

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103023\
 Data File : BF136031.D
 Acq On : 30 Oct 2023 16:24
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF103023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/31/2023
 Supervised By :mohammad ahmed 10/31/2023

Quant Time: Oct 31 01:14:49 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	164262	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	628627	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	316584	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	576835	20.000	ng	0.00
76) Chrysene-d12	14.015	240	328557	20.000	ng	0.00
86) Perylene-d12	15.498	264	288386	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	823258	78.757	ng	0.00
7) Phenol-d6	6.457	99	1014657	77.906	ng	0.00
23) Nitrobenzene-d5	7.392	82	874252	83.837	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	281493	83.303	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1610301	81.084	ng	0.00
79) Terphenyl-d14	12.957	244	1801162	85.193	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	179329	39.397	ng	99
3) Pyridine	3.334	79	488734	39.337	ng	98
4) n-Nitrosodimethylamine	3.304	42	206366	39.727	ng	95
6) Aniline	6.492	93	660807	39.189	ng	98
8) 2-Chlorophenol	6.610	128	437247	39.125	ng	99
9) Benzaldehyde	6.375	77	279479	38.484	ng	95
10) Phenol	6.469	94	540668m	40.136	ng	
11) bis(2-Chloroethyl)ether	6.569	93	411457	39.016	ng	99
12) 1,3-Dichlorobenzene	6.763	146	452222	38.879	ng	95
13) 1,4-Dichlorobenzene	6.845	146	455586	39.083	ng	99
14) 1,2-Dichlorobenzene	6.992	146	419524	38.490	ng	95
15) Benzyl Alcohol	6.969	79	366645	39.703	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	565880	38.984	ng	99
17) 2-Methylphenol	7.075	107	373351	39.380	ng	98
18) Hexachloroethane	7.333	117	162269	39.606	ng	99
19) n-Nitroso-di-n-propyla...	7.239	70	284302	38.204	ng	96
20) 3+4-Methylphenols	7.233	107	447137	38.677	ng	93
22) Acetophenone	7.233	105	556679	39.936	ng	# 89
24) Nitrobenzene	7.410	77	435014	41.241	ng	99
25) Isophorone	7.645	82	785516	39.900	ng	100
26) 2-Nitrophenol	7.722	139	214583	44.588	ng	99
27) 2,4-Dimethylphenol	7.757	122	368830	40.557	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	487306	40.399	ng	99
29) 2,4-Dichlorophenol	7.963	162	353544	41.238	ng	100
30) 1,2,4-Trichlorobenzene	8.045	180	376725	40.280	ng	98
31) Naphthalene	8.128	128	1219018	40.214	ng	99
32) Benzoic acid	7.869	122	290839m	40.782	ng	
33) 4-Chloroaniline	8.175	127	534564	40.267	ng	100
34) Hexachlorobutadiene	8.245	225	221863	41.365	ng	99
35) Caprolactam	8.551	113	114325	41.010	ng	86
36) 4-Chloro-3-methylphenol	8.657	107	368526	40.944	ng	99
37) 2-Methylnaphthalene	8.822	142	813284	40.012	ng	99
38) 1-Methylnaphthalene	8.922	142	765244	40.456	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	370760	41.065	ng	99
41) Hexachlorocyclopentadiene	8.975	237	210691	43.680	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	246485	41.870	ng	100

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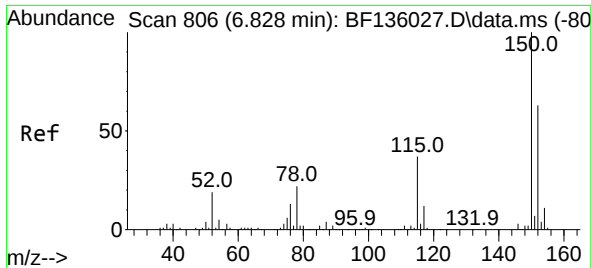
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	287462	42.155	ng	99
46) 1,1'-Biphenyl	9.286	154	988992	40.980	ng	99
47) 2-Chloronaphthalene	9.310	162	728665	40.956	ng	100
48) 2-Nitroaniline	9.404	65	232759	44.206	ng	98
49) Acenaphthylene	9.727	152	1141072	41.112	ng	99
50) Dimethylphthalate	9.592	163	855355	40.961	ng	100
51) 2,6-Dinitrotoluene	9.651	165	195227	43.711	ng	98
52) Acenaphthene	9.898	154	711657m	40.334	ng	
53) 3-Nitroaniline	9.822	138	225656	43.301	ng	99
54) 2,4-Dinitrophenol	9.922	184	90301	41.562	ng	93
55) Dibenzofuran	10.069	168	1046683	40.683	ng	97
56) 4-Nitrophenol	9.969	139	172075	44.142	ng	85
57) 2,4-Dinitrotoluene	10.051	165	252724	44.723	ng	100
58) Fluorene	10.416	166	786011	40.804	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	226695	41.814	ng	100
60) Diethylphthalate	10.292	149	823602	41.278	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	385411	40.082	ng	99
62) 4-Nitroaniline	10.433	138	217303	43.303	ng	98
63) Azobenzene	10.569	77	786683	40.940	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	127671	41.212	ng	76
66) n-Nitrosodiphenylamine	10.527	169	727766	41.823	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	256646	42.437	ng	100
68) Hexachlorobenzene	10.963	284	276361	42.787	ng	97
69) Atrazine	11.063	200	194050	40.987	ng	99
70) Pentachlorophenol	11.157	266	182367	43.964	ng	98
71) Phenanthrene	11.380	178	1204181	41.461	ng	100
72) Anthracene	11.433	178	1238899	41.628	ng	100
73) Carbazole	11.592	167	1086723	42.020	ng	99
74) Di-n-butylphthalate	11.933	149	1236618	41.846	ng	100
75) Fluoranthene	12.574	202	1238189	41.499	ng	99
77) Benzidine	12.698	184	257834	40.262	ng	99
78) Pyrene	12.804	202	1251540	43.205	ng	100
80) Butylbenzylphthalate	13.439	149	445721	42.986	ng	97
81) Benzo(a)anthracene	14.004	228	907346	41.714	ng	99
82) 3,3'-Dichlorobenzidine	13.968	252	291100	41.931	ng	99
83) Chrysene	14.039	228	876093	40.898	ng	99
84) Bis(2-ethylhexyl)phtha...	14.009	149	518572	42.927	ng	100
85) Di-n-octyl phthalate	14.627	149	752338	41.572	ng	100
87) Indeno(1,2,3-cd)pyrene	17.009	276	844579	44.811	ng	100
88) Benzo(b)fluoranthene	15.062	252	667847	39.137	ng	98
89) Benzo(k)fluoranthene	15.092	252	687746	40.733	ng	100
90) Benzo(a)pyrene	15.433	252	648834	40.922	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	698189	45.223	ng	98
92) Benzo(g,h,i)perylene	17.468	276	732516	42.056	ng	99

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



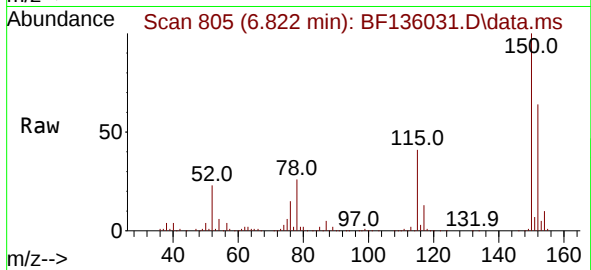
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

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BNA_F

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ICVBF103023

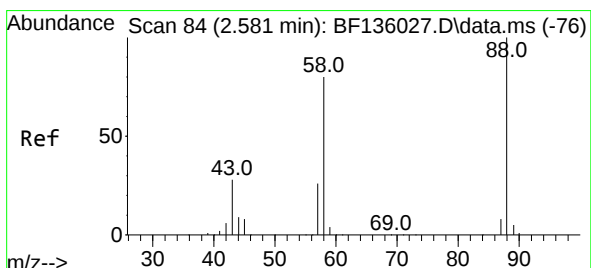
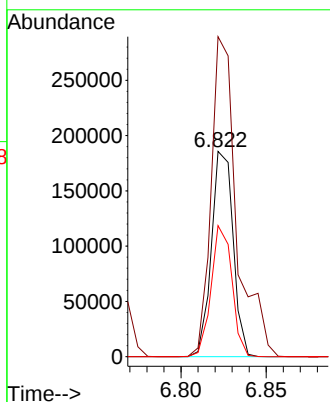
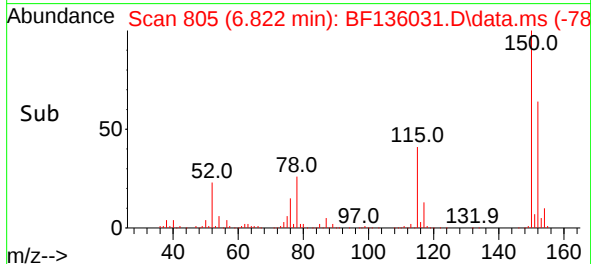


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Ion Ratio Lower Upper
152 100
150 155.9 126.4 189.6
115 63.8 47.0 70.4

Manual Integrations

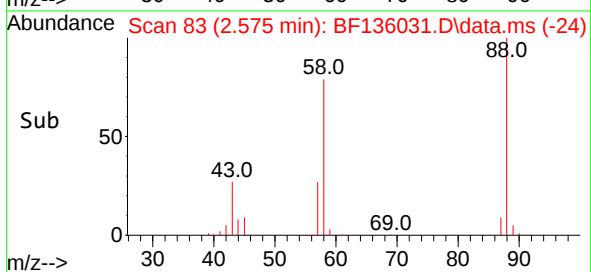
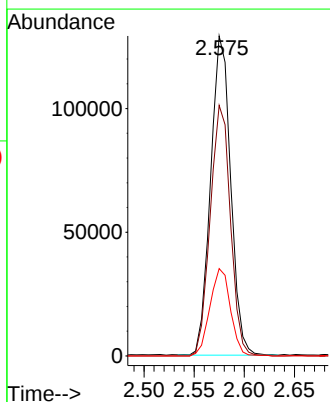
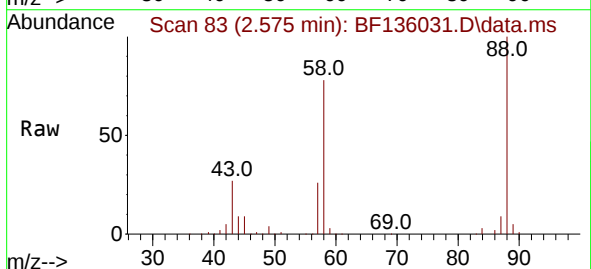
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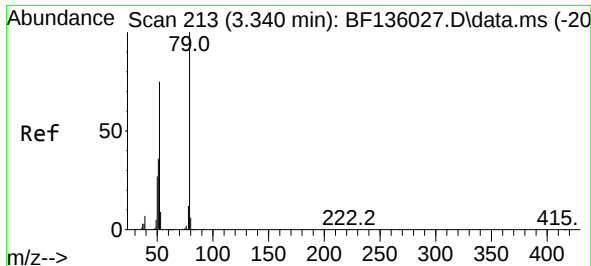
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#2
1,4-Dioxane
Concen: 39.397 ng
RT: 2.575 min Scan# 83
Delta R.T. -0.006 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

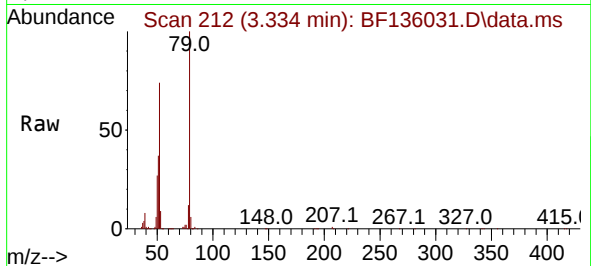
Tgt Ion: 88 Resp: 179329
Ion Ratio Lower Upper
88 100
58 79.2 64.3 96.5
43 28.1 22.3 33.5





#3
Pyridine
Concen: 39.337 ng
RT: 3.334 min Scan# 213
Delta R.T. -0.006 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

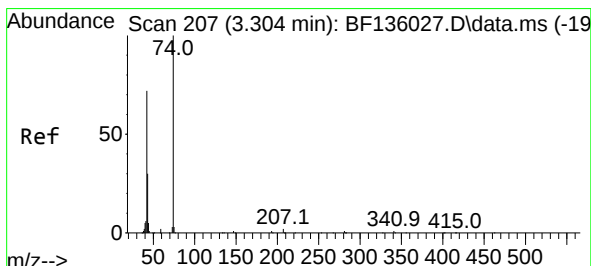
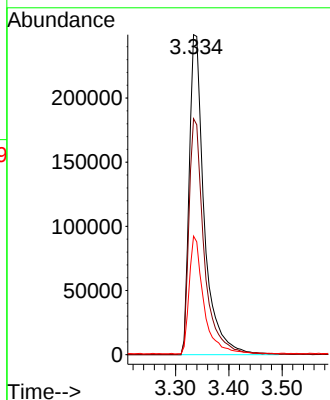
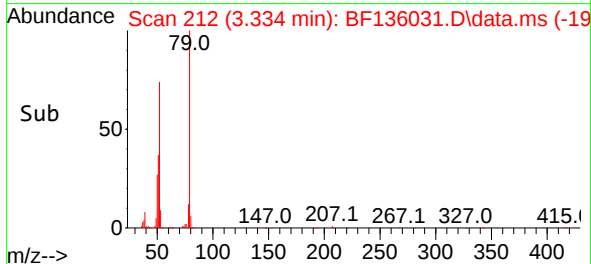
Instrument :
BNA_F
ClientSampleId :
ICVBF103023



Tgt Ion: 79 Resp: 488734
Ion Ratio Lower Upper
79 100
52 73.8 60.3 90.5
51 37.1 29.3 43.9

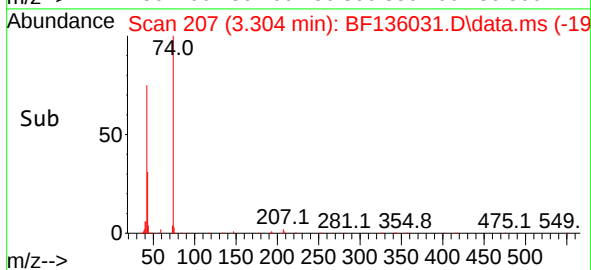
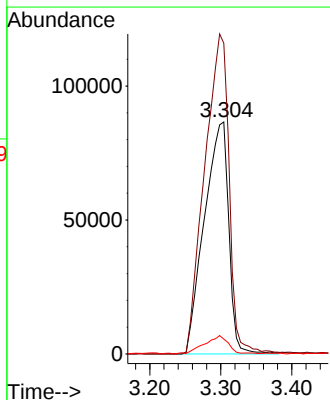
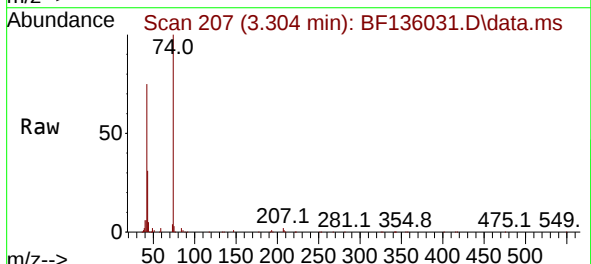
Manual Integrations
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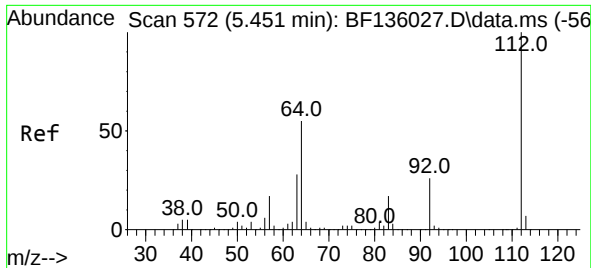
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#4
n-Nitrosodimethylamine
Concen: 39.727 ng
RT: 3.304 min Scan# 207
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

Tgt Ion: 42 Resp: 206366
Ion Ratio Lower Upper
42 100
74 133.9 111.8 167.6
44 6.4 6.2 9.4





#5
2-Fluorophenol
Concen: 78.757 ng
RT: 5.445 min Scan# 572
Delta R.T. -0.006 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

Instrument :

BNA_F

ClientSampleId :

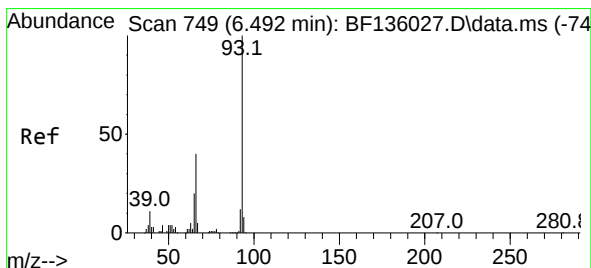
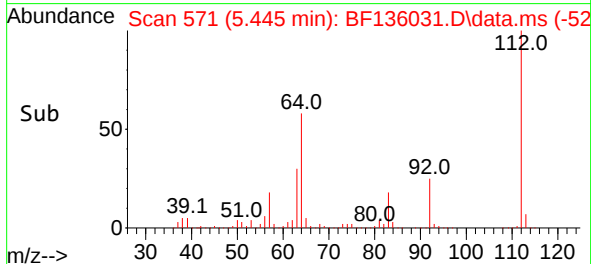
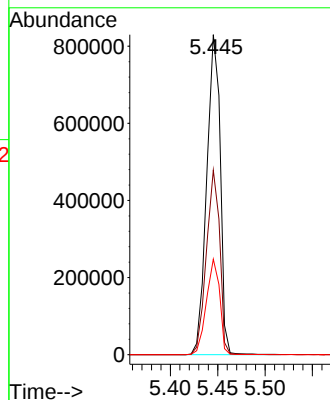
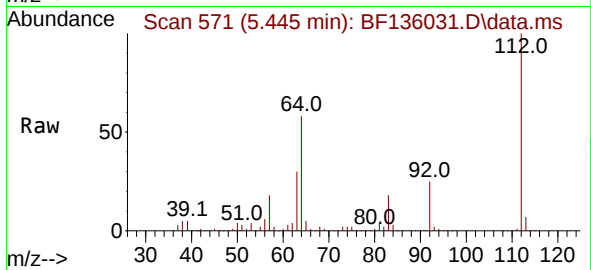
ICVBF103023

Tgt Ion:112 Resp: 823258
Ion Ratio Lower Upper
112 100
64 57.7 43.9 65.9
63 29.8 22.4 33.6

Manual Integrations

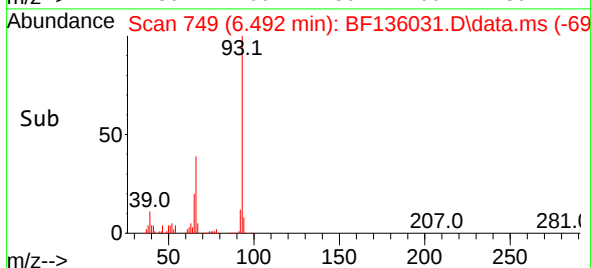
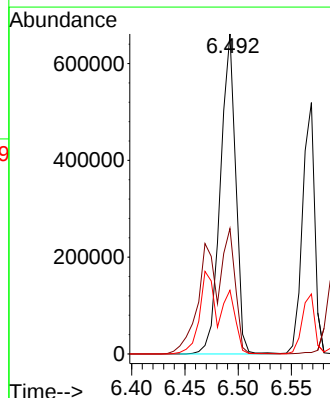
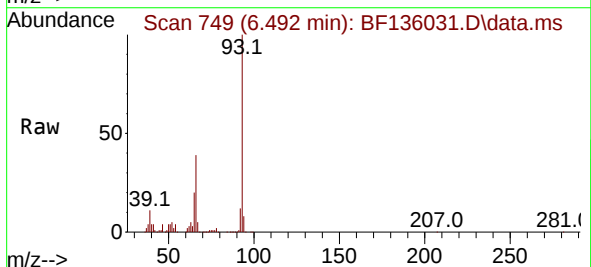
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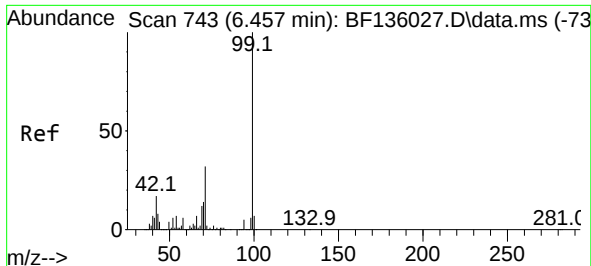
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#6
Aniline
Concen: 39.189 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

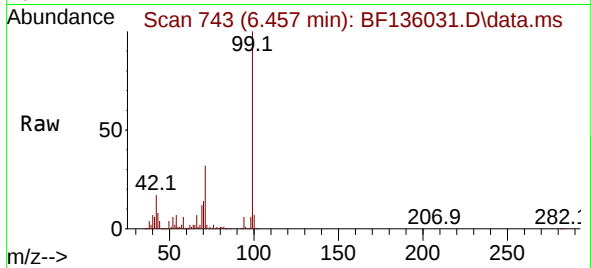
Tgt Ion: 93 Resp: 660807
Ion Ratio Lower Upper
93 100
66 39.2 32.4 48.6
65 19.9 16.2 24.2





#7
Phenol-d6
Concen: 77.906 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

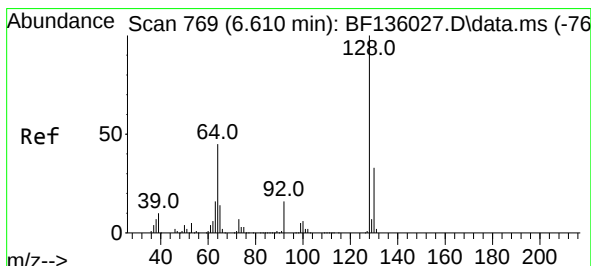
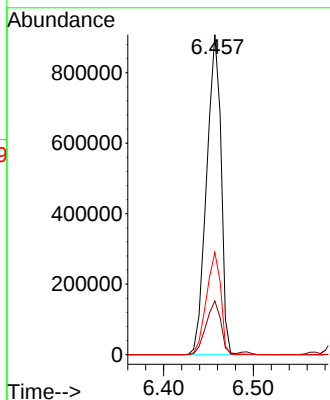
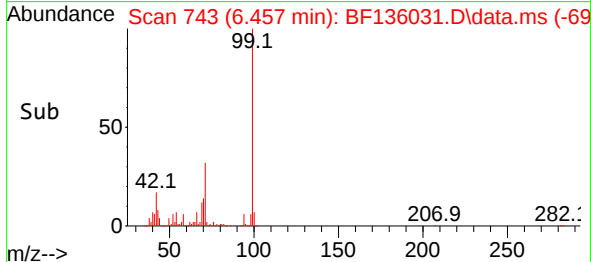
Instrument :
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Tgt Ion: 99 Resp: 101465
Ion Ratio Lower Upper
99 100
42 16.8 13.7 20.5
71 32.0 25.9 38.9

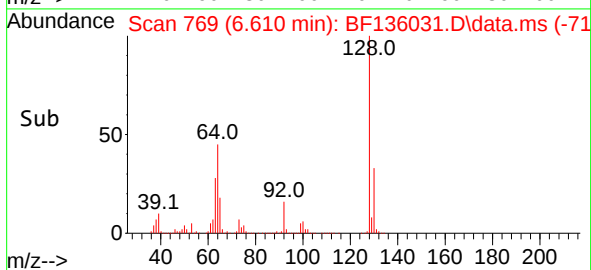
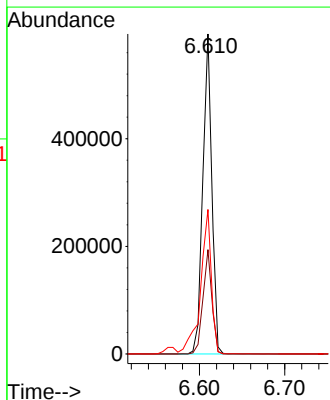
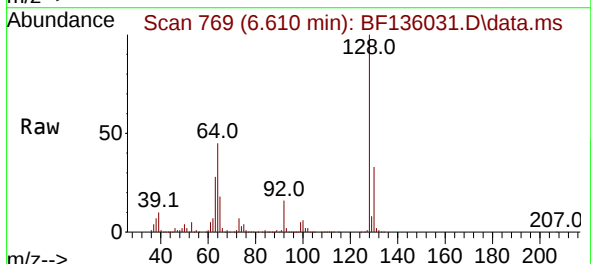
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#8
2-Chlorophenol
Concen: 39.125 ng
RT: 6.610 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

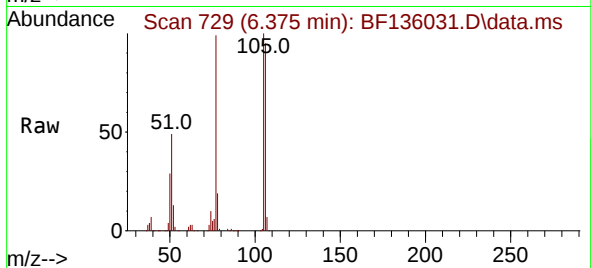
Tgt Ion:128 Resp: 437247
Ion Ratio Lower Upper
128 100
130 32.6 12.8 52.8
64 45.1 25.8 65.8





#9
Benzaldehyde
Concen: 38.484 ng
RT: 6.375 min Scan# 729
Delta R.T. -0.006 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

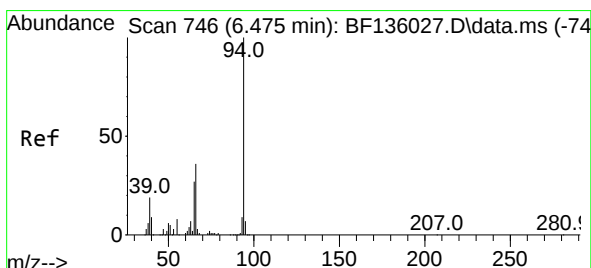
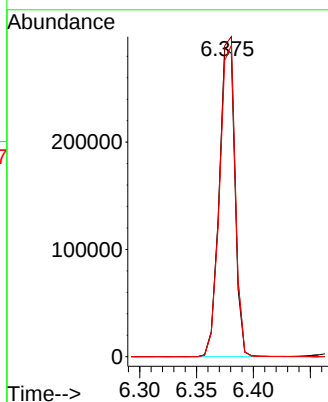
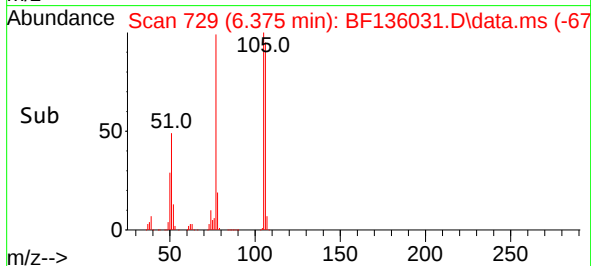
Instrument :
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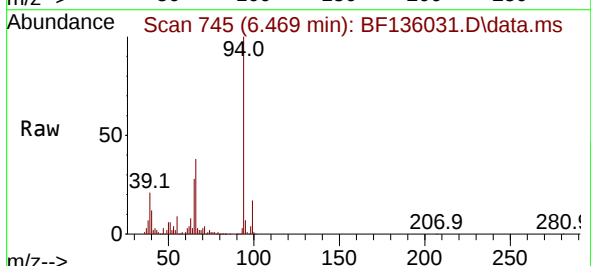
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Ion Ratio Lower Upper
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105 100.6 85.7 125.7
106 95.8 79.8 119.8

