

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103023\
 Data File : BF136028.D
 Acq On : 30 Oct 2023 14:49
 Operator : CG\JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

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

Quant Time: Oct 30 18:42:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 30 17:15:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	162133	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	642904	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	326706	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	612429	20.000	ng	0.00
76) Chrysene-d12	14.016	240	360705	20.000	ng	0.00
86) Perylene-d12	15.498	264	306498	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	987475	95.707	ng	0.00
7) Phenol-d6	6.463	99	1219237	94.844	ng	0.00
23) Nitrobenzene-d5	7.392	82	1036426	97.181	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	339209	97.273	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1865177	91.008	ng	0.00
79) Terphenyl-d14	12.963	244	2159614	93.043	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.575	88	221779	49.363	ng	98
3) Pyridine	3.340	79	605361	49.364	ng	99
4) n-Nitrosodimethylamine	3.310	42	254559	49.648	ng	98
6) Aniline	6.493	93	793165	47.656	ng	99
8) 2-Chlorophenol	6.610	128	522763	47.391	ng	98
9) Benzaldehyde	6.381	77	319038	44.508	ng	99
10) Phenol	6.475	94	632060m	47.533	ng	
11) bis(2-Chloroethyl)ether	6.569	93	493449	47.405	ng	99
12) 1,3-Dichlorobenzene	6.769	146	540526	47.081	ng	99
13) 1,4-Dichlorobenzene	6.845	146	544314	47.308	ng	99
14) 1,2-Dichlorobenzene	6.998	146	507045	47.130	ng	98
15) Benzyl Alcohol	6.969	79	438062	48.059	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	684585	47.781	ng	99
17) 2-Methylphenol	7.075	107	447802	47.853	ng	98
18) Hexachloroethane	7.334	117	193997	47.972	ng	100
19) n-Nitroso-di-n-propyla...	7.245	70	342894	46.683	ng	98
20) 3+4-Methylphenols	7.234	107	527739	46.249	ng	95
22) Acetophenone	7.240	105	655677	45.993	ng	# 95
24) Nitrobenzene	7.410	77	528522	48.993	ng	95
25) Isophorone	7.651	82	965665	47.962	ng	99
26) 2-Nitrophenol	7.722	139	255631	51.938	ng	98
27) 2,4-Dimethylphenol	7.763	122	444022	47.741	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	587307	47.608	ng	98
29) 2,4-Dichlorophenol	7.963	162	422565	48.194	ng	98
30) 1,2,4-Trichlorobenzene	8.045	180	454054	47.471	ng	97
31) Naphthalene	8.128	128	1468383	47.364	ng	100
32) Benzoic acid	7.887	122	357539m	47.699	ng	
33) 4-Chloroaniline	8.181	127	647840	47.717	ng	97
34) Hexachlorobutadiene	8.245	225	262743	47.899	ng	99
35) Caprolactam	8.563	113	141396	49.595	ng	93
36) 4-Chloro-3-methylphenol	8.657	107	441842	47.999	ng	97
37) 2-Methylnaphthalene	8.822	142	980074	47.147	ng	99
38) 1-Methylnaphthalene	8.922	142	898757	46.459	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	441005	47.331	ng	100
41) Hexachlorocyclopentadiene	8.975	237	251532	50.531	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	296423	48.793	ng	99

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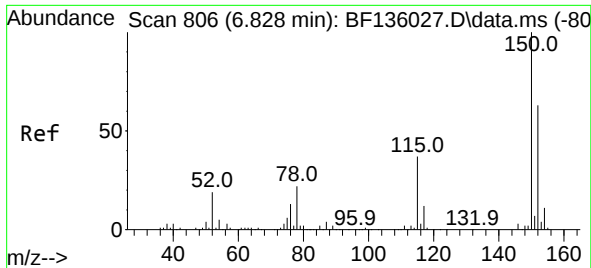
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	339410	48.231	ng	97
46) 1,1'-Biphenyl	9.286	154	1168598	46.922	ng	99
47) 2-Chloronaphthalene	9.310	162	868670	47.313	ng	99
48) 2-Nitroaniline	9.410	65	279667	51.470	ng	90
49) Acenaphthylene	9.728	152	1363477	47.603	ng	99
50) Dimethylphthalate	9.592	163	1018595	47.267	ng	99
51) 2,6-Dinitrotoluene	9.651	165	231735	50.278	ng	93
52) Acenaphthene	9.904	154	857782m	47.265	ng	
53) 3-Nitroaniline	9.822	138	266311	49.519	ng	94
54) 2,4-Dinitrophenol	9.922	184	108264	46.996	ng	96
55) Dibenzofuran	10.075	168	1242927	46.814	ng	99
56) 4-Nitrophenol	9.975	139	205562	51.099	ng	90
57) 2,4-Dinitrotoluene	10.057	165	304752	52.259	ng	94
58) Fluorene	10.416	166	922815	46.422	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	272163	48.646	ng	99
60) Diethylphthalate	10.298	149	985290	47.852	ng	98
61) 4-Chlorophenyl-phenyle...	10.410	204	452335	45.585	ng	97
62) 4-Nitroaniline	10.439	138	265266	51.224	ng	98
63) Azobenzene	10.575	77	942734	47.541	ng	96
65) 4,6-Dinitro-2-methylph...	10.463	198	158848	47.093	ng	89
66) n-Nitrosodiphenylamine	10.533	169	864873	46.814	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	305262	47.542	ng	98
68) Hexachlorobenzene	10.963	284	322420	47.016	ng	# 93
69) Atrazine	11.063	200	233320	46.417	ng	98
70) Pentachlorophenol	11.157	266	224955	51.078	ng	98
71) Phenanthrene	11.386	178	1431993	46.439	ng	99
72) Anthracene	11.433	178	1466743	46.420	ng	99
73) Carbazole	11.592	167	1293512	47.109	ng	99
74) Di-n-butylphthalate	11.933	149	1480313	47.181	ng	99
75) Fluoranthene	12.575	202	1488995	47.004	ng	100
77) Benzidine	12.698	184	292523	41.608	ng	98
78) Pyrene	12.810	202	1514516	47.624	ng	99
80) Butylbenzylphthalate	13.439	149	578306	50.802	ng	99
81) Benzo(a)anthracene	14.004	228	1142353	47.838	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	384332	50.426	ng	# 98
83) Chrysene	14.045	228	1145084	48.691	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	660185	49.779	ng	99
85) Di-n-octyl phthalate	14.627	149	1030900	51.888	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	1023483	51.094	ng	100
88) Benzo(b)fluoranthene	15.063	252	898793	49.558	ng	98
89) Benzo(k)fluoranthene	15.098	252	860347	47.945	ng	99
90) Benzo(a)pyrene	15.439	252	831576	49.348	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	840537	51.226	ng	99
92) Benzo(g,h,i)perylene	17.480	276	872871	46.802	ng	99

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



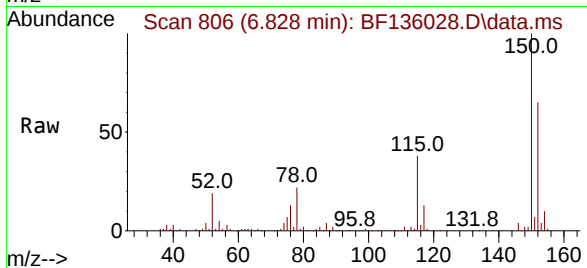
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF136028.D
 Acq: 30 Oct 2023 14:49

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SSTDIC050

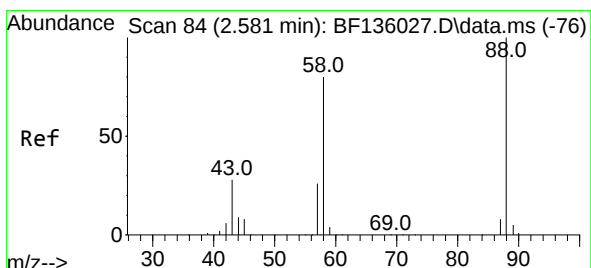
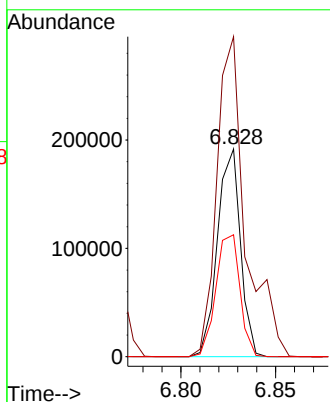
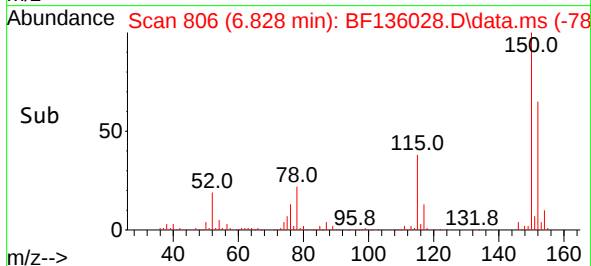


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 Ion Ratio Lower Upper
 152 100
 150 154.1 126.4 189.6
 115 58.7 47.0 70.4

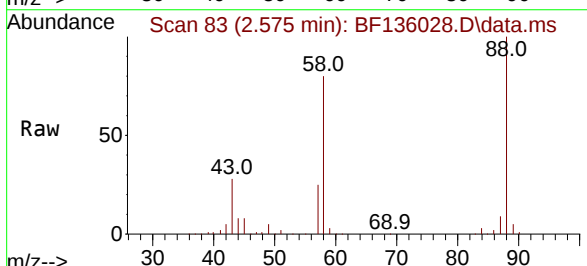
Manual Integrations

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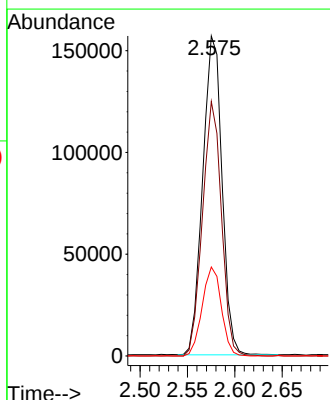
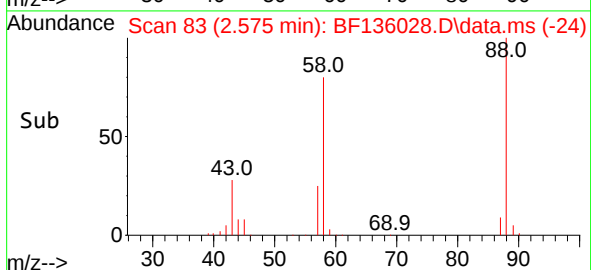
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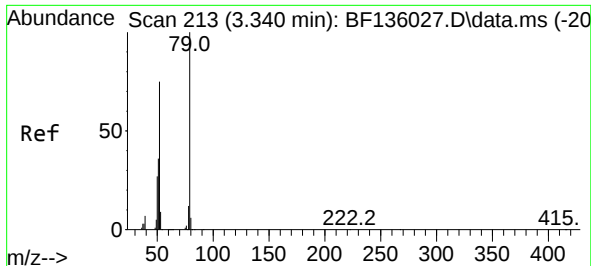


#2
 1,4-Dioxane
 Concen: 49.363 ng
 RT: 2.575 min Scan# 83
 Delta R.T. -0.006 min
 Lab File: BF136028.D
 Acq: 30 Oct 2023 14:49



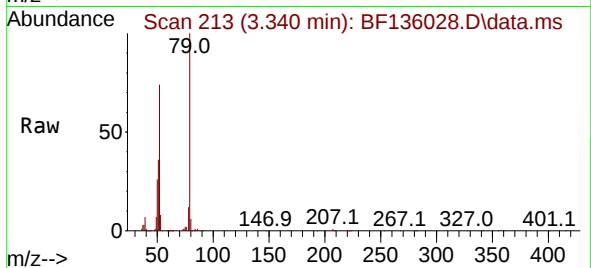
Tgt Ion: 88 Resp: 221779
 Ion Ratio Lower Upper
 88 100
 58 78.1 64.3 96.5
 43 27.7 22.3 33.5





#3
Pyridine
Concen: 49.364 ng
RT: 3.340 min Scan# 213
Delta R.T. 0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49

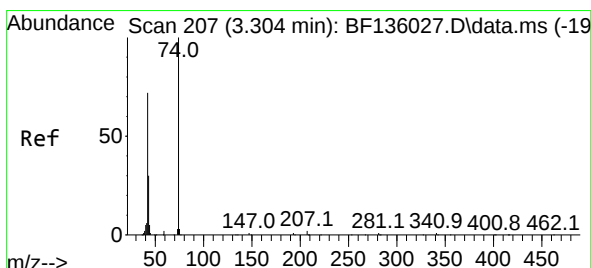
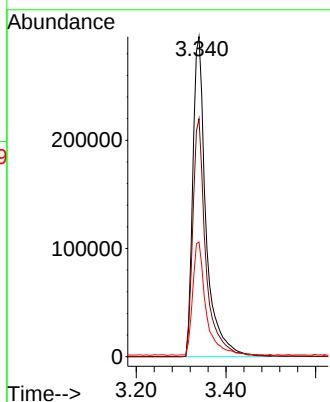
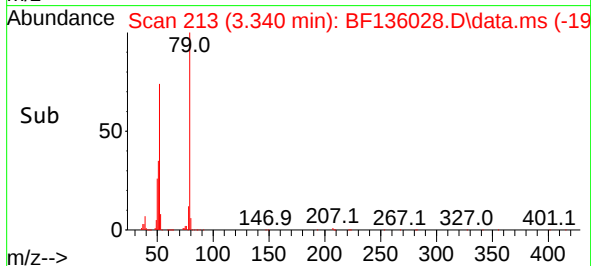
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BNA_F
ClientSampleId :
SSTDICC050



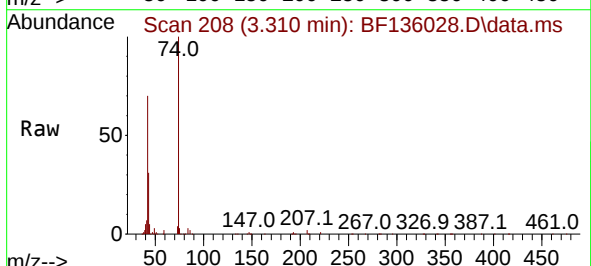
Tgt Ion: 79 Resp: 60536
Ion Ratio Lower Upper
79 100
52 74.3 60.3 90.5
51 35.9 29.3 43.9

Manual Integrations
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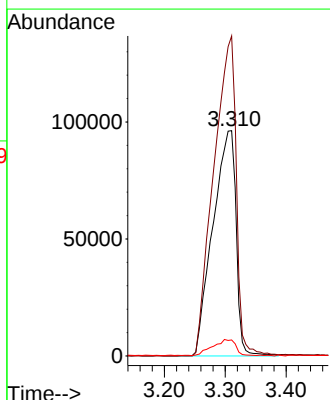
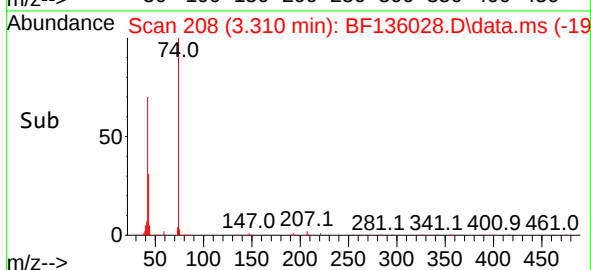
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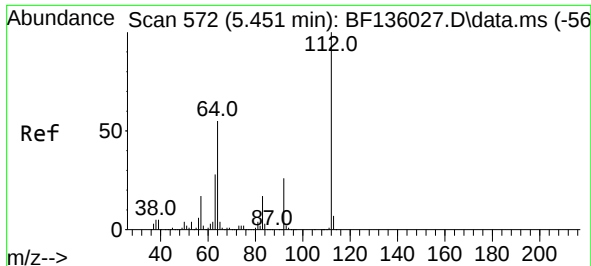


#4
n-Nitrosodimethylamine
Concen: 49.648 ng
RT: 3.310 min Scan# 208
Delta R.T. 0.006 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49



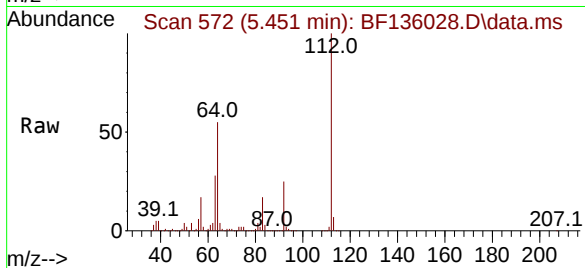
Tgt Ion: 42 Resp: 254559
Ion Ratio Lower Upper
42 100
74 142.0 111.8 167.6
44 7.1 6.2 9.4





#5
2-Fluorophenol
Concen: 95.707 ng
RT: 5.451 min Scan# 512
Delta R.T. 0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49

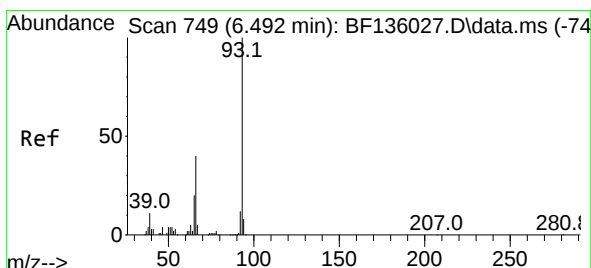
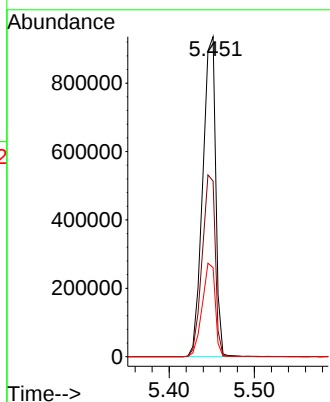
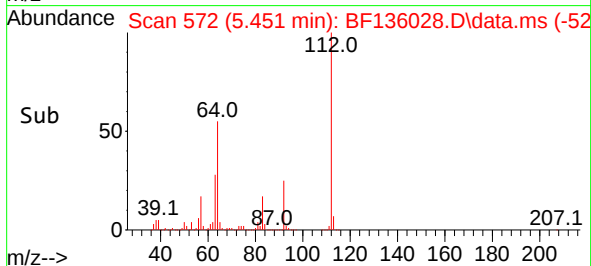
Instrument :
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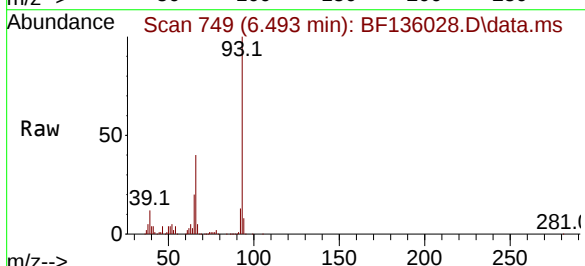
Tgt Ion: 112 Resp: 987475
Ion Ratio Lower Upper
112 100
64 54.9 43.9 65.9
63 27.9 22.4 33.6

Manual Integrations
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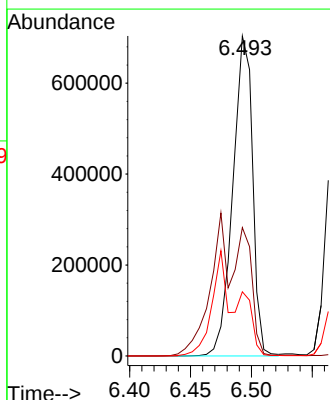
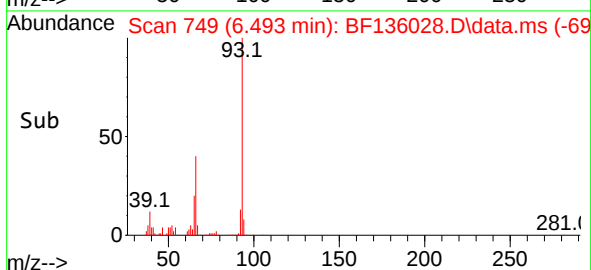
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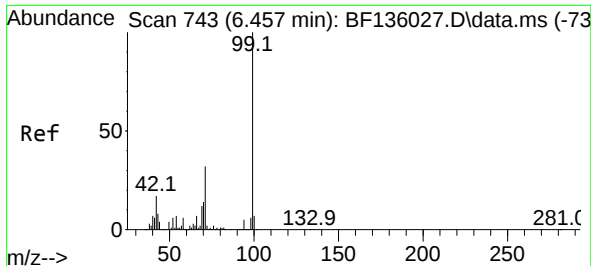


