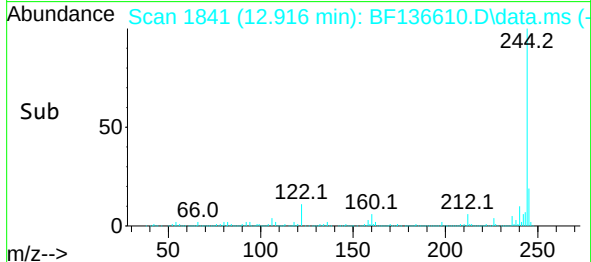
Instrument :
 BNA_F
 ClientSampleId :
 PB157778BS



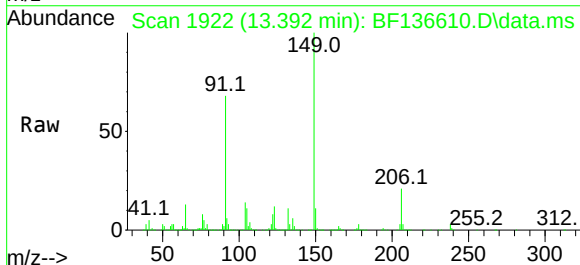
Tgt Ion:244 Resp: 1708330
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 10.7 8.3 12.5

Manual Integrations
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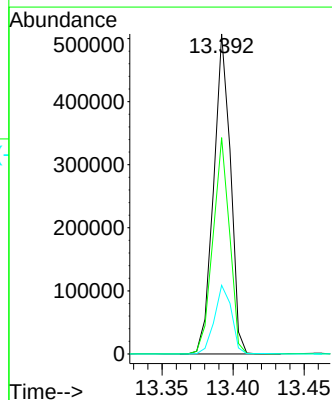
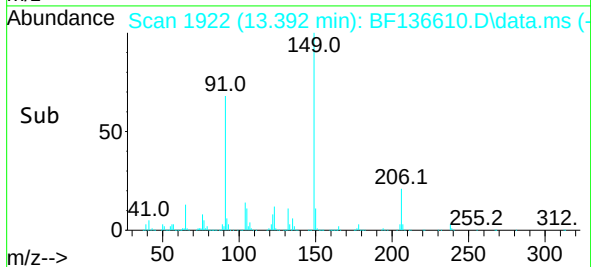
Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/19/2023

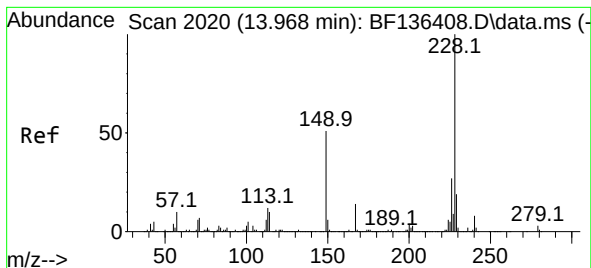


#80
 Butylbenzylphthalate
 Concen: 45.357 ng
 RT: 13.392 min Scan# 1922
 Delta R.T. 0.006 min
 Lab File: BF136610.D
 Acq: 18 Dec 2023 12:50



Tgt Ion:149 Resp: 418957
 Ion Ratio Lower Upper
 149 100
 91 67.6 50.5 75.7
 206 21.5 17.4 26.2





