

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110123\
 Data File : BF136075.D
 Acq On : 01 Nov 2023 14:26
 Operator : CG\JU
 Sample : 05090-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/02/2023
 Supervised By :mohammad ahmed 11/02/2023

Quant Time: Nov 01 22:39:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	138037	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	533282	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	264056	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	398408	20.000	ng	# 0.00
76) Chrysene-d12	14.021	240	238636	20.000	ng	0.00
86) Perylene-d12	15.504	264	284709	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	804538	91.588	ng	0.01
7) Phenol-d6	6.463	99	1017363	92.955	ng	0.00
23) Nitrobenzene-d5	7.387	82	610995	69.067	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	273668	97.098	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1079307	65.158	ng	0.00
79) Terphenyl-d14	12.957	244	893959	58.216	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	163596	42.769	ng	99
3) Pyridine	3.422	79	394217	37.758	ng	99
4) n-Nitrosodimethylamine	3.393	42	201309	46.116	ng	95
6) Aniline	6.492	93	312592	22.060	ng	97
8) 2-Chlorophenol	6.610	128	459286	48.905	ng	98
9) Benzaldehyde	6.375	77	114371	18.741	ng	100
10) Phenol	6.475	94	538623m	47.581	ng	
11) bis(2-Chloroethyl)ether	6.563	93	431825	48.727	ng	98
12) 1,3-Dichlorobenzene	6.763	146	469212m	48.003	ng	
13) 1,4-Dichlorobenzene	6.845	146	482376	49.244	ng	98
14) 1,2-Dichlorobenzene	6.992	146	459105	50.123	ng	97
15) Benzyl Alcohol	6.969	79	373968	48.189	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	582776	47.775	ng	99
17) 2-Methylphenol	7.081	107	357389	44.858	ng	99
18) Hexachloroethane	7.334	117	169545	49.244	ng	98
19) n-Nitroso-di-n-propyla...	7.245	70	285142	45.597	ng	98
20) 3+4-Methylphenols	7.234	107	423898	43.633	ng	97
22) Acetophenone	7.234	105	584562	49.434	ng	# 89
24) Nitrobenzene	7.410	77	437259	48.865	ng	99
25) Isophorone	7.645	82	819232	49.053	ng	99
26) 2-Nitrophenol	7.722	139	225602	55.259	ng	95
27) 2,4-Dimethylphenol	7.763	122	346971	44.975	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	505011	49.352	ng	98
29) 2,4-Dichlorophenol	7.963	162	368354	50.647	ng	95
30) 1,2,4-Trichlorobenzene	8.045	180	397638	50.118	ng	99
31) Naphthalene	8.128	128	1253491	48.744	ng	99
32) Benzoic acid	7.892	122	292847	47.450	ng	96
33) 4-Chloroaniline	8.175	127	102628	9.113	ng	96
34) Hexachlorobutadiene	8.245	225	229226	50.379	ng	99
35) Caprolactam	8.551	113	127055m	53.725	ng	
36) 4-Chloro-3-methylphenol	8.663	107	386934	50.675	ng	100
37) 2-Methylnaphthalene	8.822	142	795544	46.137	ng	99
38) 1-Methylnaphthalene	8.922	142	768724	47.906	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	386276	51.294	ng	98
41) Hexachlorocyclopentadiene	8.975	237	346908	86.226	ng	98
43) 2,4,6-Trichlorophenol	9.098	196	257005	52.342	ng	97

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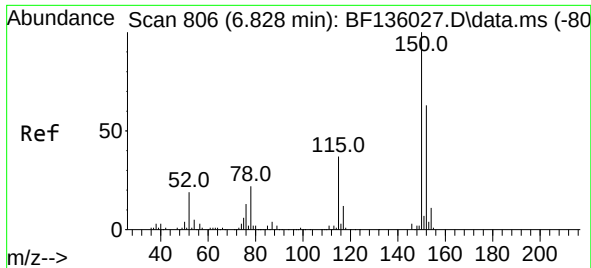
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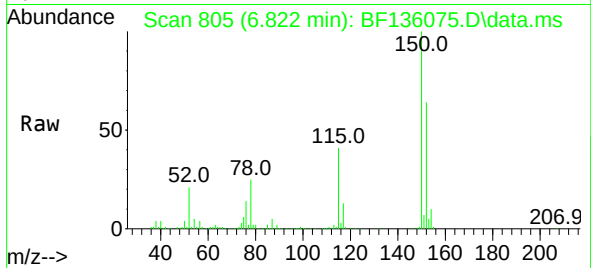
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	270968	47.641	ng	98
46) 1,1'-Biphenyl	9.286	154	1017505	50.548	ng	100
47) 2-Chloronaphthalene	9.310	162	761599	51.323	ng	98
48) 2-Nitroaniline	9.410	65	225939	51.447	ng	97
49) Acenaphthylene	9.728	152	1170474	50.561	ng	99
50) Dimethylphthalate	9.592	163	879410	50.490	ng	99
51) 2,6-Dinitrotoluene	9.657	165	197088	52.906	ng	94
52) Acenaphthene	9.904	154	724032	49.199	ng	99
53) 3-Nitroaniline	9.822	138	149079	34.297	ng	96
54) 2,4-Dinitrophenol	9.928	184	159938	79.295	ng	# 89
55) Dibenzofuran	10.075	168	1024766	47.755	ng	96
56) 4-Nitrophenol	9.986	139	306834	94.370	ng	85
57) 2,4-Dinitrotoluene	10.063	165	247066	52.419	ng	90
58) Fluorene	10.422	166	763588	47.526	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.192	232	216696	47.921	ng	# 98
60) Diethylphthalate	10.298	149	818107	49.159	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	375362	46.803	ng	99
62) 4-Nitroaniline	10.439	138	166068	39.677	ng	95
63) Azobenzene	10.575	77	730901	45.604	ng	98
65) 4,6-Dinitro-2-methylph...	10.469	198	104444	47.746	ng	94
66) n-Nitrosodiphenylamine	10.533	169	684223	56.931	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	234835	56.221	ng	96
68) Hexachlorobenzene	10.969	284	258133	57.863	ng	# 90
69) Atrazine	11.069	200	226337	69.216	ng	98
70) Pentachlorophenol	11.169	266	281495	98.252	ng	97
71) Phenanthrene	11.392	178	1103212	54.996	ng	99
72) Anthracene	11.439	178	1037968	50.496	ng	99
73) Carbazole	11.598	167	848040	47.476	ng	99
74) Di-n-butylphthalate	11.933	149	1084411	53.130	ng	99
75) Fluoranthene	12.586	202	1082872	52.547	ng	98
77) Benzidine	12.704	184	208368	44.799	ng	98
78) Pyrene	12.816	202	1082047	51.430	ng	100
80) Butylbenzylphthalate	13.439	149	399187	53.005	ng	99
81) Benzo(a)anthracene	14.010	228	858494	54.341	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	147436	29.239	ng	96
83) Chrysene	14.045	228	830538	53.381	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	524449	59.772	ng	99
85) Di-n-octyl phthalate	14.627	149	912691	69.437	ng	99
87) Indeno(1,2,3-cd)pyrene	17.027	276	743226	39.942	ng	99
88) Benzo(b)fluoranthene	15.074	252	950140	56.399	ng	99
89) Benzo(k)fluoranthene	15.104	252	787782	47.261	ng	99
90) Benzo(a)pyrene	15.445	252	776046	49.577	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	583131	38.258	ng	99
92) Benzo(g,h,i)perylene	17.492	276	567874	33.646	ng	98

(#) = 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. -0.006 min
 Lab File: BF136075.D
 Acq: 01 Nov 2023 14:26

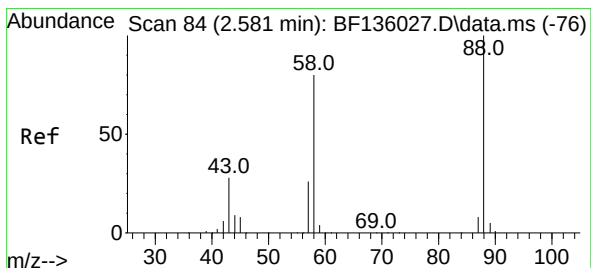
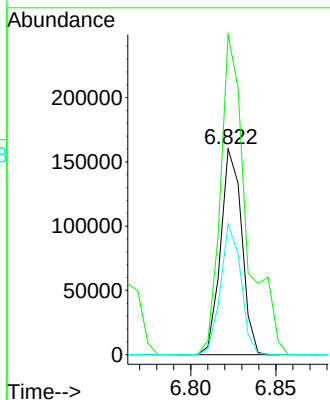
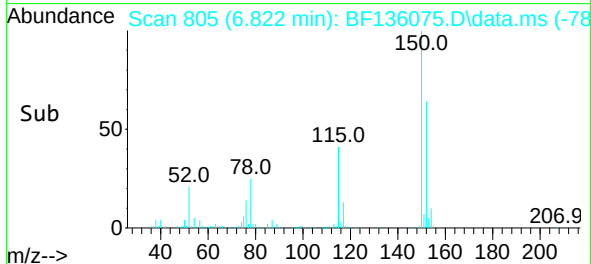
Instrument :
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 ClientSampleId :
 WC-1MS



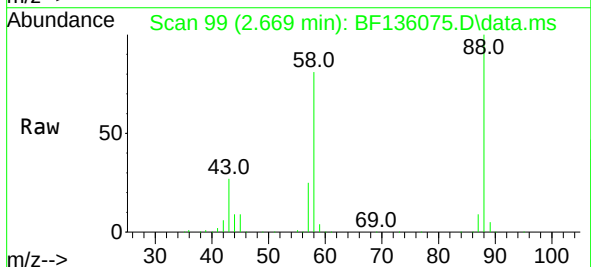
Tgt Ion:152 Resp: 13803
 Ion Ratio Lower Upper
 152 100
 150 155.5 126.4 189.6
 115 63.5 47.0 70.4

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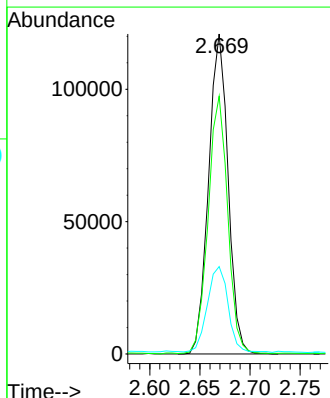
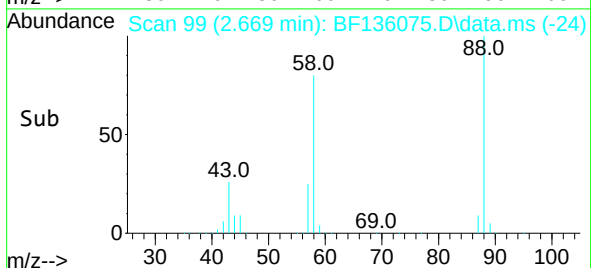
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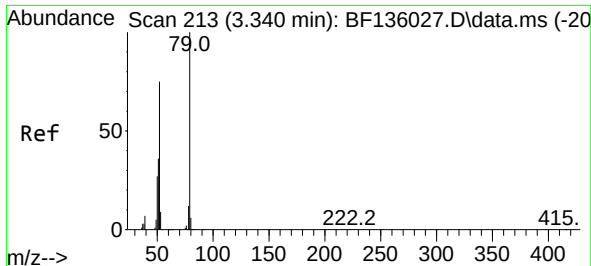


#2
 1,4-Dioxane
 Concen: 42.769 ng
 RT: 2.669 min Scan# 99
 Delta R.T. 0.088 min
 Lab File: BF136075.D
 Acq: 01 Nov 2023 14:26



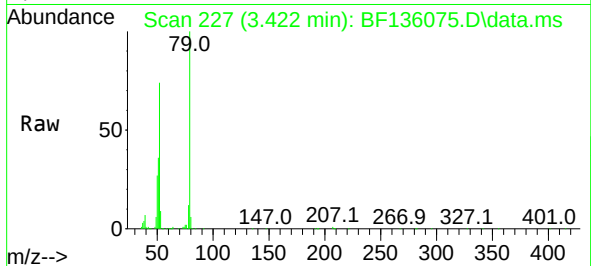
Tgt Ion: 88 Resp: 163596
 Ion Ratio Lower Upper
 88 100
 58 80.6 64.3 96.5
 43 28.6 22.3 33.5





#3
Pyridine
Concen: 37.758 ng
RT: 3.422 min Scan# 213
Delta R.T. 0.083 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26

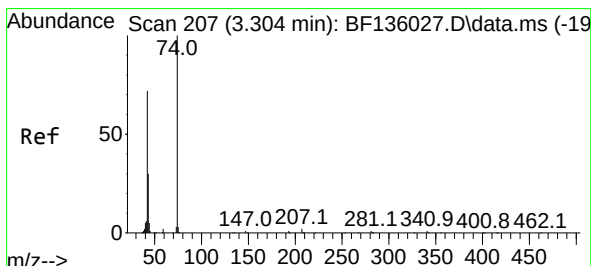
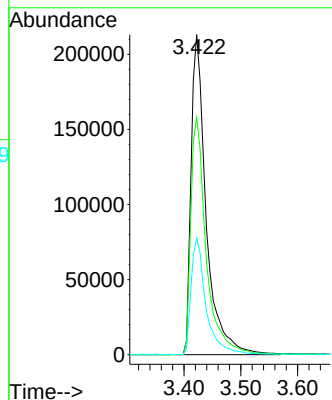
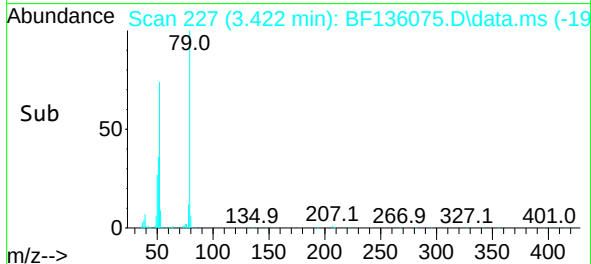
Instrument :
BNA_F
ClientSampleId :
WC-1MS



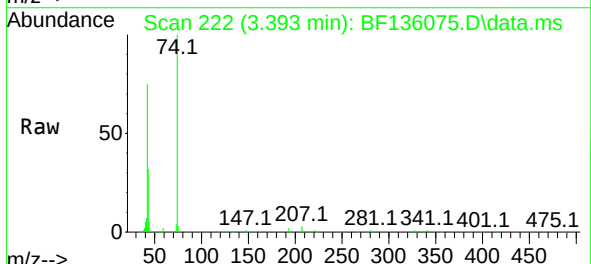
Tgt Ion: 79 Resp: 39421
Ion Ratio Lower Upper
79 100
52 74.1 60.3 90.5
51 36.5 29.3 43.9

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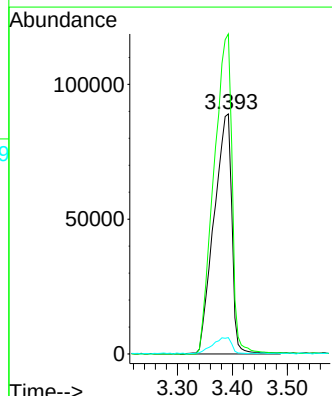
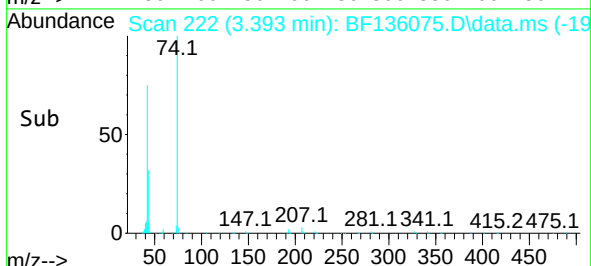
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

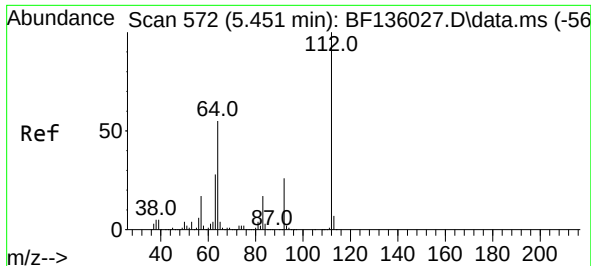


#4
n-Nitrosodimethylamine
Concen: 46.116 ng
RT: 3.393 min Scan# 222
Delta R.T. 0.088 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26



Tgt Ion: 42 Resp: 201309
Ion Ratio Lower Upper
42 100
74 133.3 111.8 167.6
44 6.8 6.2 9.4





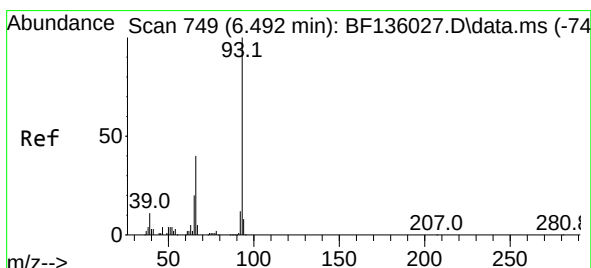
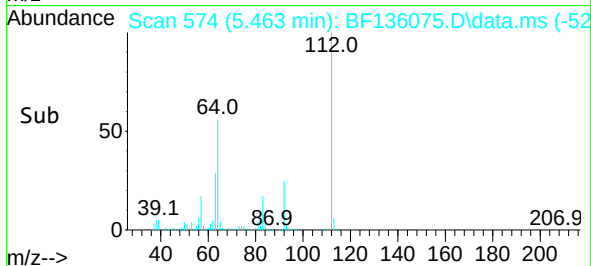
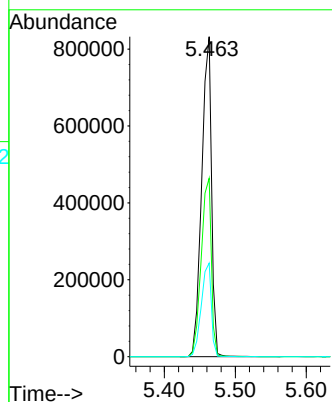
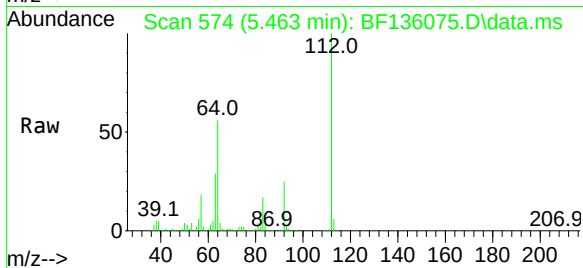
#5
2-Fluorophenol
Concen: 91.588 ng
RT: 5.463 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:112 Resp: 804538
Ion Ratio Lower Upper
112 100
64 55.8 43.9 65.9
63 29.2 22.4 33.6

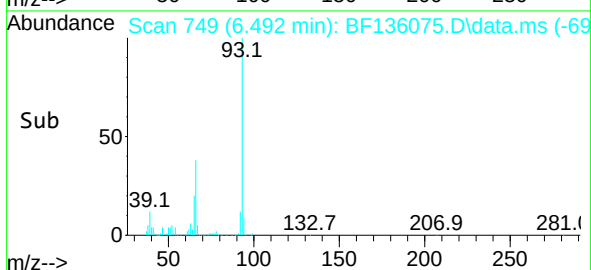
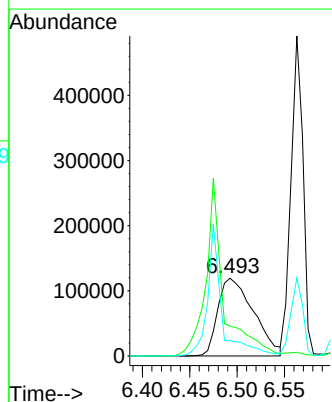
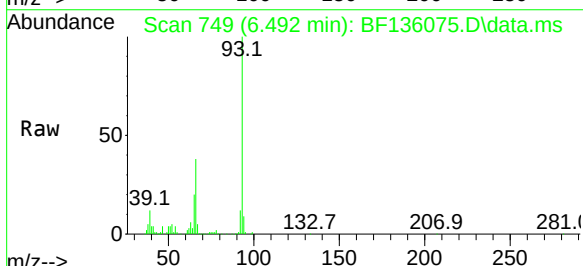
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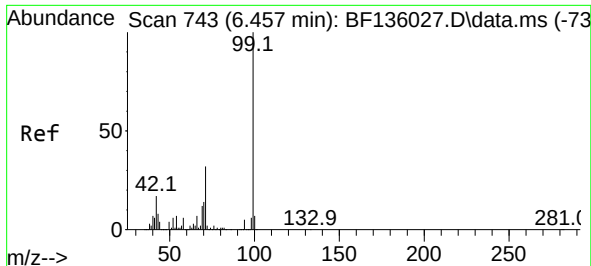
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#6
Aniline
Concen: 22.060 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26

Tgt Ion: 93 Resp: 312592
Ion Ratio Lower Upper
93 100
66 38.2 32.4 48.6
65 19.5 16.2 24.2





#7

Phenol-d6

Concen: 92.955 ng

RT: 6.463 min Scan# 743

Delta R.T. 0.006 min

Lab File: BF136075.D

Acq: 01 Nov 2023 14:26

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion: 99 Resp: 101736

Ion Ratio Lower Upper

99 100

42 16.0 13.7 20.5

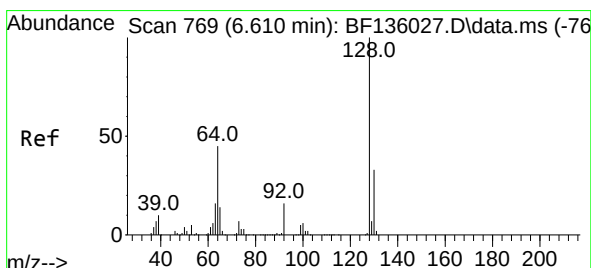
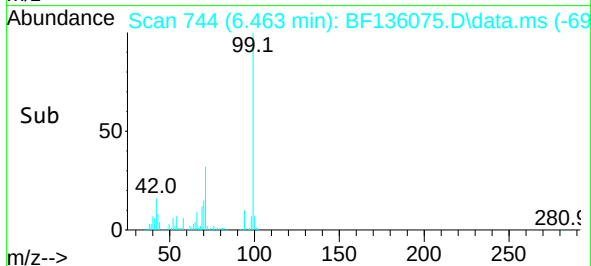
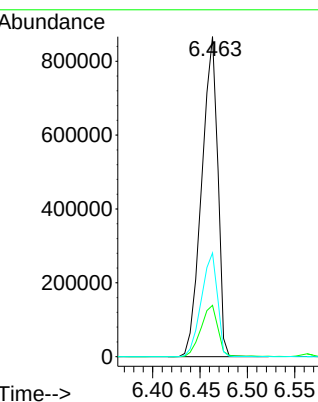
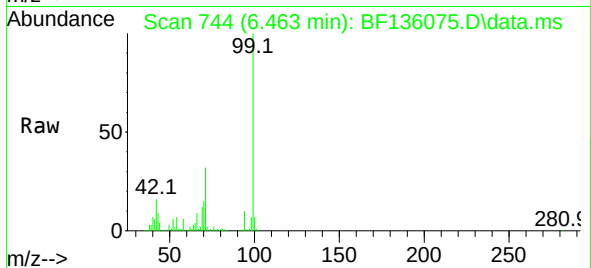
71 32.4 25.9 38.9

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#8

2-Chlorophenol

Concen: 48.905 ng

RT: 6.610 min Scan# 769

Delta R.T. 0.000 min

Lab File: BF136075.D

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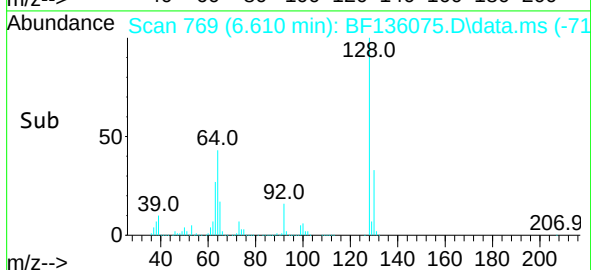
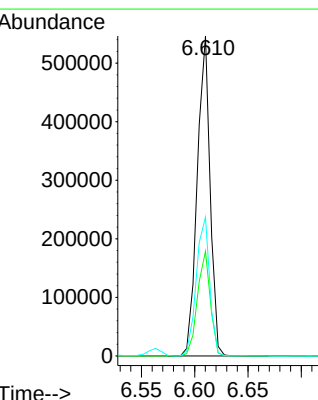
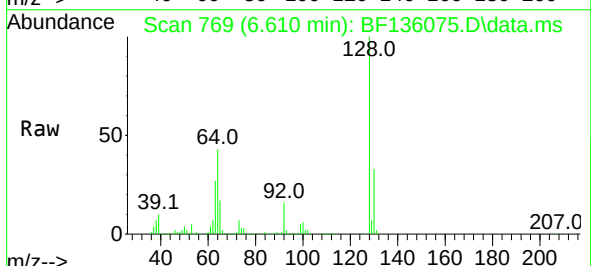
Tgt Ion:128 Resp: 459286

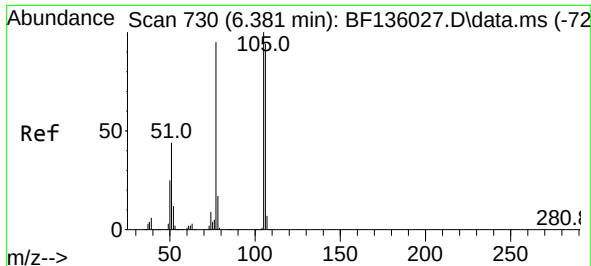
Ion Ratio Lower Upper

128 100

130 32.8 12.8 52.8

64 43.4 25.8 65.8





#9

Benzaldehyde

Concen: 18.741 ng

RT: 6.375 min Scan# 729

Delta R.T. -0.006 min

Lab File: BF136075.D

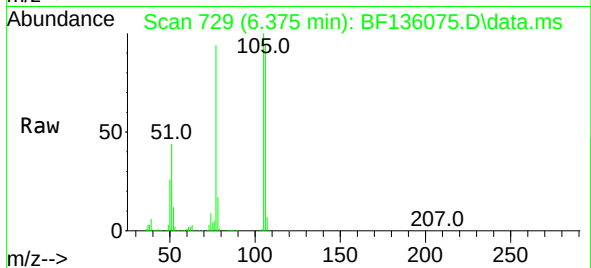
Acq: 01 Nov 2023 14:26

Instrument :

BNA_F

ClientSampleId :

WC-1MS



Tgt Ion: 77 Resp: 11437

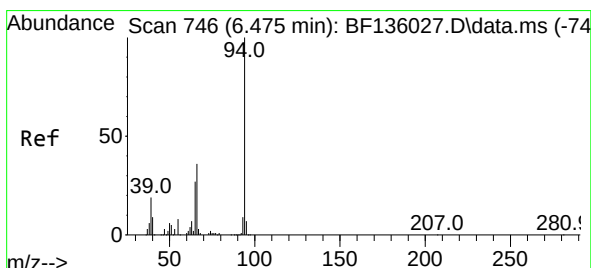
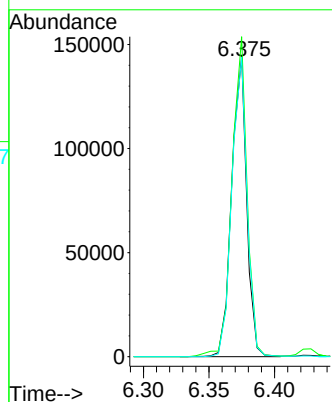
Ion	Ratio	Lower	Upper
77	100		
105	106.6	85.7	125.7
106	99.9	79.8	119.8