#6
Aniline
Concen: 47.656 ng
RT: 6.493 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49



Tgt Ion: 93 Resp: 793165
Ion Ratio Lower Upper
93 100
66 40.1 32.4 48.6
65 20.0 16.2 24.2





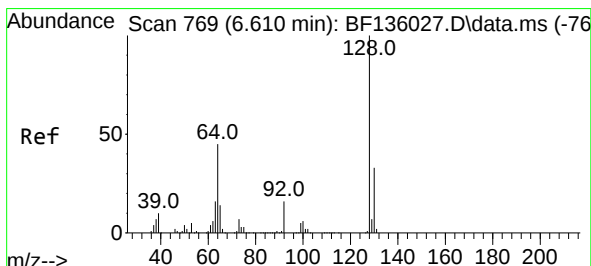
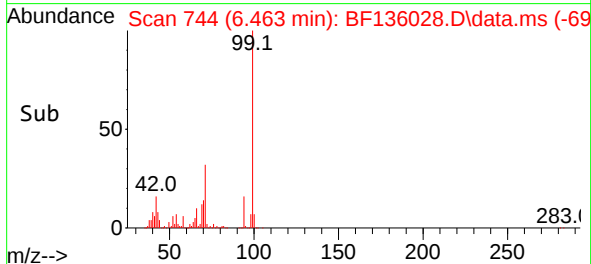
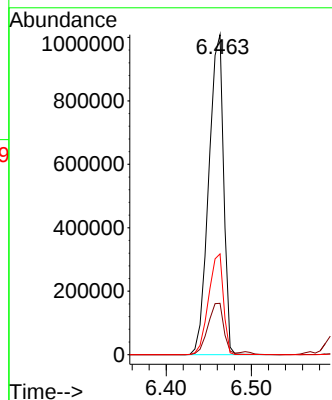
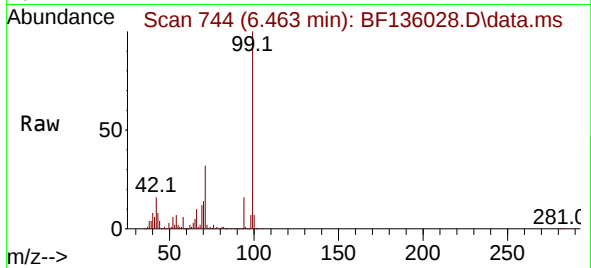
#7
Phenol-d6
Concen: 94.844 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49

Instrument :
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Tgt Ion: 99 Resp: 121923
Ion Ratio Lower Upper
99 100
42 16.0 13.7 20.5
71 31.5 25.9 38.9

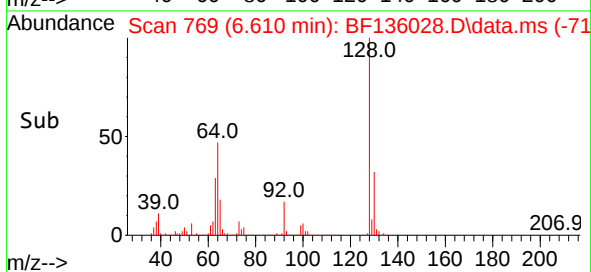
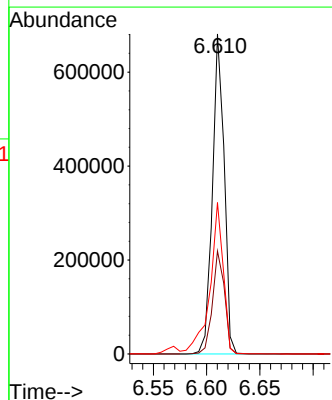
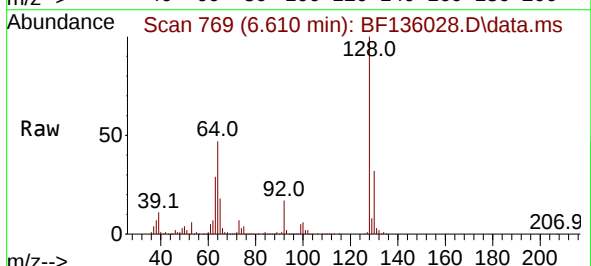
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#8
2-Chlorophenol
Concen: 47.391 ng
RT: 6.610 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49

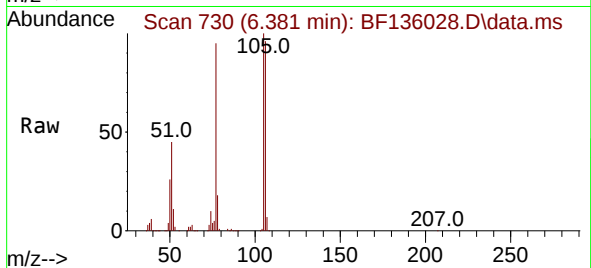
Tgt Ion:128 Resp: 522763
Ion Ratio Lower Upper
128 100
130 32.1 12.8 52.8
64 47.3 25.8 65.8





#9
Benzaldehyde
Concen: 44.508 ng
RT: 6.381 min Scan# 730
Delta R.T. 0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49

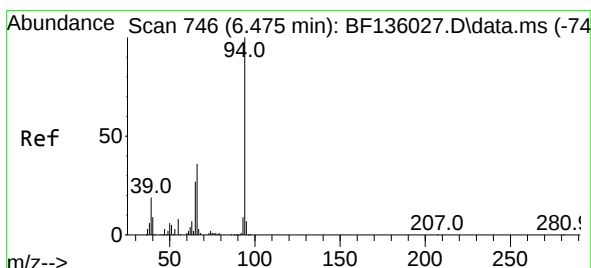
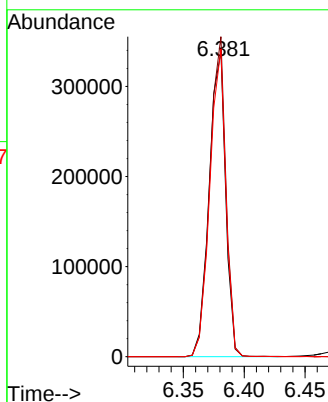
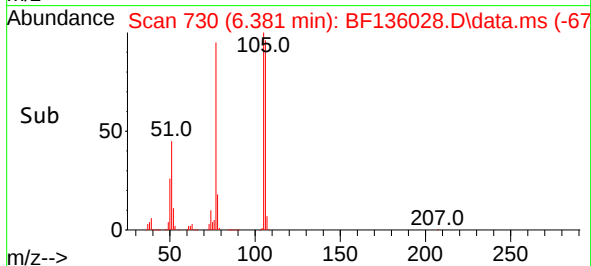
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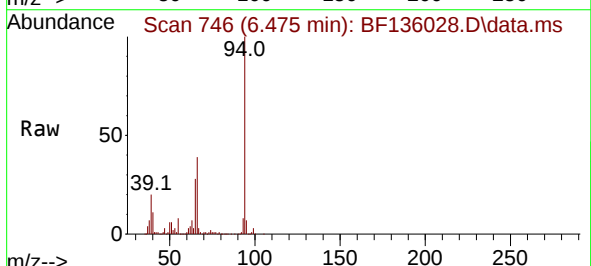
Tgt Ion: 77 Resp: 319038
Ion Ratio Lower Upper
77 100
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106 100.8 79.8 119.8

Manual Integrations
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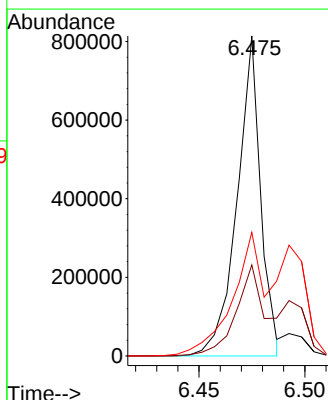
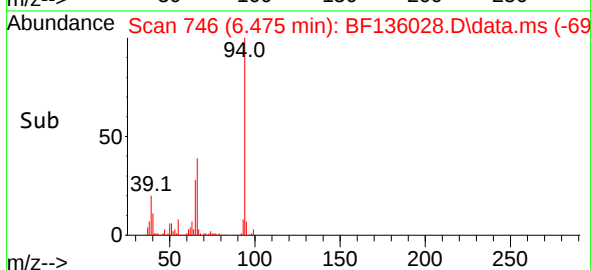
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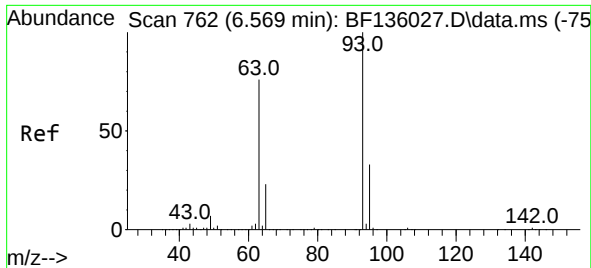


#10
Phenol
Concen: 47.533 ng m
RT: 6.475 min Scan# 746
Delta R.T. 0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49



Tgt Ion: 94 Resp: 632060
Ion Ratio Lower Upper
94 100
65 28.4 7.5 47.5
66 38.6 17.1 57.1





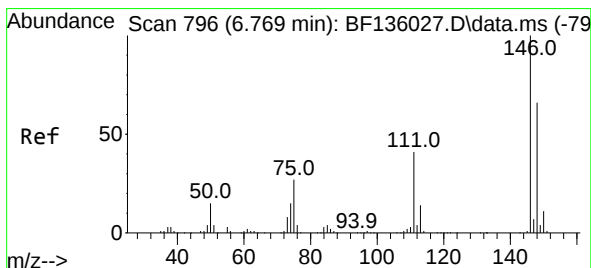
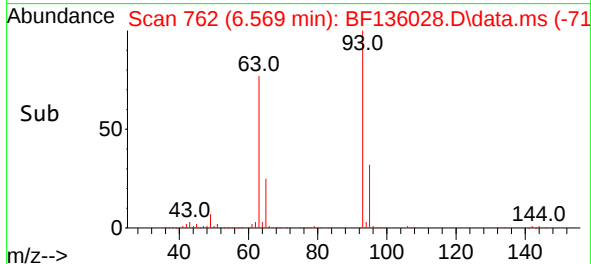
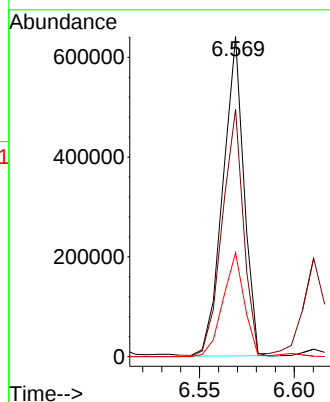
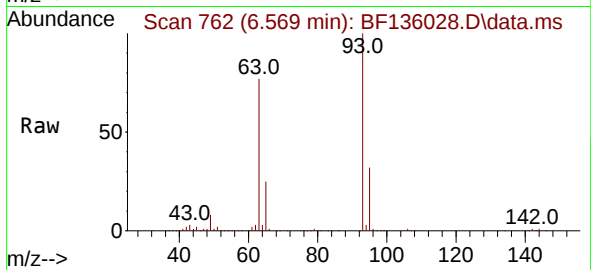
#11
bis(2-Chloroethyl)ether
Concen: 47.405 ng
RT: 6.569 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 93 Resp: 493449
Ion Ratio Lower Upper
93 100
63 77.4 55.8 95.8
95 32.5 12.9 52.9

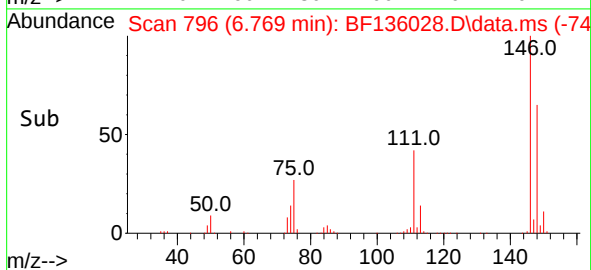
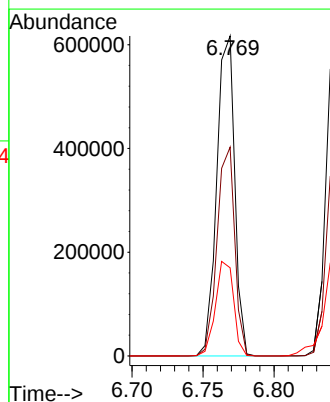
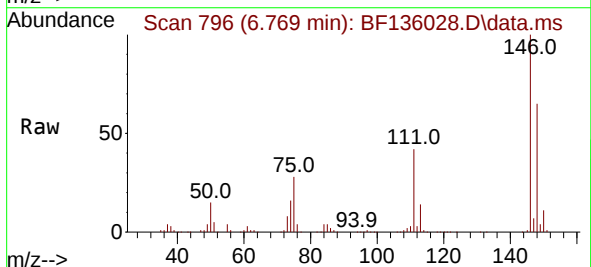
Manual Integrations
APPROVED

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



#12
1,3-Dichlorobenzene
Concen: 47.081 ng
RT: 6.769 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49

Tgt Ion:146 Resp: 540526
Ion Ratio Lower Upper
146 100
148 65.2 52.6 78.8
75 27.5 21.6 32.4





#13

1,4-Dichlorobenzene

Concen: 47.308 ng

RT: 6.845 min Scan# 809

Delta R.T. 0.000 min

Lab File: BF136028.D

Acq: 30 Oct 2023 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:146 Resp: 544314

Ion Ratio Lower Upper

146 100

148 64.4 52.1 78.1

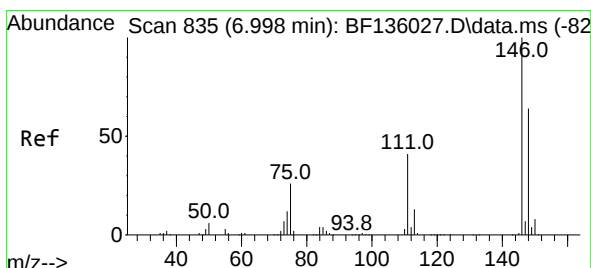
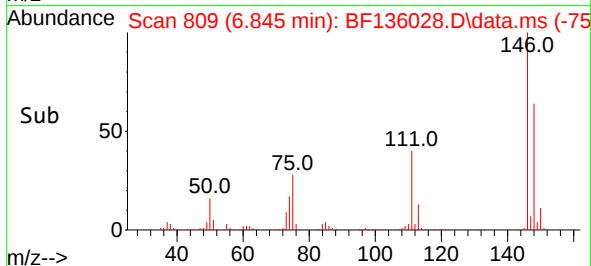
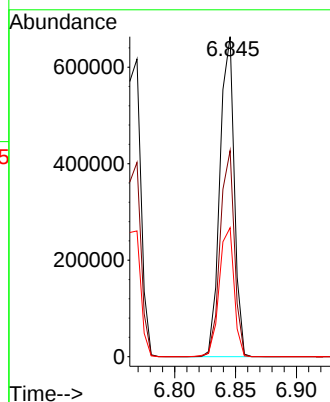
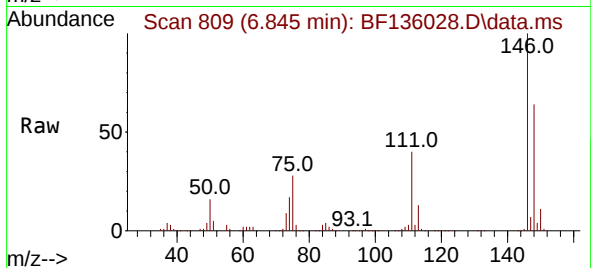
111 40.3 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#14

1,2-Dichlorobenzene

Concen: 47.130 ng

RT: 6.998 min Scan# 835

Delta R.T. 0.000 min

Lab File: BF136028.D

Acq: 30 Oct 2023 14:49

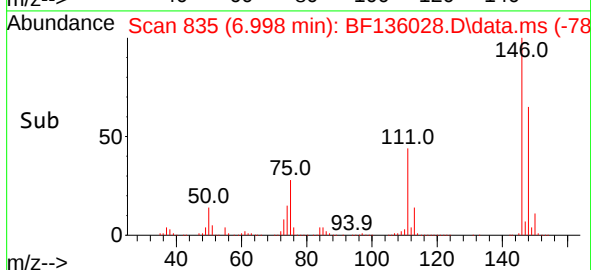
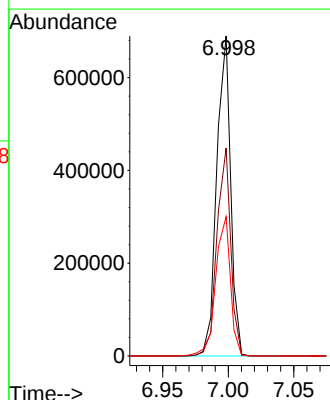
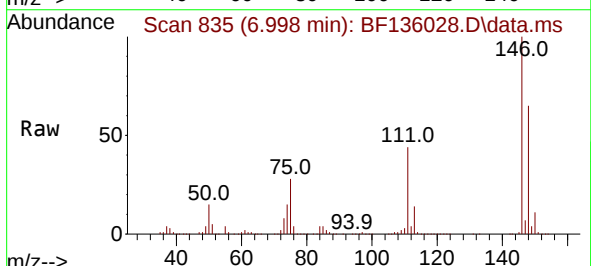
Tgt Ion:146 Resp: 507045

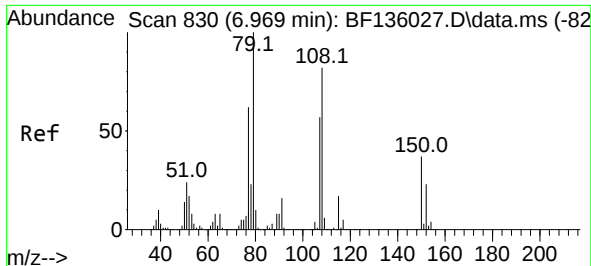
Ion Ratio Lower Upper

146 100

148 65.0 51.4 77.2

111 43.6 33.0 49.4





#15
Benzyl Alcohol
Concen: 48.059 ng
RT: 6.969 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49

Instrument :

BNA_F

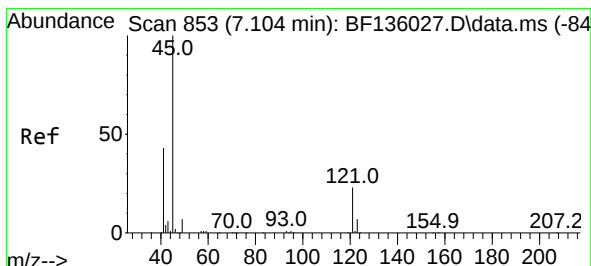
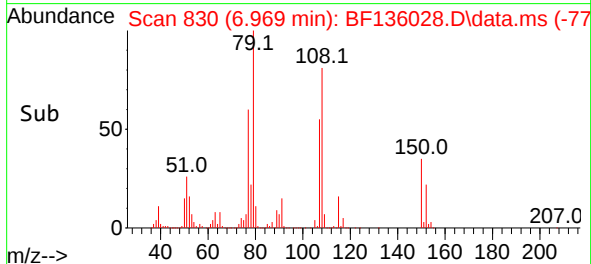
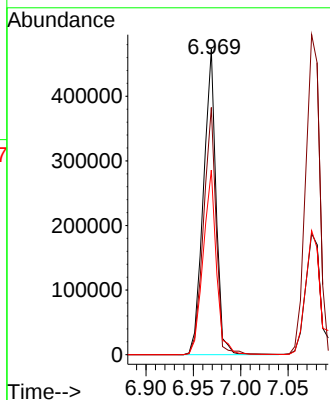
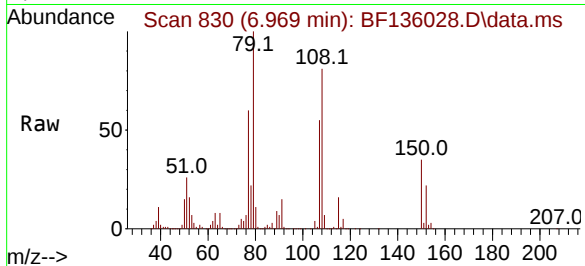
ClientSampleId :

SSTDICC050

Tgt Ion: 79 Resp: 438062
Ion Ratio Lower Upper
79 100
108 80.9 65.9 98.9
77 60.5 49.4 74.2