#81

Benzo(a)anthracene

Concen: 40.488 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.006 min

Lab File: BF136610.D

Acq: 18 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157778BS

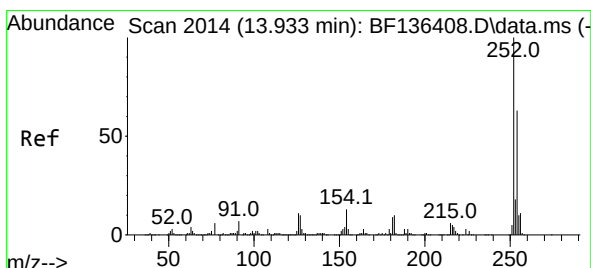
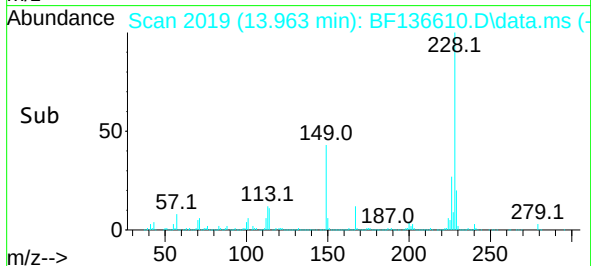
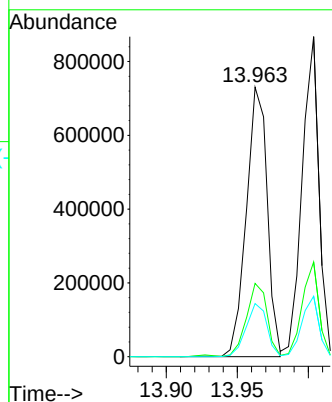
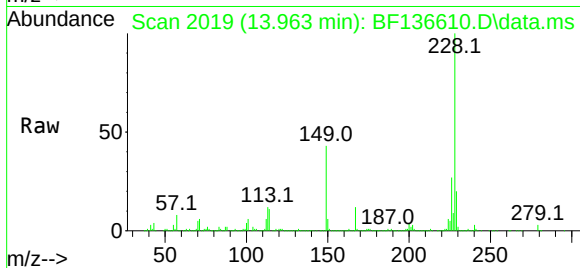
Tgt Ion:228 Resp: 747209
 Ion Ratio Lower Upper
 228 100
 226 27.2 21.8 32.8
 229 19.7 15.0 22.4

Manual Integrations

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Reviewed By :Yogesh Patel 12/19/2023

Supervised By :mohammad ahmed 12/19/2023



#82

3,3'-Dichlorobenzidine

Concen: 43.893 ng

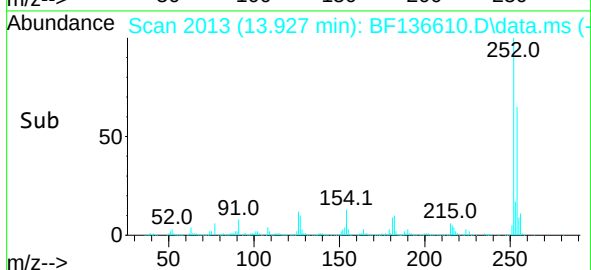
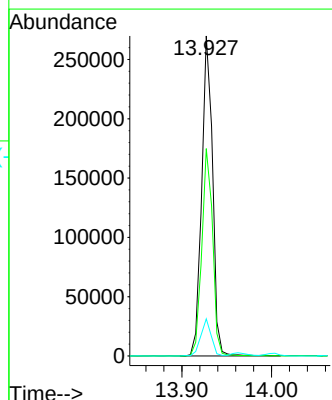
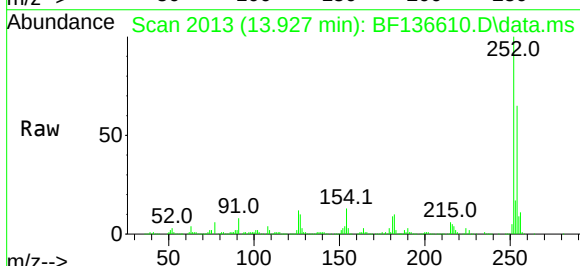
RT: 13.927 min Scan# 2013

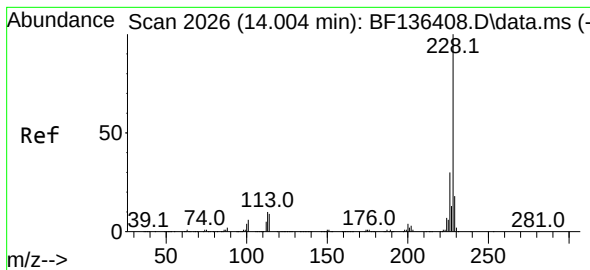
Delta R.T. 0.006 min

Lab File: BF136610.D

Acq: 18 Dec 2023 12:50

Tgt Ion:252 Resp: 227118
 Ion Ratio Lower Upper
 252 100
 254 64.8 50.8 76.2
 126 11.6 8.6 12.8