Manual Integrations

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#10

Phenol

Concen: 47.581 ng m

RT: 6.475 min Scan# 746

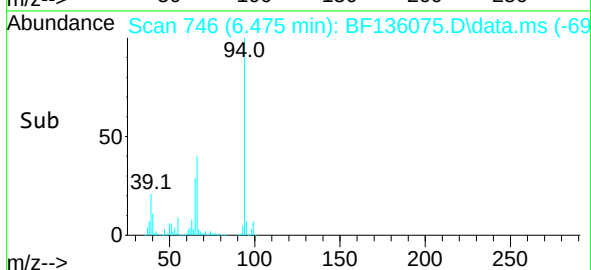
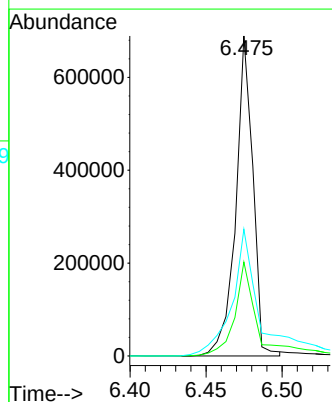
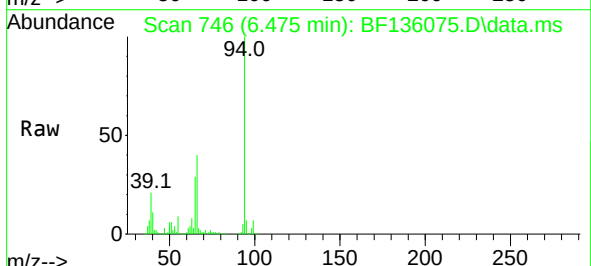
Delta R.T. 0.000 min

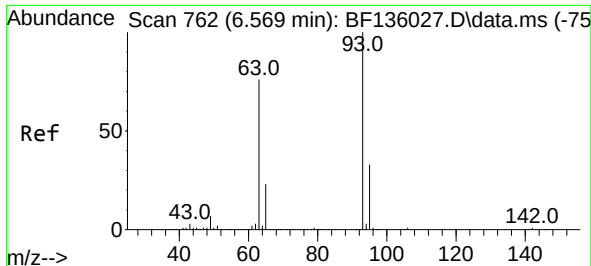
Lab File: BF136075.D

Acq: 01 Nov 2023 14:26

Tgt Ion: 94 Resp: 538623

Ion	Ratio	Lower	Upper
94	100		
65	29.4	7.5	47.5
66	39.6	17.1	57.1





#11

bis(2-Chloroethyl)ether

Concen: 48.727 ng

RT: 6.563 min Scan# 761

Delta R.T. -0.006 min

Lab File: BF136075.D

Acq: 01 Nov 2023 14:26

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion: 93 Resp: 43182

Ion Ratio Lower Upper

93 100

63 76.6 55.8 95.8

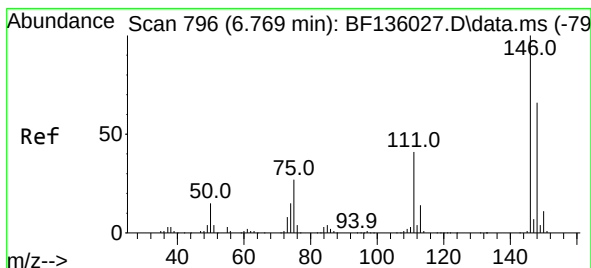
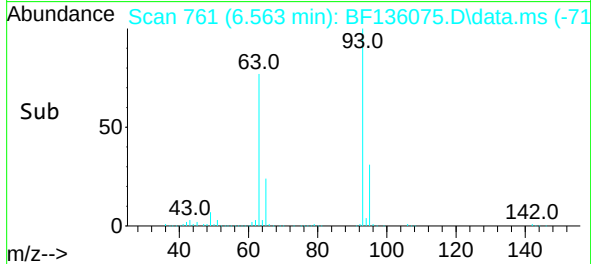
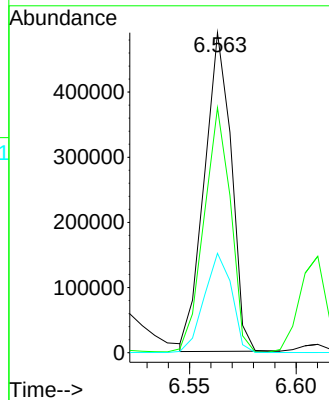
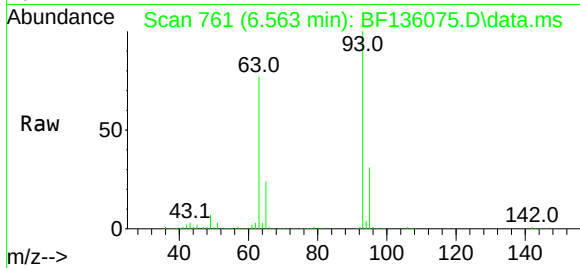
95 31.1 12.9 52.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#12

1,3-Dichlorobenzene

Concen: 48.003 ng m

RT: 6.763 min Scan# 795

Delta R.T. -0.006 min

Lab File: BF136075.D

Acq: 01 Nov 2023 14:26

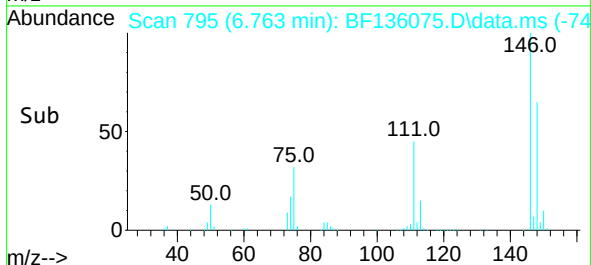
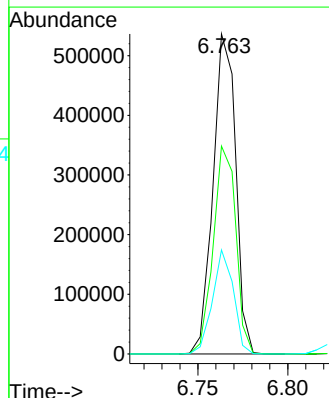
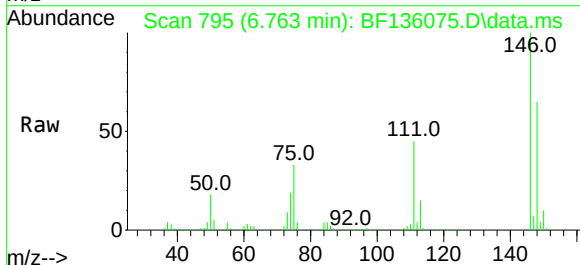
Tgt Ion:146 Resp: 469212

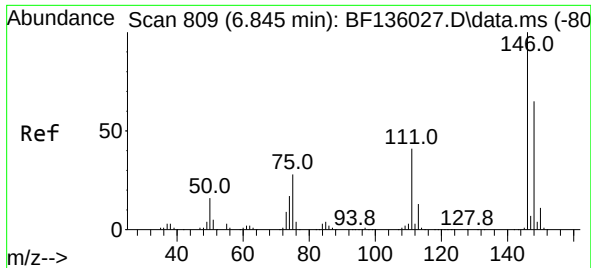
Ion Ratio Lower Upper

146 100

148 65.0 52.6 78.8

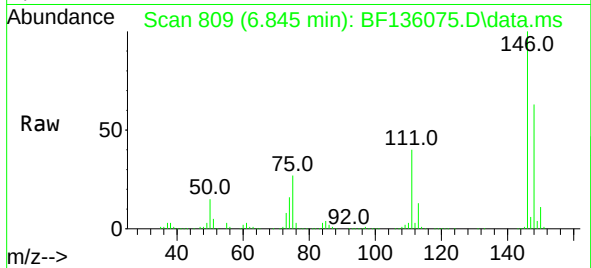
75 32.5 21.6 32.4#





#13
1,4-Dichlorobenzene
Concen: 49.244 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26

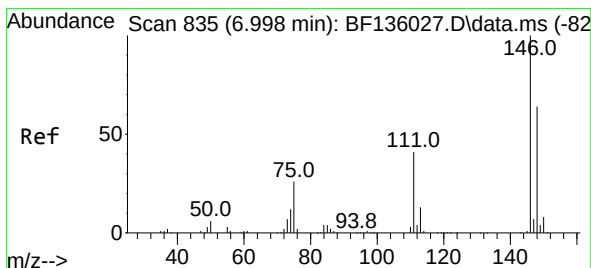
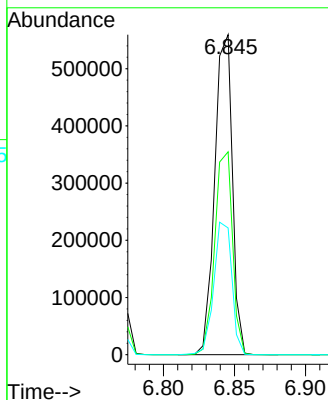
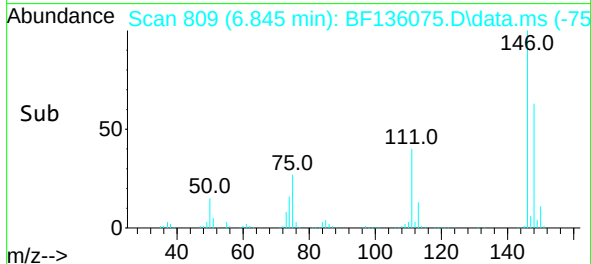
Instrument :
BNA_F
ClientSampleId :
WC-1MS



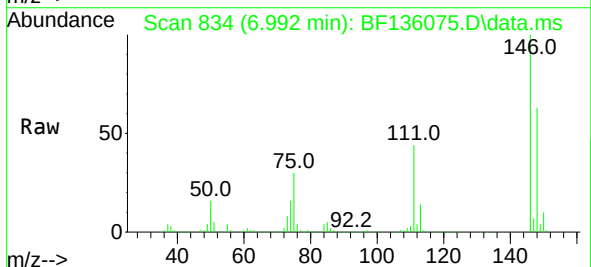
Tgt Ion:146 Resp: 482370
Ion Ratio Lower Upper
146 100
148 63.4 52.1 78.1
111 39.6 32.6 48.8

Manual Integrations
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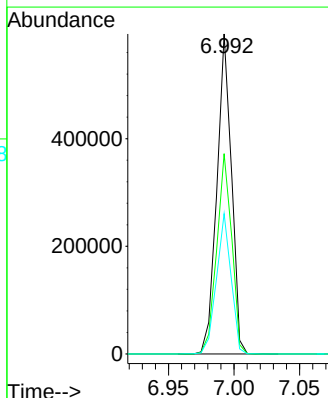
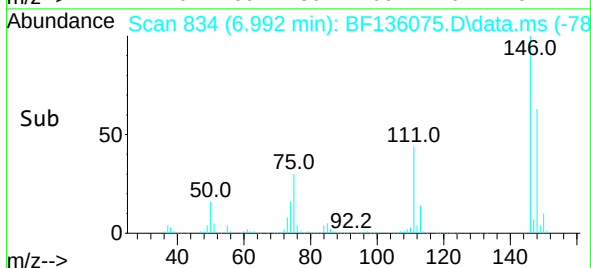
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

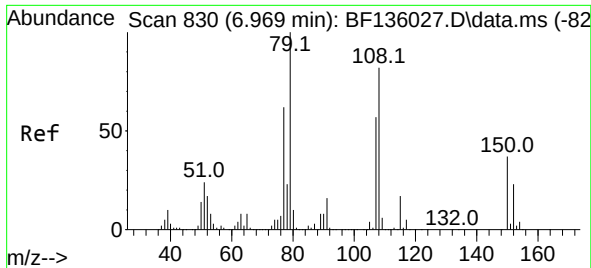


#14
1,2-Dichlorobenzene
Concen: 50.123 ng
RT: 6.992 min Scan# 834
Delta R.T. -0.006 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26



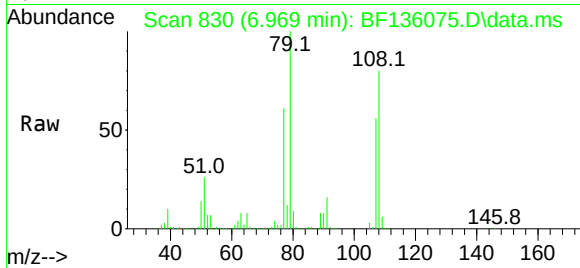
Tgt Ion:146 Resp: 459105
Ion Ratio Lower Upper
146 100
148 62.6 51.4 77.2
111 43.9 33.0 49.4





#15
Benzyl Alcohol
Concen: 48.189 ng
RT: 6.969 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26

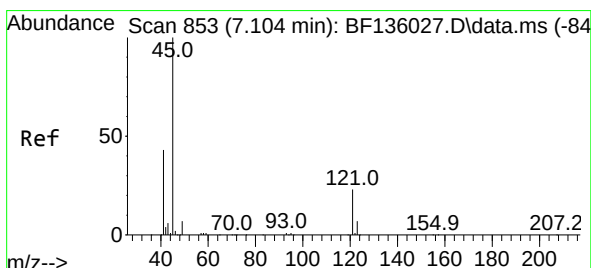
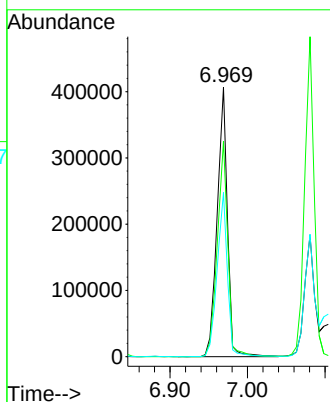
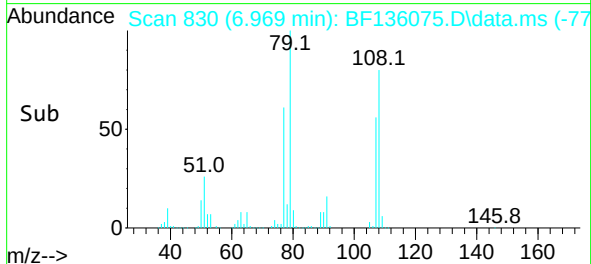
Instrument :
BNA_F
ClientSampleId :
WC-1MS



Tgt Ion: 79 Resp: 373968
Ion Ratio Lower Upper
79 100
108 79.9 65.9 98.9
77 60.9 49.4 74.2

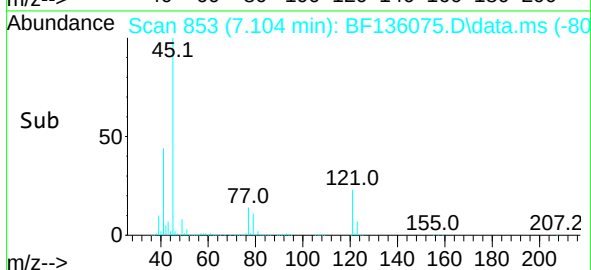
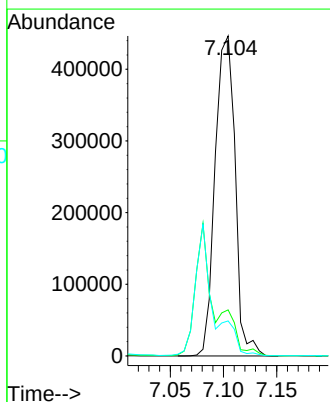
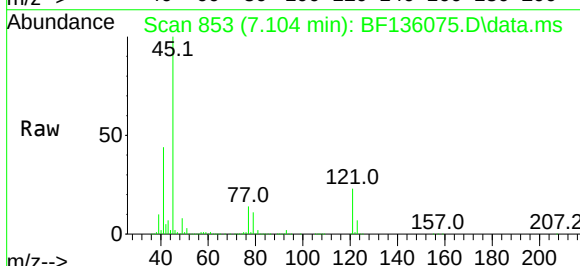
Manual Integrations
APPROVED

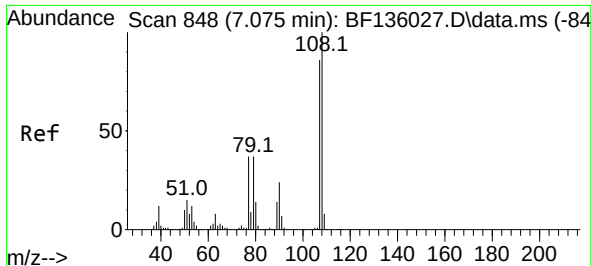
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.775 ng
RT: 7.104 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26

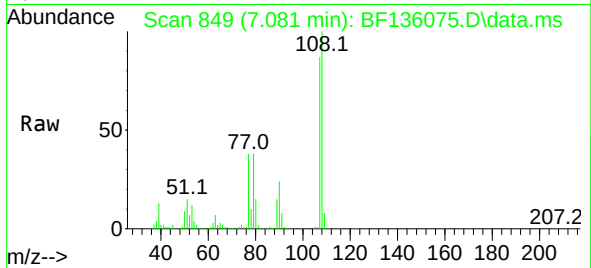
Tgt Ion: 45 Resp: 582776
Ion Ratio Lower Upper
45 100
77 14.4 0.0 34.6
79 10.9 0.0 30.6





#17
2-Methylphenol
Concen: 44.858 ng
RT: 7.081 min Scan# 848
Delta R.T. 0.006 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26

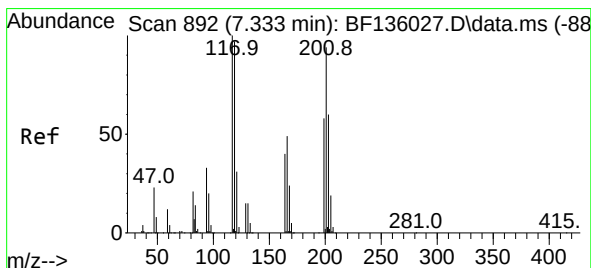
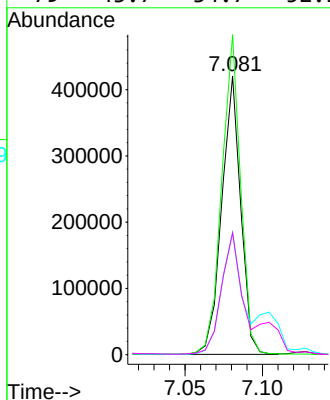
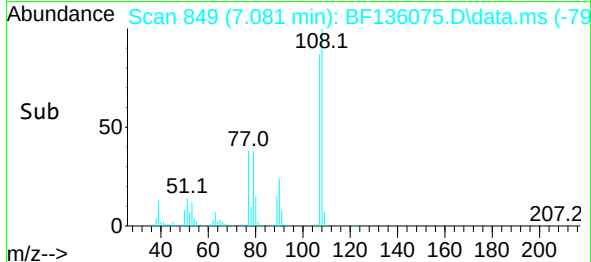
Instrument :
BNA_F
ClientSampleId :
WC-1MS



Tgt Ion:107 Resp: 357389
Ion Ratio Lower Upper
107 100
108 114.8 93.4 140.2
77 43.9 34.4 51.6
79 43.7 34.7 52.1

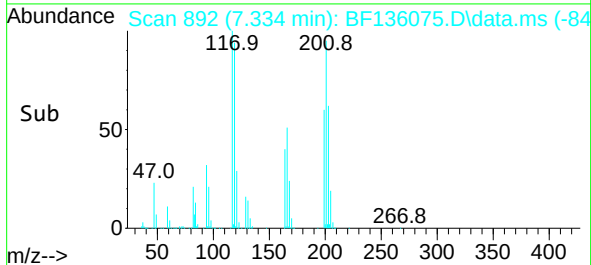
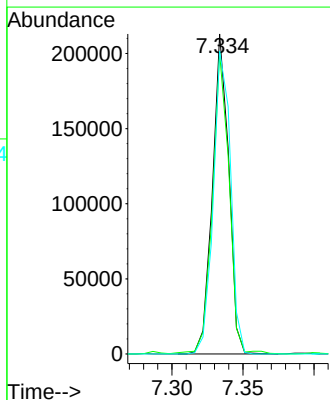
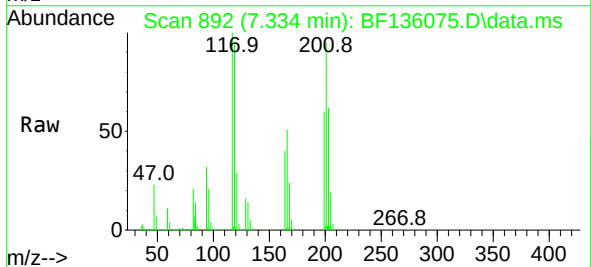
Manual Integrations
APPROVED

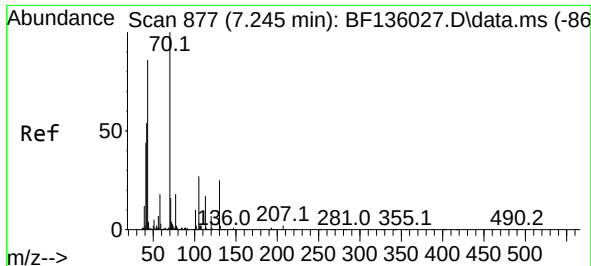
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#18
Hexachloroethane
Concen: 49.244 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26

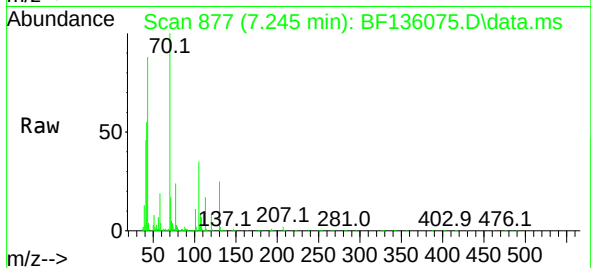
Tgt Ion:117 Resp: 169545
Ion Ratio Lower Upper
117 100
119 94.0 77.7 116.5
201 94.7 75.0 112.6





#19
n-Nitroso-di-n-propylamine
Concen: 45.597 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26

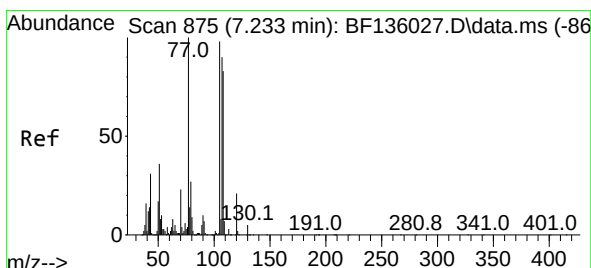
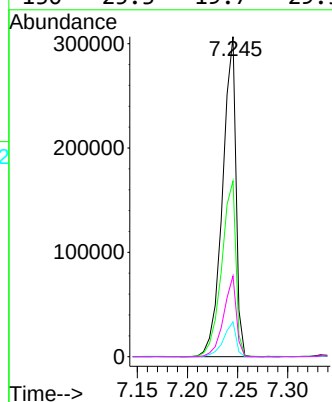
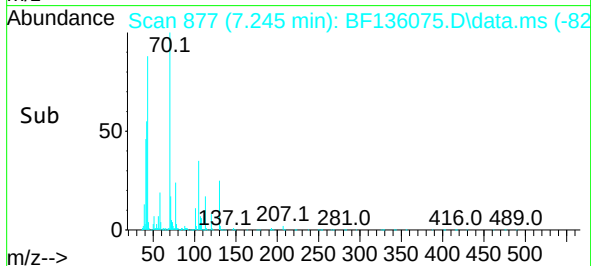
Instrument :
BNA_F
ClientSampleId :
WC-1MS



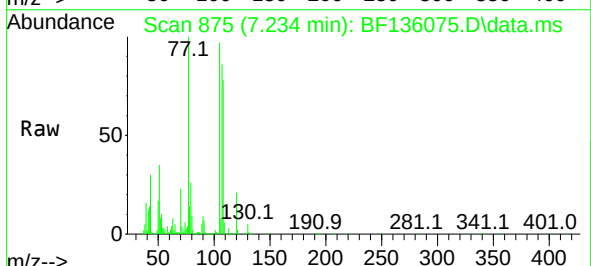
Tgt Ion: 70 Resp: 28514
Ion Ratio Lower Upper
70 100
42 54.9 43.0 64.4
101 10.9 8.0 12.0
130 25.3 19.7 29.5

Manual Integrations
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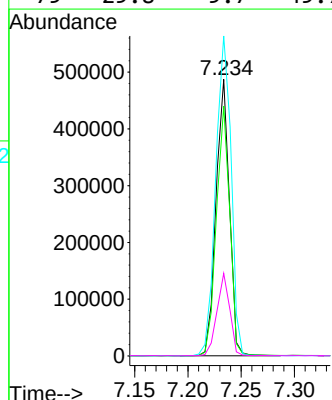
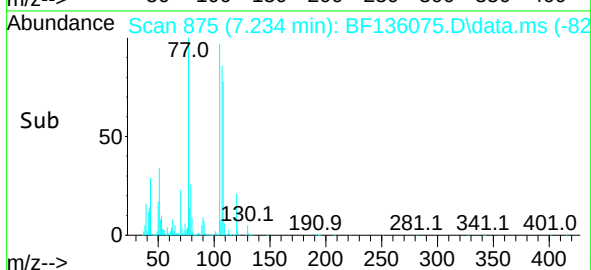
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

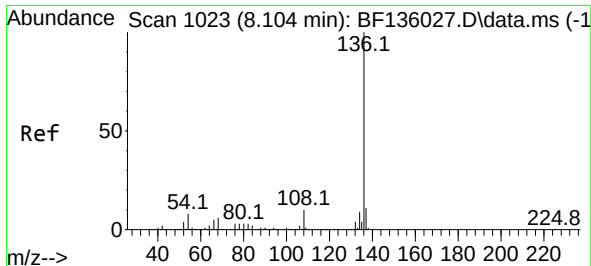


#20
3+4-Methylphenols
Concen: 43.633 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26



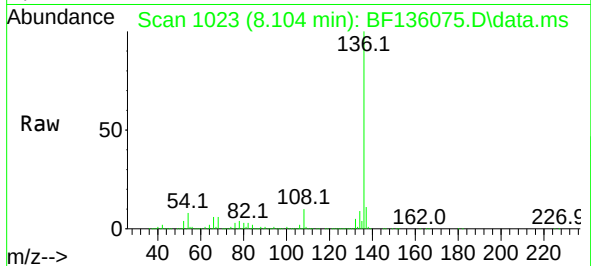
Tgt Ion:107 Resp: 423898
Ion Ratio Lower Upper
107 100
108 90.4 72.3 112.3
77 115.7 91.4 131.4
79 29.8 9.7 49.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26