Manual Integrations
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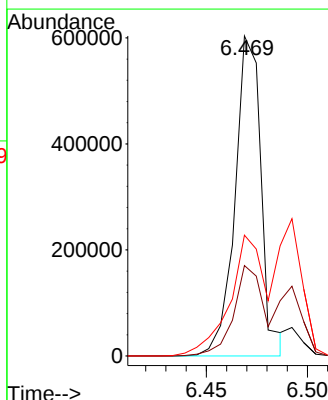
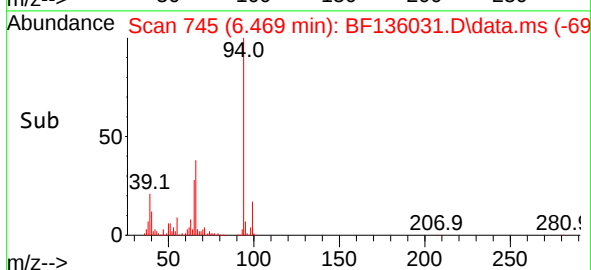
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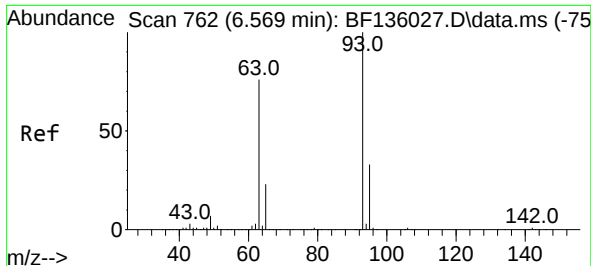


#10
Phenol
Concen: 40.136 ng m
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24



Tgt Ion: 94 Resp: 540668
Ion Ratio Lower Upper
94 100
65 28.2 7.5 47.5
66 37.8 17.1 57.1





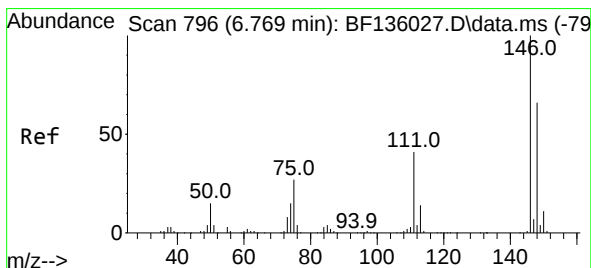
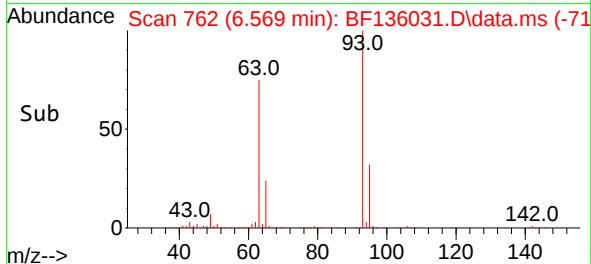
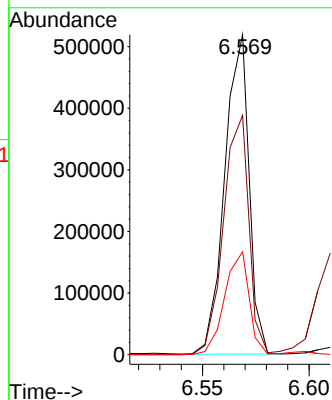
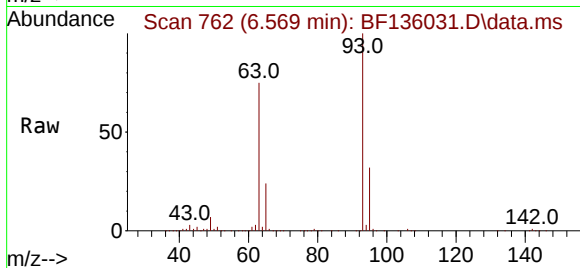
#11
bis(2-Chloroethyl)ether
Concen: 39.016 ng
RT: 6.569 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

Instrument :
BNA_F
ClientSampleId :
ICVBF103023

Tgt Ion: 93 Resp: 41145
Ion Ratio Lower Upper
93 100
63 74.8 55.8 95.8
95 32.1 12.9 52.9

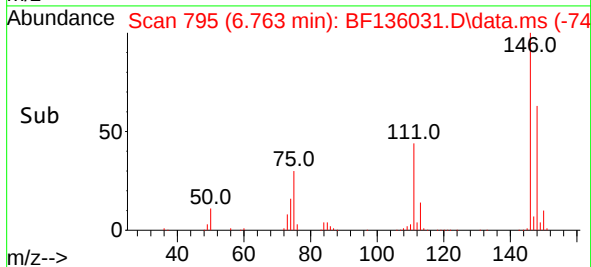
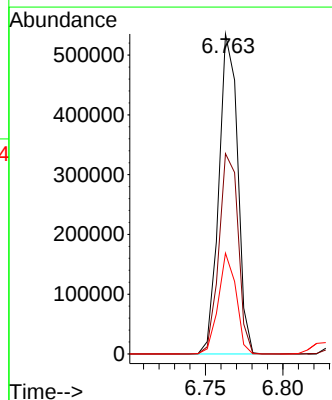
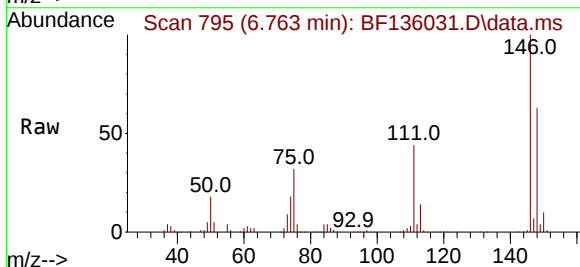
Manual Integrations
APPROVED

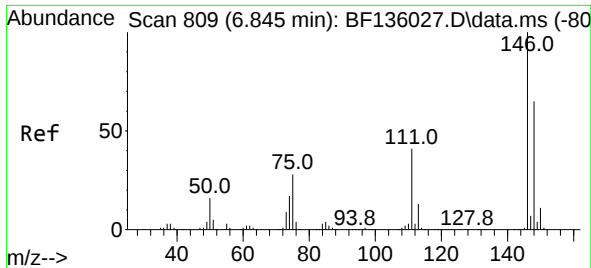
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#12
1,3-Dichlorobenzene
Concen: 38.879 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

Tgt Ion:146 Resp: 452222
Ion Ratio Lower Upper
146 100
148 62.6 52.6 78.8
75 31.5 21.6 32.4





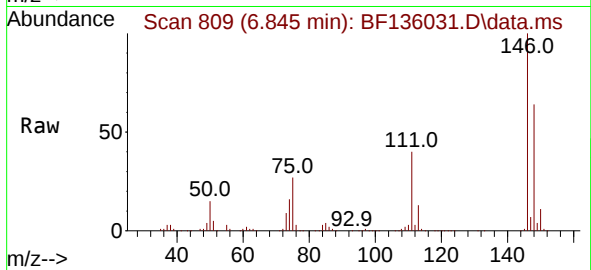
#13
1,4-Dichlorobenzene
Concen: 39.083 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

Instrument :

BNA_F

ClientSampleId :

ICVBF103023

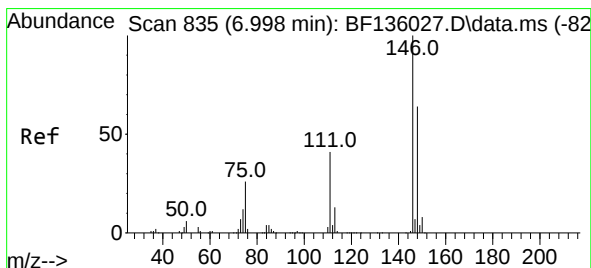
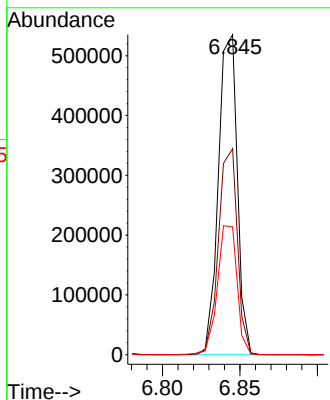
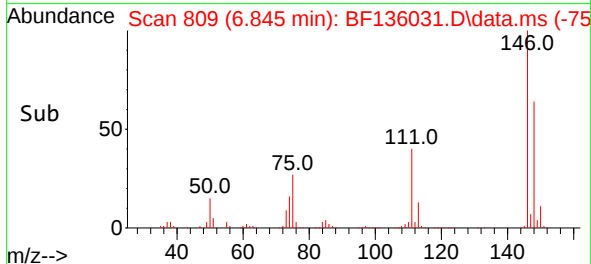


Tgt Ion:146 Resp: 455580
Ion Ratio Lower Upper
146 100
148 64.4 52.1 78.1
111 40.0 32.6 48.8

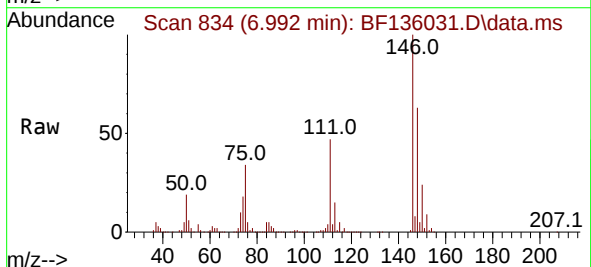
Manual Integrations

APPROVED

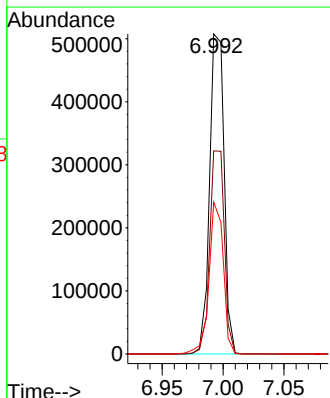
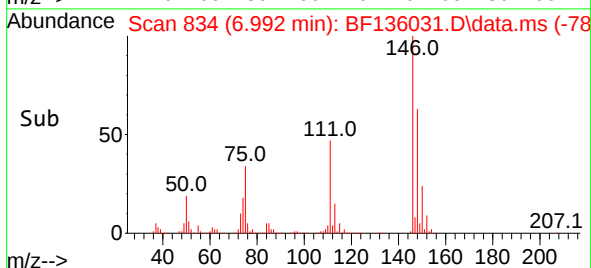
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

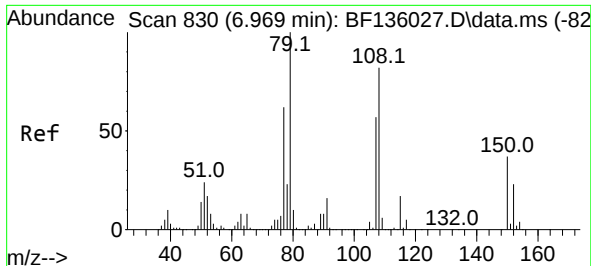


#14
1,2-Dichlorobenzene
Concen: 38.490 ng
RT: 6.992 min Scan# 834
Delta R.T. -0.006 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24



Tgt Ion:146 Resp: 419524
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.2
111 47.5 33.0 49.4





#15
Benzyl Alcohol
Concen: 39.703 ng
RT: 6.969 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

Instrument :

BNA_F

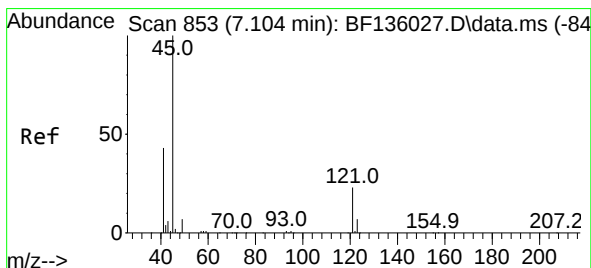
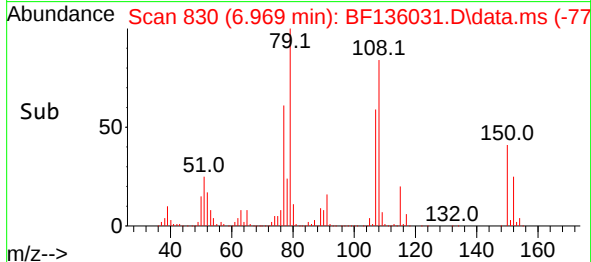
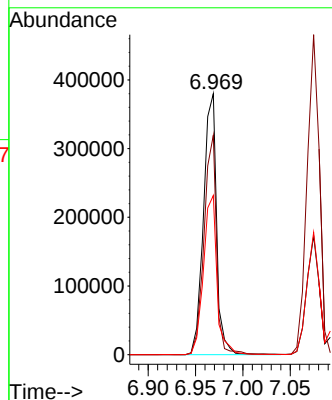
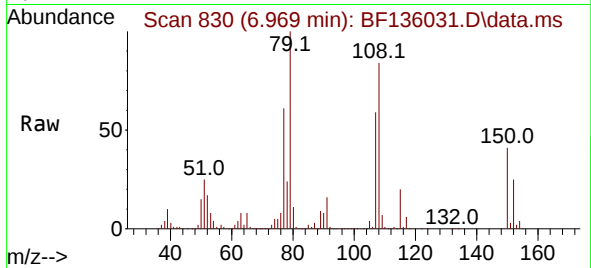
ClientSampleId :

ICVBF103023

Tgt Ion: 79 Resp: 366645
Ion Ratio Lower Upper
79 100
108 84.1 65.9 98.9
77 61.0 49.4 74.2

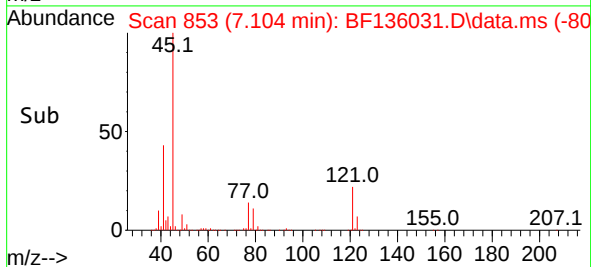
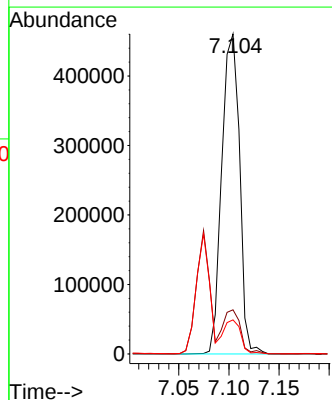
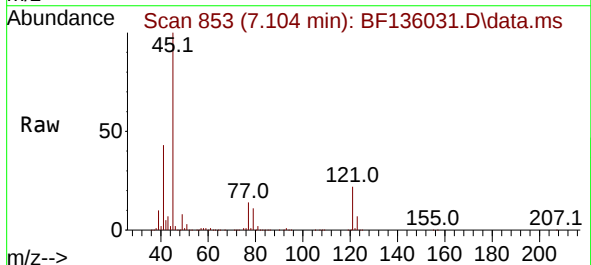
Manual Integrations
APPROVED

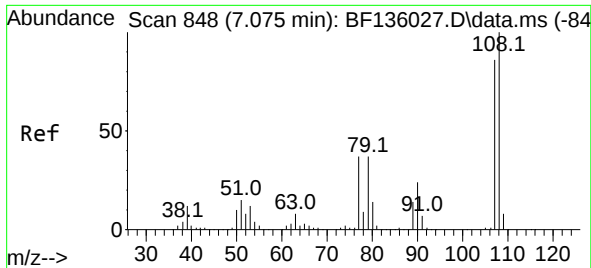
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.984 ng
RT: 7.104 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

Tgt Ion: 45 Resp: 565880
Ion Ratio Lower Upper
45 100
77 13.8 0.0 34.6
79 10.7 0.0 30.6





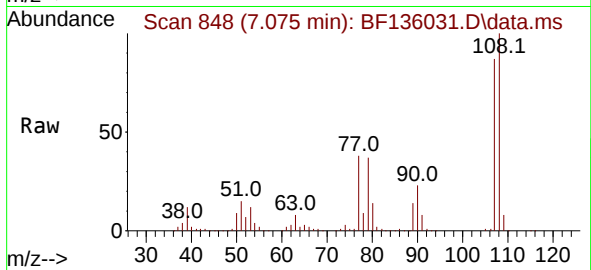
#17
2-Methylphenol
Concen: 39.380 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

Instrument :

BNA_F

ClientSampleId :

ICVBF103023

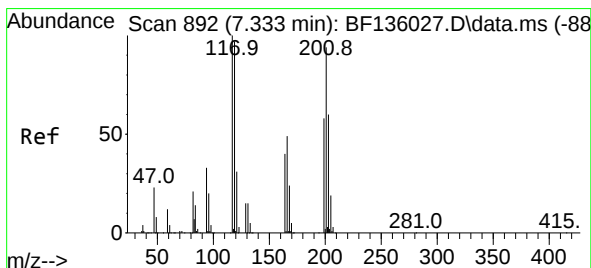
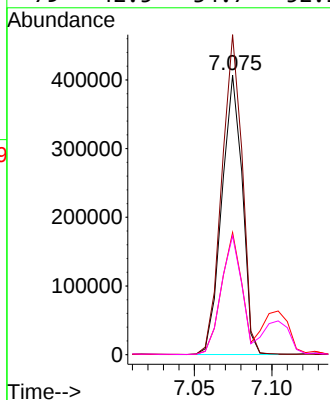
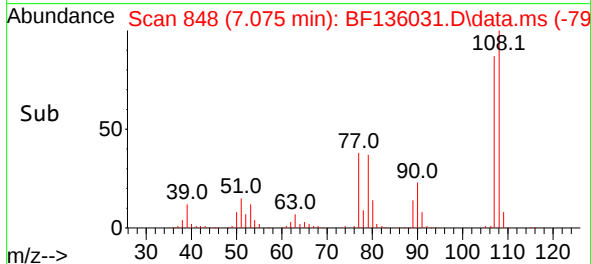


Tgt Ion:107 Resp: 37335
Ion Ratio Lower Upper
107 100
108 114.5 93.4 140.2
77 43.7 34.4 51.6
79 42.5 34.7 52.1

Manual Integrations

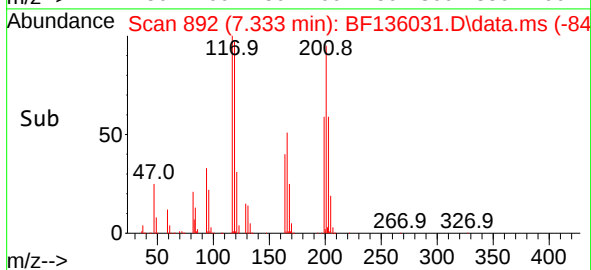
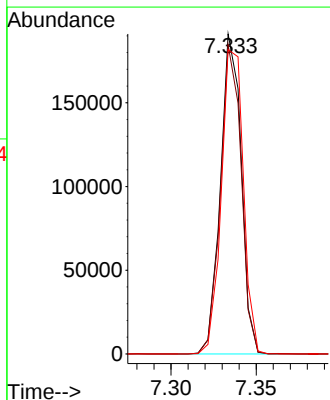
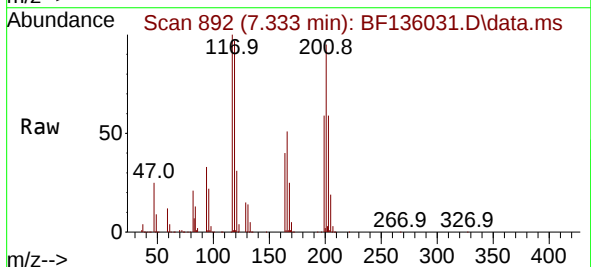
APPROVED

Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#18
Hexachloroethane
Concen: 39.606 ng
RT: 7.333 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

Tgt Ion:117 Resp: 162269
Ion Ratio Lower Upper
117 100
119 96.6 77.7 116.5
201 95.1 75.0 112.6





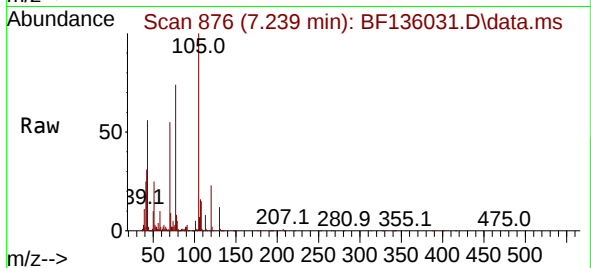
#19
n-Nitroso-di-n-propylamine
Concen: 38.204 ng
RT: 7.239 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

Instrument :

BNA_F

ClientSampleId :

ICVBF103023



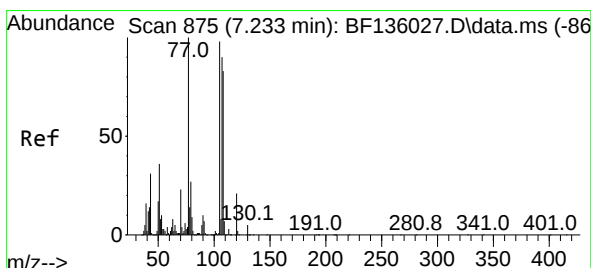
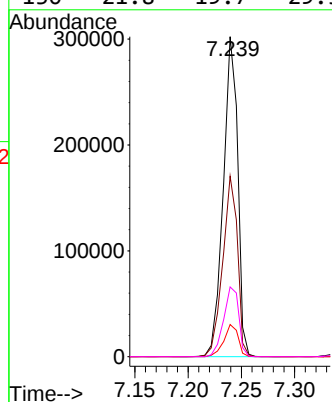
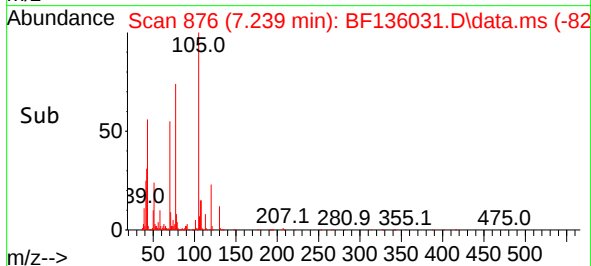
Tgt Ion: 70 Resp: 284302
Ion Ratio Lower Upper
70 100
42 56.4 43.0 64.4
101 10.0 8.0 12.0
130 21.8 19.7 29.5

Manual Integrations

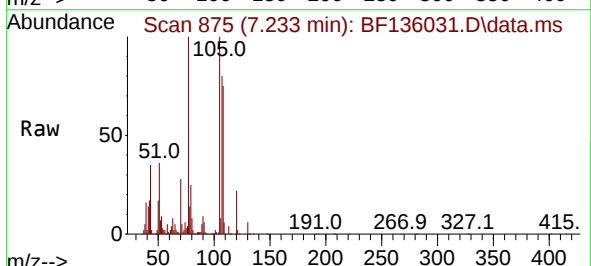
APPROVED

Reviewed By :Yogesh Patel 10/31/2023

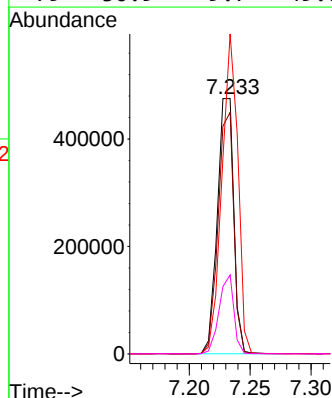
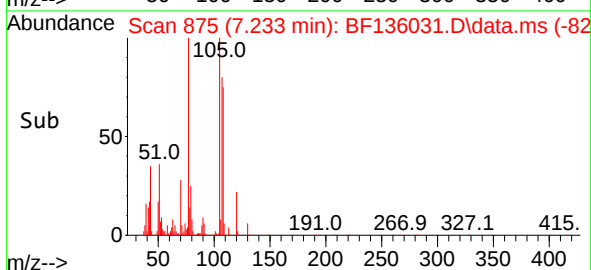
Supervised By :mohammad ahmed 10/31/2023

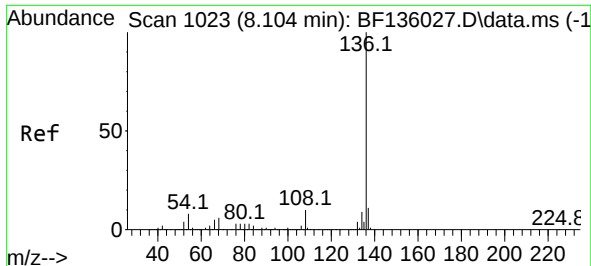


#20
3+4-Methylphenols
Concen: 38.677 ng
RT: 7.233 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24



Tgt Ion:107 Resp: 447137
Ion Ratio Lower Upper
107 100
108 94.6 72.3 112.3
77 125.3 91.4 131.4
79 30.9 9.7 49.7





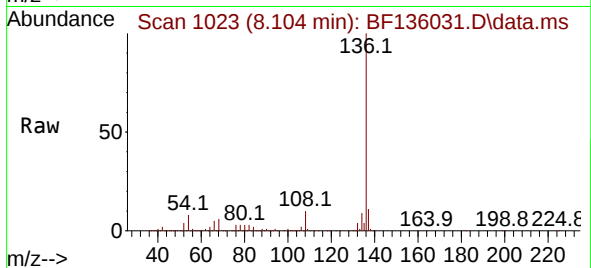
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

Instrument :

BNA_F

ClientSampleId :

ICVBF103023

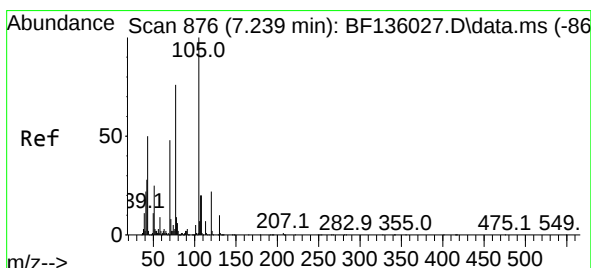
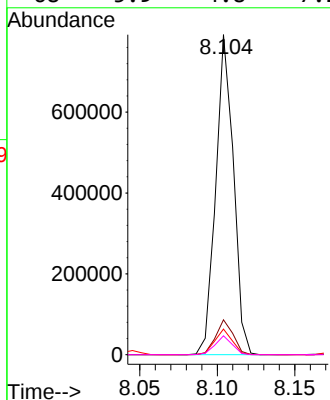
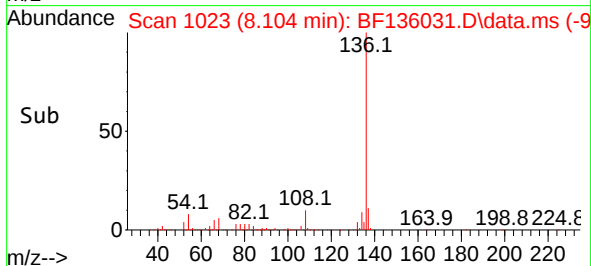


Tgt Ion:136 Resp: 62862
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.0 6.6 9.8
68 5.9 4.8 7.2