#83

Chrysene

Concen: 39.443 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.012 min

Lab File: BF136610.D

Acq: 18 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157778BS

Tgt Ion:228 Resp: 716164

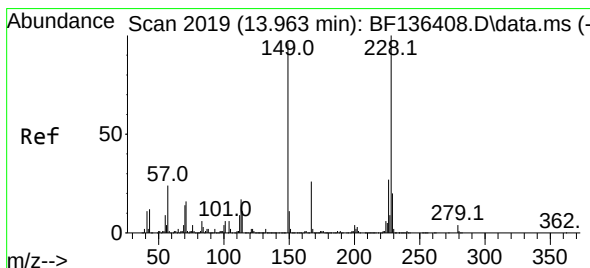
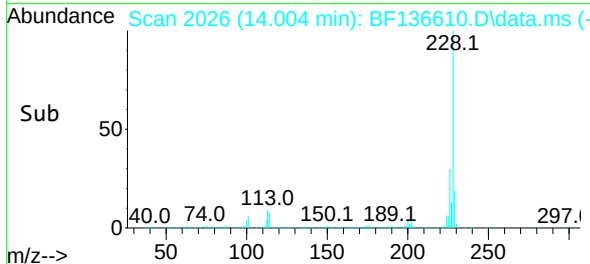
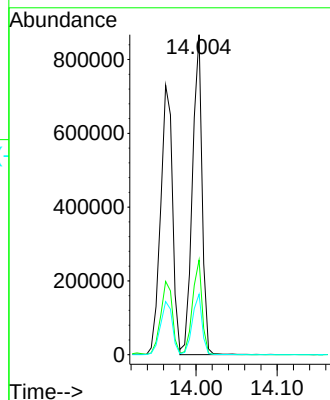
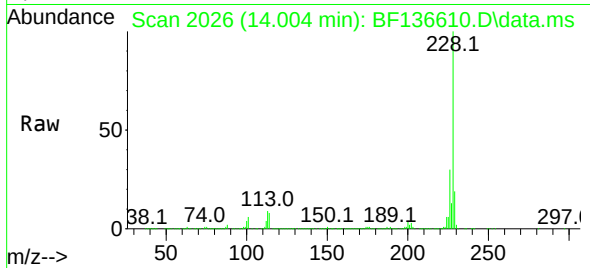
Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.6
229	18.9	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2023

Supervised By :mohammad ahmed 12/19/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.217 ng

RT: 13.957 min Scan# 2018

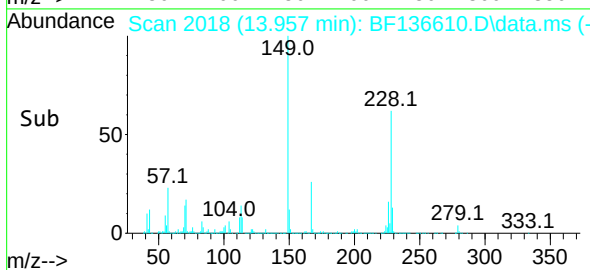
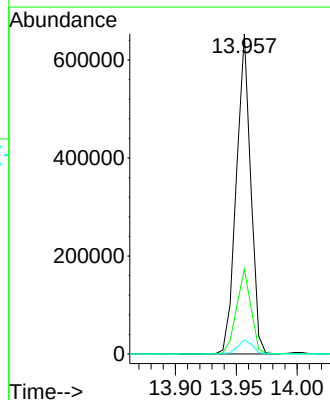
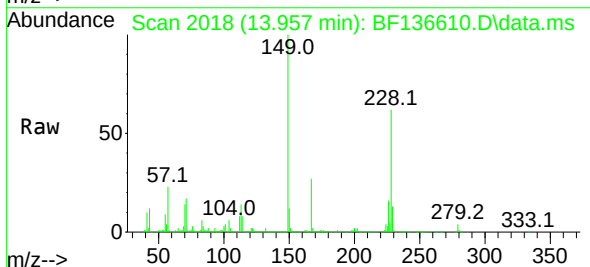
Delta R.T. 0.006 min