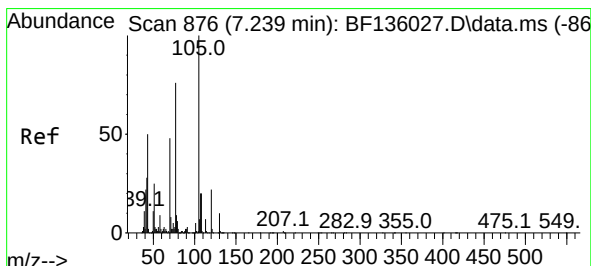
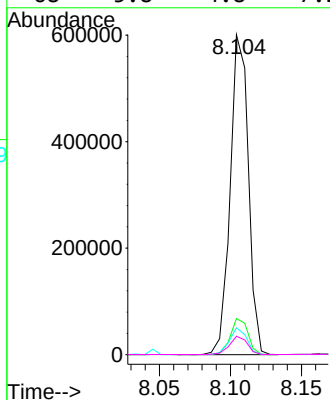
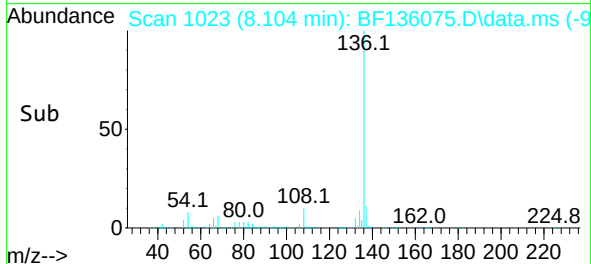
Instrument :
BNA_F
ClientSampleId :
WC-1MS



Tgt Ion:136 Resp: 53328
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 8.4 6.6 9.8
68 5.8 4.8 7.2

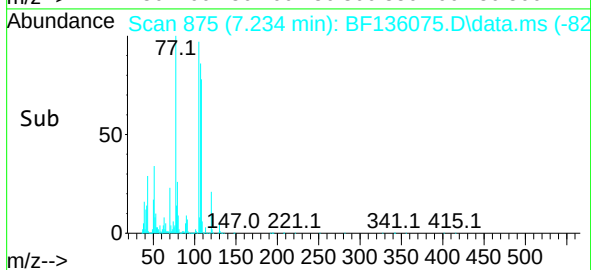
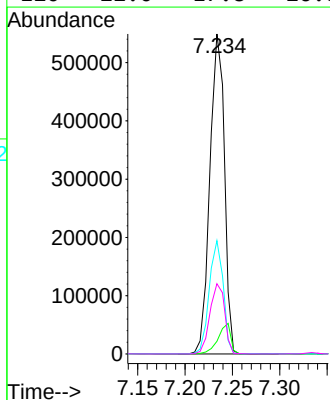
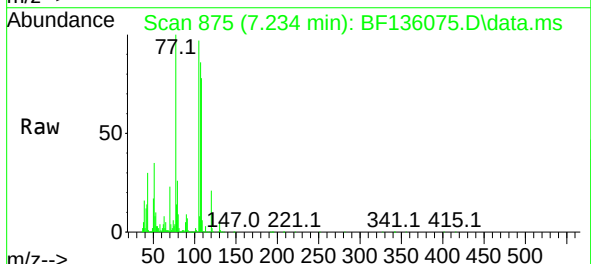
Manual Integrations
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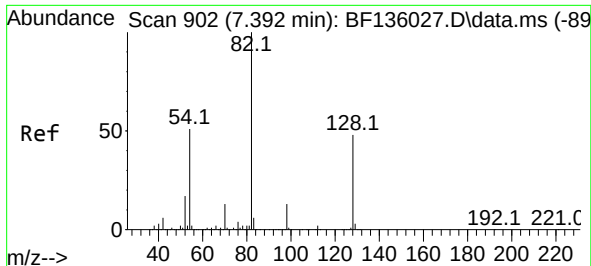
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#22
Acetophenone
Concen: 49.434 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26

Tgt Ion:105 Resp: 584562
Ion Ratio Lower Upper
105 100
71 4.0 6.5 9.7#
51 35.4 20.3 30.5#
120 22.0 17.8 26.8





#23

Nitrobenzene-d5

Concen: 69.067 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF136075.D

Acq: 01 Nov 2023 14:26

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion: 82 Resp: 61099

Ion Ratio Lower Upper

82 100

128 45.5 38.6 57.8

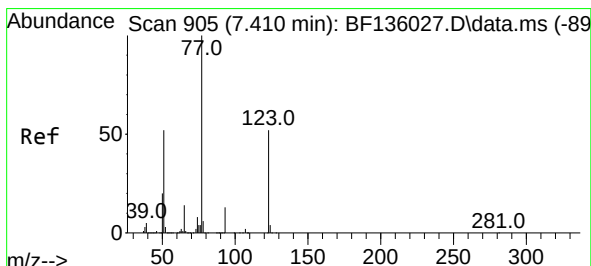
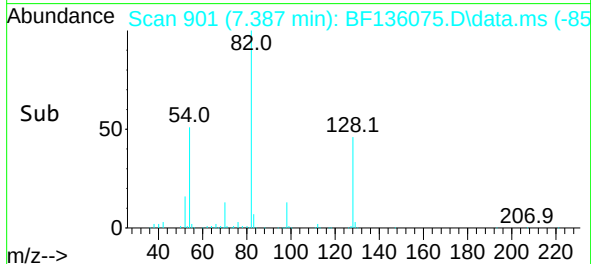
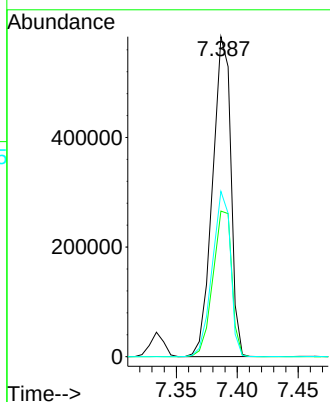
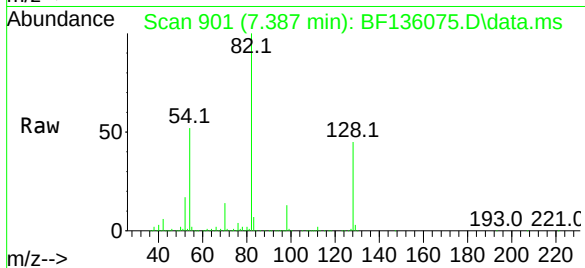
54 51.6 40.8 61.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#24

Nitrobenzene

Concen: 48.865 ng

RT: 7.410 min Scan# 905

Delta R.T. 0.000 min

Lab File: BF136075.D

Acq: 01 Nov 2023 14:26

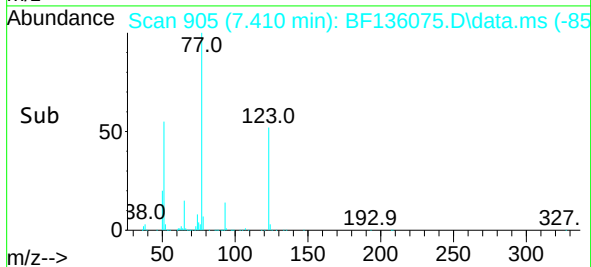
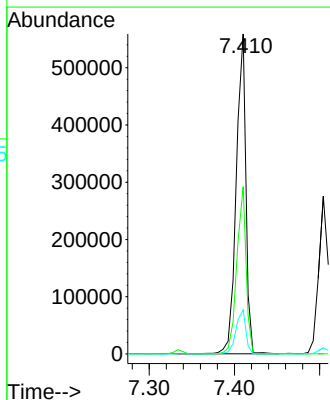
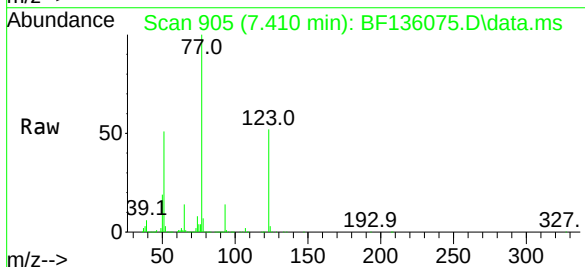
Tgt Ion: 77 Resp: 437259

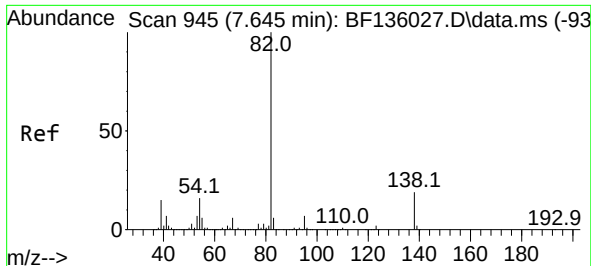
Ion Ratio Lower Upper

77 100

123 52.3 42.3 63.5

65 13.8 11.0 16.6





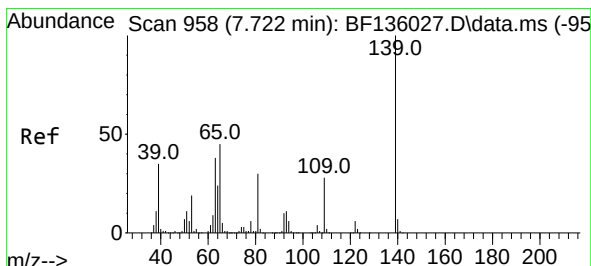
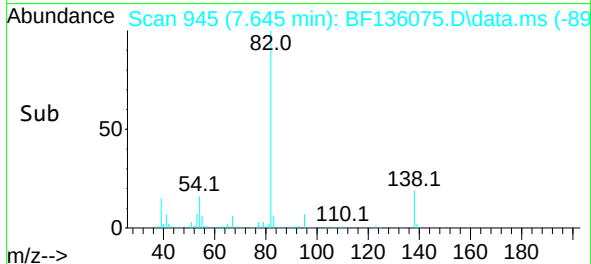
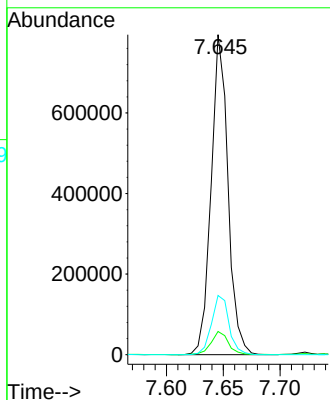
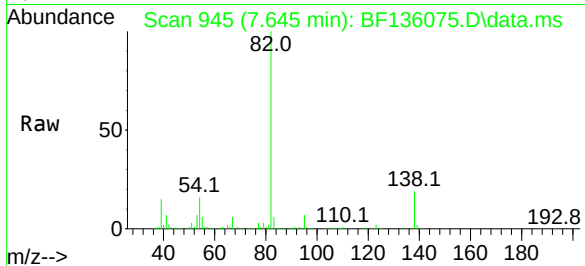
#25
Isophorone
Concen: 49.053 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion: 82 Resp: 81923
Ion Ratio Lower Upper
82 100
95 7.2 5.9 8.9
138 18.5 15.3 22.9

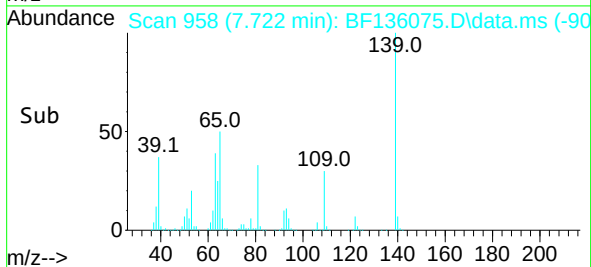
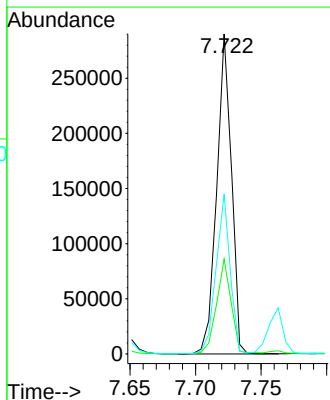
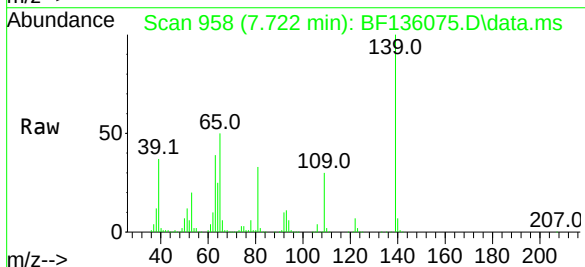
Manual Integrations
APPROVED

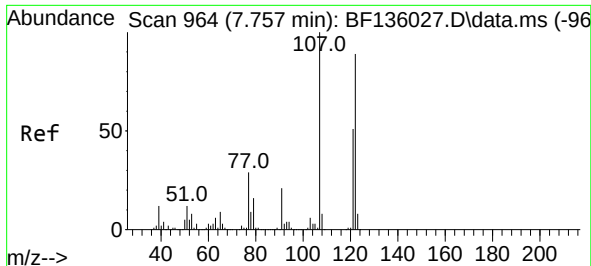
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#26
2-Nitrophenol
Concen: 55.259 ng
RT: 7.722 min Scan# 958
Delta R.T. 0.000 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26

Tgt Ion:139 Resp: 225602
Ion Ratio Lower Upper
139 100
109 29.7 22.6 34.0
65 50.0 36.3 54.5





#27

2,4-Dimethylphenol

Concen: 44.975 ng

RT: 7.763 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF136075.D

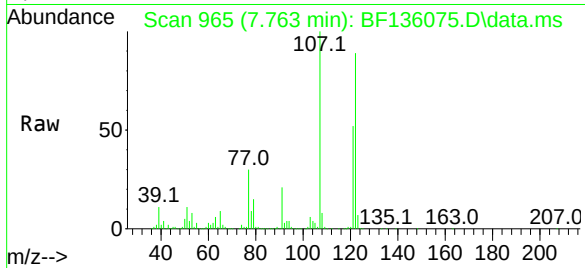
Acq: 01 Nov 2023 14:26

Instrument :

BNA_F

ClientSampleId :

WC-1MS



Tgt Ion:122 Resp: 34697

Ion Ratio Lower Upper

122 100

107 111.7 89.6 134.4

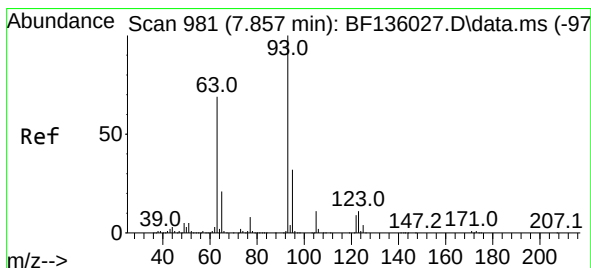
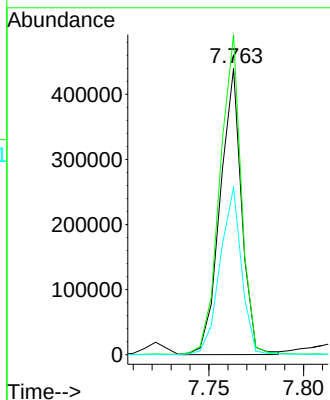
121 58.4 46.0 69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#28

bis(2-Chloroethoxy)methane

Concen: 49.352 ng

RT: 7.863 min Scan# 982

Delta R.T. 0.006 min

Lab File: BF136075.D

Acq: 01 Nov 2023 14:26

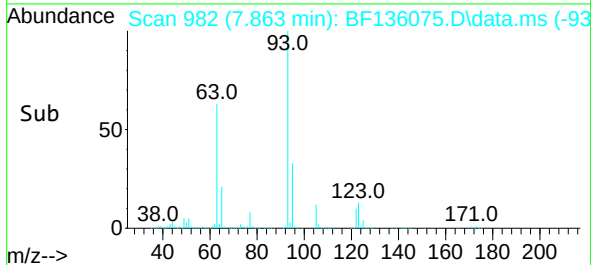
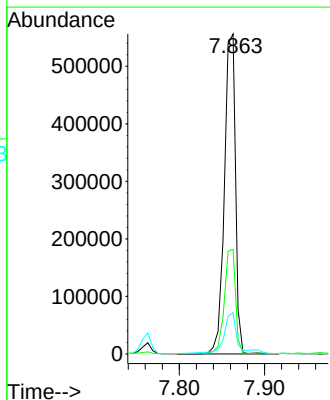
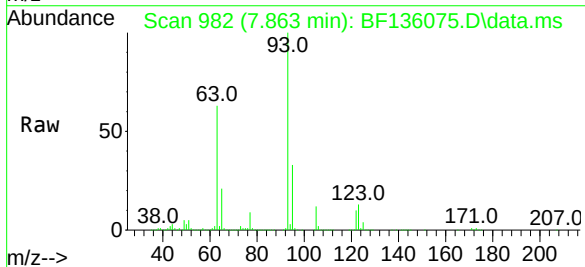
Tgt Ion: 93 Resp: 505011

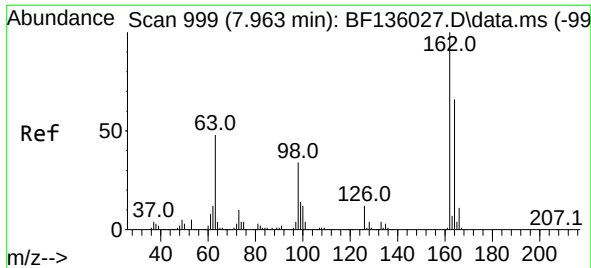
Ion Ratio Lower Upper

93 100

95 32.7 25.7 38.5

123 12.9 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 50.647 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF136075.D

Acq: 01 Nov 2023 14:26

Instrument :

BNA_F

ClientSampleId :

WC-1MS

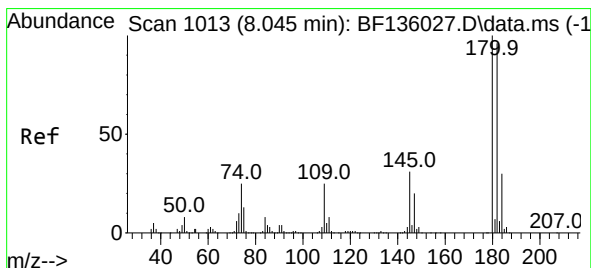
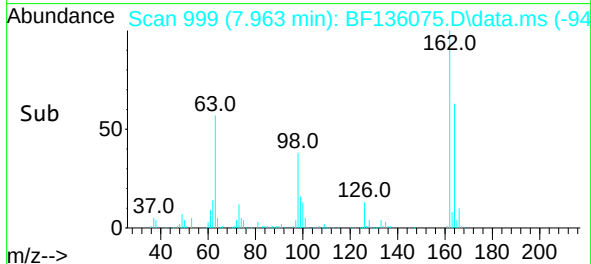
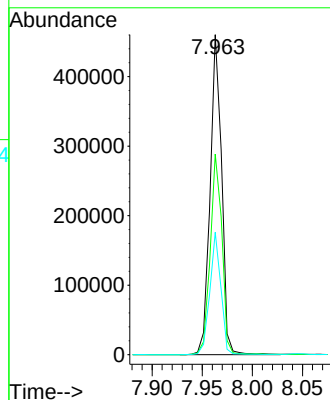
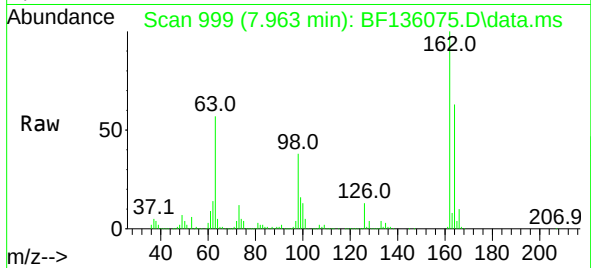
Tgt Ion:	162	Resp:	368354
Ion Ratio	Lower	Upper	
162	100		
164	62.7	45.5	85.5
98	38.2	14.4	54.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#30

1,2,4-Trichlorobenzene

Concen: 50.118 ng

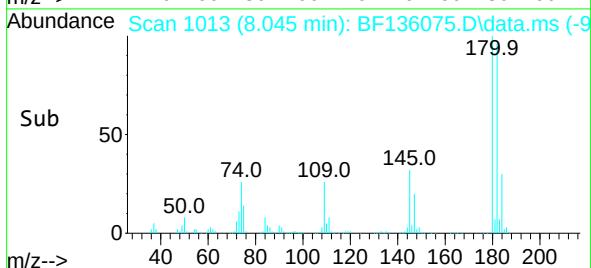
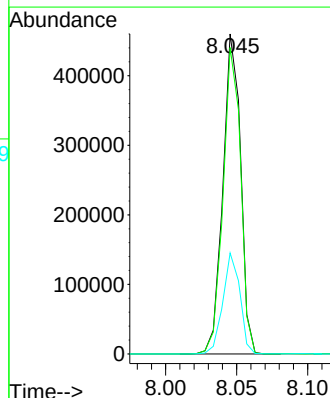
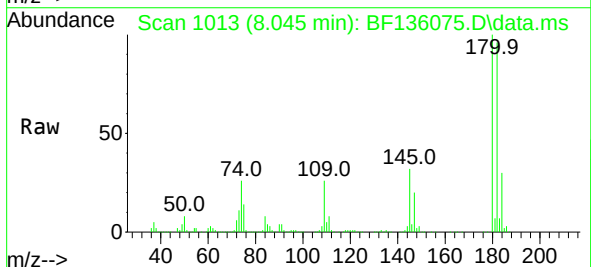
RT: 8.045 min Scan# 1013

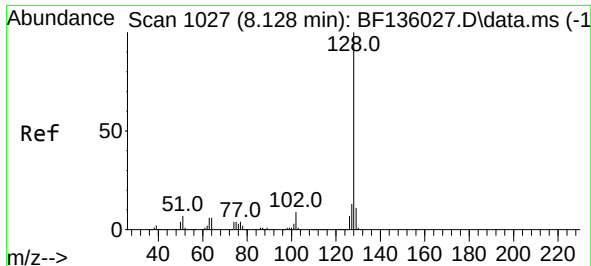
Delta R.T. 0.000 min

Lab File: BF136075.D

Acq: 01 Nov 2023 14:26

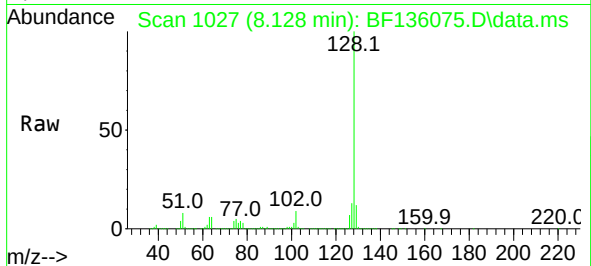
Tgt Ion:	180	Resp:	397638
Ion Ratio	Lower	Upper	
180	100		
182	95.7	76.9	115.3
145	31.5	24.7	37.1





#31
Naphthalene
Concen: 48.744 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26

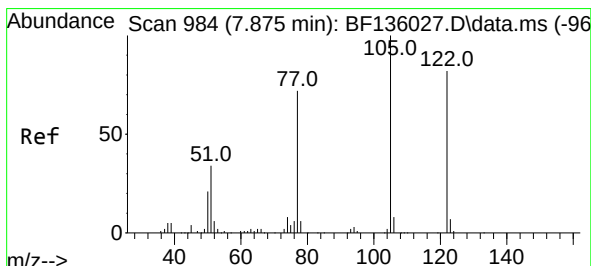
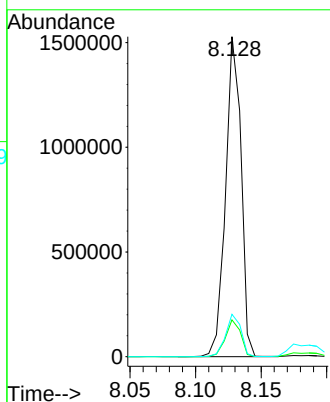
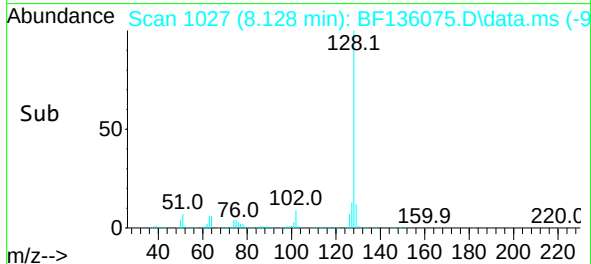
Instrument :
BNA_F
ClientSampleId :
WC-1MS



Tgt Ion:128 Resp: 125349
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 13.3 10.5 15.7

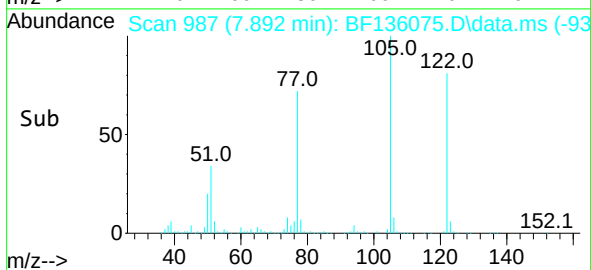
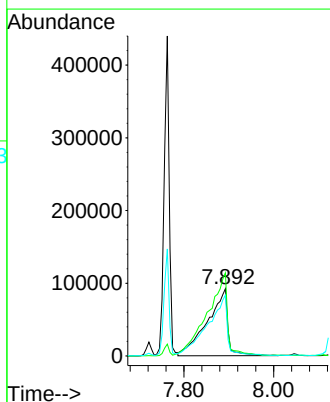
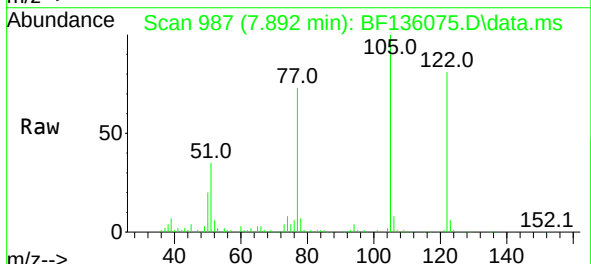
Manual Integrations
APPROVED

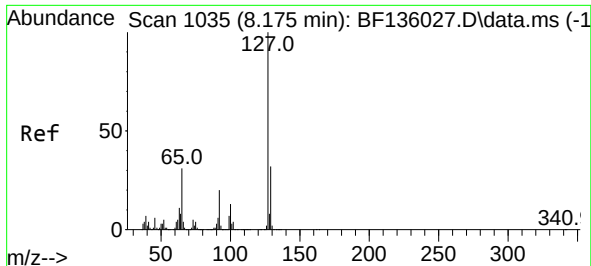
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#32
Benzoic acid
Concen: 47.450 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.017 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26

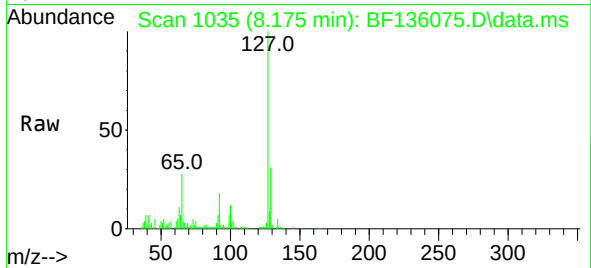
Tgt Ion:122 Resp: 292847
Ion Ratio Lower Upper
122 100
105 123.5 99.5 139.5
77 90.4 66.8 106.8





#33
4-Chloroaniline
Concen: 9.113 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26

