

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110423\
 Data File : BF136141.D
 Acq On : 04 Nov 2023 11:33
 Operator : CG\JU
 Sample : PB156895BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156895BS

Quant Time: Nov 06 00:59:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 00:53:35 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/07/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	104325	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	421150	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	221528	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	410883	20.000	ng	0.00
76) Chrysene-d12	14.009	240	207622	20.000	ng	0.00
86) Perylene-d12	15.492	264	201993	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	779005	117.339	ng	0.01
7) Phenol-d6	6.457	99	964972	116.659	ng	0.00
23) Nitrobenzene-d5	7.386	82	583504	83.522	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	303562	128.381	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1101103	79.235	ng	0.00
79) Terphenyl-d14	12.951	244	1254526	93.900	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	93561	32.364	ng	99
3) Pyridine	3.410	79	227968	28.890	ng	98
4) n-Nitrosodimethylamine	3.375	42	131607	39.891	ng	92
6) Aniline	6.481	93	299326	27.950	ng	98
8) 2-Chlorophenol	6.604	128	304731	42.933	ng	99
9) Benzaldehyde	6.369	77	34989	7.586	ng	98
10) Phenol	6.475	94	363939	42.538	ng	80
11) bis(2-Chloroethyl)ether	6.557	93	277944	41.498	ng	97
12) 1,3-Dichlorobenzene	6.757	146	314420m	42.562	ng	
13) 1,4-Dichlorobenzene	6.839	146	316514	42.753	ng	98
14) 1,2-Dichlorobenzene	6.986	146	307608	44.436	ng	97
15) Benzyl Alcohol	6.963	79	250506	42.711	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.098	45	370174	40.153	ng	99
17) 2-Methylphenol	7.075	107	235869	39.172	ng	96
18) Hexachloroethane	7.328	117	115881	44.534	ng	97
19) n-Nitroso-di-n-propyla...	7.239	70	194279	41.106	ng	98
20) 3+4-Methylphenols	7.228	107	290769	39.601	ng	96
22) Acetophenone	7.233	105	400208	42.855	ng	96
24) Nitrobenzene	7.404	77	298678	42.265	ng	96
25) Isophorone	7.639	82	548839	41.612	ng	98
26) 2-Nitrophenol	7.716	139	155002	48.074	ng	90
27) 2,4-Dimethylphenol	7.757	122	245591	40.309	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	332454	41.139	ng	99
29) 2,4-Dichlorophenol	7.957	162	247670	43.120	ng	96
30) 1,2,4-Trichlorobenzene	8.039	180	271151	43.275	ng	99
31) Naphthalene	8.122	128	847973	41.754	ng	99
32) Benzoic acid	7.880	122	191997	40.260	ng	93
33) 4-Chloroaniline	8.169	127	188656	21.212	ng	99
34) Hexachlorobutadiene	8.239	225	160245	44.595	ng	99
35) Caprolactam	8.545	113	81357m	43.562	ng	
36) 4-Chloro-3-methylphenol	8.657	107	270767	44.903	ng	98
37) 2-Methylnaphthalene	8.816	142	550576	40.432	ng	99
38) 1-Methylnaphthalene	8.916	142	526476	41.545	ng	99
40) 1,2,4,5-Tetrachloroben...	8.980	216	259183	41.024	ng	99
41) Hexachlorocyclopentadiene	8.969	237	287478	85.172	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	178492	43.331	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110423\
 Data File : BF136141.D
 Acq On : 04 Nov 2023 11:33
 Operator : CG\JU
 Sample : PB156895BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156895BS

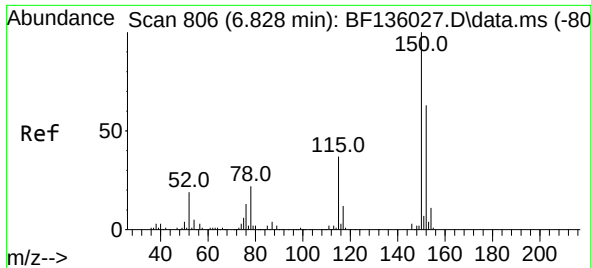
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/07/2023

Quant Time: Nov 06 00:59:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 00:53:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	194413	40.743	ng	97
46) 1,1'-Biphenyl	9.280	154	697283	41.290	ng	99
47) 2-Chloronaphthalene	9.304	162	531052	42.657	ng	97
48) 2-Nitroaniline	9.404	65	168367	45.698	ng	99
49) Acenaphthylene	9.722	152	833463	42.915	ng	99
50) Dimethylphthalate	9.586	163	634542	43.425	ng	100
51) 2,6-Dinitrotoluene	9.645	165	146620	46.914	ng	91
52) Acenaphthene	9.898	154	514266	41.653	ng	100
53) 3-Nitroaniline	9.816	138	121824	33.407	ng	94
54) 2,4-Dinitrophenol	9.922	184	150755	88.105	ng	# 85
55) Dibenzofuran	10.069	168	749623	41.639	ng	96
56) 4-Nitrophenol	9.980	139	235799	86.445	ng	82
57) 2,4-Dinitrotoluene	10.051	165	190582	48.197	ng	98
58) Fluorene	10.410	166	580072	43.035	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	167756	44.220	ng	97
60) Diethylphthalate	10.292	149	654543	46.881	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	283955	42.202	ng	92
62) 4-Nitroaniline	10.433	138	142784	40.663	ng	95
63) Azobenzene	10.569	77	565152	42.031	ng	98
65) 4,6-Dinitro-2-methylph...	10.457	198	100967	45.118	ng	78
66) n-Nitrosodiphenylamine	10.527	169	523511	42.236	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	185746	43.118	ng	93
68) Hexachlorobenzene	10.957	284	213638	46.435	ng	# 92
69) Atrazine	11.057	200	170962	50.695	ng	98
70) Pentachlorophenol	11.157	266	214758	72.682	ng	96
71) Phenanthrene	11.380	178	905365	43.763	ng	98
72) Anthracene	11.427	178	903078	42.600	ng	100
73) Carbazole	11.586	167	792046	42.995	ng	99
74) Di-n-butylphthalate	11.927	149	918424	43.631	ng	100
75) Fluoranthene	12.574	202	897591	42.234	ng	96
77) Benzidine	12.698	184	137568	33.995	ng	97
78) Pyrene	12.804	202	884111	48.299	ng	99
80) Butylbenzylphthalate	13.433	149	296601	45.266	ng	98
81) Benzo(a)anthracene	13.998	228	592920	43.137	ng	99
82) 3,3'-Dichlorobenzidine	13.962	252	159052	36.255	ng	99
83) Chrysene	14.033	228	564137	41.675	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	322886	42.297	ng	# 97
85) Di-n-octyl phthalate	14.621	149	466762	40.815	ng	99
87) Indeno(1,2,3-cd)pyrene	17.009	276	695057	52.650	ng	98
88) Benzo(b)fluoranthene	15.057	252	557488	46.643	ng	100
89) Benzo(k)fluoranthene	15.086	252	490254	41.455	ng	99
90) Benzo(a)pyrene	15.433	252	487129	43.864	ng	98
91) Dibenzo(a,h)anthracene	17.033	278	574132	53.093	ng	97
92) Benzo(g,h,i)perylene	17.474	276	580222	47.181	ng	96

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF136141.D
 Acq: 04 Nov 2023 11:33

Instrument :

BNA_F

ClientSampleId :

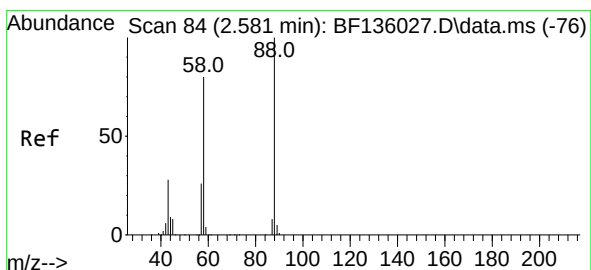
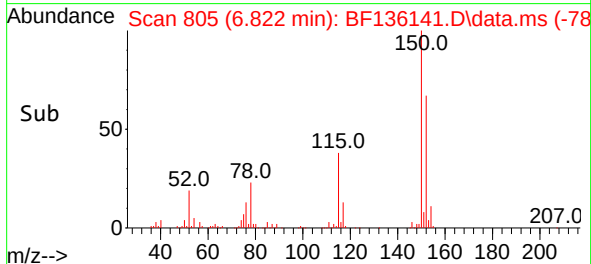
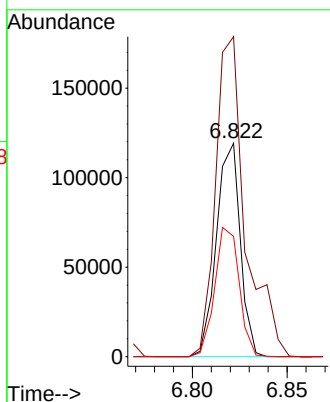
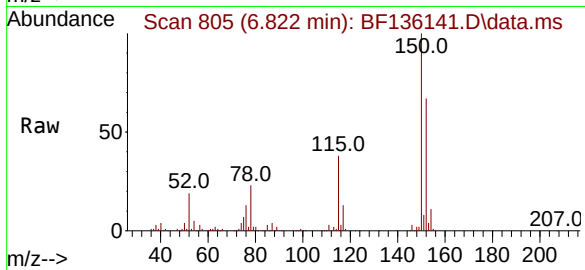
PB156895BS

Tgt Ion:152 Resp: 10432
 Ion Ratio Lower Upper
 152 100
 150 149.9 126.4 189.6
 115 56.4 47.0 70.4

Manual Integrations

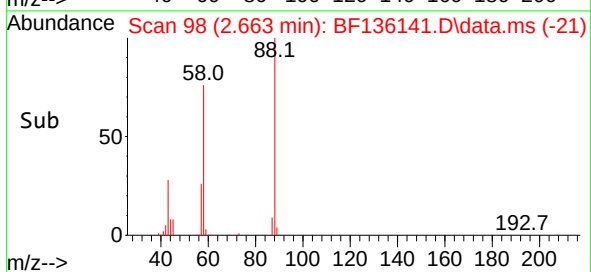
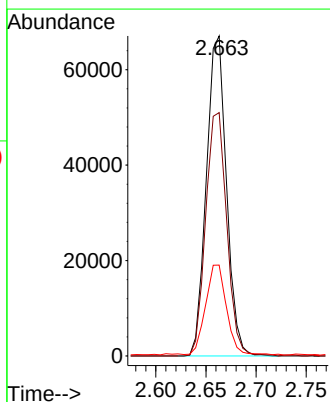
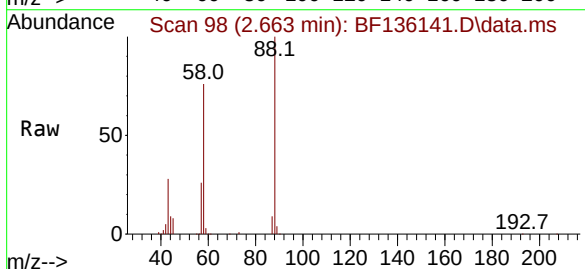
APPROVED

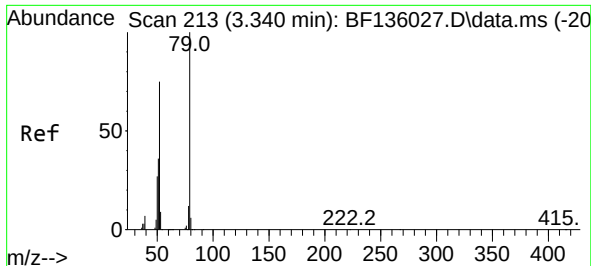
Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/07/2023



#2
 1,4-Dioxane
 Concen: 32.364 ng
 RT: 2.663 min Scan# 98
 Delta R.T. 0.100 min
 Lab File: BF136141.D
 Acq: 04 Nov 2023 11:33

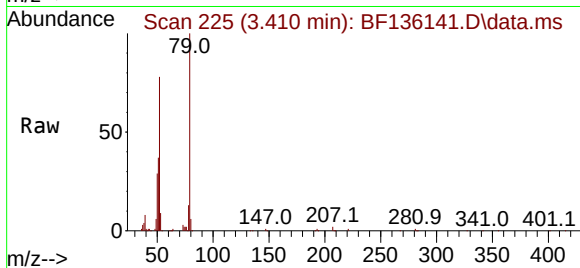
Tgt Ion: 88 Resp: 93561
 Ion Ratio Lower Upper
 88 100
 58 79.8 64.3 96.5
 43 29.3 22.3 33.5





#3
Pyridine
Concen: 28.890 ng
RT: 3.410 min Scan# 213
Delta R.T. 0.088 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

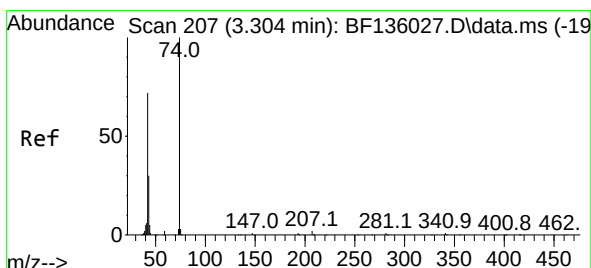
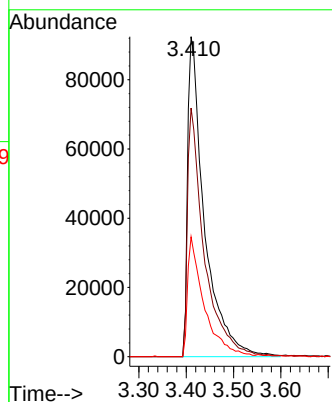
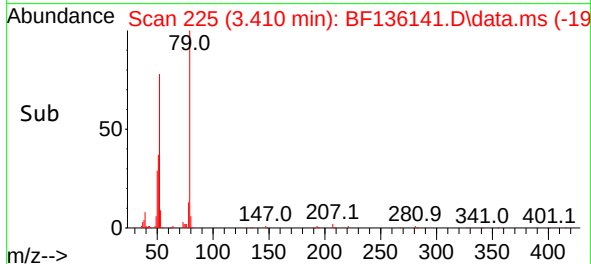
Instrument :
BNA_F
ClientSampleId :
PB156895BS



Tgt Ion: 79 Resp: 227968
Ion Ratio Lower Upper
79 100
52 77.7 60.3 90.5
51 37.4 29.3 43.9

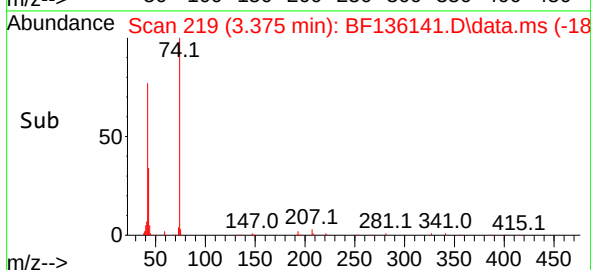
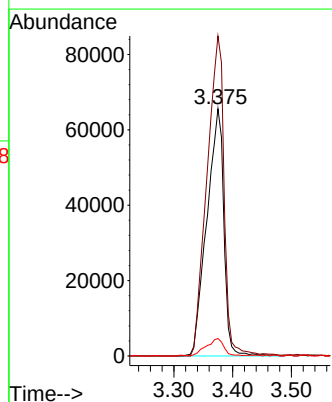
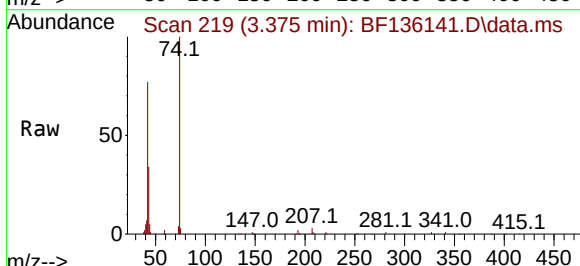
Manual Integrations
APPROVED

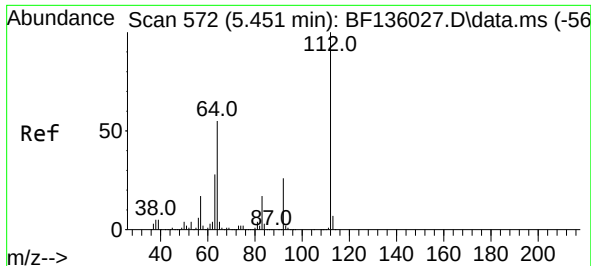
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#4
n-Nitrosodimethylamine
Concen: 39.891 ng
RT: 3.375 min Scan# 219
Delta R.T. 0.082 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

Tgt Ion: 42 Resp: 131607
Ion Ratio Lower Upper
42 100
74 129.5 111.8 167.6
44 7.0 6.2 9.4





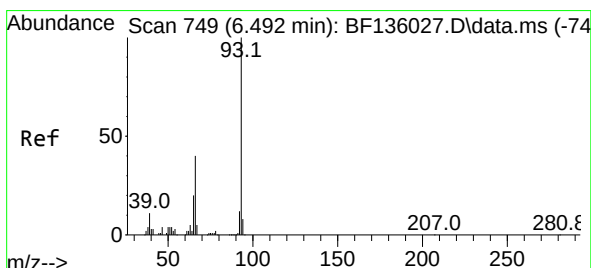
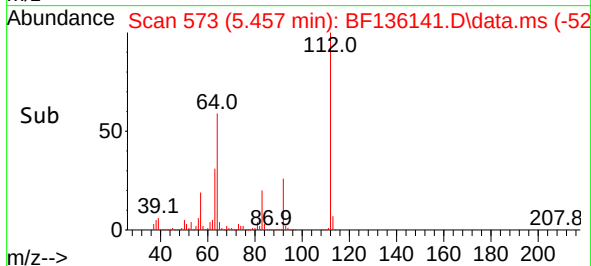
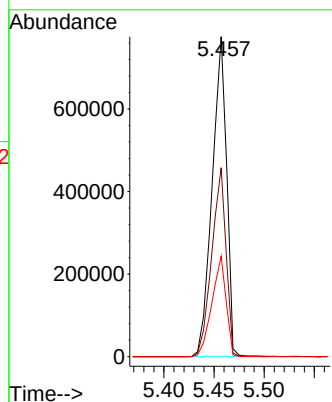
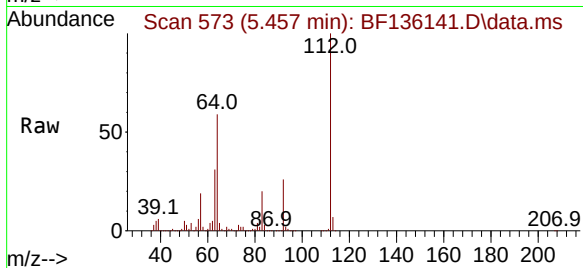
#5
2-Fluorophenol
Concen: 117.339 ng
RT: 5.457 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

Instrument :
BNA_F
ClientSampleId :
PB156895BS

Tgt Ion:112 Resp: 77900
Ion Ratio Lower Upper
112 100
64 59.0 43.9 65.9
63 31.4 22.4 33.6

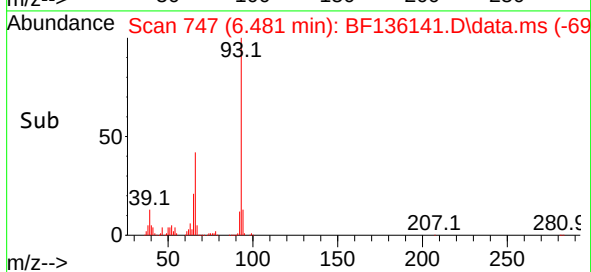
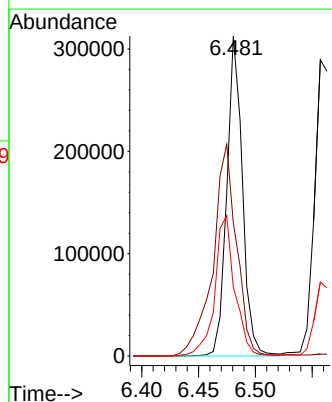
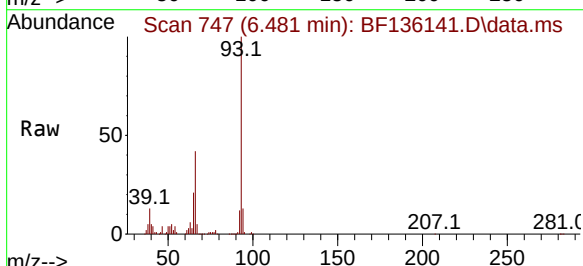
Manual Integrations
APPROVED

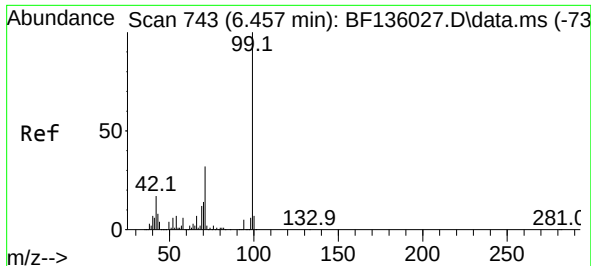
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#6
Aniline
Concen: 27.950 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

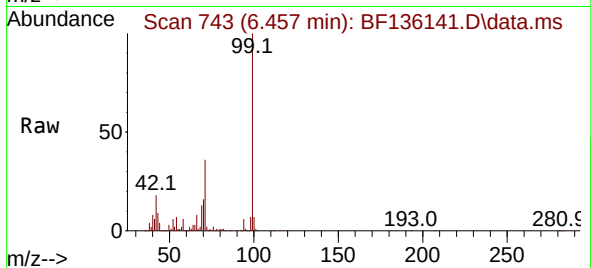
Tgt Ion: 93 Resp: 299326
Ion Ratio Lower Upper
93 100
66 41.5 32.4 48.6
65 21.5 16.2 24.2





#7
Phenol-d6
Concen: 116.659 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

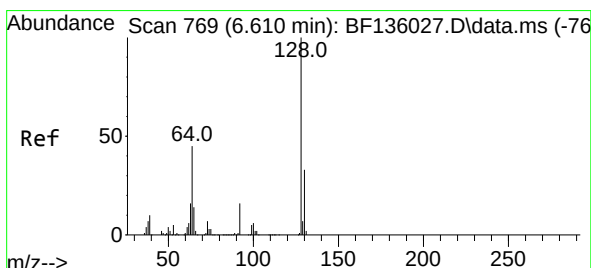
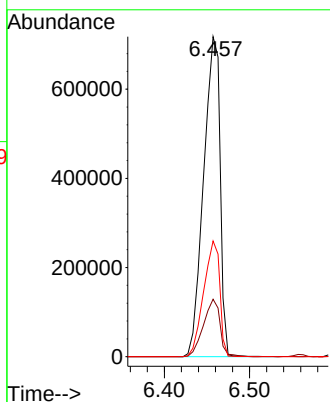
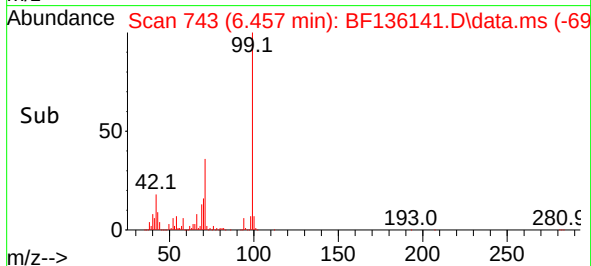
Instrument :
BNA_F
ClientSampleId :
PB156895BS



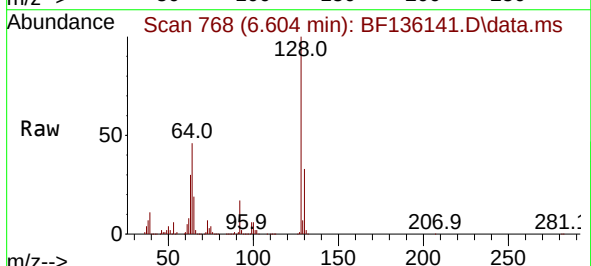
Tgt Ion: 99 Resp: 964972
Ion Ratio Lower Upper
99 100
42 18.0 13.7 20.5
71 36.2 25.9 38.9

Manual Integrations
APPROVED

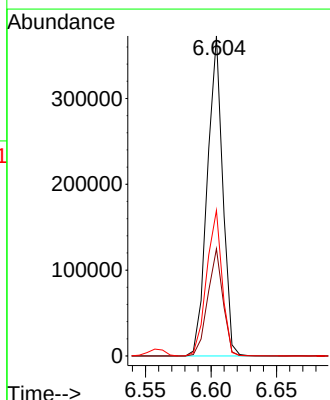
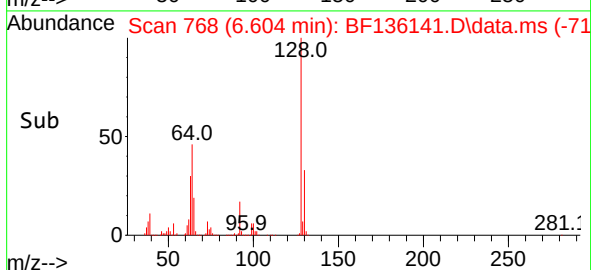
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

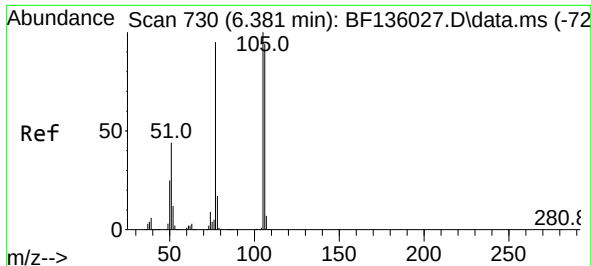


#8
2-Chlorophenol
Concen: 42.933 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33



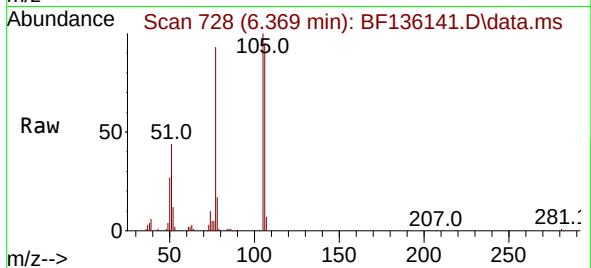
Tgt Ion:128 Resp: 304731
Ion Ratio Lower Upper
128 100
130 33.5 12.8 52.8
64 45.5 25.8 65.8





#9
Benzaldehyde
Concen: 7.586 ng
RT: 6.369 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

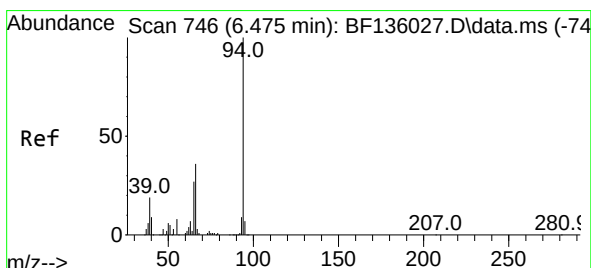
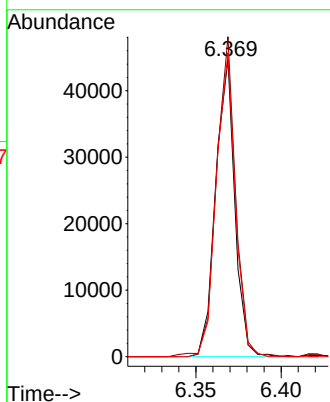
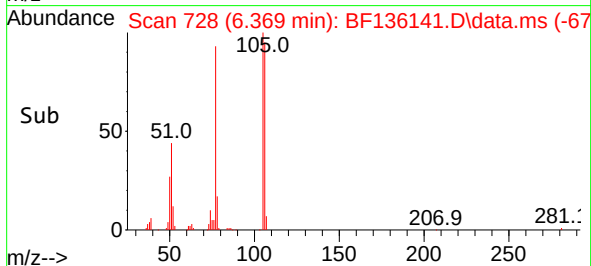
Instrument :
BNA_F
ClientSampleId :
PB156895BS