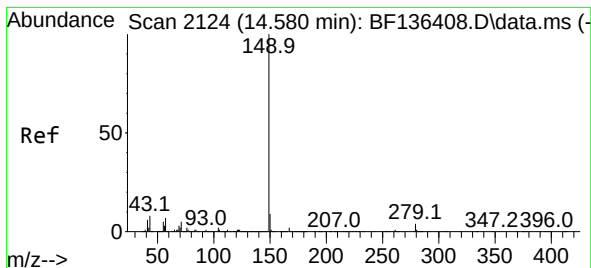
Lab File: BF136610.D

Acq: 18 Dec 2023 12:50

Tgt Ion:149 Resp: 534655

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.2	31.8
279	4.4	3.1	4.7





#85

Di-n-octyl phthalate

Concen: 48.428 ng

RT: 14.574 min Scan# 2124

Delta R.T. 0.006 min

Lab File: BF136610.D

Acq: 18 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157778BS

Tgt Ion:149 Resp: 809998

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

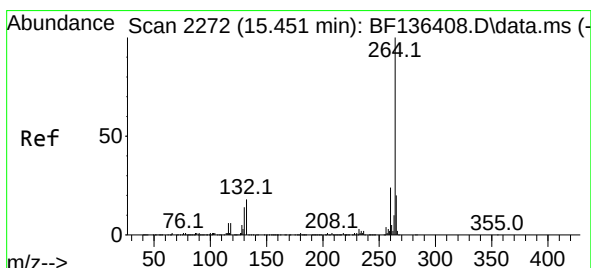
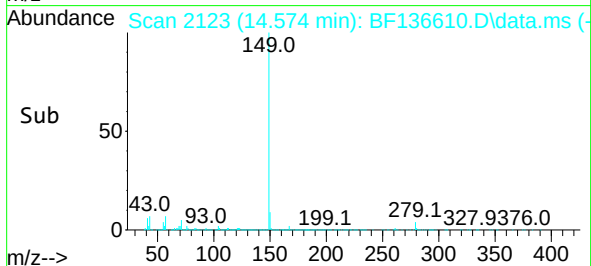
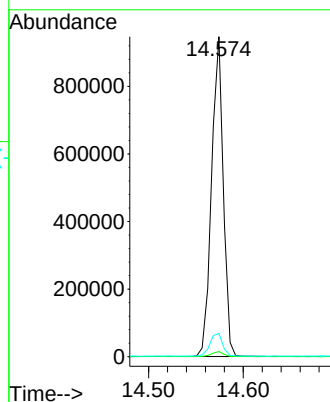
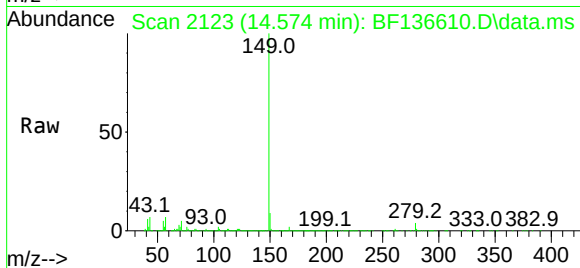
43 7.8 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2023

Supervised By :mohammad ahmed 12/19/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. 0.012 min

Lab File: BF136610.D

Acq: 18 Dec 2023 12:50

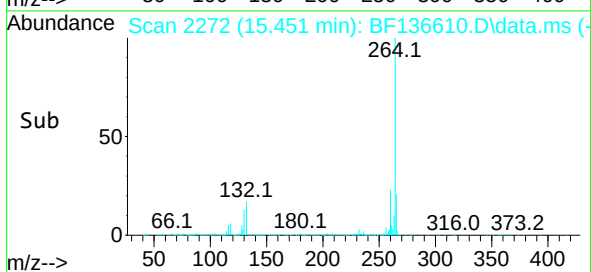
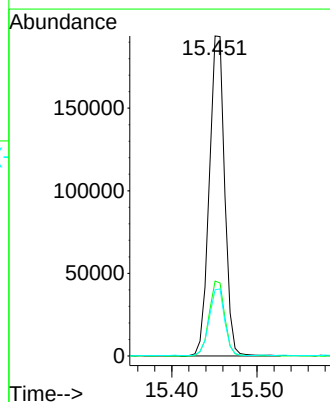
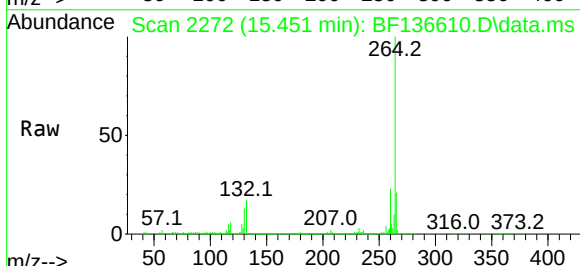
Tgt Ion:264 Resp: 242964