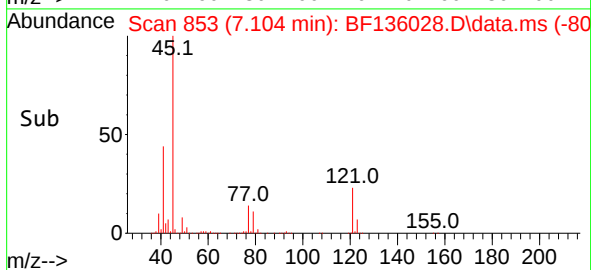
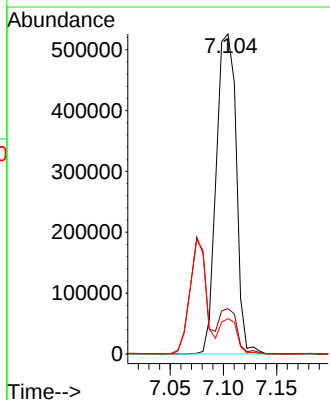
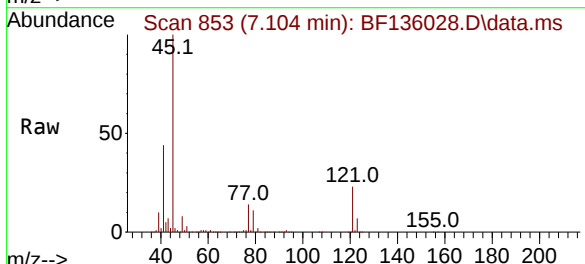
Manual Integrations
APPROVED

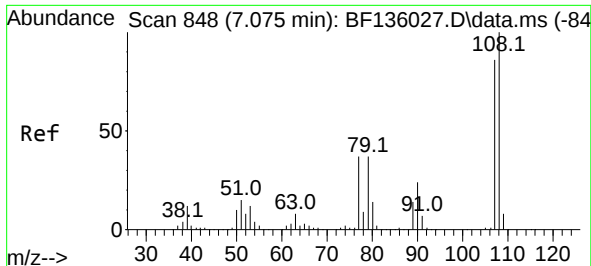
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.781 ng
RT: 7.104 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49

Tgt Ion: 45 Resp: 684585
Ion Ratio Lower Upper
45 100
77 14.1 0.0 34.6
79 11.0 0.0 30.6





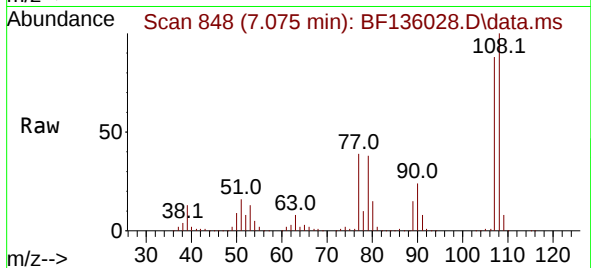
#17
2-Methylphenol
Concen: 47.853 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

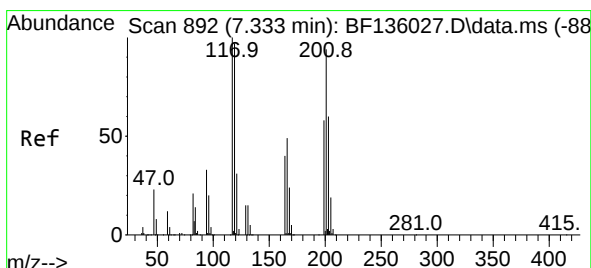
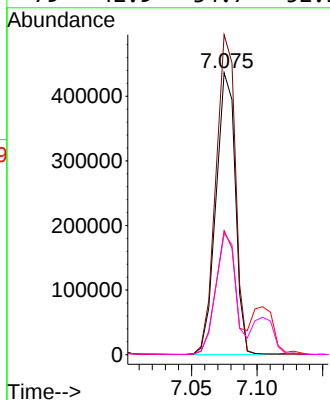
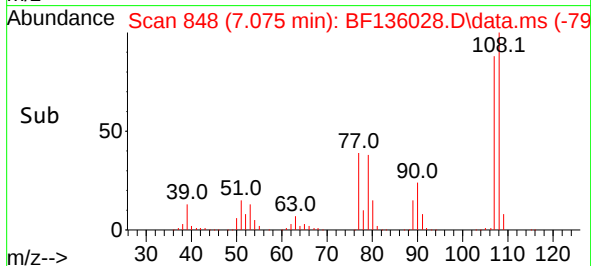


Tgt Ion:107 Resp: 447802
Ion Ratio Lower Upper
107 100
108 113.5 93.4 140.2
77 44.0 34.4 51.6
79 42.9 34.7 52.1

Manual Integrations

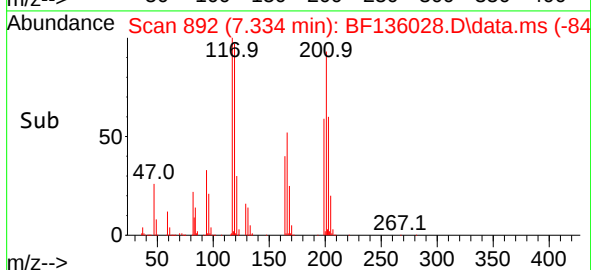
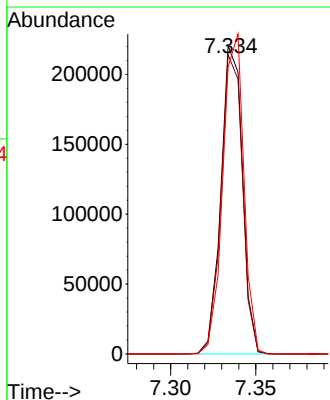
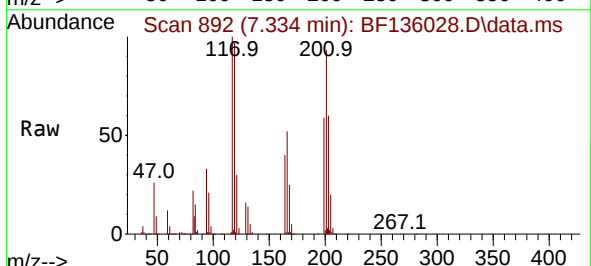
APPROVED

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



#18
Hexachloroethane
Concen: 47.972 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49

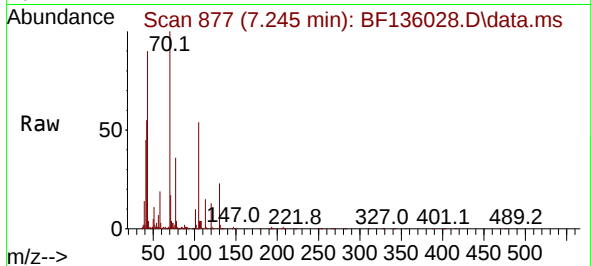
Tgt Ion:117 Resp: 193997
Ion Ratio Lower Upper
117 100
119 97.1 77.7 116.5
201 93.1 75.0 112.6





#19
n-Nitroso-di-n-propylamine
Concen: 46.683 ng
RT: 7.245 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49

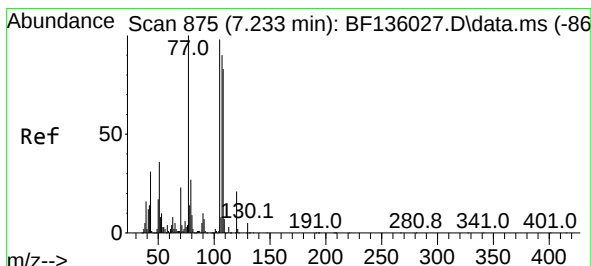
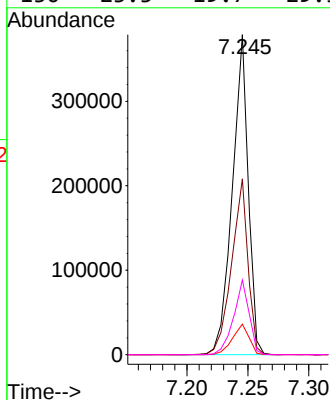
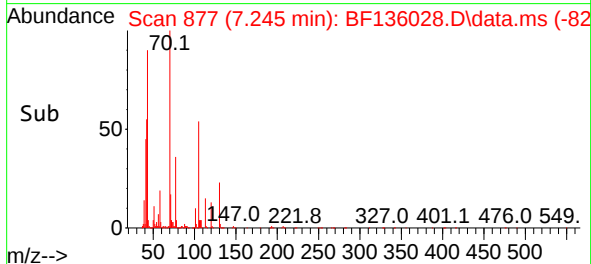
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



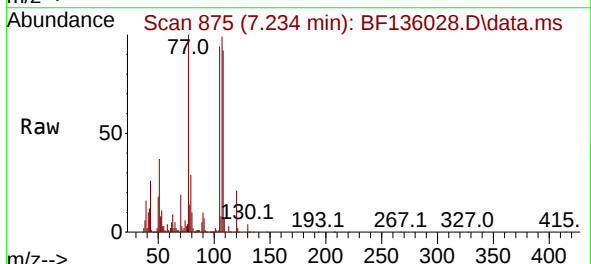
Tgt Ion: 70 Resp: 342894
Ion Ratio Lower Upper
70 100
42 54.9 43.0 64.4
101 9.5 8.0 12.0
130 23.3 19.7 29.5

Manual Integrations
APPROVED

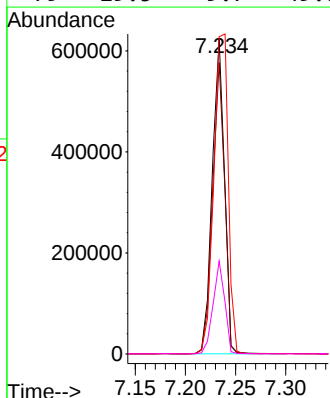
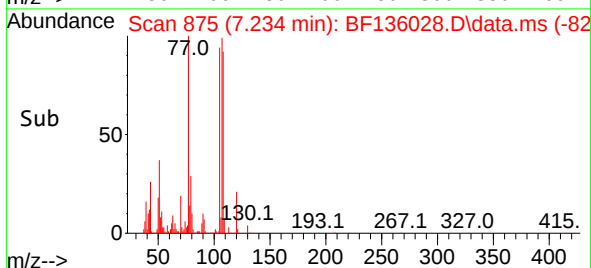
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

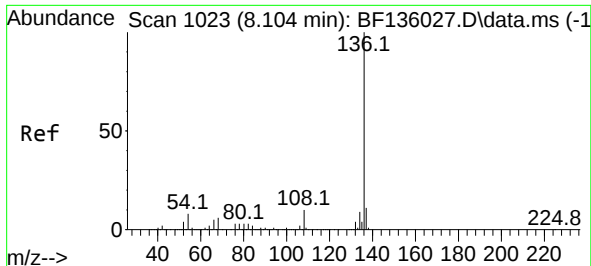


#20
3+4-Methylphenols
Concen: 46.249 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49



Tgt Ion:107 Resp: 527739
Ion Ratio Lower Upper
107 100
108 92.6 72.3 112.3
77 100.8 91.4 131.4
79 29.5 9.7 49.7





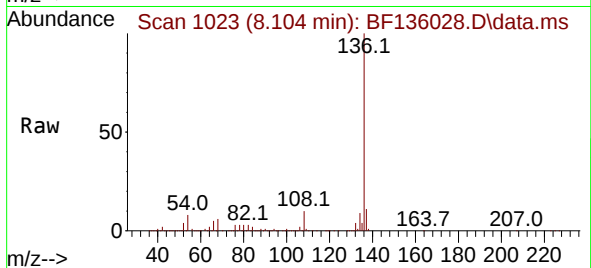
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



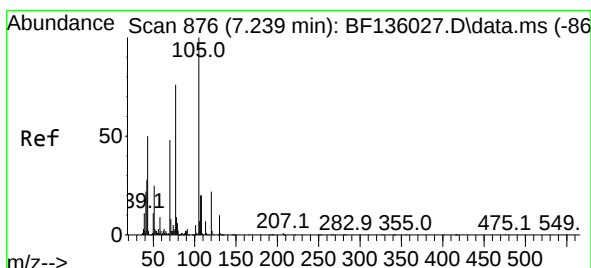
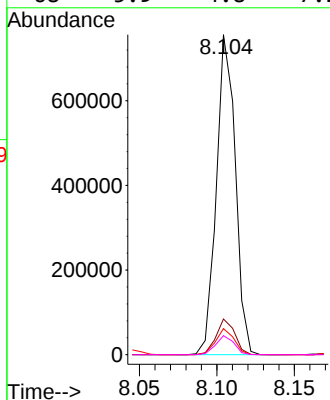
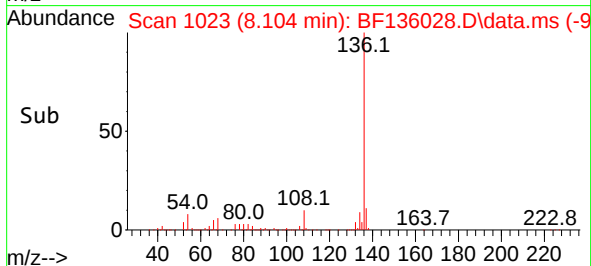
Tgt Ion:136 Resp: 642904
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.2 6.6 9.8
68 5.9 4.8 7.2

Manual Integrations

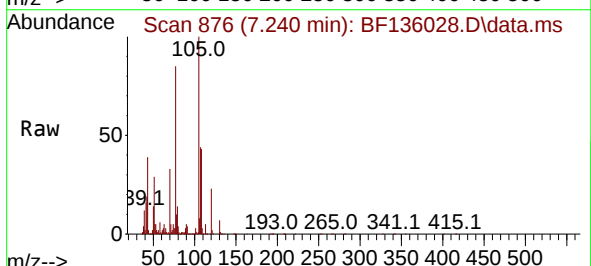
APPROVED

Reviewed By :Yogesh Patel 10/31/2023

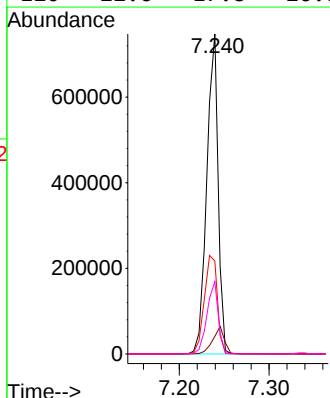
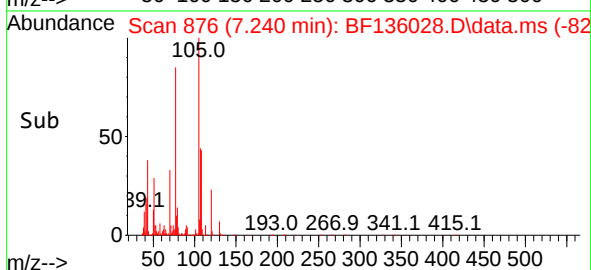
Supervised By :mohammad ahmed 10/31/2023

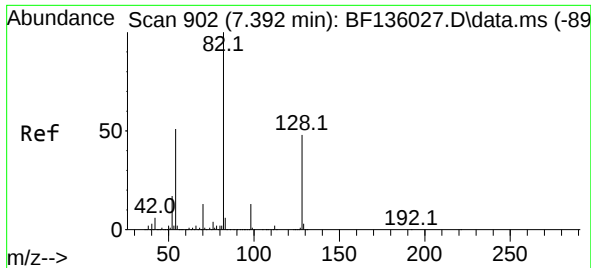


#22
Acetophenone
Concen: 45.993 ng
RT: 7.240 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49



Tgt Ion:105 Resp: 655677
Ion Ratio Lower Upper
105 100
71 5.5 6.5 9.7#
51 29.1 20.3 30.5
120 22.6 17.8 26.8





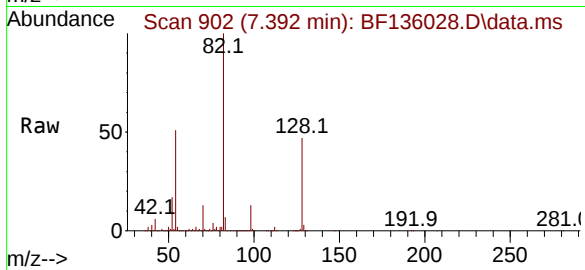
#23
Nitrobenzene-d5
Concen: 97.181 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

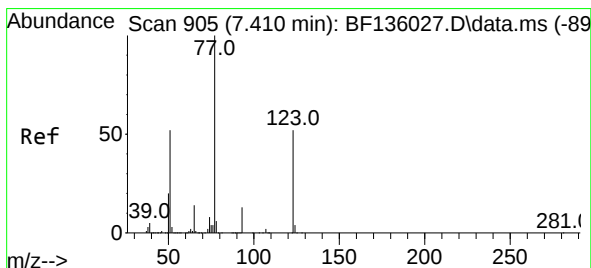
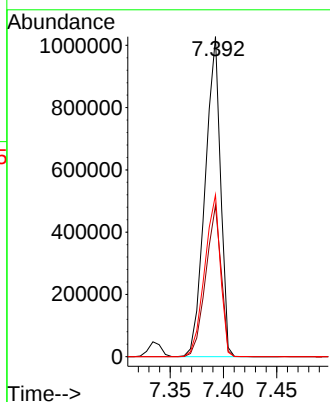
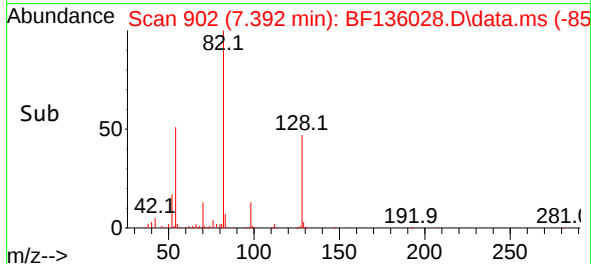


Tgt Ion: 82 Resp: 1036420
Ion Ratio Lower Upper
82 100
128 47.3 38.6 57.8
54 50.6 40.8 61.2

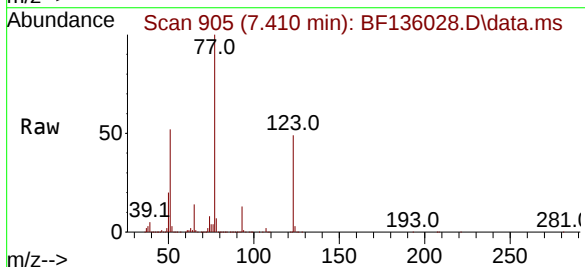
Manual Integrations

APPROVED

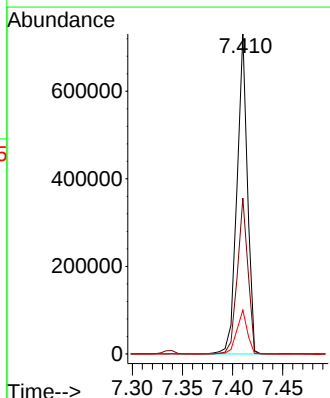
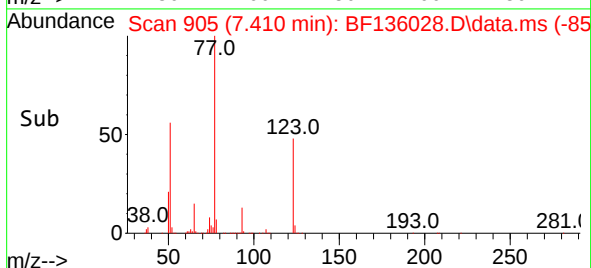
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

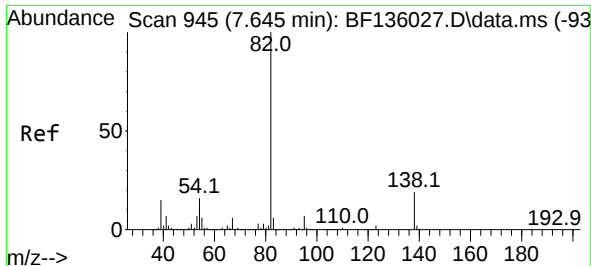


#24
Nitrobenzene
Concen: 48.993 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49



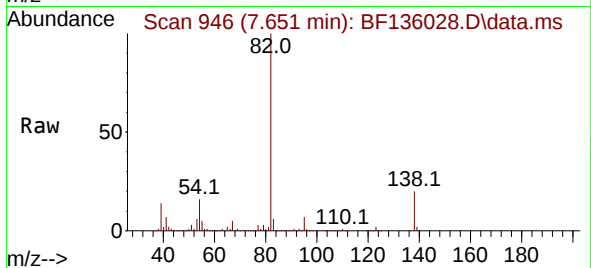
Tgt Ion: 77 Resp: 528522
Ion Ratio Lower Upper
77 100
123 48.7 42.3 63.5
65 13.7 11.0 16.6