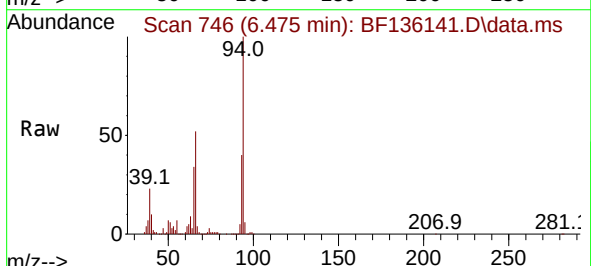
Tgt Ion: 77 Resp: 34989
Ion Ratio Lower Upper
77 100
105 107.6 85.7 125.7
106 102.3 79.8 119.8

Manual Integrations
APPROVED

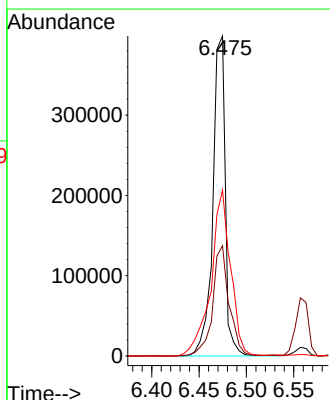
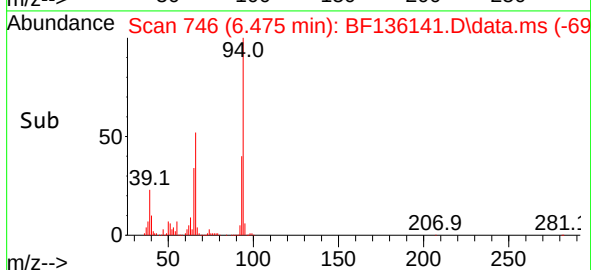
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

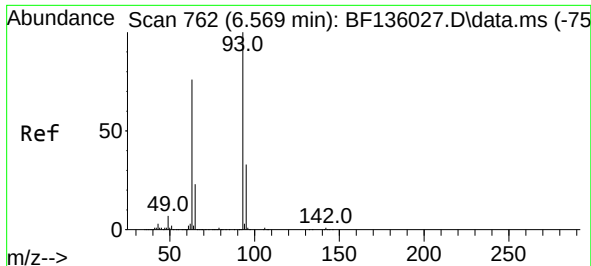


#10
Phenol
Concen: 42.538 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33



Tgt Ion: 94 Resp: 363939
Ion Ratio Lower Upper
94 100
65 34.4 7.5 47.5
66 51.9 17.1 57.1





#11
bis(2-Chloroethyl)ether
Concen: 41.498 ng
RT: 6.557 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

Instrument :

BNA_F

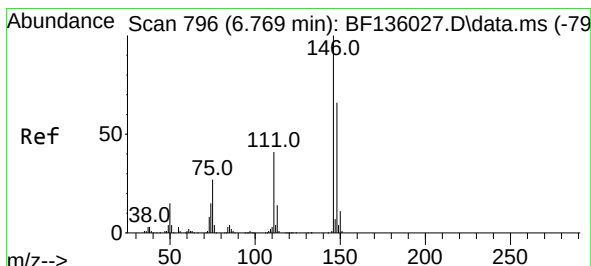
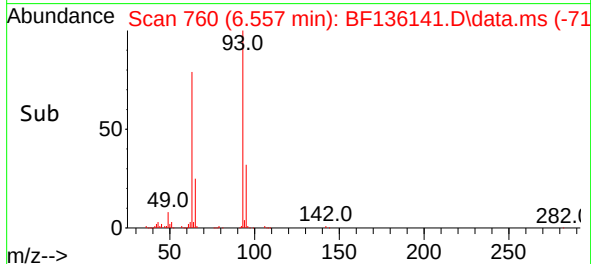
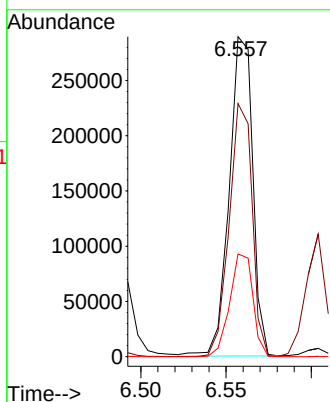
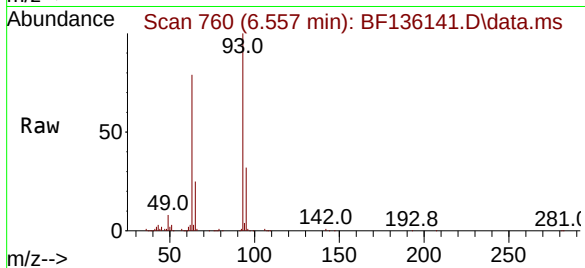
ClientSampleId :

PB156895BS

Tgt Ion: 93 Resp: 277944
Ion Ratio Lower Upper
93 100
63 79.1 55.8 95.8
95 32.1 12.9 52.9

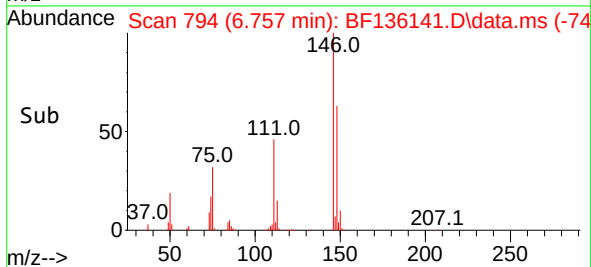
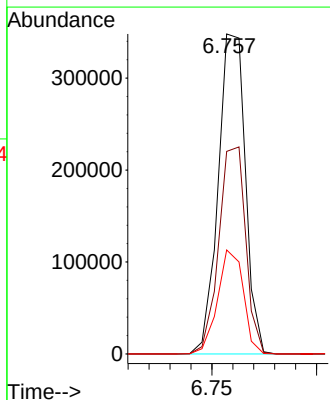
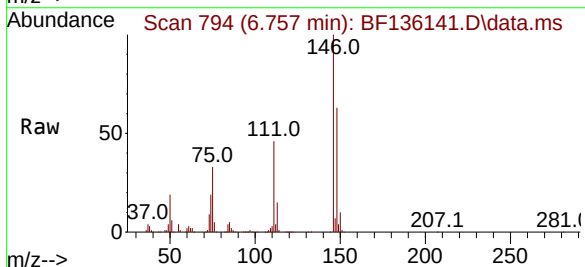
Manual Integrations
APPROVED

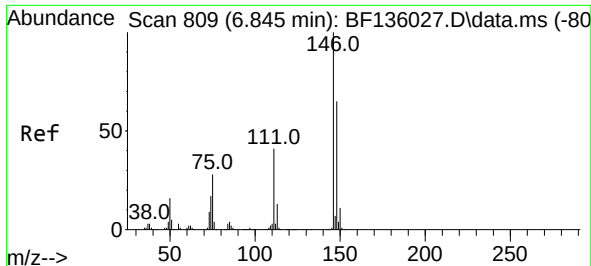
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#12
1,3-Dichlorobenzene
Concen: 42.562 ng m
RT: 6.757 min Scan# 794
Delta R.T. -0.006 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

Tgt Ion:146 Resp: 314420
Ion Ratio Lower Upper
146 100
148 63.3 52.6 78.8
75 32.5 21.6 32.4#





#13

1,4-Dichlorobenzene

Concen: 42.753 ng

RT: 6.839 min Scan# 809

Delta R.T. 0.000 min

Lab File: BF136141.D

Acq: 04 Nov 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB156895BS

Tgt Ion:146 Resp: 316514

Ion Ratio Lower Upper

146 100

148 65.6 52.1 78.1

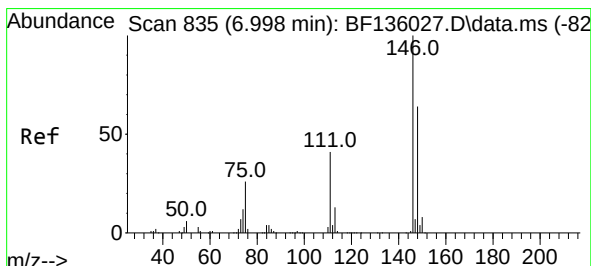
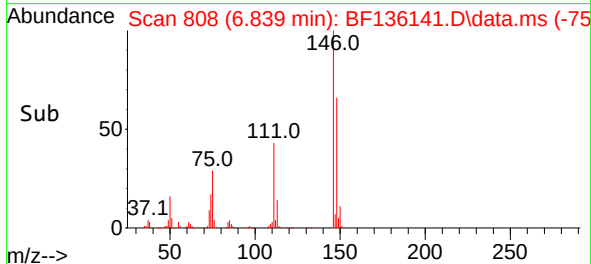
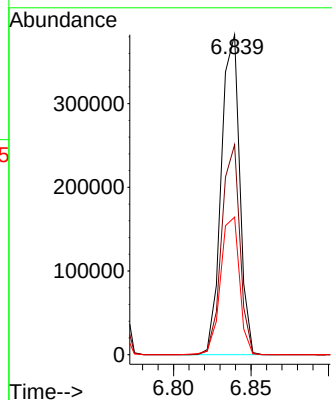
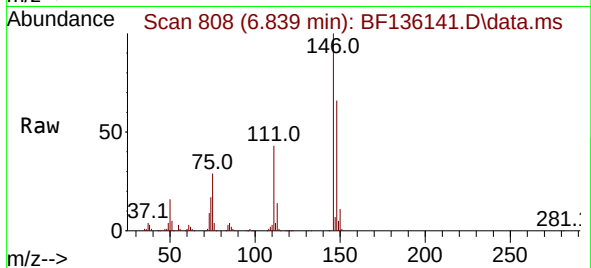
111 43.0 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2023

Supervised By :mohammad ahmed 11/07/2023



#14

1,2-Dichlorobenzene

Concen: 44.436 ng

RT: 6.986 min Scan# 833

Delta R.T. -0.006 min

Lab File: BF136141.D

Acq: 04 Nov 2023 11:33

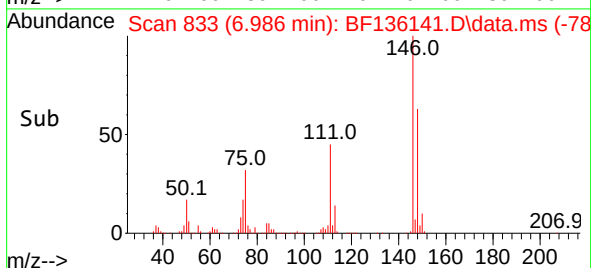
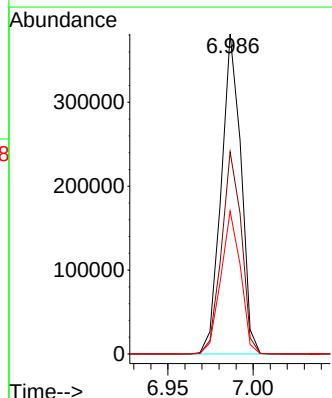
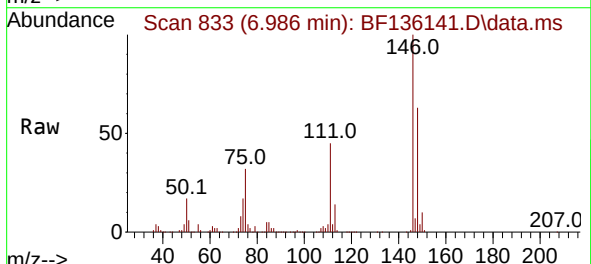
Tgt Ion:146 Resp: 307608

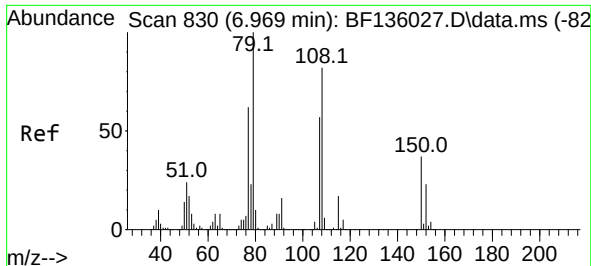
Ion Ratio Lower Upper

146 100

148 63.2 51.4 77.2

111 44.7 33.0 49.4





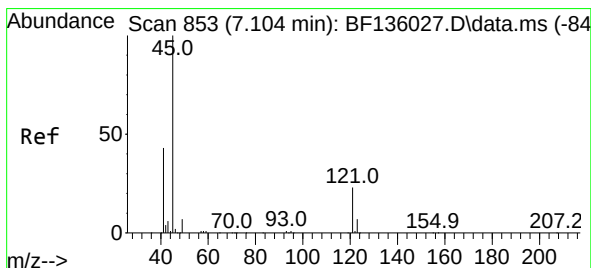
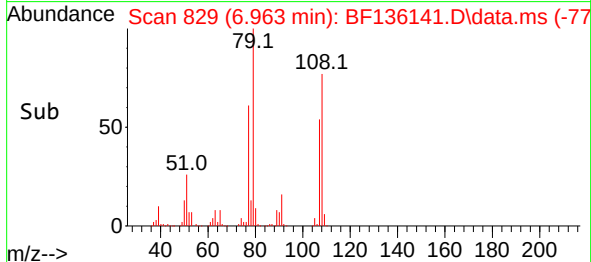
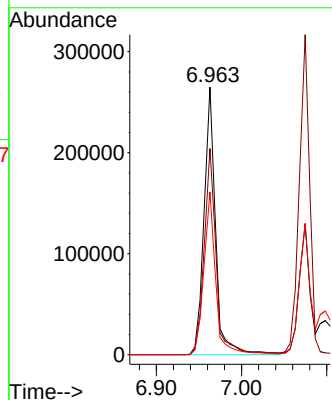
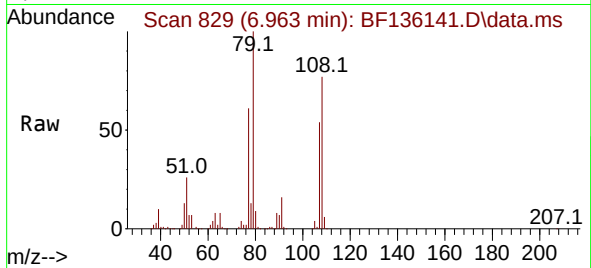
#15
Benzyl Alcohol
Concen: 42.711 ng
RT: 6.963 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

Instrument :
BNA_F
ClientSampleId :
PB156895BS

Tgt Ion: 79 Resp: 250500
Ion Ratio Lower Upper
79 100
108 77.1 65.9 98.9
77 60.9 49.4 74.2

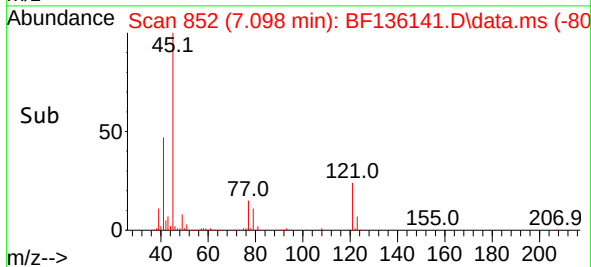
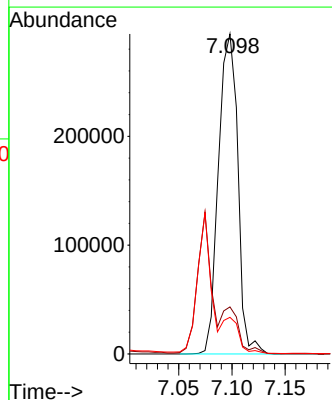
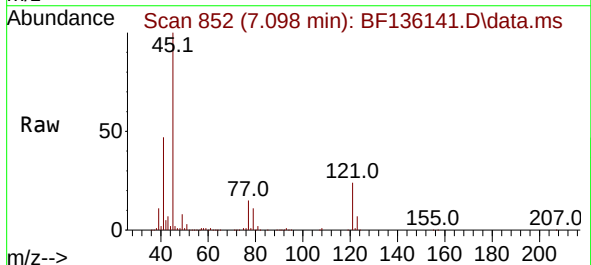
Manual Integrations
APPROVED

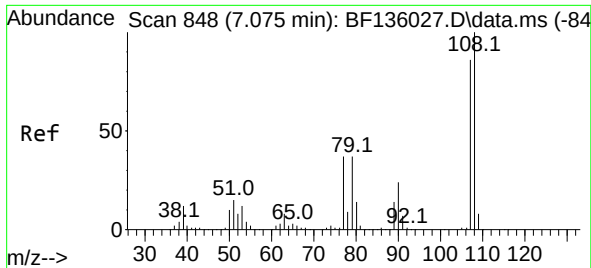
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.153 ng
RT: 7.098 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

Tgt Ion: 45 Resp: 370174
Ion Ratio Lower Upper
45 100
77 14.7 0.0 34.6
79 11.5 0.0 30.6





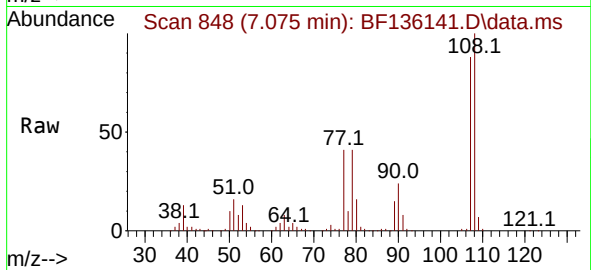
#17
2-Methylphenol
Concen: 39.172 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB156895BS

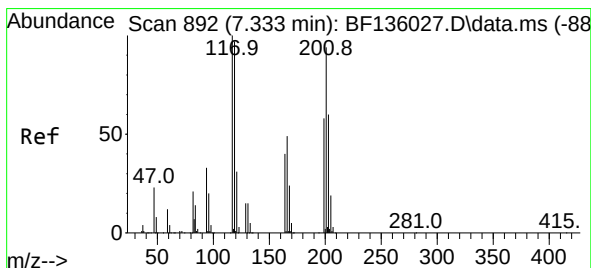
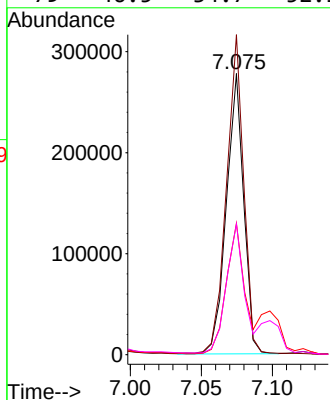
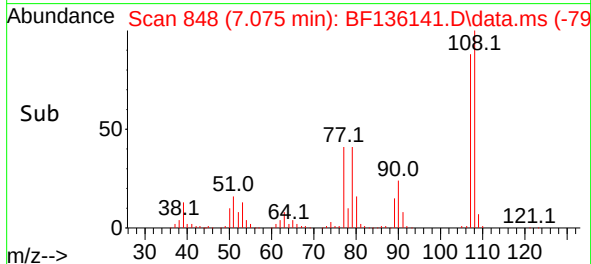


Tgt Ion:107 Resp: 235869
Ion Ratio Lower Upper
107 100
108 113.8 93.4 140.2
77 46.7 34.4 51.6
79 46.5 34.7 52.1

Manual Integrations

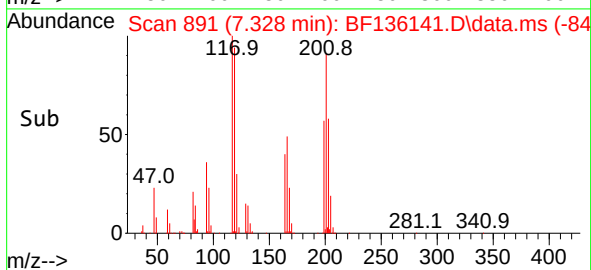
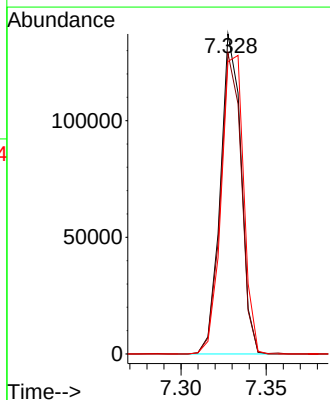
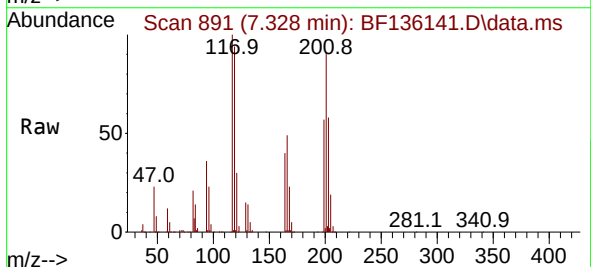
APPROVED

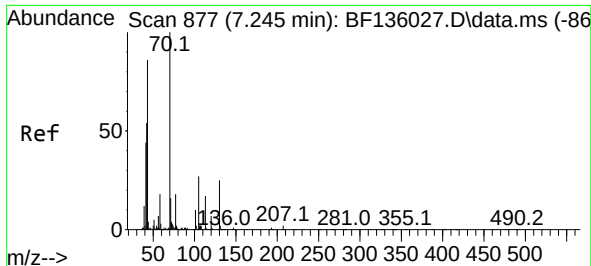
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#18
Hexachloroethane
Concen: 44.534 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

Tgt Ion:117 Resp: 115881
Ion Ratio Lower Upper
117 100
119 93.9 77.7 116.5
201 91.4 75.0 112.6





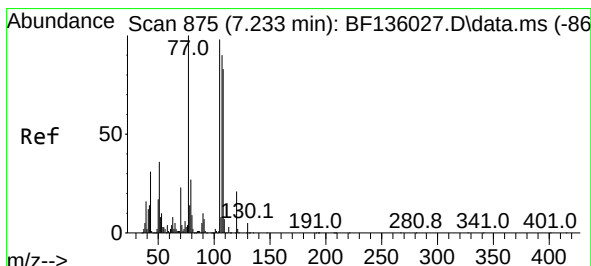
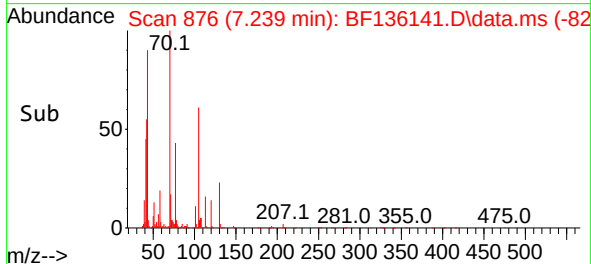
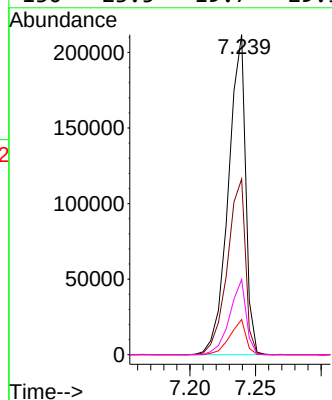
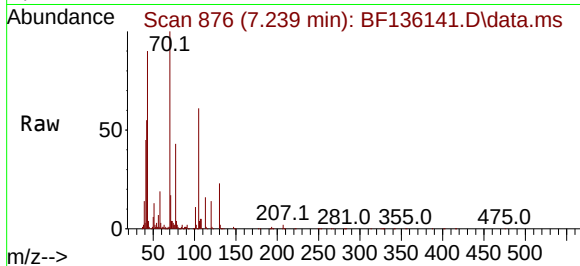
#19
n-Nitroso-di-n-propylamine
Concen: 41.106 ng
RT: 7.239 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

Instrument :
BNA_F
ClientSampleId :
PB156895BS

Tgt Ion: 70 Resp: 194279
Ion Ratio Lower Upper
70 100
42 54.9 43.0 64.4
101 11.0 8.0 12.0
130 23.5 19.7 29.5

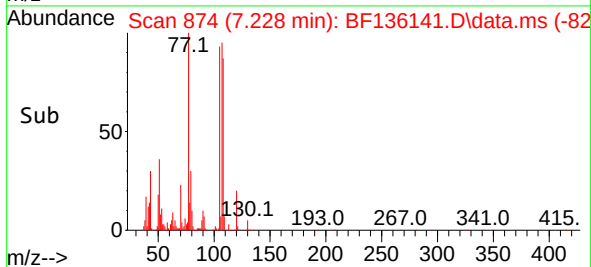
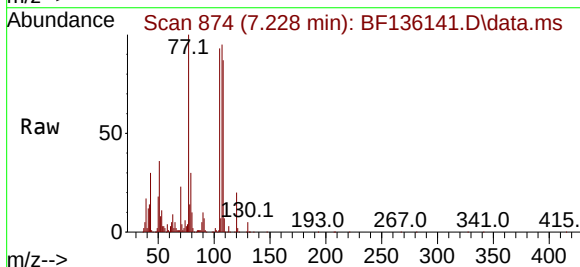
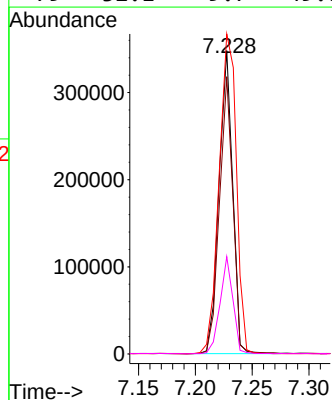
Manual Integrations
APPROVED

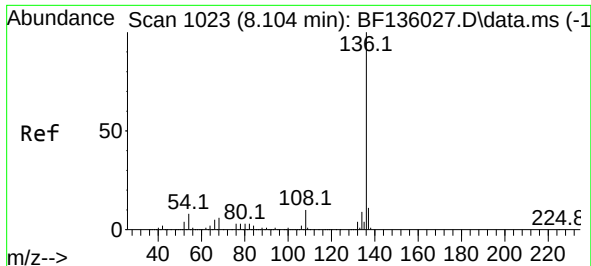
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#20
3+4-Methylphenols
Concen: 39.601 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

Tgt Ion:107 Resp: 290769
Ion Ratio Lower Upper
107 100
108 91.4 72.3 112.3
77 105.5 91.4 131.4
79 32.1 9.7 49.7





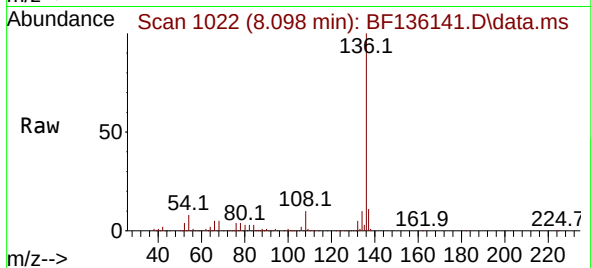
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB156895BS