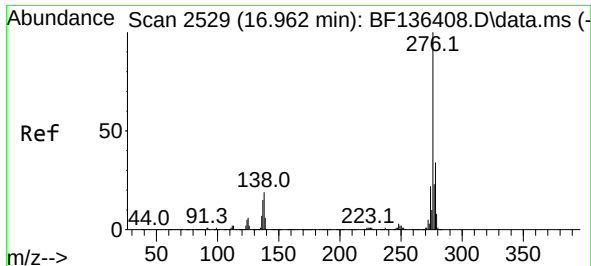
Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 20.7 15.9 23.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.993 ng
RT: 16.974 min Scan# 21531
Delta R.T. 0.029 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Instrument :

BNA_F

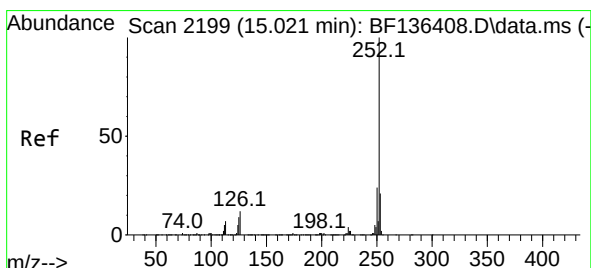
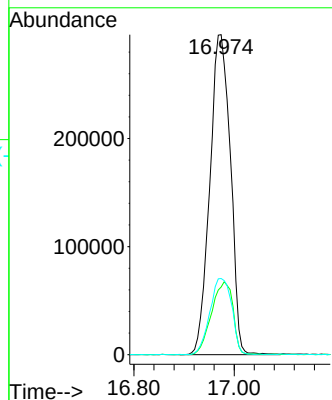
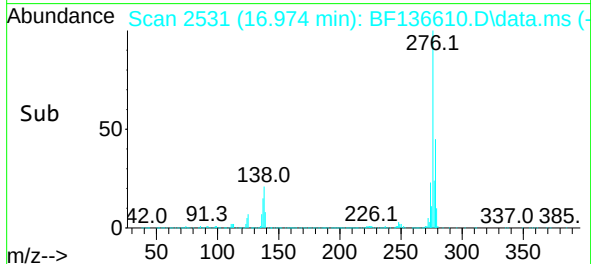
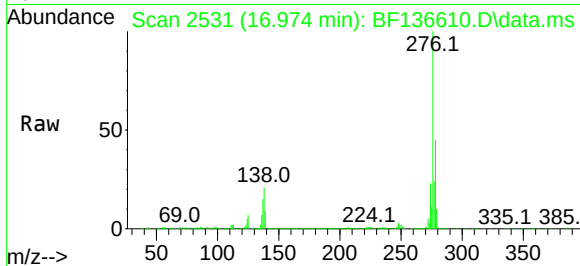
ClientSampleId :

PB157778BS

Tgt Ion:276 Resp: 84384
Ion Ratio Lower Upper
276 100
138 23.8 19.0 28.4
277 25.4 20.0 30.0

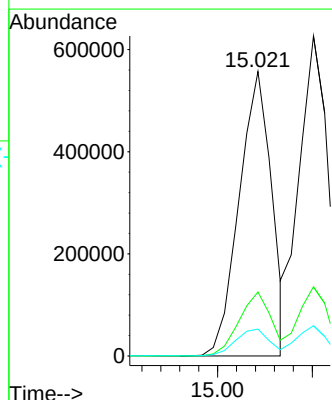
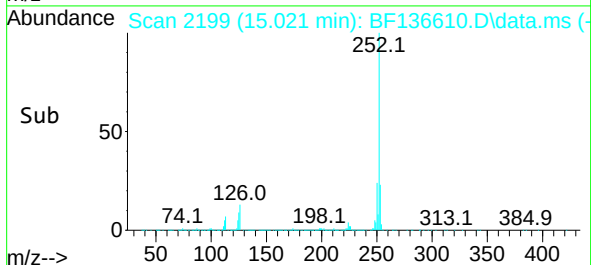
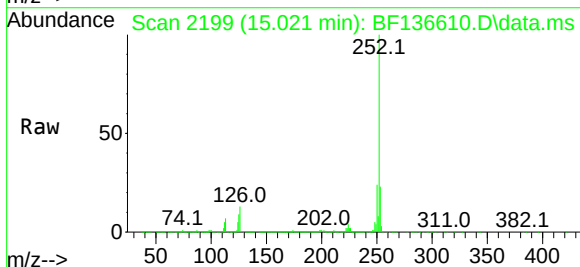
Manual Integrations
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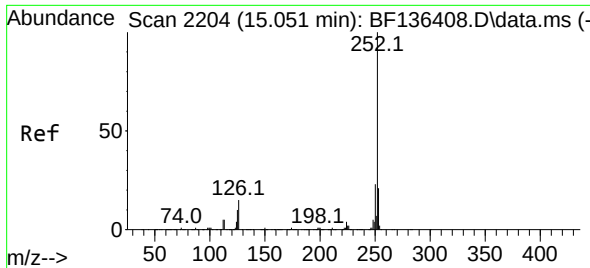
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#88
Benzo(b)fluoranthene
Concen: 40.000 ng
RT: 15.021 min Scan# 2199
Delta R.T. 0.012 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Tgt Ion:252 Resp: 664485
Ion Ratio Lower Upper
252 100
253 22.5 16.9 25.3
125 9.4 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 41.809 ng
RT: 15.051 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