#25
Isophorone
Concen: 47.962 ng
RT: 7.651 min Scan# 945
Delta R.T. 0.006 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49

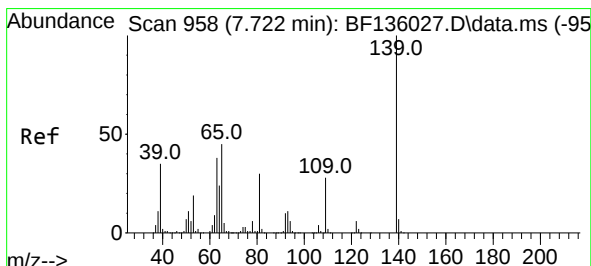
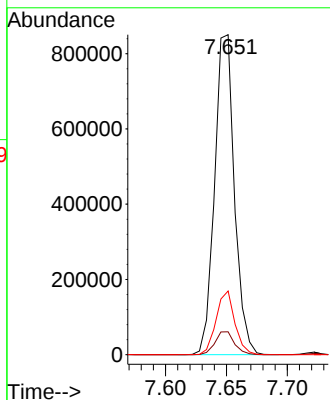
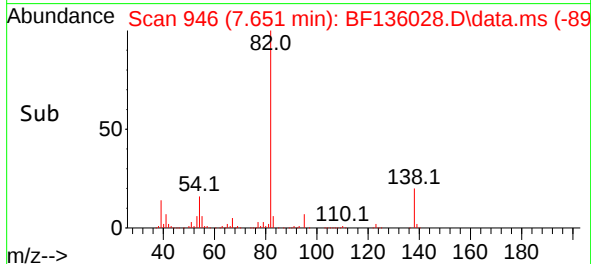
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion: 82 Resp: 96566
Ion Ratio Lower Upper
82 100
95 7.2 5.9 8.9
138 19.9 15.3 22.9

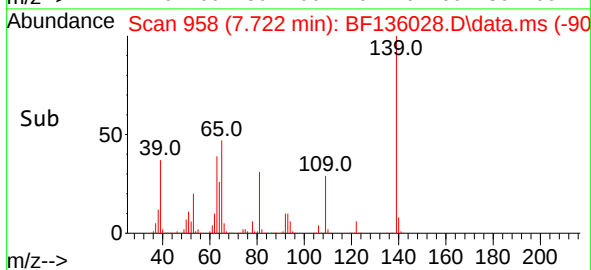
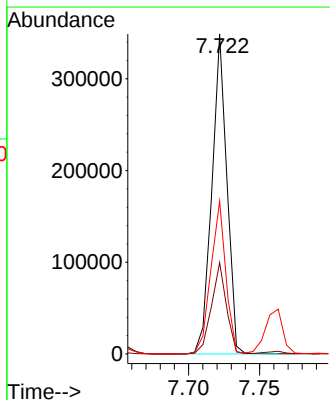
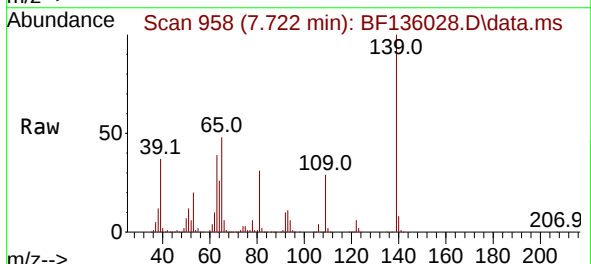
Manual Integrations
APPROVED

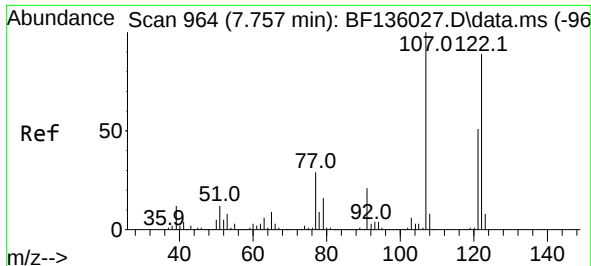
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#26
2-Nitrophenol
Concen: 51.938 ng
RT: 7.722 min Scan# 958
Delta R.T. 0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49

Tgt Ion:139 Resp: 255631
Ion Ratio Lower Upper
139 100
109 28.5 22.6 34.0
65 47.7 36.3 54.5





#27

2,4-Dimethylphenol

Concen: 47.741 ng

RT: 7.763 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF136028.D

Acq: 30 Oct 2023 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

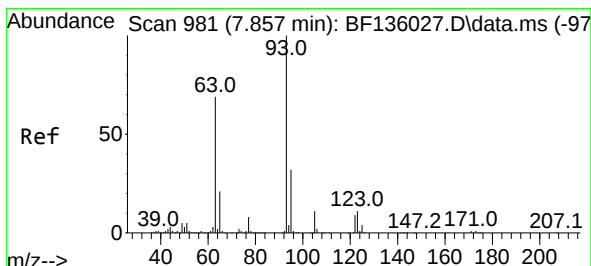
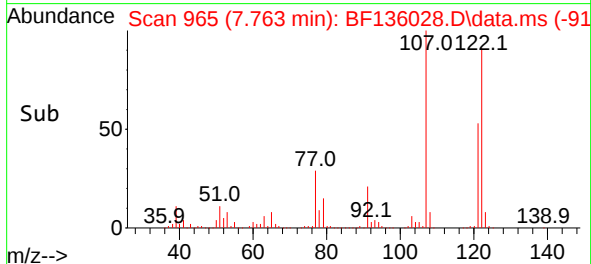
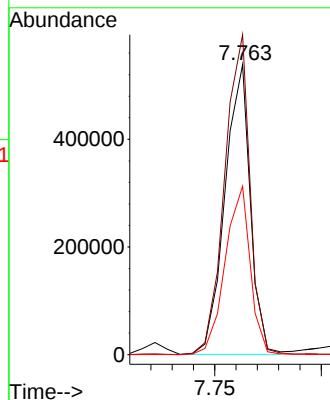
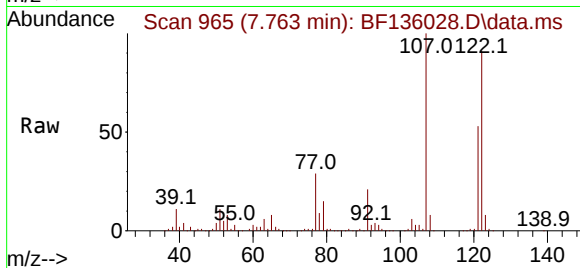
Tgt Ion:122 Resp: 444022
 Ion Ratio Lower Upper
 122 100
 107 110.3 89.6 134.4
 121 58.1 46.0 69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#28

bis(2-Chloroethoxy)methane

Concen: 47.608 ng

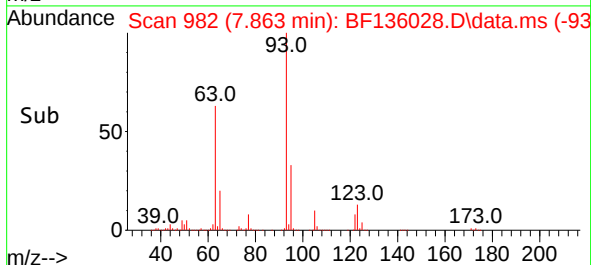
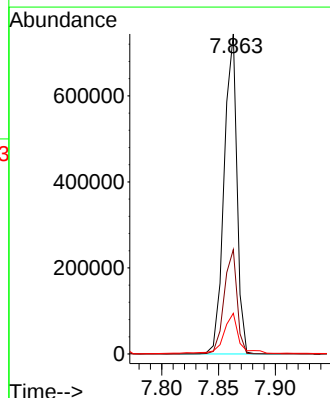
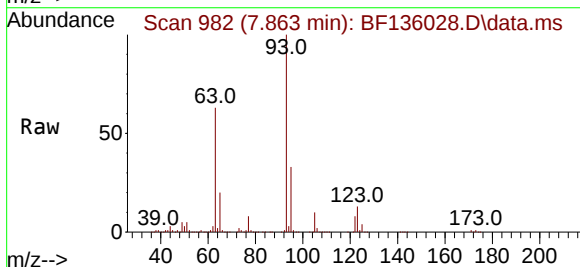
RT: 7.863 min Scan# 982

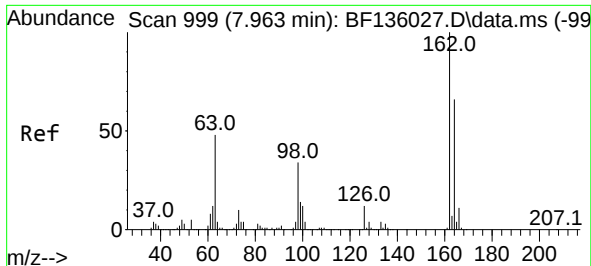
Delta R.T. 0.006 min

Lab File: BF136028.D

Acq: 30 Oct 2023 14:49

Tgt Ion: 93 Resp: 587307
 Ion Ratio Lower Upper
 93 100
 95 32.6 25.7 38.5
 123 12.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 48.194 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF136028.D

Acq: 30 Oct 2023 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:162 Resp: 42256

Ion Ratio Lower Upper

162 100

164 65.0 45.5 85.5

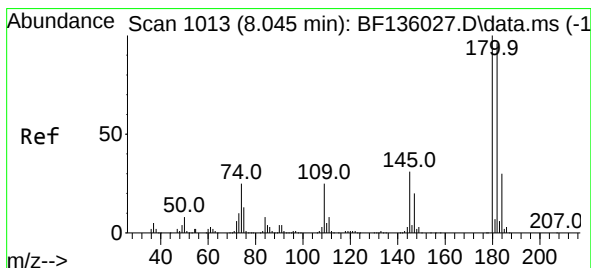
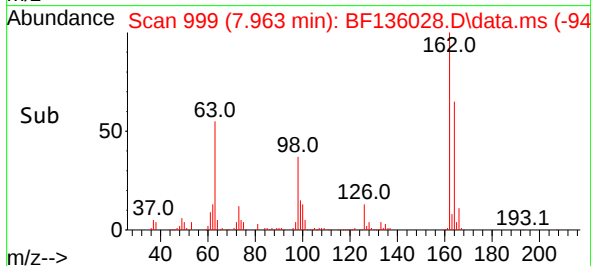
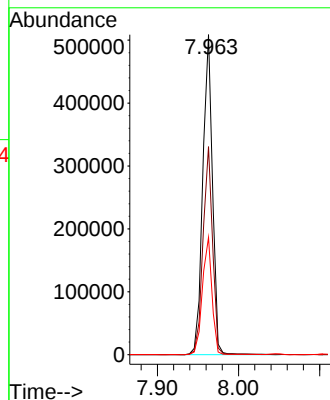
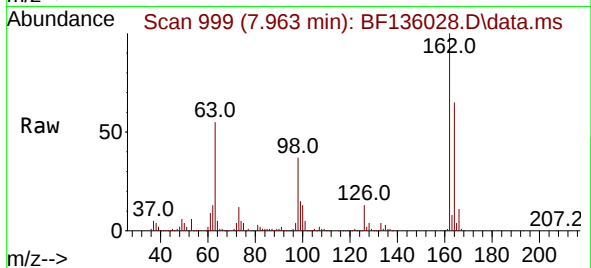
98 36.7 14.4 54.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#30

1,2,4-Trichlorobenzene

Concen: 47.471 ng

RT: 8.045 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF136028.D

Acq: 30 Oct 2023 14:49

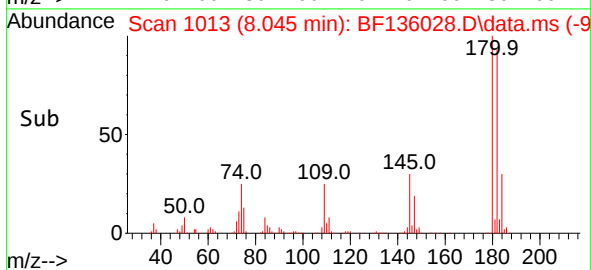
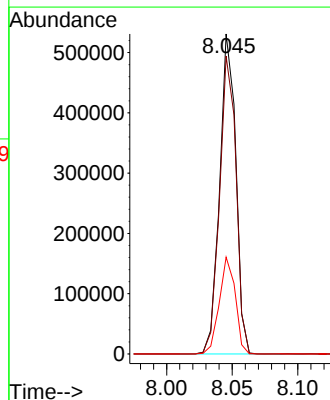
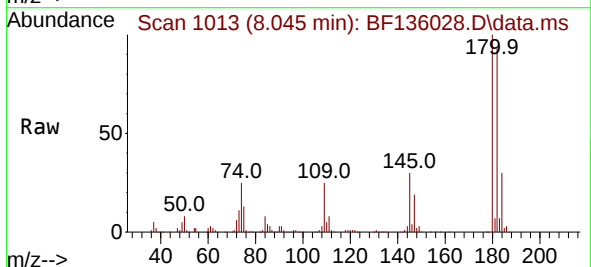
Tgt Ion:180 Resp: 454054

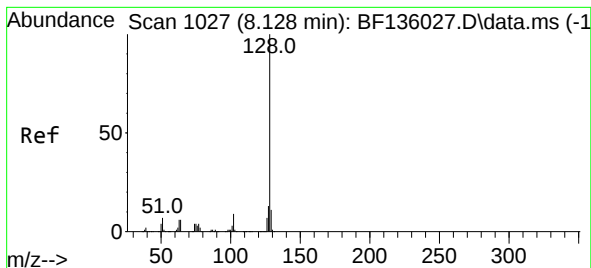
Ion Ratio Lower Upper

180 100

182 93.1 76.9 115.3

145 30.3 24.7 37.1





#31

Naphthalene

Concen: 47.364 ng

RT: 8.128 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF136028.D

Acq: 30 Oct 2023 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:128 Resp: 146838

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

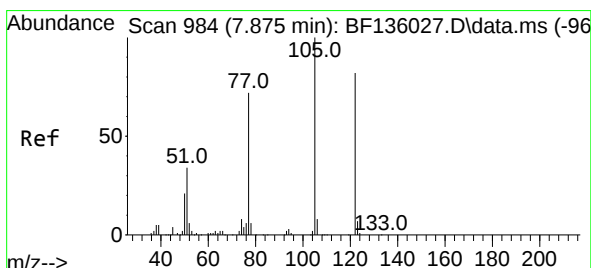
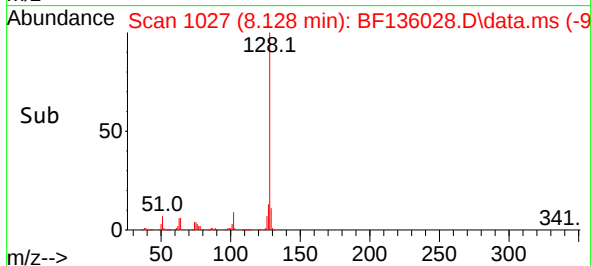
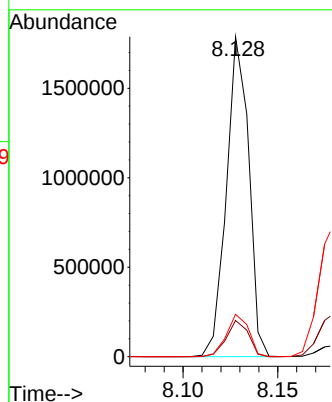
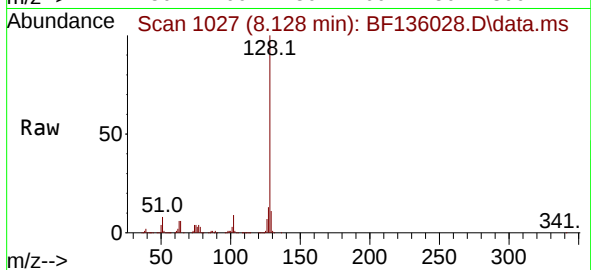
127 13.2 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#32

Benzoic acid

Concen: 47.699 ng m

RT: 7.887 min Scan# 986

Delta R.T. 0.012 min

Lab File: BF136028.D

Acq: 30 Oct 2023 14:49

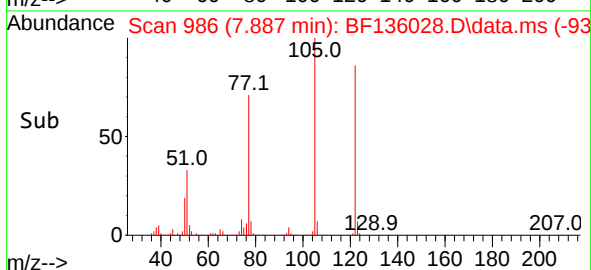
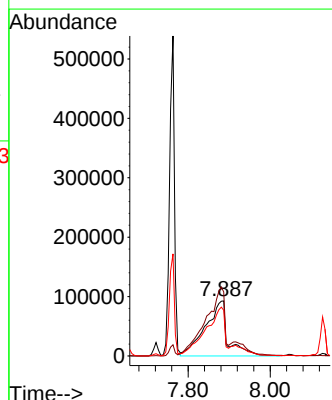
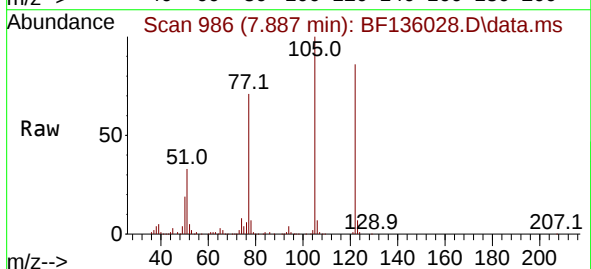
Tgt Ion:122 Resp: 357539

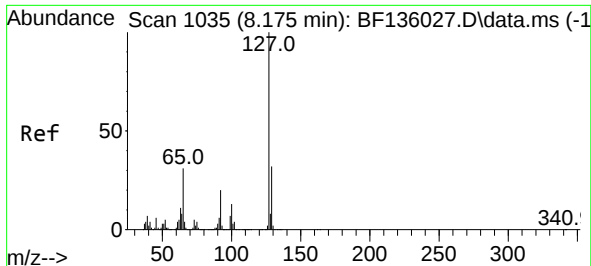
Ion Ratio Lower Upper

122 100

105 116.3 99.5 139.5

77 83.0 66.8 106.8





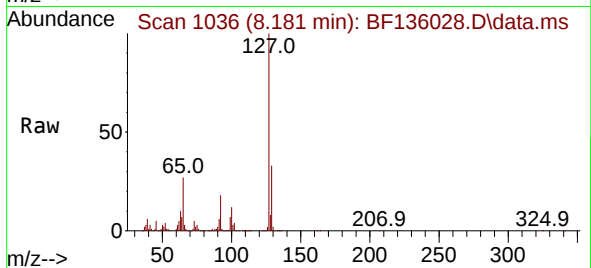
#33
4-Chloroaniline
Concen: 47.717 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.006 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

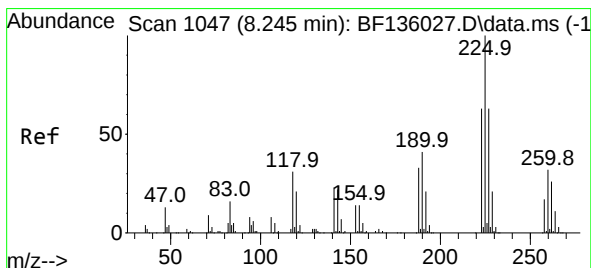
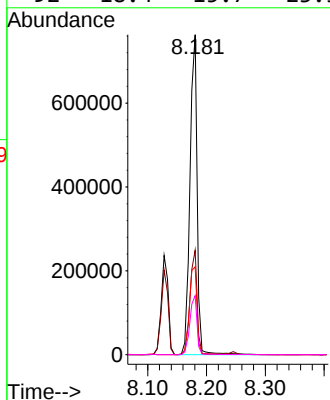
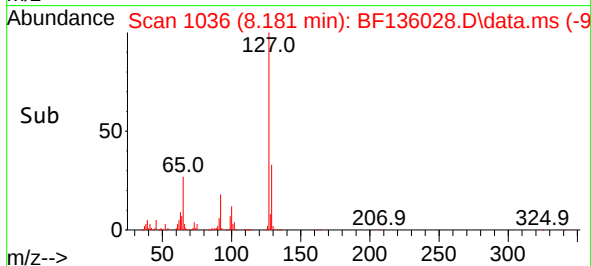


Tgt Ion:127 Resp: 647840
Ion Ratio Lower Upper
127 100
129 32.6 25.9 38.9
65 27.5 24.6 37.0
92 18.4 15.7 23.5