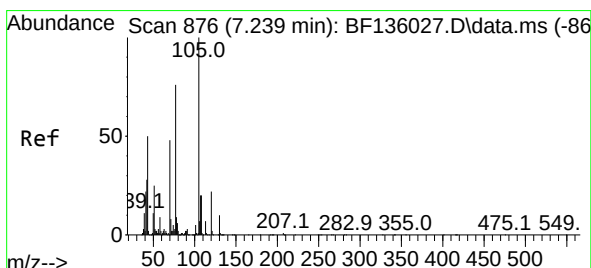
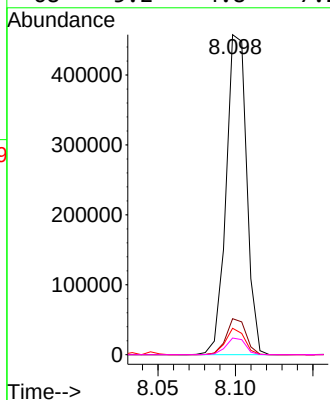
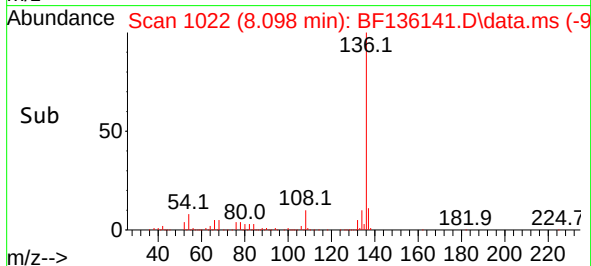
Tgt Ion:136 Resp: 421150
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 8.3 6.6 9.8
68 5.2 4.8 7.2

Manual Integrations

APPROVED

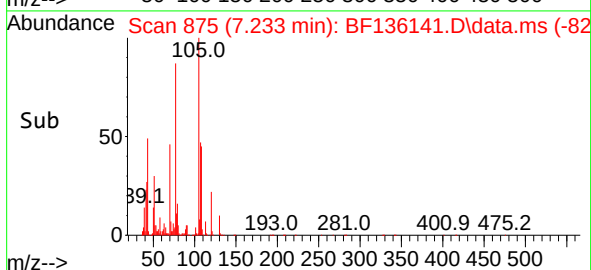
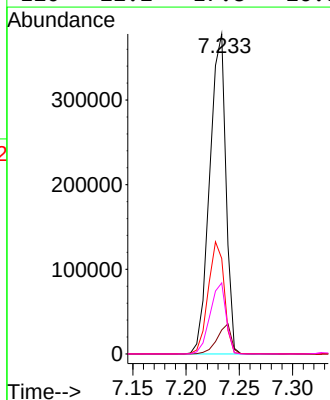
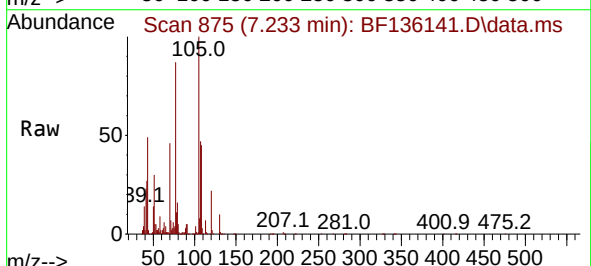
Reviewed By :Yogesh Patel 11/06/2023

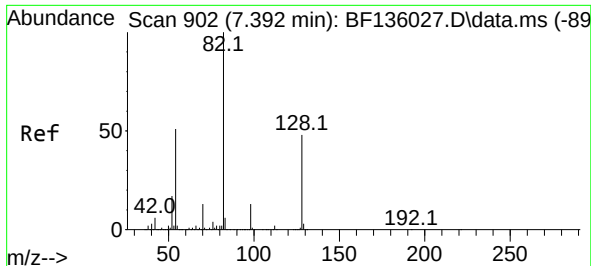
Supervised By :mohammad ahmed 11/07/2023



#22
Acetophenone
Concen: 42.855 ng
RT: 7.233 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

Tgt Ion:105 Resp: 400208
Ion Ratio Lower Upper
105 100
71 7.5 6.5 9.7
51 29.9 20.3 30.5
120 22.2 17.8 26.8





#23

Nitrobenzene-d5

Concen: 83.522 ng

RT: 7.386 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF136141.D

Acq: 04 Nov 2023 11:33

Instrument :

BNA_F

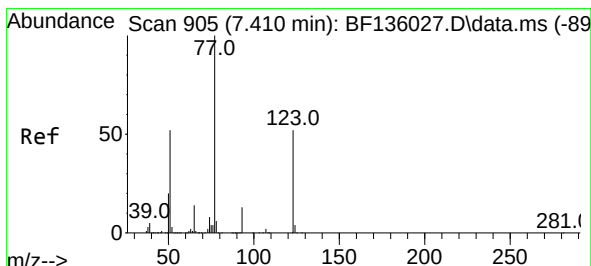
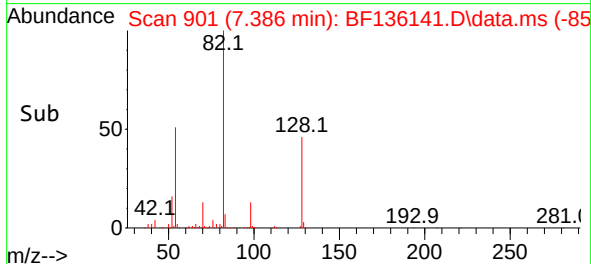
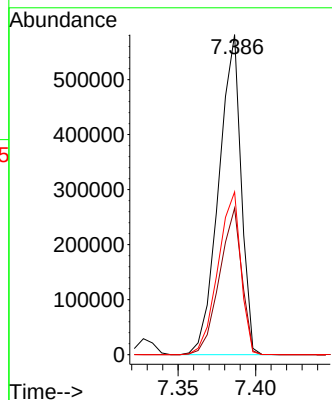
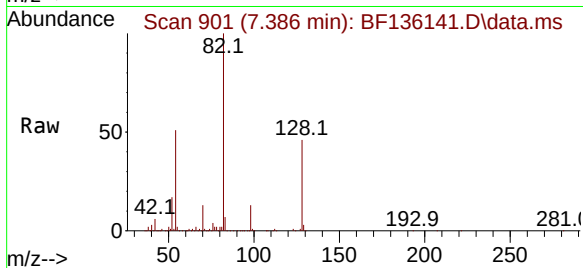
ClientSampleId :

PB156895BS

Tgt Ion: 82 Resp: 583504
 Ion Ratio Lower Upper
 82 100
 128 45.8 38.6 57.8
 54 50.9 40.8 61.2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/07/2023



#24

Nitrobenzene

Concen: 42.265 ng

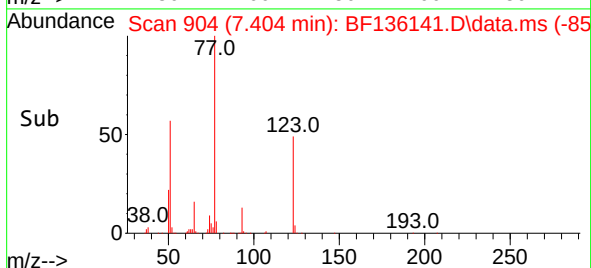
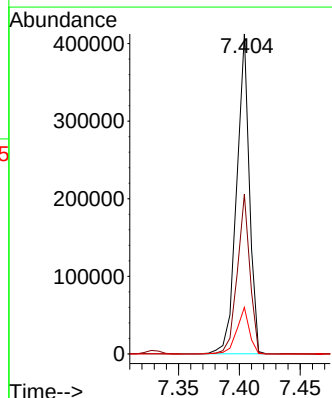
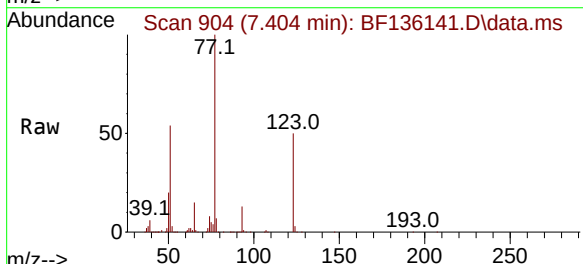
RT: 7.404 min Scan# 904

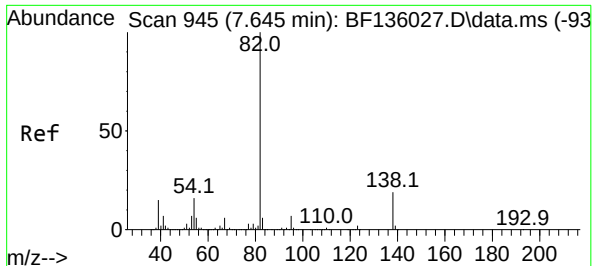
Delta R.T. 0.000 min

Lab File: BF136141.D

Acq: 04 Nov 2023 11:33

Tgt Ion: 77 Resp: 298678
 Ion Ratio Lower Upper
 77 100
 123 49.9 42.3 63.5
 65 14.6 11.0 16.6





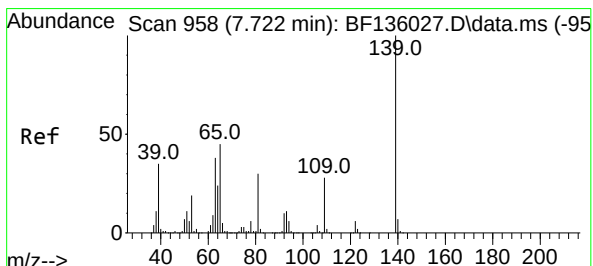
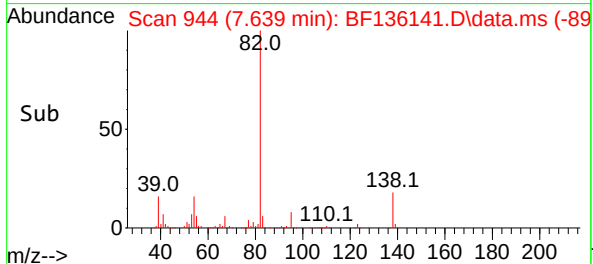
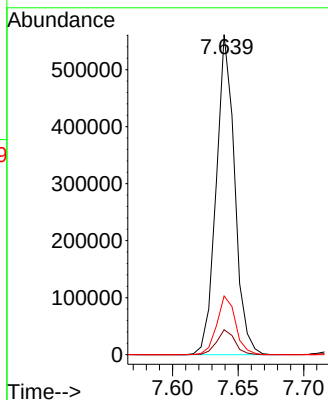
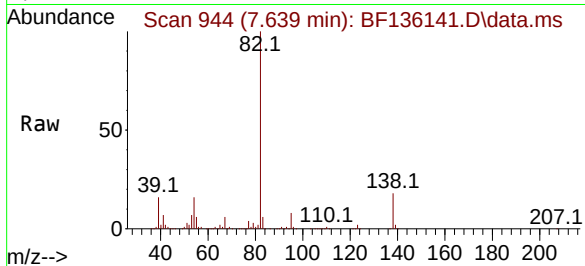
#25
Isophorone
Concen: 41.612 ng
RT: 7.639 min Scan# 944
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

Instrument :
BNA_F
ClientSampleId :
PB156895BS

Tgt Ion: 82 Resp: 548839
Ion Ratio Lower Upper
82 100
95 7.8 5.9 8.9
138 18.3 15.3 22.9

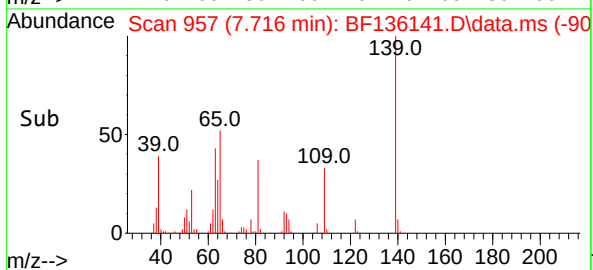
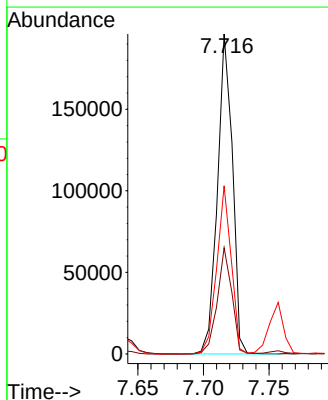
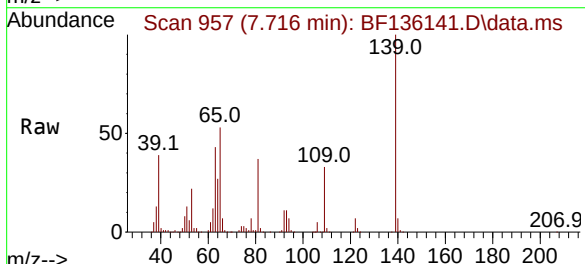
Manual Integrations
APPROVED

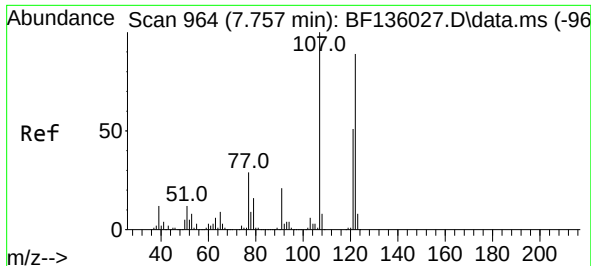
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#26
2-Nitrophenol
Concen: 48.074 ng
RT: 7.716 min Scan# 957
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

Tgt Ion:139 Resp: 155002
Ion Ratio Lower Upper
139 100
109 33.2 22.6 34.0
65 52.6 36.3 54.5





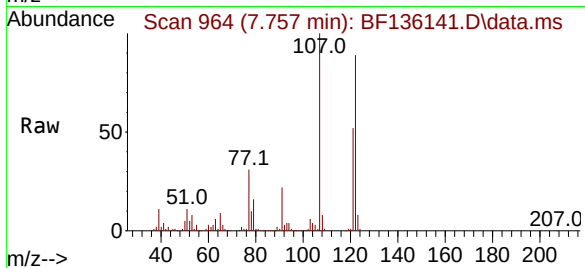
#27
2,4-Dimethylphenol
Concen: 40.309 ng
RT: 7.757 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB156895BS

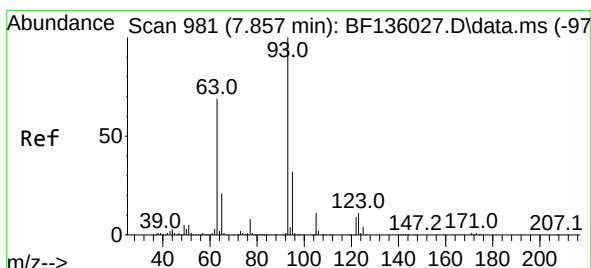
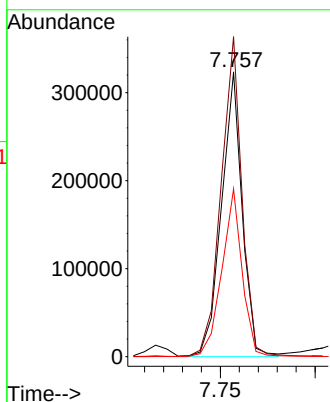
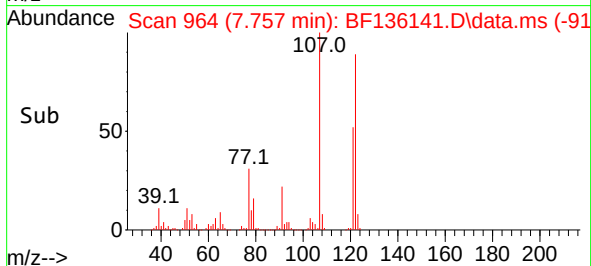


Tgt Ion:122 Resp: 24559
Ion Ratio Lower Upper
122 100
107 112.4 89.6 134.4
121 58.9 46.0 69.0

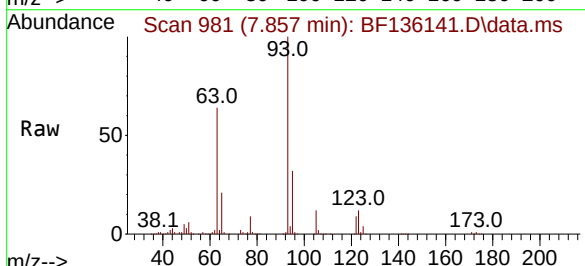
Manual Integrations

APPROVED

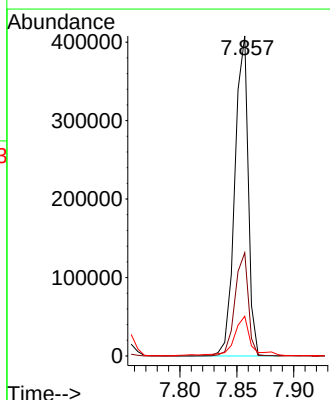
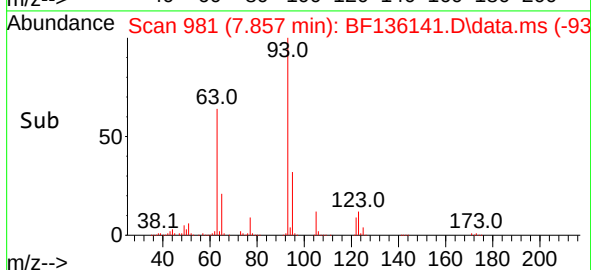
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

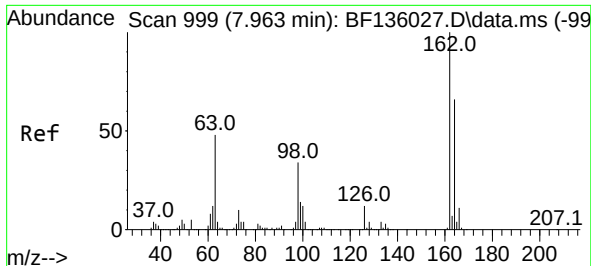


#28
bis(2-Chloroethoxy)methane
Concen: 41.139 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33



Tgt Ion: 93 Resp: 332454
Ion Ratio Lower Upper
93 100
95 32.2 25.7 38.5
123 12.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 43.120 ng

RT: 7.957 min Scan# 94

Delta R.T. 0.000 min

Lab File: BF136141.D

Acq: 04 Nov 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB156895BS

Tgt Ion:162 Resp: 247670

Ion Ratio Lower Upper

162 100

164 66.1 45.5 85.5

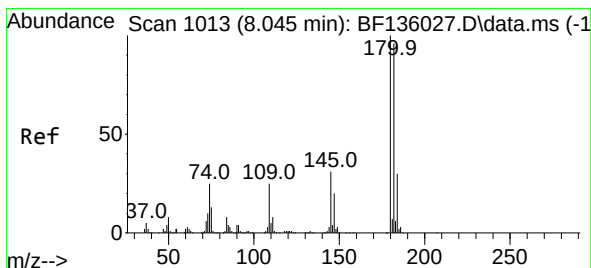
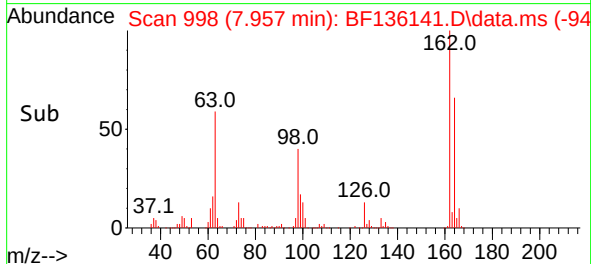
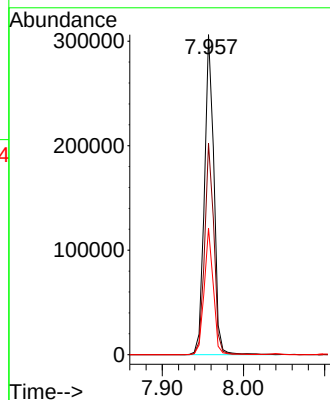
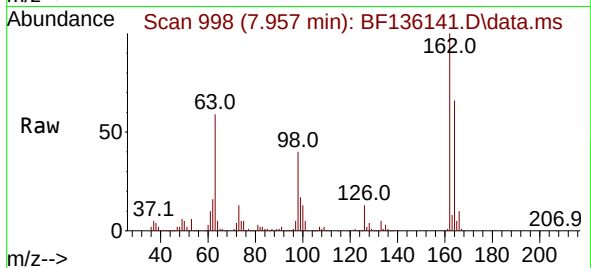
98 39.5 14.4 54.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2023

Supervised By :mohammad ahmed 11/07/2023



#30

1,2,4-Trichlorobenzene

Concen: 43.275 ng

RT: 8.039 min Scan# 1012

Delta R.T. 0.000 min

Lab File: BF136141.D

Acq: 04 Nov 2023 11:33

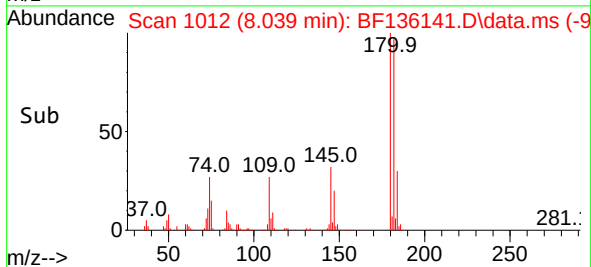
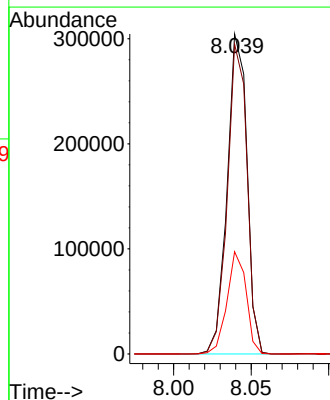
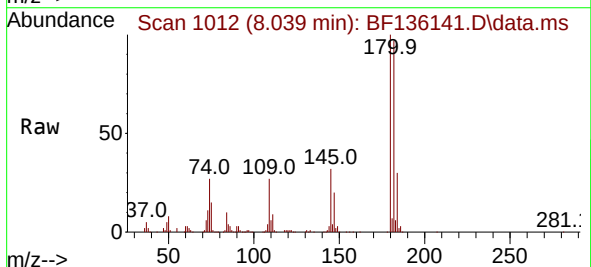
Tgt Ion:180 Resp: 271151

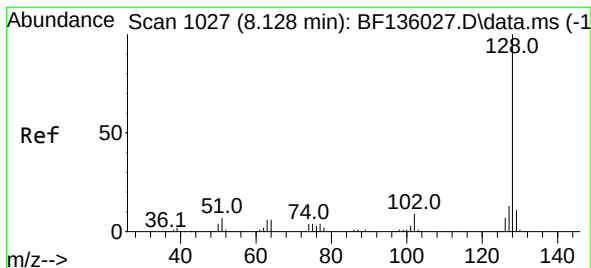
Ion Ratio Lower Upper

180 100

182 96.8 76.9 115.3

145 31.9 24.7 37.1





#31

Naphthalene

Concen: 41.754 ng

RT: 8.122 min Scan# 1026

Delta R.T. 0.000 min

Lab File: BF136141.D

Acq: 04 Nov 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB156895BS

Tgt Ion:128 Resp: 84797

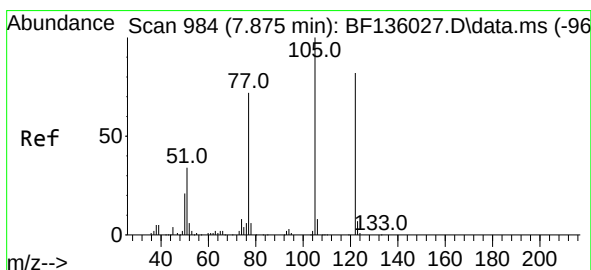
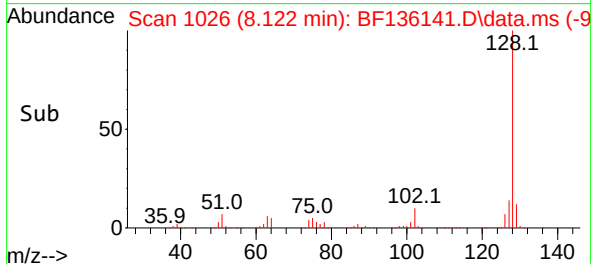
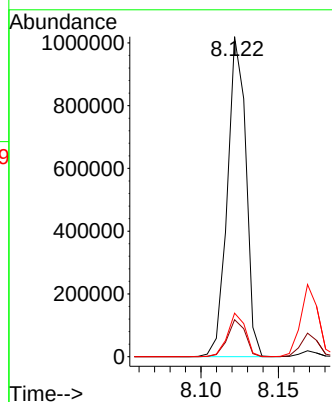
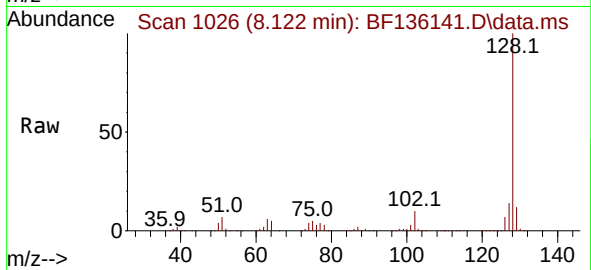
Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.9	13.3
127	13.6	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2023

Supervised By :mohammad ahmed 11/07/2023



#32

Benzoic acid

Concen: 40.260 ng

RT: 7.880 min Scan# 985

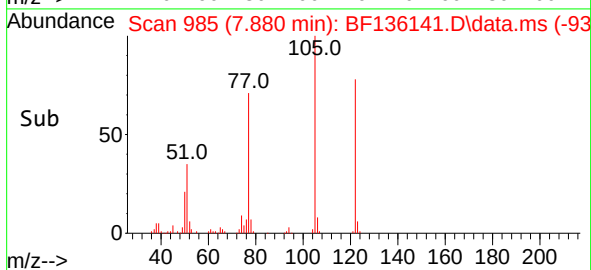
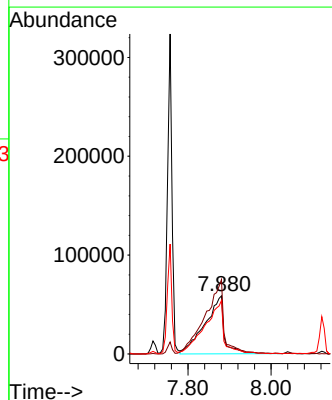
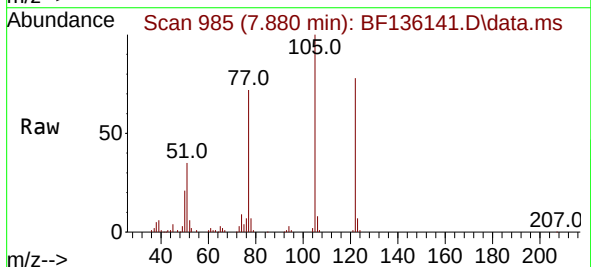
Delta R.T. 0.012 min

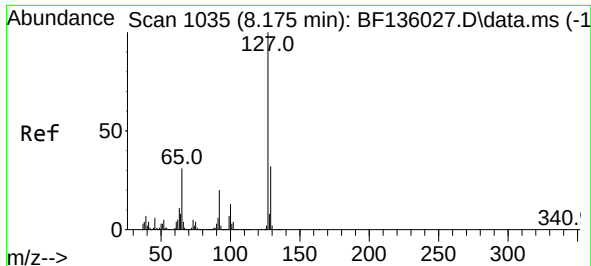
Lab File: BF136141.D

Acq: 04 Nov 2023 11:33

Tgt Ion:122 Resp: 191997

Ion	Ratio	Lower	Upper
122	100		
105	128.1	99.5	139.5
77	91.9	66.8	106.8





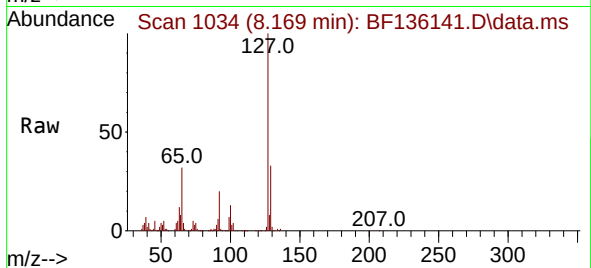
#33
4-Chloroaniline
Concen: 21.212 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB156895BS