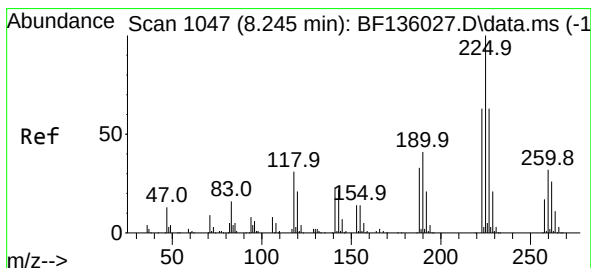
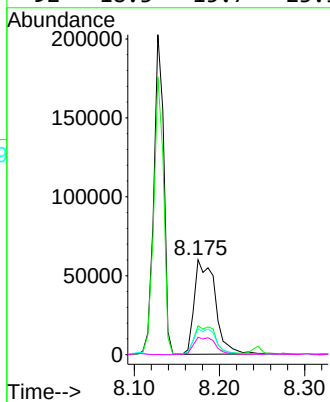
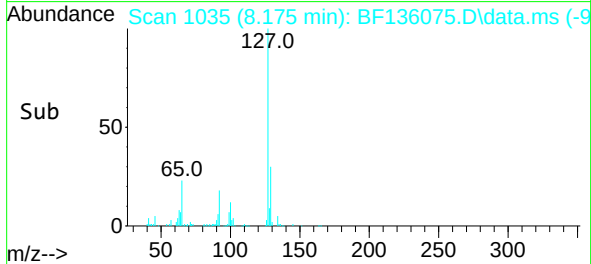
Instrument :
BNA_F
ClientSampleId :
WC-1MS



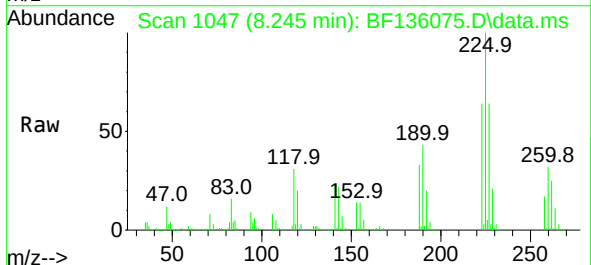
Tgt Ion:127 Resp: 102628
Ion Ratio Lower Upper
127 100
129 30.5 25.9 38.9
65 27.5 24.6 37.0
92 18.3 15.7 23.5

Manual Integrations
APPROVED

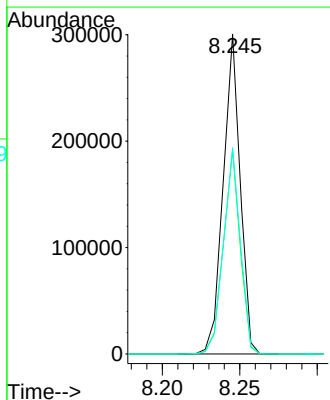
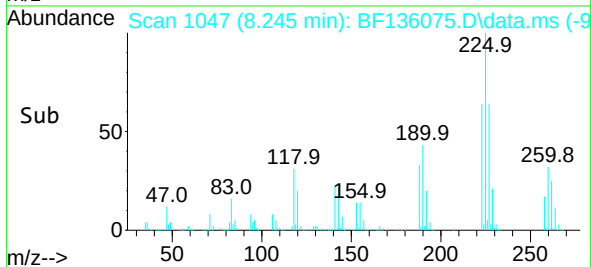
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

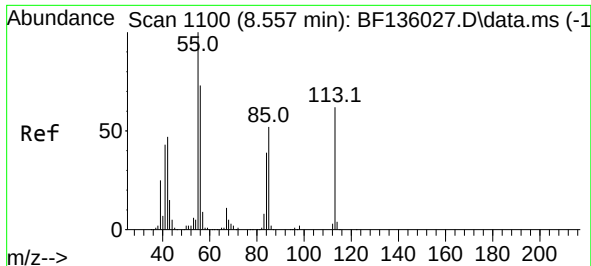


#34
Hexachlorobutadiene
Concen: 50.379 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26



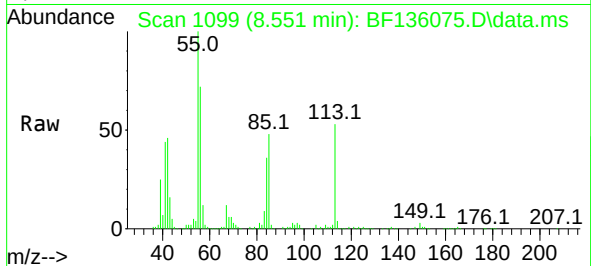
Tgt Ion:225 Resp: 229226
Ion Ratio Lower Upper
225 100
223 63.8 50.3 75.5
227 64.5 50.6 75.8





#35
 Caprolactam
 Concen: 53.725 ng/ml
 RT: 8.551 min Scan# 1099
 Delta R.T. -0.006 min
 Lab File: BF136075.D
 Acq: 01 Nov 2023 14:26

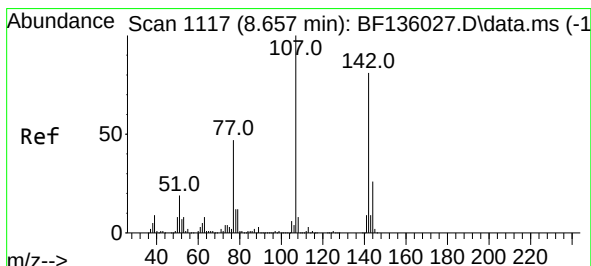
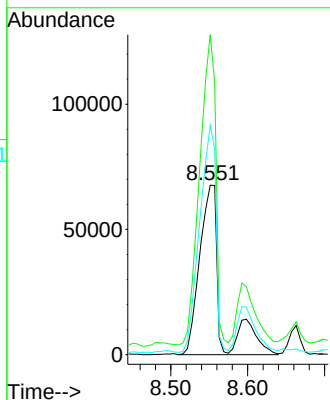
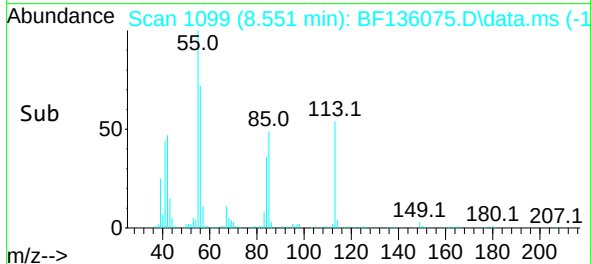
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS



Tgt Ion:113 Resp: 127058
 Ion Ratio Lower Upper
 113 100
 55 188.8 142.2 182.2
 56 135.2 97.7 137.7

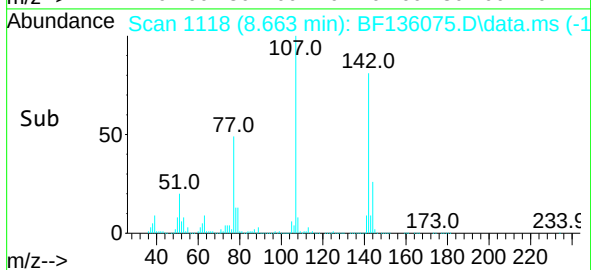
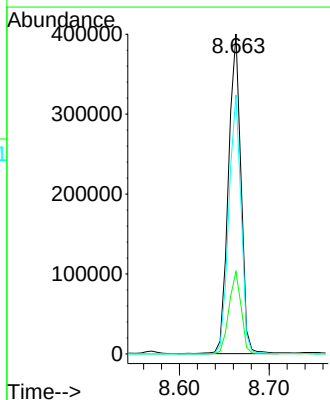
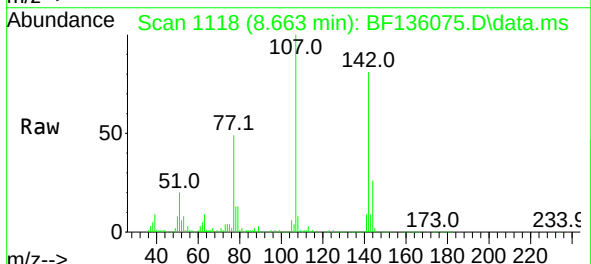
Manual Integrations
 APPROVED

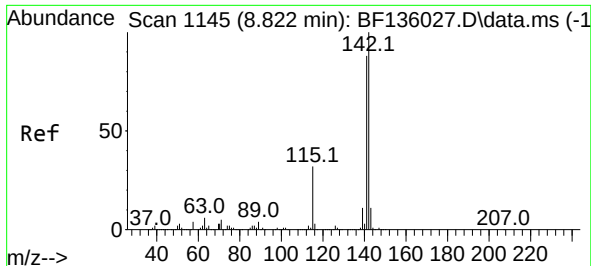
Reviewed By :Yogesh Patel 11/02/2023
 Supervised By :mohammad ahmed 11/02/2023



#36
 4-Chloro-3-methylphenol
 Concen: 50.675 ng/ml
 RT: 8.663 min Scan# 1118
 Delta R.T. 0.006 min
 Lab File: BF136075.D
 Acq: 01 Nov 2023 14:26

Tgt Ion:107 Resp: 386934
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.6 31.0
 142 81.0 64.6 97.0





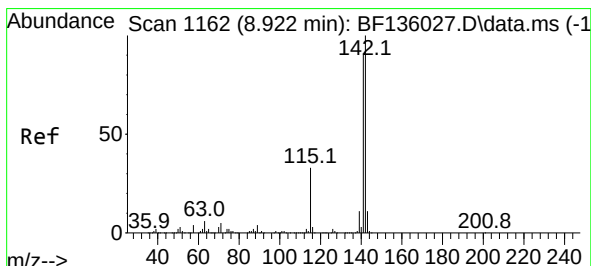
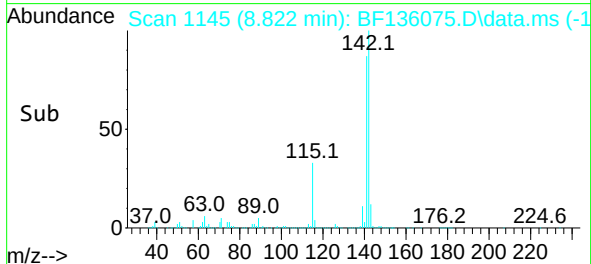
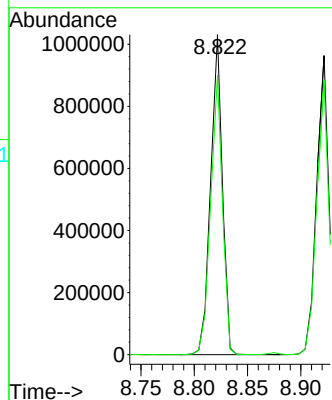
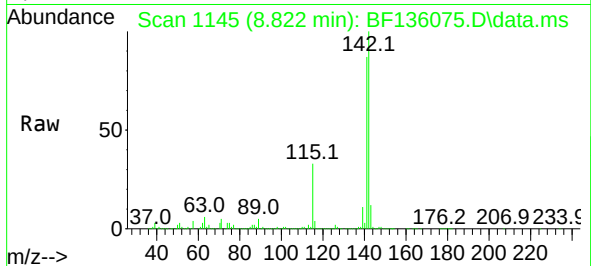
#37
2-Methylnaphthalene
Concen: 46.137 ng
RT: 8.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:142 Resp: 795544
Ion Ratio Lower Upper
142 100
141 87.3 70.4 105.6

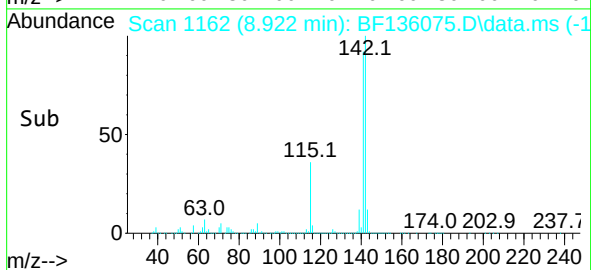
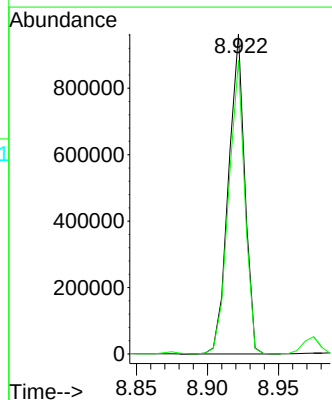
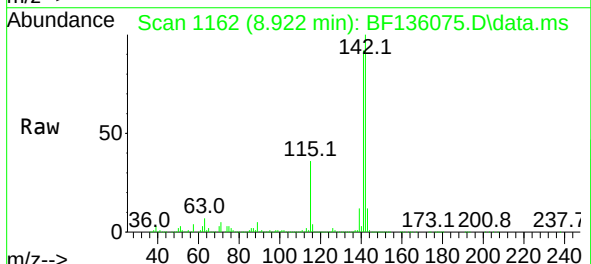
Manual Integrations
APPROVED

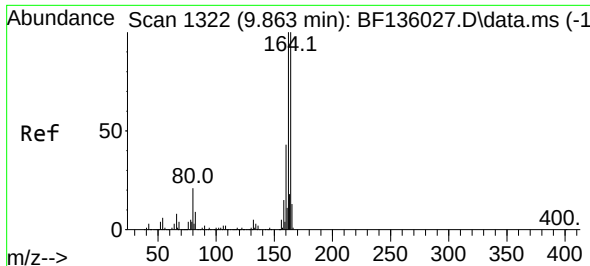
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#38
1-Methylnaphthalene
Concen: 47.906 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26

Tgt Ion:142 Resp: 768724
Ion Ratio Lower Upper
142 100
141 91.7 72.6 109.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1132
Delta R.T. 0.006 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26

Instrument :

BNA_F

ClientSampleId :

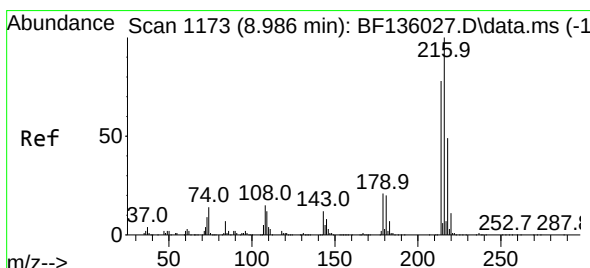
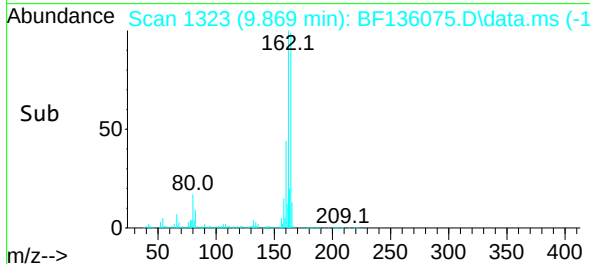
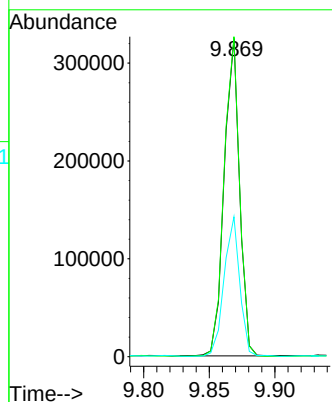
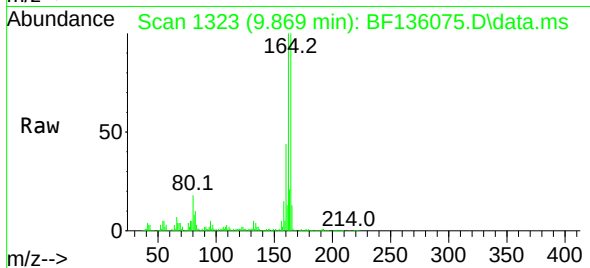
WC-1MS

Tgt Ion:164 Resp: 264050
Ion Ratio Lower Upper
164 100
162 100.5 80.1 120.1
160 43.9 34.8 52.2

Manual Integrations

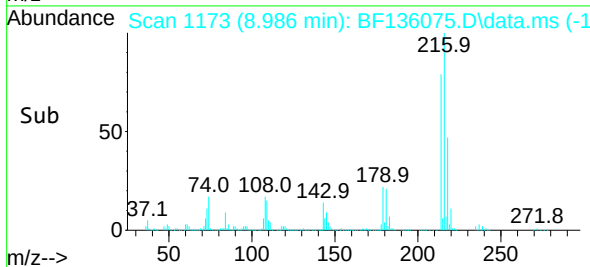
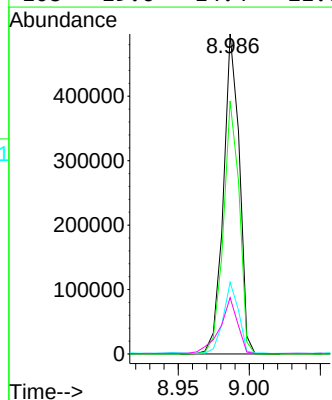
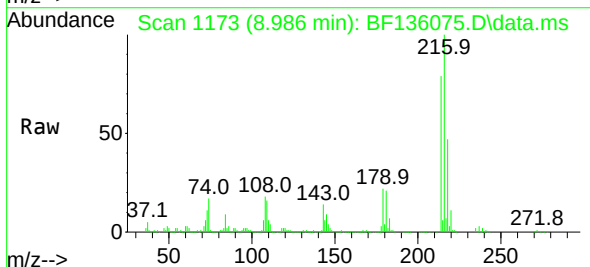
APPROVED

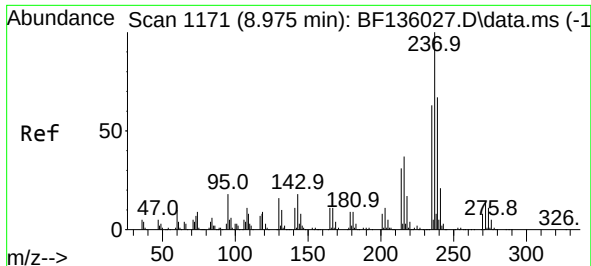
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.294 ng
RT: 8.986 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26

Tgt Ion:216 Resp: 386276
Ion Ratio Lower Upper
216 100
214 78.5 63.8 95.6
179 21.5 17.5 26.3
108 19.6 14.4 21.6





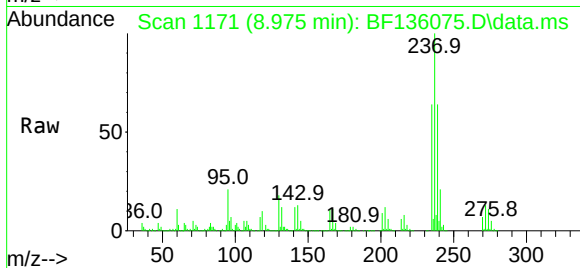
#41
Hexachlorocyclopentadiene
Concen: 86.226 ng
RT: 8.975 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26

Instrument :

BNA_F

ClientSampleId :

WC-1MS

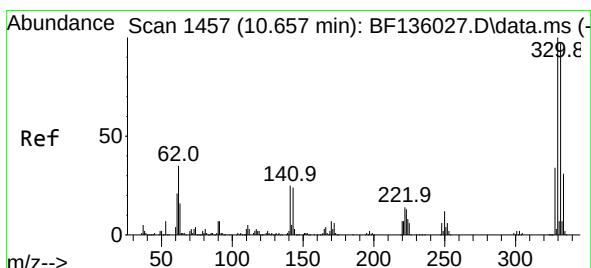
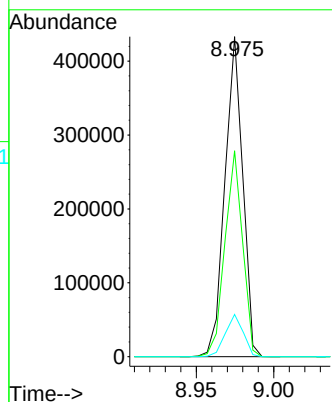
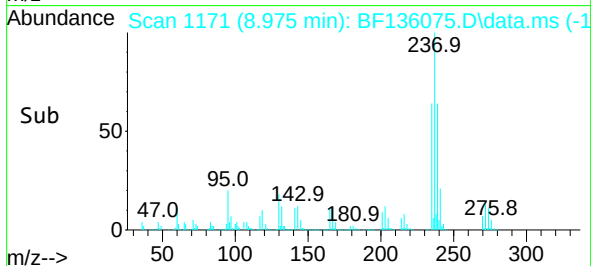


Tgt Ion:237 Resp: 346908
Ion Ratio Lower Upper
237 100
235 64.4 43.3 83.3
272 13.2 0.0 34.2

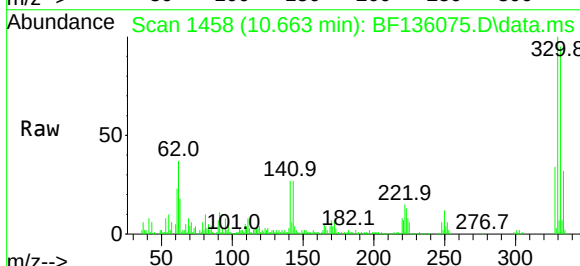
Manual Integrations

APPROVED

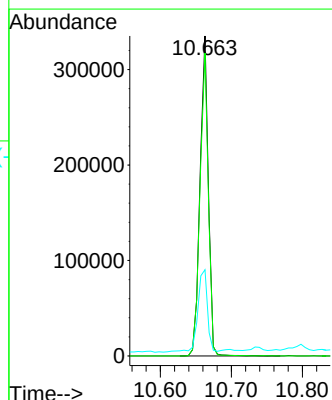
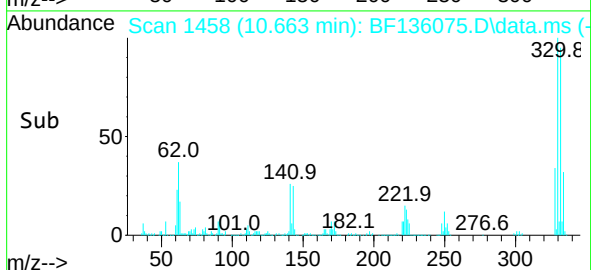
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

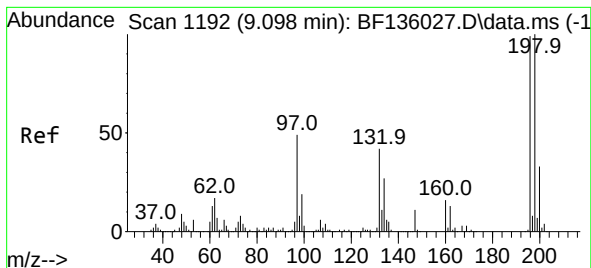


#42
2,4,6-Tribromophenol
Concen: 97.098 ng
RT: 10.663 min Scan# 1458
Delta R.T. 0.006 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26



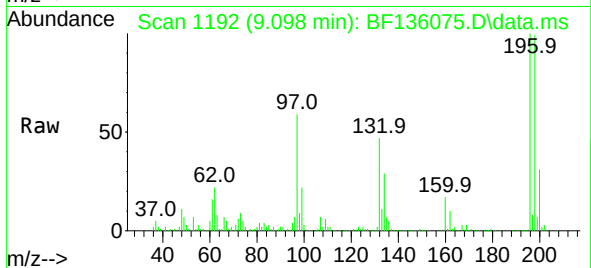
Tgt Ion:330 Resp: 273668
Ion Ratio Lower Upper
330 100
332 95.5 76.9 115.3
141 29.9 23.2 34.8





#43
2,4,6-Trichlorophenol
Concen: 52.342 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26

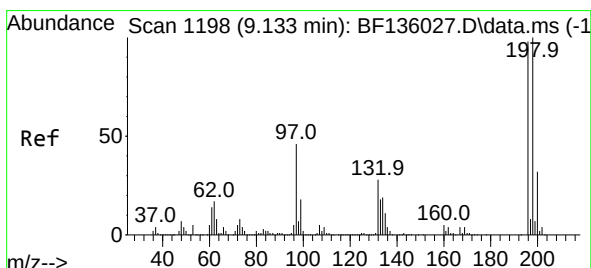
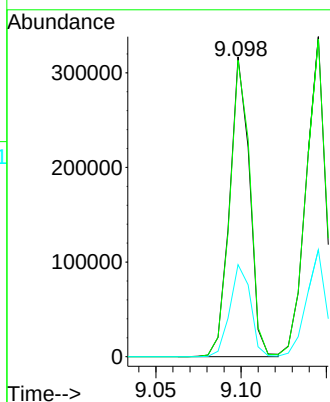
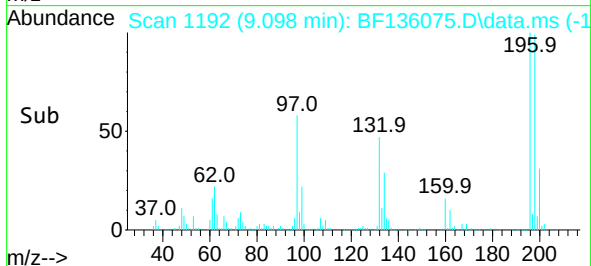
Instrument :
BNA_F
ClientSampleId :
WC-1MS



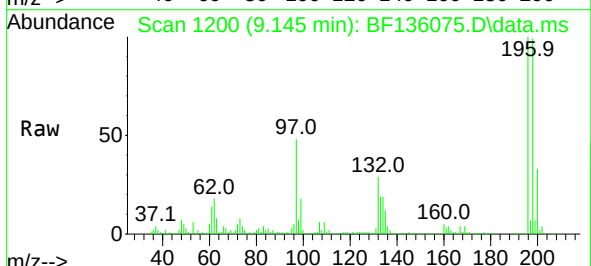
Tgt Ion:196 Resp: 257000
Ion Ratio Lower Upper
196 100
198 98.9 80.7 121.1
200 30.7 26.8 40.2

Manual Integrations
APPROVED

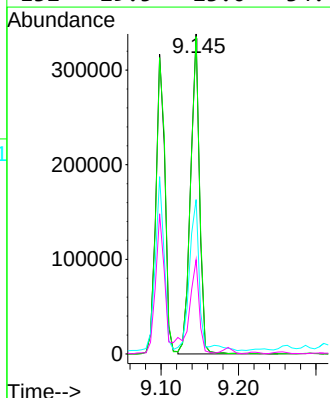
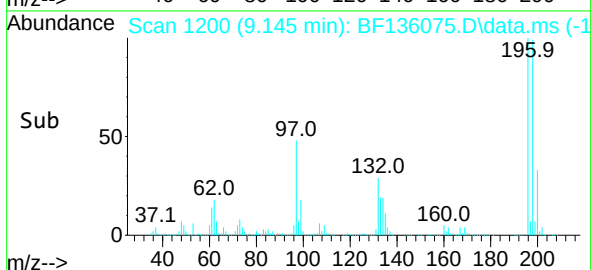
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

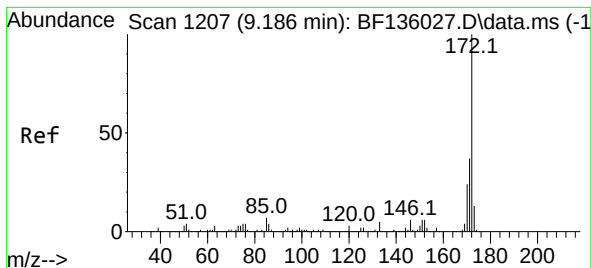


#44
2,4,5-Trichlorophenol
Concen: 47.641 ng
RT: 9.145 min Scan# 1200
Delta R.T. 0.012 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26



Tgt Ion:196 Resp: 270968
Ion Ratio Lower Upper
196 100
198 99.2 81.6 122.4
97 48.3 38.2 57.2
132 29.5 23.0 34.4