Manual Integrations

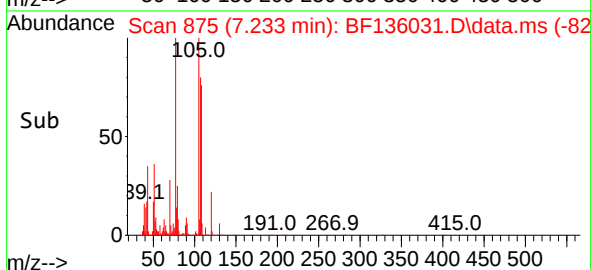
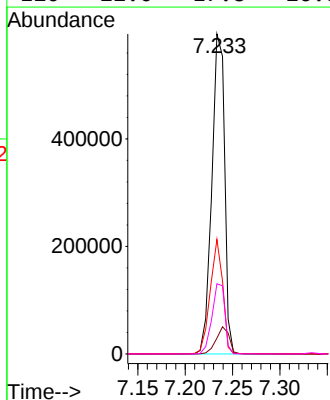
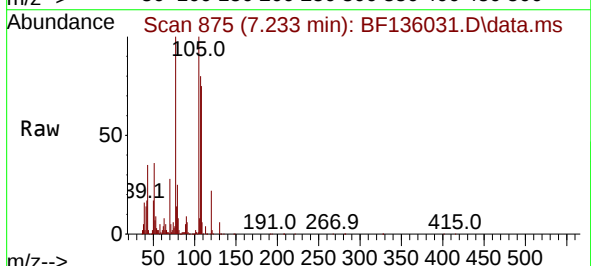
APPROVED

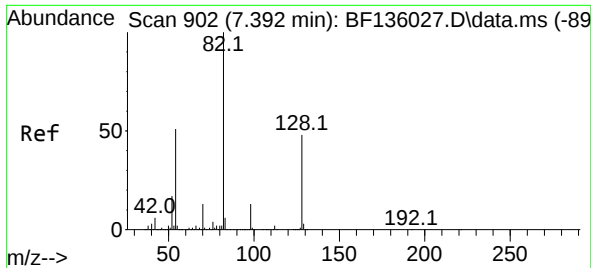
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#22
Acetophenone
Concen: 39.936 ng
RT: 7.233 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

Tgt Ion:105 Resp: 556679
Ion Ratio Lower Upper
105 100
71 5.0 6.5 9.7#
51 35.8 20.3 30.5#
120 22.0 17.8 26.8





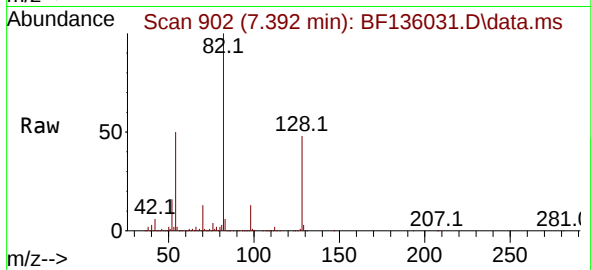
#23
Nitrobenzene-d5
Concen: 83.837 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

Instrument :

BNA_F

ClientSampleId :

ICVBF103023

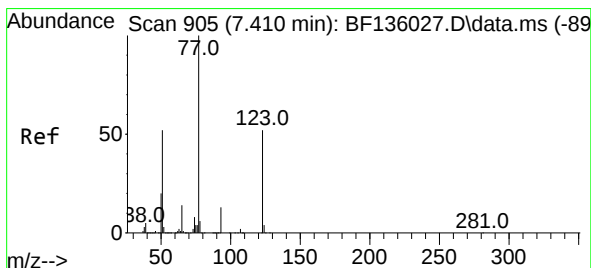
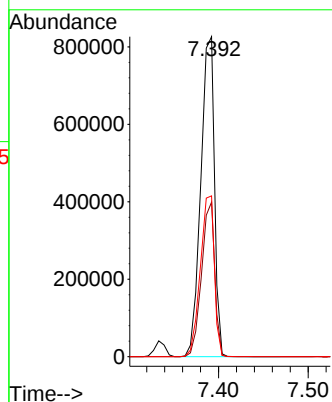
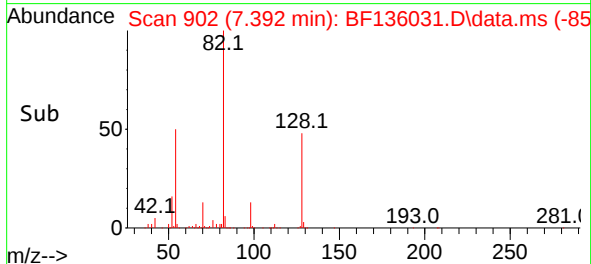


Tgt Ion: 82 Resp: 874252
Ion Ratio Lower Upper
82 100
128 48.3 38.6 57.8
54 50.3 40.8 61.2

Manual Integrations

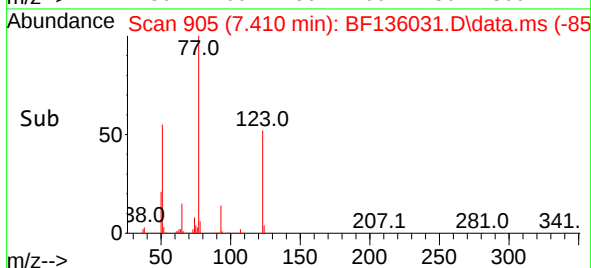
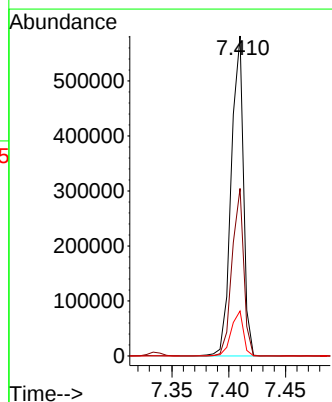
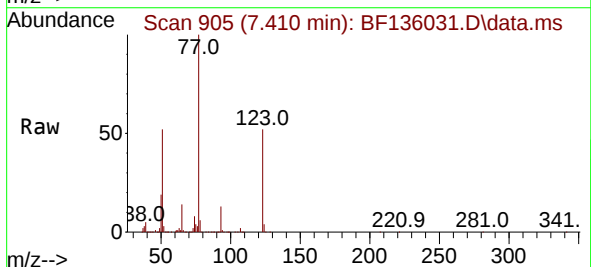
APPROVED

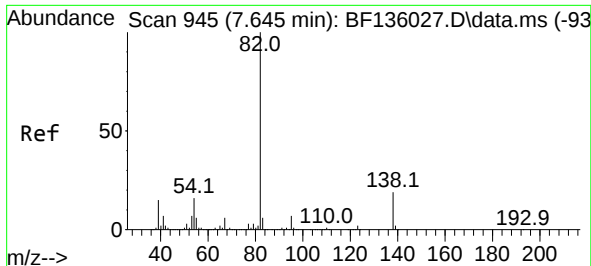
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#24
Nitrobenzene
Concen: 41.241 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

Tgt Ion: 77 Resp: 435014
Ion Ratio Lower Upper
77 100
123 52.4 42.3 63.5
65 14.0 11.0 16.6





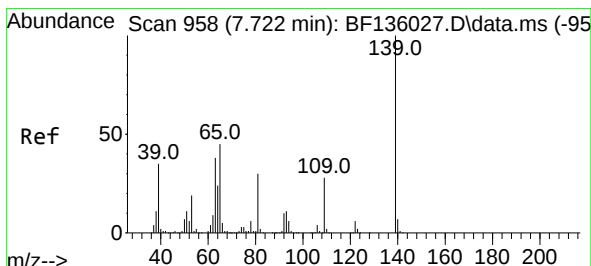
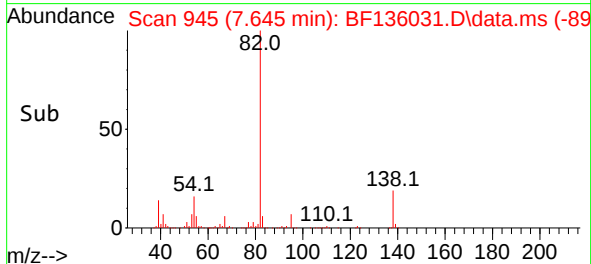
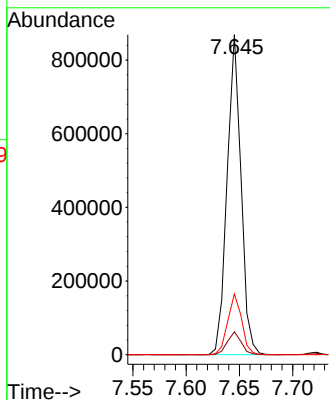
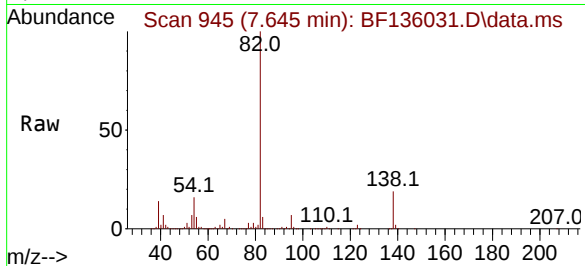
#25
Isophorone
Concen: 39.900 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

Instrument :
BNA_F
ClientSampleId :
ICVBF103023

Tgt Ion: 82 Resp: 785510
Ion Ratio Lower Upper
82 100
95 7.2 5.9 8.9
138 19.0 15.3 22.9

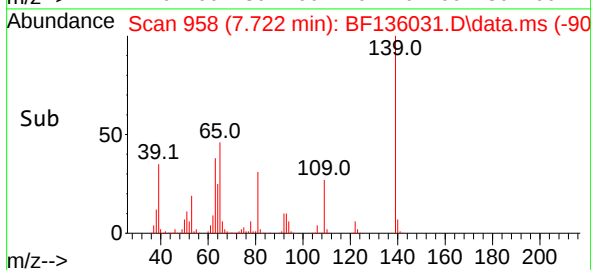
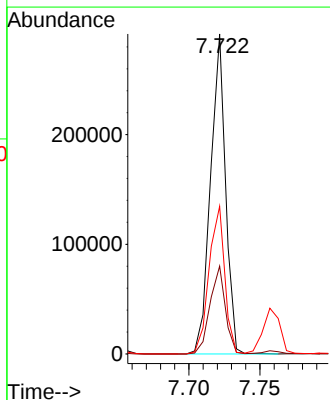
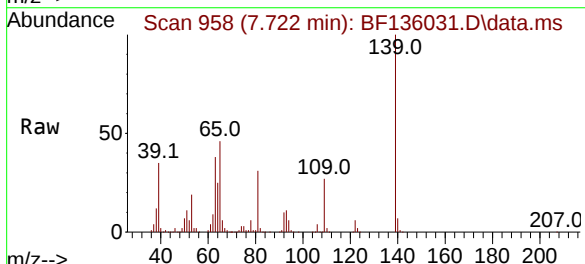
Manual Integrations
APPROVED

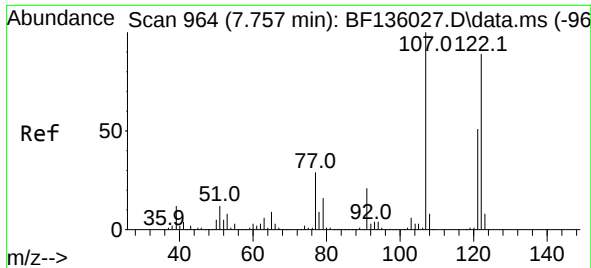
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#26
2-Nitrophenol
Concen: 44.588 ng
RT: 7.722 min Scan# 958
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

Tgt Ion:139 Resp: 214583
Ion Ratio Lower Upper
139 100
109 27.5 22.6 34.0
65 46.2 36.3 54.5





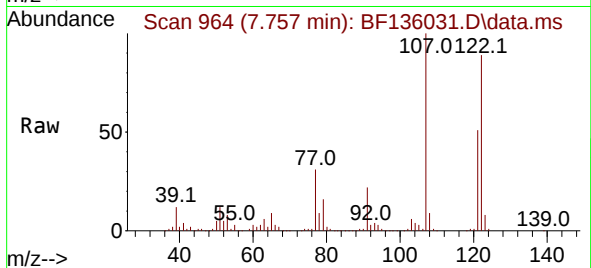
#27
2,4-Dimethylphenol
Concen: 40.557 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

Instrument :

BNA_F

ClientSampleId :

ICVBF103023



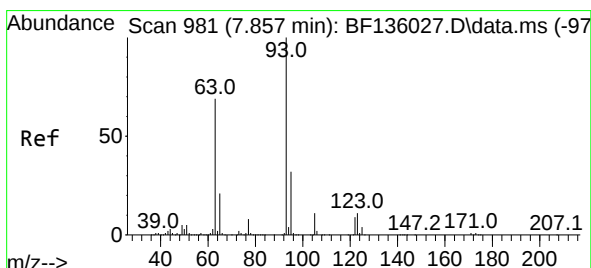
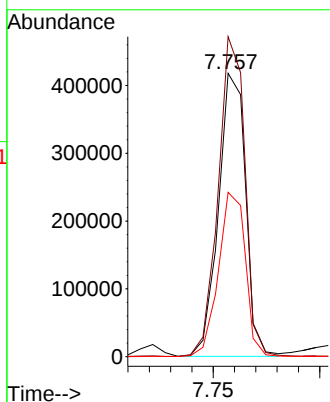
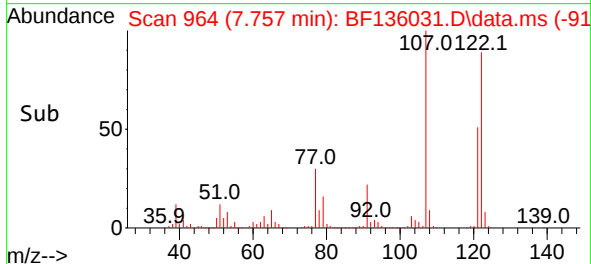
Tgt Ion:122 Resp: 368830
Ion Ratio Lower Upper
122 100
107 113.0 89.6 134.4
121 58.0 46.0 69.0

Manual Integrations

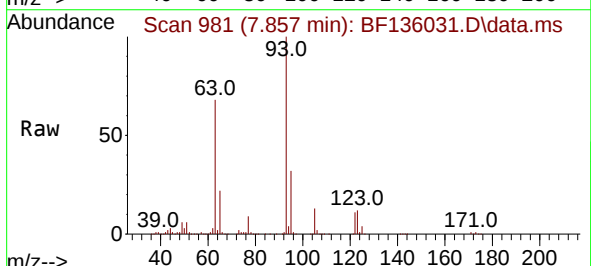
APPROVED

Reviewed By :Yogesh Patel 10/31/2023

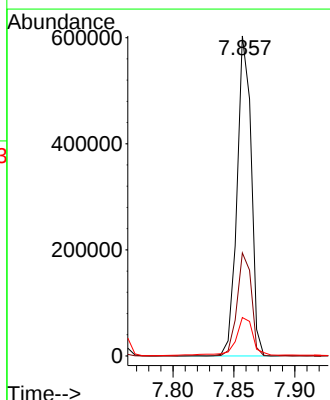
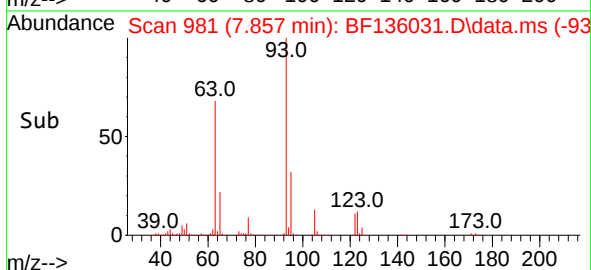
Supervised By :mohammad ahmed 10/31/2023

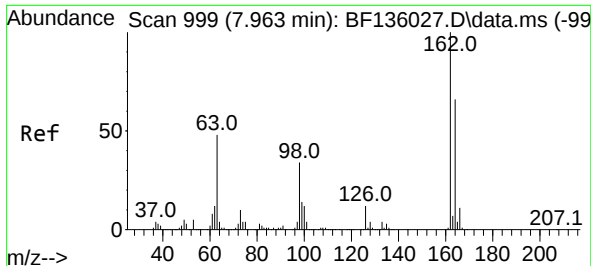


#28
bis(2-Chloroethoxy)methane
Concen: 40.399 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24



Tgt Ion: 93 Resp: 487306
Ion Ratio Lower Upper
93 100
95 32.2 25.7 38.5
123 12.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 41.238 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF136031.D

Acq: 30 Oct 2023 16:24

Instrument :

BNA_F

ClientSampleId :

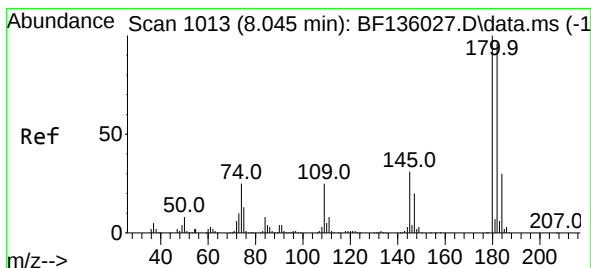
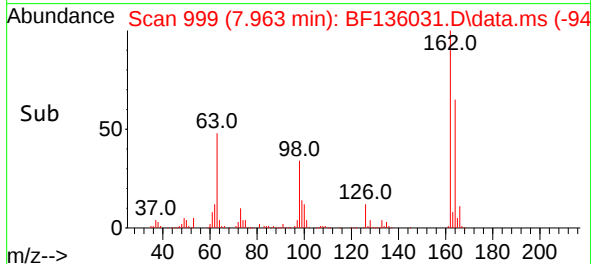
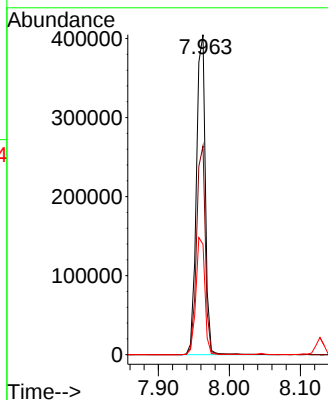
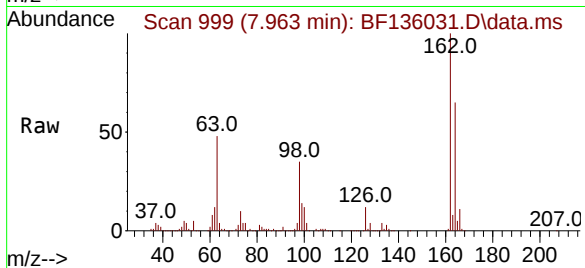
ICVBF103023

Tgt Ion:162 Resp: 353544
 Ion Ratio Lower Upper
 162 100
 164 65.2 45.5 85.5
 98 34.5 14.4 54.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023
 Supervised By :mohammad ahmed 10/31/2023



#30

1,2,4-Trichlorobenzene

Concen: 40.280 ng

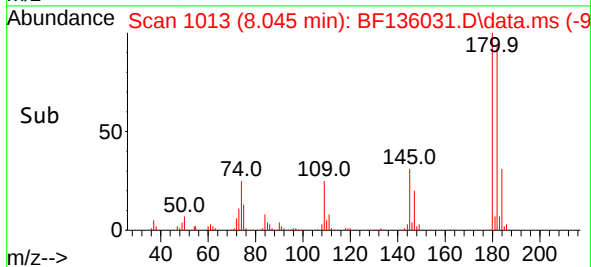
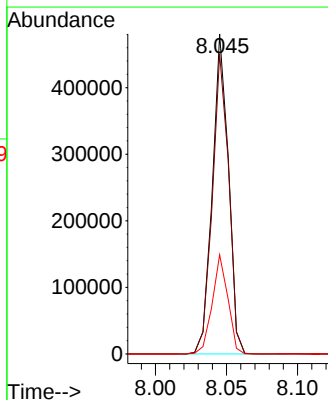
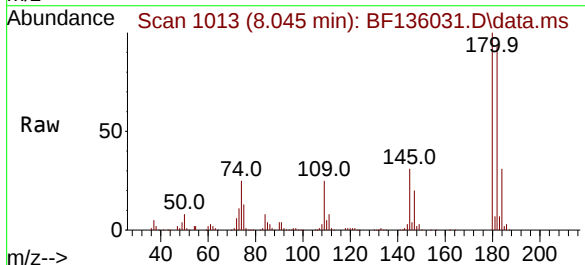
RT: 8.045 min Scan# 1013

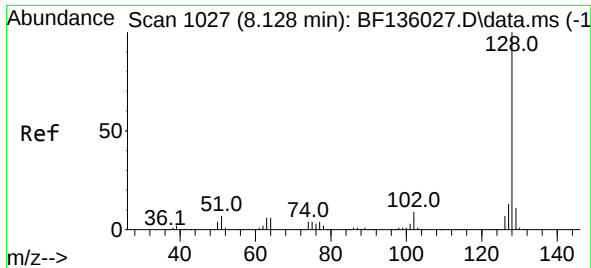
Delta R.T. 0.000 min

Lab File: BF136031.D

Acq: 30 Oct 2023 16:24

Tgt Ion:180 Resp: 376725
 Ion Ratio Lower Upper
 180 100
 182 93.8 76.9 115.3
 145 31.0 24.7 37.1





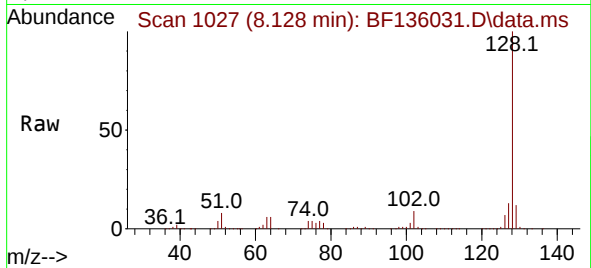
#31
Naphthalene
Concen: 40.214 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

Instrument :

BNA_F

ClientSampleId :

ICVBF103023



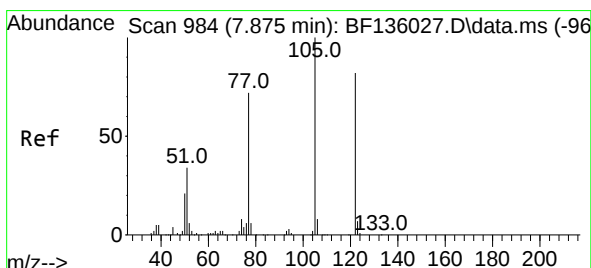
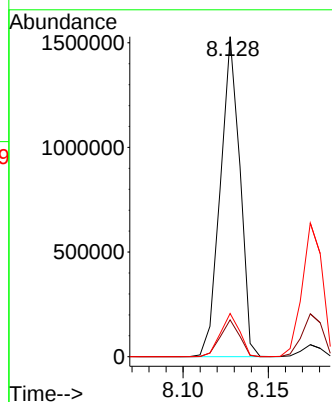
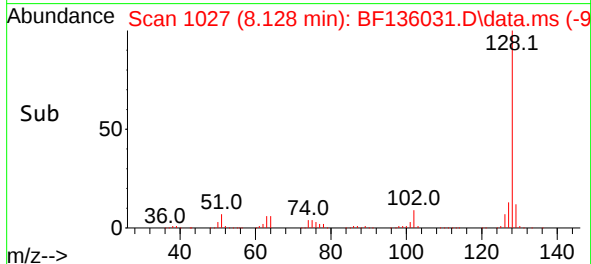
Tgt Ion:128 Resp: 1219018
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 13.5 10.5 15.7

Manual Integrations

APPROVED

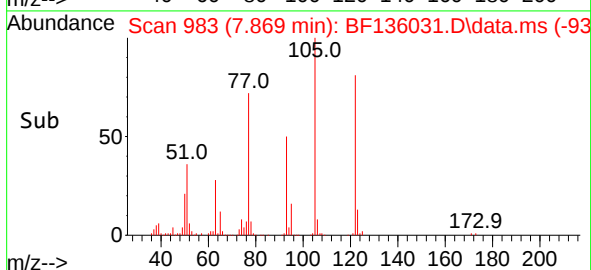
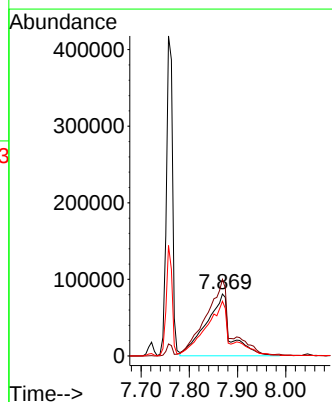
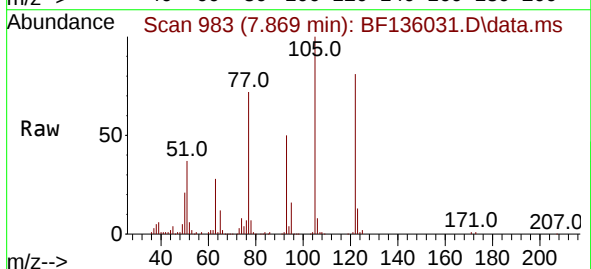
Reviewed By :Yogesh Patel 10/31/2023

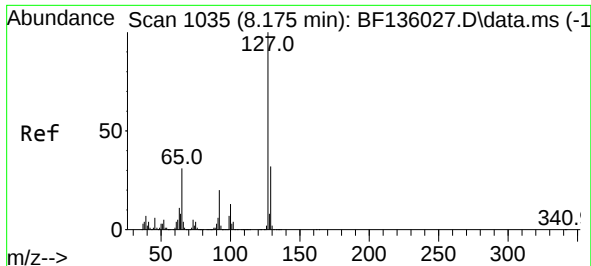
Supervised By :mohammad ahmed 10/31/2023



#32
Benzoic acid
Concen: 40.782 ng m
RT: 7.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

Tgt Ion:122 Resp: 290839
Ion Ratio Lower Upper
122 100
105 123.2 99.5 139.5
77 88.2 66.8 106.8





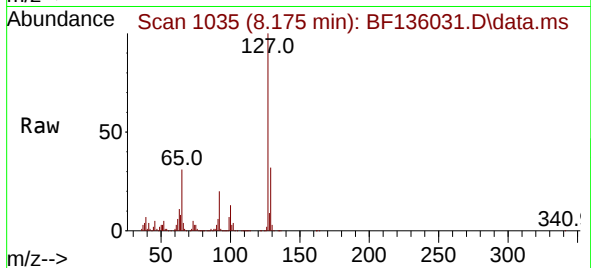
#33
4-Chloroaniline
Concen: 40.267 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

Instrument :

BNA_F

ClientSampleId :

ICVBF103023

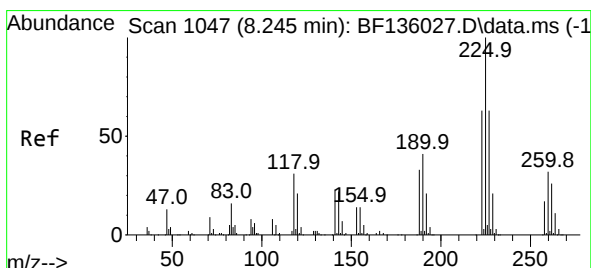
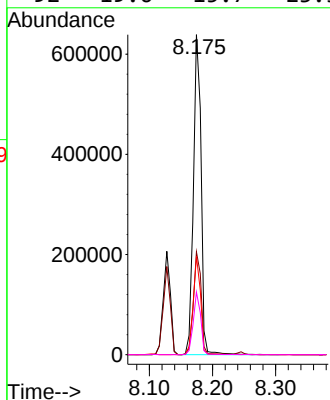
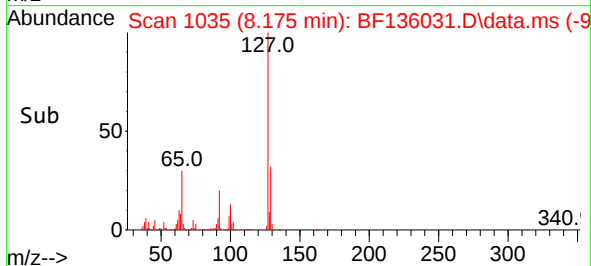