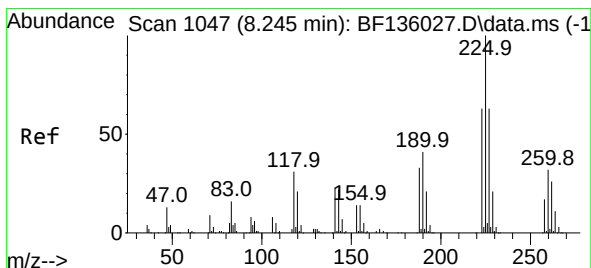
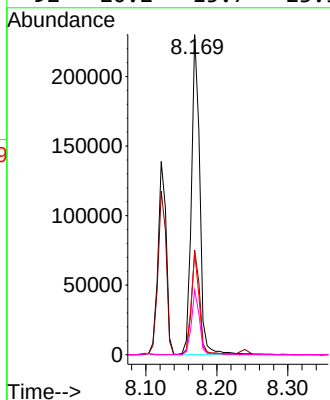
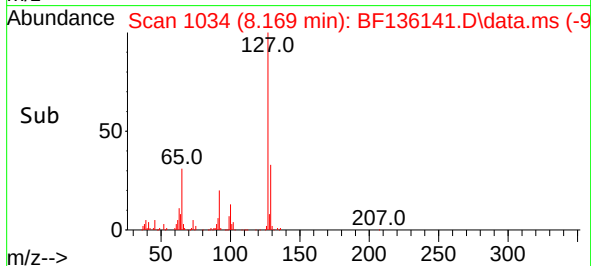


Tgt Ion:127 Resp: 188650
Ion Ratio Lower Upper
127 100
129 32.7 25.9 38.9
65 31.7 24.6 37.0
92 20.2 15.7 23.5

Manual Integrations

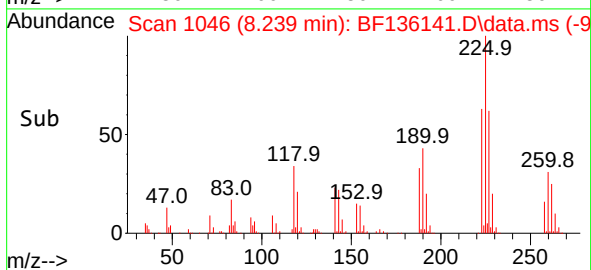
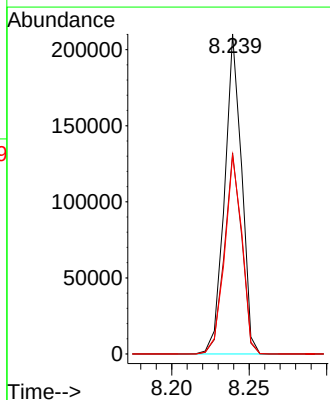
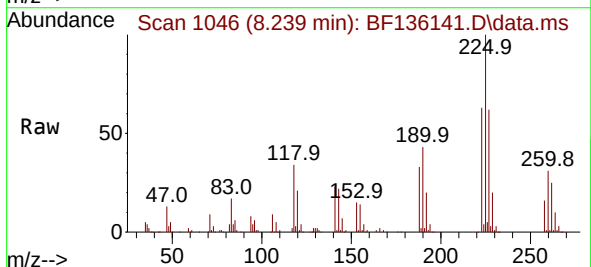
APPROVED

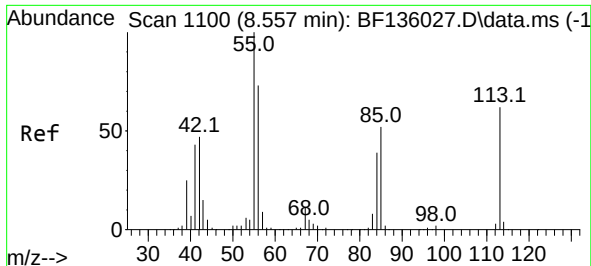
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#34
Hexachlorobutadiene
Concen: 44.595 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

Tgt Ion:225 Resp: 160245
Ion Ratio Lower Upper
225 100
223 62.9 50.3 75.5
227 62.0 50.6 75.8





#35
Caprolactam
Concen: 43.562 ng m
RT: 8.545 min Scan# 1098
Delta R.T. -0.006 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

Instrument :

BNA_F

ClientSampleId :

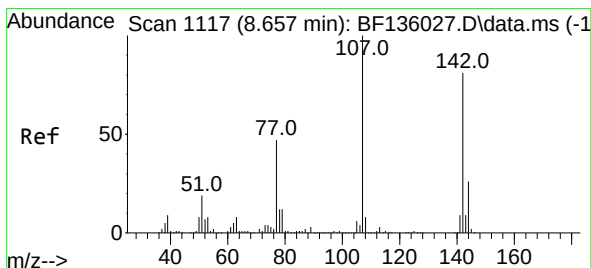
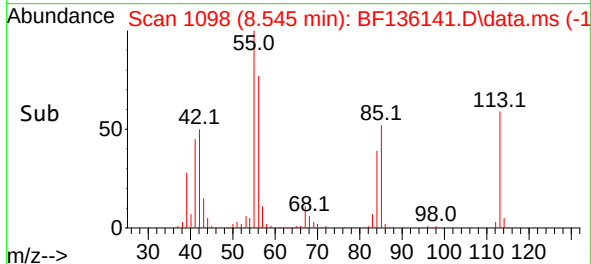
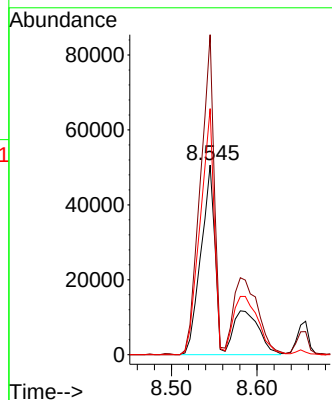
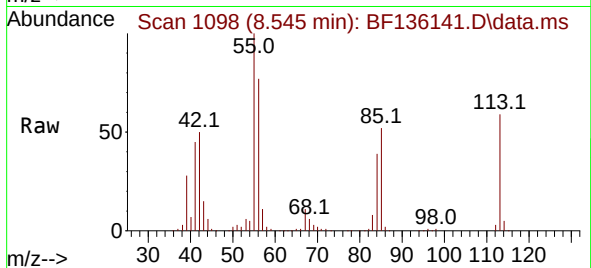
PB156895BS

Tgt Ion:113 Resp: 8135
Ion Ratio Lower Upper
113 100
55 168.8 142.2 182.2
56 129.8 97.7 137.7

Manual Integrations

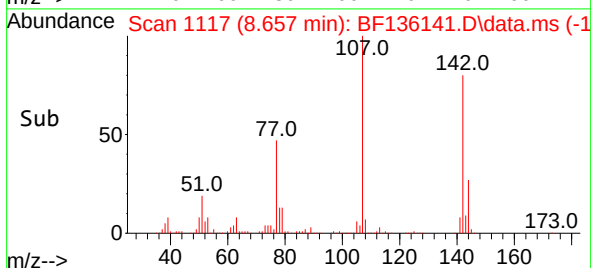
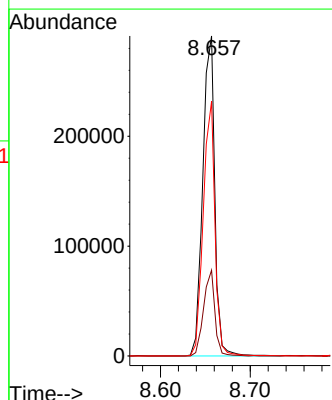
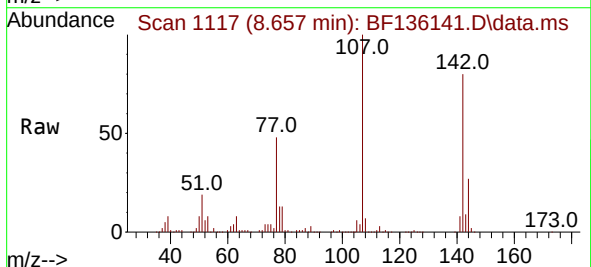
APPROVED

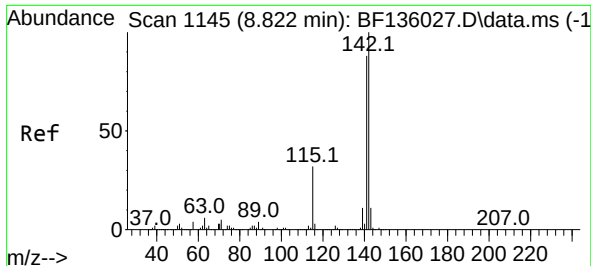
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#36
4-Chloro-3-methylphenol
Concen: 44.903 ng
RT: 8.657 min Scan# 1117
Delta R.T. 0.006 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

Tgt Ion:107 Resp: 270767
Ion Ratio Lower Upper
107 100
144 26.8 20.6 31.0
142 79.6 64.6 97.0





#37
2-Methylnaphthalene
Concen: 40.432 ng
RT: 8.816 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

Instrument :

BNA_F

ClientSampleId :

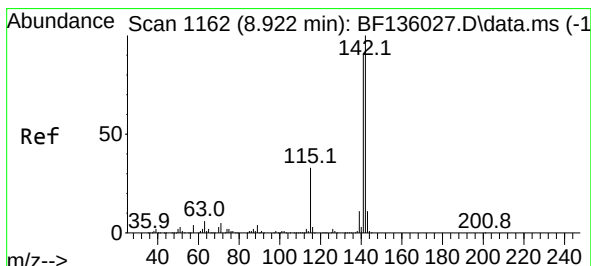
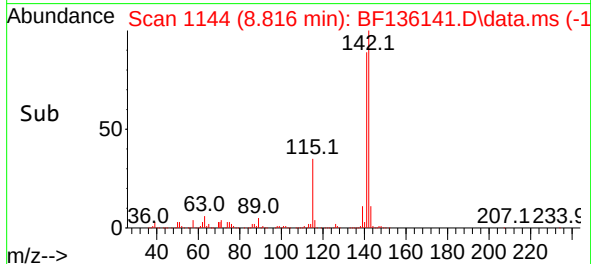
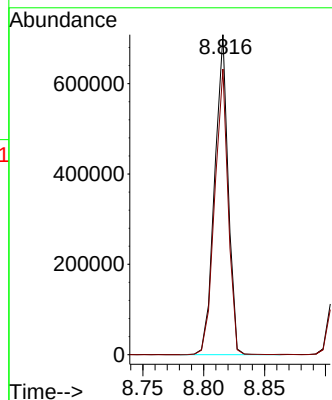
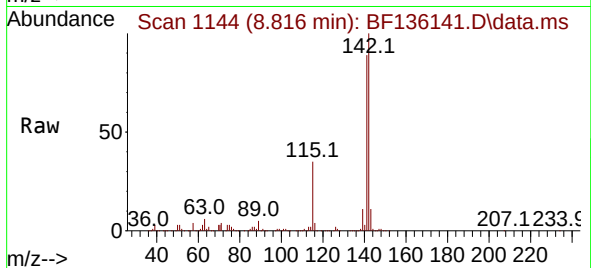
PB156895BS

Tgt Ion:142 Resp: 550570
Ion Ratio Lower Upper
142 100
141 89.2 70.4 105.6

Manual Integrations

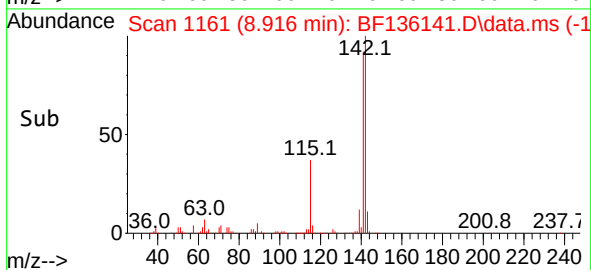
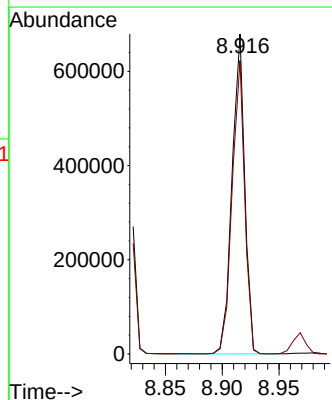
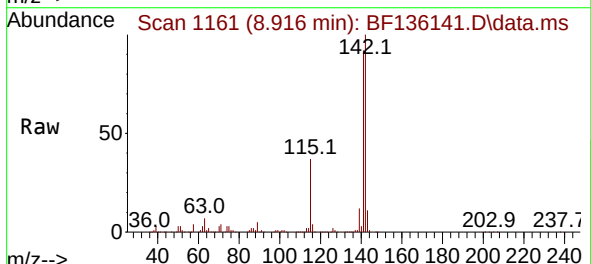
APPROVED

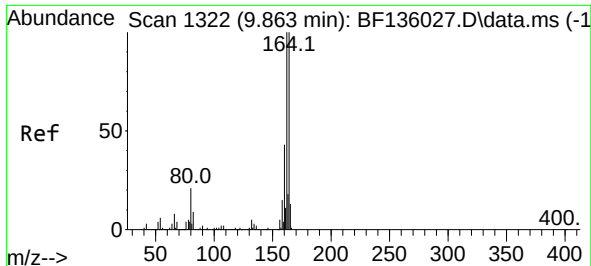
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#38
1-Methylnaphthalene
Concen: 41.545 ng
RT: 8.916 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

Tgt Ion:142 Resp: 526476
Ion Ratio Lower Upper
142 100
141 91.8 72.6 109.0





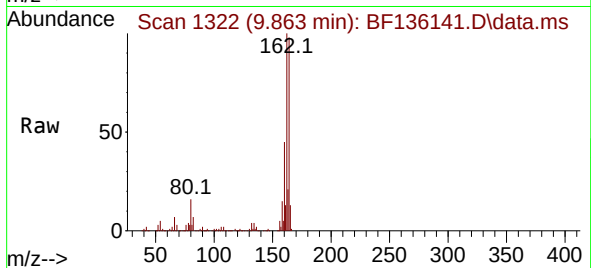
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB156895BS

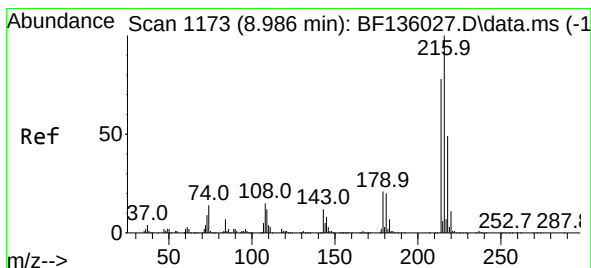
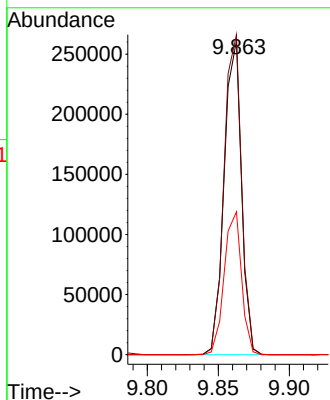
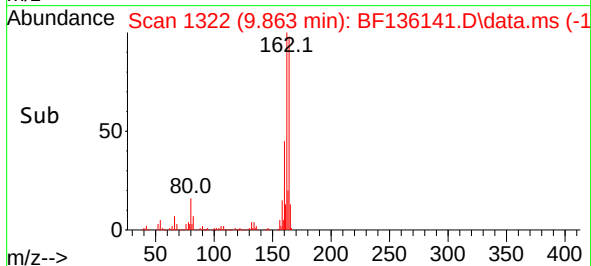


Tgt Ion:164 Resp: 221528
Ion Ratio Lower Upper
164 100
162 102.0 80.1 120.1
160 45.5 34.8 52.2

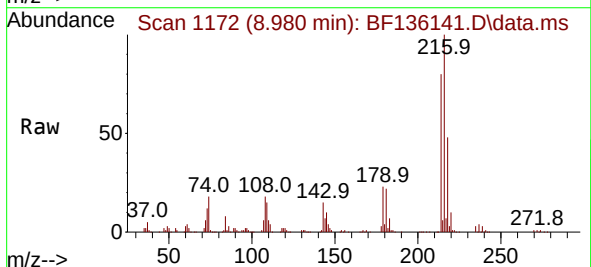
Manual Integrations

APPROVED

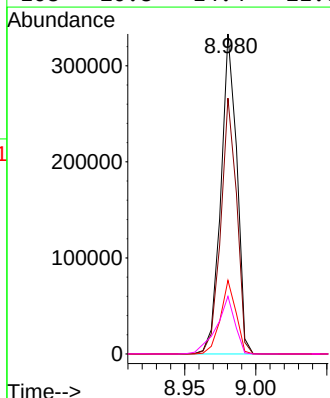
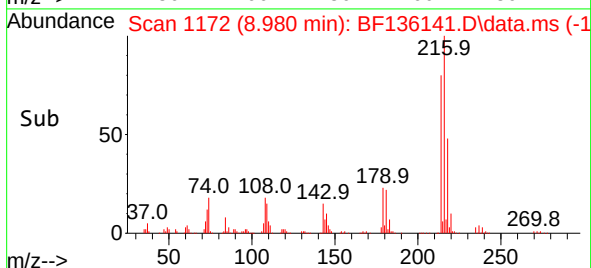
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

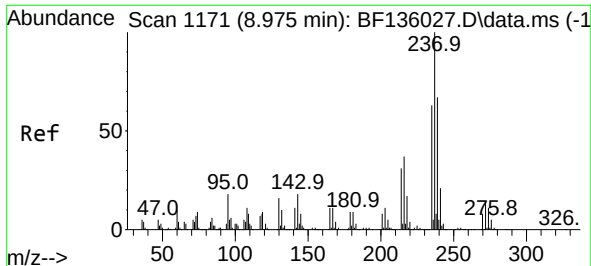


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.024 ng
RT: 8.980 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33



Tgt Ion:216 Resp: 259183
Ion Ratio Lower Upper
216 100
214 79.4 63.8 95.6
179 22.4 17.5 26.3
108 20.8 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 85.172 ng
RT: 8.969 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

Instrument :

BNA_F

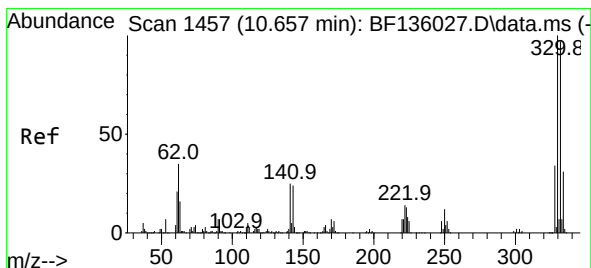
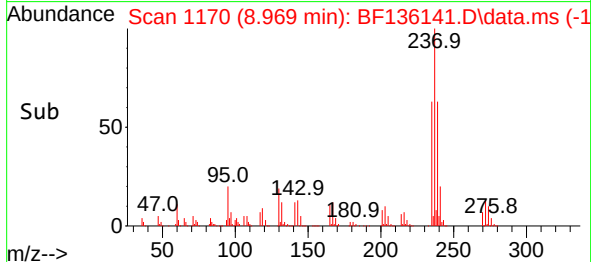
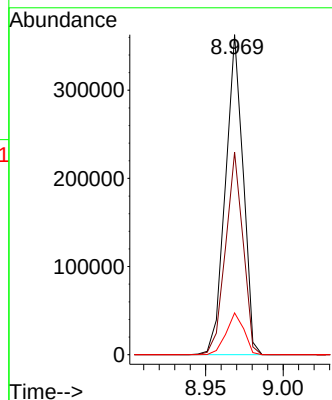
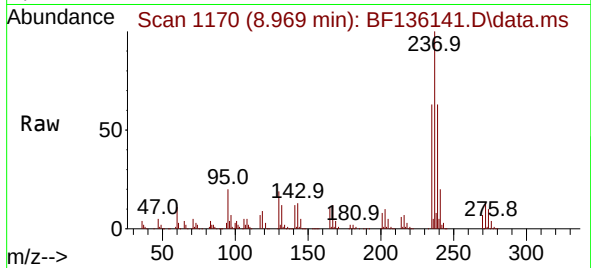
ClientSampleId :

PB156895BS

Tgt Ion:237 Resp: 287478
Ion Ratio Lower Upper
237 100
235 63.3 43.3 83.3
272 13.1 0.0 34.2

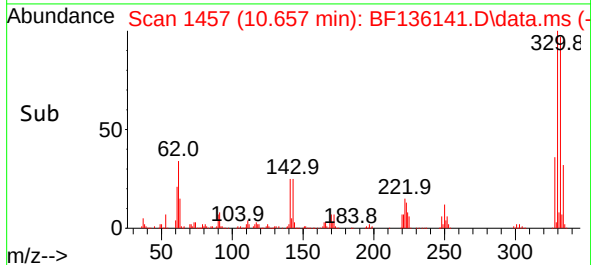
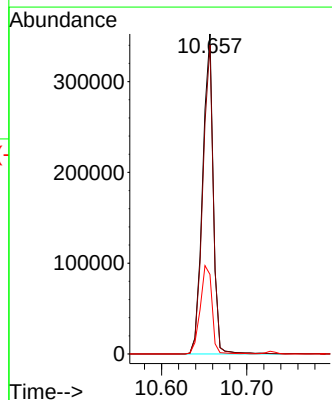
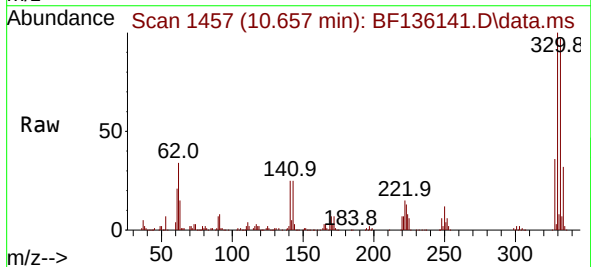
Manual Integrations
APPROVED

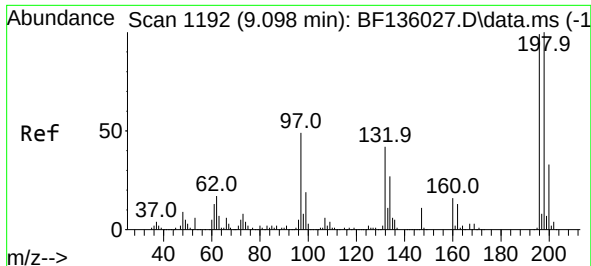
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#42
2,4,6-Tribromophenol
Concen: 128.381 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

Tgt Ion:330 Resp: 303562
Ion Ratio Lower Upper
330 100
332 96.0 76.9 115.3
141 30.6 23.2 34.8





#43

2,4,6-Trichlorophenol

Concen: 43.331 ng

RT: 9.092 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF136141.D

Acq: 04 Nov 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB156895BS

Tgt Ion:196 Resp: 178492

Ion Ratio Lower Upper

196 100

198 100.1 80.7 121.1

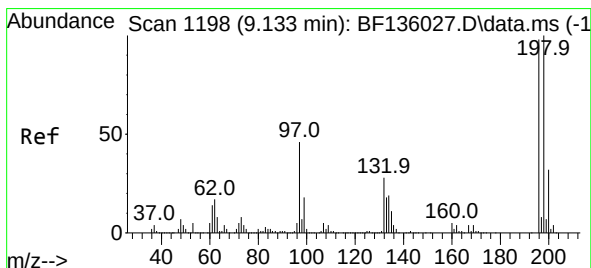
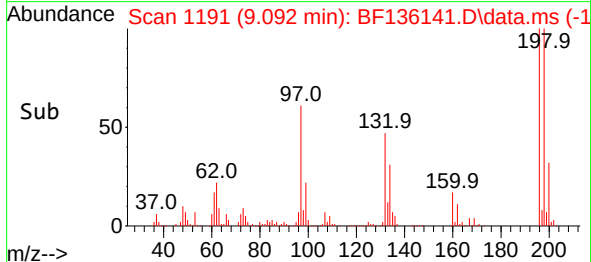
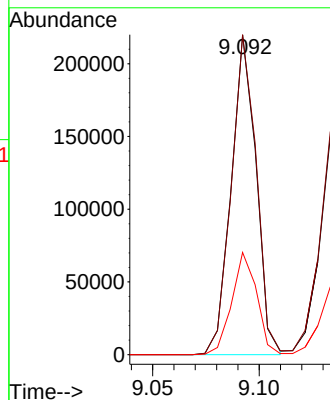
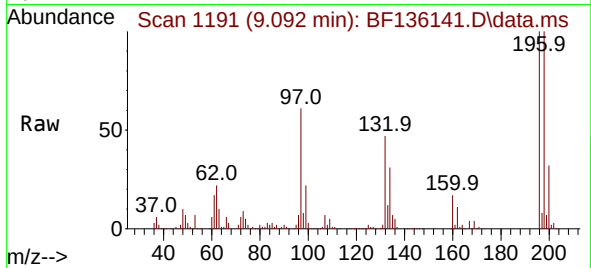
200 32.0 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2023

Supervised By :mohammad ahmed 11/07/2023



#44

2,4,5-Trichlorophenol

Concen: 40.743 ng

RT: 9.139 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF136141.D

Acq: 04 Nov 2023 11:33

Tgt Ion:196 Resp: 194413

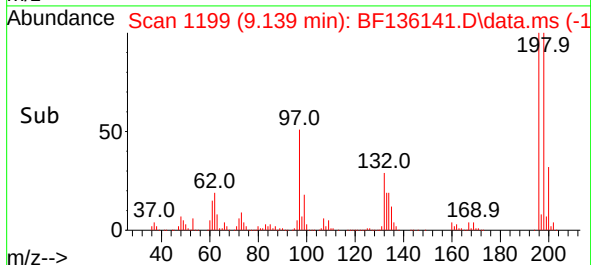
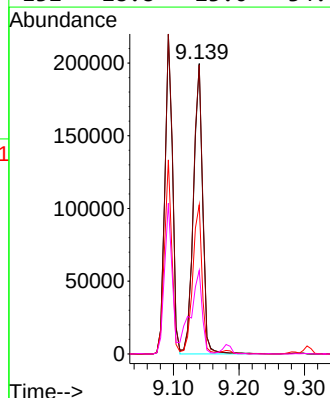
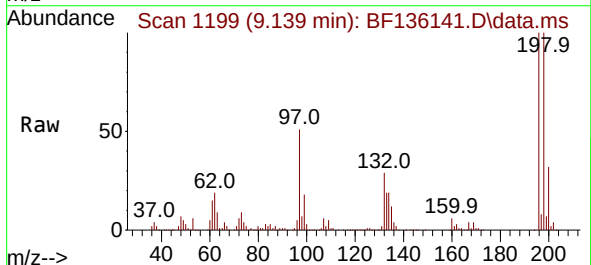
Ion Ratio Lower Upper

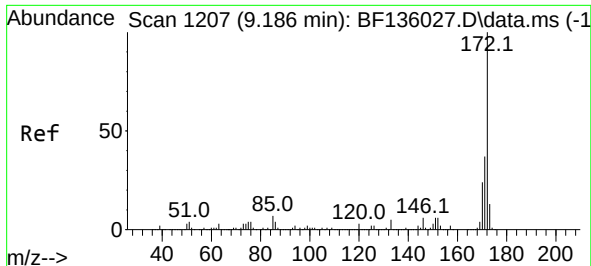
196 100

198 99.6 81.6 122.4

97 51.3 38.2 57.2

132 28.8 23.0 34.4





#45
2-Fluorobiphenyl
Concen: 79.235 ng
RT: 9.180 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