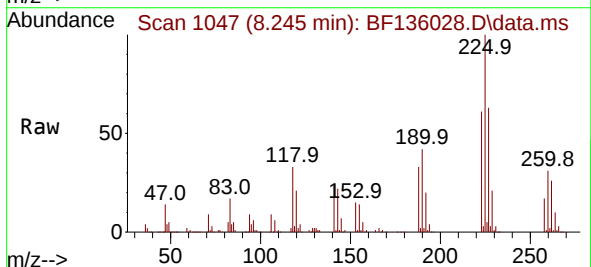
Manual Integrations

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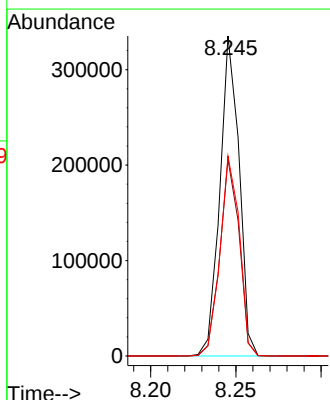
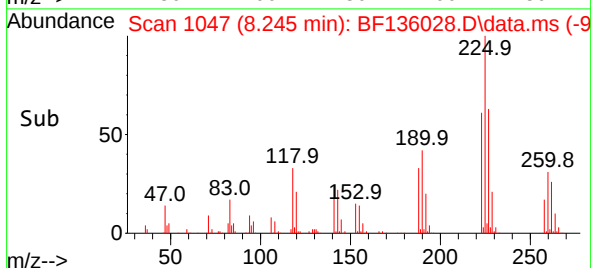
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

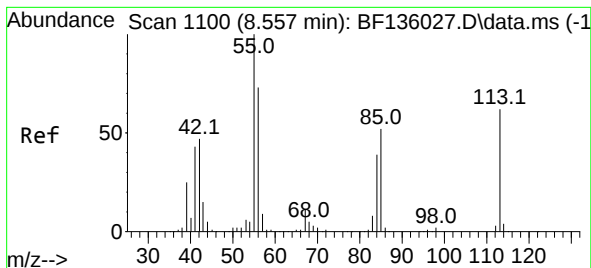


#34
Hexachlorobutadiene
Concen: 47.899 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49



Tgt Ion:225 Resp: 262743
Ion Ratio Lower Upper
225 100
223 61.5 50.3 75.5
227 62.5 50.6 75.8





#35

Caprolactam

Concen: 49.595 ng

RT: 8.563 min Scan# 1101

Delta R.T. 0.006 min

Lab File: BF136028.D

Acq: 30 Oct 2023 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:113 Resp: 141390

Ion Ratio Lower Upper

113 100

55 171.0 142.2 182.2

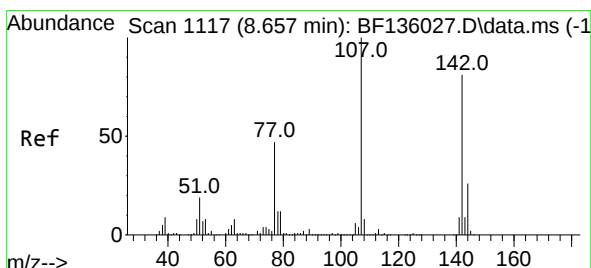
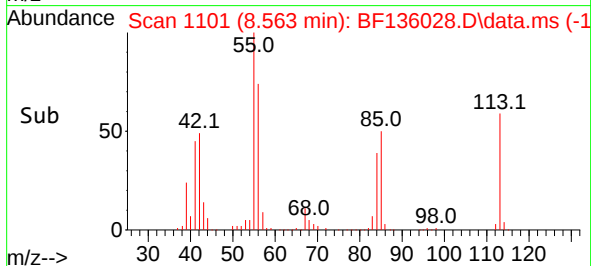
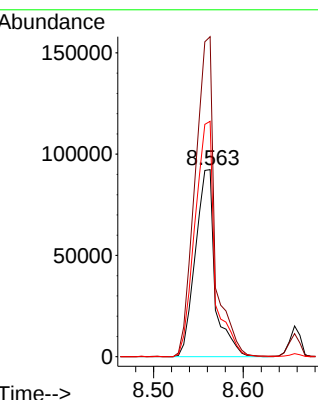
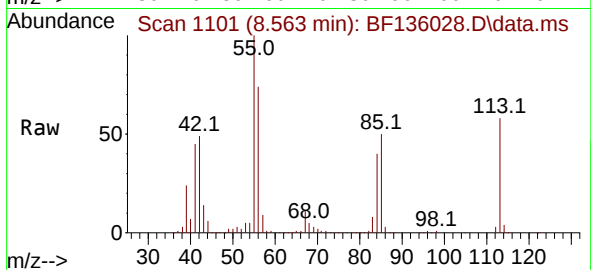
56 125.8 97.7 137.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#36

4-Chloro-3-methylphenol

Concen: 47.999 ng

RT: 8.657 min Scan# 1117

Delta R.T. 0.000 min

Lab File: BF136028.D

Acq: 30 Oct 2023 14:49

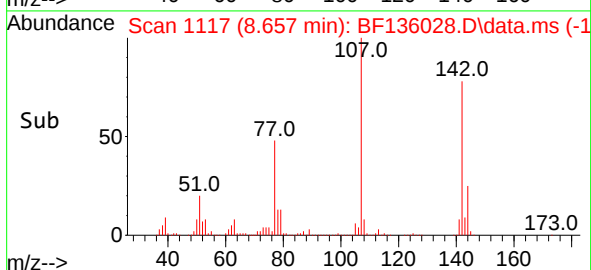
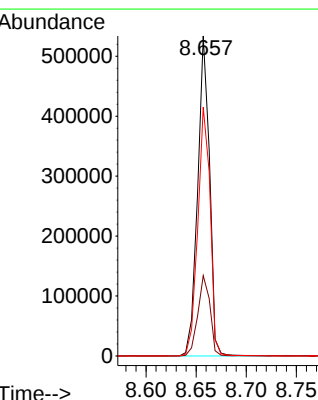
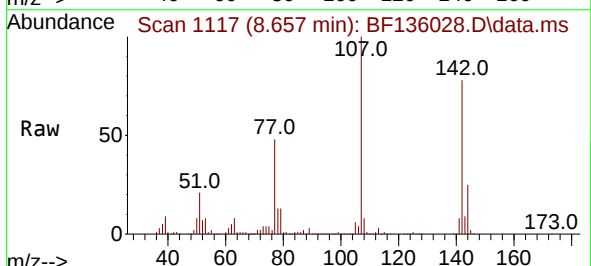
Tgt Ion:107 Resp: 441842

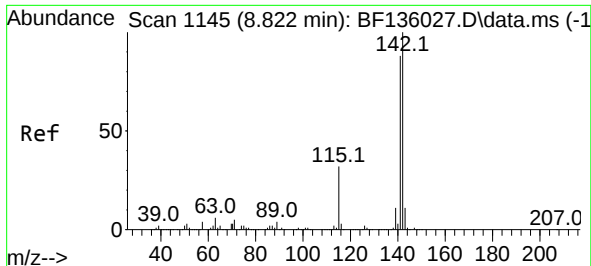
Ion Ratio Lower Upper

107 100

144 25.1 20.6 31.0

142 77.8 64.6 97.0





#37
2-Methylnaphthalene
Concen: 47.147 ng
RT: 8.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49

Instrument :

BNA_F

ClientSampleId :

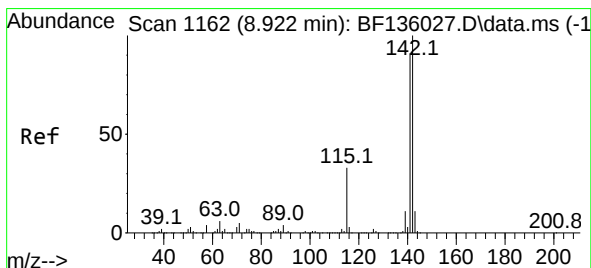
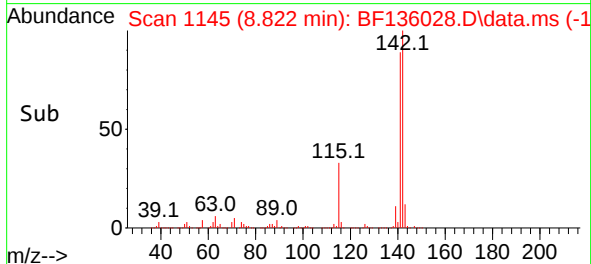
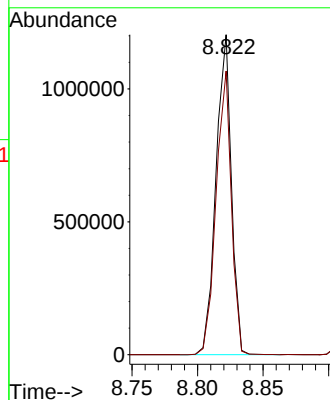
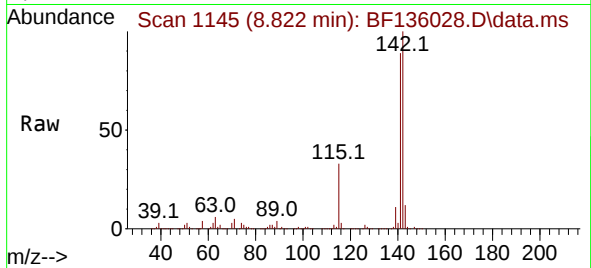
SSTDICC050

Tgt Ion:142 Resp: 980074
Ion Ratio Lower Upper
142 100
141 88.6 70.4 105.6

Manual Integrations

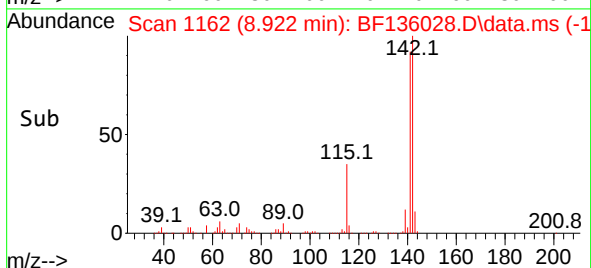
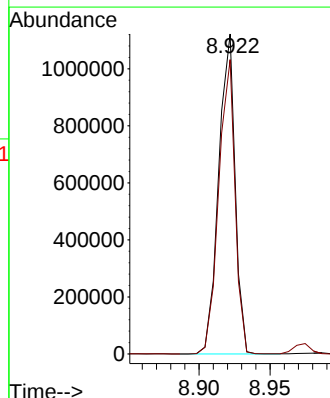
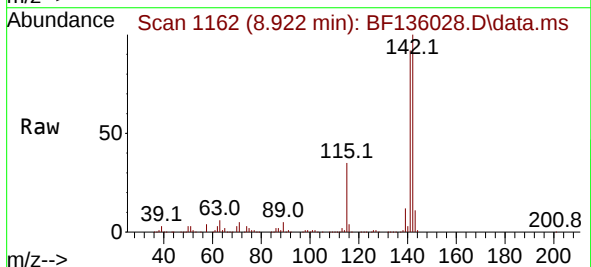
APPROVED

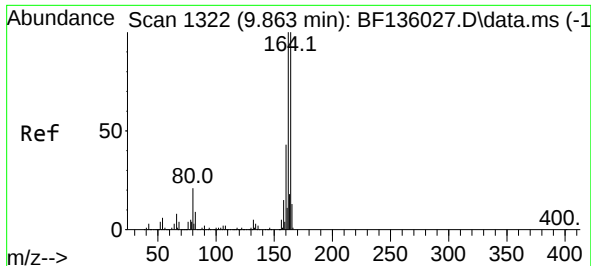
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#38
1-Methylnaphthalene
Concen: 46.459 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49

Tgt Ion:142 Resp: 898757
Ion Ratio Lower Upper
142 100
141 92.0 72.6 109.0





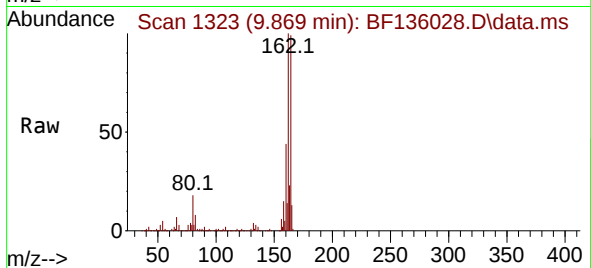
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

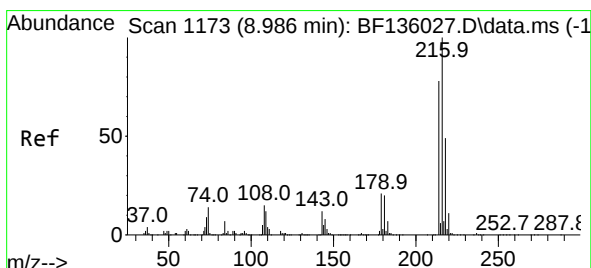
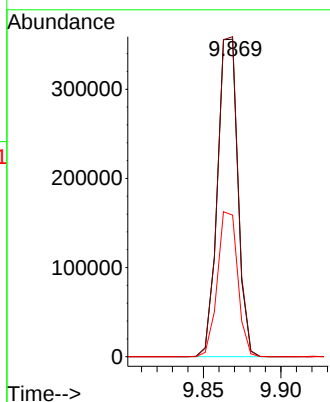
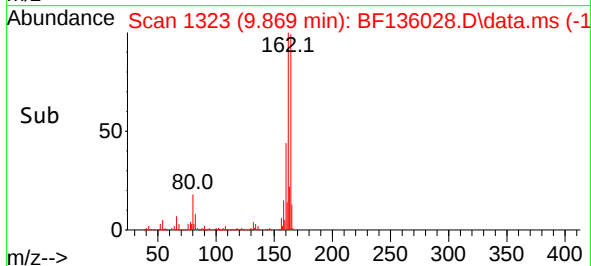


Tgt Ion:164 Resp: 326700
Ion Ratio Lower Upper
164 100
162 100.8 80.1 120.1
160 44.6 34.8 52.2

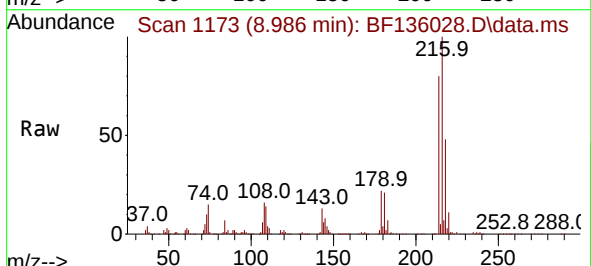
Manual Integrations

APPROVED

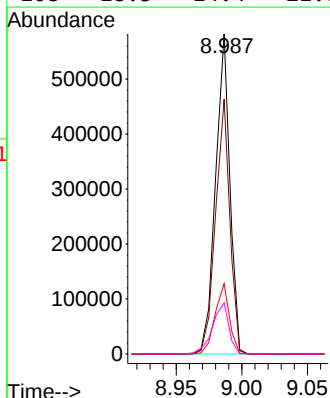
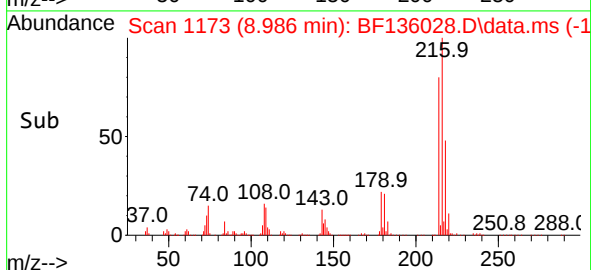
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

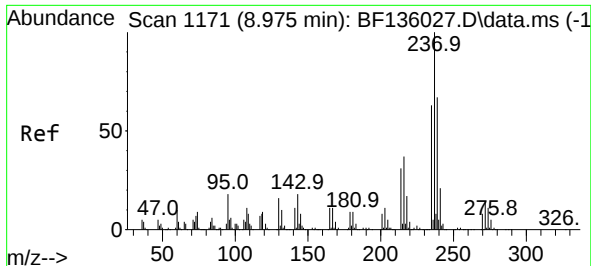


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.331 ng
RT: 8.986 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49



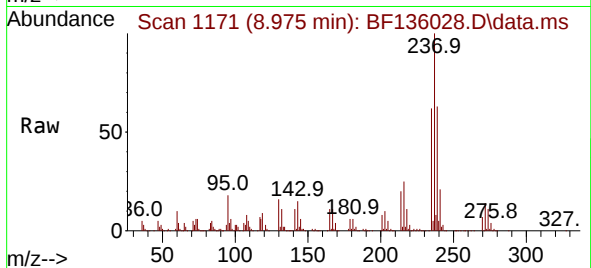
Tgt Ion:216 Resp: 441005
Ion Ratio Lower Upper
216 100
214 79.4 63.8 95.6
179 22.0 17.5 26.3
108 18.3 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 50.531 ng
RT: 8.975 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49

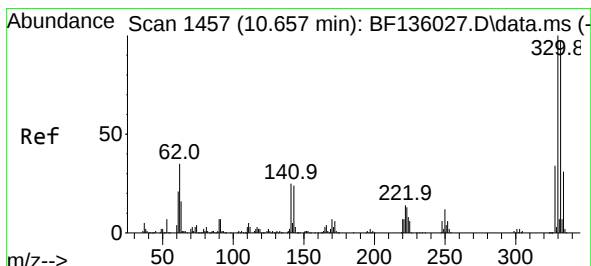
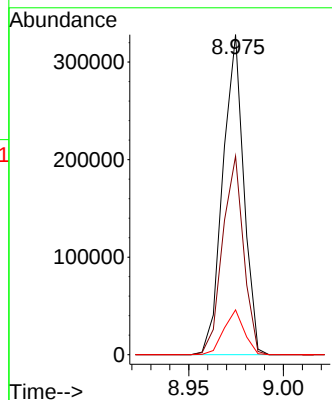
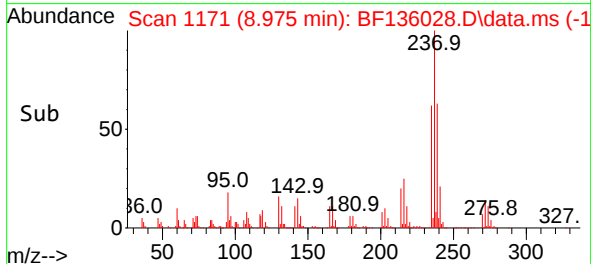
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



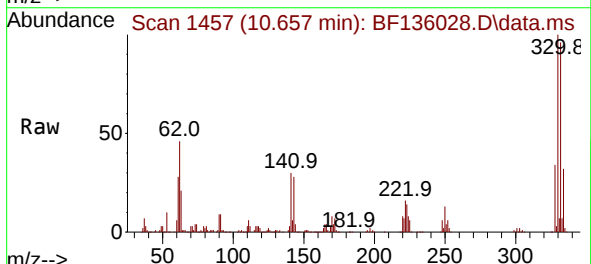
Tgt Ion: 237 Resp: 25153
Ion Ratio Lower Upper
237 100
235 62.0 43.3 83.3
272 14.0 0.0 34.2

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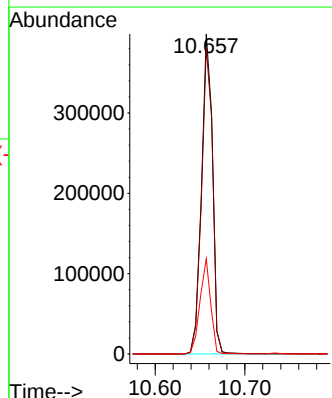
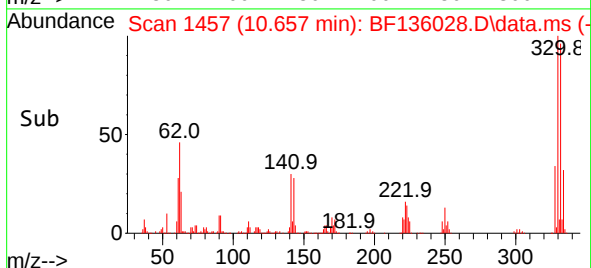
Reviewed By : Yogesh Patel 10/31/2023
Supervised By : mohammad ahmed 10/31/2023

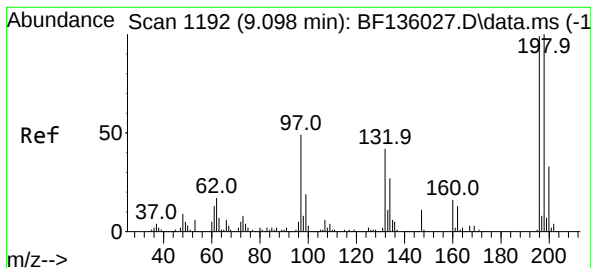


#42
2,4,6-Tribromophenol
Concen: 97.273 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49