#45

2-Fluorobiphenyl

Concen: 65.158 ng

RT: 9.186 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF136075.D

Acq: 01 Nov 2023 14:26

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:172 Resp: 107930

Ion Ratio Lower Upper

172 100

171 36.0 29.4 44.0

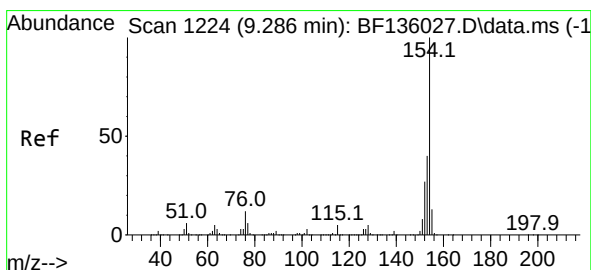
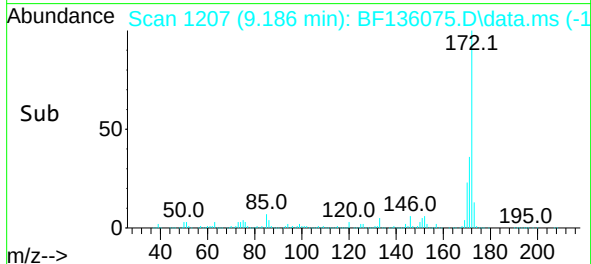
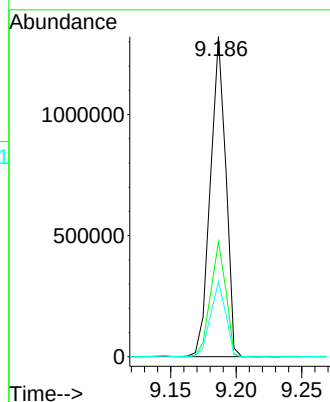
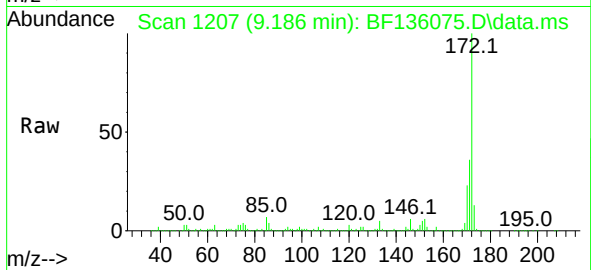
170 23.4 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#46

1,1'-Biphenyl

Concen: 50.548 ng

RT: 9.286 min Scan# 1224

Delta R.T. 0.000 min

Lab File: BF136075.D

Acq: 01 Nov 2023 14:26

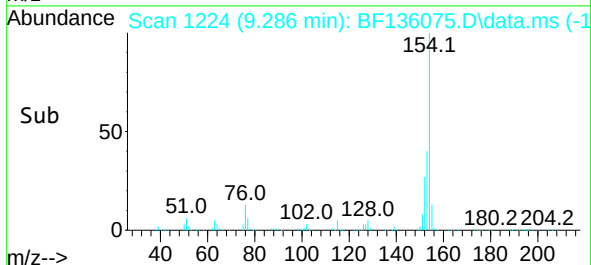
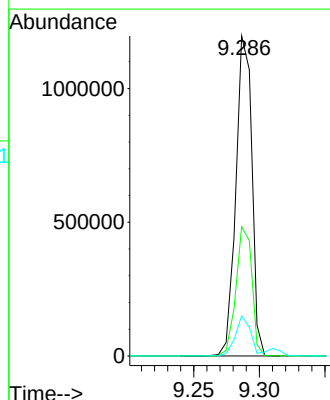
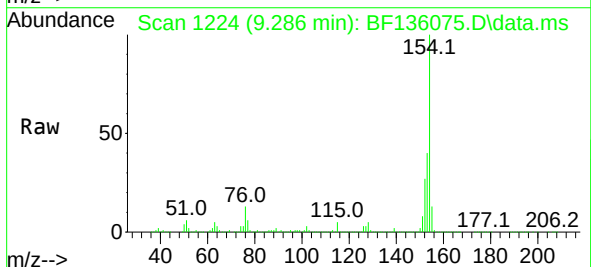
Tgt Ion:154 Resp: 1017505

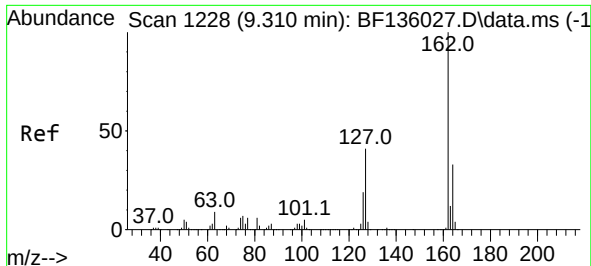
Ion Ratio Lower Upper

154 100

153 40.3 20.1 60.1

76 12.6 0.0 32.5





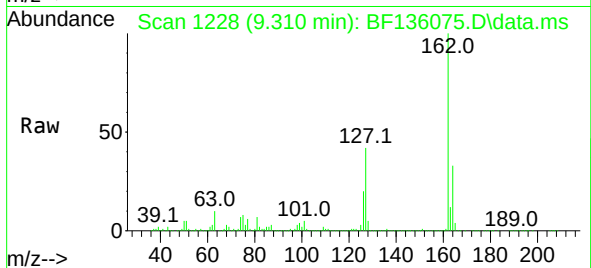
#47
2-Chloronaphthalene
Concen: 51.323 ng
RT: 9.310 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26

Instrument :

BNA_F

ClientSampleId :

WC-1MS

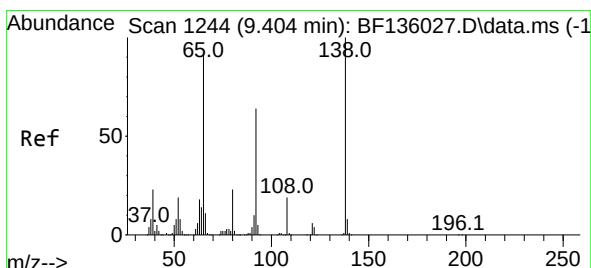
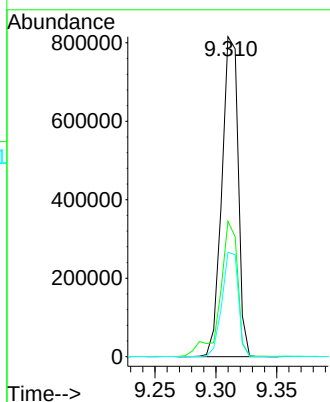
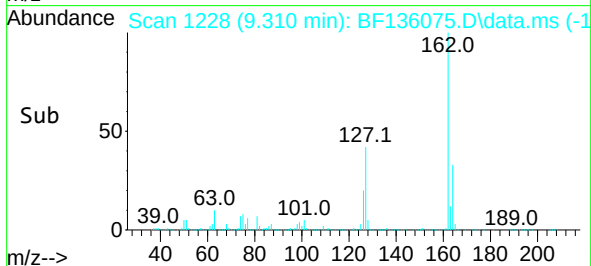


Tgt Ion:162 Resp: 761599
Ion Ratio Lower Upper
162 100
127 42.3 32.4 48.6
164 32.6 26.7 40.1

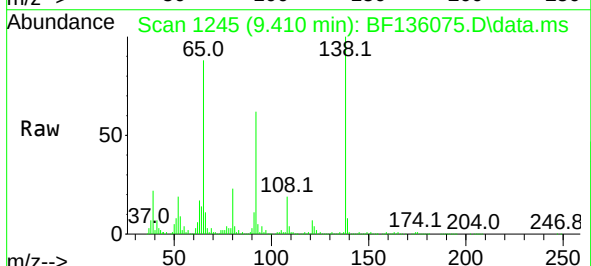
Manual Integrations

APPROVED

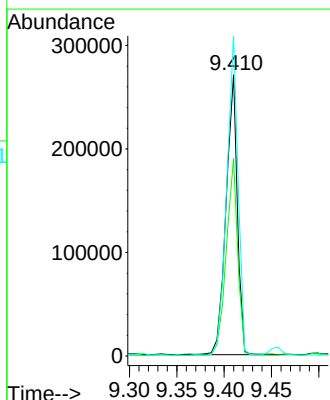
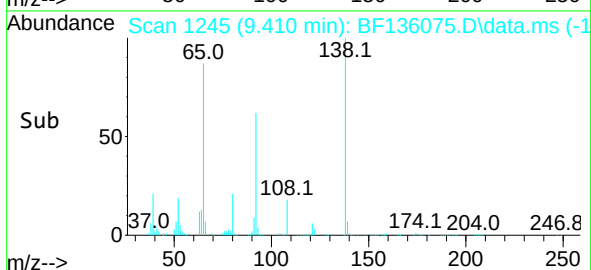
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

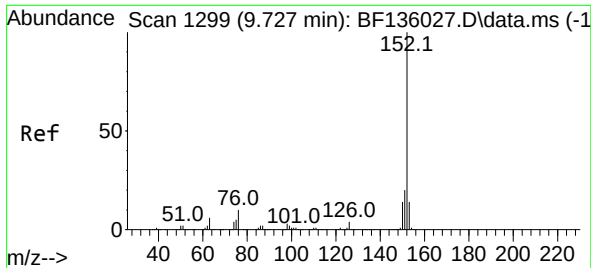


#48
2-Nitroaniline
Concen: 51.447 ng
RT: 9.410 min Scan# 1245
Delta R.T. 0.006 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26



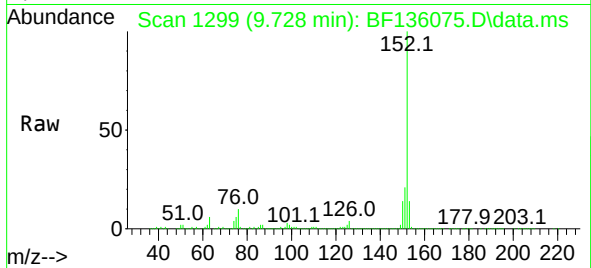
Tgt Ion: 65 Resp: 225939
Ion Ratio Lower Upper
65 100
92 70.2 55.7 83.5
138 113.8 86.8 130.2





#49
Acenaphthylene
Concen: 50.561 ng
RT: 9.728 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26

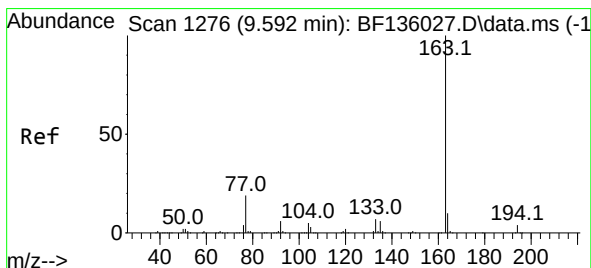
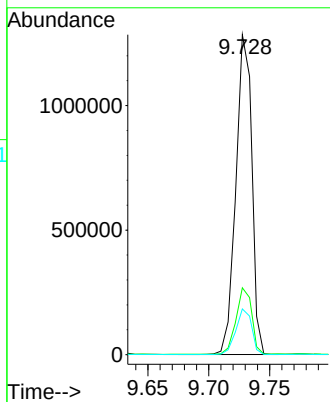
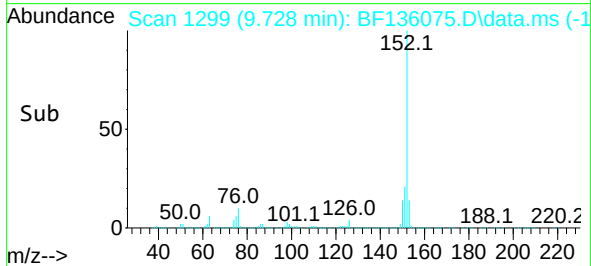
Instrument :
BNA_F
ClientSampleId :
WC-1MS



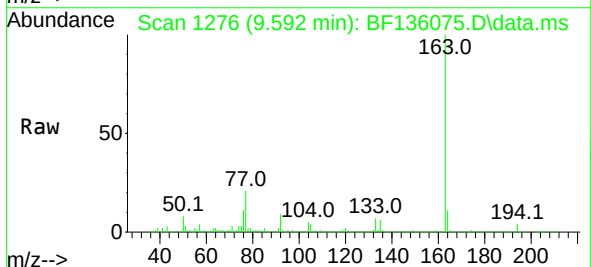
Tgt Ion:152 Resp: 1170474
Ion Ratio Lower Upper
152 100
151 20.9 16.1 24.1
153 14.3 11.4 17.2

Manual Integrations
APPROVED

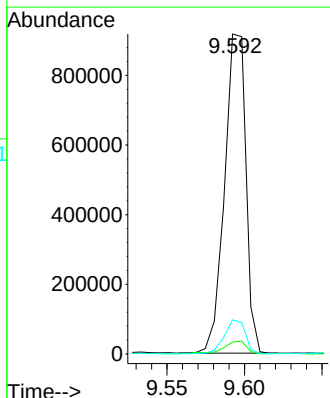
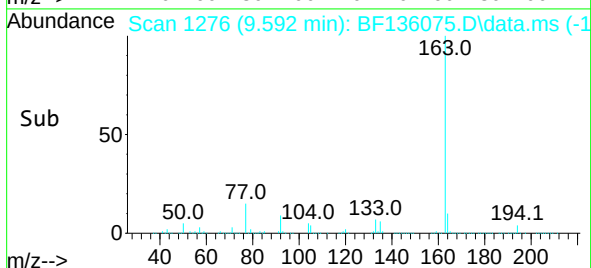
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

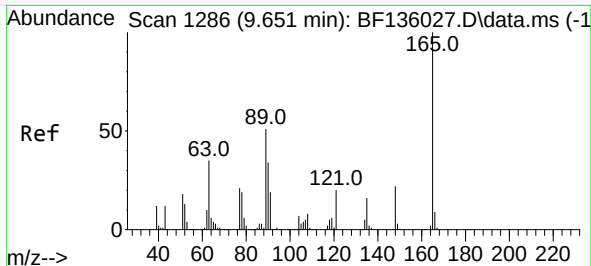


#50
Dimethylphthalate
Concen: 50.490 ng
RT: 9.592 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26



Tgt Ion:163 Resp: 879410
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.6 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 52.906 ng

RT: 9.657 min Scan# 1286

Delta R.T. 0.006 min

Lab File: BF136075.D

Acq: 01 Nov 2023 14:26

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:165 Resp: 197088

Ion Ratio Lower Upper

165 100

63 47.1 40.8 61.2

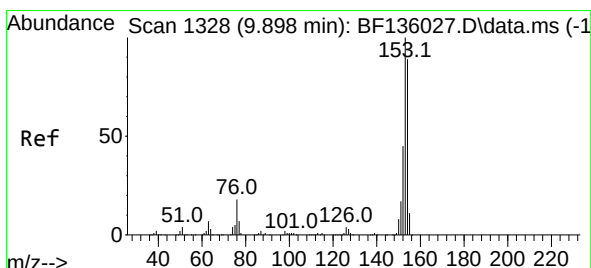
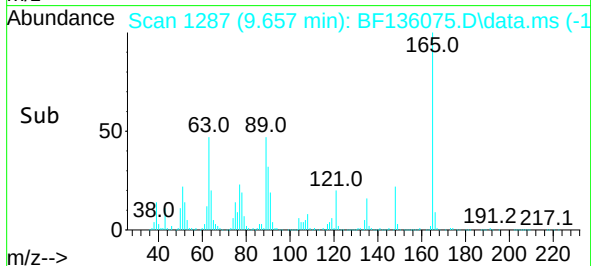
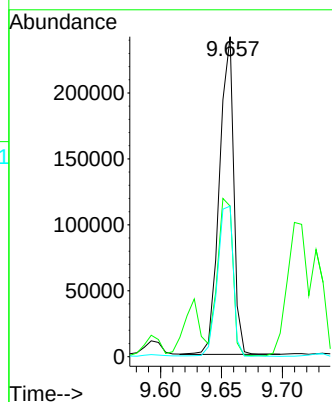
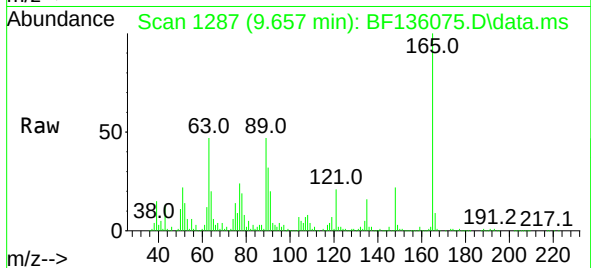
89 47.0 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#52

Acenaphthene

Concen: 49.199 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.006 min

Lab File: BF136075.D

Acq: 01 Nov 2023 14:26

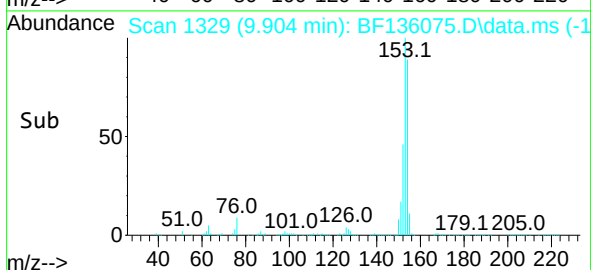
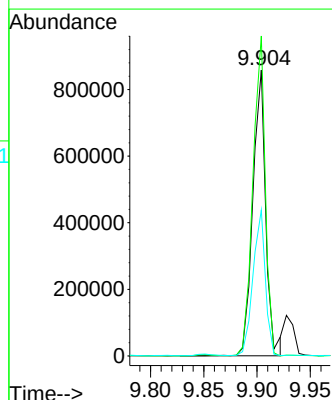
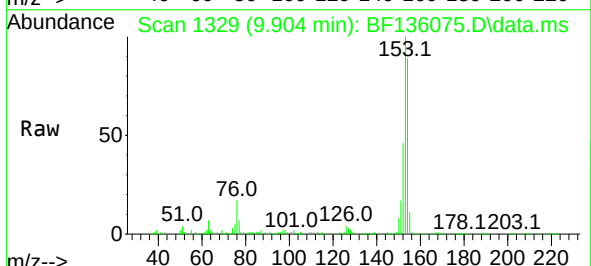
Tgt Ion:154 Resp: 724032

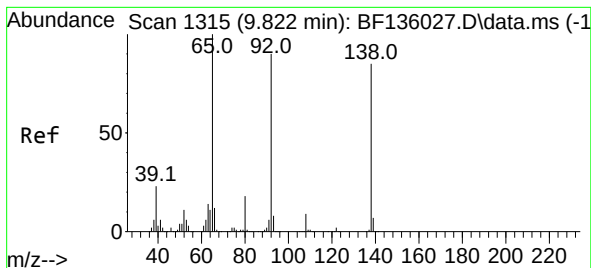
Ion Ratio Lower Upper

154 100

153 111.9 89.9 134.9

152 51.0 40.2 60.2





#53

3-Nitroaniline

Concen: 34.297 ng

RT: 9.822 min Scan# 1315

Delta R.T. 0.000 min

Lab File: BF136075.D

Acq: 01 Nov 2023 14:26

Instrument :

BNA_F

ClientSampleId :

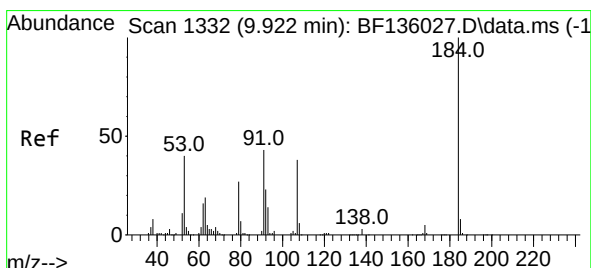
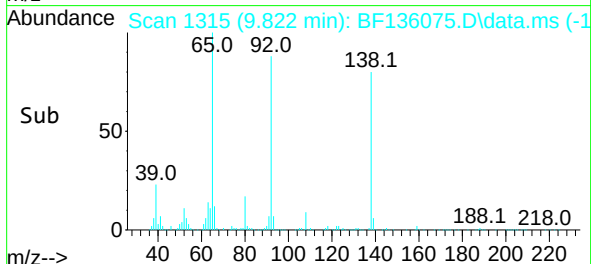
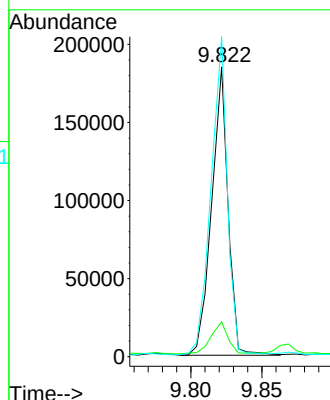
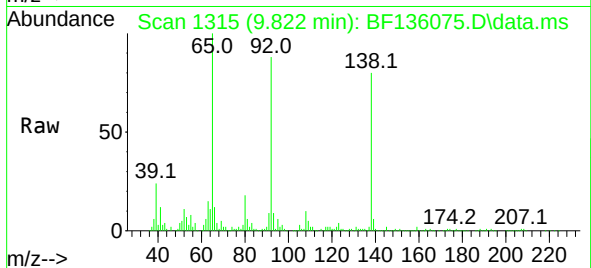
WC-1MS

Tgt Ion:138 Resp: 149079
 Ion Ratio Lower Upper
 138 100
 108 12.0 8.8 13.2
 92 110.4 84.6 126.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023
 Supervised By :mohammad ahmed 11/02/2023



#54

2,4-Dinitrophenol

Concen: 79.295 ng

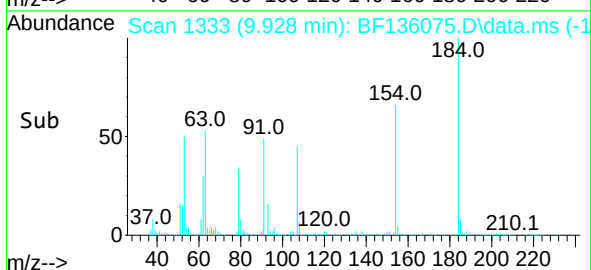
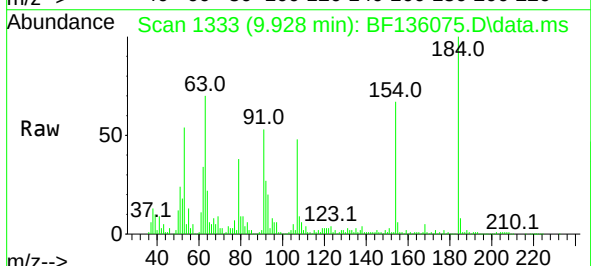
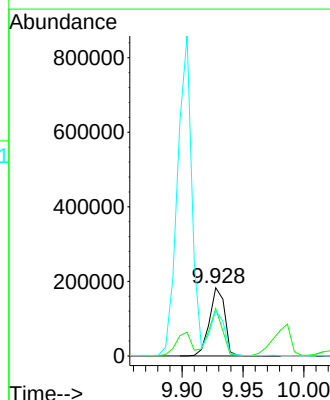
RT: 9.928 min Scan# 1333

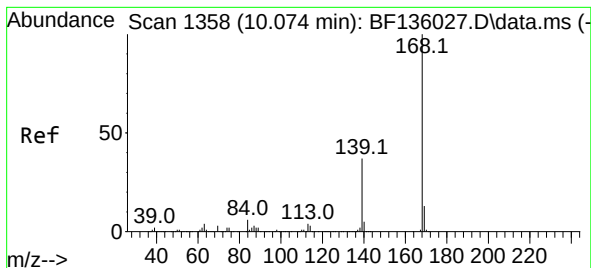
Delta R.T. 0.006 min

Lab File: BF136075.D

Acq: 01 Nov 2023 14:26

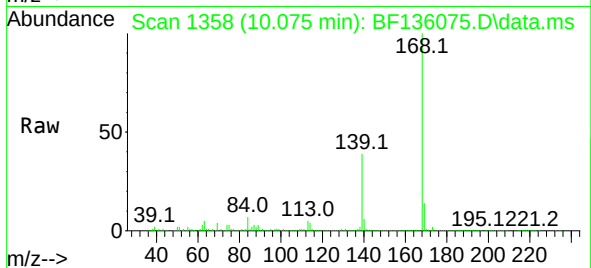
Tgt Ion:184 Resp: 159938
 Ion Ratio Lower Upper
 184 100
 63 69.5 43.7 65.5#
 154 66.8 51.2 76.8





#55
Dibenzenofuran
Concen: 47.755 ng
RT: 10.075 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26

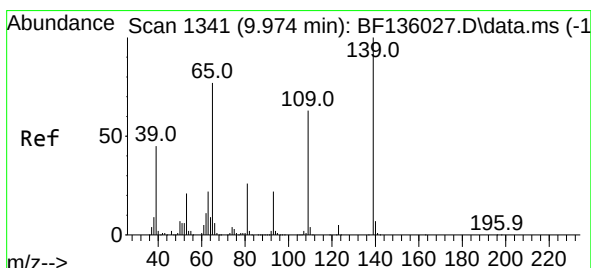
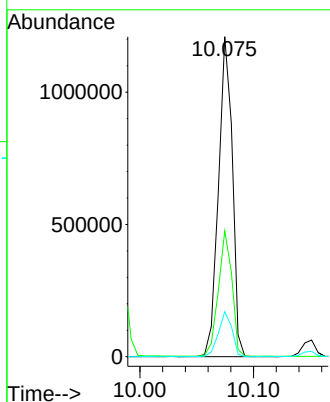
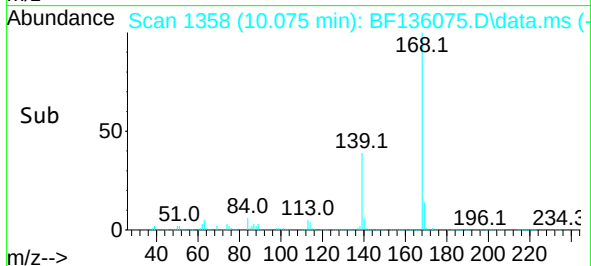
Instrument :
BNA_F
ClientSampleId :
WC-1MS



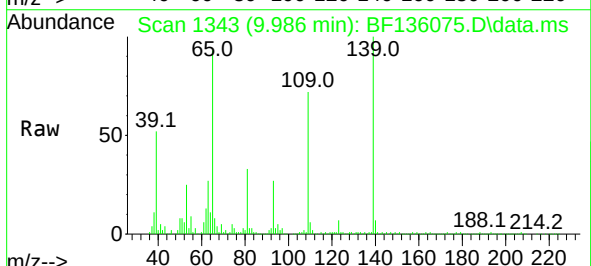
Tgt Ion:168 Resp: 1024760
Ion Ratio Lower Upper
168 100
139 39.3 29.4 44.0
169 14.1 10.5 15.7

Manual Integrations
APPROVED

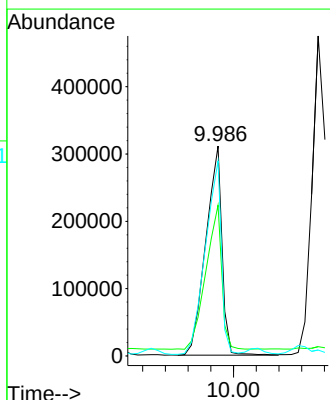
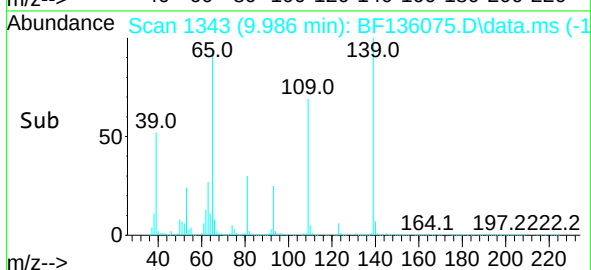
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