Instrument :

BNA_F

ClientSampleId :

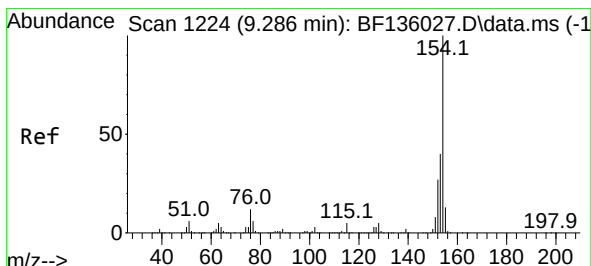
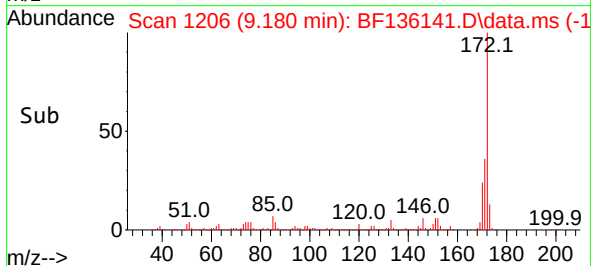
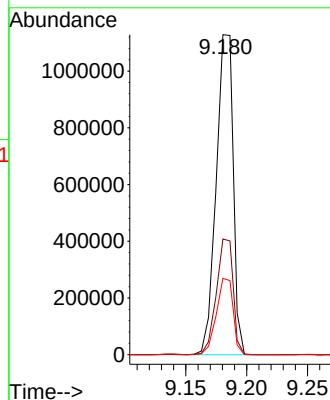
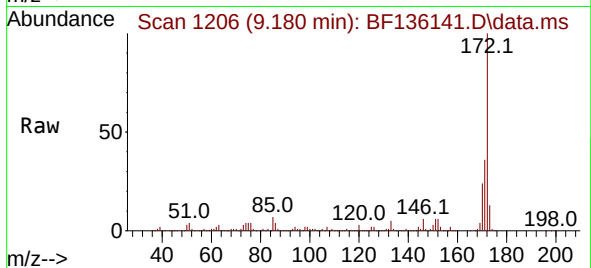
PB156895BS

Tgt Ion:172 Resp: 110110
Ion Ratio Lower Upper
172 100
171 36.2 29.4 44.0
170 23.8 19.3 28.9

Manual Integrations

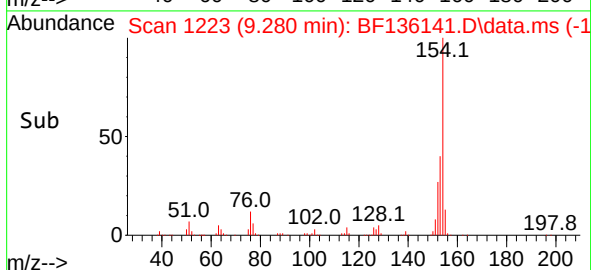
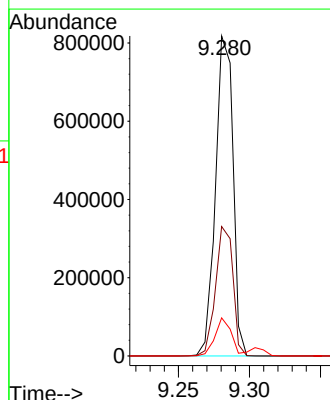
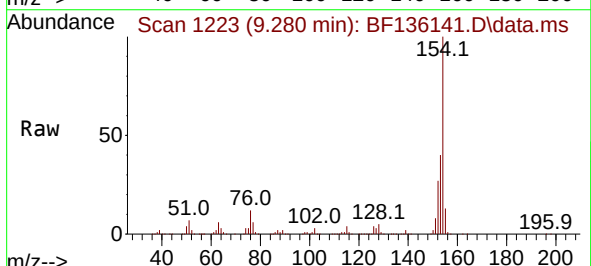
APPROVED

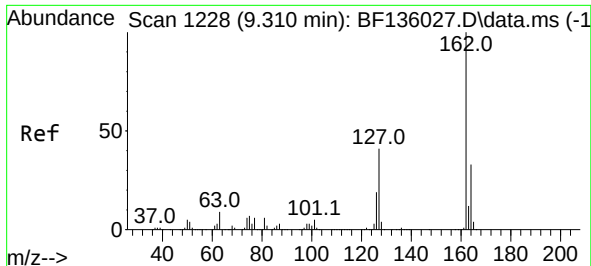
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#46
1,1'-Biphenyl
Concen: 41.290 ng
RT: 9.280 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

Tgt Ion:154 Resp: 697283
Ion Ratio Lower Upper
154 100
153 40.4 20.1 60.1
76 11.9 0.0 32.5





#47

2-Chloronaphthalene

Concen: 42.657 ng

RT: 9.304 min Scan# 1227

Delta R.T. 0.000 min

Lab File: BF136141.D

Acq: 04 Nov 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB156895BS

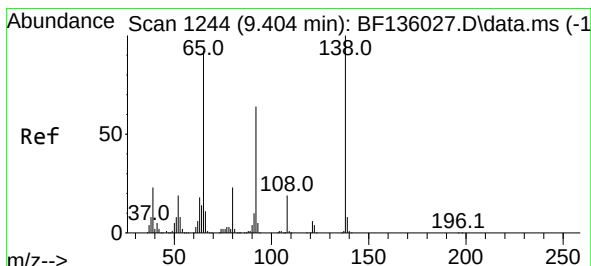
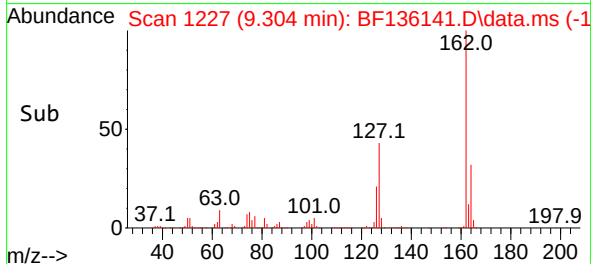
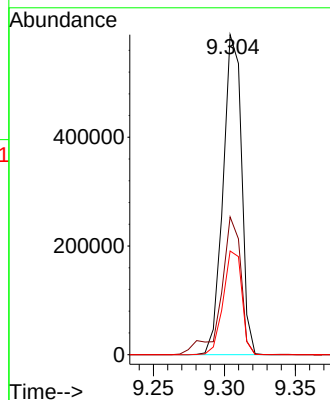
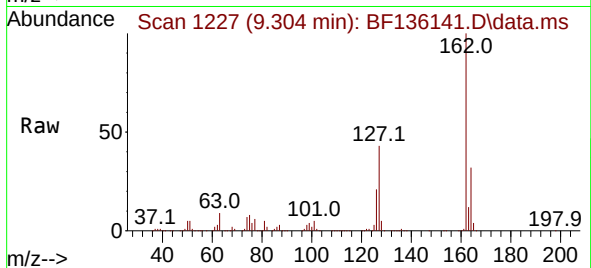
Tgt Ion:162 Resp: 531052
 Ion Ratio Lower Upper
 162 100
 127 43.1 32.4 48.6
 164 32.4 26.7 40.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2023

Supervised By :mohammad ahmed 11/07/2023



#48

2-Nitroaniline

Concen: 45.698 ng

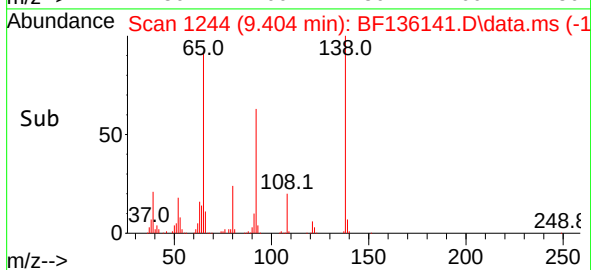
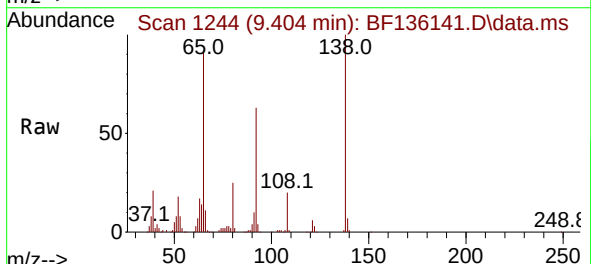
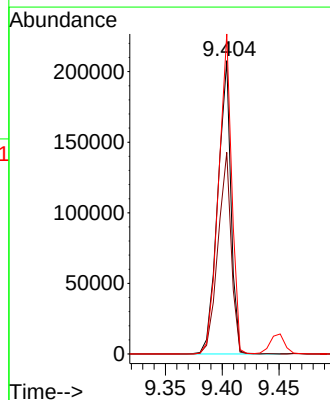
RT: 9.404 min Scan# 1244

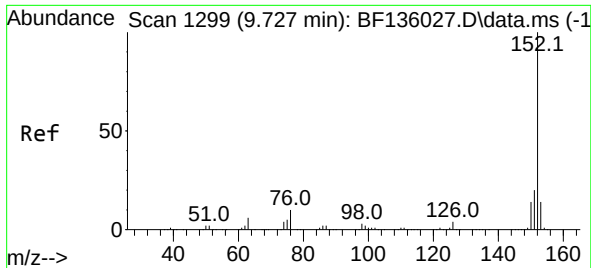
Delta R.T. 0.000 min

Lab File: BF136141.D

Acq: 04 Nov 2023 11:33

Tgt Ion: 65 Resp: 168367
 Ion Ratio Lower Upper
 65 100
 92 68.7 55.7 83.5
 138 109.1 86.8 130.2





#49
Acenaphthylene
Concen: 42.915 ng
RT: 9.722 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

Instrument :

BNA_F

ClientSampleId :

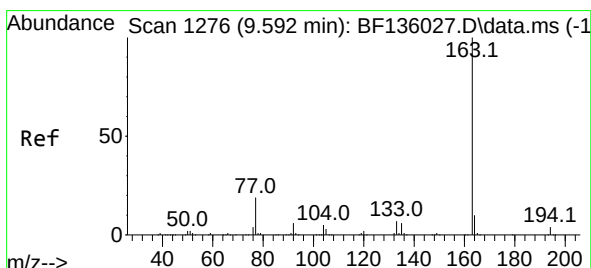
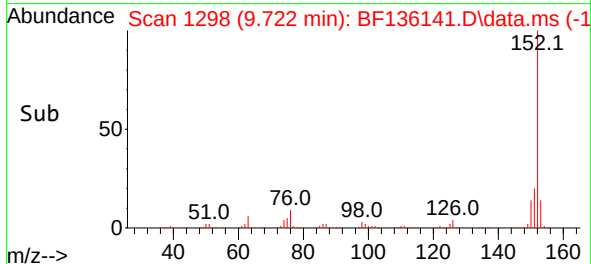
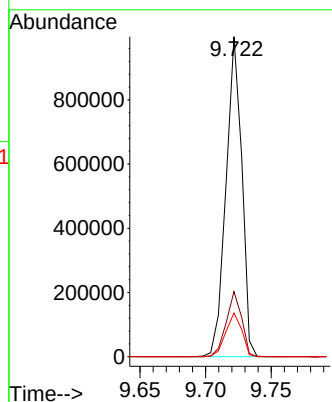
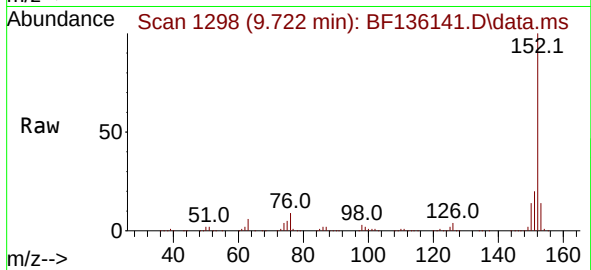
PB156895BS

Tgt Ion:152 Resp: 833461
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 13.7 11.4 17.2

Manual Integrations

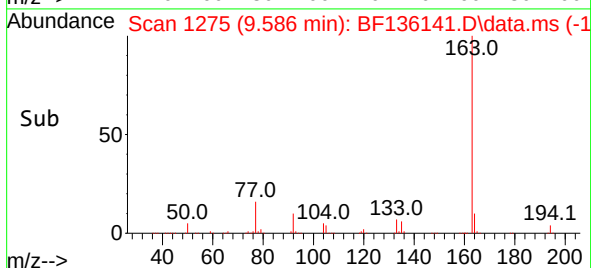
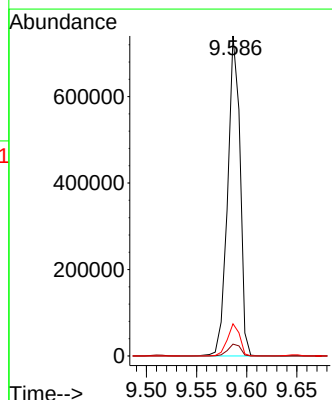
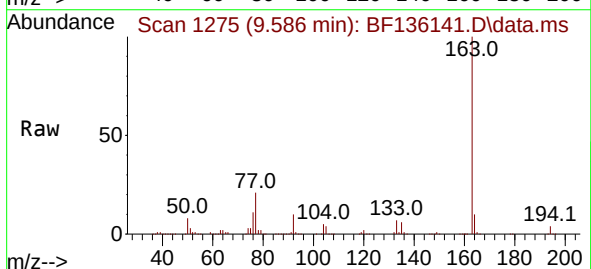
APPROVED

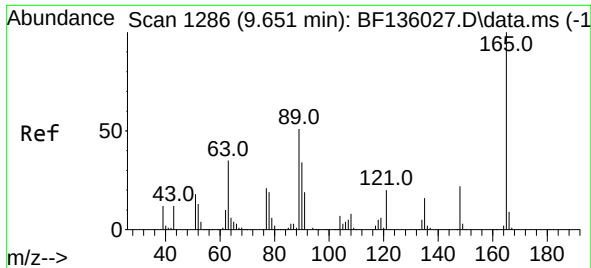
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#50
Dimethylphthalate
Concen: 43.425 ng
RT: 9.586 min Scan# 1275
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

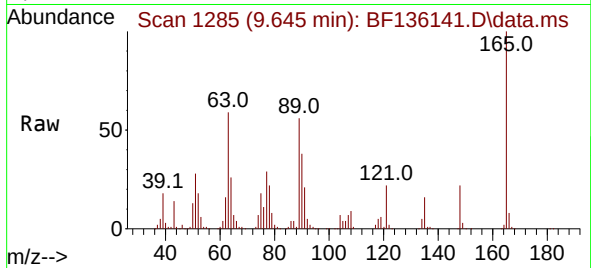
Tgt Ion:163 Resp: 634542
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.0 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 46.914 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

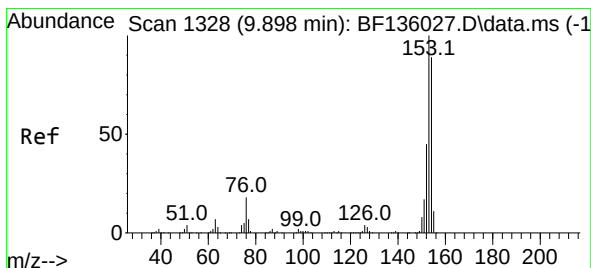
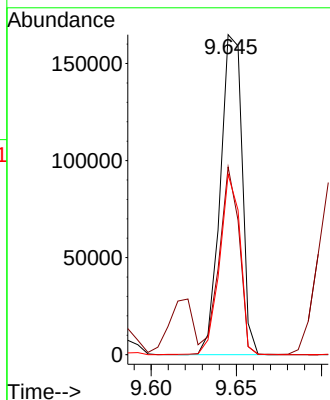
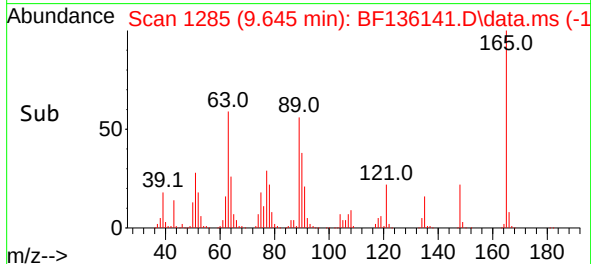
Instrument :
BNA_F
ClientSampleId :
PB156895BS



Tgt Ion:165 Resp: 146620
Ion Ratio Lower Upper
165 100
63 58.6 40.8 61.2
89 56.3 41.1 61.7

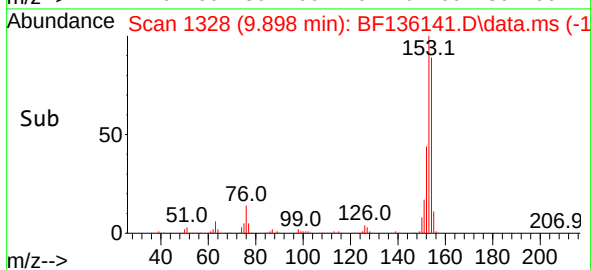
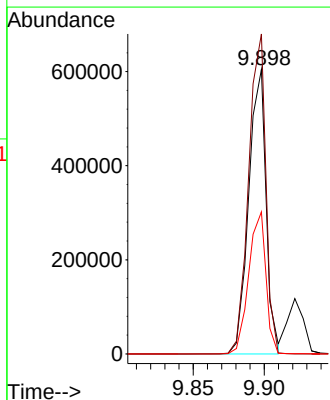
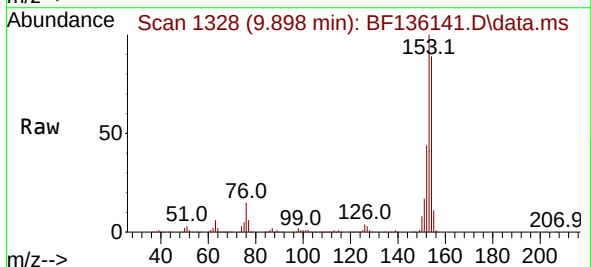
Manual Integrations
APPROVED

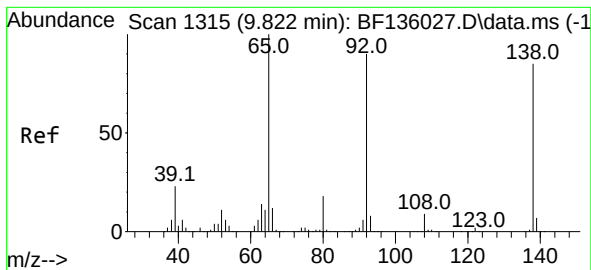
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#52
Acenaphthene
Concen: 41.653 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

Tgt Ion:154 Resp: 514266
Ion Ratio Lower Upper
154 100
153 112.5 89.9 134.9
152 49.9 40.2 60.2





#53
3-Nitroaniline
Concen: 33.407 ng
RT: 9.816 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

Instrument :

BNA_F

ClientSampleId :

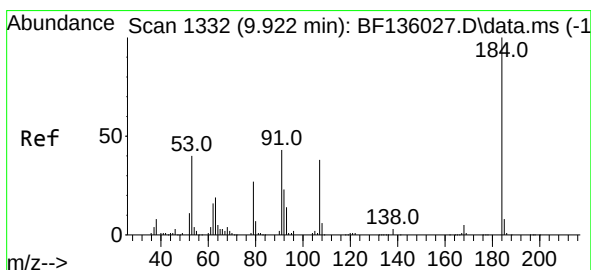
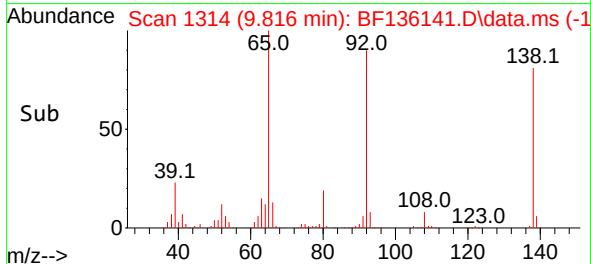
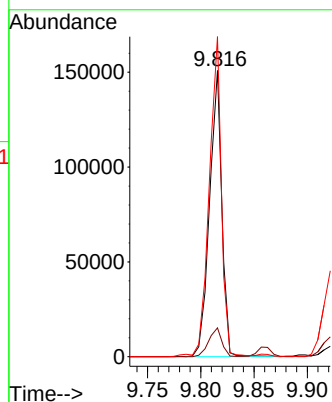
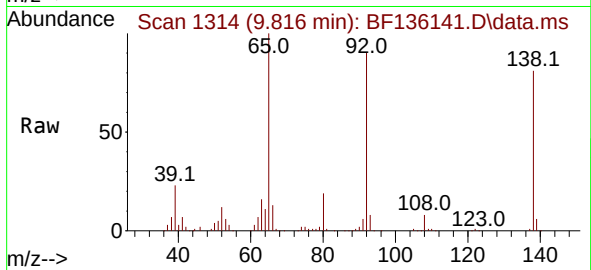
PB156895BS

Tgt Ion:138 Resp: 121824
Ion Ratio Lower Upper
138 100
108 10.1 8.8 13.2
92 111.8 84.6 126.8

Manual Integrations

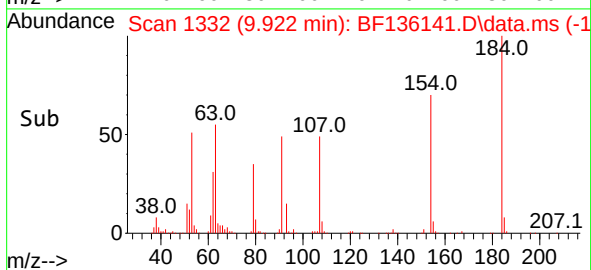
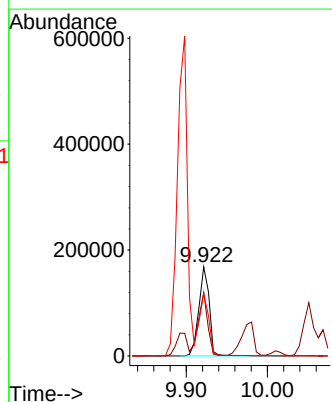
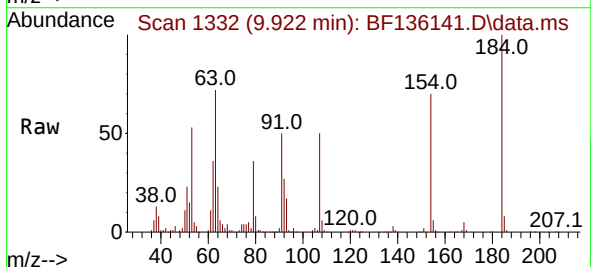
APPROVED

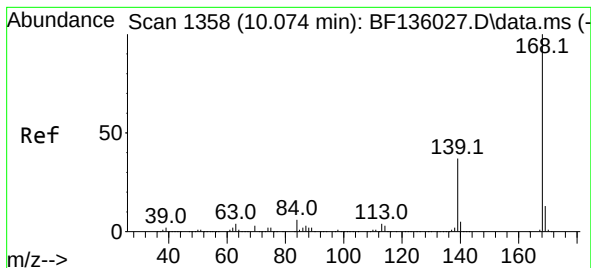
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#54
2,4-Dinitrophenol
Concen: 88.105 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

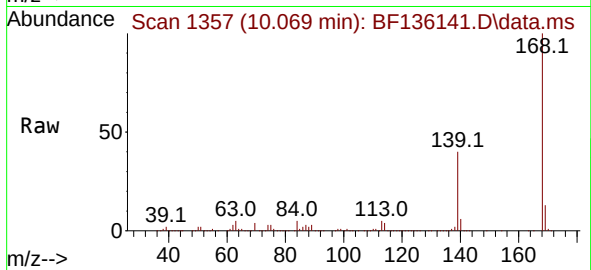
Tgt Ion:184 Resp: 150755
Ion Ratio Lower Upper
184 100
63 71.6 43.7 65.5#
154 69.9 51.2 76.8





#55
Dibenzenofuran
Concen: 41.639 ng
RT: 10.069 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

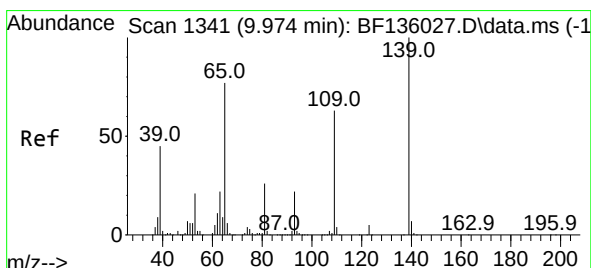
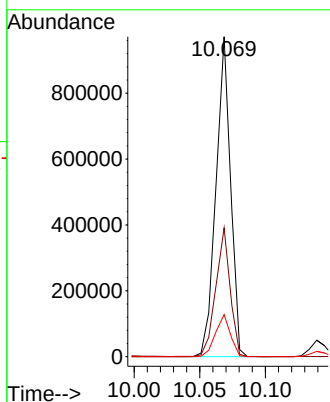
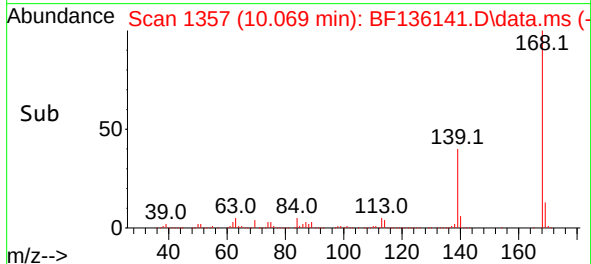
Instrument :
BNA_F
ClientSampleId :
PB156895BS



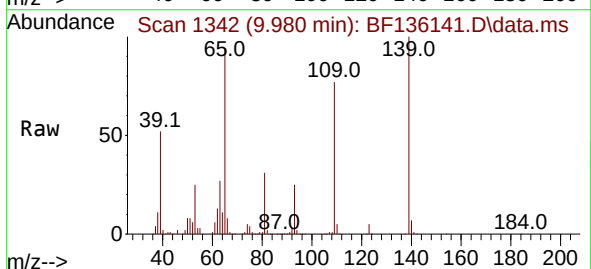
Tgt Ion:168 Resp: 749623
Ion Ratio Lower Upper
168 100
139 40.3 29.4 44.0
169 13.1 10.5 15.7

Manual Integrations
APPROVED

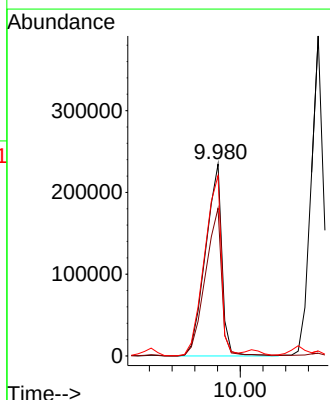
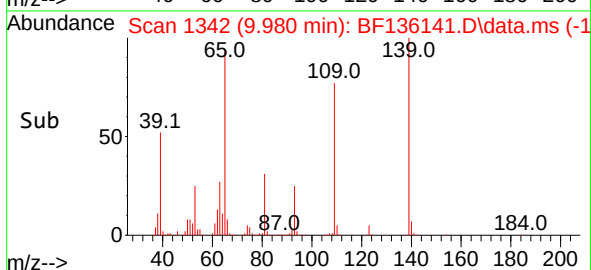
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

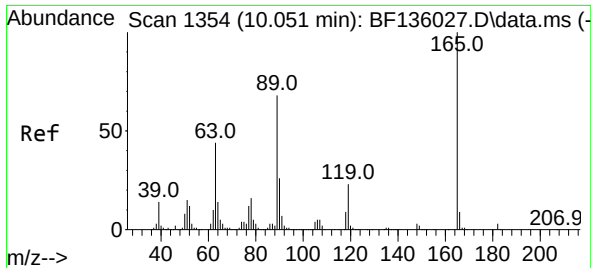


#56
4-Nitrophenol
Concen: 86.445 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33