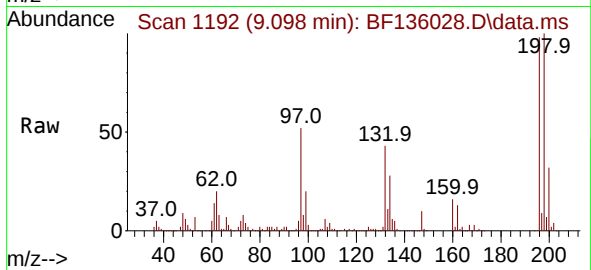
Tgt Ion: 330 Resp: 339209
Ion Ratio Lower Upper
330 100
332 96.7 76.9 115.3
141 28.8 23.2 34.8





#43
2,4,6-Trichlorophenol
Concen: 48.793 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49

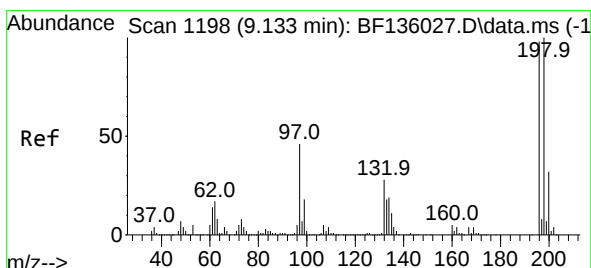
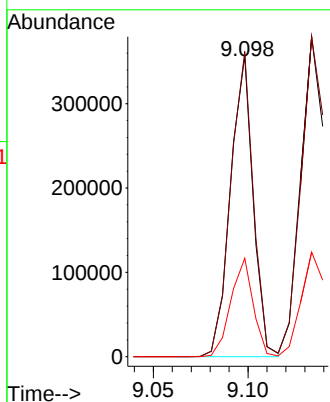
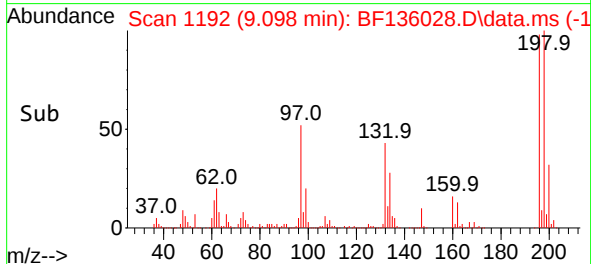
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



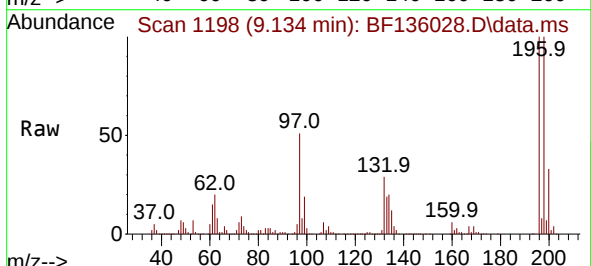
Tgt Ion:196 Resp: 296423
Ion Ratio Lower Upper
196 100
198 101.5 80.7 121.1
200 32.7 26.8 40.2

Manual Integrations
APPROVED

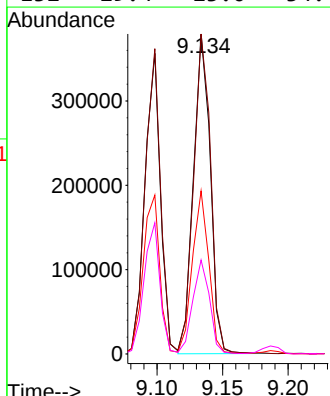
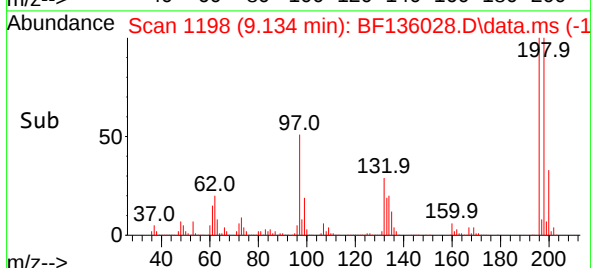
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

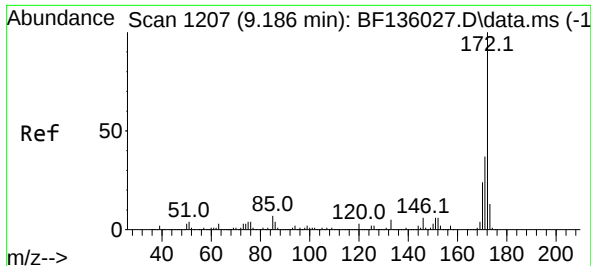


#44
2,4,5-Trichlorophenol
Concen: 48.231 ng
RT: 9.134 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49



Tgt Ion:196 Resp: 339410
Ion Ratio Lower Upper
196 100
198 100.1 81.6 122.4
97 51.0 38.2 57.2
132 29.4 23.0 34.4





#45

2-Fluorobiphenyl

Concen: 91.008 ng

RT: 9.186 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF136028.D

Acq: 30 Oct 2023 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:172 Resp: 186517

Ion Ratio Lower Upper

172 100

171 36.0 29.4 44.0

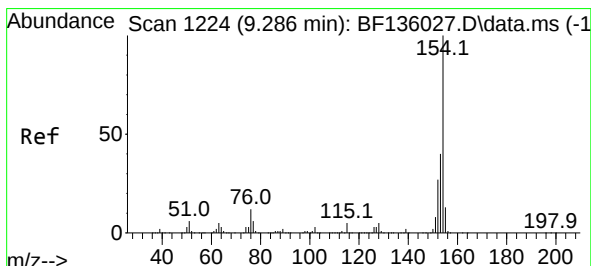
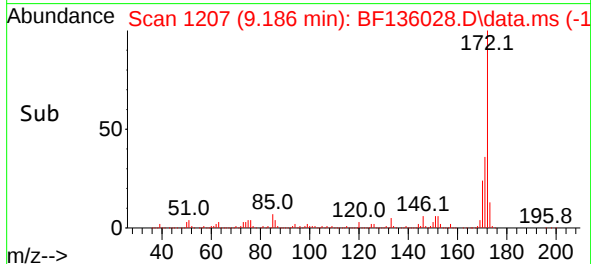
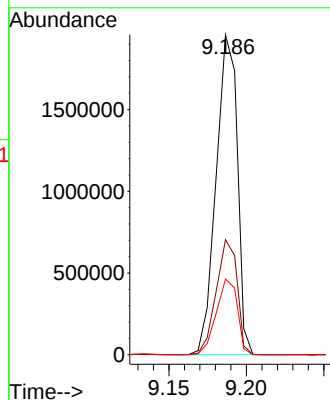
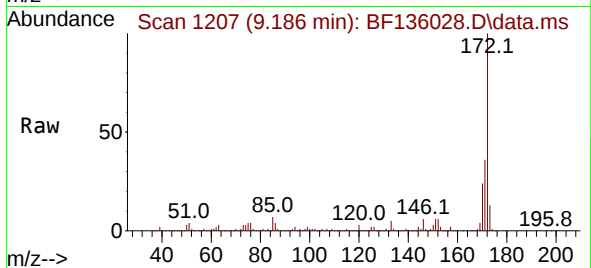
170 23.7 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#46

1,1'-Biphenyl

Concen: 46.922 ng

RT: 9.286 min Scan# 1224

Delta R.T. 0.000 min

Lab File: BF136028.D

Acq: 30 Oct 2023 14:49

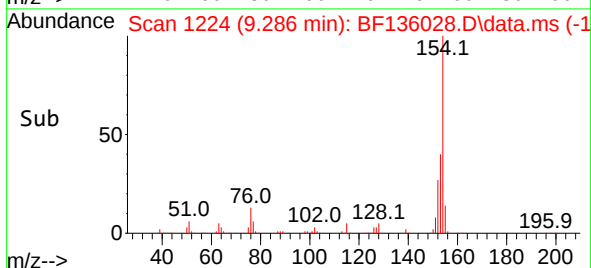
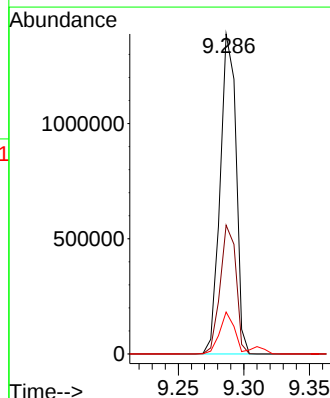
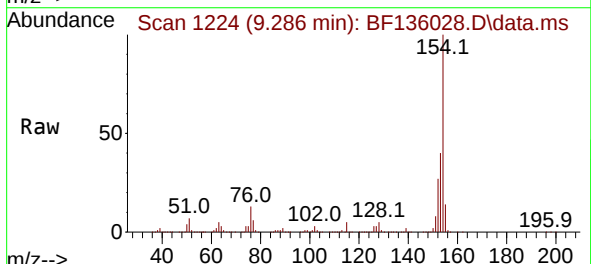
Tgt Ion:154 Resp: 1168598

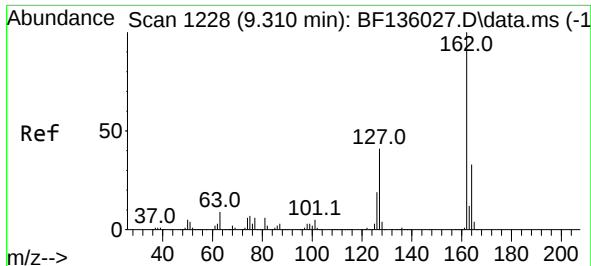
Ion Ratio Lower Upper

154 100

153 40.3 20.1 60.1

76 13.1 0.0 32.5





#47

2-Chloronaphthalene

Concen: 47.313 ng

RT: 9.310 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BF136028.D

Acq: 30 Oct 2023 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:162 Resp: 868670

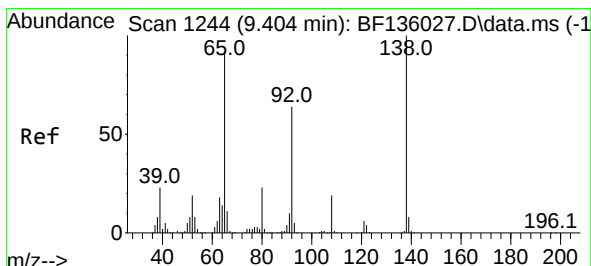
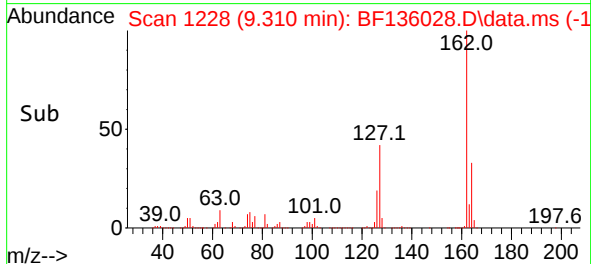
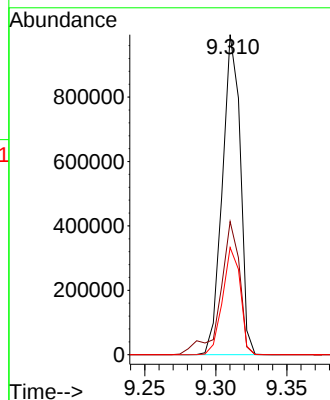
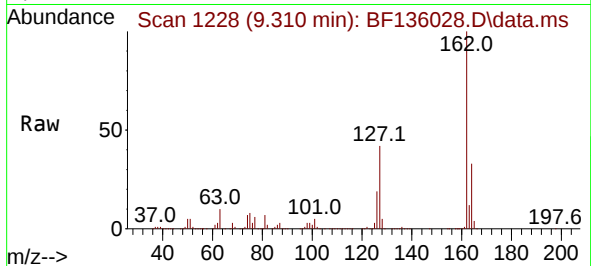
Ion	Ratio	Lower	Upper
162	100		
127	41.6	32.4	48.6
164	33.5	26.7	40.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#48

2-Nitroaniline

Concen: 51.470 ng

RT: 9.410 min Scan# 1245

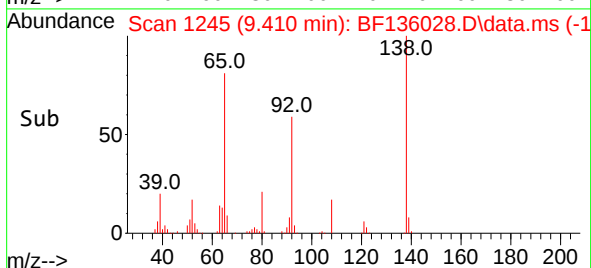
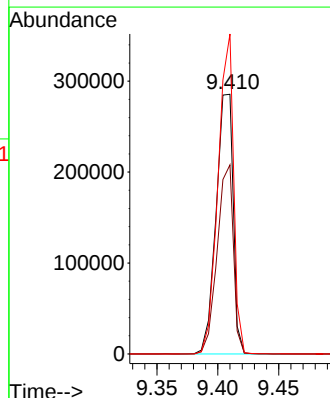
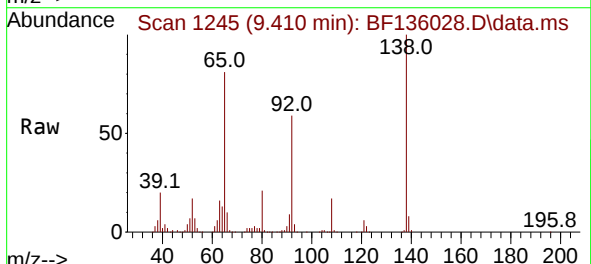
Delta R.T. 0.006 min

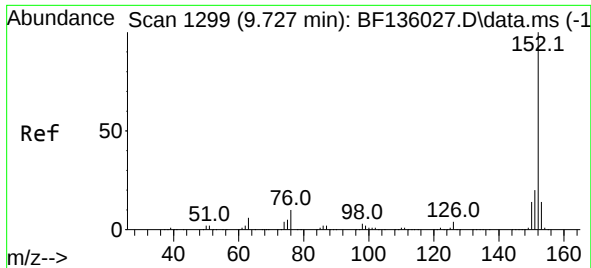
Lab File: BF136028.D

Acq: 30 Oct 2023 14:49

Tgt Ion: 65 Resp: 279667

Ion	Ratio	Lower	Upper
65	100		
92	72.8	55.7	83.5
138	123.2	86.8	130.2





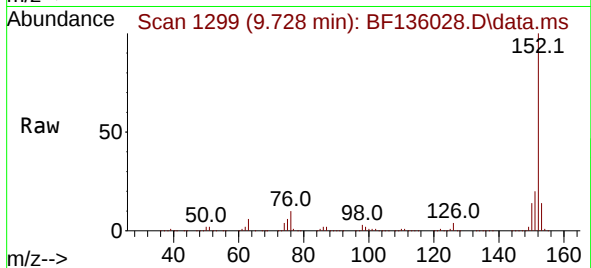
#49
Acenaphthylene
Concen: 47.603 ng
RT: 9.728 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



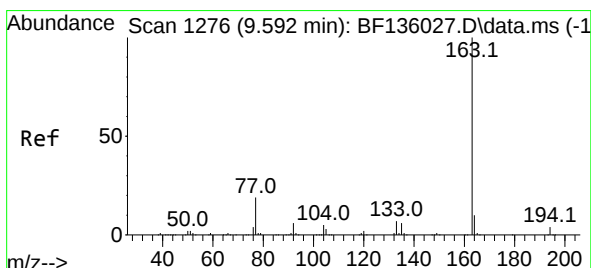
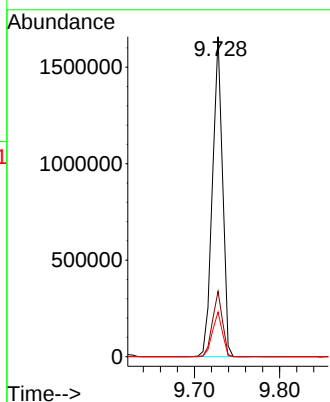
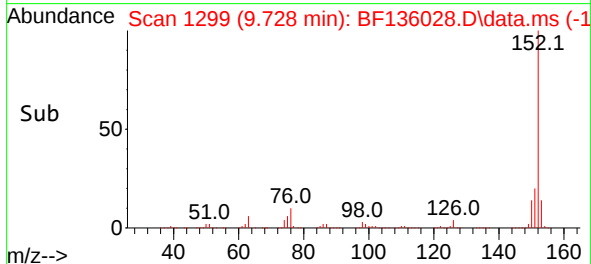
Tgt Ion:152 Resp: 136347
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1
153 13.9 11.4 17.2

Manual Integrations

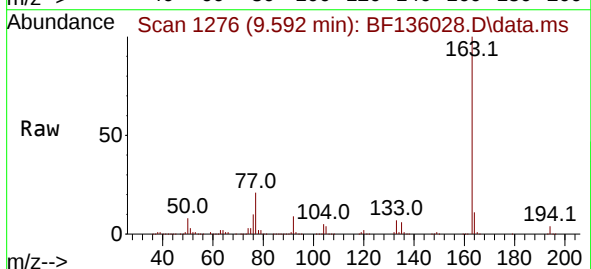
APPROVED

Reviewed By :Yogesh Patel 10/31/2023

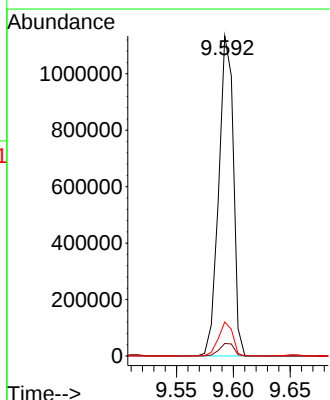
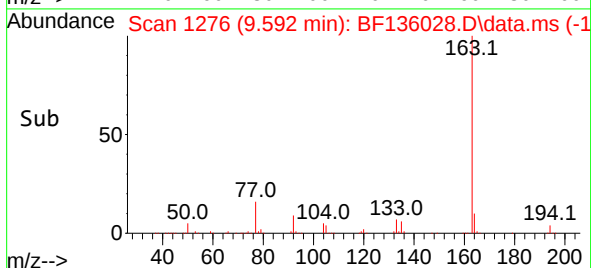
Supervised By :mohammad ahmed 10/31/2023

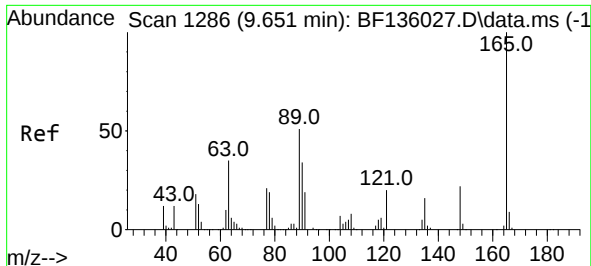


#50
Dimethylphthalate
Concen: 47.267 ng
RT: 9.592 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49



Tgt Ion:163 Resp: 1018595
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.6 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 50.278 ng

RT: 9.651 min Scan# 1286

Delta R.T. 0.000 min

Lab File: BF136028.D

Acq: 30 Oct 2023 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:165 Resp: 231738

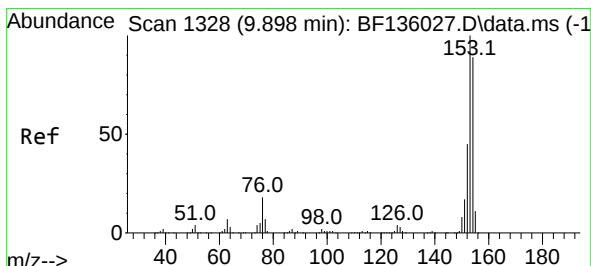
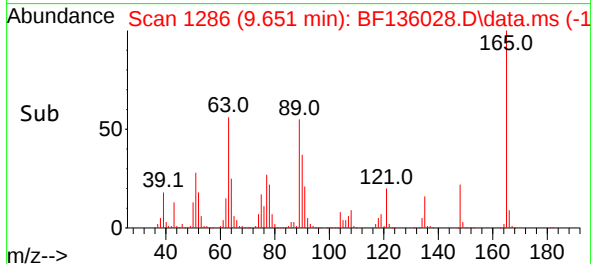
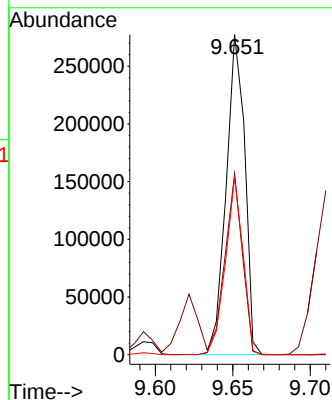
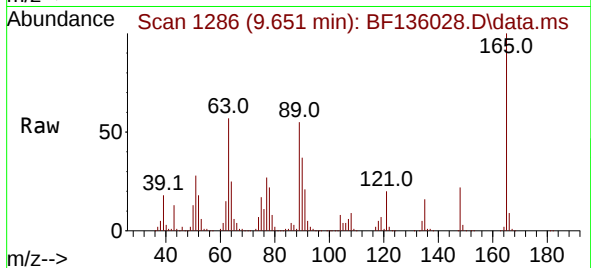
Ion	Ratio	Lower	Upper
165	100		
63	56.6	40.8	61.2
89	55.5	41.1	61.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#52