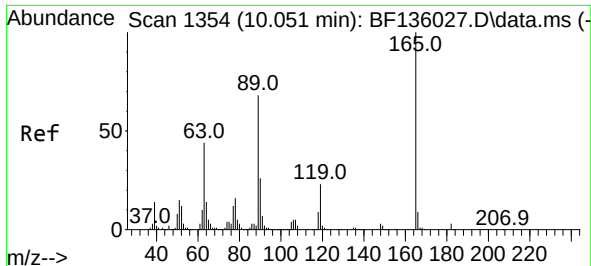


#56
4-Nitrophenol
Concen: 94.370 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.012 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26



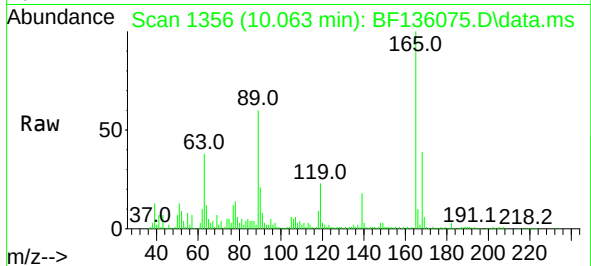
Tgt Ion:139 Resp: 306834
Ion Ratio Lower Upper
139 100
109 71.8 43.2 83.2
65 92.8 57.6 97.6





#57
2,4-Dinitrotoluene
Concen: 52.419 ng
RT: 10.063 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26

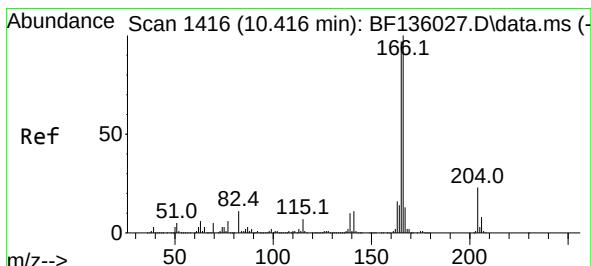
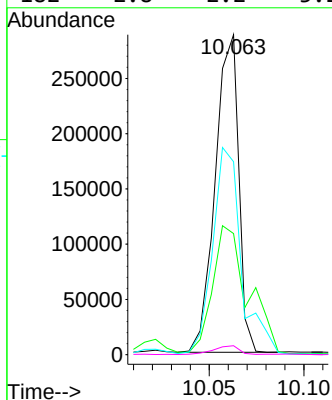
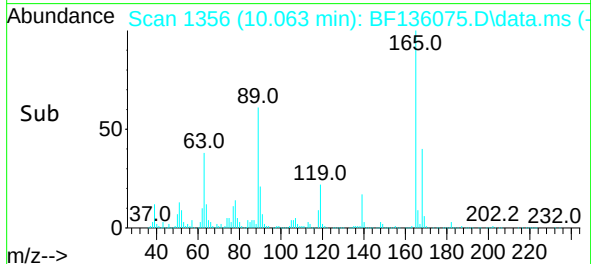
Instrument :
BNA_F
ClientSampleId :
WC-1MS



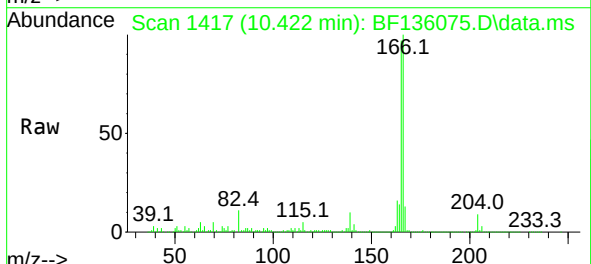
Tgt Ion:165 Resp: 247060
Ion Ratio Lower Upper
165 100
63 37.8 35.2 52.8
89 60.3 54.8 82.2
182 2.8 2.2 3.2

Manual Integrations
APPROVED

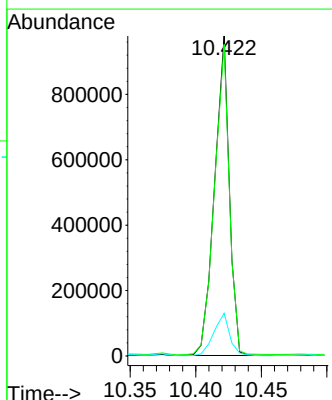
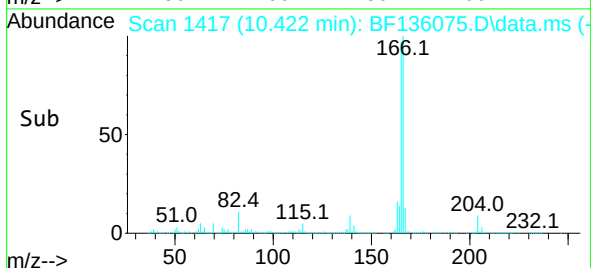
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

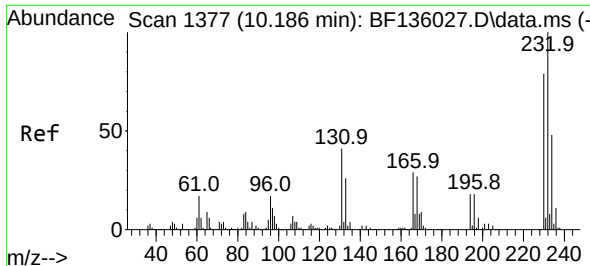


#58
Fluorene
Concen: 47.526 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26



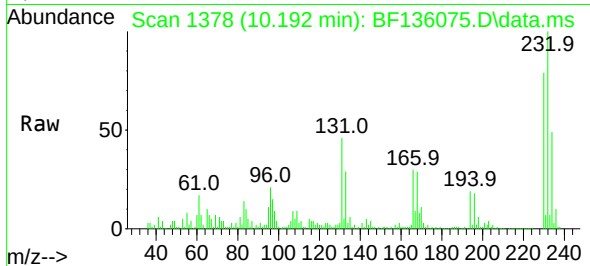
Tgt Ion:166 Resp: 763588
Ion Ratio Lower Upper
166 100
165 97.4 77.7 116.5
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.921 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26

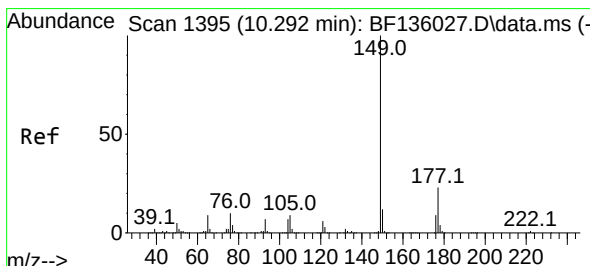
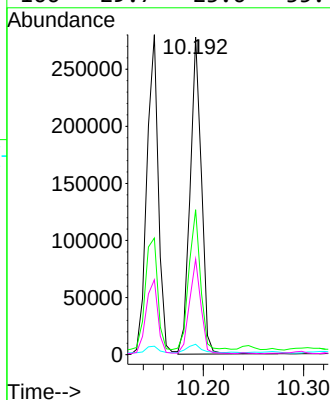
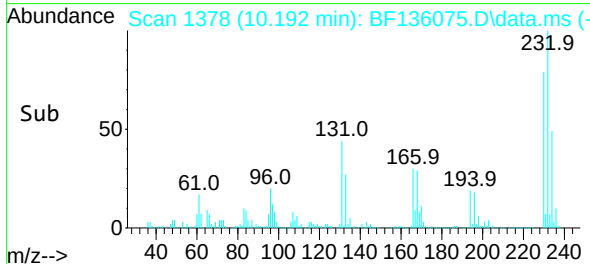
Instrument :
BNA_F
ClientSampleId :
WC-1MS



Tgt Ion:232 Resp: 216690
Ion Ratio Lower Upper
232 100
131 44.7 34.6 52.0
130 3.5 1.6 2.4
166 29.7 23.6 35.4

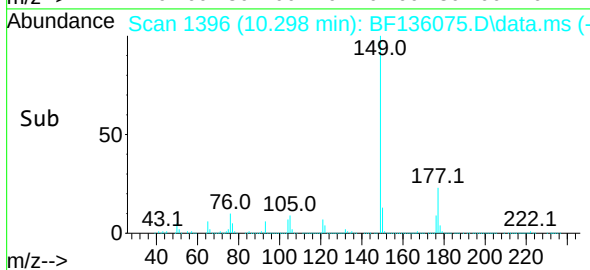
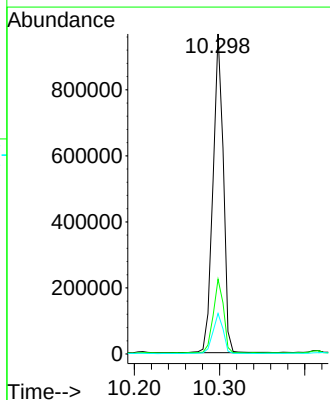
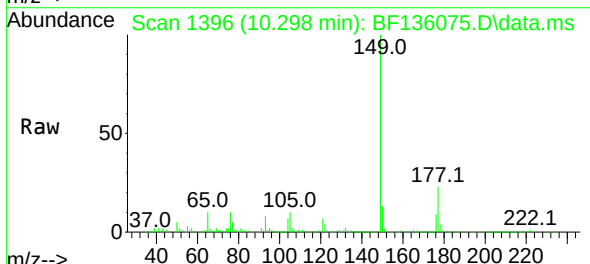
Manual Integrations
APPROVED

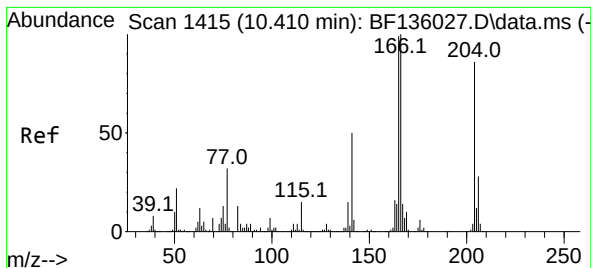
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#60
Diethylphthalate
Concen: 49.159 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26

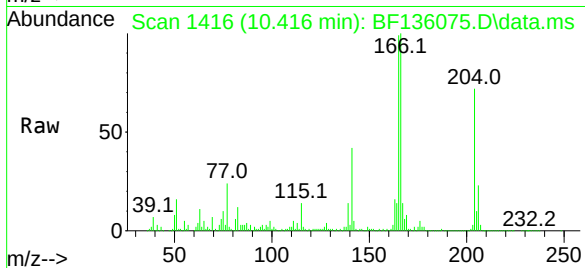
Tgt Ion:149 Resp: 818107
Ion Ratio Lower Upper
149 100
177 23.4 18.2 27.4
150 12.7 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 46.803 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26

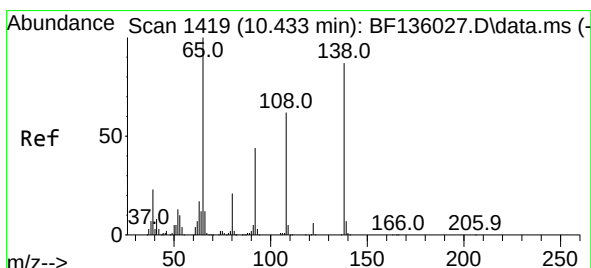
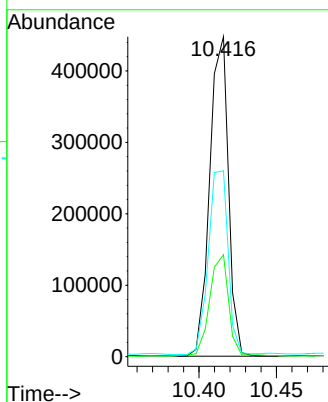
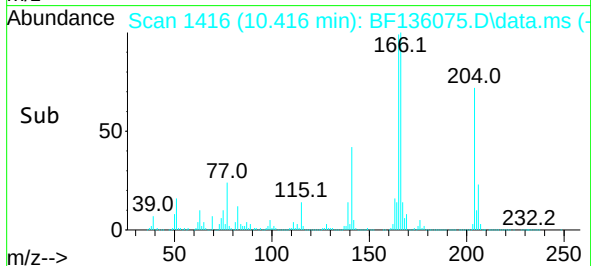
Instrument :
BNA_F
ClientSampleId :
WC-1MS



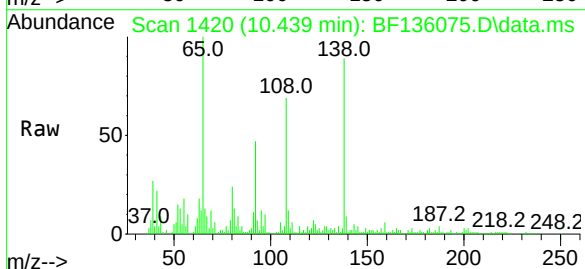
Tgt Ion:204 Resp: 375362
Ion Ratio Lower Upper
204 100
206 31.8 26.6 39.8
141 58.1 46.8 70.2

Manual Integrations
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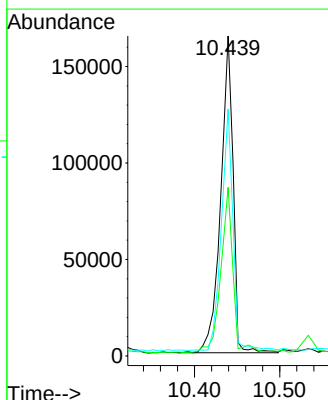
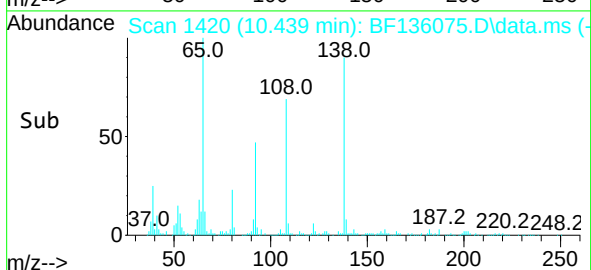
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

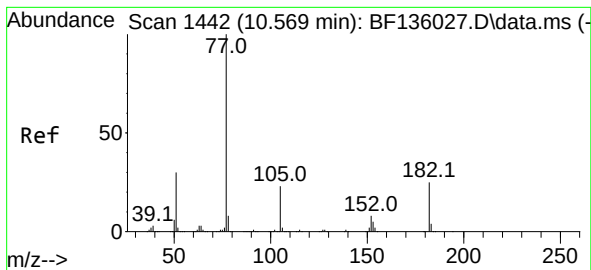


#62
4-Nitroaniline
Concen: 39.677 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26



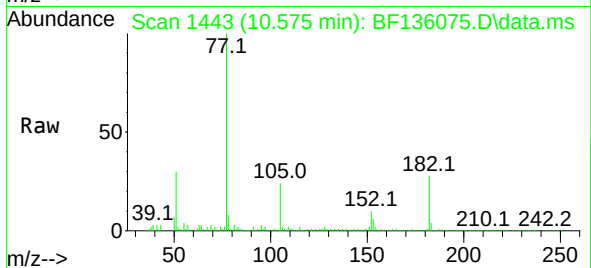
Tgt Ion:138 Resp: 166068
Ion Ratio Lower Upper
138 100
92 52.7 30.6 70.6
108 77.1 51.5 91.5





#63
Azobenzene
Concen: 45.604 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26

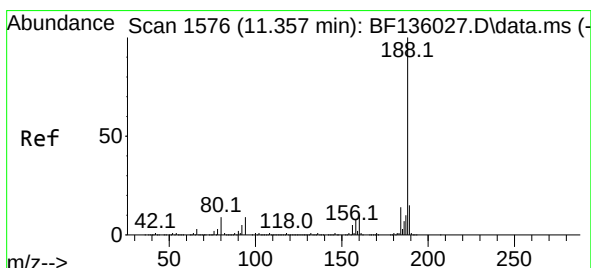
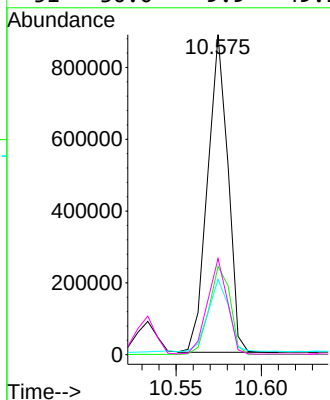
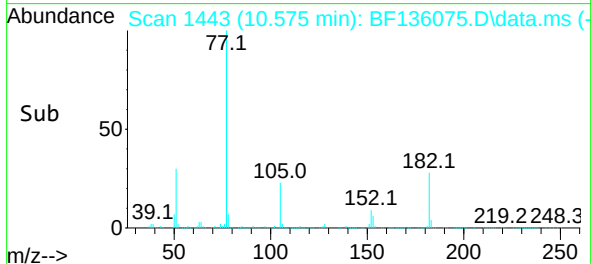
Instrument :
BNA_F
ClientSampleId :
WC-1MS



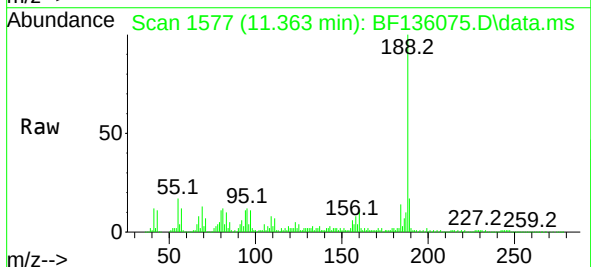
Tgt Ion: 77 Resp: 73090
Ion Ratio Lower Upper
77 100
182 27.6 5.0 45.0
105 23.6 2.6 42.6
51 30.0 9.9 49.9

Manual Integrations
APPROVED

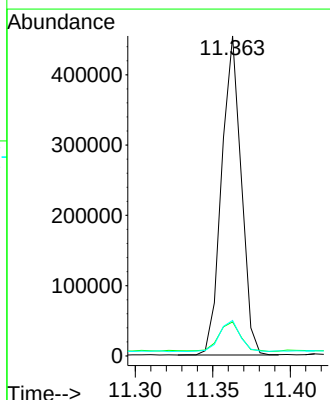
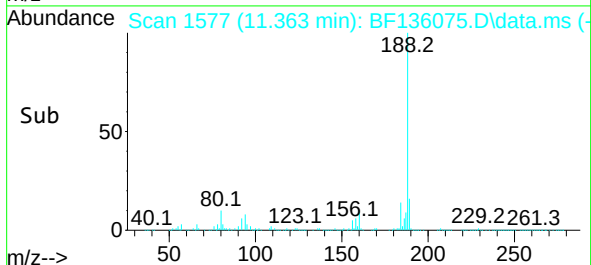
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

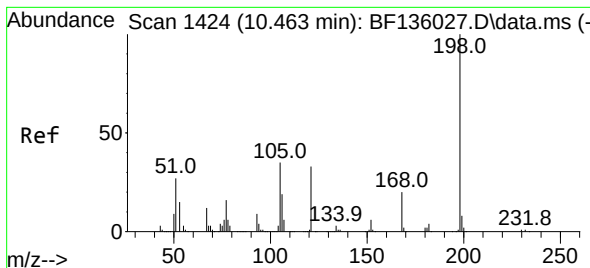


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.006 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26



Tgt Ion:188 Resp: 398408
Ion Ratio Lower Upper
188 100
94 10.7 7.2 10.8
80 11.1 7.4 11.0#





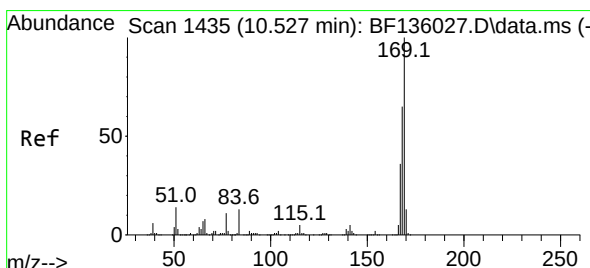
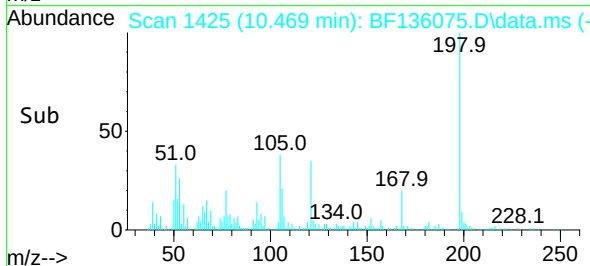
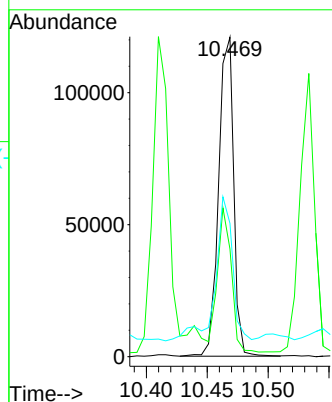
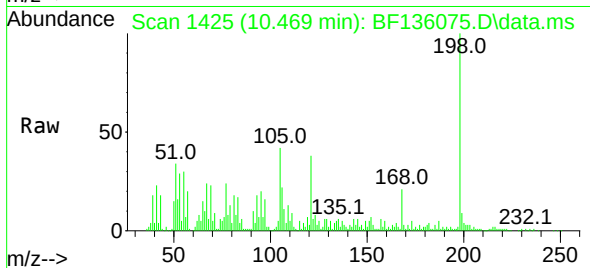
#65
4,6-Dinitro-2-methylphenol
Concen: 47.746 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:198 Resp: 104444
Ion Ratio Lower Upper
198 100
51 33.7 12.9 52.9
105 41.7 16.0 56.0

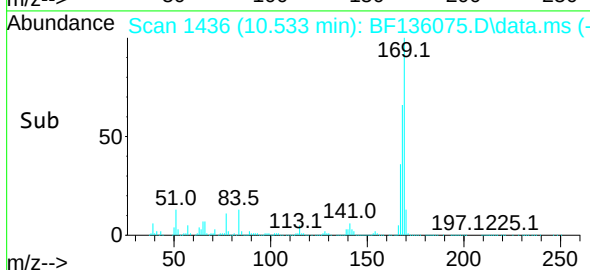
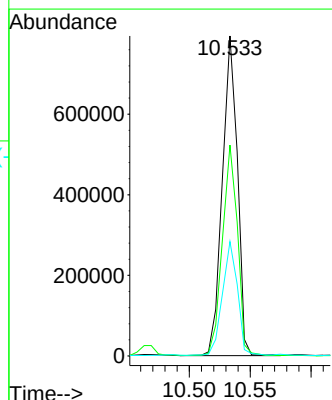
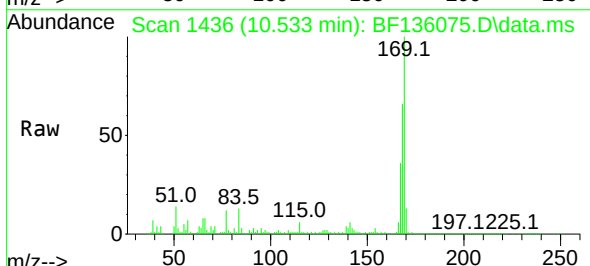
Manual Integrations
APPROVED

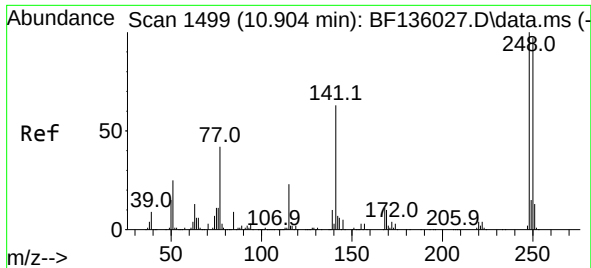
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#66
n-Nitrosodiphenylamine
Concen: 56.931 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26

Tgt Ion:169 Resp: 684223
Ion Ratio Lower Upper
169 100
168 65.9 52.2 78.2
167 35.8 28.7 43.1





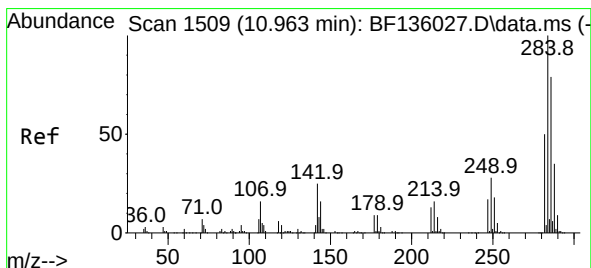
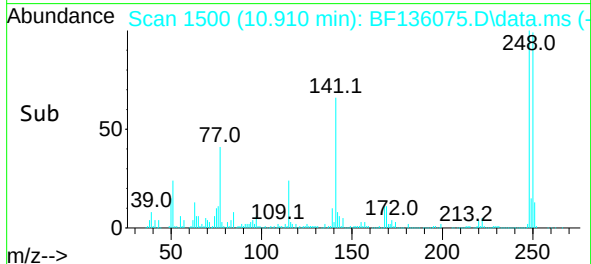
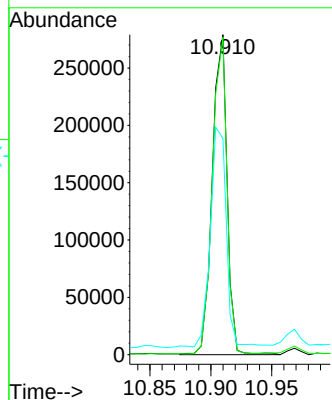
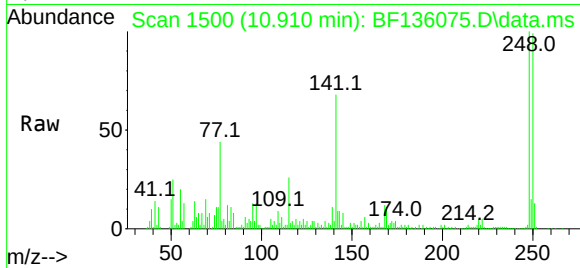
#67
4-Bromophenyl-phenylether
Concen: 56.221 ng
RT: 10.910 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:248 Resp: 23483
Ion Ratio Lower Upper
248 100
250 99.2 77.6 116.4
141 67.6 50.4 75.6

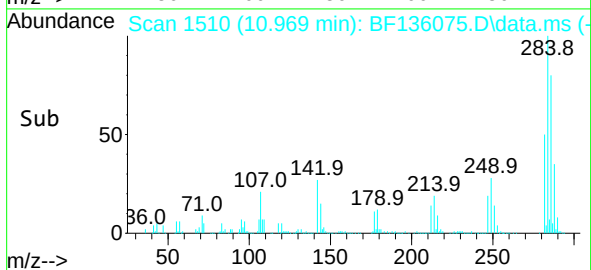
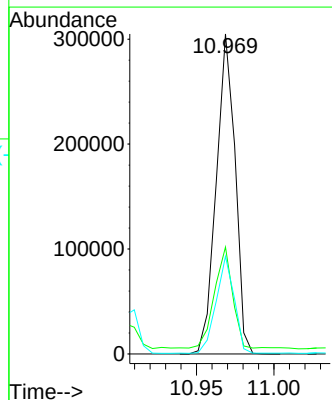
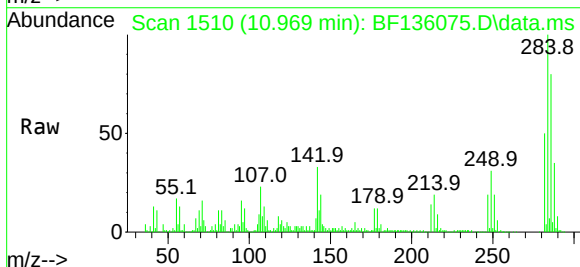
Manual Integrations
APPROVED