Tgt Ion:127 Resp: 534564
Ion Ratio Lower Upper
127 100
129 32.1 25.9 38.9
65 30.7 24.6 37.0
92 19.6 15.7 23.5

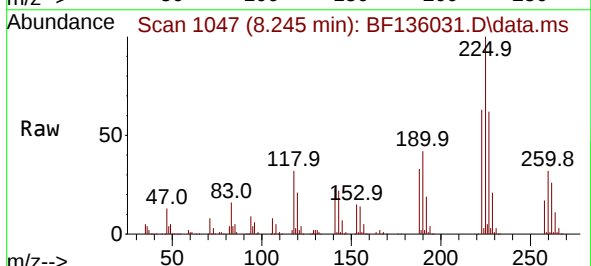
Manual Integrations

APPROVED

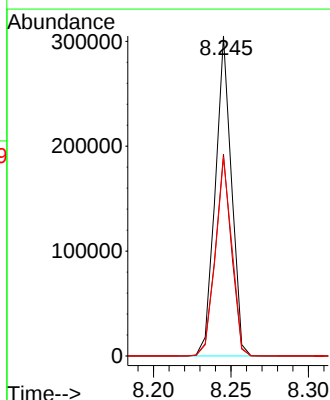
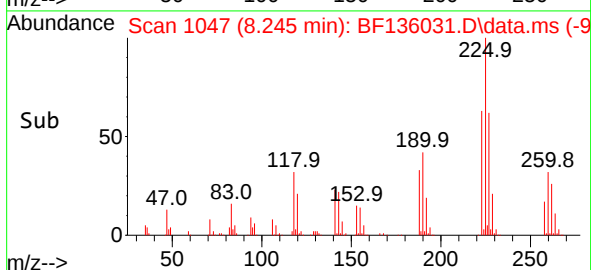
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

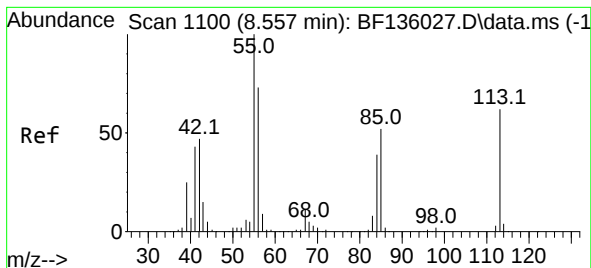


#34
Hexachlorobutadiene
Concen: 41.365 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24



Tgt Ion:225 Resp: 221863
Ion Ratio Lower Upper
225 100
223 63.1 50.3 75.5
227 62.1 50.6 75.8





#35

Caprolactam

Concen: 41.010 ng

RT: 8.551 min Scan# 1100

Delta R.T. -0.006 min

Lab File: BF136031.D

Acq: 30 Oct 2023 16:24

Instrument :

BNA_F

ClientSampleId :

ICVBF103023

Tgt Ion:113 Resp: 11432

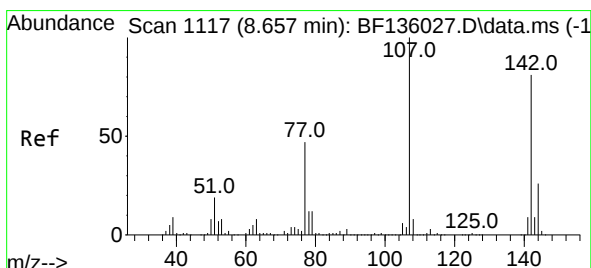
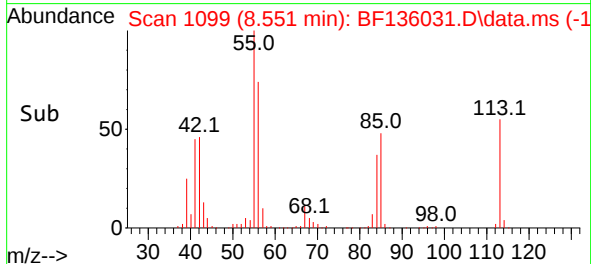
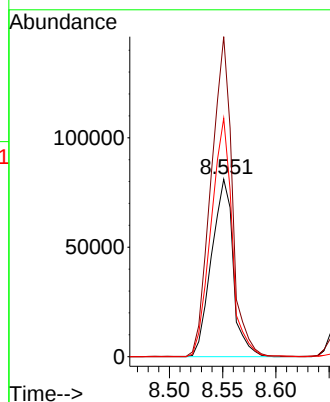
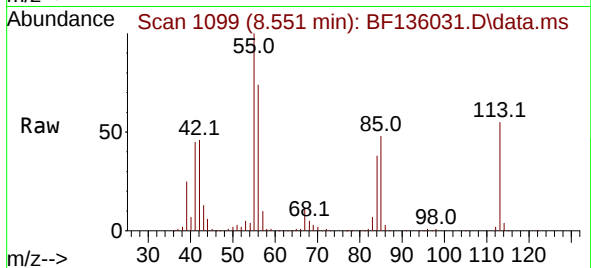
Ion	Ratio	Lower	Upper
113	100		
55	180.3	142.2	182.2
56	134.3	97.7	137.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#36

4-Chloro-3-methylphenol

Concen: 40.944 ng

RT: 8.657 min Scan# 1117

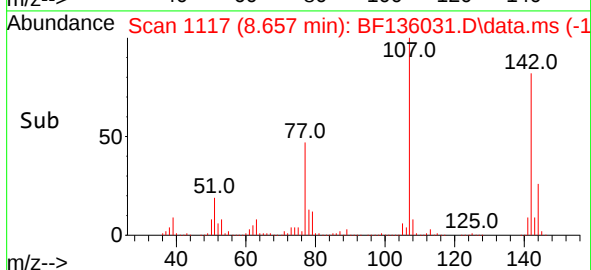
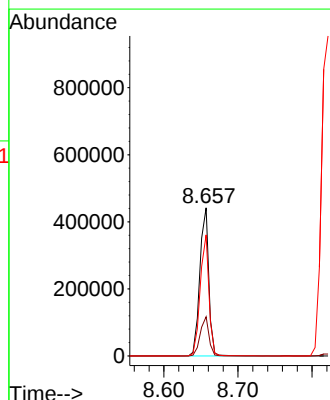
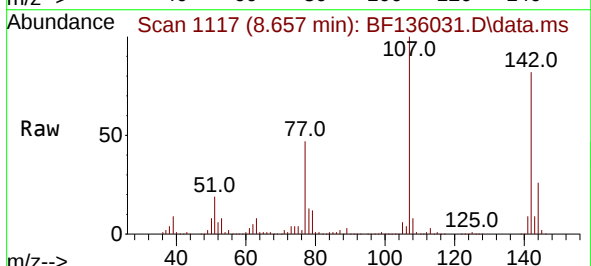
Delta R.T. 0.000 min

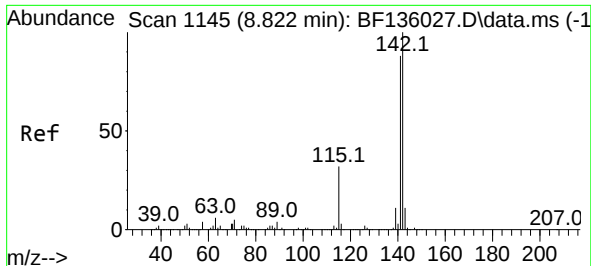
Lab File: BF136031.D

Acq: 30 Oct 2023 16:24

Tgt Ion:107 Resp: 368526

Ion	Ratio	Lower	Upper
107	100		
144	26.4	20.6	31.0
142	81.7	64.6	97.0





#37

2-Methylnaphthalene

Concen: 40.012 ng

RT: 8.822 min Scan# 1145

Delta R.T. 0.000 min

Lab File: BF136031.D

Acq: 30 Oct 2023 16:24

Instrument :

BNA_F

ClientSampleId :

ICVBF103023

Tgt Ion:142 Resp: 813284

Ion Ratio Lower Upper

142 100

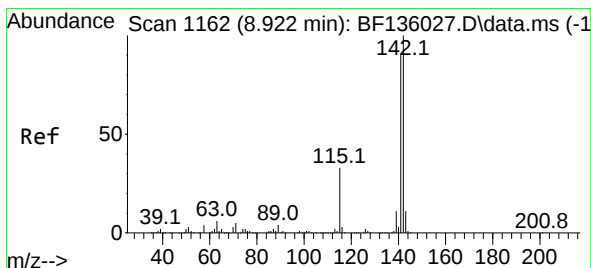
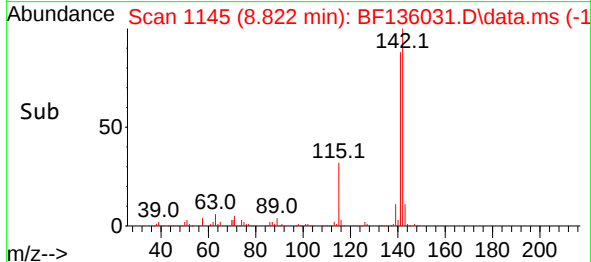
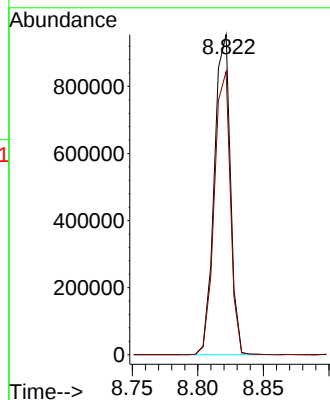
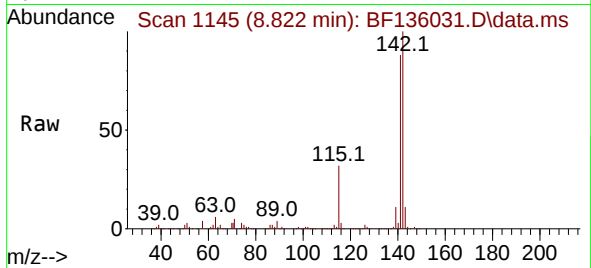
141 88.5 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#38

1-Methylnaphthalene

Concen: 40.456 ng

RT: 8.922 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF136031.D

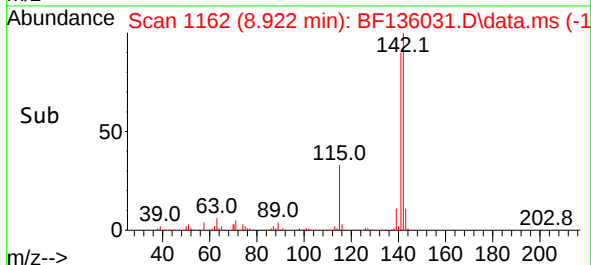
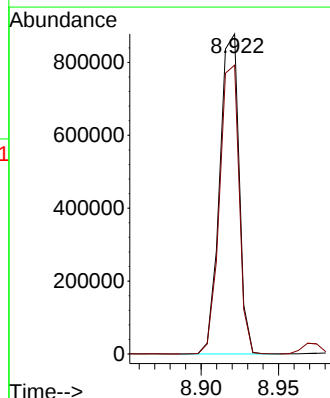
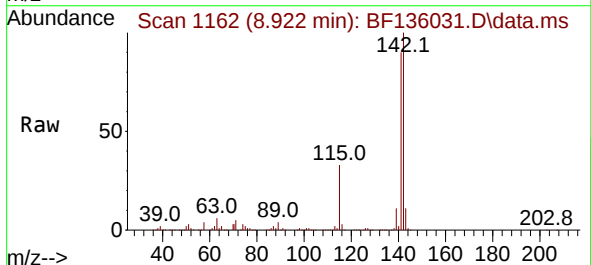
Acq: 30 Oct 2023 16:24

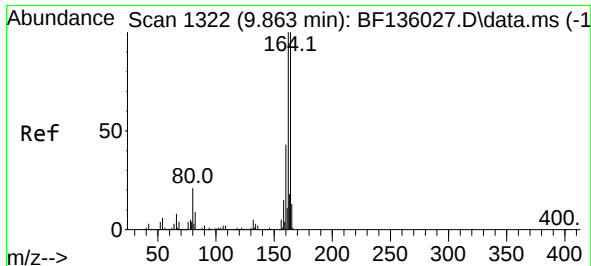
Tgt Ion:142 Resp: 765244

Ion Ratio Lower Upper

142 100

141 90.2 72.6 109.0





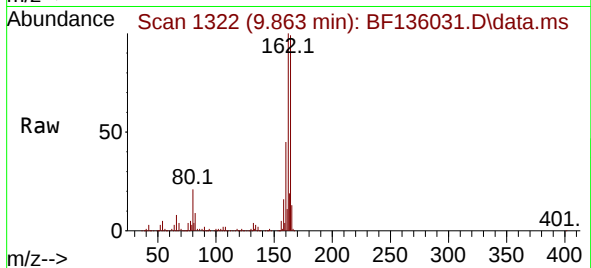
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

Instrument :

BNA_F

ClientSampleId :

ICVBF103023

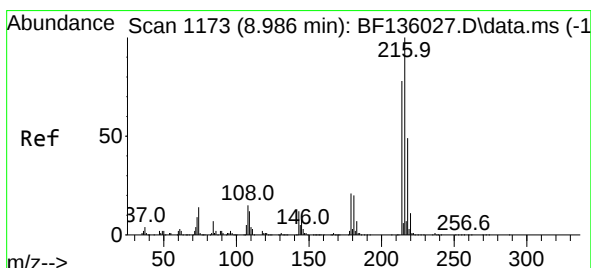
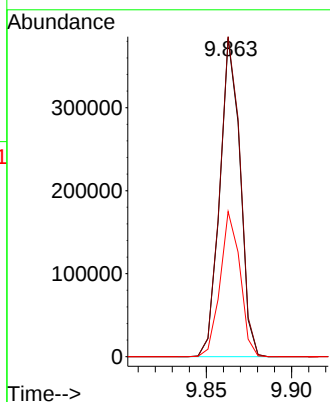
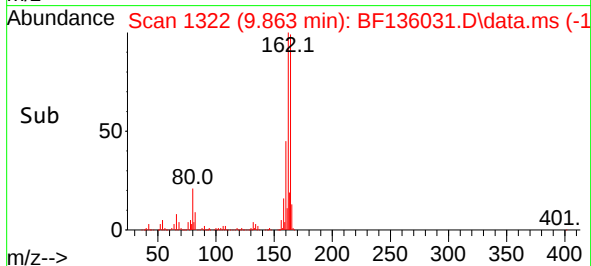


Tgt Ion:164 Resp: 316584
Ion Ratio Lower Upper
164 100
162 100.6 80.1 120.1
160 45.6 34.8 52.2

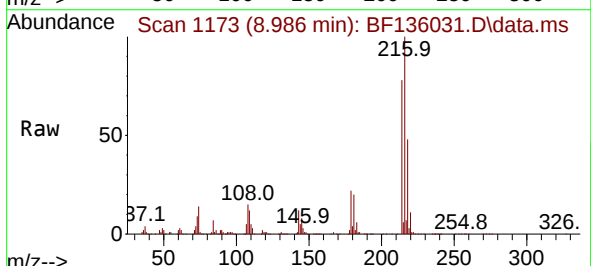
Manual Integrations

APPROVED

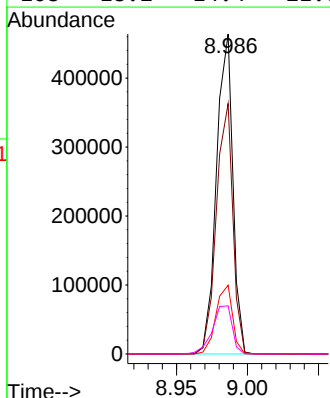
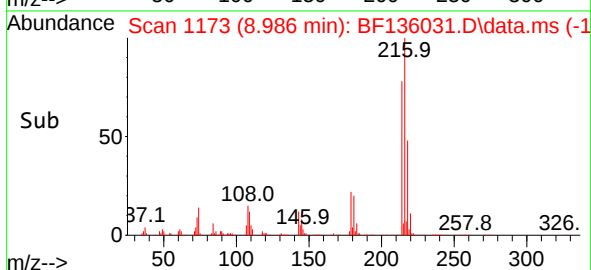
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.065 ng
RT: 8.986 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24



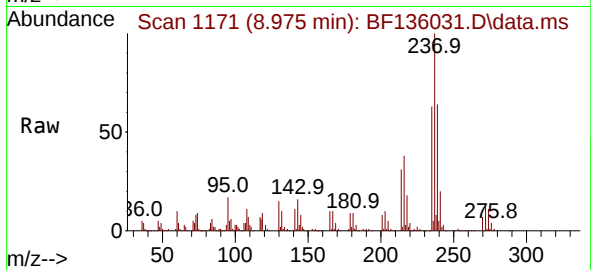
Tgt Ion:216 Resp: 370760
Ion Ratio Lower Upper
216 100
214 78.8 63.8 95.6
179 21.7 17.5 26.3
108 18.2 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 43.680 ng
RT: 8.975 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

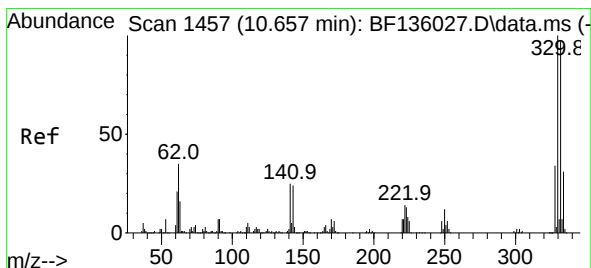
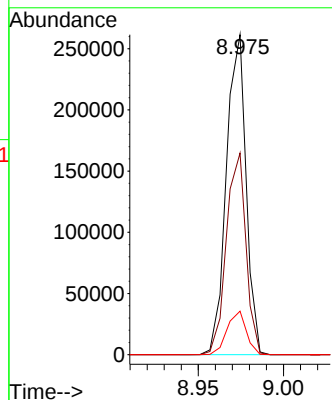
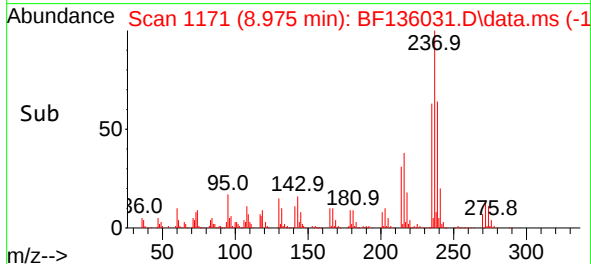
Instrument :
BNA_F
ClientSampleId :
ICVBF103023



Tgt Ion:237 Resp: 21069
Ion Ratio Lower Upper
237 100
235 63.0 43.3 83.3
272 13.6 0.0 34.2

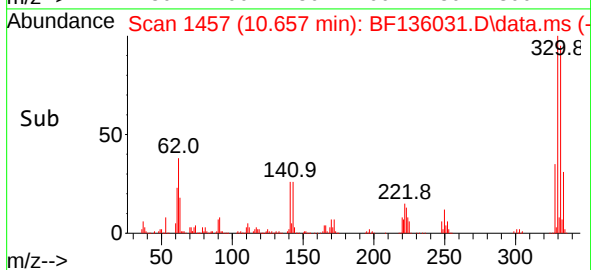
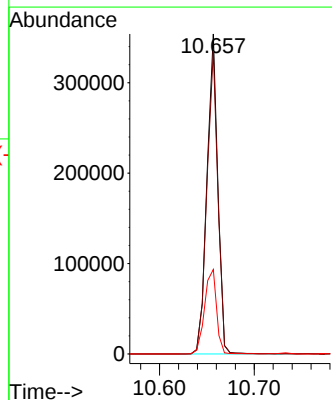
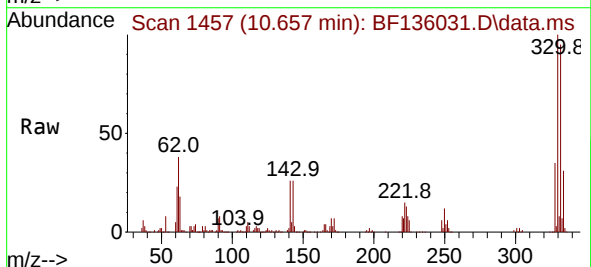
Manual Integrations
APPROVED

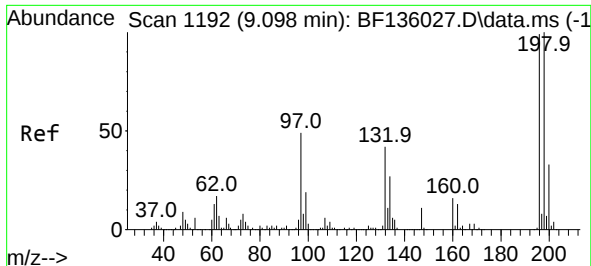
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#42
2,4,6-Tribromophenol
Concen: 83.303 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

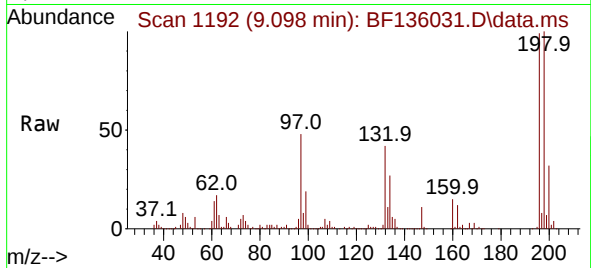
Tgt Ion:330 Resp: 281493
Ion Ratio Lower Upper
330 100
332 96.1 76.9 115.3
141 29.3 23.2 34.8





#43
2,4,6-Trichlorophenol
Concen: 41.870 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

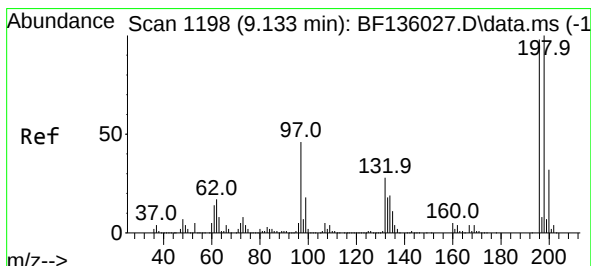
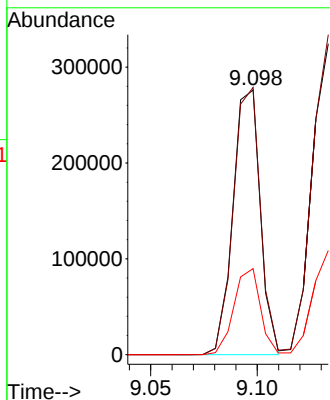
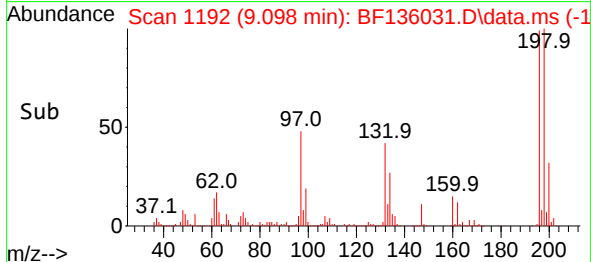
Instrument :
BNA_F
ClientSampleId :
ICVBF103023



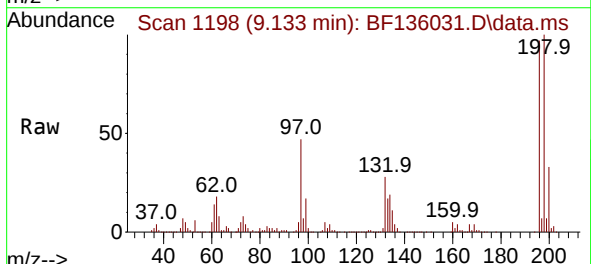
Tgt Ion:196 Resp: 246485
Ion Ratio Lower Upper
196 100
198 101.0 80.7 121.1
200 32.5 26.8 40.2

Manual Integrations
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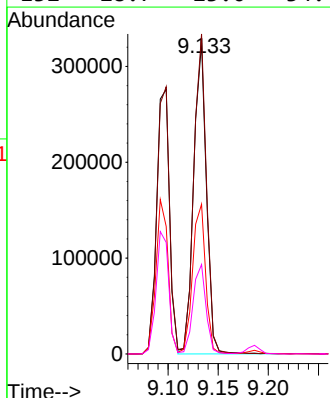
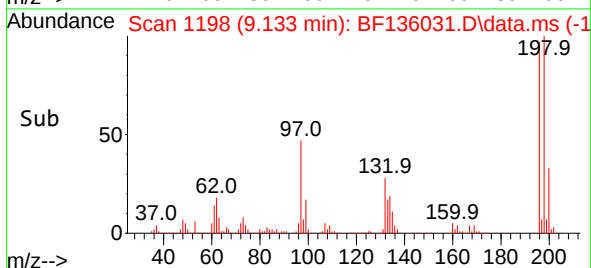
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

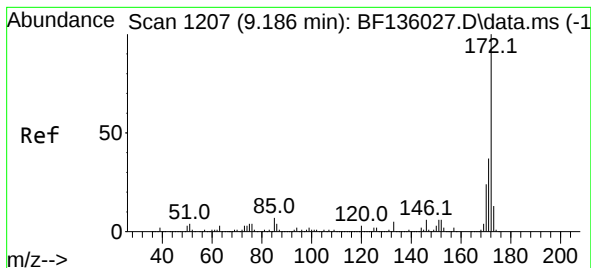


#44
2,4,5-Trichlorophenol
Concen: 42.155 ng
RT: 9.133 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24



Tgt Ion:196 Resp: 287462
Ion Ratio Lower Upper
196 100
198 102.9 81.6 122.4
97 48.1 38.2 57.2
132 28.7 23.0 34.4





#45

2-Fluorobiphenyl

Concen: 81.084 ng

RT: 9.186 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF136031.D

Acq: 30 Oct 2023 16:24

Instrument :

BNA_F

ClientSampleId :