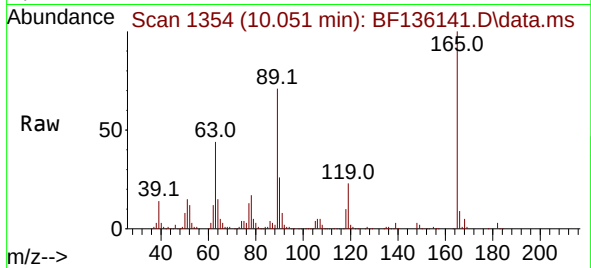
Tgt Ion:139 Resp: 235799
Ion Ratio Lower Upper
139 100
109 77.0 43.2 83.2
65 94.0 57.6 97.6





#57
2,4-Dinitrotoluene
Concen: 48.197 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

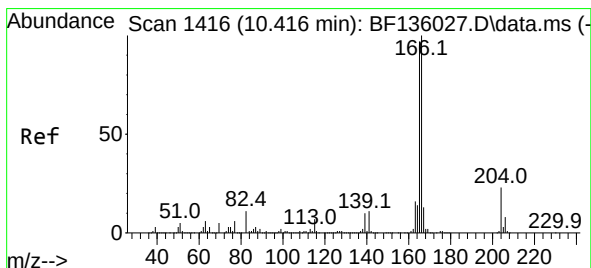
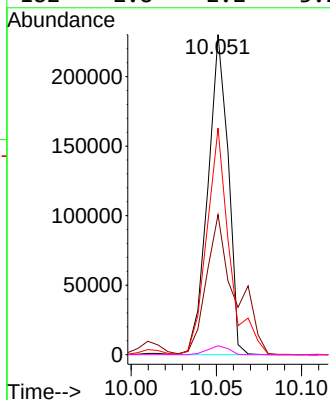
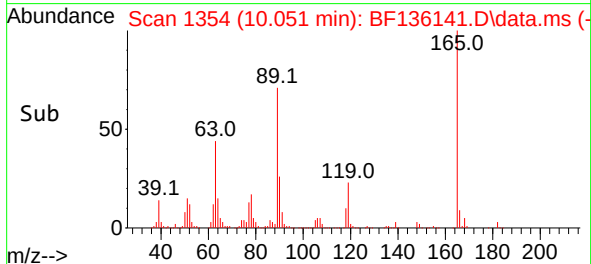
Instrument :
BNA_F
ClientSampleId :
PB156895BS



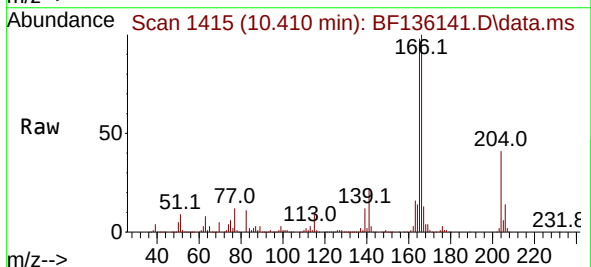
Tgt Ion:165 Resp: 19058
Ion Ratio Lower Upper
165 100
63 43.8 35.2 52.8
89 70.8 54.8 82.2
182 2.8 2.2 3.2

Manual Integrations
APPROVED

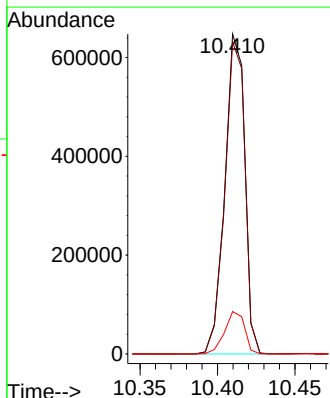
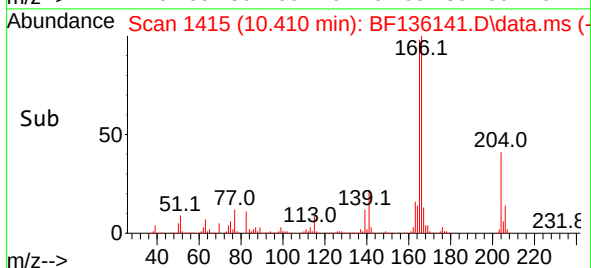
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

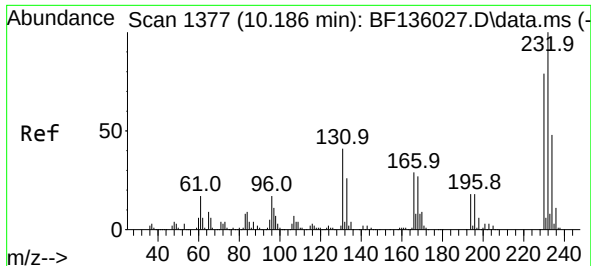


#58
Fluorene
Concen: 43.035 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33



Tgt Ion:166 Resp: 580072
Ion Ratio Lower Upper
166 100
165 97.6 77.7 116.5
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.220 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.006 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

Instrument :

BNA_F

ClientSampleId :

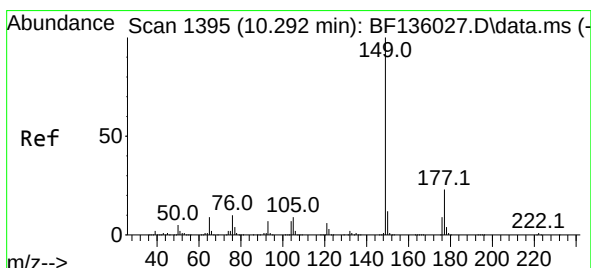
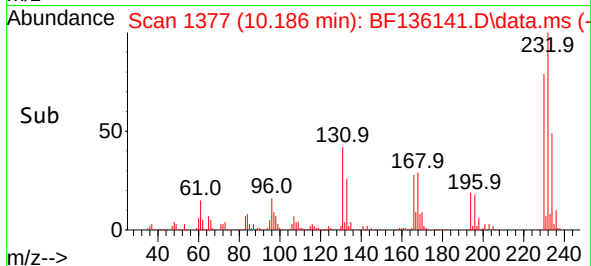
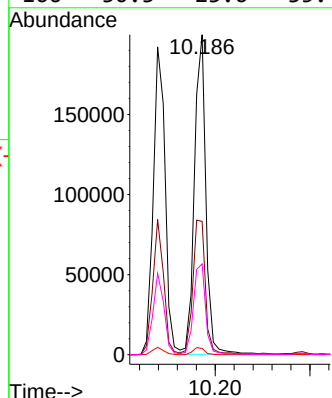
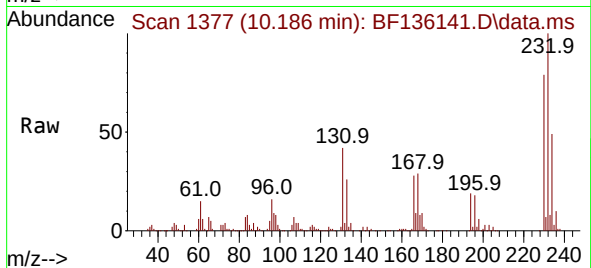
PB156895BS

Tgt Ion:232 Resp: 167750
Ion Ratio Lower Upper
232 100
131 45.9 34.6 52.0
130 2.3 1.6 2.4
166 30.3 23.6 35.4

Manual Integrations

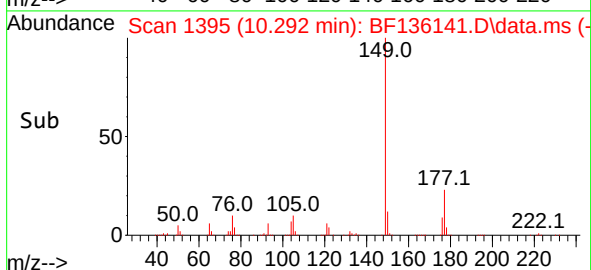
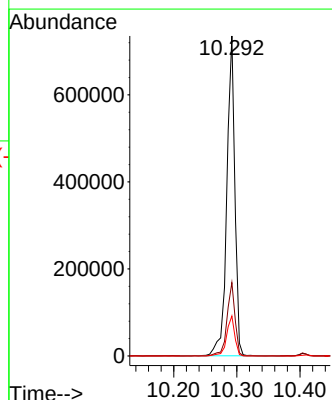
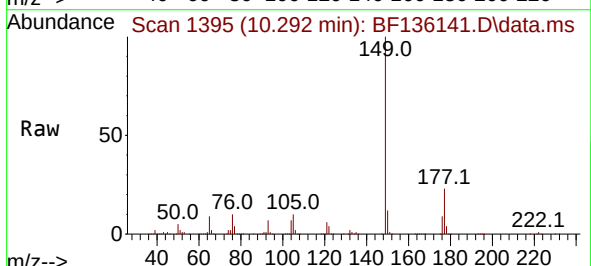
APPROVED

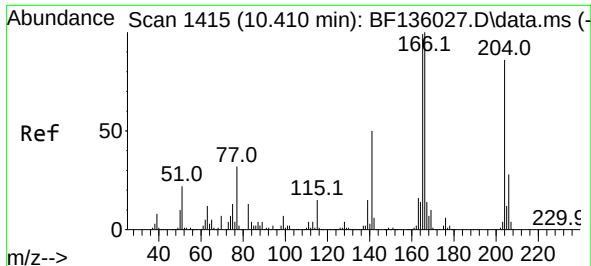
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#60
Diethylphthalate
Concen: 46.881 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.006 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

Tgt Ion:149 Resp: 654543
Ion Ratio Lower Upper
149 100
177 23.0 18.2 27.4
150 12.5 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 42.202 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

Instrument :

BNA_F

ClientSampleId :

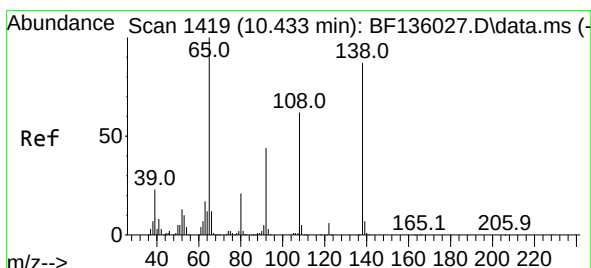
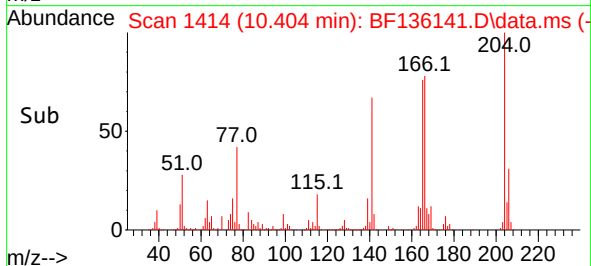
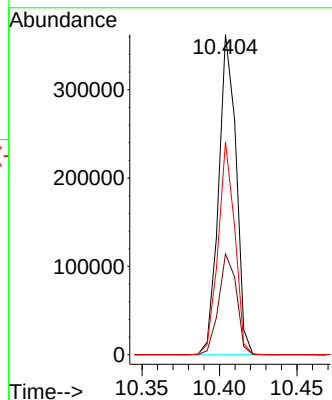
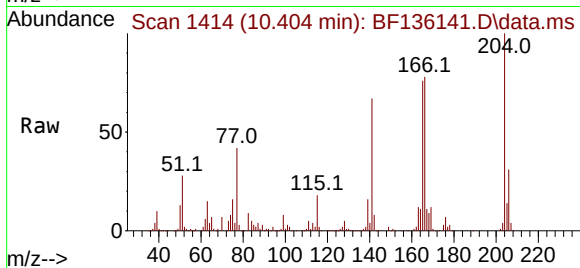
PB156895BS

Tgt Ion:204 Resp: 283958
Ion Ratio Lower Upper
204 100
206 31.4 26.6 39.8
141 66.5 46.8 70.2

Manual Integrations

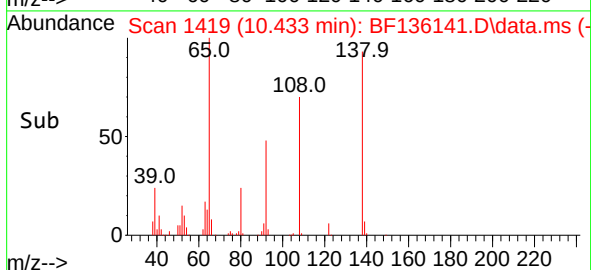
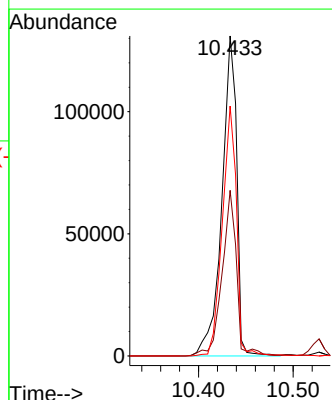
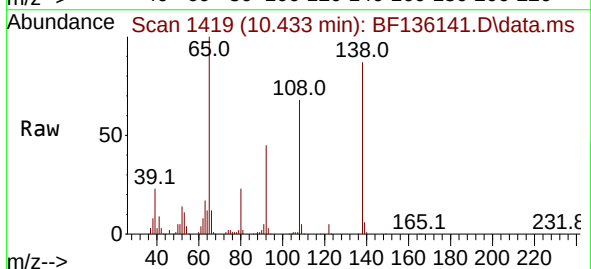
APPROVED

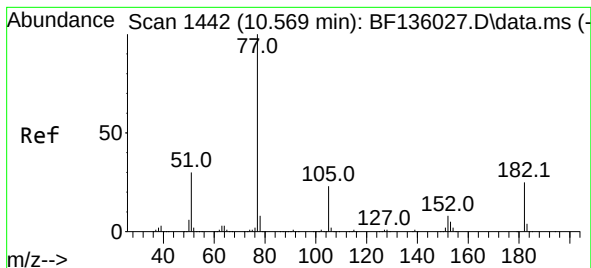
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#62
4-Nitroaniline
Concen: 40.663 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

Tgt Ion:138 Resp: 142784
Ion Ratio Lower Upper
138 100
92 51.7 30.6 70.6
108 78.1 51.5 91.5





#63

Azobenzene

Concen: 42.031 ng

RT: 10.569 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF136141.D

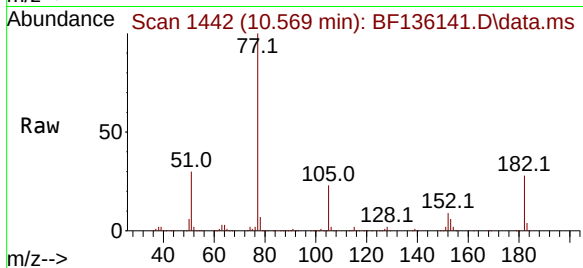
Acq: 04 Nov 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB156895BS



Tgt Ion: 77 Resp: 56515

Ion Ratio Lower Upper

77 100

182 28.4 5.0 45.0

105 22.7 2.6 42.6

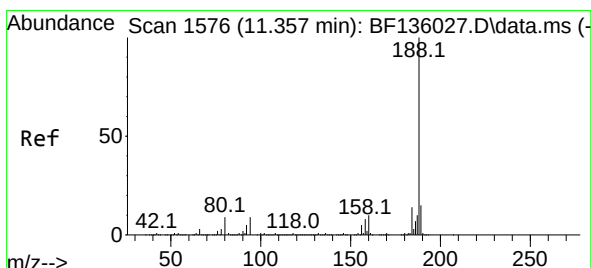
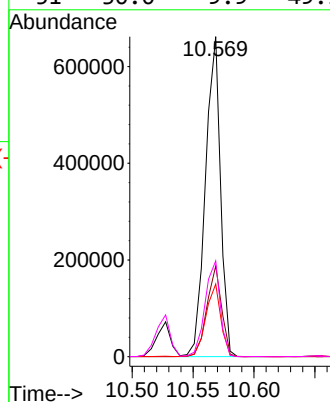
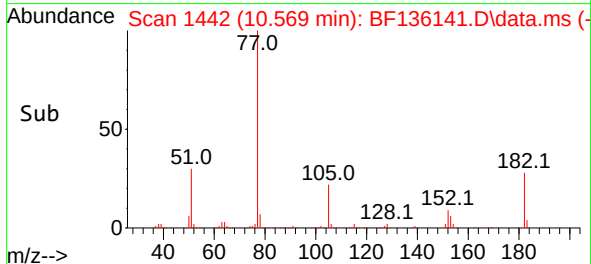
51 30.0 9.9 49.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2023

Supervised By :mohammad ahmed 11/07/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1575

Delta R.T. 0.000 min

Lab File: BF136141.D

Acq: 04 Nov 2023 11:33

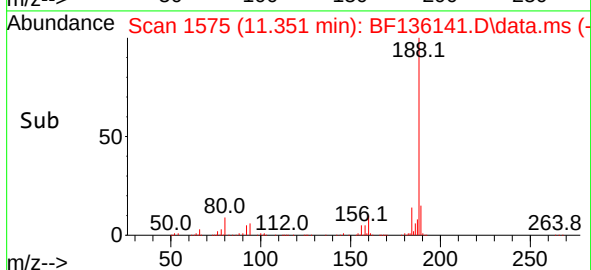
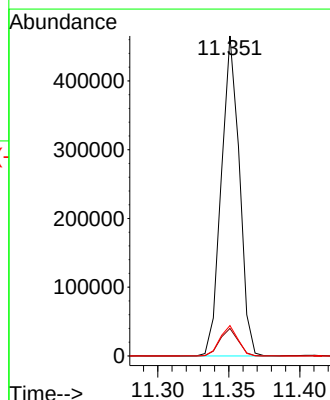
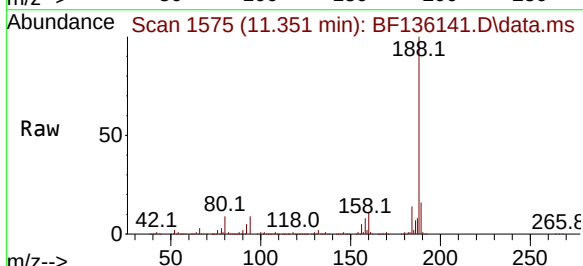
Tgt Ion:188 Resp: 410883

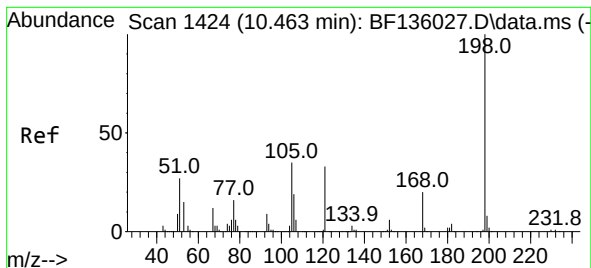
Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

80 9.5 7.4 11.0





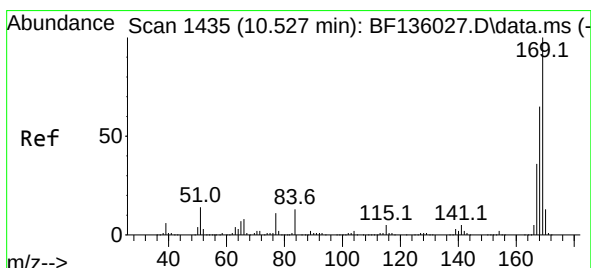
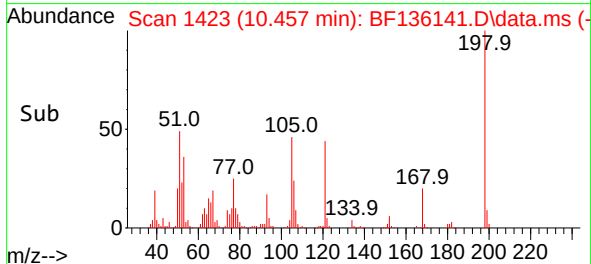
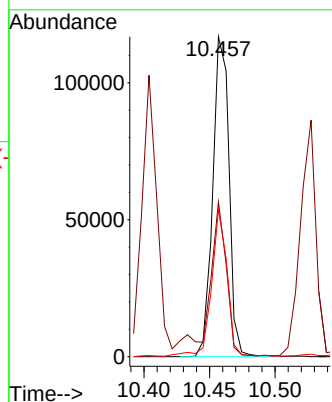
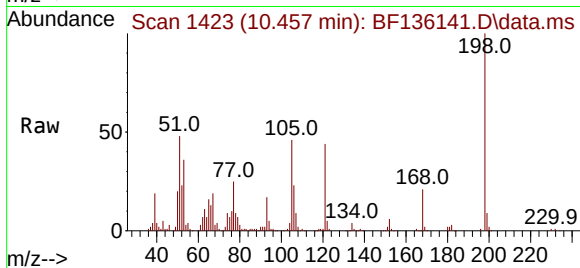
#65
4,6-Dinitro-2-methylphenol
Concen: 45.118 ng
RT: 10.457 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

Instrument :
BNA_F
ClientSampleId :
PB156895BS

Tgt Ion:198 Resp: 100961
Ion Ratio Lower Upper
198 100
51 48.4 12.9 52.9
105 46.0 16.0 56.0

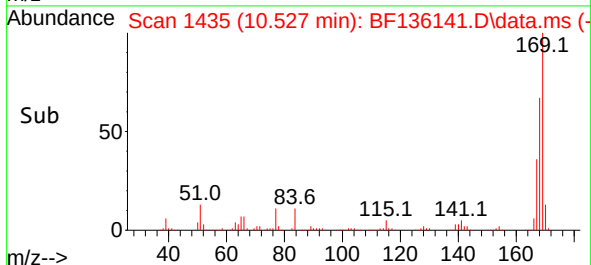
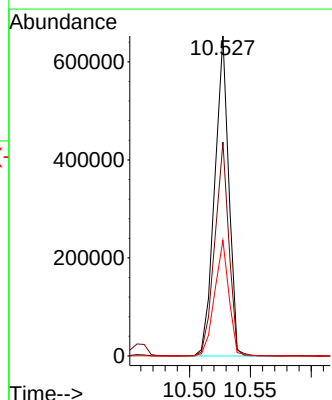
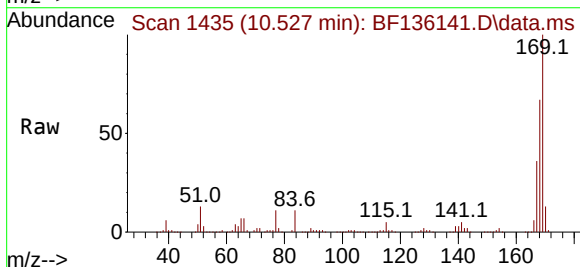
Manual Integrations
APPROVED

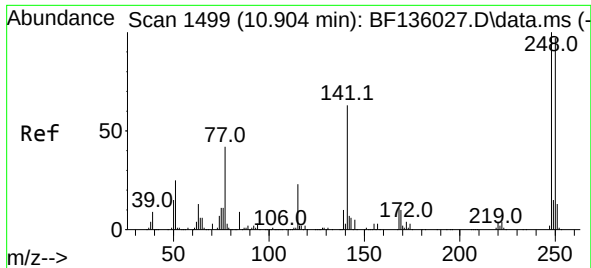
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#66
n-Nitrosodiphenylamine
Concen: 42.236 ng
RT: 10.527 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

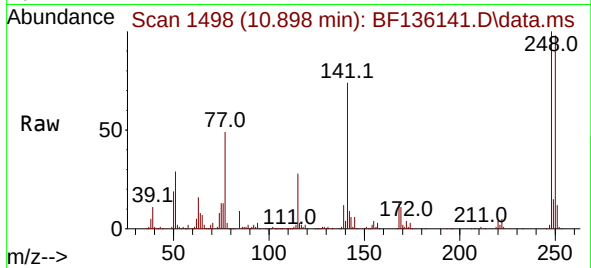
Tgt Ion:169 Resp: 523511
Ion Ratio Lower Upper
169 100
168 66.8 52.2 78.2
167 36.1 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 43.118 ng
RT: 10.898 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

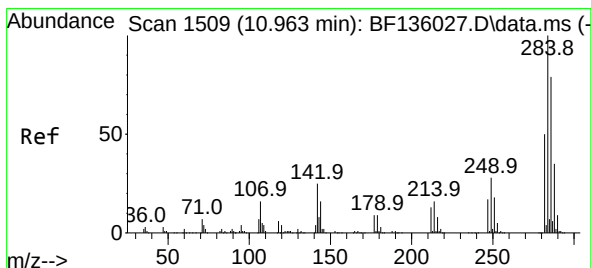
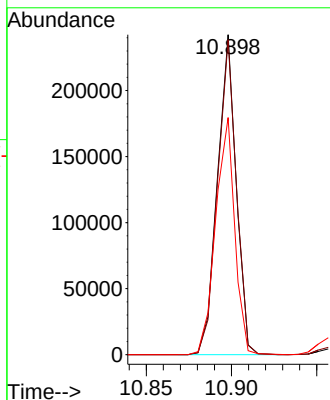
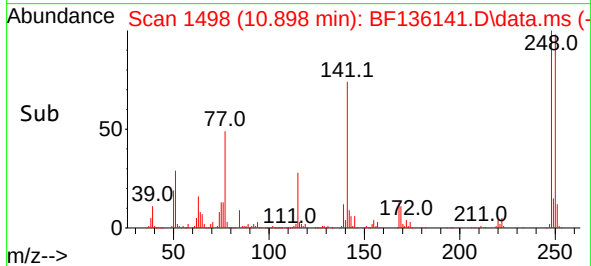
Instrument :
BNA_F
ClientSampleId :
PB156895BS



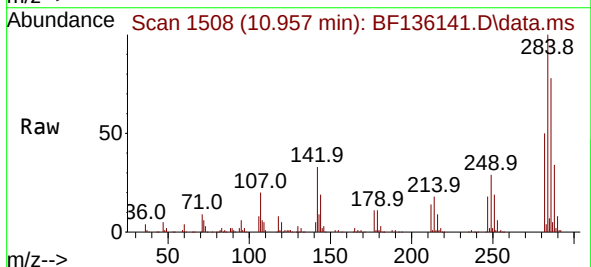
Tgt Ion:248 Resp: 185740
Ion Ratio Lower Upper
248 100
250 98.5 77.6 116.4
141 74.1 50.4 75.6

Manual Integrations
APPROVED

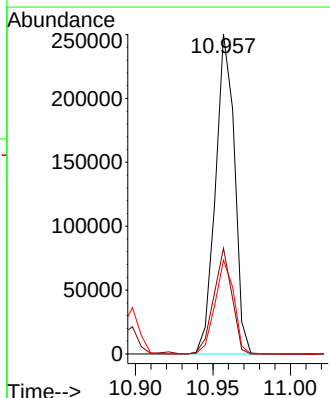
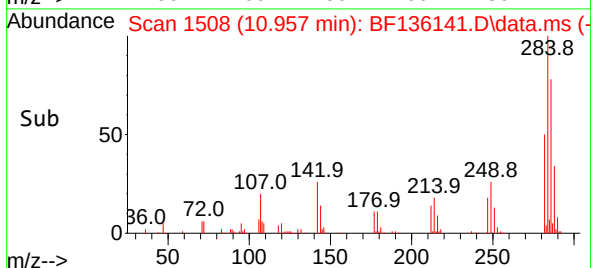
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