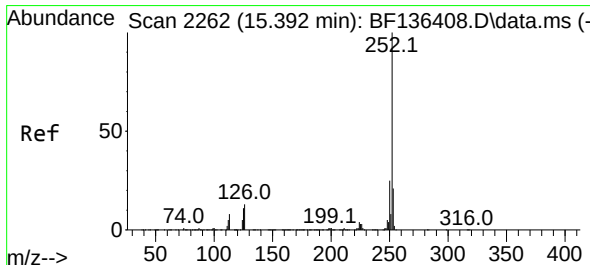
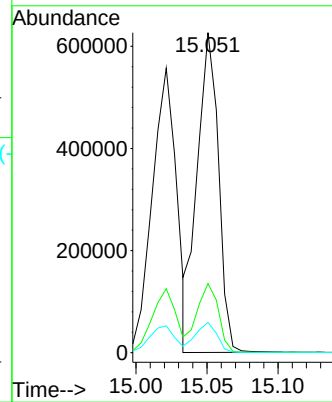
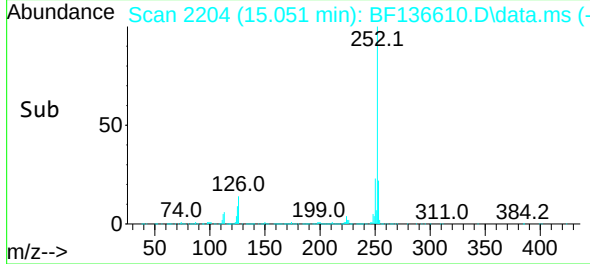
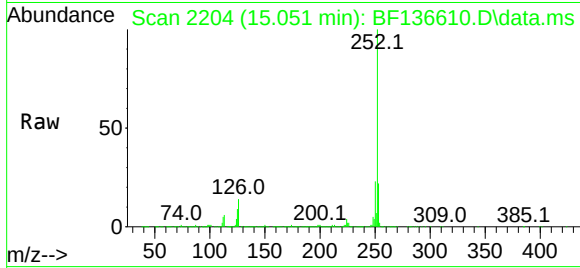
PB157778BS

Tgt Ion:252 Resp: 65454
Ion Ratio Lower Upper
252 100
253 21.6 16.9 25.3
125 9.4 7.5 11.3

Manual Integrations

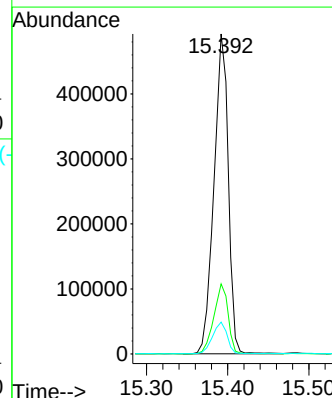
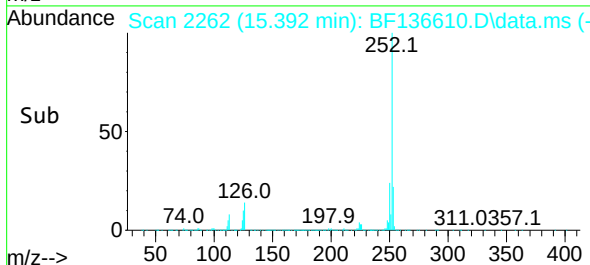
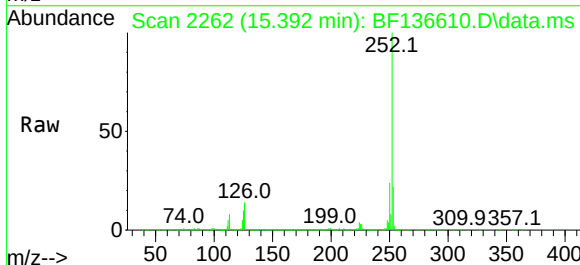
APPROVED