ICVBF103023

Tgt Ion:172 Resp: 161030

Ion Ratio Lower Upper

172 100

171 35.4 29.4 44.0

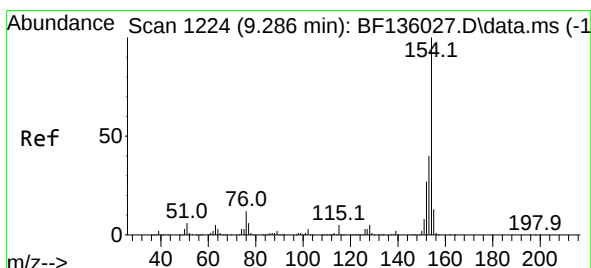
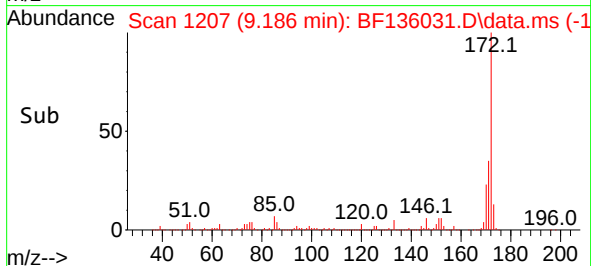
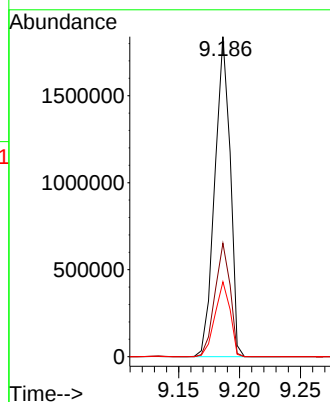
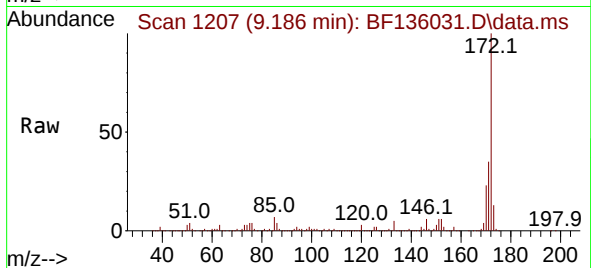
170 23.4 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#46

1,1'-Biphenyl

Concen: 40.980 ng

RT: 9.286 min Scan# 1224

Delta R.T. 0.000 min

Lab File: BF136031.D

Acq: 30 Oct 2023 16:24

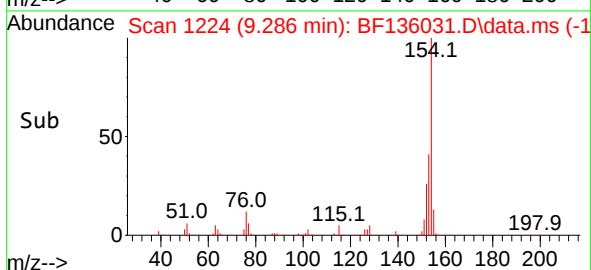
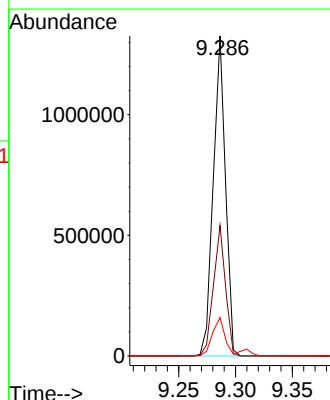
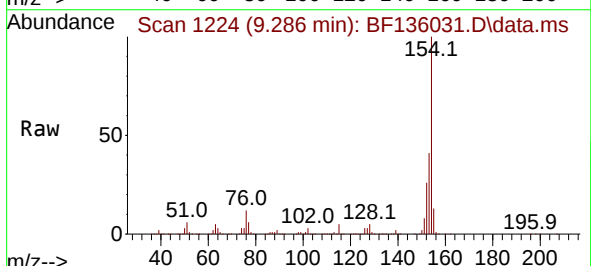
Tgt Ion:154 Resp: 988992

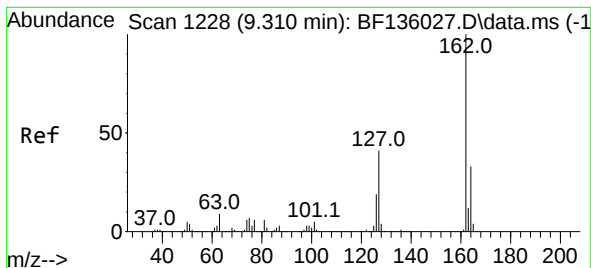
Ion Ratio Lower Upper

154 100

153 40.7 20.1 60.1

76 12.0 0.0 32.5





#47

2-Chloronaphthalene

Concen: 40.956 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF136031.D

Acq: 30 Oct 2023 16:24

Instrument :

BNA_F

ClientSampleId :

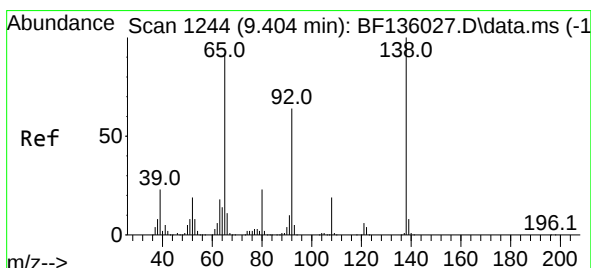
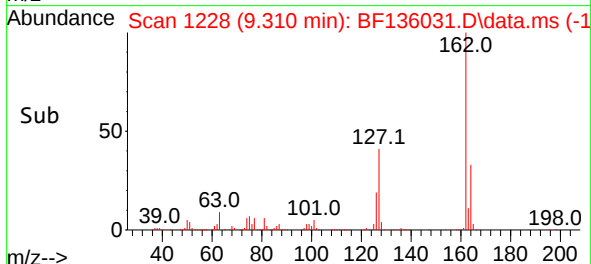
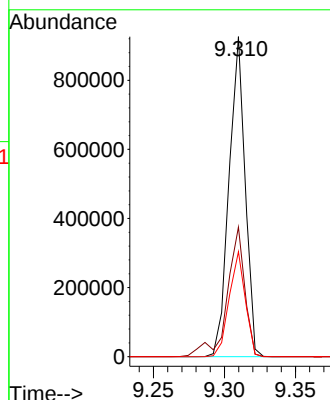
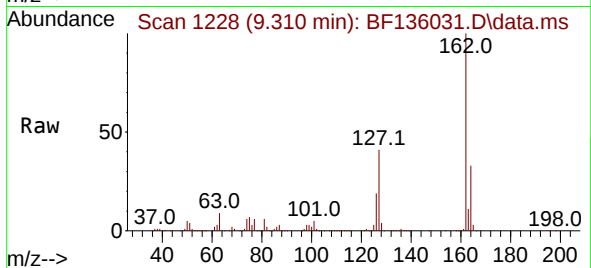
ICVBF103023

Tgt Ion:162 Resp: 72866

Ion	Ratio	Lower	Upper
162	100		
127	40.5	32.4	48.6
164	32.8	26.7	40.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#48

2-Nitroaniline

Concen: 44.206 ng

RT: 9.404 min Scan# 1244

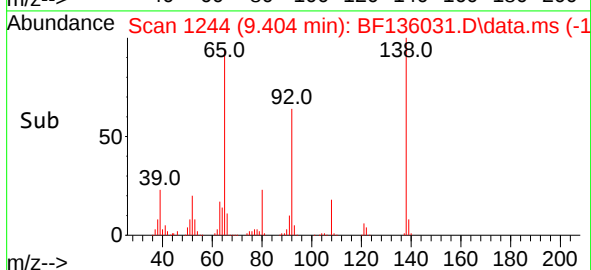
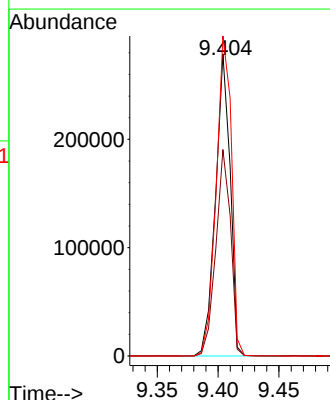
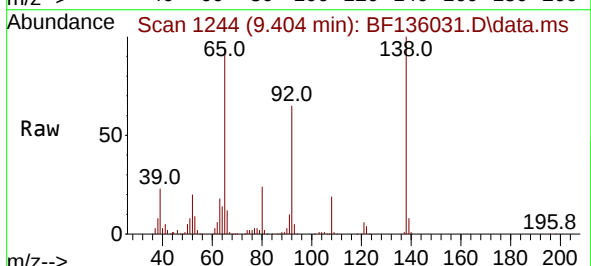
Delta R.T. 0.000 min

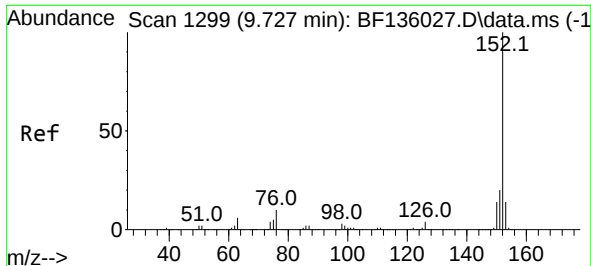
Lab File: BF136031.D

Acq: 30 Oct 2023 16:24

Tgt Ion: 65 Resp: 232759

Ion	Ratio	Lower	Upper
65	100		
92	68.3	55.7	83.5
138	105.9	86.8	130.2





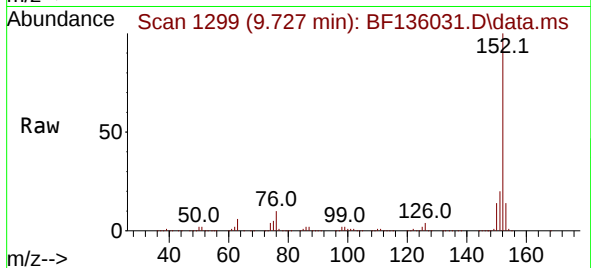
#49
Acenaphthylene
Concen: 41.112 ng
RT: 9.727 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

Instrument :

BNA_F

ClientSampleId :

ICVBF103023



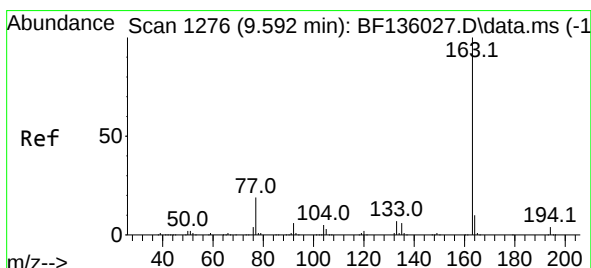
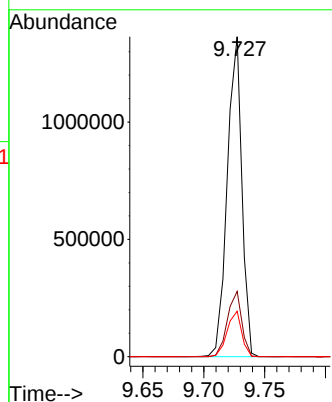
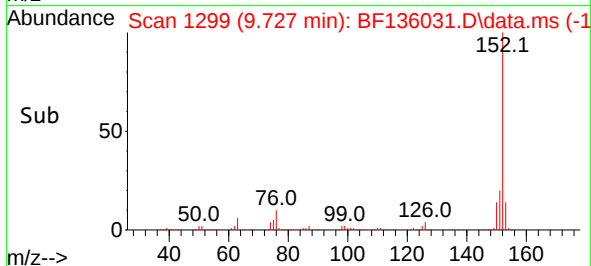
Tgt Ion:152 Resp: 1141072
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1
153 14.2 11.4 17.2

Manual Integrations

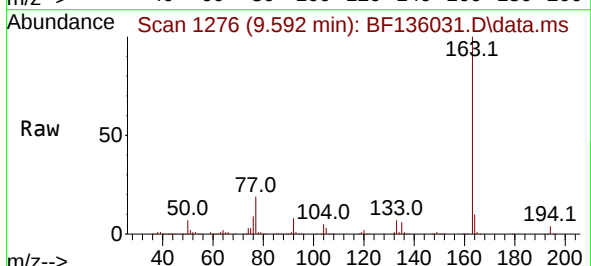
APPROVED

Reviewed By :Yogesh Patel 10/31/2023

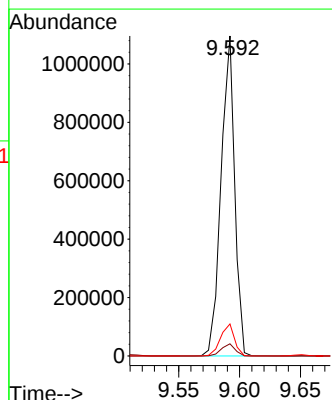
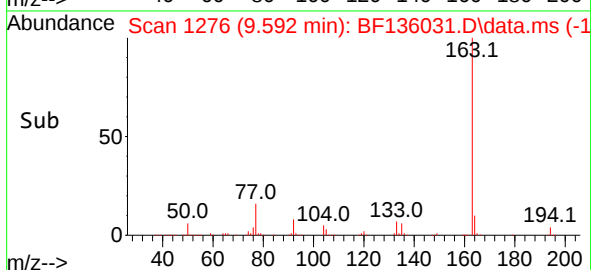
Supervised By :mohammad ahmed 10/31/2023

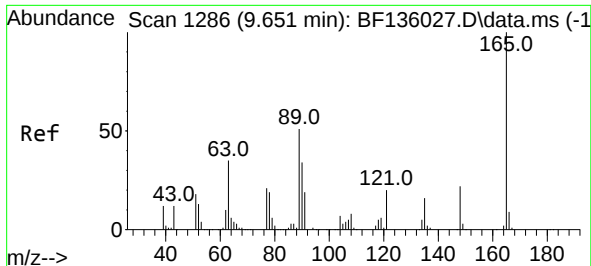


#50
Dimethylphthalate
Concen: 40.961 ng
RT: 9.592 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24



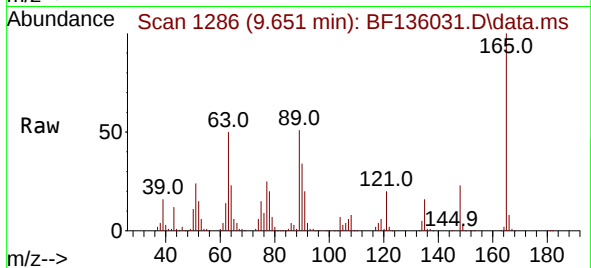
Tgt Ion:163 Resp: 855355
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.0 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 43.711 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

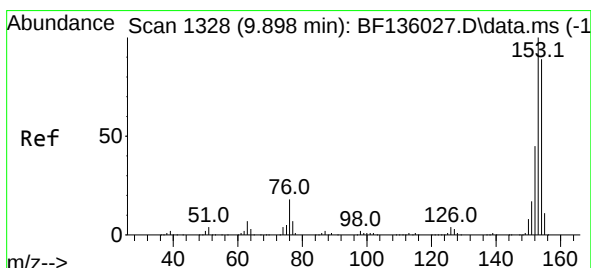
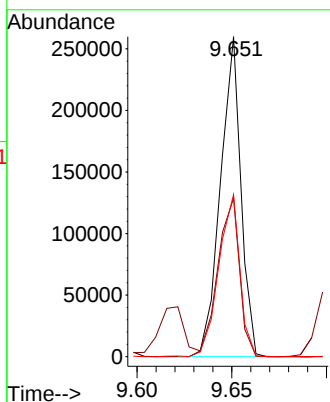
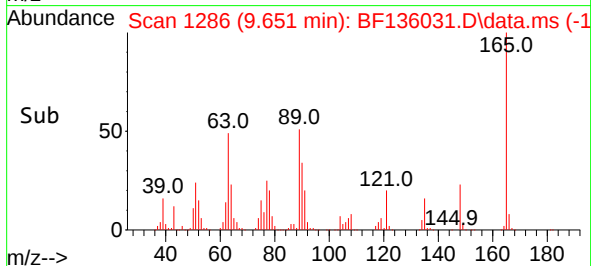
Instrument :
BNA_F
ClientSampleId :
ICVBF103023



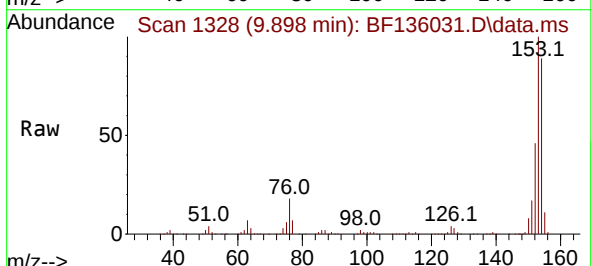
Tgt Ion:165 Resp: 195227
Ion Ratio Lower Upper
165 100
63 49.5 40.8 61.2
89 50.7 41.1 61.7

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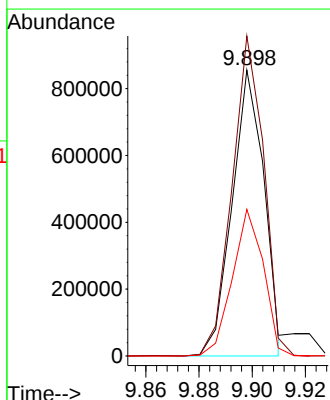
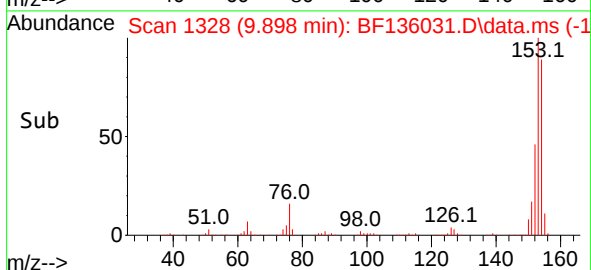
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

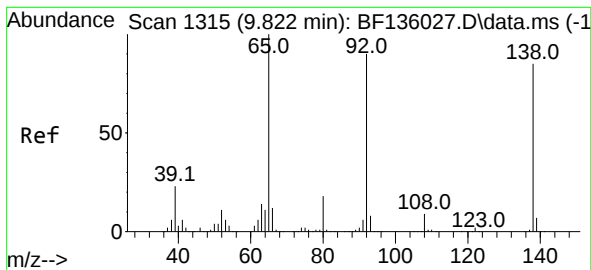


#52
Acenaphthene
Concen: 40.334 ng m
RT: 9.898 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24



Tgt Ion:154 Resp: 711657
Ion Ratio Lower Upper
154 100
153 111.9 89.9 134.9
152 51.3 40.2 60.2





#53
3-Nitroaniline
Concen: 43.301 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

Instrument :

BNA_F

ClientSampleId :

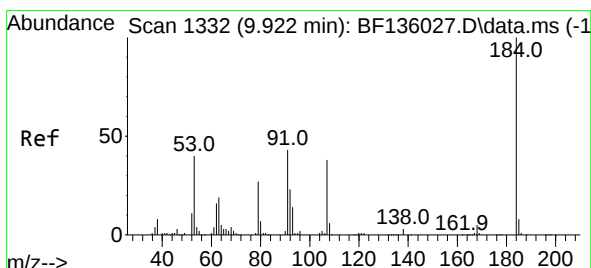
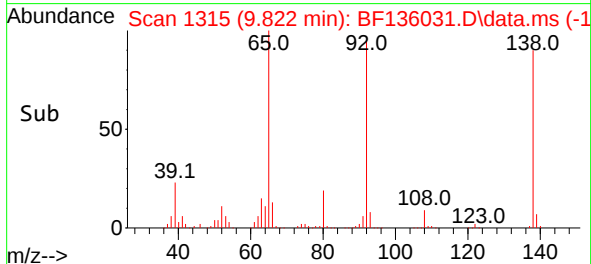
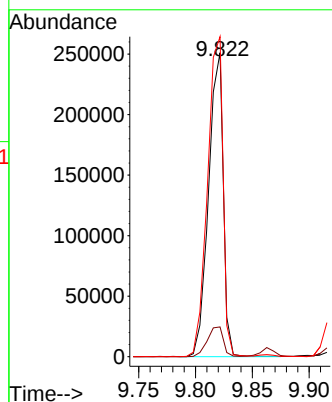
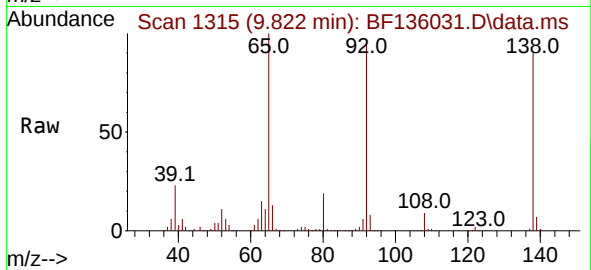
ICVBF103023

Tgt Ion:138 Resp: 225650
Ion Ratio Lower Upper
138 100
108 9.8 8.8 13.2
92 105.3 84.6 126.8

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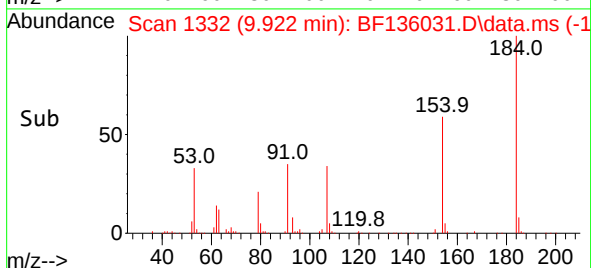
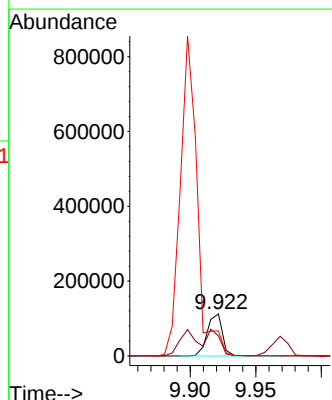
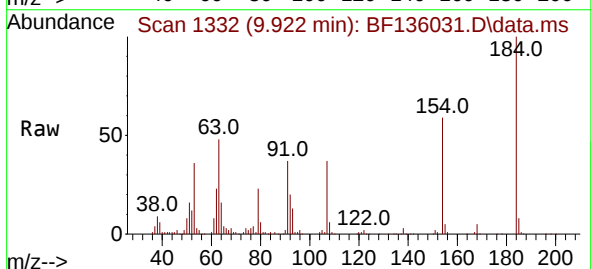
APPROVED

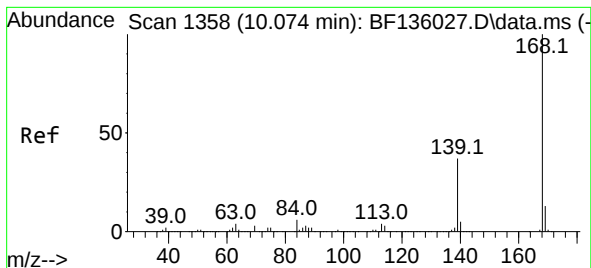
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#54
2,4-Dinitrophenol
Concen: 41.562 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

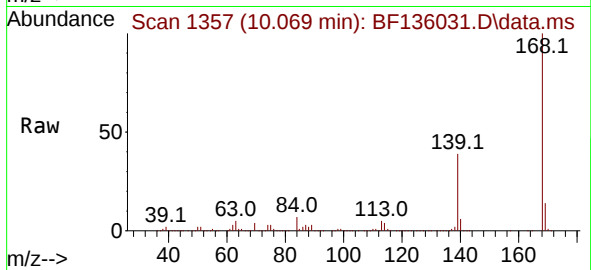
Tgt Ion:184 Resp: 90301
Ion Ratio Lower Upper
184 100
63 48.1 43.7 65.5
154 59.4 51.2 76.8





#55
Dibenzenofuran
Concen: 40.683 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.006 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

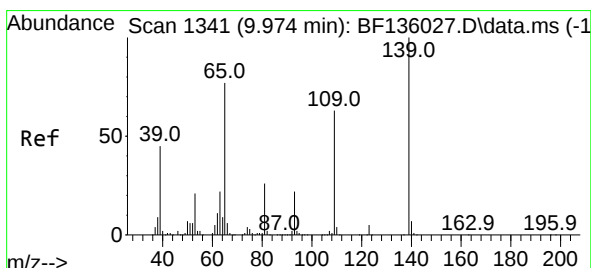
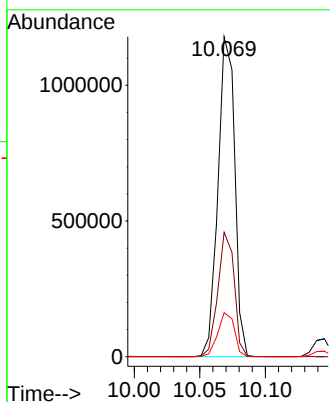
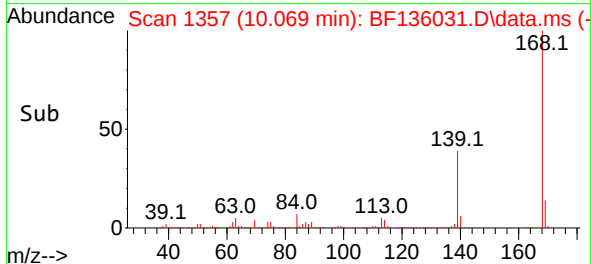
Instrument :
BNA_F
ClientSampleId :
ICVBF103023



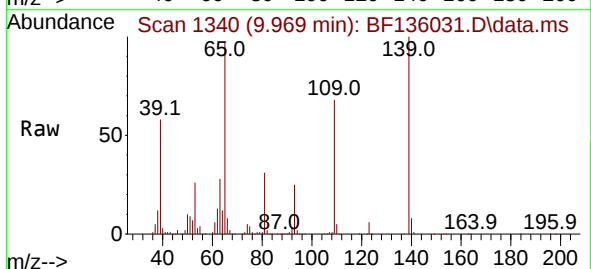
Tgt Ion:168 Resp: 1046683
Ion Ratio Lower Upper
168 100
139 38.9 29.4 44.0
169 13.7 10.5 15.7

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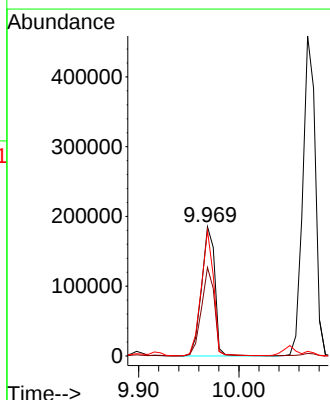
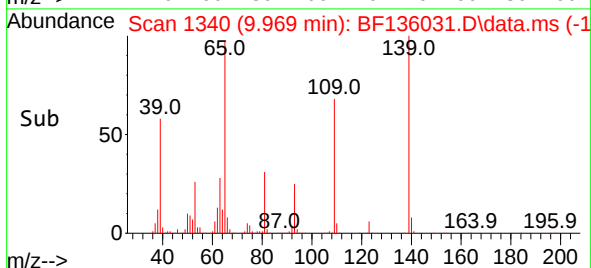
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

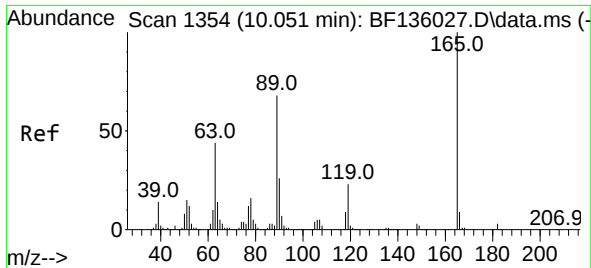


#56
4-Nitrophenol
Concen: 44.142 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24



Tgt Ion:139 Resp: 172075
Ion Ratio Lower Upper
139 100
109 68.4 43.2 83.2
65 97.1 57.6 97.6





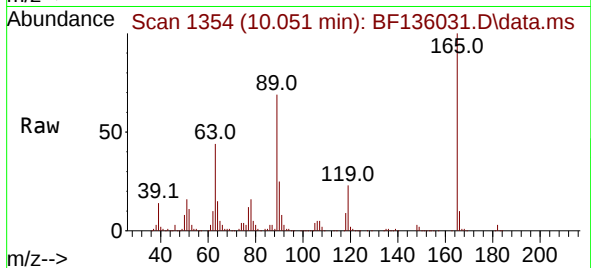
#57
2,4-Dinitrotoluene
Concen: 44.723 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