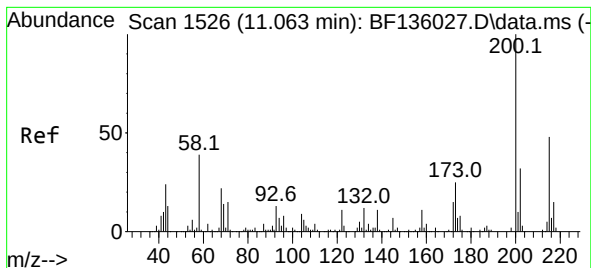


#68
Hexachlorobenzene
Concen: 46.435 ng
RT: 10.957 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33



Tgt Ion:284 Resp: 213638
Ion Ratio Lower Upper
284 100
142 33.0 20.2 30.4#
249 29.3 22.6 33.8





#69

Atrazine

Concen: 50.695 ng

RT: 11.057 min Scan# 11057

Delta R.T. 0.000 min

Lab File: BF136141.D

Acq: 04 Nov 2023 11:33

Instrument :

BNA_F

ClientSampleId :

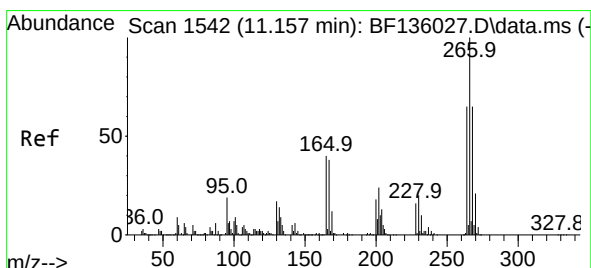
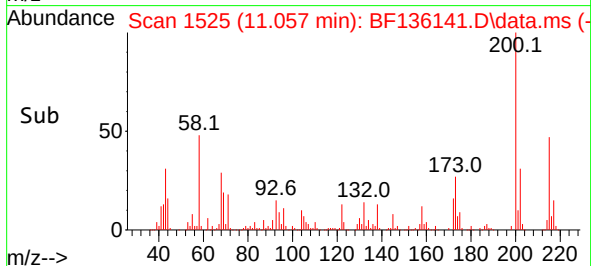
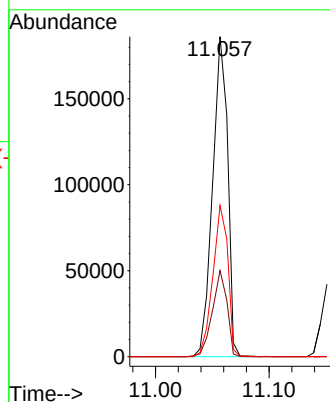
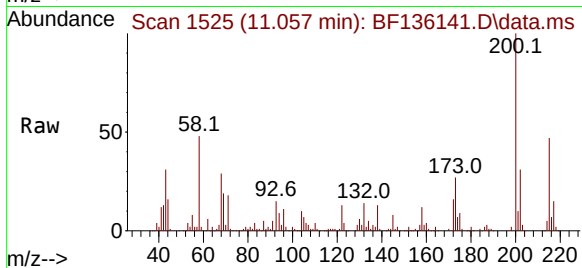
PB156895BS

Tgt Ion:200 Resp: 170962
 Ion Ratio Lower Upper
 200 100
 173 26.9 5.2 45.2
 215 47.2 28.4 68.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/07/2023



#70

Pentachlorophenol

Concen: 72.682 ng

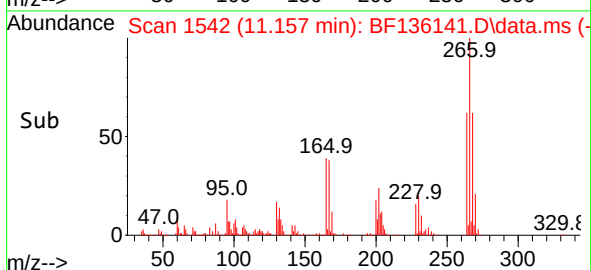
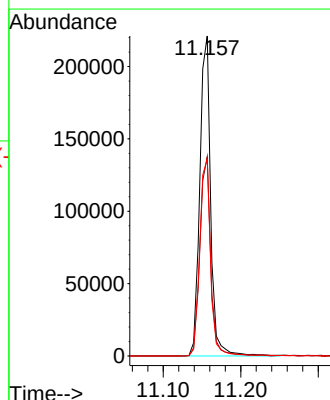
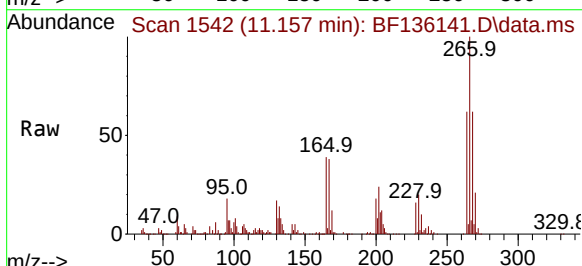
RT: 11.157 min Scan# 1542

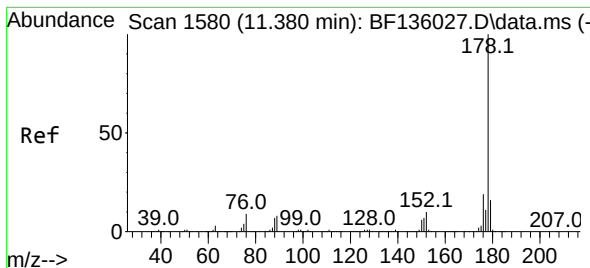
Delta R.T. 0.006 min

Lab File: BF136141.D

Acq: 04 Nov 2023 11:33

Tgt Ion:266 Resp: 214758
 Ion Ratio Lower Upper
 266 100
 268 62.3 52.2 78.4
 264 61.6 52.2 78.4





#71

Phenanthrene

Concen: 43.763 ng

RT: 11.380 min Scan# 1580

Delta R.T. 0.006 min

Lab File: BF136141.D

Acq: 04 Nov 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB156895BS

Tgt Ion:178 Resp: 90536

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

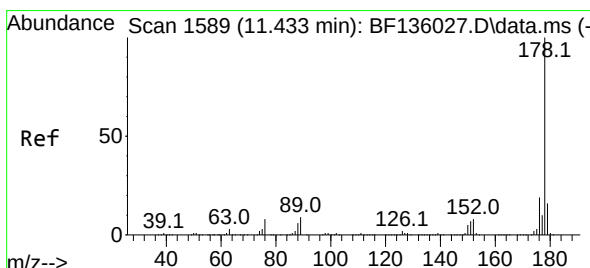
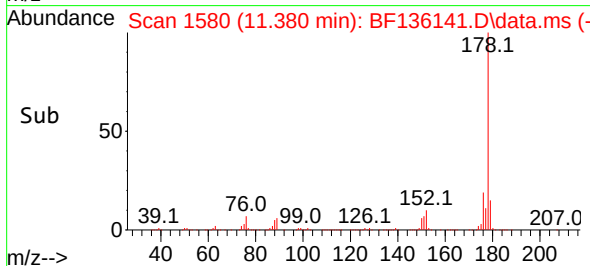
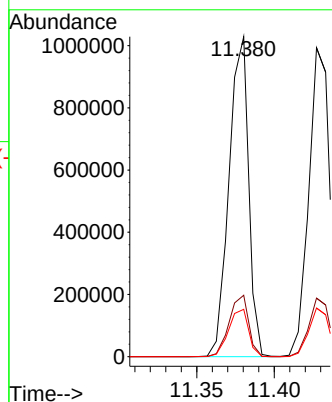
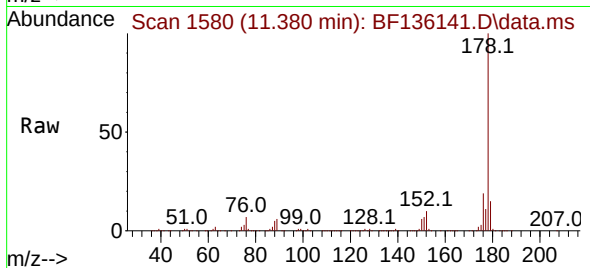
179 14.8 12.9 19.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2023

Supervised By :mohammad ahmed 11/07/2023



#72

Anthracene

Concen: 42.600 ng

RT: 11.427 min Scan# 1588

Delta R.T. 0.000 min

Lab File: BF136141.D

Acq: 04 Nov 2023 11:33

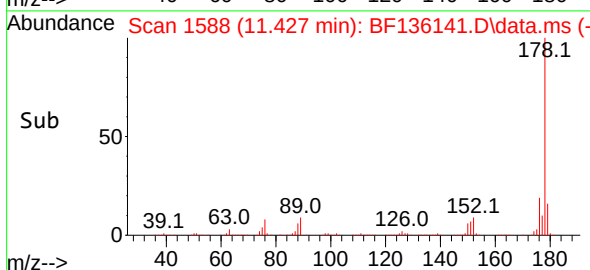
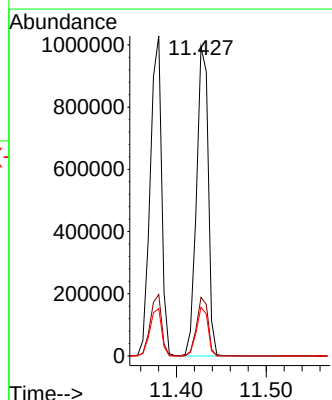
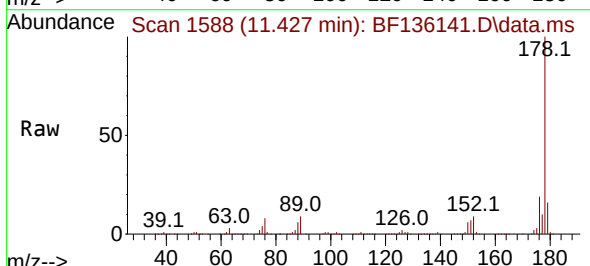
Tgt Ion:178 Resp: 903078

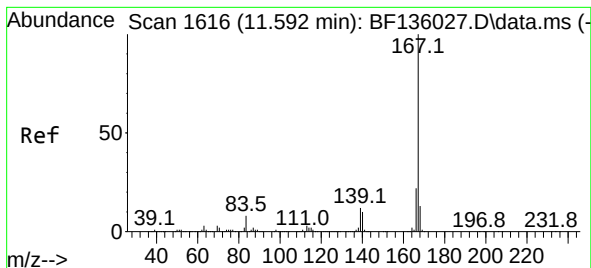
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

179 15.7 12.6 18.8





#73

Carbazole

Concen: 42.995 ng

RT: 11.586 min Scan# 1615

Delta R.T. 0.000 min

Lab File: BF136141.D

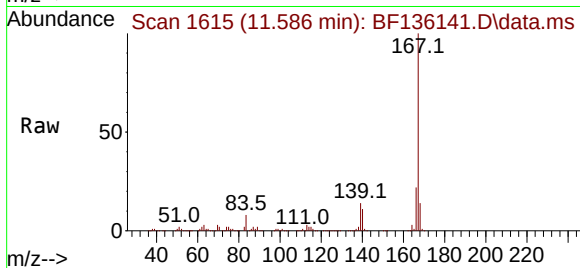
Acq: 04 Nov 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB156895BS



Tgt Ion:167 Resp: 792040

Ion Ratio Lower Upper

167 100

166 21.8 17.2 25.8

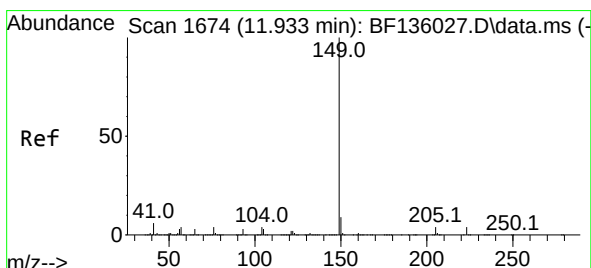
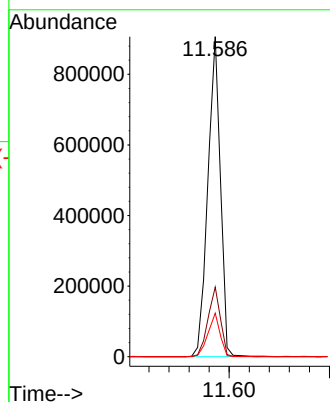
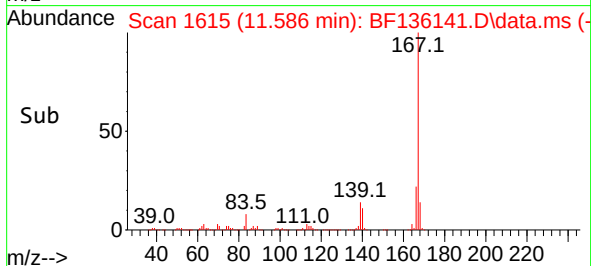
139 13.6 9.9 14.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2023

Supervised By :mohammad ahmed 11/07/2023



#74

Di-n-butylphthalate

Concen: 43.631 ng

RT: 11.927 min Scan# 1673

Delta R.T. 0.000 min

Lab File: BF136141.D

Acq: 04 Nov 2023 11:33

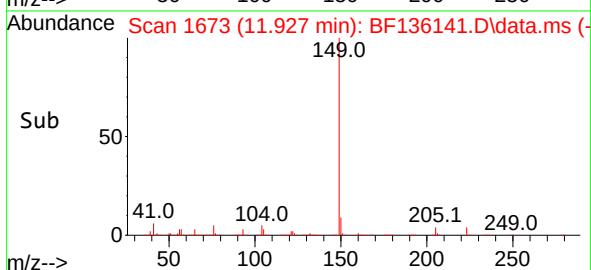
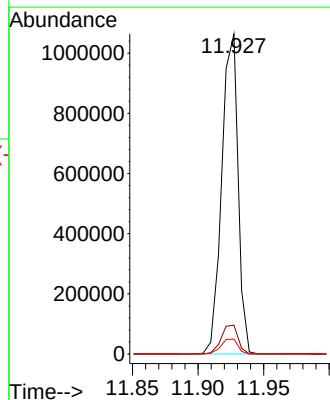
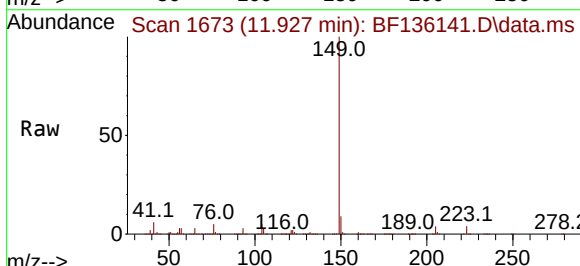
Tgt Ion:149 Resp: 918424

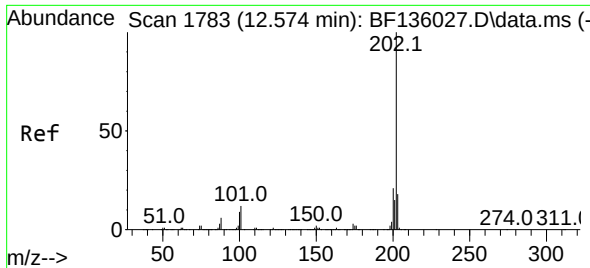
Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

104 4.7 3.6 5.4





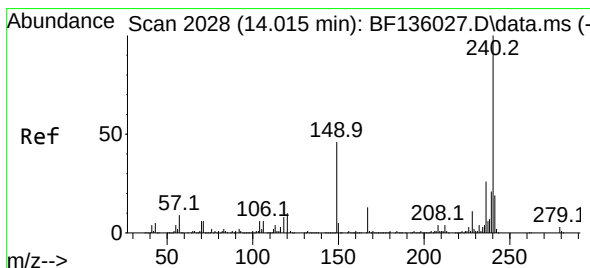
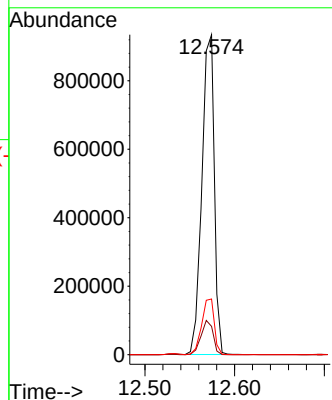
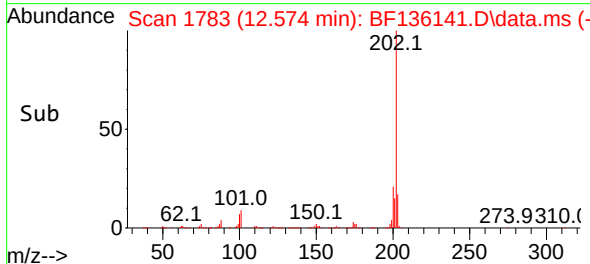
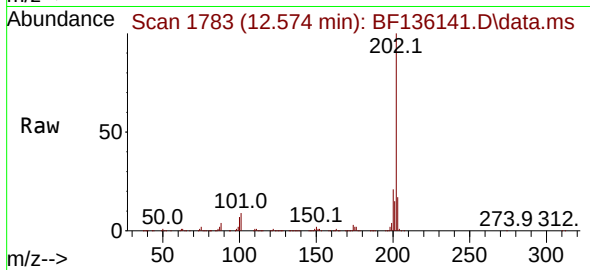
#75
Fluoranthene
Concen: 42.234 ng
RT: 12.574 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

Instrument :
BNA_F
ClientSampleId :
PB156895BS

Tgt Ion:202 Resp: 89759
Ion Ratio Lower Upper
202 100
101 8.8 0.0 31.8
203 17.4 0.0 37.9

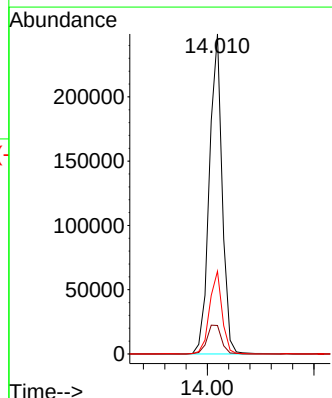
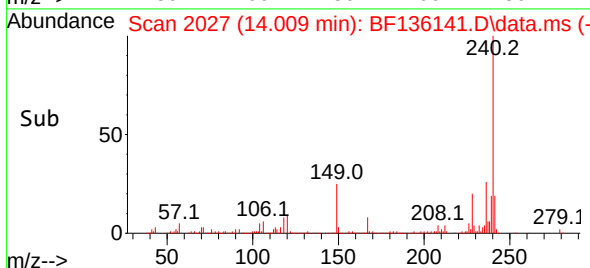
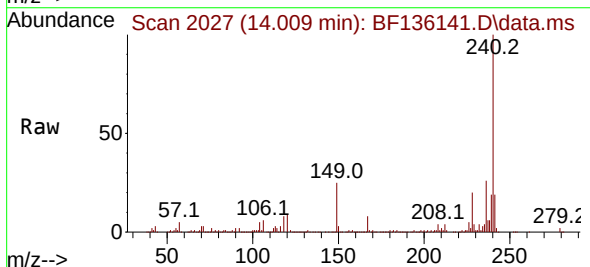
Manual Integrations
APPROVED

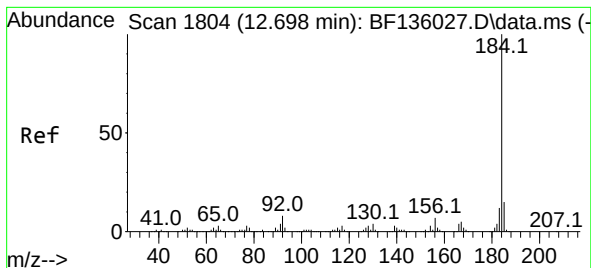
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.009 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

Tgt Ion:240 Resp: 207622
Ion Ratio Lower Upper
240 100
120 8.9 7.6 11.4
236 25.8 20.6 31.0





#77

Benzidine

Concen: 33.995 ng

RT: 12.698 min Scan# 1804

Delta R.T. 0.000 min

Lab File: BF136141.D

Acq: 04 Nov 2023 11:33

Instrument :

BNA_F

ClientSampleId :

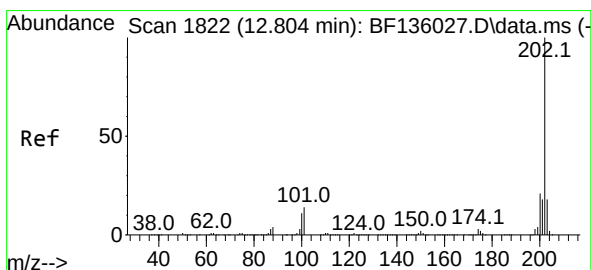
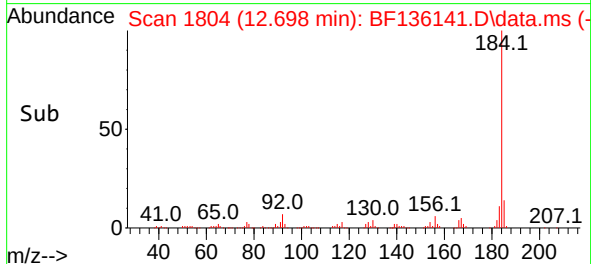
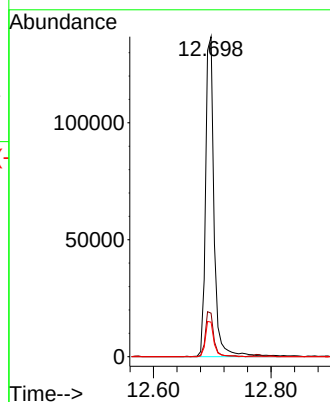
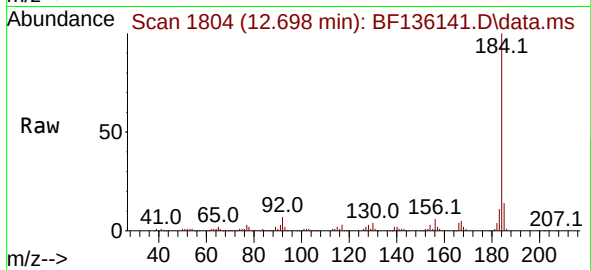
PB156895BS

Tgt Ion:184	Resp: 13756
Ion Ratio	Lower Upper
184	100
185	13.6 11.8 17.8
183	10.8 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#78

Pyrene

Concen: 48.299 ng

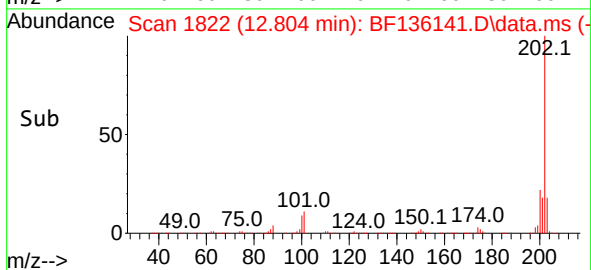
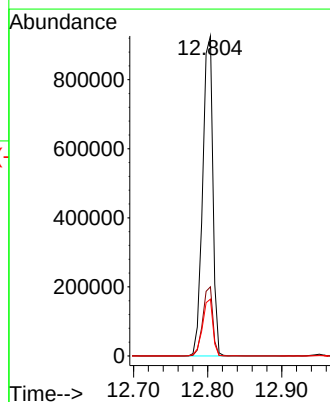
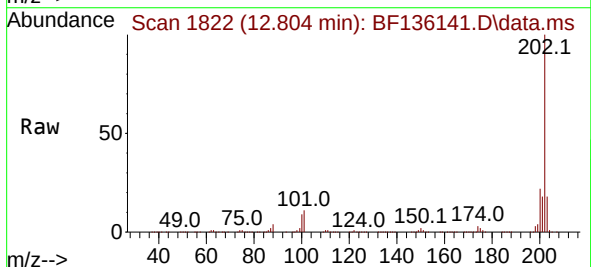
RT: 12.804 min Scan# 1822

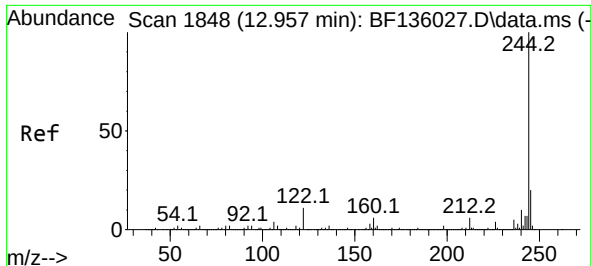
Delta R.T. 0.006 min

Lab File: BF136141.D

Acq: 04 Nov 2023 11:33

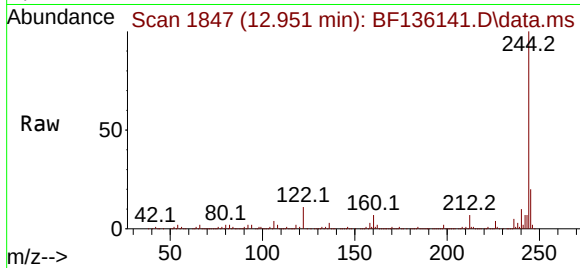
Tgt Ion:202	Resp: 884111
Ion Ratio	Lower Upper
202	100
200	21.6 17.0 25.4
203	17.7 14.4 21.6





#79
 Terphenyl-d14
 Concen: 93.900 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. 0.000 min
 Lab File: BF136141.D
 Acq: 04 Nov 2023 11:33

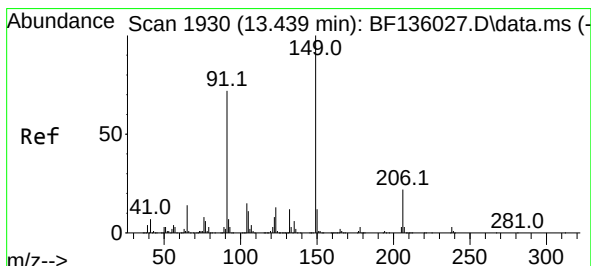
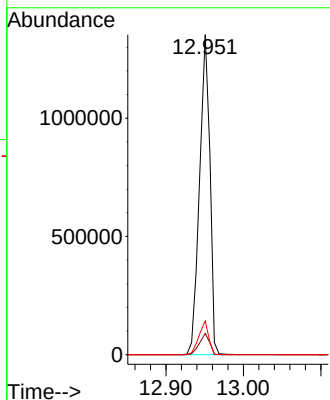
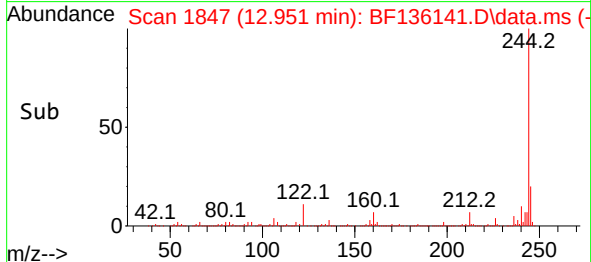
Instrument :
 BNA_F
 ClientSampleId :
 PB156895BS



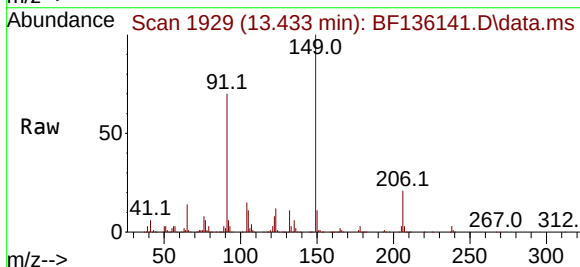
Tgt Ion:244 Resp: 1254520
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 10.6 8.6 12.8