Acenaphthene

Concen: 47.265 ng m

RT: 9.904 min Scan# 1329

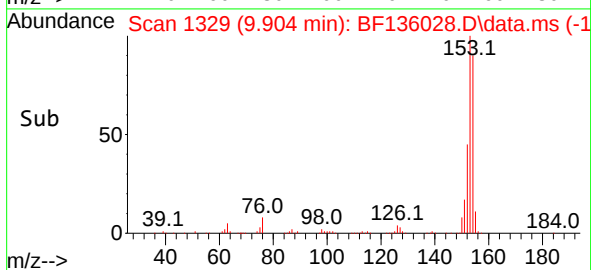
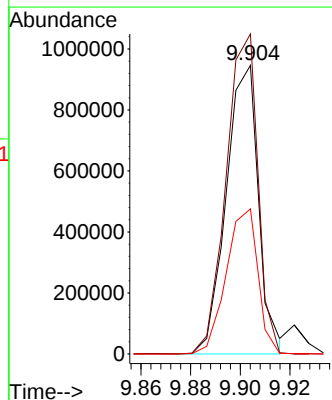
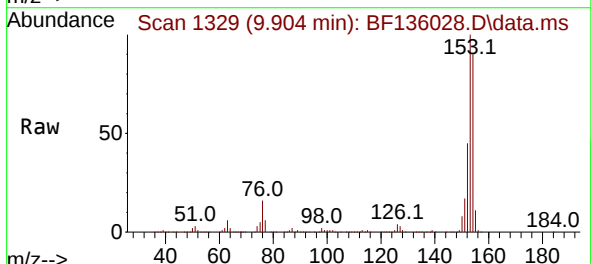
Delta R.T. 0.006 min

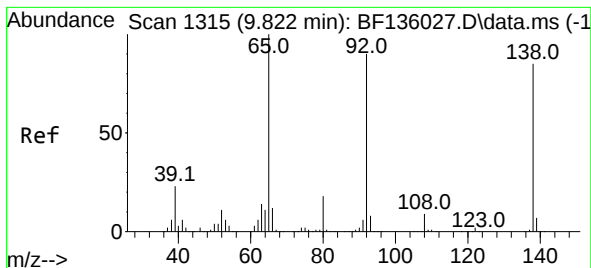
Lab File: BF136028.D

Acq: 30 Oct 2023 14:49

Tgt Ion:154 Resp: 857782

Ion	Ratio	Lower	Upper
154	100		
153	110.9	89.9	134.9
152	50.3	40.2	60.2





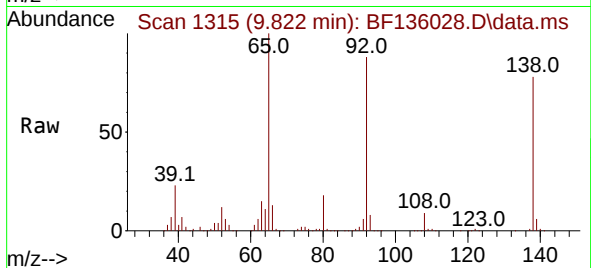
#53
3-Nitroaniline
Concen: 49.519 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

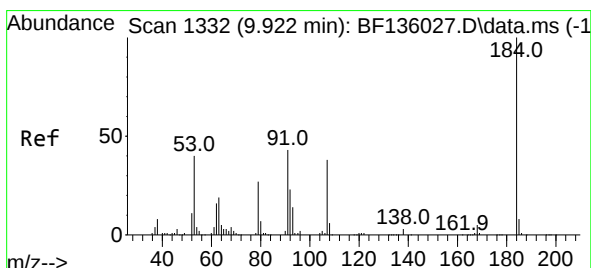
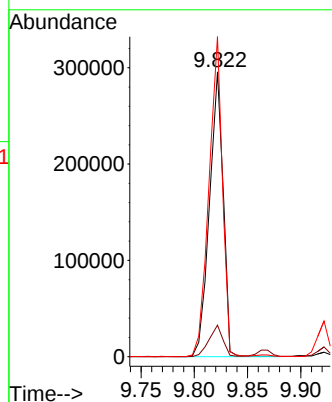
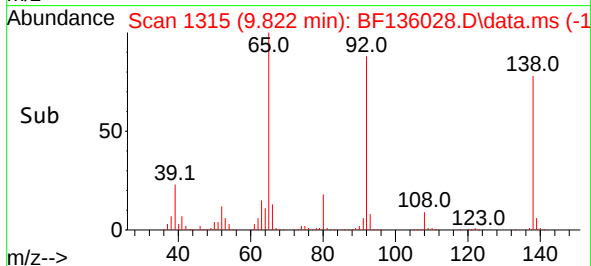


Tgt Ion:138 Resp: 26631
Ion Ratio Lower Upper
138 100
108 11.1 8.8 13.2
92 112.3 84.6 126.8

Manual Integrations

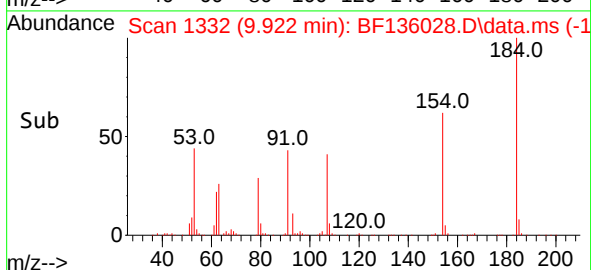
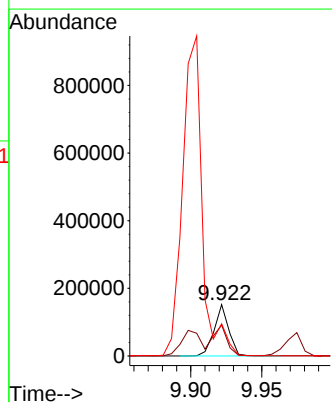
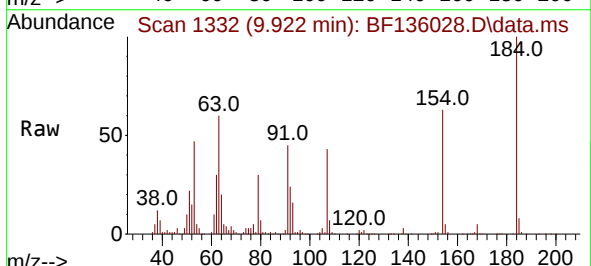
APPROVED

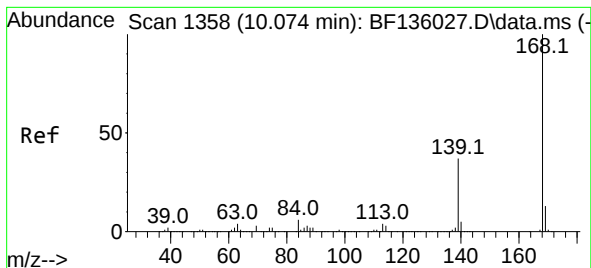
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#54
2,4-Dinitrophenol
Concen: 46.996 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49

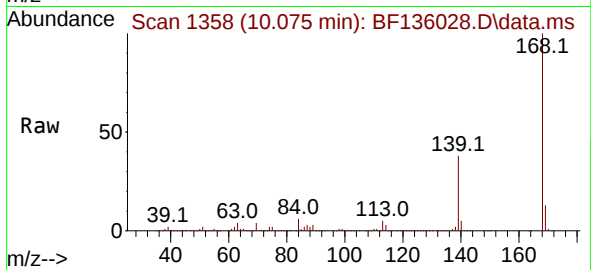
Tgt Ion:184 Resp: 108264
Ion Ratio Lower Upper
184 100
63 60.1 43.7 65.5
154 62.6 51.2 76.8





#55
Dibenzofuran
Concen: 46.814 ng
RT: 10.075 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49

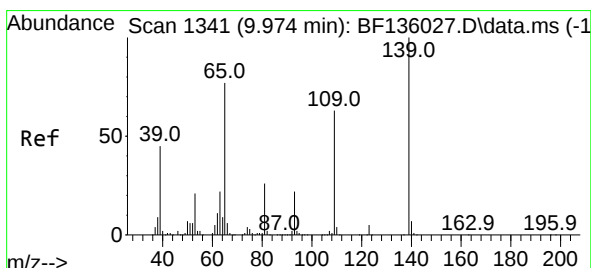
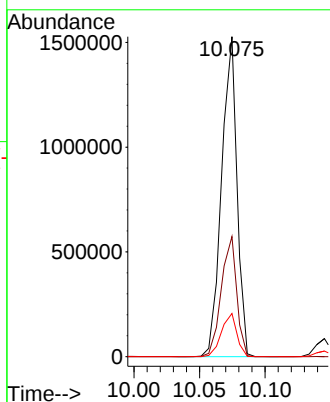
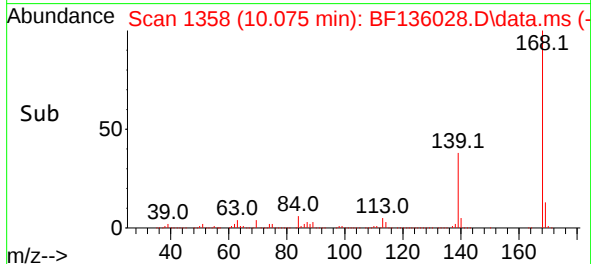
Instrument :
BNA_F
Client Sample Id :
SSTDIC050



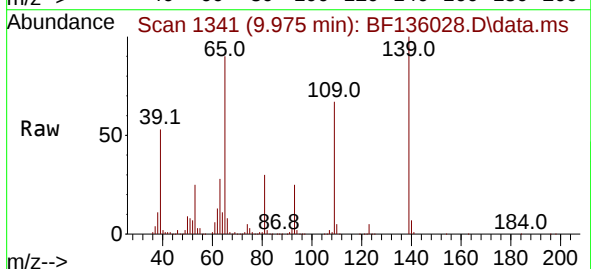
Tgt Ion:168 Resp: 124292
Ion Ratio Lower Upper
168 100
139 37.5 29.4 44.0
169 13.5 10.5 15.7

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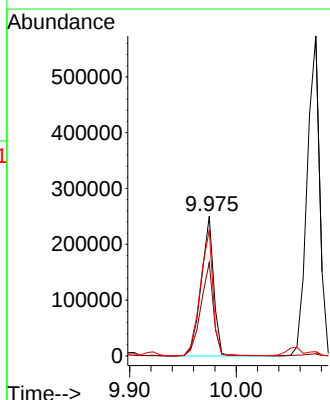
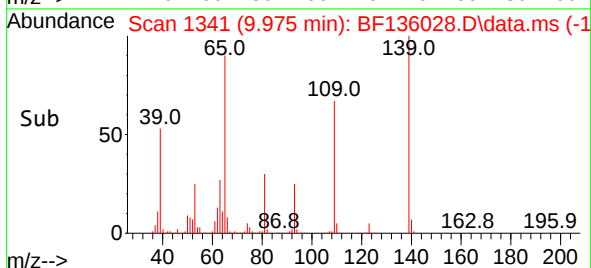
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

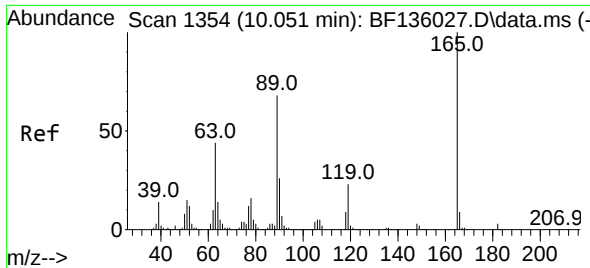


#56
4-Nitrophenol
Concen: 51.099 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49



Tgt Ion:139 Resp: 205562
Ion Ratio Lower Upper
139 100
109 66.9 43.2 83.2
65 90.0 57.6 97.6





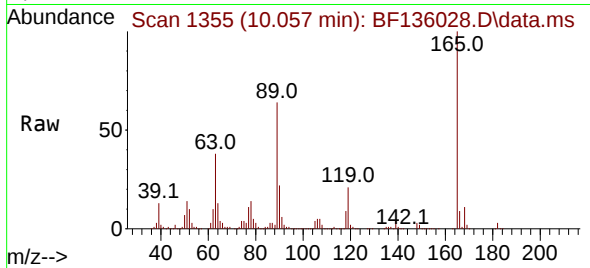
#57
2,4-Dinitrotoluene
Concen: 52.259 ng
RT: 10.057 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

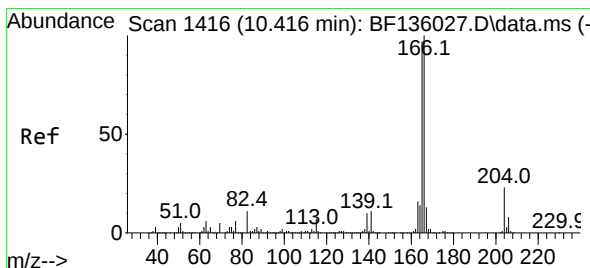
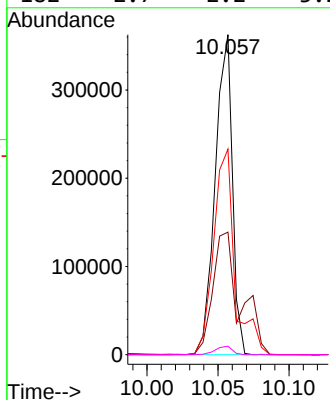
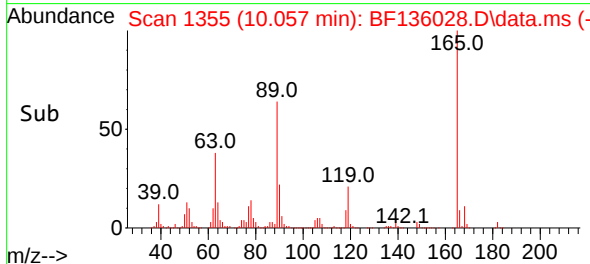


Tgt Ion:165 Resp: 304752
Ion Ratio Lower Upper
165 100
63 38.3 35.2 52.8
89 64.2 54.8 82.2
182 2.7 2.2 3.2

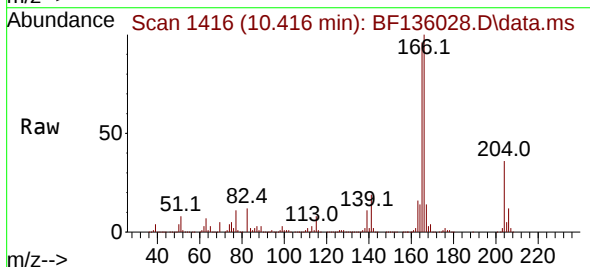
Manual Integrations

APPROVED

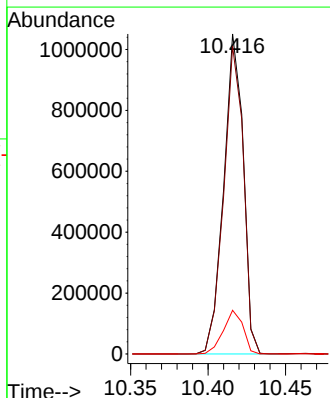
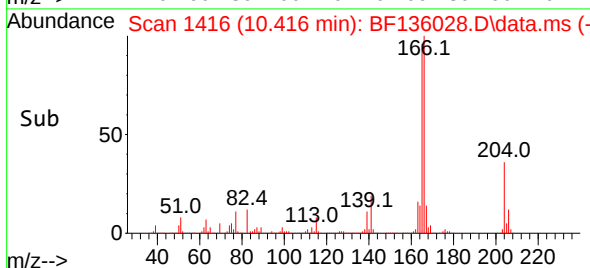
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

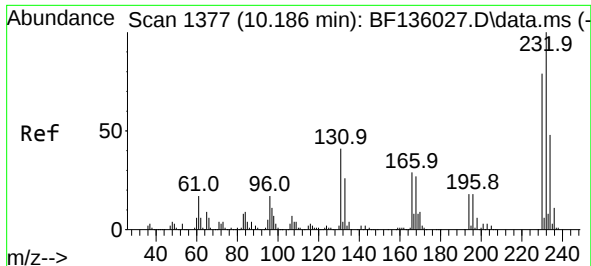


#58
Fluorene
Concen: 46.422 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49



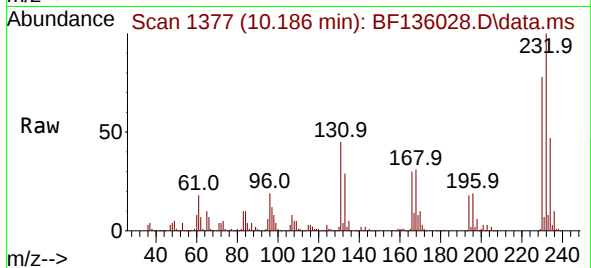
Tgt Ion:166 Resp: 922815
Ion Ratio Lower Upper
166 100
165 96.1 77.7 116.5
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.646 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49

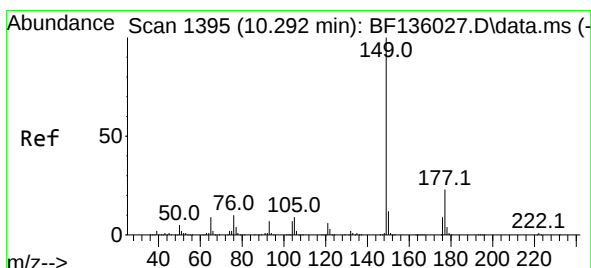
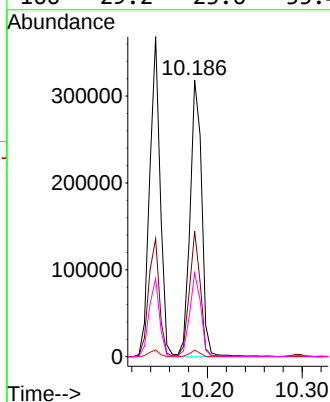
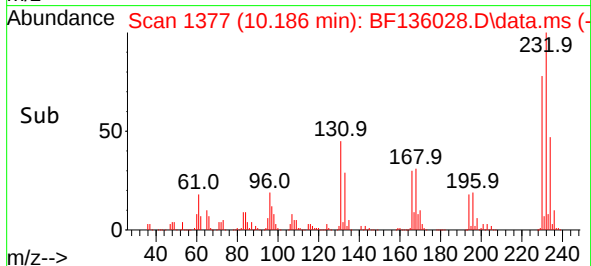
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



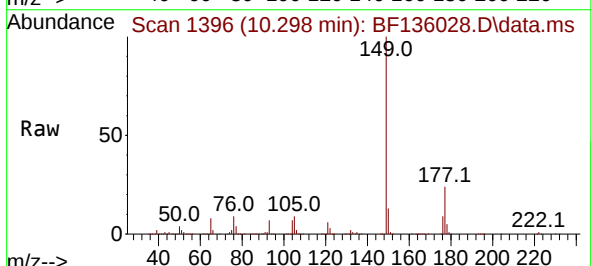
Tgt Ion:232 Resp: 27216
Ion Ratio Lower Upper
232 100
131 42.7 34.6 52.0
130 2.1 1.6 2.4
166 29.2 23.6 35.4