Instrument :

BNA_F

ClientSampleId :

ICVBF103023

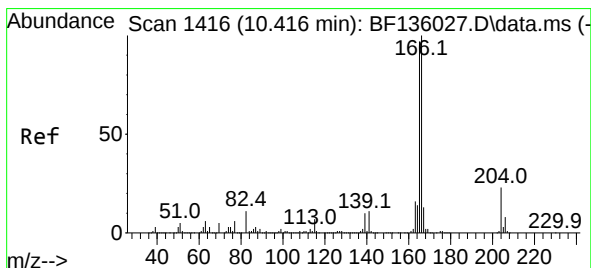
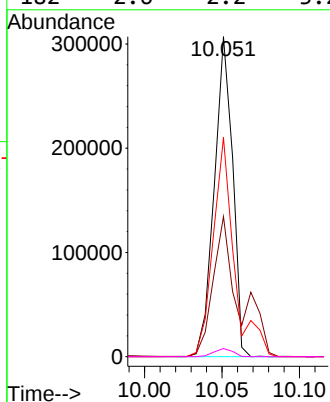
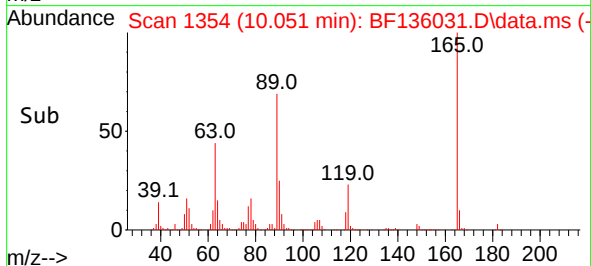


Tgt Ion:165 Resp: 252724
Ion Ratio Lower Upper
165 100
63 43.8 35.2 52.8
89 68.5 54.8 82.2
182 2.6 2.2 3.2

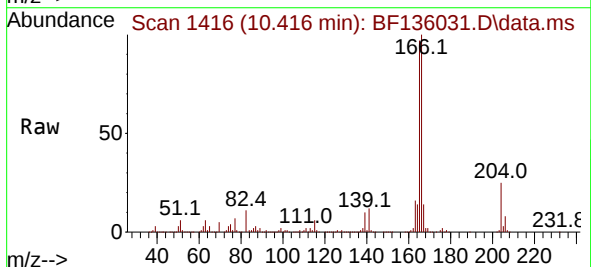
Manual Integrations

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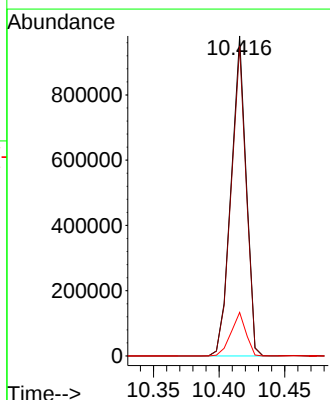
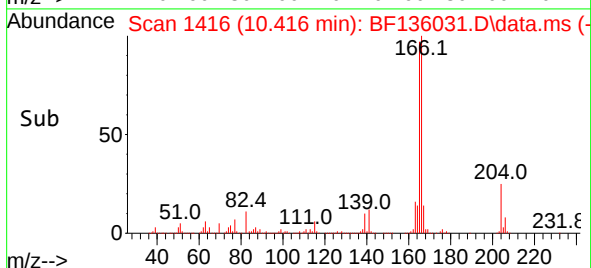
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

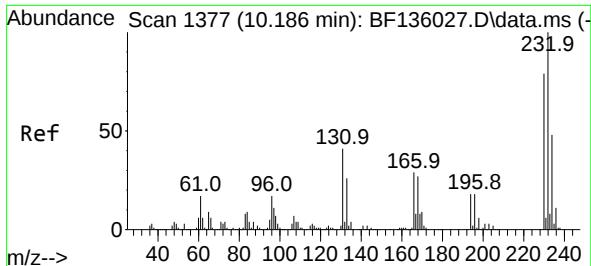


#58
Fluorene
Concen: 40.804 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24



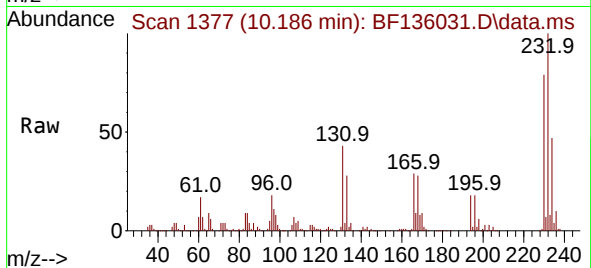
Tgt Ion:166 Resp: 786011
Ion Ratio Lower Upper
166 100
165 96.9 77.7 116.5
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.814 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

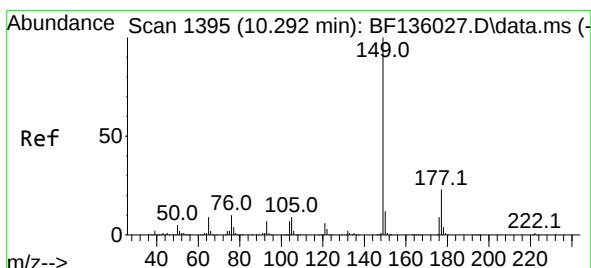
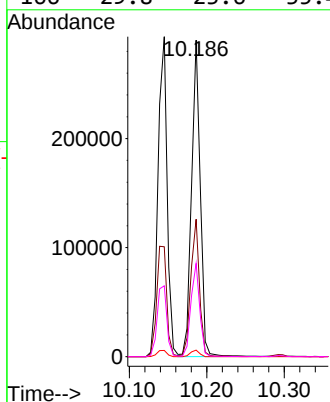
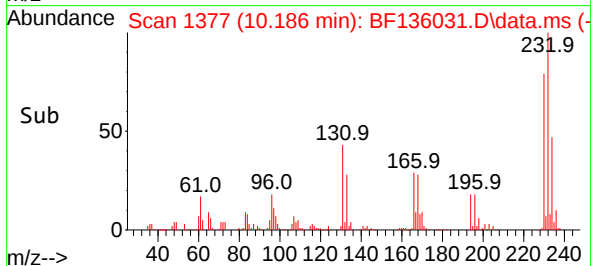
Instrument :
BNA_F
ClientSampleId :
ICVBF103023



Tgt Ion:232 Resp: 226695
Ion Ratio Lower Upper
232 100
131 43.3 34.6 52.0
130 2.1 1.6 2.4
166 29.8 23.6 35.4

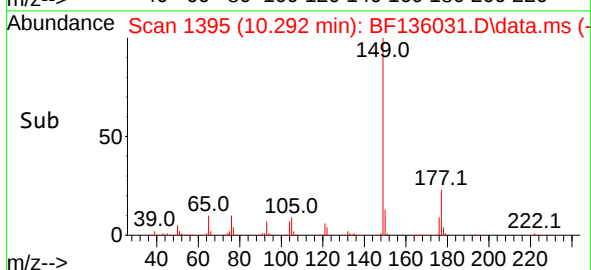
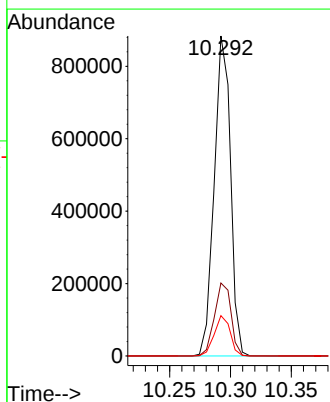
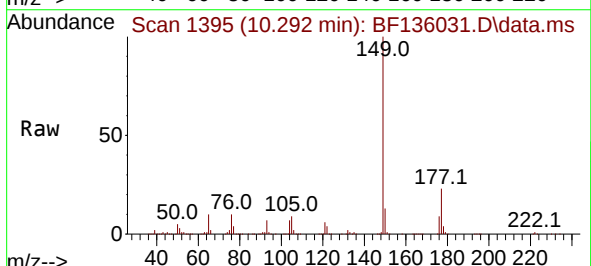
Manual Integrations
APPROVED

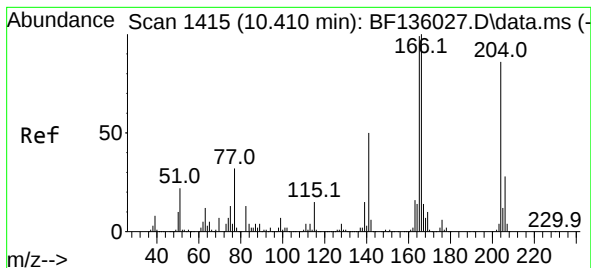
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#60
Diethylphthalate
Concen: 41.278 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

Tgt Ion:149 Resp: 823602
Ion Ratio Lower Upper
149 100
177 22.8 18.2 27.4
150 12.6 9.9 14.9





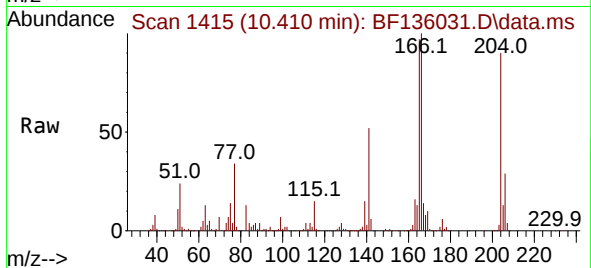
#61
4-Chlorophenyl-phenylether
Concen: 40.082 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

Instrument :

BNA_F

ClientSampleId :

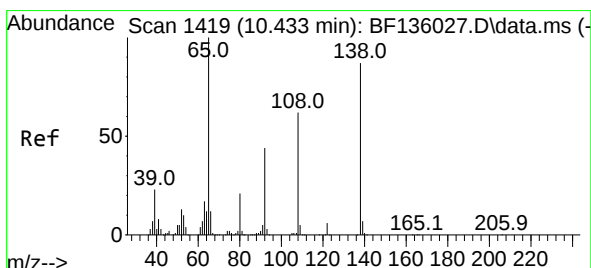
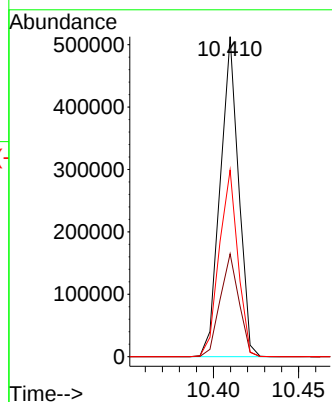
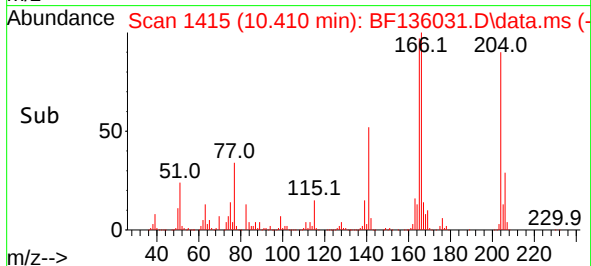
ICVBF103023



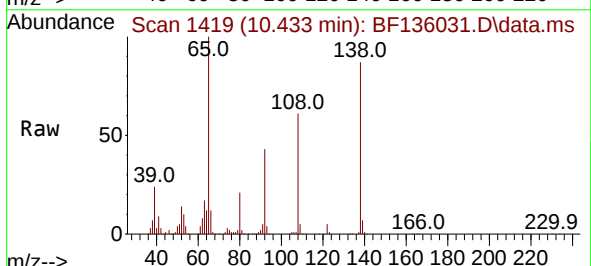
Tgt Ion:204 Resp: 38541
Ion Ratio Lower Upper
204 100
206 32.2 26.6 39.8
141 58.4 46.8 70.2

Manual Integrations
APPROVED

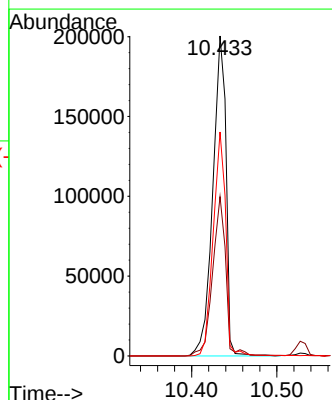
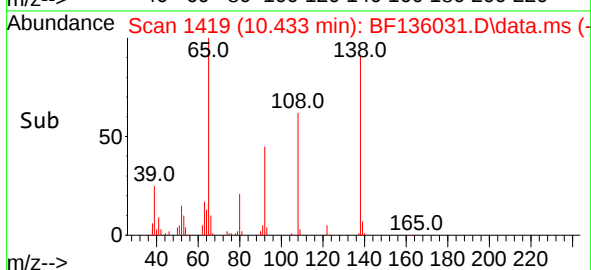
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

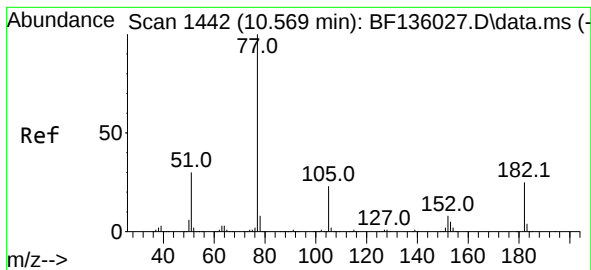


#62
4-Nitroaniline
Concen: 43.303 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24



Tgt Ion:138 Resp: 217303
Ion Ratio Lower Upper
138 100
92 49.8 30.6 70.6
108 70.0 51.5 91.5





#63

Azobenzene

Concen: 40.940 ng

RT: 10.569 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF136031.D

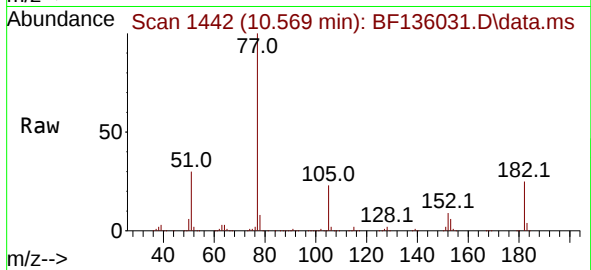
Acq: 30 Oct 2023 16:24

Instrument :

BNA_F

ClientSampleId :

ICVBF103023



Tgt Ion: 77 Resp: 78668

Ion Ratio Lower Upper

77 100

182 25.0 5.0 45.0

105 23.2 2.6 42.6

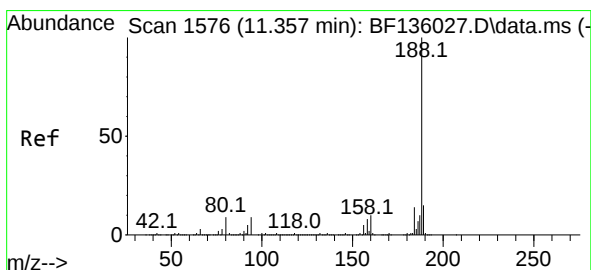
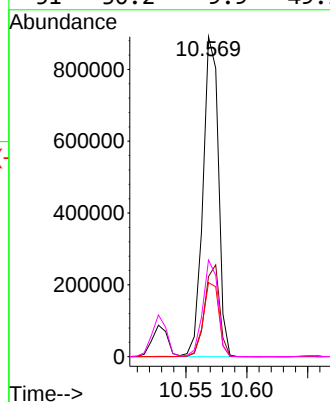
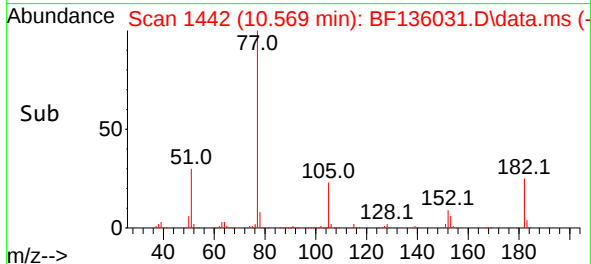
51 30.2 9.9 49.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1576

Delta R.T. -0.000 min

Lab File: BF136031.D

Acq: 30 Oct 2023 16:24

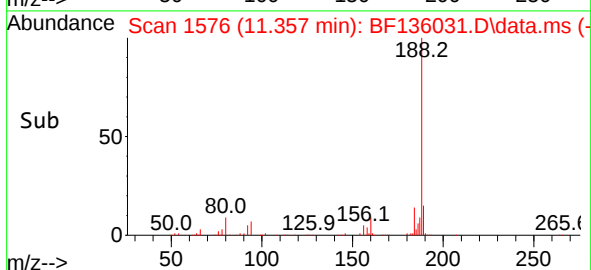
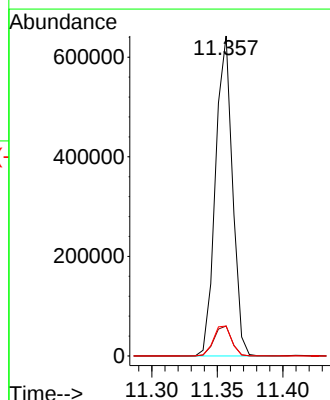
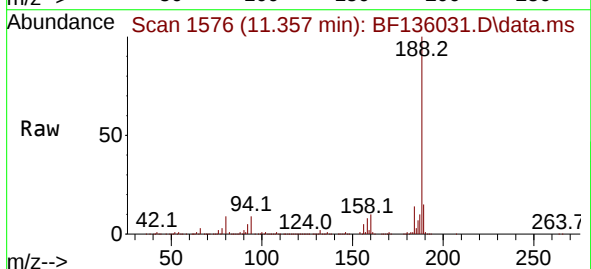
Tgt Ion:188 Resp: 576835

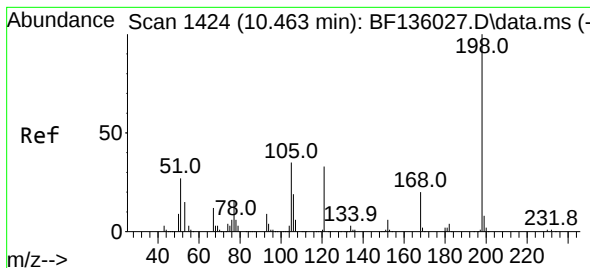
Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

80 9.3 7.4 11.0





#65
4,6-Dinitro-2-methylphenol
Concen: 41.212 ng
RT: 10.457 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

Instrument :

BNA_F

ClientSampleId :

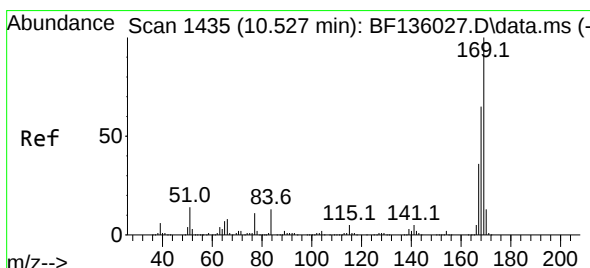
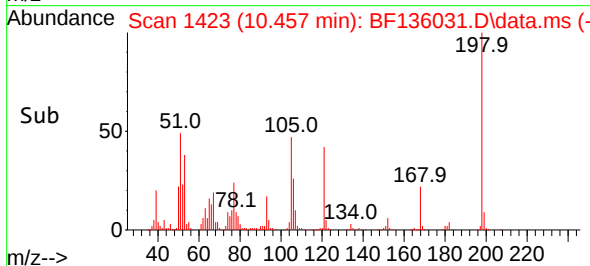
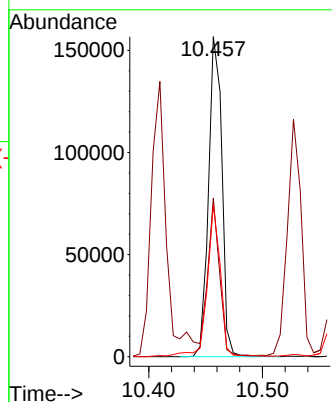
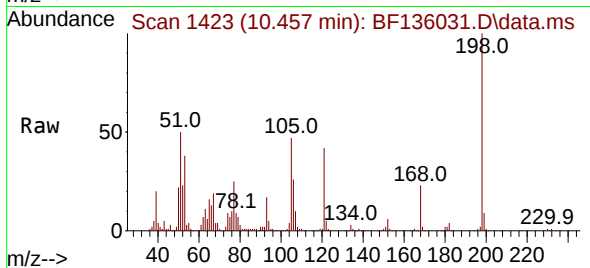
ICVBF103023

Tgt Ion:198 Resp: 12767
Ion Ratio Lower Upper
198 100
51 49.6 12.9 52.9
105 47.4 16.0 56.0

Manual Integrations

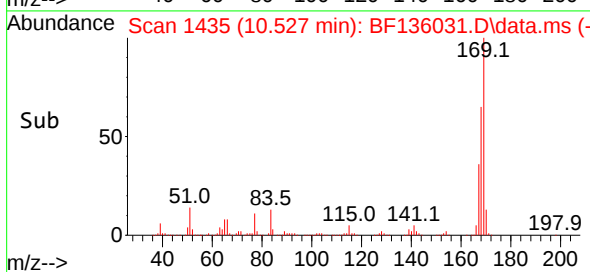
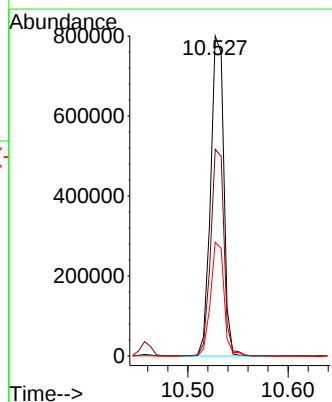
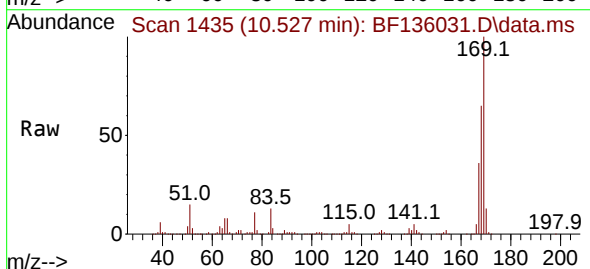
APPROVED

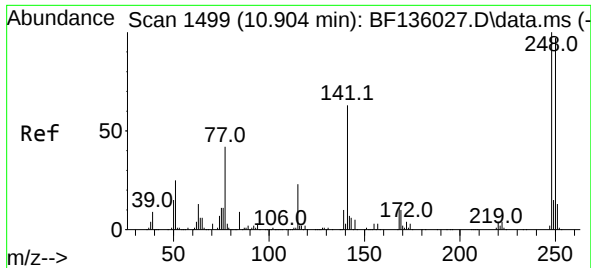
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#66
n-Nitrosodiphenylamine
Concen: 41.823 ng
RT: 10.527 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

Tgt Ion:169 Resp: 727766
Ion Ratio Lower Upper
169 100
168 64.6 52.2 78.2
167 35.6 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 42.437 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

Instrument :

BNA_F

ClientSampleId :

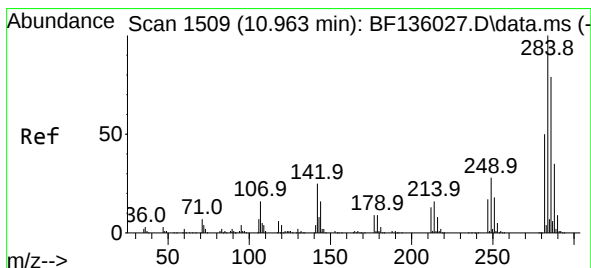
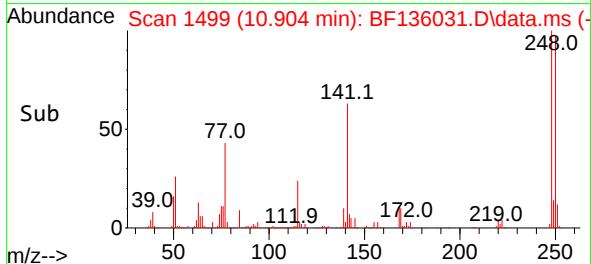
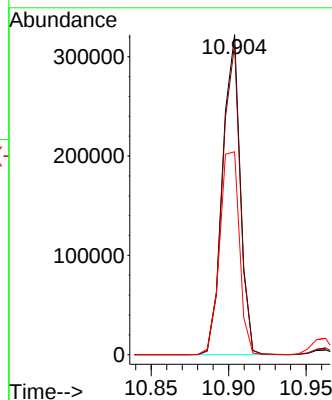
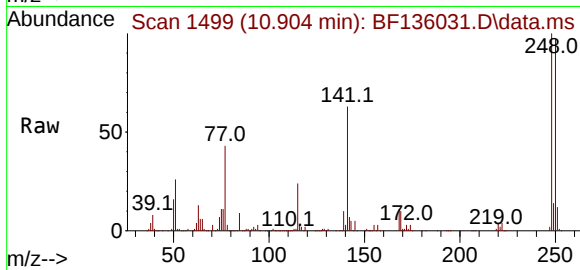
ICVBF103023

Tgt Ion:248 Resp: 256640
Ion Ratio Lower Upper
248 100
250 96.9 77.6 116.4
141 63.4 50.4 75.6

Manual Integrations

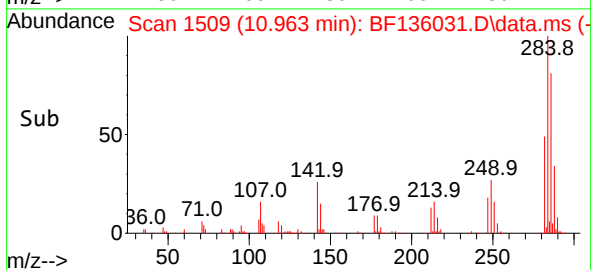
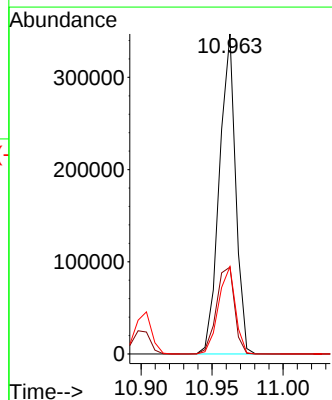
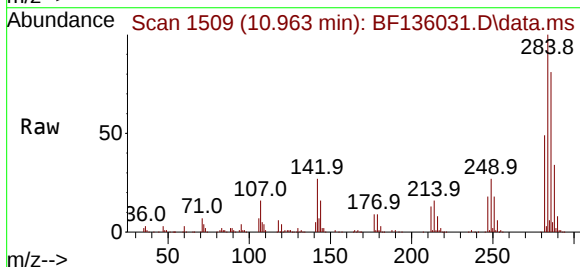
APPROVED

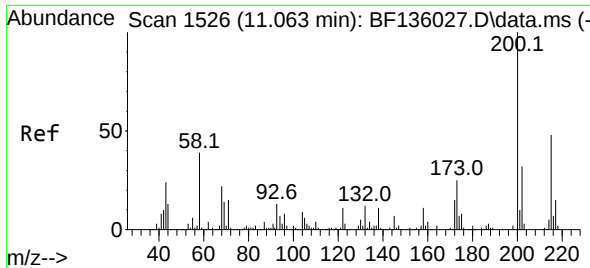
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#68
Hexachlorobenzene
Concen: 42.787 ng
RT: 10.963 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