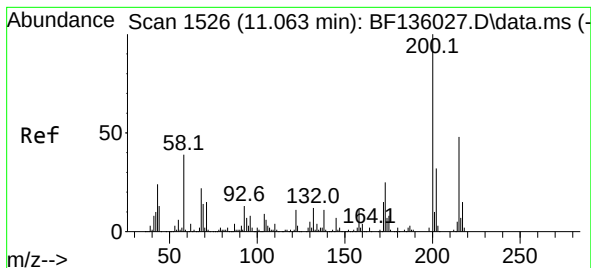
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#68
Hexachlorobenzene
Concen: 57.863 ng
RT: 10.969 min Scan# 1510
Delta R.T. 0.006 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26

Tgt Ion:284 Resp: 258133
Ion Ratio Lower Upper
284 100
142 33.4 20.2 30.4#
249 30.5 22.6 33.8





#69

Atrazine

Concen: 69.216 ng

RT: 11.069 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF136075.D

Acq: 01 Nov 2023 14:26

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:200 Resp: 22633

Ion Ratio Lower Upper

200 100

173 27.8 5.2 45.2

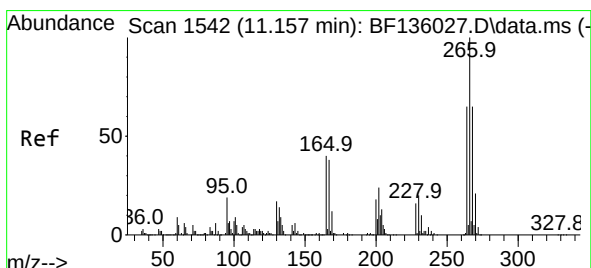
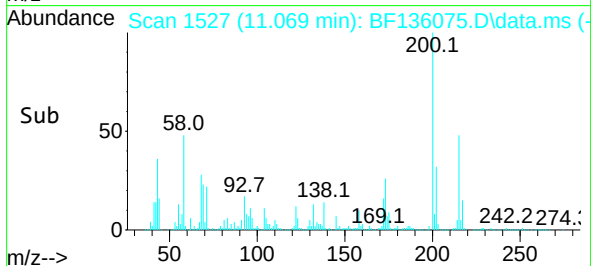
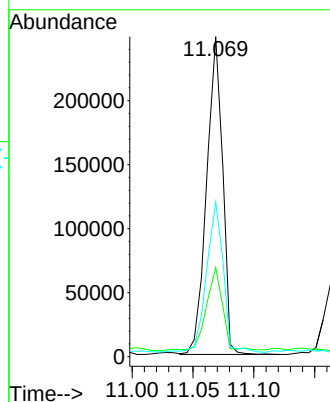
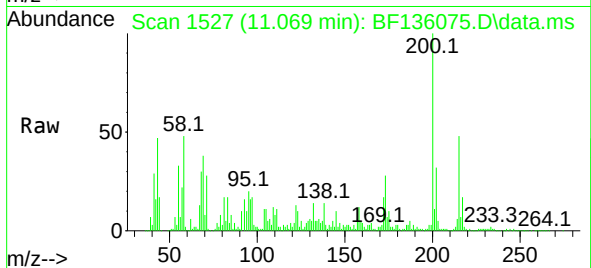
215 48.3 28.4 68.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#70

Pentachlorophenol

Concen: 98.252 ng

RT: 11.169 min Scan# 1544

Delta R.T. 0.012 min

Lab File: BF136075.D

Acq: 01 Nov 2023 14:26

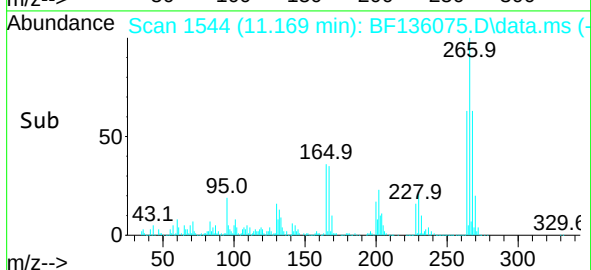
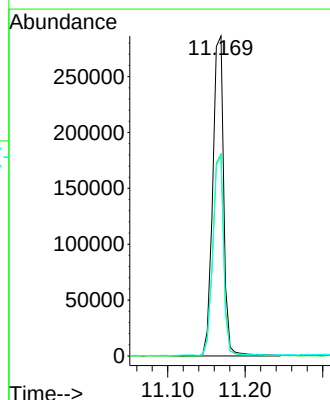
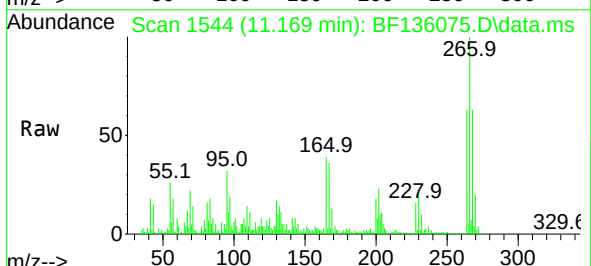
Tgt Ion:266 Resp: 281495

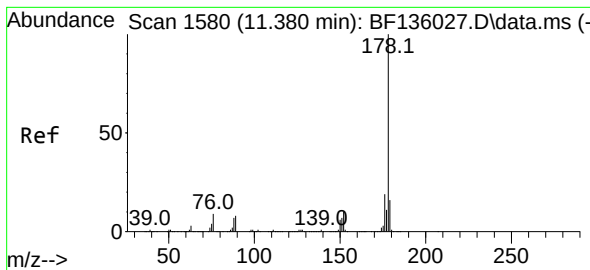
Ion Ratio Lower Upper

266 100

268 63.1 52.2 78.4

264 62.7 52.2 78.4





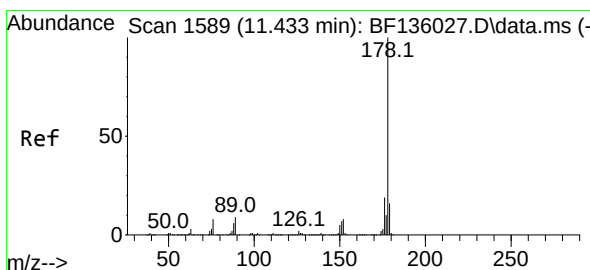
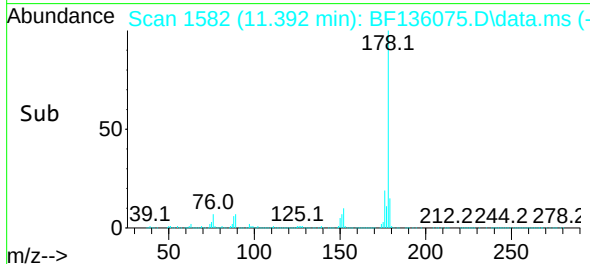
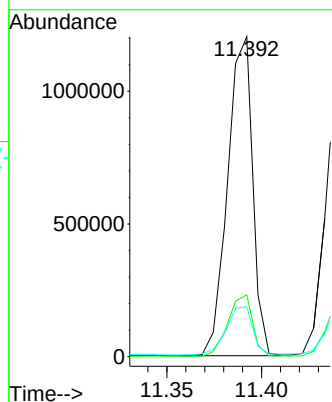
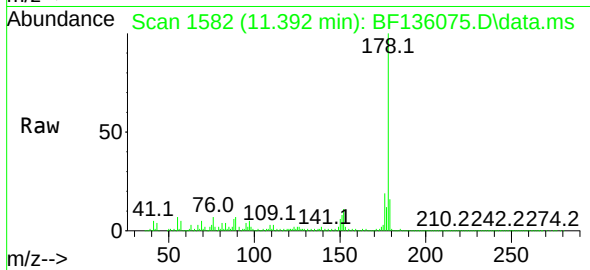
#71
Phenanthrene
Concen: 54.996 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.012 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:178 Resp: 110321
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.6 12.9 19.3

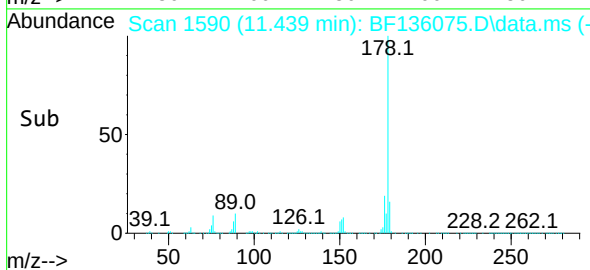
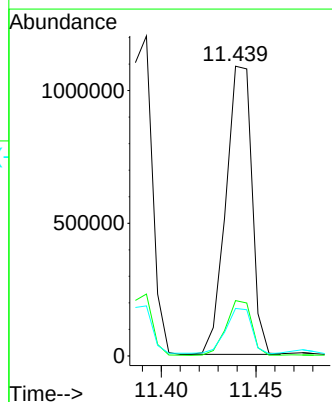
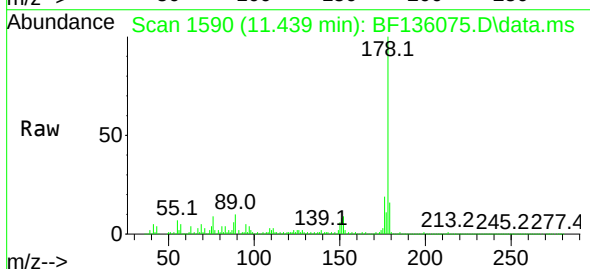
Manual Integrations
APPROVED

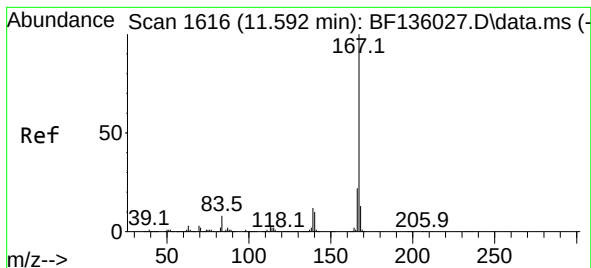
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#72
Anthracene
Concen: 50.496 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.006 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26

Tgt Ion:178 Resp: 1037968
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.4
179 16.4 12.6 18.8





#73

Carbazole

Concen: 47.476 ng

RT: 11.598 min Scan# 1617

Delta R.T. 0.006 min

Lab File: BF136075.D

Acq: 01 Nov 2023 14:26

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:167 Resp: 848040

Ion Ratio Lower Upper

167 100

166 21.7 17.2 25.8

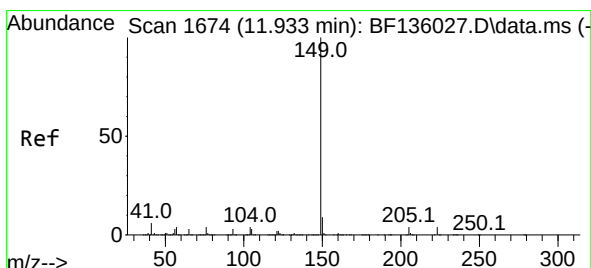
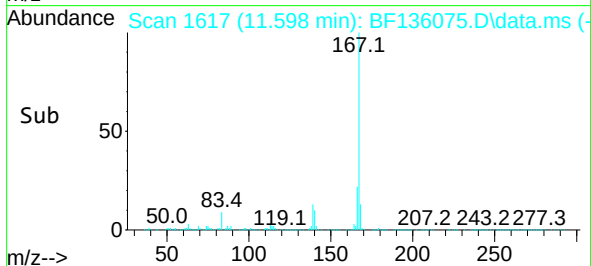
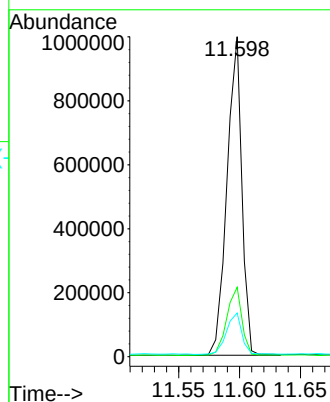
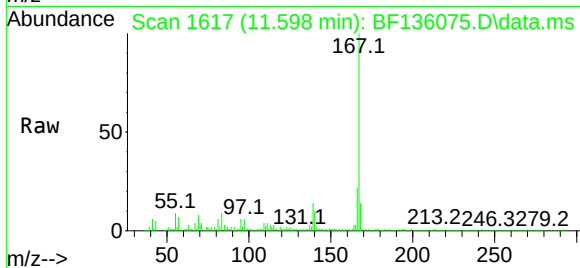
139 13.7 9.9 14.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#74

Di-n-butylphthalate

Concen: 53.130 ng

RT: 11.933 min Scan# 1674

Delta R.T. 0.000 min

Lab File: BF136075.D

Acq: 01 Nov 2023 14:26

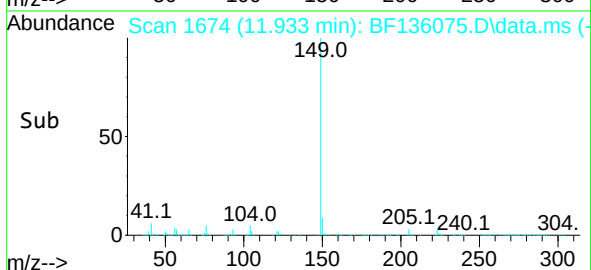
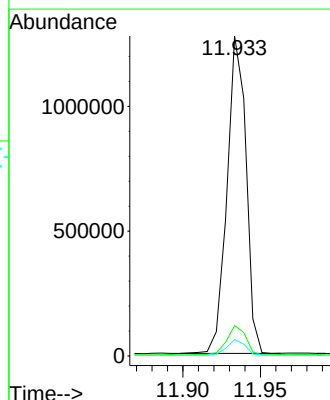
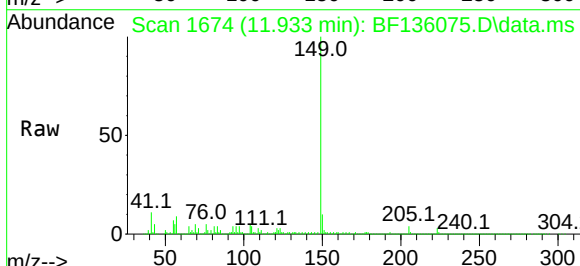
Tgt Ion:149 Resp: 1084411

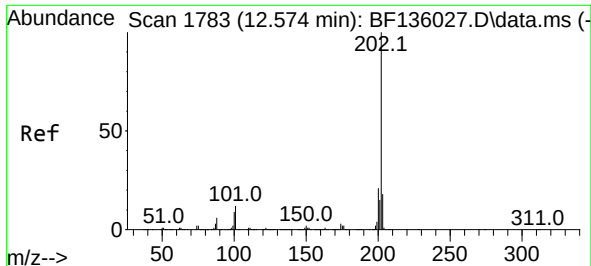
Ion Ratio Lower Upper

149 100

150 9.5 7.3 10.9

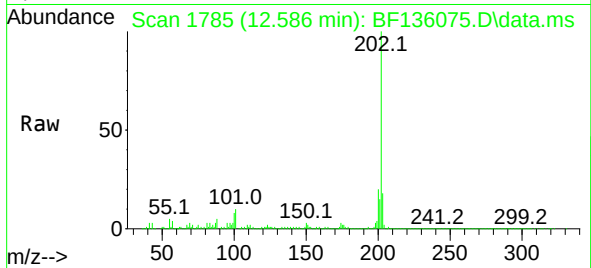
104 5.2 3.6 5.4





#75
Fluoranthene
Concen: 52.547 ng
RT: 12.586 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26

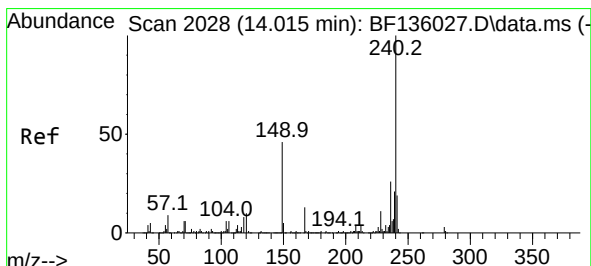
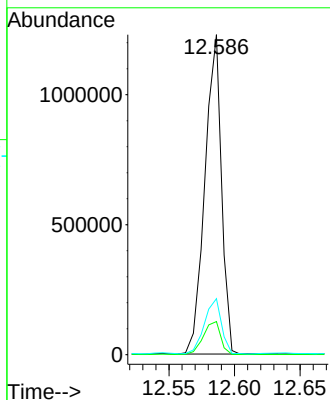
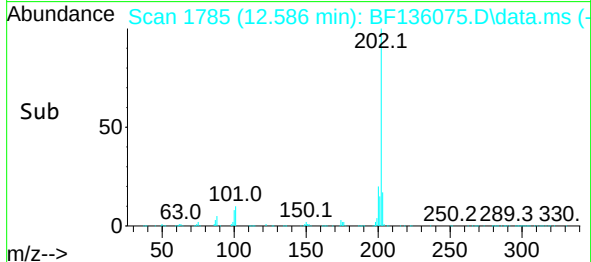
Instrument :
BNA_F
ClientSampleId :
WC-1MS



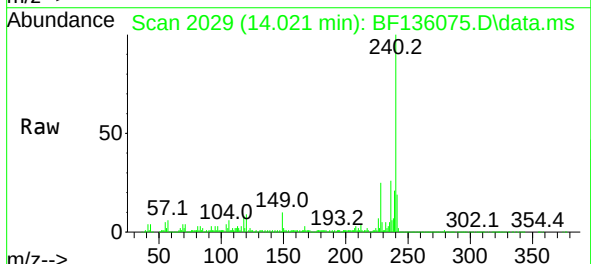
Tgt Ion:202 Resp: 108287
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.8
203 17.5 0.0 37.9

Manual Integrations
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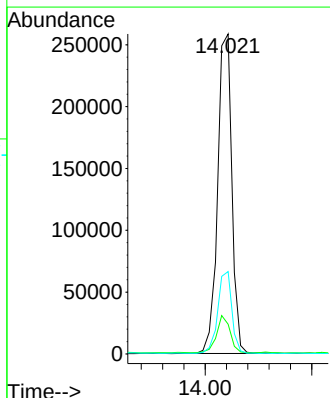
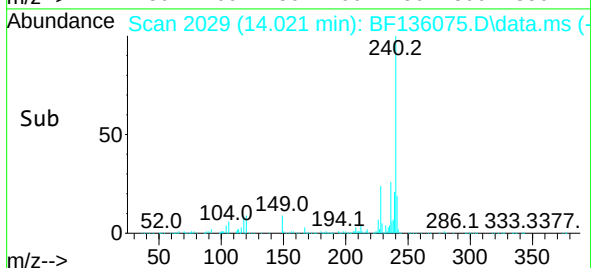
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

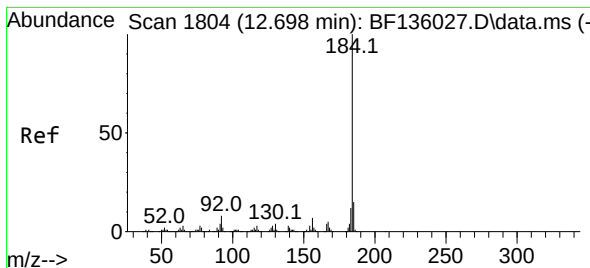


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26



Tgt Ion:240 Resp: 238636
Ion Ratio Lower Upper
240 100
120 9.3 7.6 11.4
236 25.8 20.6 31.0





#77

Benzidine

Concen: 44.799 ng

RT: 12.704 min Scan# 1805

Delta R.T. 0.006 min

Lab File: BF136075.D

Acq: 01 Nov 2023 14:26

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:184 Resp: 208368

Ion Ratio Lower Upper

184 100

185 15.0 11.8 17.8

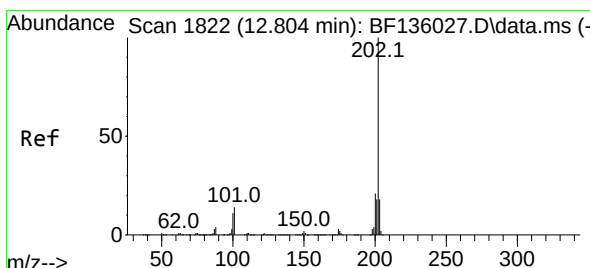
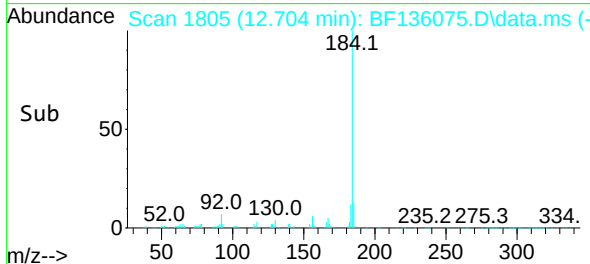
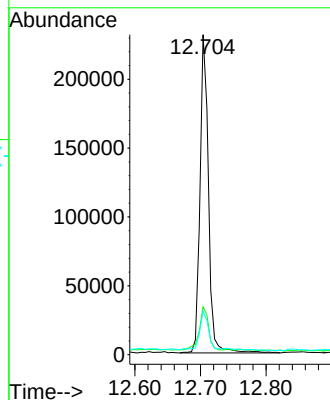
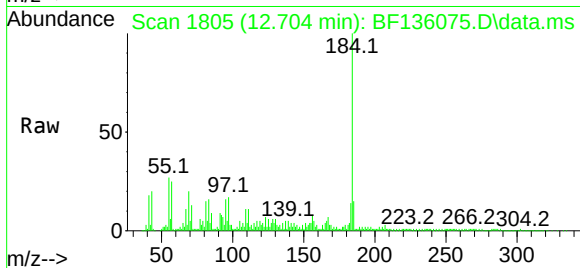
183 13.5 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#78

Pyrene

Concen: 51.430 ng

RT: 12.816 min Scan# 1824

Delta R.T. 0.012 min

Lab File: BF136075.D

Acq: 01 Nov 2023 14:26

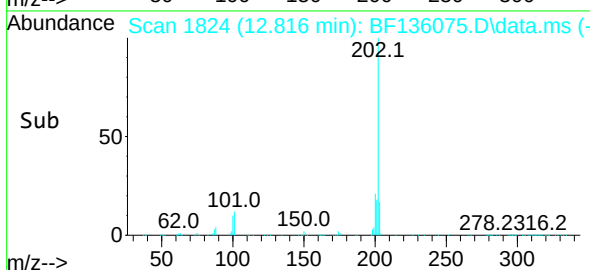
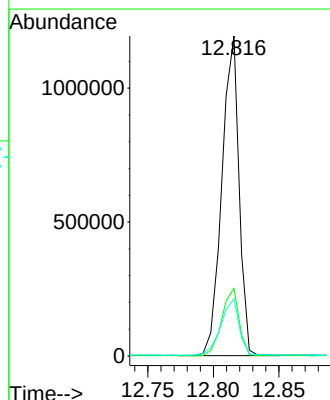
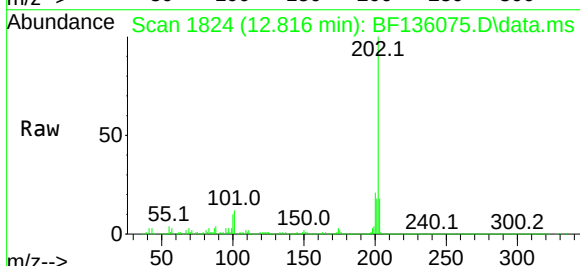
Tgt Ion:202 Resp: 1082047

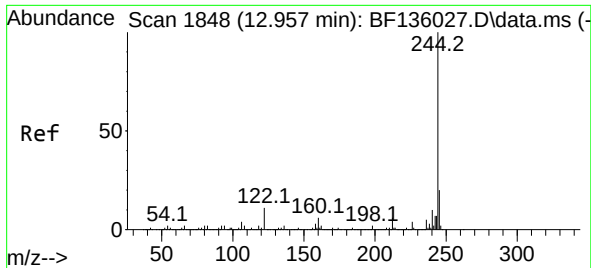
Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

203 17.8 14.4 21.6





#79
 Terphenyl-d14
 Concen: 58.216 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: BF136075.D
 Acq: 01 Nov 2023 14:26

Instrument :

BNA_F

ClientSampleId :

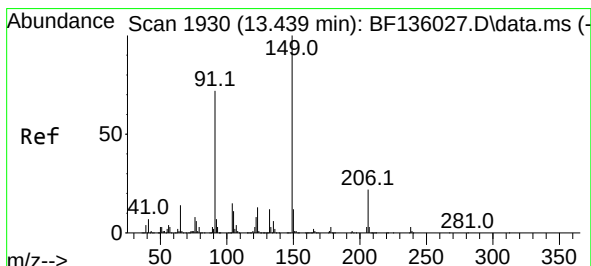
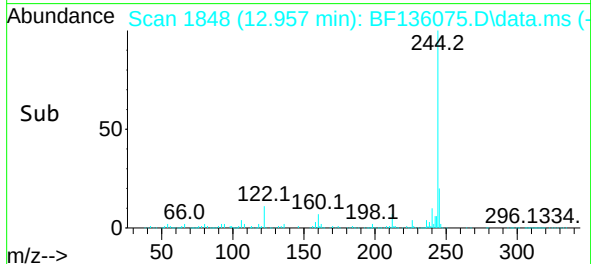
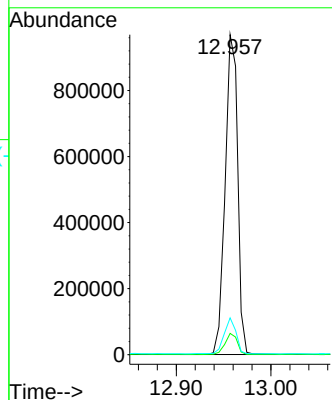
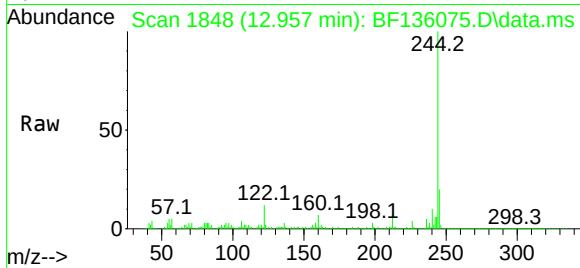
WC-1MS

Tgt Ion:244 Resp: 893959
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 11.5 8.6 12.8