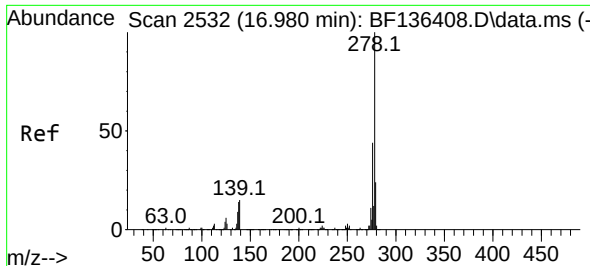
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#90
Benzo(a)pyrene
Concen: 43.793 ng
RT: 15.392 min Scan# 2262
Delta R.T. 0.012 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Tgt Ion:252 Resp: 600799
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.4
125 10.0 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 50.997 ng
RT: 16.992 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Instrument :

BNA_F

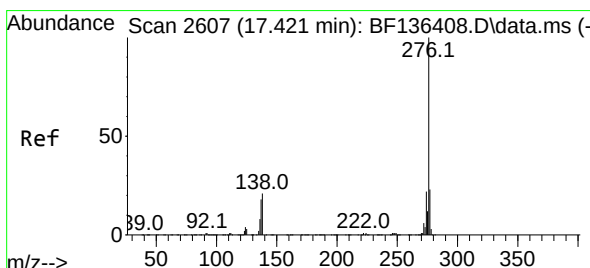
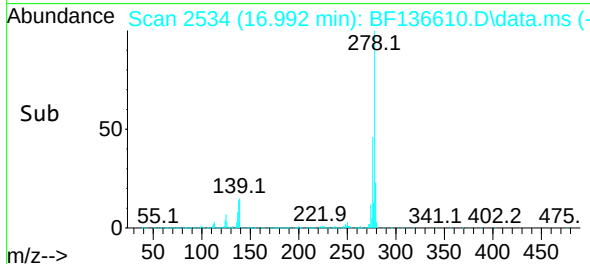
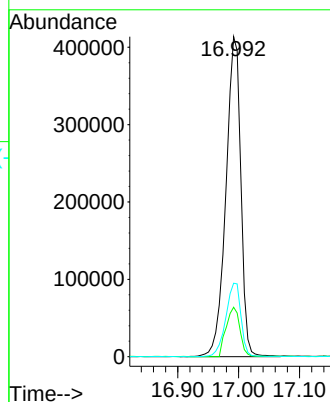
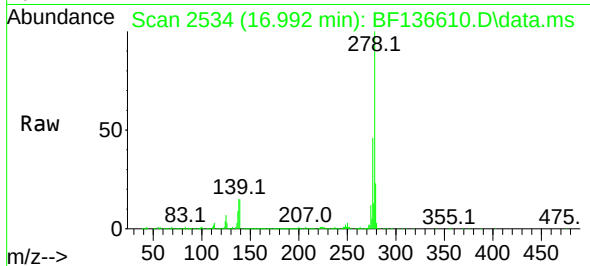
ClientSampleId :

PB157778BS

Tgt Ion:278 Resp: 70519
Ion Ratio Lower Upper
278 100
139 15.5 12.2 18.4
279 22.9 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#92
Benzo(g,h,i)perylene
Concen: 49.512 ng
RT: 17.433 min Scan# 2609
Delta R.T. 0.029 min
Lab File: BF136610.D
Acq: 18 Dec 2023 12:50

Tgt Ion:276 Resp: 702732
Ion Ratio Lower Upper
276 100
277 23.3 18.7 28.1
138 19.9 16.6 25.0