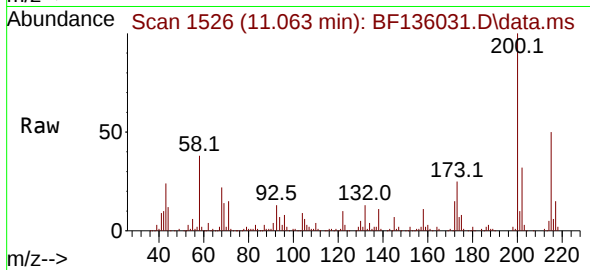
Tgt Ion:284 Resp: 276361
Ion Ratio Lower Upper
284 100
142 27.1 20.2 30.4
249 27.3 22.6 33.8





#69
 Atrazine
 Concen: 40.987 ng
 RT: 11.063 min Scan# 11063
 Delta R.T. 0.000 min
 Lab File: BF136031.D
 Acq: 30 Oct 2023 16:24

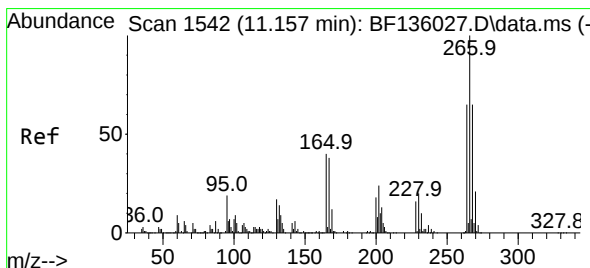
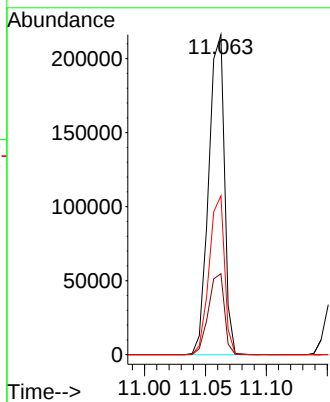
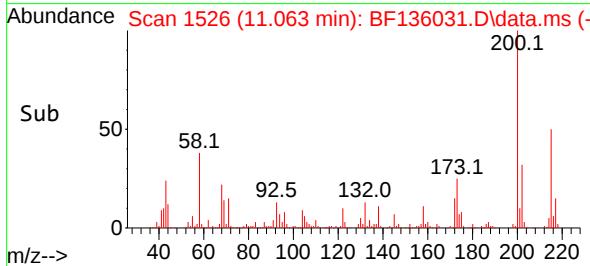
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF103023



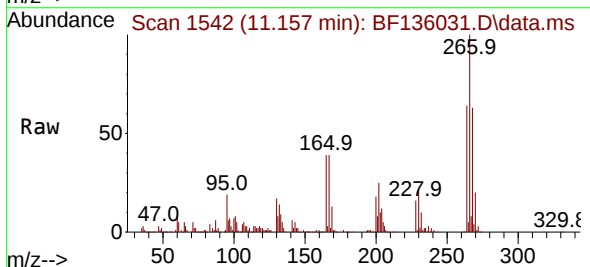
Tgt Ion:200 Resp: 194050
 Ion Ratio Lower Upper
 200 100
 173 25.3 5.2 45.2
 215 49.7 28.4 68.4

Manual Integrations
 APPROVED

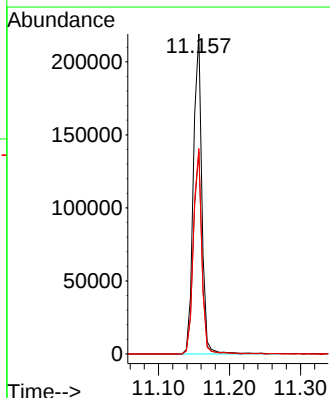
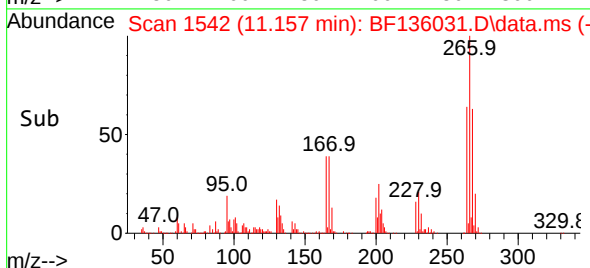
Reviewed By :Yogesh Patel 10/31/2023
 Supervised By :mohammad ahmed 10/31/2023

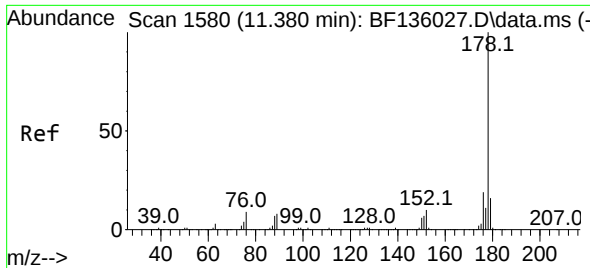


#70
 Pentachlorophenol
 Concen: 43.964 ng
 RT: 11.157 min Scan# 1542
 Delta R.T. 0.000 min
 Lab File: BF136031.D
 Acq: 30 Oct 2023 16:24



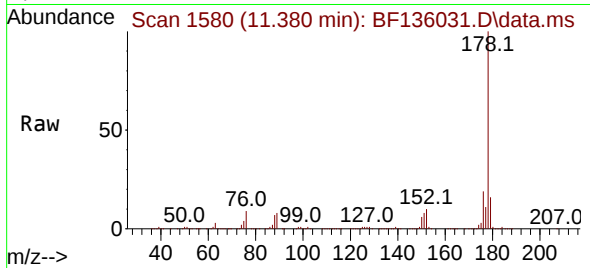
Tgt Ion:266 Resp: 182367
 Ion Ratio Lower Upper
 266 100
 268 63.2 52.2 78.4
 264 64.2 52.2 78.4





#71
Phenanthrene
Concen: 41.461 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

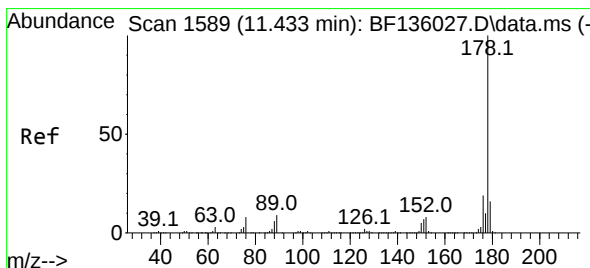
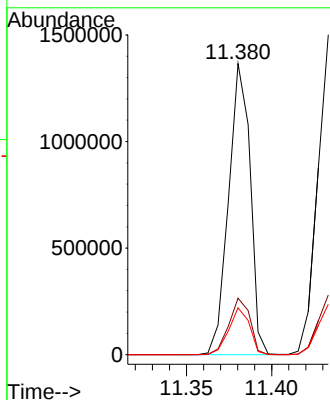
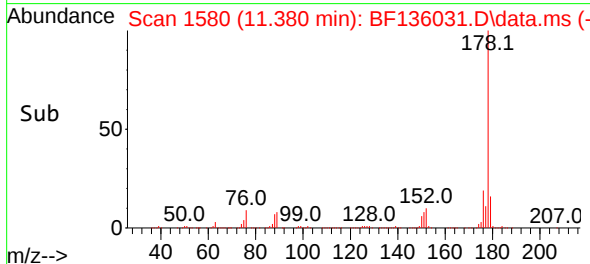
Instrument :
BNA_F
ClientSampleId :
ICVBF103023



Tgt Ion:178 Resp: 120418
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 16.1 12.9 19.3

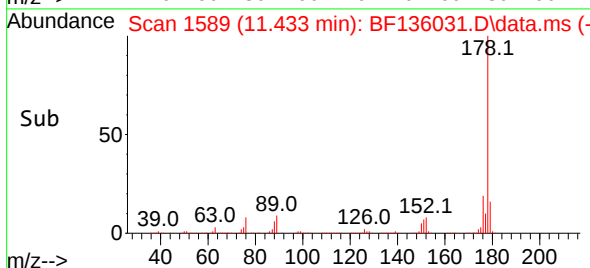
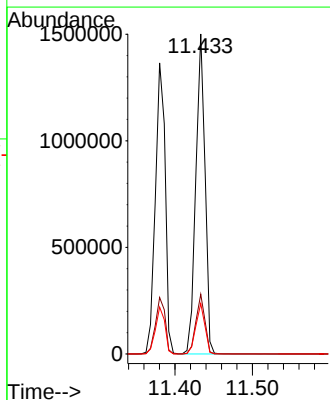
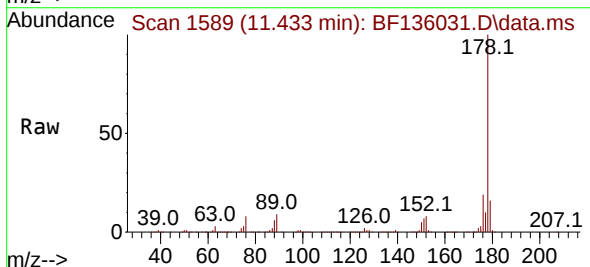
Manual Integrations
APPROVED

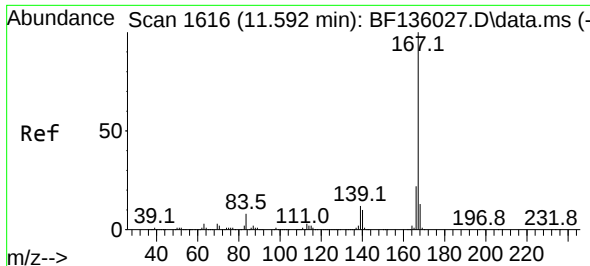
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#72
Anthracene
Concen: 41.628 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

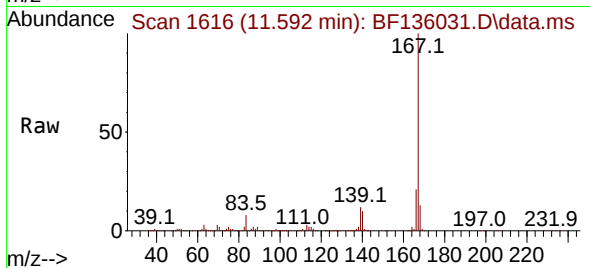
Tgt Ion:178 Resp: 1238899
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.8 12.6 18.8





#73
 Carbazole
 Concen: 42.020 ng
 RT: 11.592 min Scan# 1616
 Delta R.T. 0.000 min
 Lab File: BF136031.D
 Acq: 30 Oct 2023 16:24

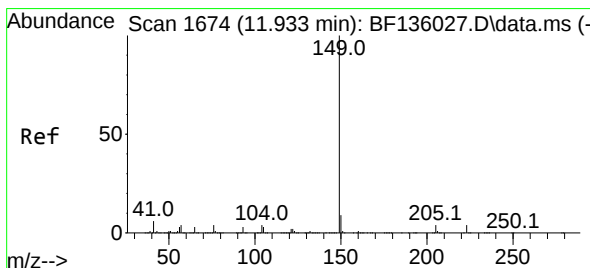
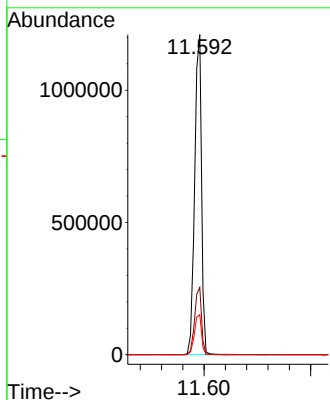
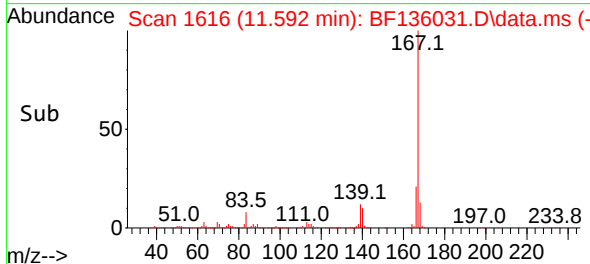
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF103023



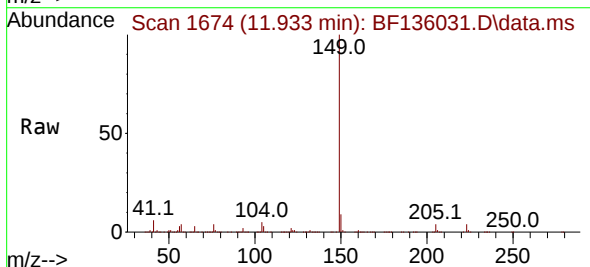
Tgt Ion:167 Resp: 108672
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.2 25.8
 139 12.5 9.9 14.9

Manual Integrations
 APPROVED

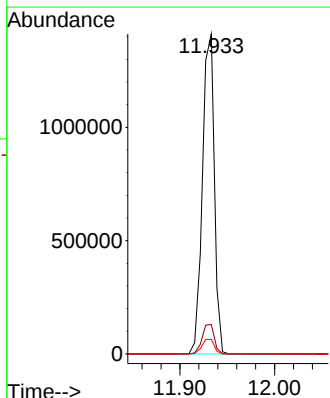
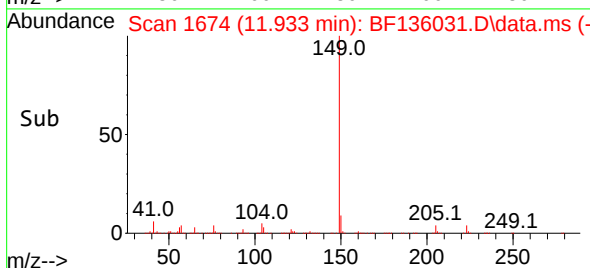
Reviewed By :Yogesh Patel 10/31/2023
 Supervised By :mohammad ahmed 10/31/2023

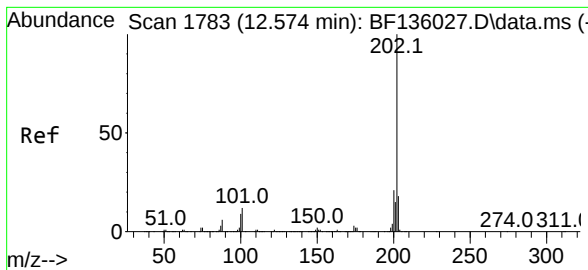


#74
 Di-n-butylphthalate
 Concen: 41.846 ng
 RT: 11.933 min Scan# 1674
 Delta R.T. 0.000 min
 Lab File: BF136031.D
 Acq: 30 Oct 2023 16:24



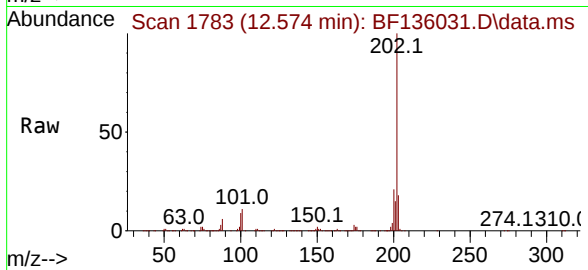
Tgt Ion:149 Resp: 1236618
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 4.6 3.6 5.4





#75
Fluoranthene
Concen: 41.499 ng
RT: 12.574 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

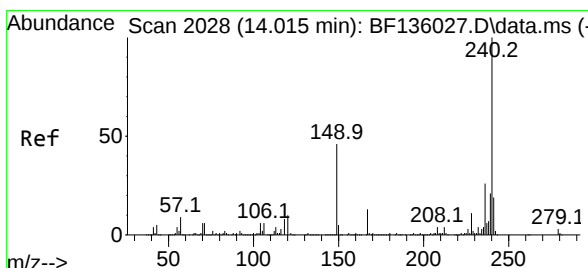
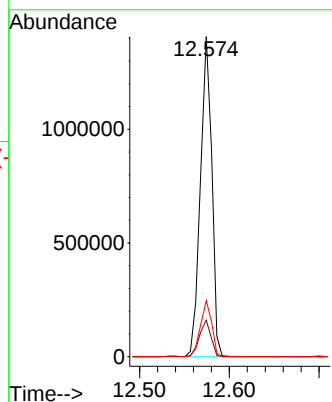
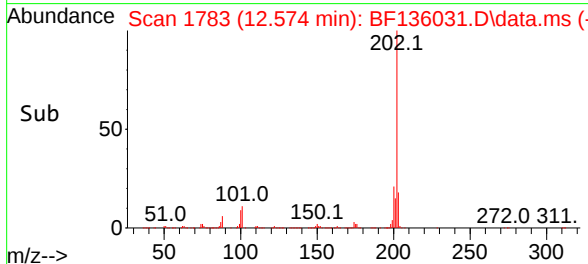
Instrument :
BNA_F
ClientSampleId :
ICVBF103023



Tgt Ion:202 Resp: 1238189
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.8
203 17.5 0.0 37.9

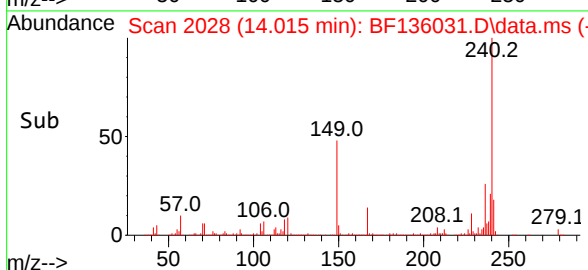
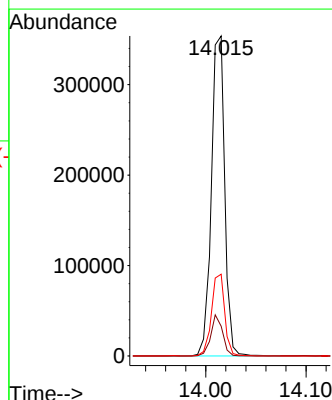
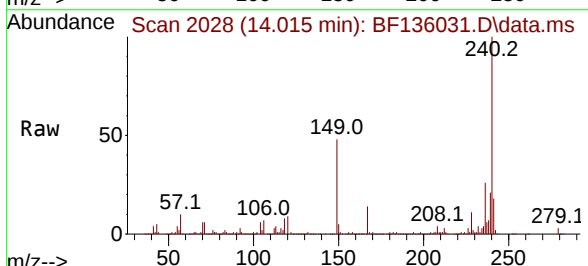
Manual Integrations
APPROVED

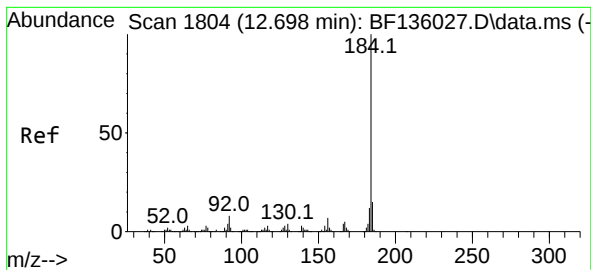
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

Tgt Ion:240 Resp: 328557
Ion Ratio Lower Upper
240 100
120 9.3 7.6 11.4
236 25.5 20.6 31.0





#77

Benzidine

Concen: 40.262 ng

RT: 12.698 min Scan# 1804

Delta R.T. -0.000 min

Lab File: BF136031.D

Acq: 30 Oct 2023 16:24

Instrument :

BNA_F

ClientSampleId :

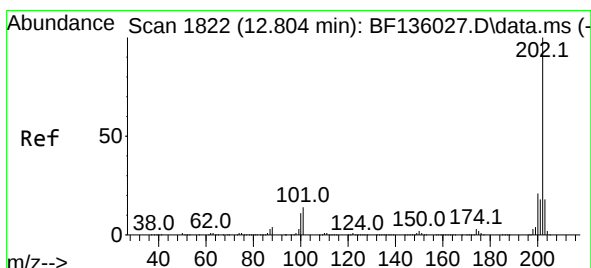
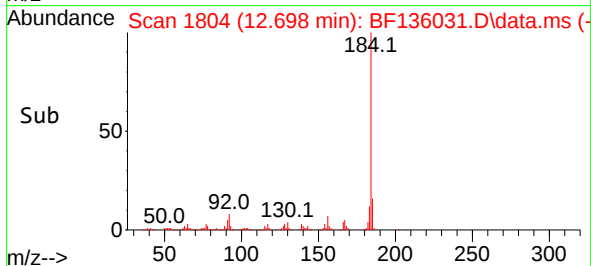
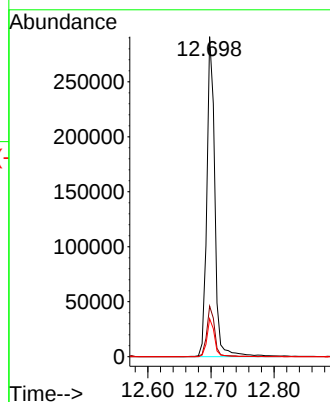
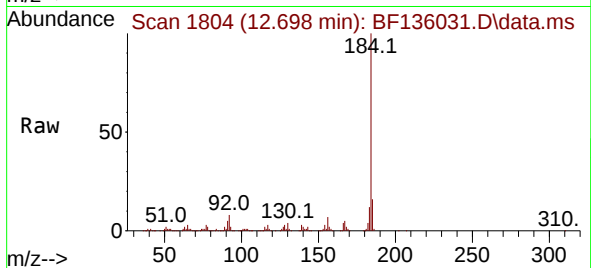
ICVBF103023

Tgt Ion:184 Resp: 257834
 Ion Ratio Lower Upper
 184 100
 185 15.8 11.8 17.8
 183 11.9 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023
 Supervised By :mohammad ahmed 10/31/2023



#78

Pyrene

Concen: 43.205 ng

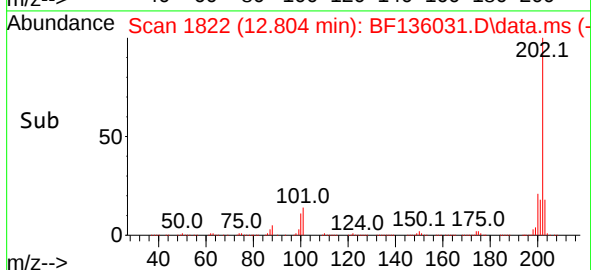
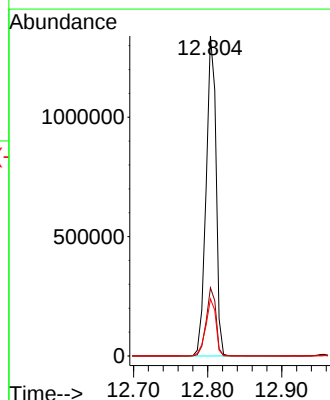
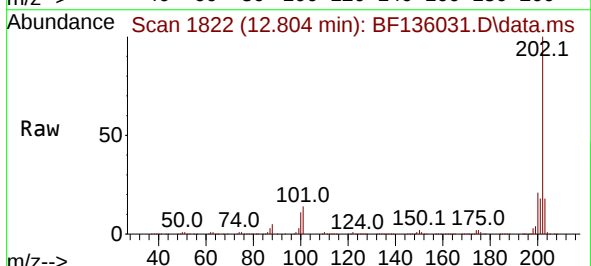
RT: 12.804 min Scan# 1822

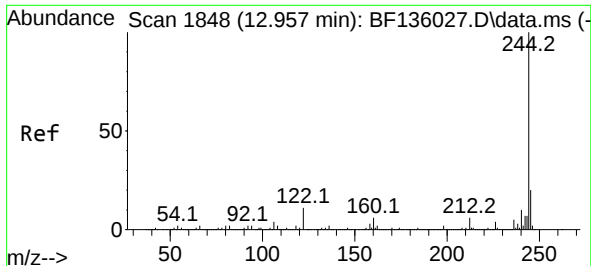
Delta R.T. 0.000 min

Lab File: BF136031.D

Acq: 30 Oct 2023 16:24

Tgt Ion:202 Resp: 1251540
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.0 25.4
 203 17.8 14.4 21.6





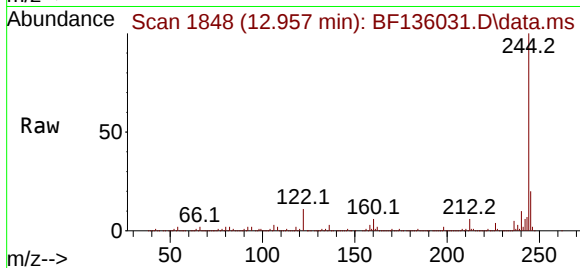
#79
 Terphenyl-d14
 Concen: 85.193 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: BF136031.D
 Acq: 30 Oct 2023 16:24

Instrument :

BNA_F

ClientSampleId :

ICVBF103023

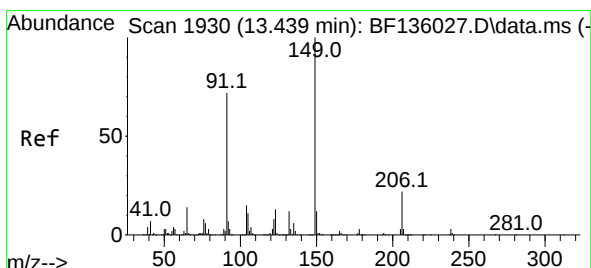
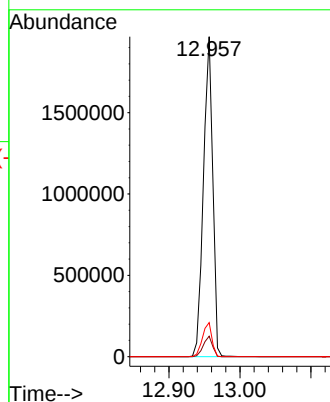
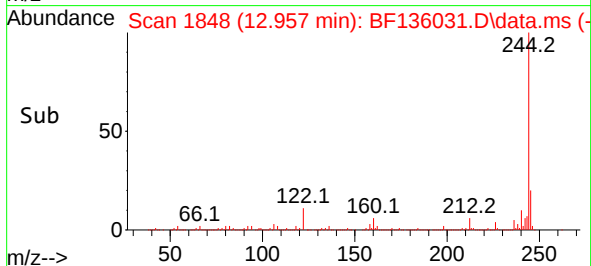


Tgt Ion:244 Resp: 1801162
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 10.7 8.6 12.8

Manual Integrations

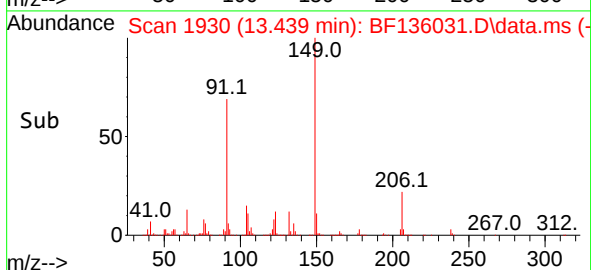
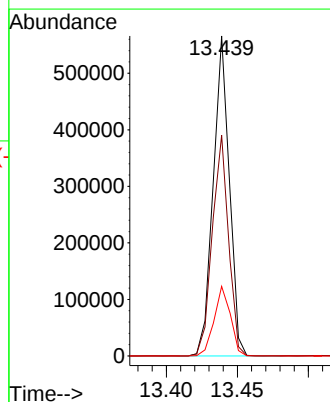
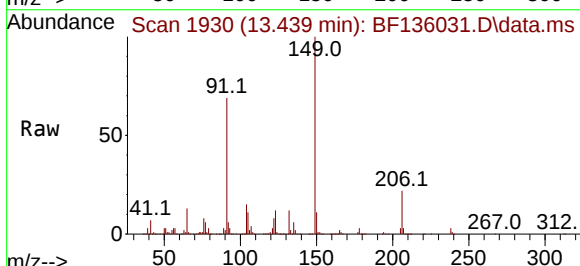
APPROVED