Manual Integrations
 APPROVED

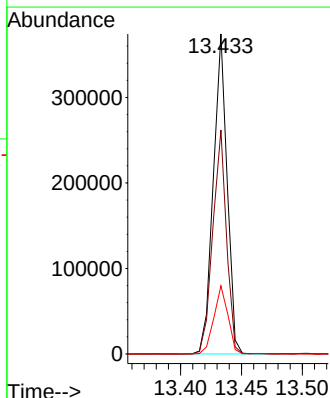
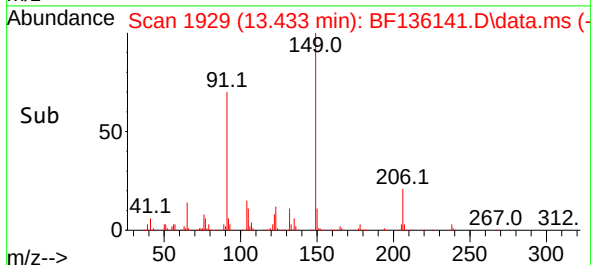
Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/07/2023

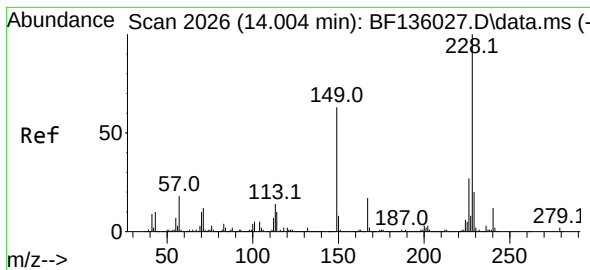


#80
 Butylbenzylphthalate
 Concen: 45.266 ng
 RT: 13.433 min Scan# 1929
 Delta R.T. 0.000 min
 Lab File: BF136141.D
 Acq: 04 Nov 2023 11:33



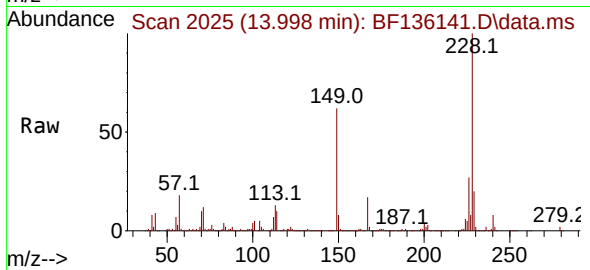
Tgt Ion:149 Resp: 296601
 Ion Ratio Lower Upper
 149 100
 91 69.9 57.6 86.4
 206 21.3 17.4 26.0





#81
Benzo(a)anthracene
Concen: 43.137 ng
RT: 13.998 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

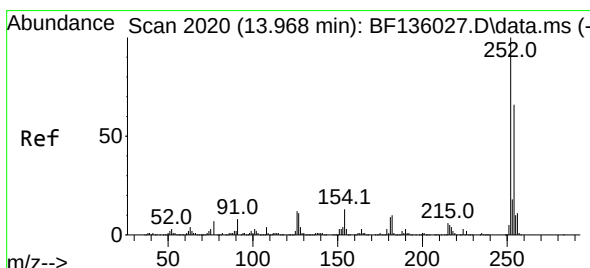
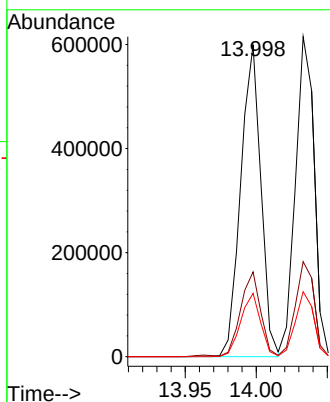
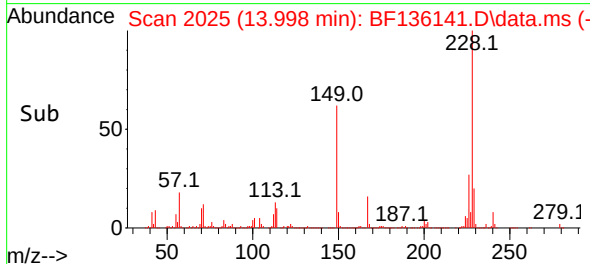
Instrument :
BNA_F
ClientSampleId :
PB156895BS



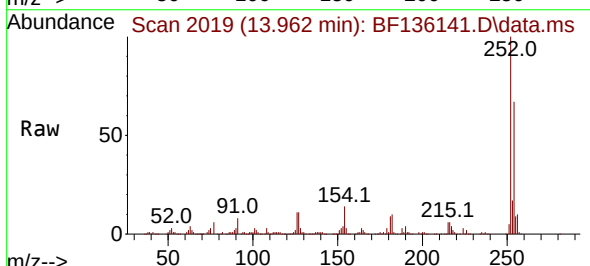
Tgt Ion:228 Resp: 592920
Ion Ratio Lower Upper
228 100
226 27.2 21.5 32.3
229 20.3 15.8 23.6

Manual Integrations
APPROVED

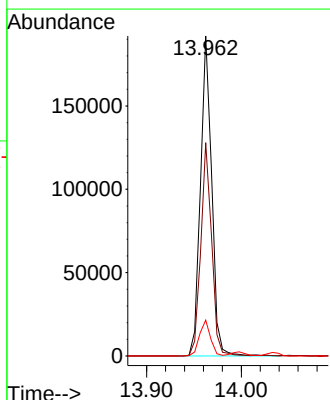
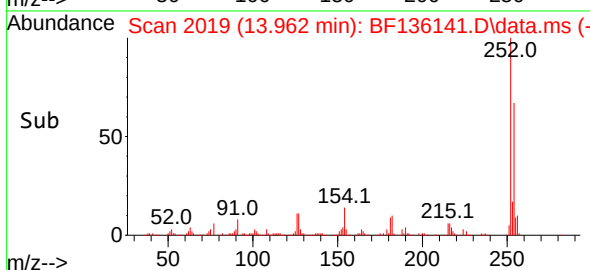
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

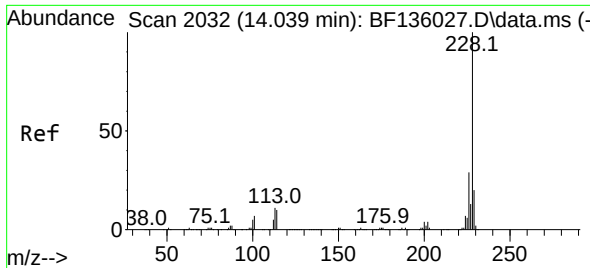


#82
3,3'-Dichlorobenzidine
Concen: 36.255 ng
RT: 13.962 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33



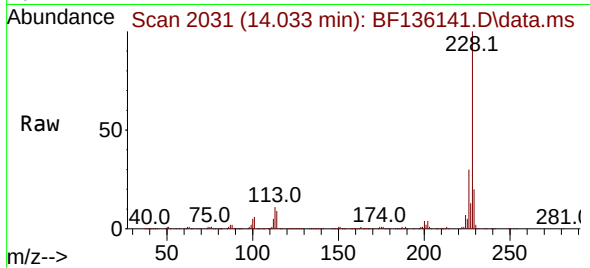
Tgt Ion:252 Resp: 159052
Ion Ratio Lower Upper
252 100
254 66.7 52.5 78.7
126 11.2 9.4 14.2





#83
Chrysene
Concen: 41.675 ng
RT: 14.033 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

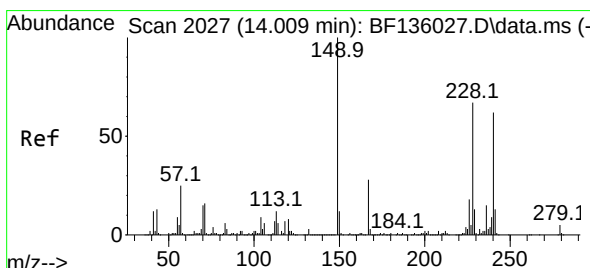
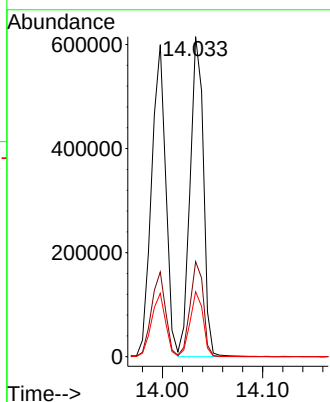
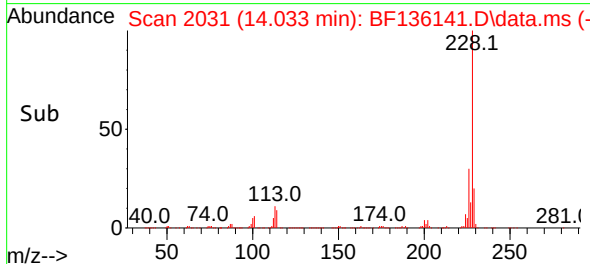
Instrument :
BNA_F
ClientSampleId :
PB156895BS



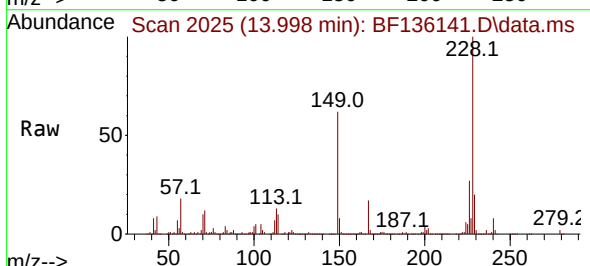
Tgt Ion:228 Resp: 56413
Ion Ratio Lower Upper
228 100
226 29.7 23.5 35.3
229 20.3 16.0 24.0

Manual Integrations
APPROVED

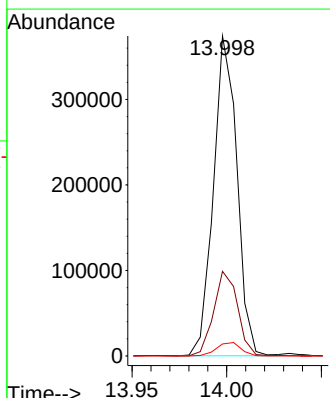
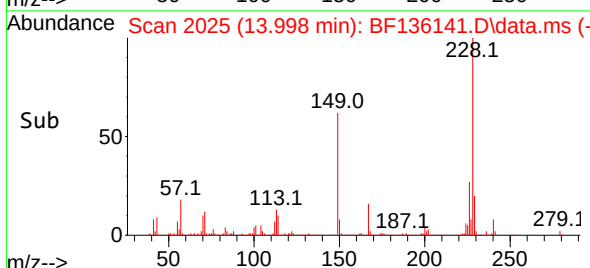
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

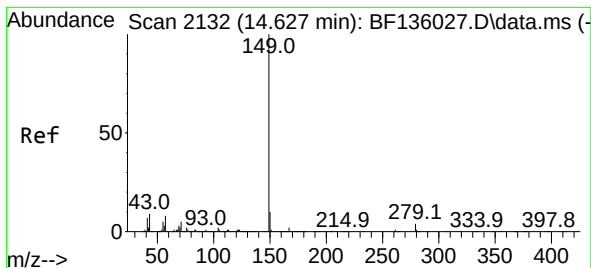


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.297 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33



Tgt Ion:149 Resp: 322886
Ion Ratio Lower Upper
149 100
167 26.4 22.6 33.8
279 3.7 4.1 6.1#





#85

Di-n-octyl phthalate

Concen: 40.815 ng

RT: 14.621 min Scan# 2132

Delta R.T. 0.000 min

Lab File: BF136141.D

Acq: 04 Nov 2023 11:33

Instrument :

BNF

ClientSampleId :

PB156895BS

Tgt Ion:149 Resp: 466762

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

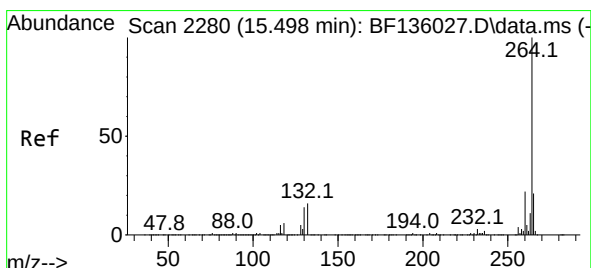
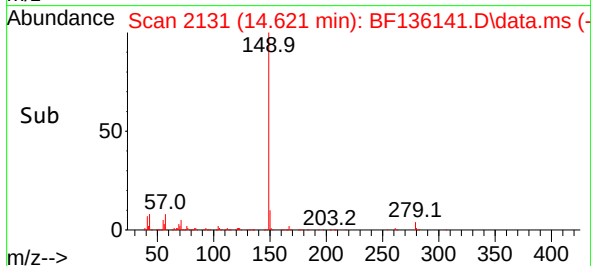
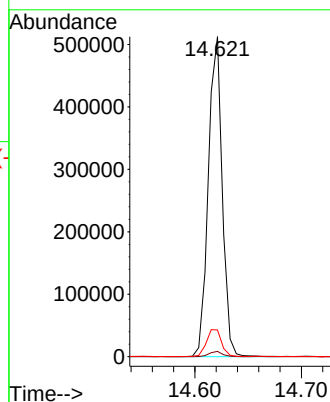
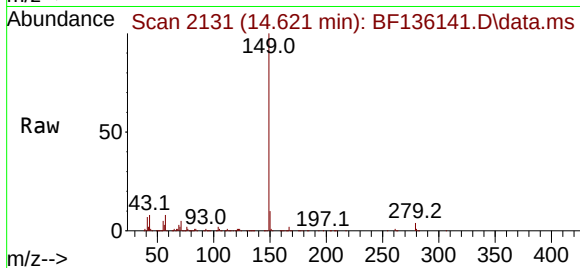
43 9.2 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2023

Supervised By :mohammad ahmed 11/07/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2279

Delta R.T. 0.000 min

Lab File: BF136141.D

Acq: 04 Nov 2023 11:33

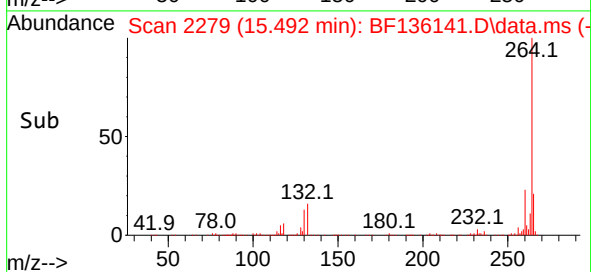
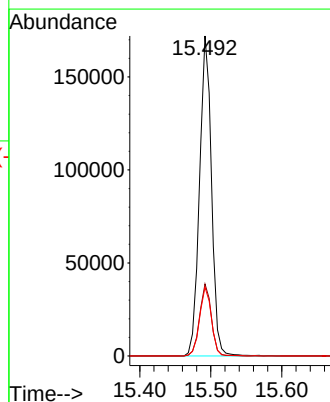
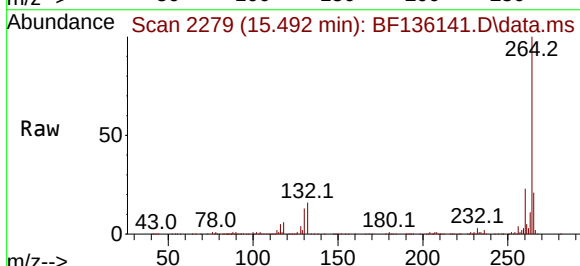
Tgt Ion:264 Resp: 201993

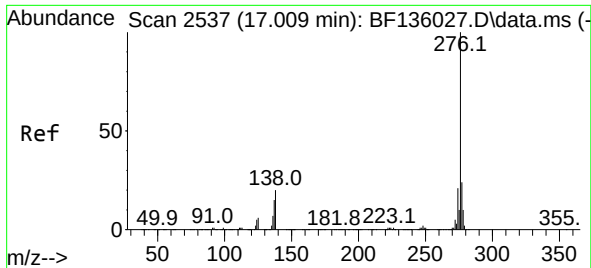
Ion Ratio Lower Upper

264 100

260 22.5 17.9 26.9

265 21.5 16.8 25.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 52.650 ng
RT: 17.009 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

Instrument :

BNA_F

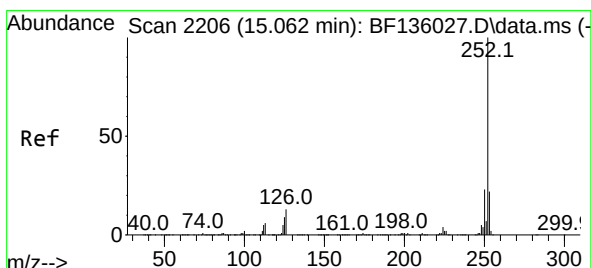
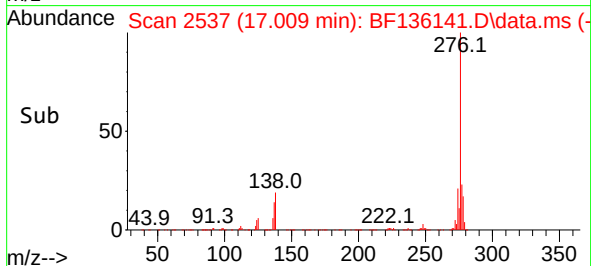
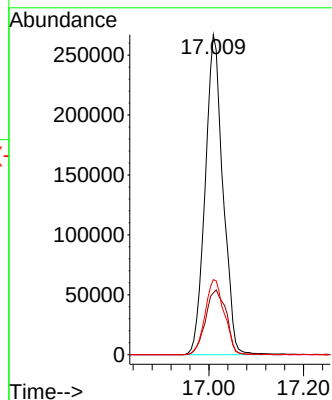
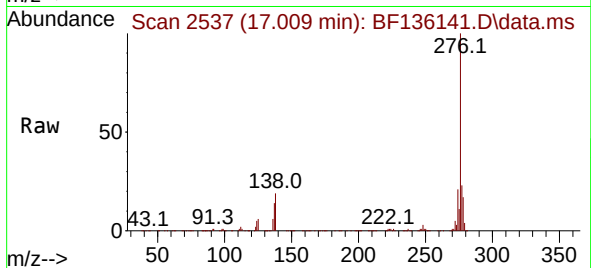
ClientSampleId :

PB156895BS

Tgt Ion:276 Resp: 69505
Ion Ratio Lower Upper
276 100
138 23.7 20.4 30.6
277 25.2 20.2 30.2

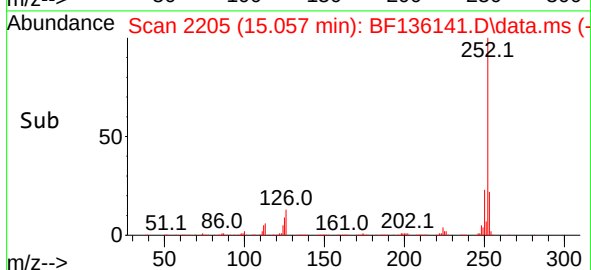
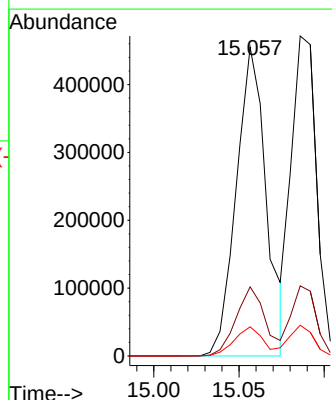
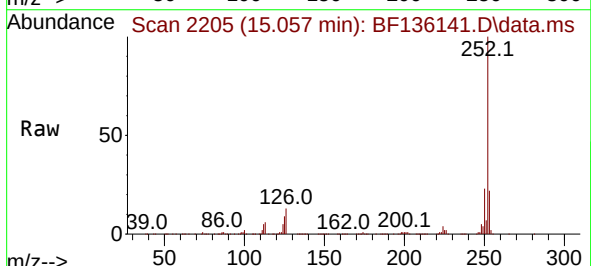
Manual Integrations
APPROVED

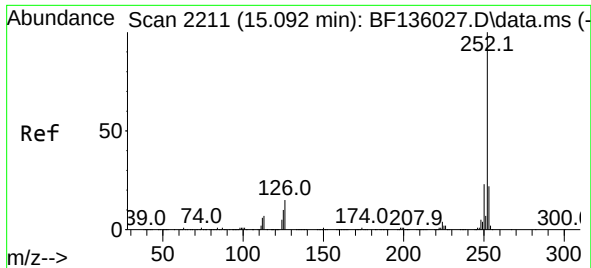
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#88
Benzo(b)fluoranthene
Concen: 46.643 ng
RT: 15.057 min Scan# 2205
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

Tgt Ion:252 Resp: 557488
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 9.4 7.5 11.3





#89
Benzo(k)fluoranthene
Concen: 41.455 ng
RT: 15.086 min Scan# 211
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

Instrument :

BNA_F

ClientSampleId :

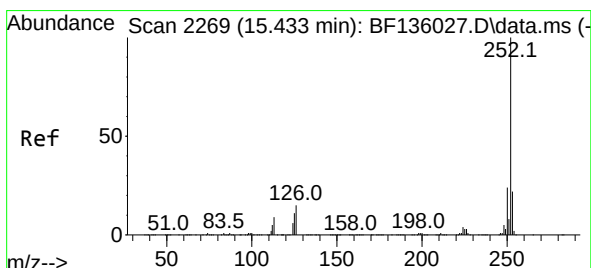
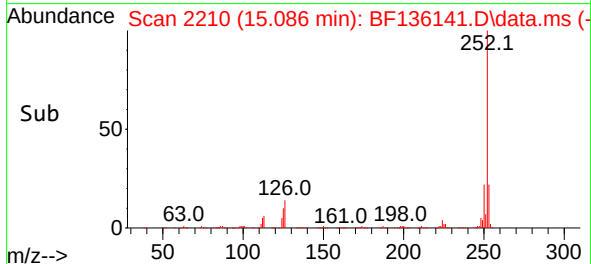
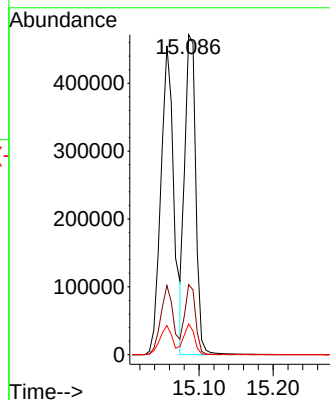
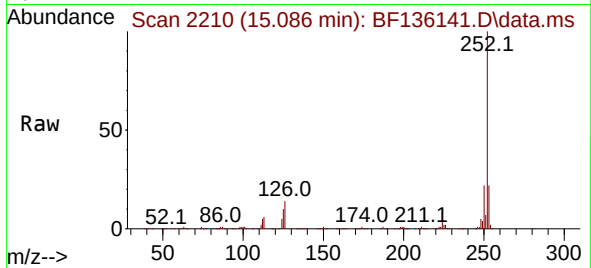
PB156895BS

Tgt Ion:252 Resp: 490254
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 9.6 8.0 12.0

Manual Integrations

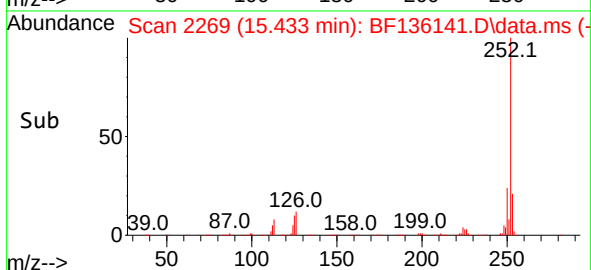
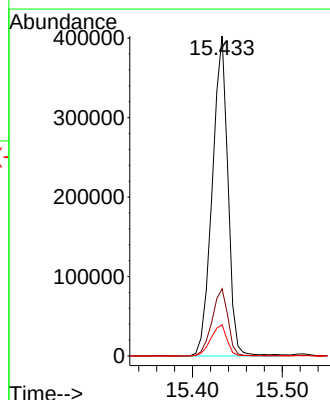
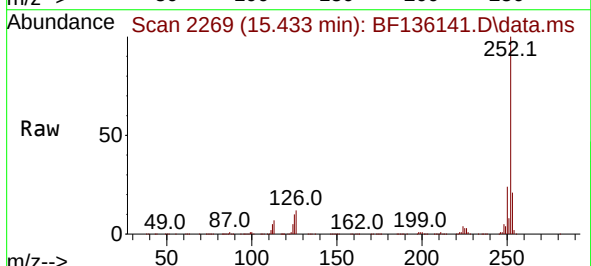
APPROVED

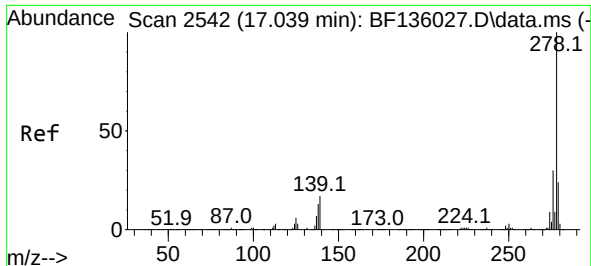
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#90
Benzo(a)pyrene
Concen: 43.864 ng
RT: 15.433 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

Tgt Ion:252 Resp: 487129
Ion Ratio Lower Upper
252 100
253 21.0 17.3 25.9
125 9.8 9.0 13.6





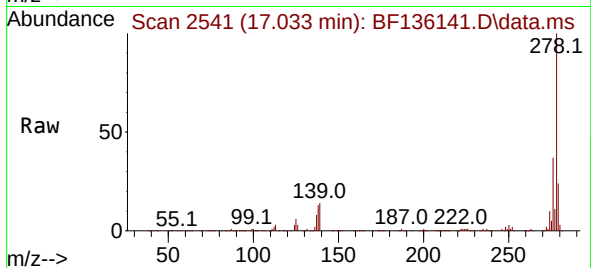
#91
Dibenzo(a,h)anthracene
Concen: 53.093 ng
RT: 17.033 min Scan# 2541
Delta R.T. -0.006 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

Instrument :

BNA_F

ClientSampleId :

PB156895BS



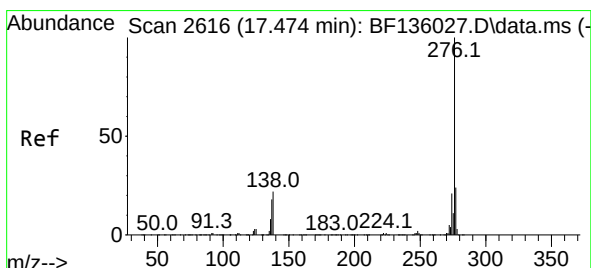
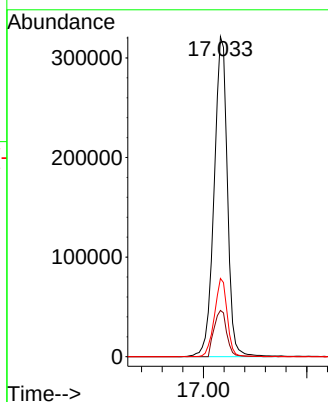
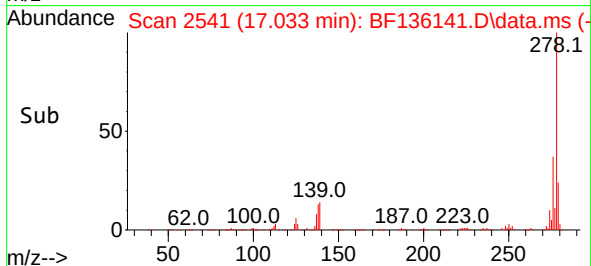
Tgt Ion:278 Resp: 574132
Ion Ratio Lower Upper
278 100
139 14.5 13.7 20.5
279 24.5 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2023

Supervised By :mohammad ahmed 11/07/2023



#92
Benzo(g,h,i)perylene
Concen: 47.181 ng
RT: 17.474 min Scan# 2616
Delta R.T. 0.000 min
Lab File: BF136141.D
Acq: 04 Nov 2023 11:33

Tgt Ion:276 Resp: 580222
Ion Ratio Lower Upper
276 100
277 22.8 19.0 28.4
138 18.7 17.4 26.2