Manual Integrations

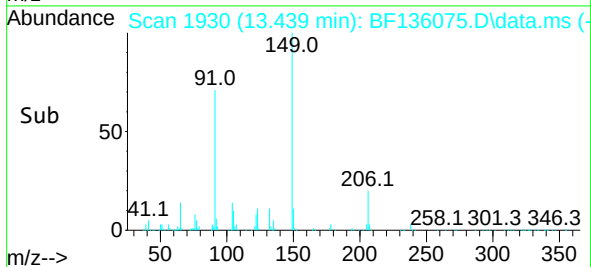
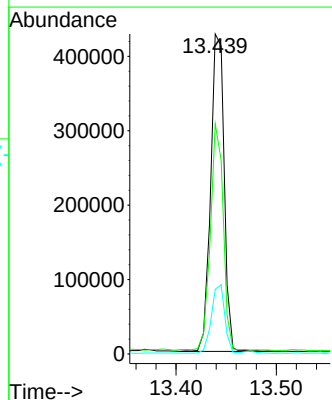
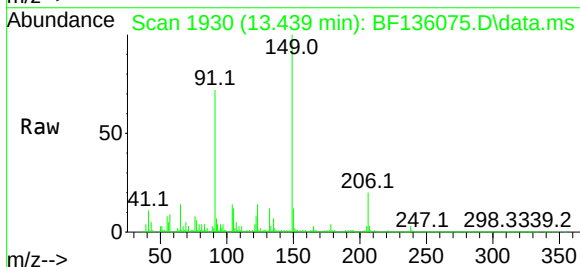
APPROVED

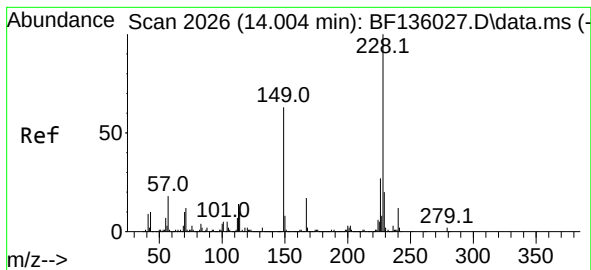
Reviewed By :Yogesh Patel 11/02/2023
 Supervised By :mohammad ahmed 11/02/2023



#80
 Butylbenzylphthalate
 Concen: 53.005 ng
 RT: 13.439 min Scan# 1930
 Delta R.T. 0.000 min
 Lab File: BF136075.D
 Acq: 01 Nov 2023 14:26

Tgt Ion:149 Resp: 399187
 Ion Ratio Lower Upper
 149 100
 91 72.0 57.6 86.4
 206 20.2 17.4 26.0





#81

Benzo(a)anthracene

Concen: 54.341 ng

RT: 14.010 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF136075.D

Acq: 01 Nov 2023 14:26

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:228 Resp: 858494

Ion Ratio Lower Upper

228 100

226 26.7 21.5 32.3

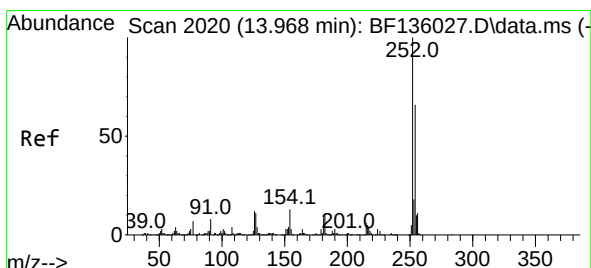
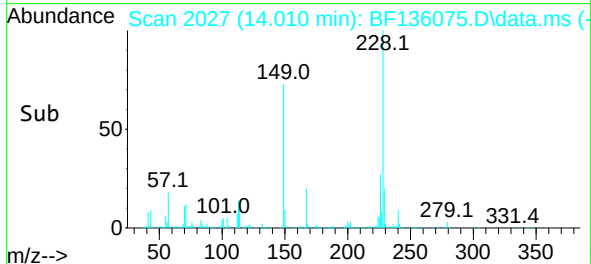
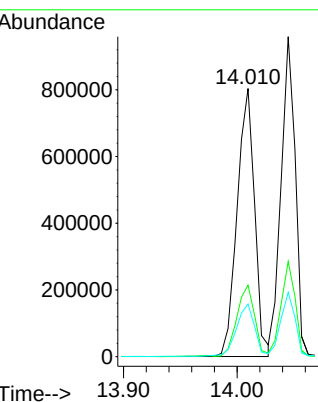
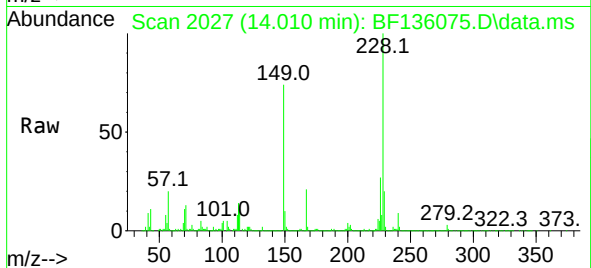
229 19.7 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#82

3,3'-Dichlorobenzidine

Concen: 29.239 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.006 min

Lab File: BF136075.D

Acq: 01 Nov 2023 14:26

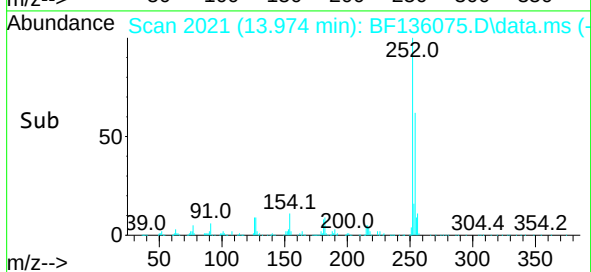
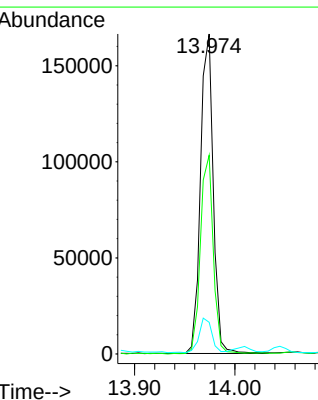
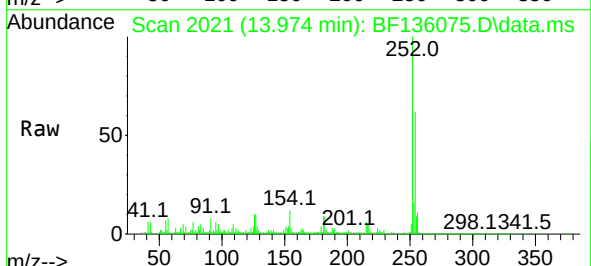
Tgt Ion:252 Resp: 147436

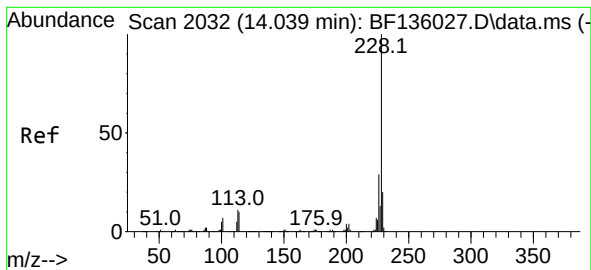
Ion Ratio Lower Upper

252 100

254 62.1 52.5 78.7

126 9.9 9.4 14.2





#83

Chrysene

Concen: 53.381 ng

RT: 14.045 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BF136075.D

Acq: 01 Nov 2023 14:26

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:228 Resp: 830538

Ion Ratio Lower Upper

228 100

226 29.7 23.5 35.3

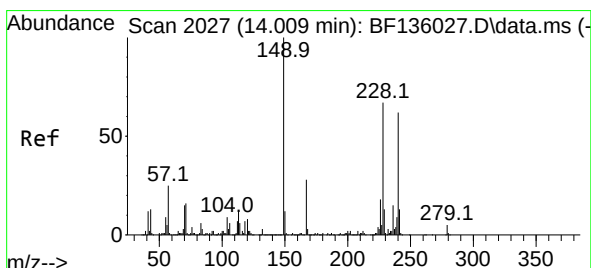
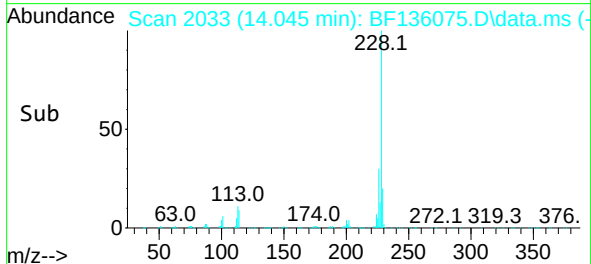
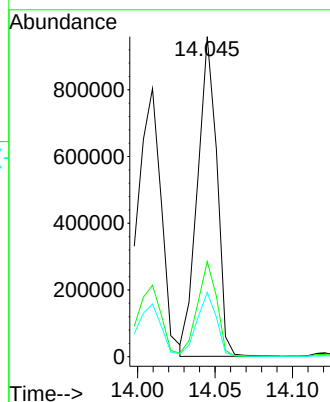
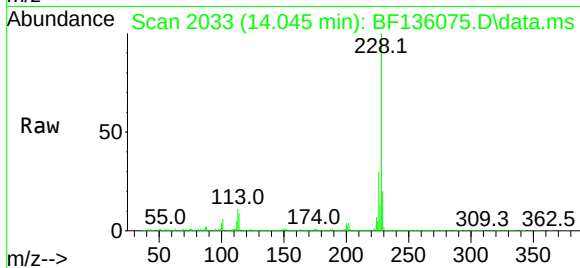
229 20.1 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.772 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF136075.D

Acq: 01 Nov 2023 14:26

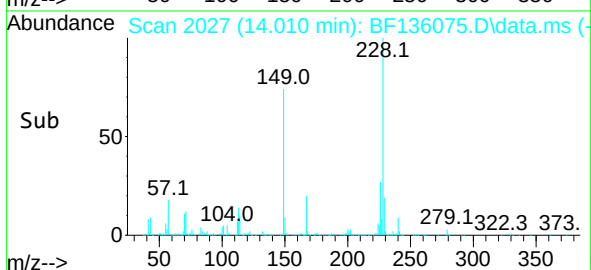
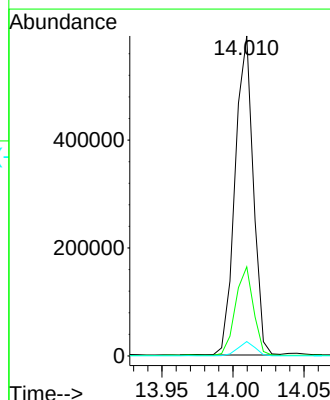
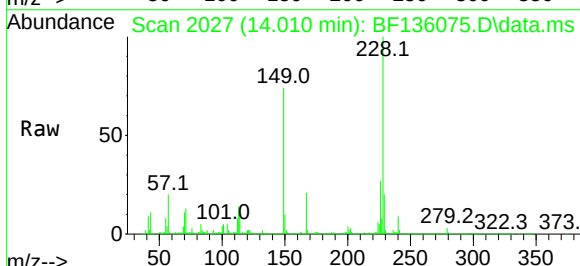
Tgt Ion:149 Resp: 524449

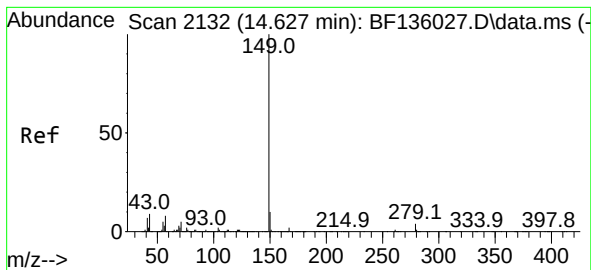
Ion Ratio Lower Upper

149 100

167 27.9 22.6 33.8

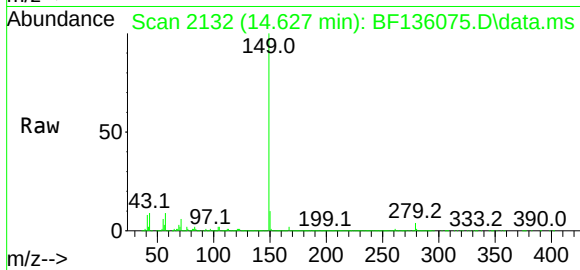
279 4.5 4.1 6.1





#85
Di-n-octyl phthalate
Concen: 69.437 ng
RT: 14.627 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26

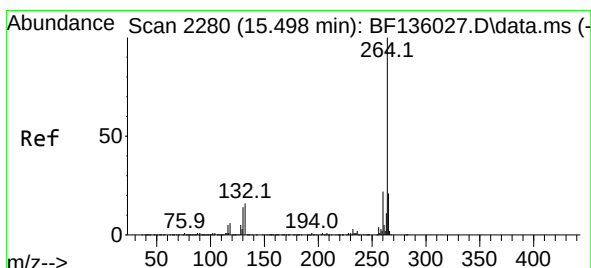
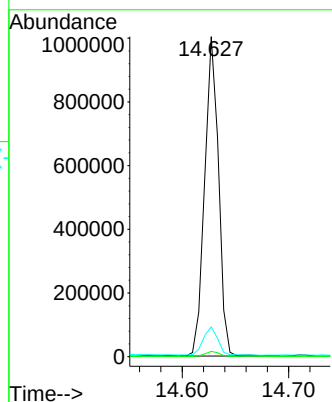
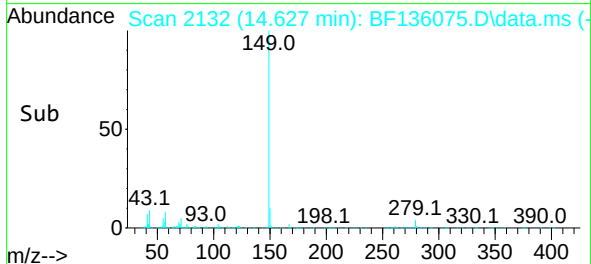
Instrument :
BNA_F
ClientSampleId :
WC-1MS



Tgt Ion:149 Resp: 91269
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.2 7.6 11.4

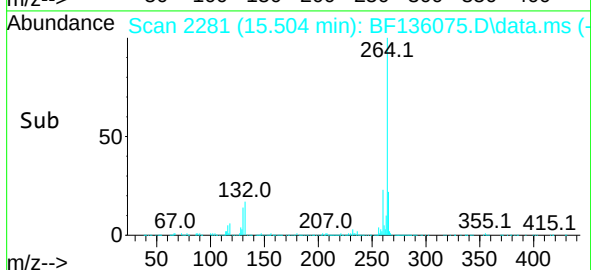
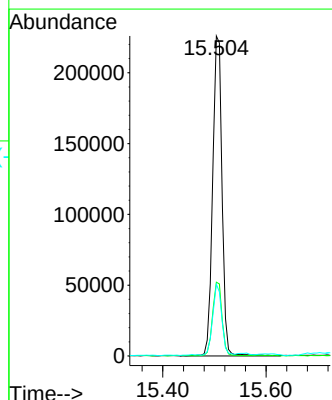
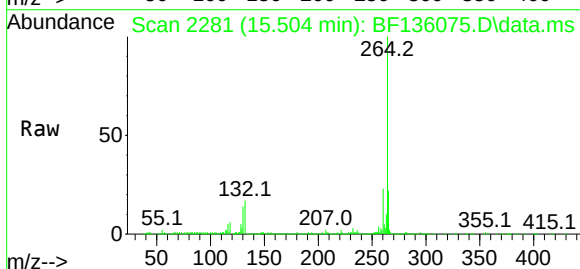
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APPROVED

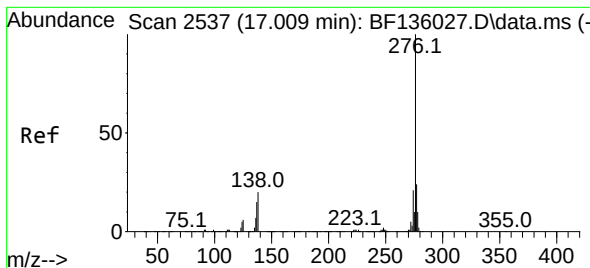
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2281
Delta R.T. 0.006 min
Lab File: BF136075.D
Acq: 01 Nov 2023 14:26

Tgt Ion:264 Resp: 284709
Ion Ratio Lower Upper
264 100
260 23.0 17.9 26.9
265 22.5 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.942 ng

RT: 17.027 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF136075.D

Acq: 01 Nov 2023 14:26

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:276 Resp: 743220

Ion Ratio Lower Upper

276 100

138 24.2 20.4 30.6

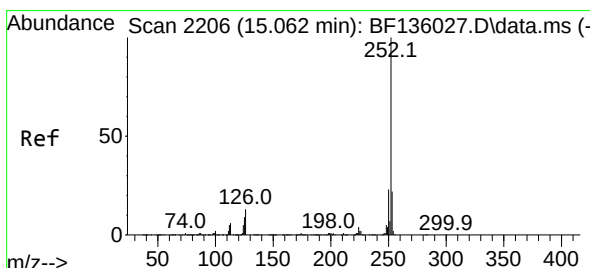
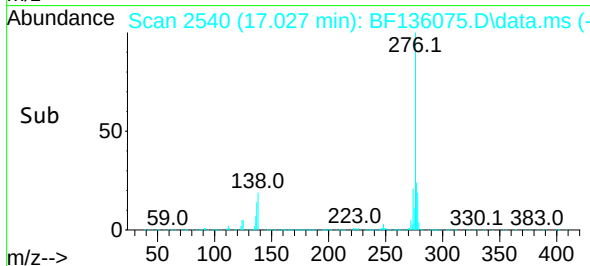
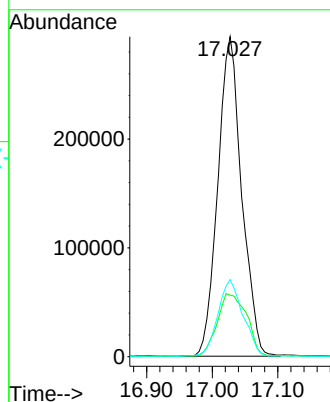
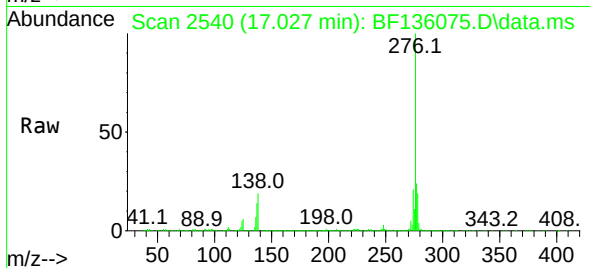
277 25.2 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#88

Benzo(b)fluoranthene

Concen: 56.399 ng

RT: 15.074 min Scan# 2208

Delta R.T. 0.012 min

Lab File: BF136075.D

Acq: 01 Nov 2023 14:26

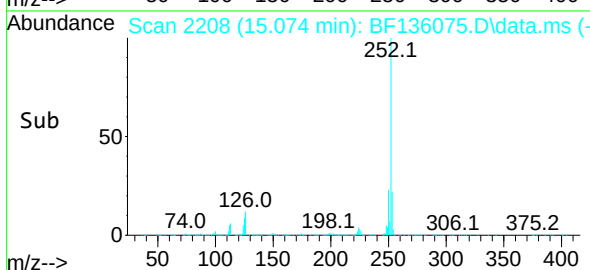
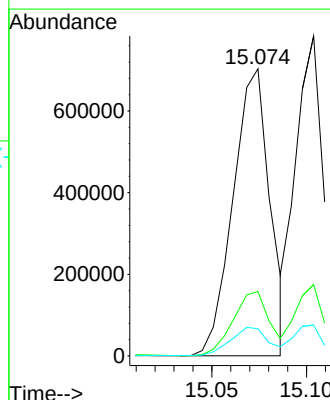
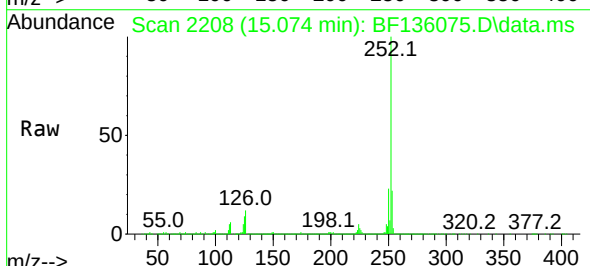
Tgt Ion:252 Resp: 950140

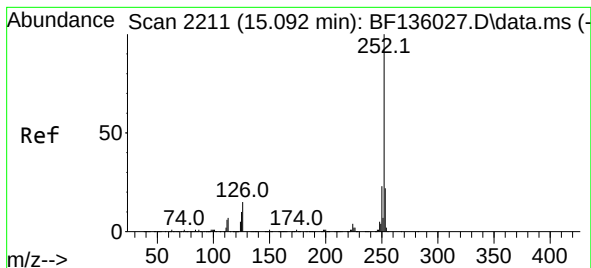
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 9.5 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 47.261 ng

RT: 15.104 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF136075.D

Acq: 01 Nov 2023 14:26

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:252 Resp: 78778

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

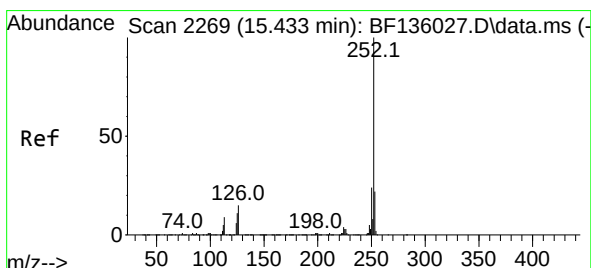
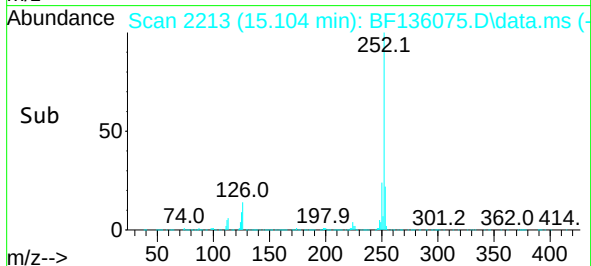
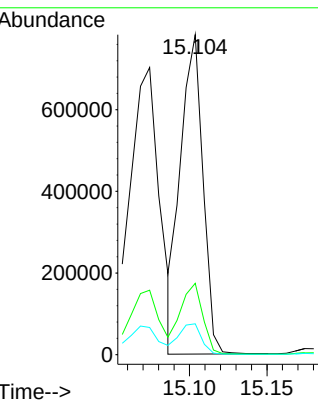
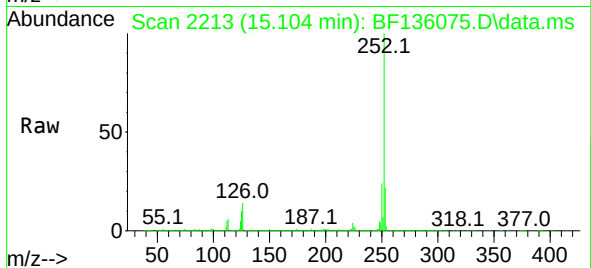
125 9.6 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#90

Benzo(a)pyrene

Concen: 49.577 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.012 min

Lab File: BF136075.D

Acq: 01 Nov 2023 14:26

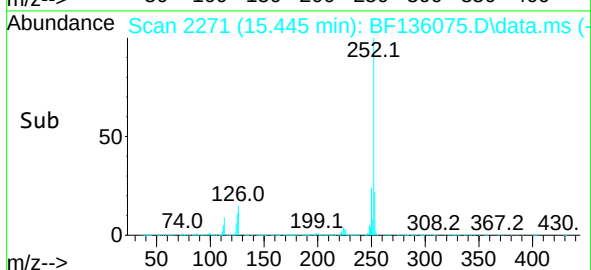
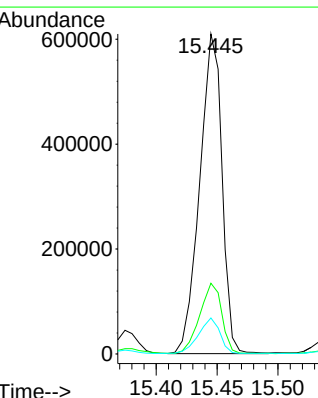
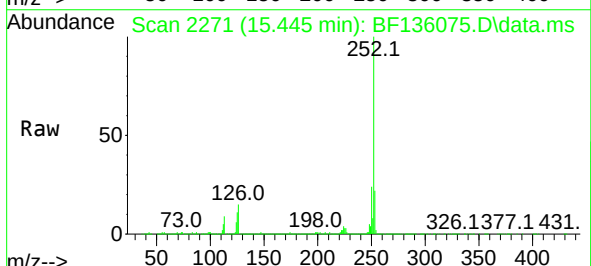
Tgt Ion:252 Resp: 776046

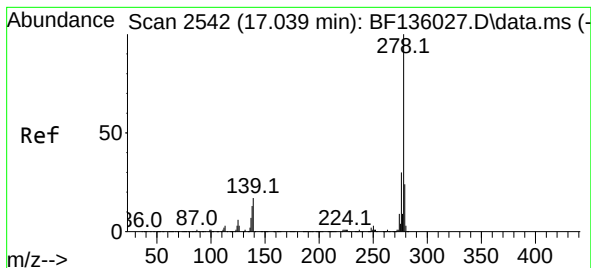
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 11.3 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 38.258 ng

RT: 17.051 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF136075.D

Acq: 01 Nov 2023 14:26

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:278 Resp: 58313

Ion Ratio Lower Upper

278 100

139 16.3 13.7 20.5

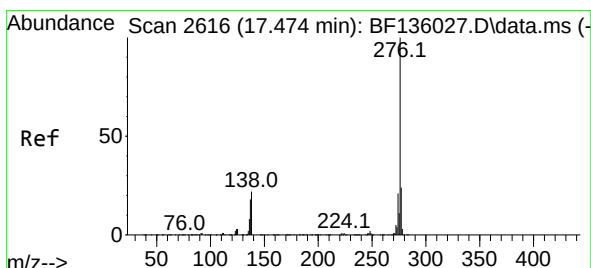
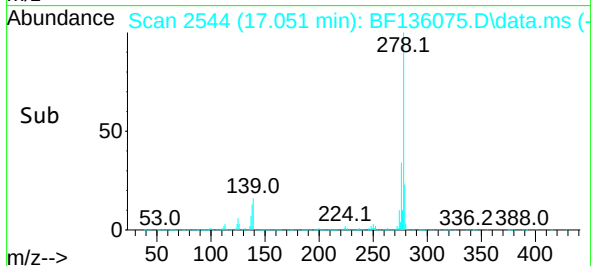
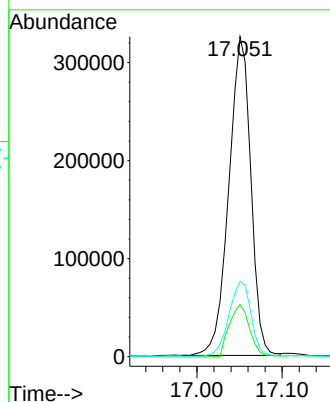
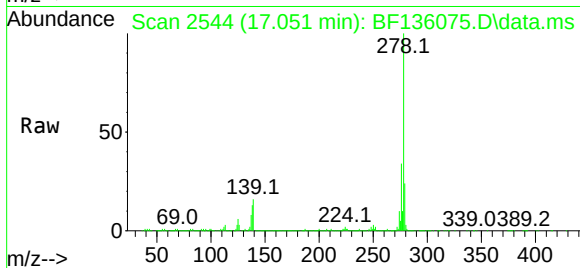
279 23.5 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#92

Benzo(g,h,i)perylene

Concen: 33.646 ng

RT: 17.492 min Scan# 2619

Delta R.T. 0.018 min

Lab File: BF136075.D

Acq: 01 Nov 2023 14:26

Tgt Ion:276 Resp: 567874

Ion Ratio Lower Upper

276 100

277 23.2 19.0 28.4

138 20.7 17.4 26.2