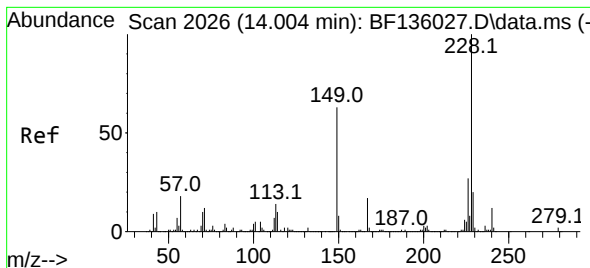
Reviewed By :Yogesh Patel 10/31/2023
 Supervised By :mohammad ahmed 10/31/2023



#80
 Butylbenzylphthalate
 Concen: 42.986 ng
 RT: 13.439 min Scan# 1930
 Delta R.T. 0.000 min
 Lab File: BF136031.D
 Acq: 30 Oct 2023 16:24

Tgt Ion:149 Resp: 445721
 Ion Ratio Lower Upper
 149 100
 91 69.0 57.6 86.4
 206 21.8 17.4 26.0





#81

Benzo(a)anthracene

Concen: 41.714 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF136031.D

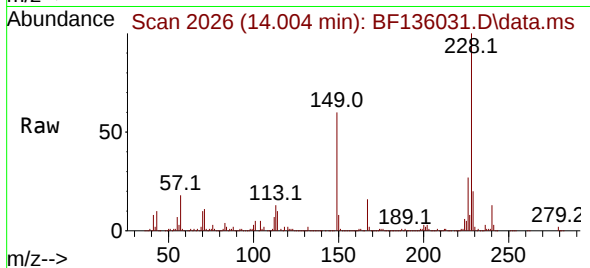
Acq: 30 Oct 2023 16:24

Instrument :

BNA_F

ClientSampleId :

ICVBF103023



Tgt Ion:228 Resp: 907340

Ion Ratio Lower Upper

228 100

226 26.6 21.5 32.3

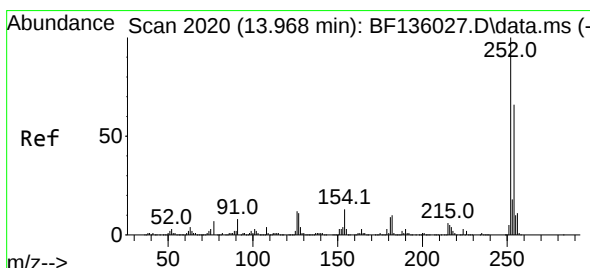
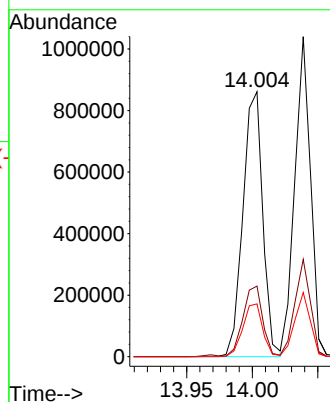
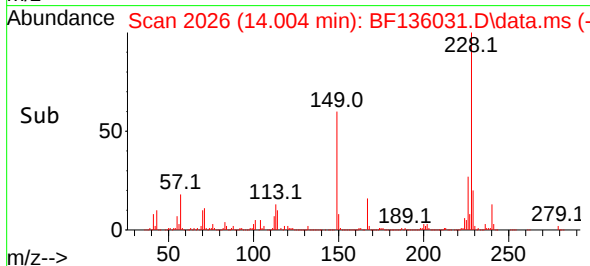
229 19.9 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#82

3,3'-Dichlorobenzidine

Concen: 41.931 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF136031.D

Acq: 30 Oct 2023 16:24

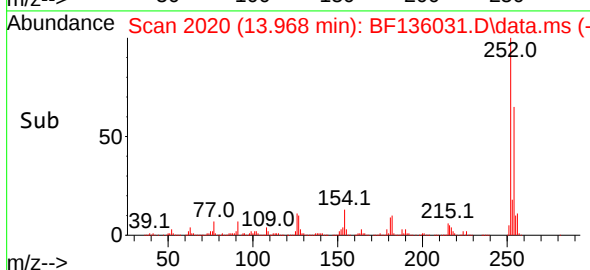
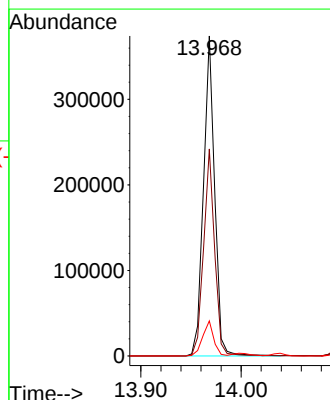
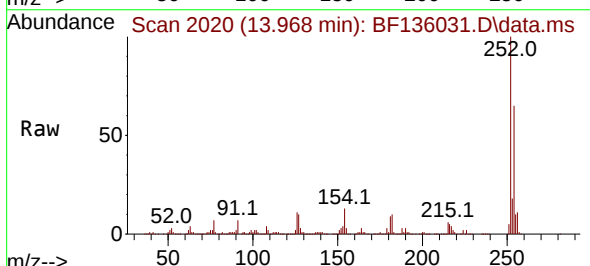
Tgt Ion:252 Resp: 291100

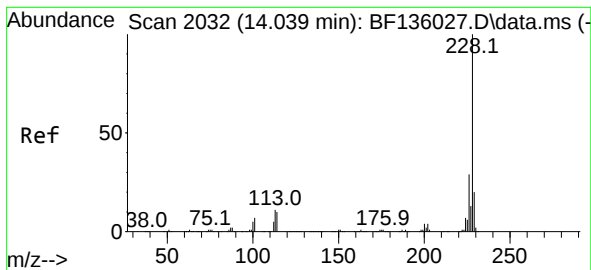
Ion Ratio Lower Upper

252 100

254 64.7 52.5 78.7

126 11.0 9.4 14.2





#83

Chrysene

Concen: 40.898 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF136031.D

Acq: 30 Oct 2023 16:24

Instrument :

BNA_F

ClientSampleId :

ICVBF103023

Tgt Ion:228 Resp: 87609

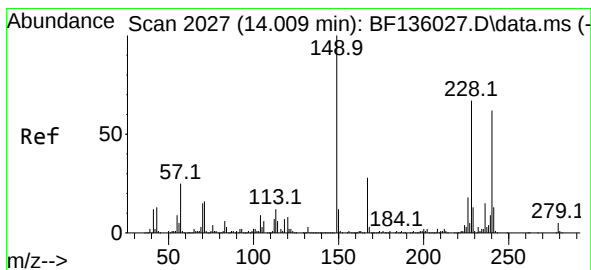
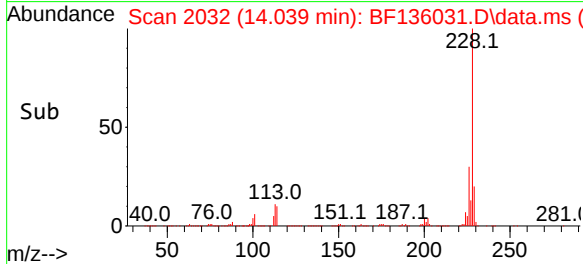
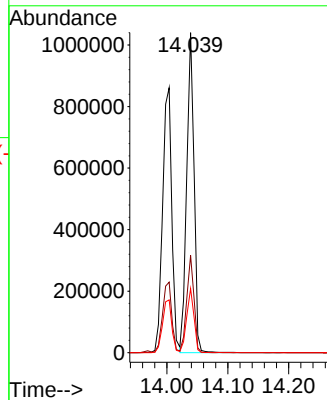
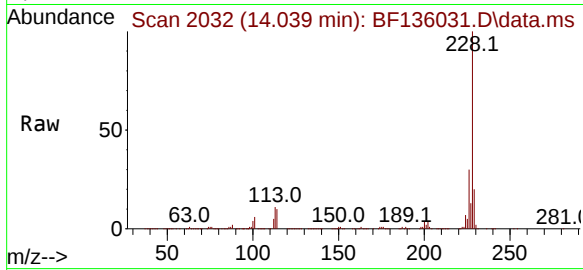
Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.5	35.3
229	20.1	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.927 ng

RT: 14.009 min Scan# 2027

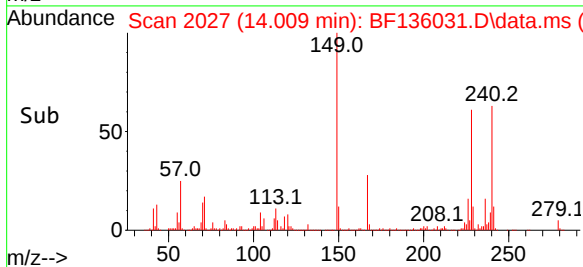
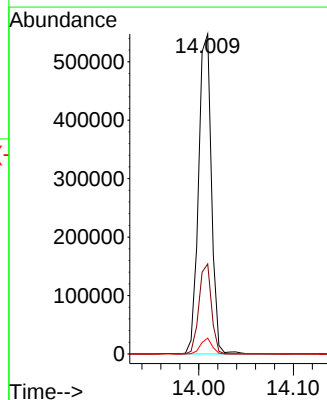
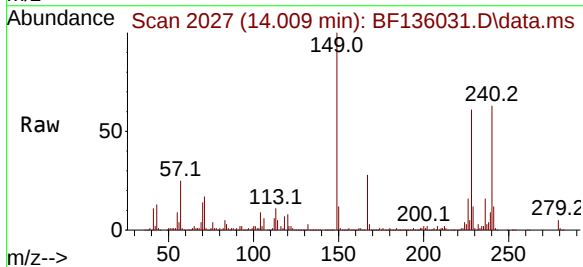
Delta R.T. 0.000 min

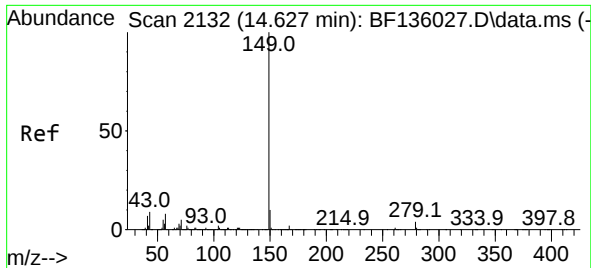
Lab File: BF136031.D

Acq: 30 Oct 2023 16:24

Tgt Ion:149 Resp: 518572

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.6	33.8
279	4.9	4.1	6.1





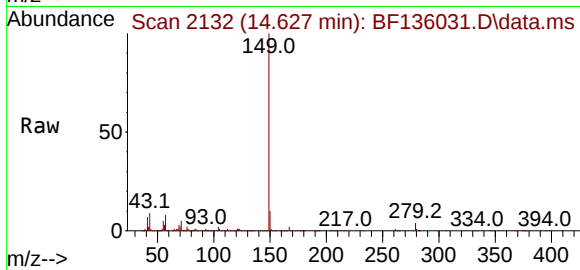
#85
Di-n-octyl phthalate
Concen: 41.572 ng
RT: 14.627 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

Instrument :

BNA_F

ClientSampleId :

ICVBF103023

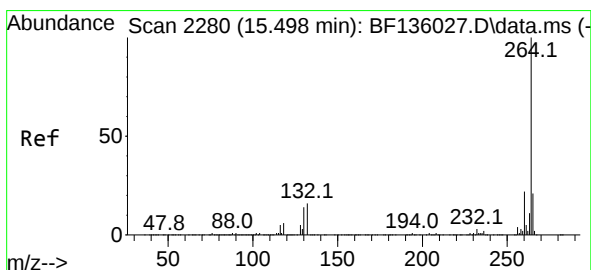
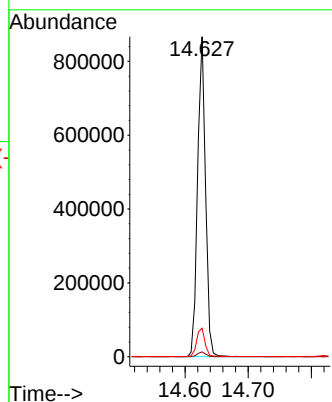
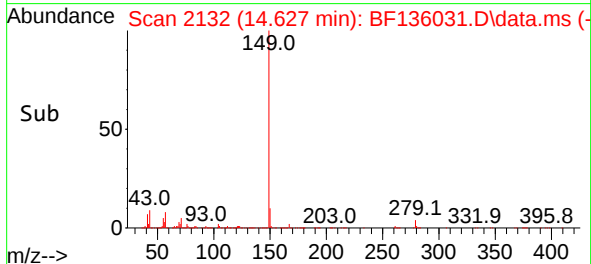


Tgt Ion:149 Resp: 752338
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.6 7.6 11.4

Manual Integrations

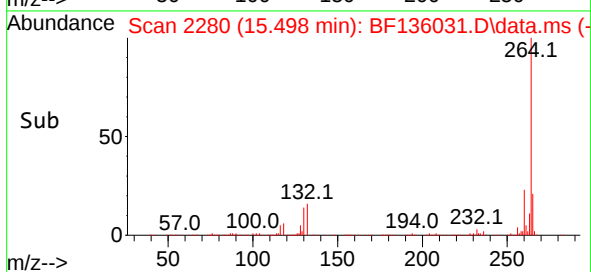
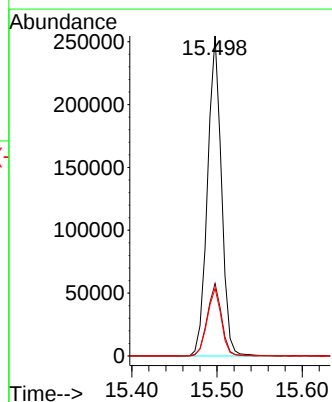
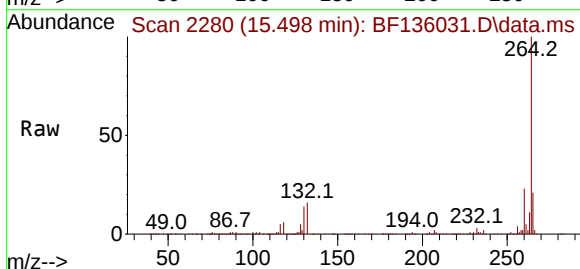
APPROVED

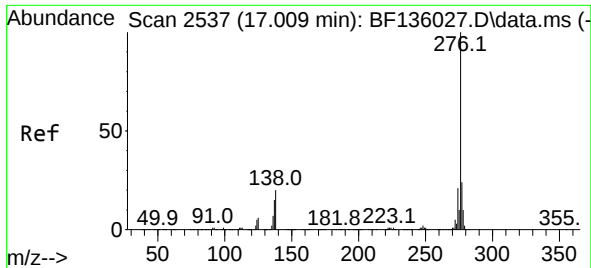
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

Tgt Ion:264 Resp: 288386
Ion Ratio Lower Upper
264 100
260 22.7 17.9 26.9
265 21.1 16.8 25.2





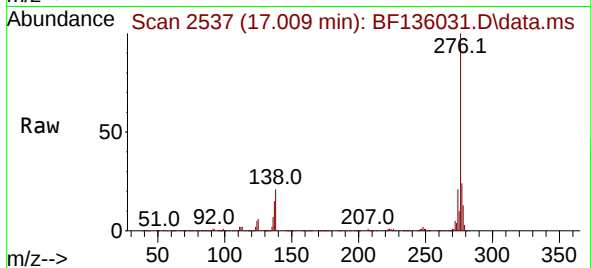
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.811 ng
 RT: 17.009 min Scan# 2537
 Delta R.T. 0.000 min
 Lab File: BF136031.D
 Acq: 30 Oct 2023 16:24

Instrument :

BNA_F

ClientSampleId :

ICVBF103023

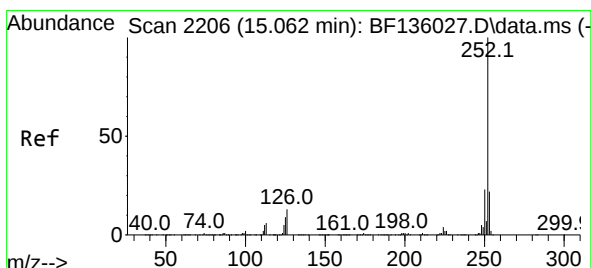
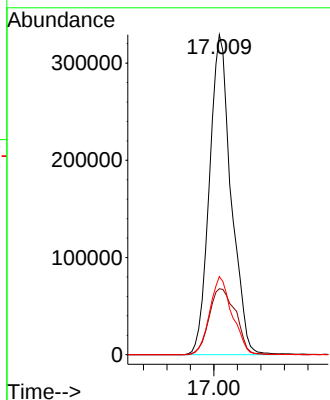
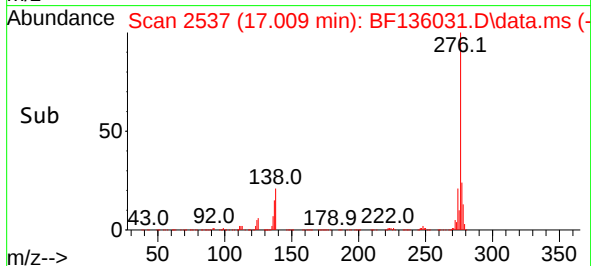


Tgt Ion:276 Resp: 844579
 Ion Ratio Lower Upper
 276 100
 138 25.4 20.4 30.6
 277 25.2 20.2 30.2

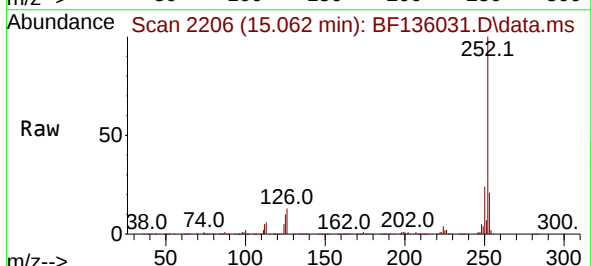
Manual Integrations

APPROVED

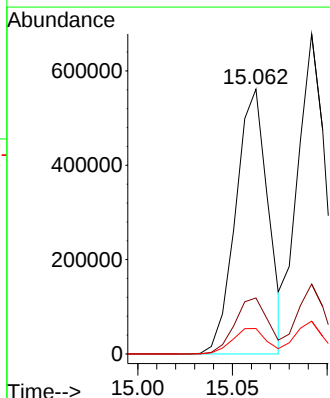
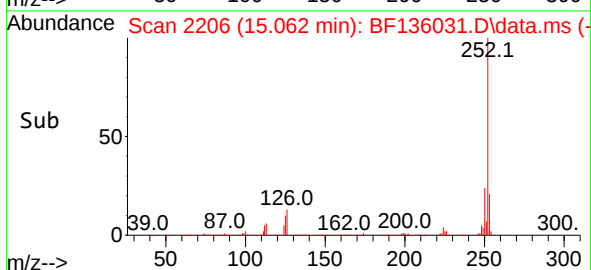
Reviewed By :Yogesh Patel 10/31/2023
 Supervised By :mohammad ahmed 10/31/2023

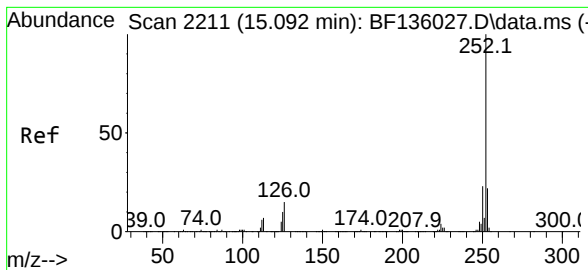


#88
 Benzo(b)fluoranthene
 Concen: 39.137 ng
 RT: 15.062 min Scan# 2206
 Delta R.T. 0.000 min
 Lab File: BF136031.D
 Acq: 30 Oct 2023 16:24



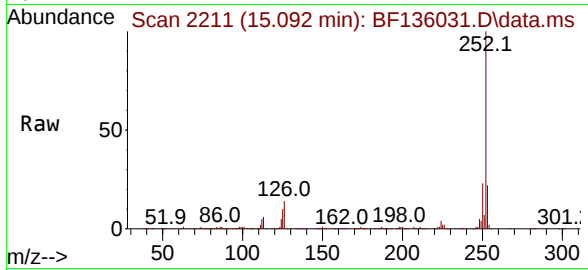
Tgt Ion:252 Resp: 667847
 Ion Ratio Lower Upper
 252 100
 253 21.2 17.7 26.5
 125 9.6 7.5 11.3





#89
Benzo(k)fluoranthene
Concen: 40.733 ng
RT: 15.092 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

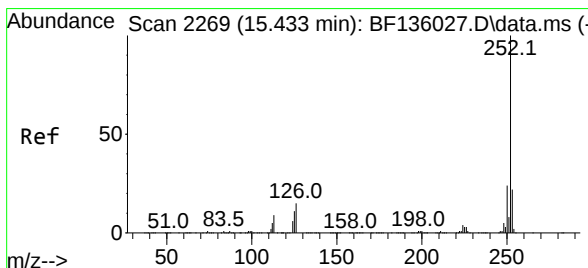
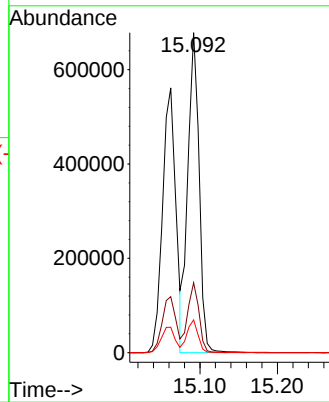
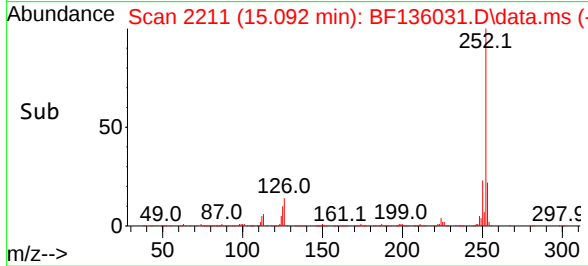
Instrument :
BNA_F
ClientSampleId :
ICVBF103023



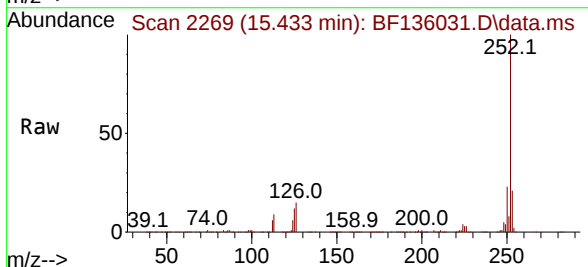
Tgt Ion:252 Resp: 687740
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 10.3 8.0 12.0

Manual Integrations
APPROVED

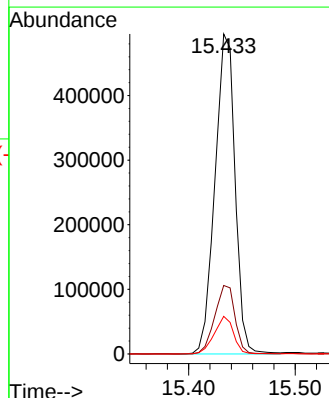
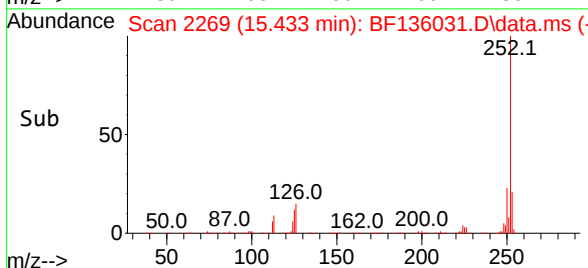
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

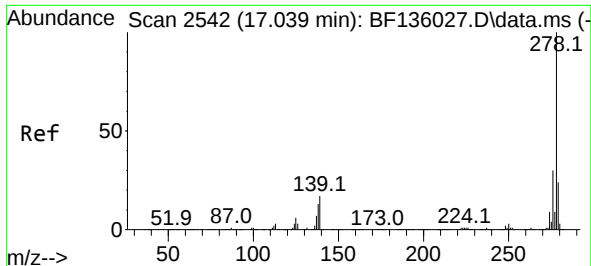


#90
Benzo(a)pyrene
Concen: 40.922 ng
RT: 15.433 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24



Tgt Ion:252 Resp: 648834
Ion Ratio Lower Upper
252 100
253 21.4 17.3 25.9
125 11.7 9.0 13.6





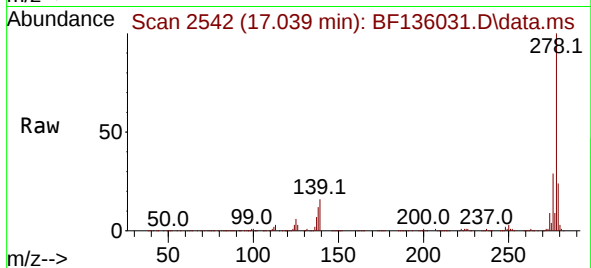
#91
Dibenzo(a,h)anthracene
Concen: 45.223 ng
RT: 17.039 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

Instrument :

BNA_F

ClientSampleId :

ICVBF103023



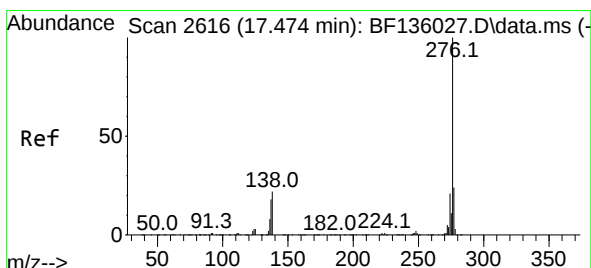
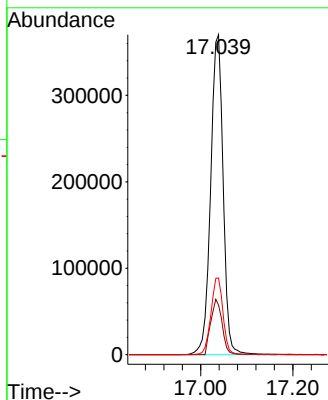
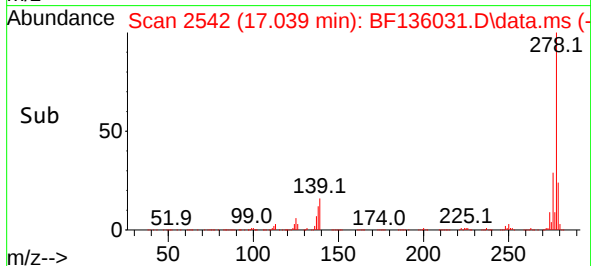
Tgt Ion:278 Resp: 698189
Ion Ratio Lower Upper
278 100
139 15.5 13.7 20.5
279 24.0 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#92
Benzo(g,h,i)perylene
Concen: 42.056 ng
RT: 17.468 min Scan# 2615
Delta R.T. -0.006 min
Lab File: BF136031.D
Acq: 30 Oct 2023 16:24

Tgt Ion:276 Resp: 732516
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.4
138 22.0 17.4 26.2