Manual Integrations
APPROVED

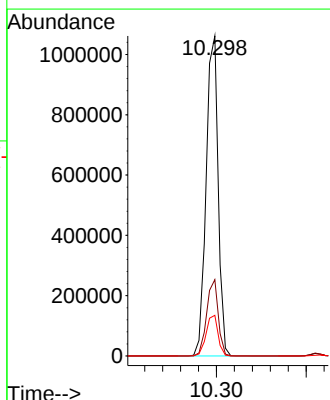
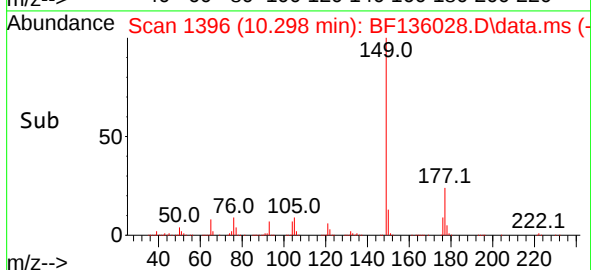
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

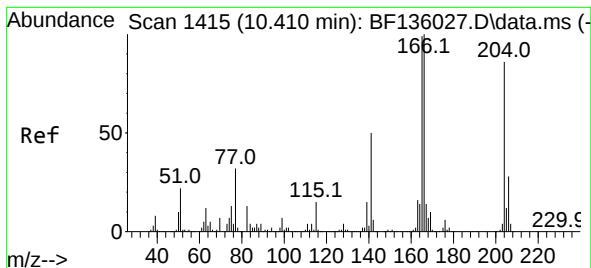


#60
Diethylphthalate
Concen: 47.852 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49



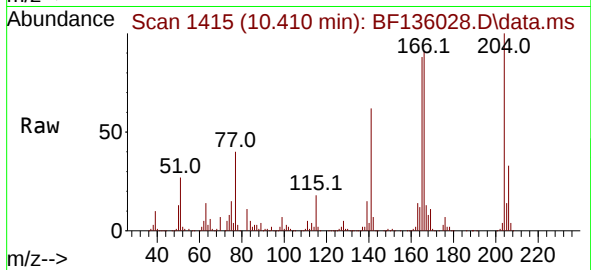
Tgt Ion:149 Resp: 985290
Ion Ratio Lower Upper
149 100
177 23.9 18.2 27.4
150 12.7 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 45.585 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49

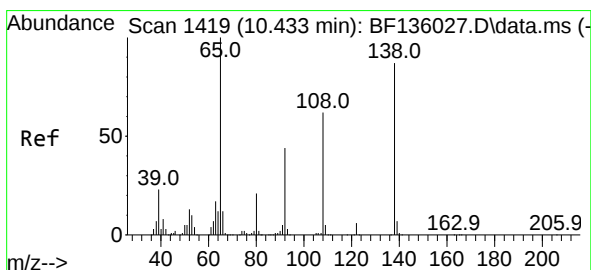
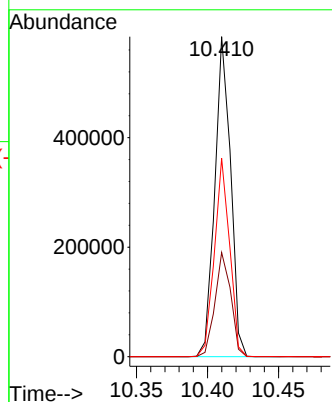
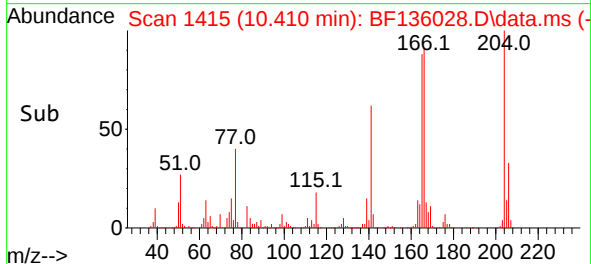
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



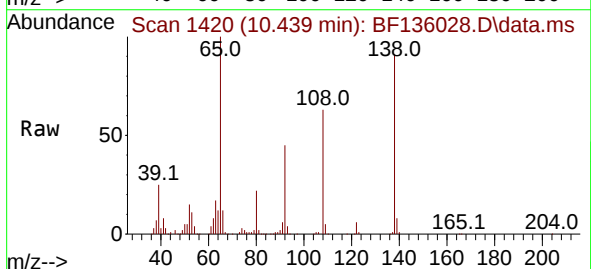
Tgt Ion:204 Resp: 452335
Ion Ratio Lower Upper
204 100
206 32.6 26.6 39.8
141 62.0 46.8 70.2

Manual Integrations
APPROVED

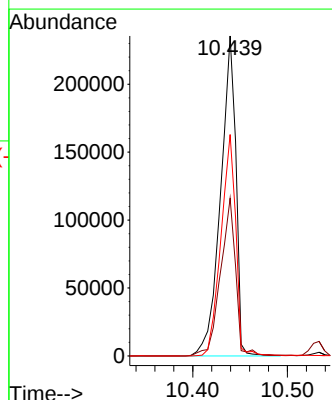
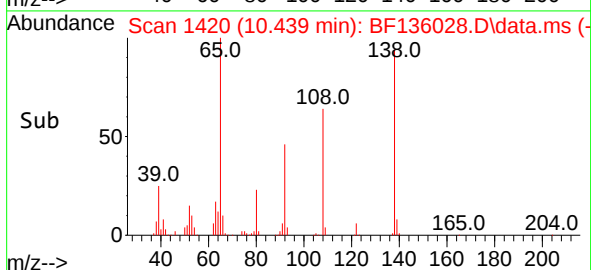
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#62
4-Nitroaniline
Concen: 51.224 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49



Tgt Ion:138 Resp: 265266
Ion Ratio Lower Upper
138 100
92 49.3 30.6 70.6
108 69.2 51.5 91.5





#63

Azobenzene

Concen: 47.541 ng

RT: 10.575 min Scan# 1443

Delta R.T. 0.006 min

Lab File: BF136028.D

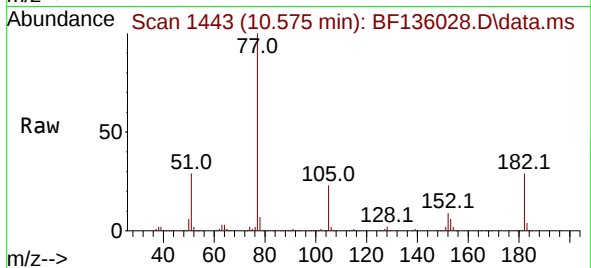
Acq: 30 Oct 2023 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC050



Tgt Ion: 77 Resp: 942734

Ion Ratio Lower Upper

77 100

182 29.2 5.0 45.0

105 23.3 2.6 42.6

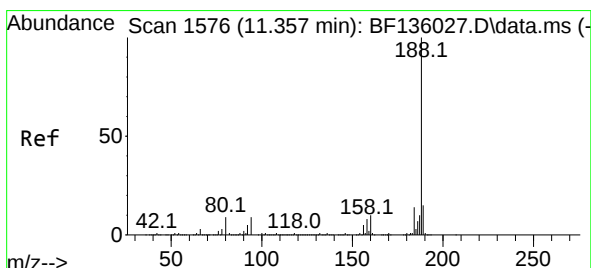
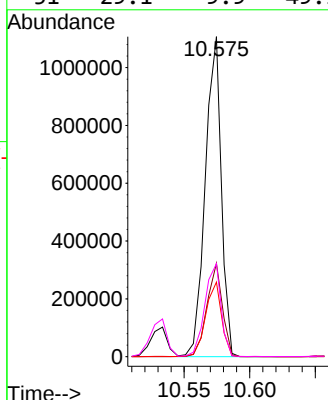
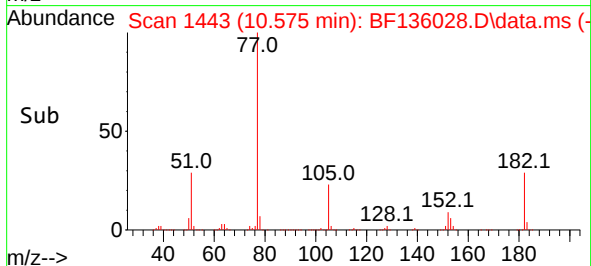
51 29.1 9.9 49.9

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: BF136028.D

Acq: 30 Oct 2023 14:49

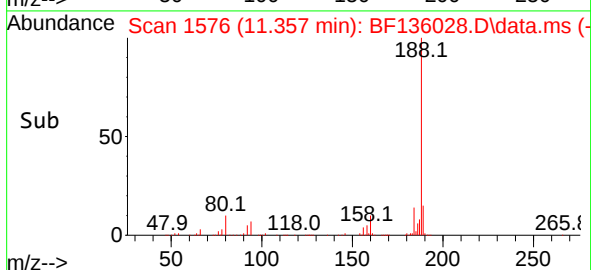
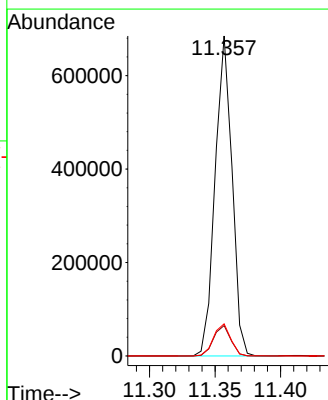
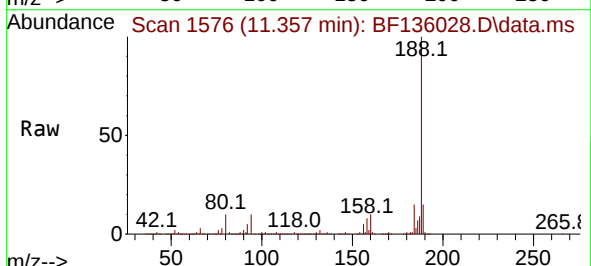
Tgt Ion:188 Resp: 612429

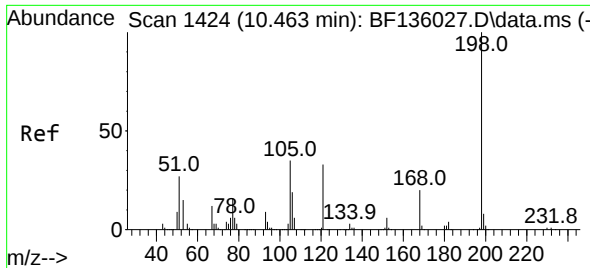
Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

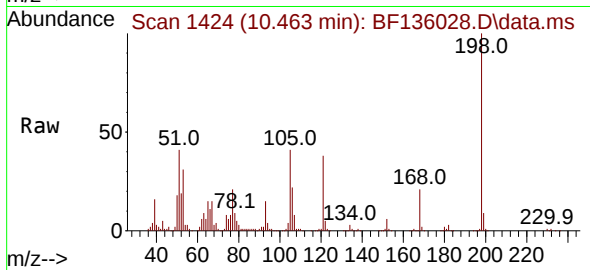
80 10.0 7.4 11.0





#65
4,6-Dinitro-2-methylphenol
Concen: 47.093 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49

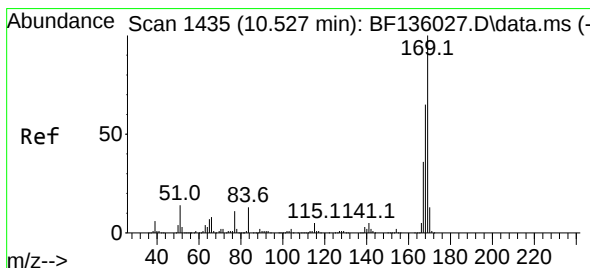
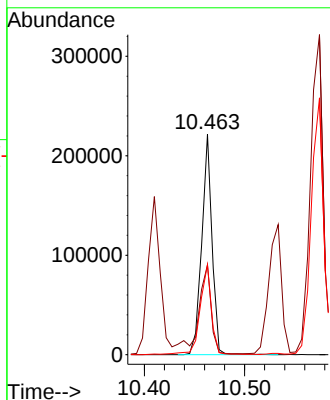
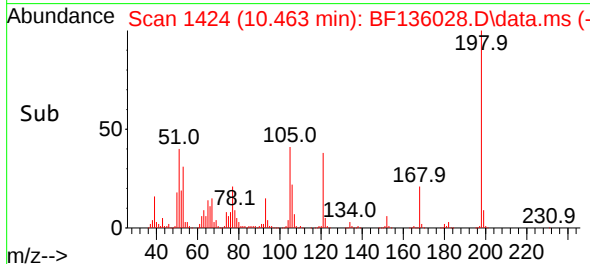
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



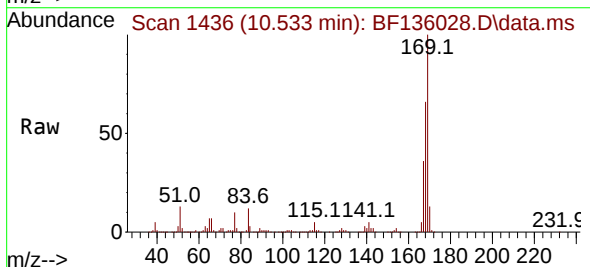
Tgt Ion:198 Resp: 158848
Ion Ratio Lower Upper
198 100
51 40.7 12.9 52.9
105 40.8 16.0 56.0

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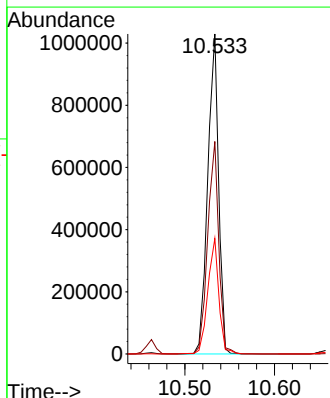
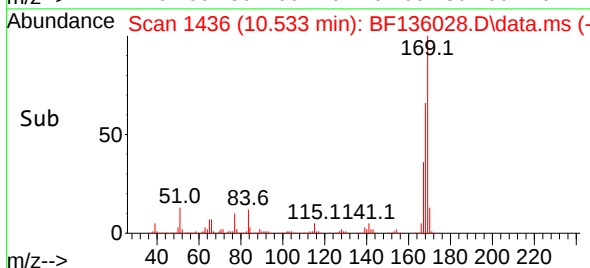
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#66
n-Nitrosodiphenylamine
Concen: 46.814 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49



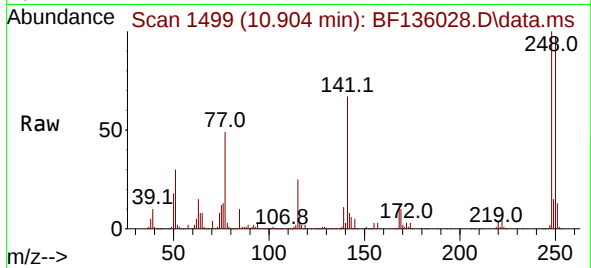
Tgt Ion:169 Resp: 864873
Ion Ratio Lower Upper
169 100
168 66.4 52.2 78.2
167 36.1 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 47.542 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49

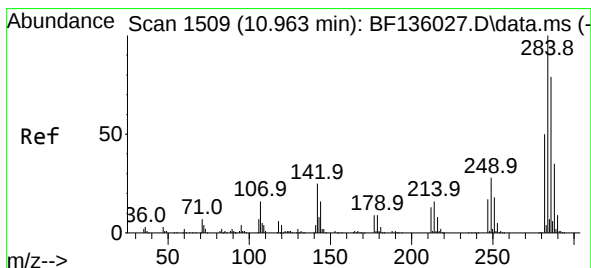
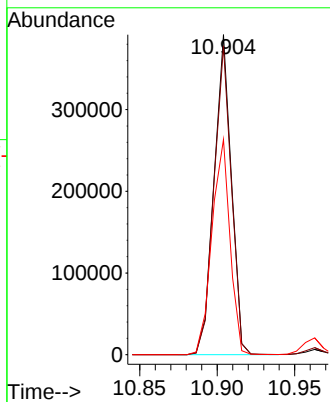
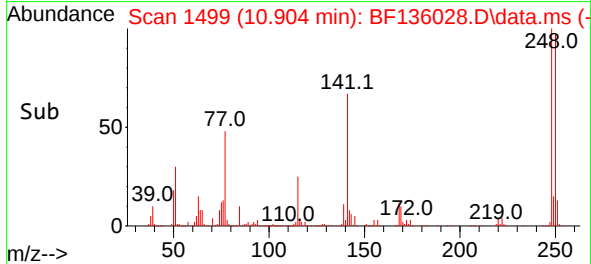
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



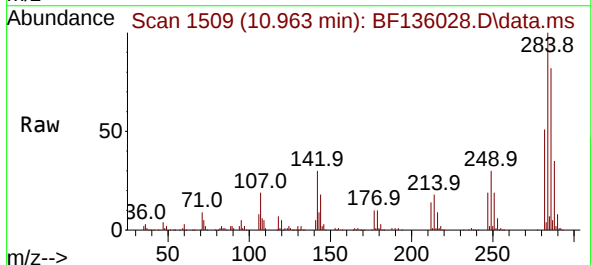
Tgt Ion:248 Resp: 305262
Ion Ratio Lower Upper
248 100
250 96.5 77.6 116.4
141 67.2 50.4 75.6

Manual Integrations
APPROVED

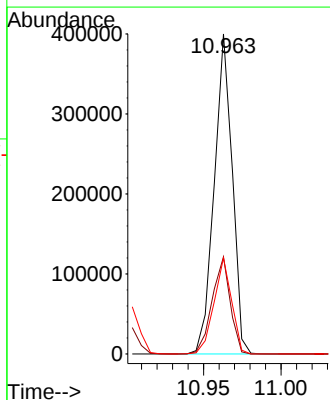
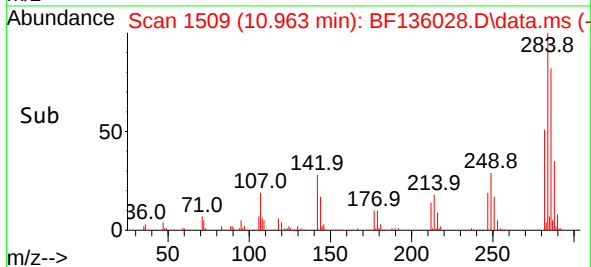
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

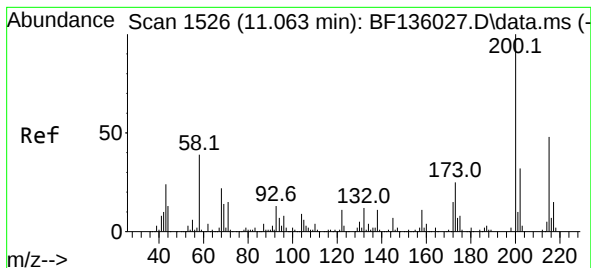


#68
Hexachlorobenzene
Concen: 47.016 ng
RT: 10.963 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49



Tgt Ion:284 Resp: 322420
Ion Ratio Lower Upper
284 100
142 30.4 20.2 30.4#
249 30.1 22.6 33.8





#69

Atrazine

Concen: 46.417 ng

RT: 11.063 min Scan# 1526

Delta R.T. 0.000 min

Lab File: BF136028.D

Acq: 30 Oct 2023 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:200 Resp: 233320

Ion Ratio Lower Upper

200 100

173 25.6 5.2 45.2

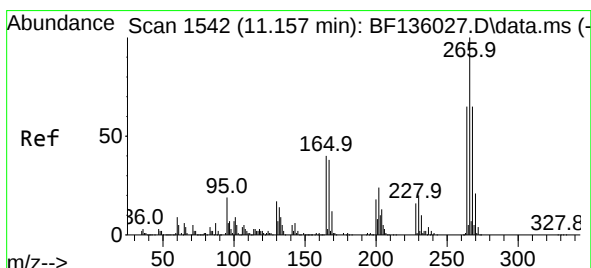
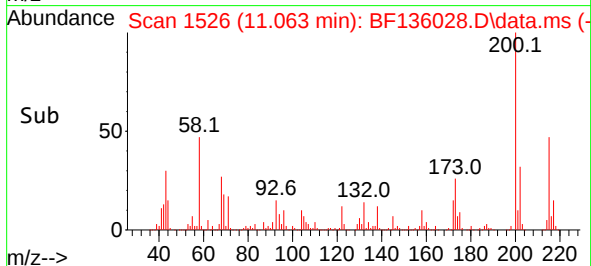
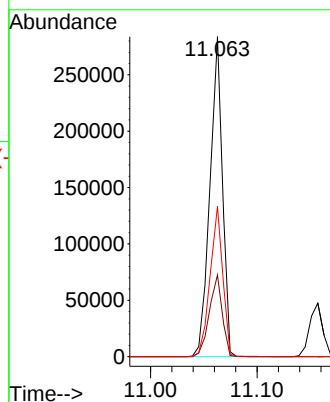
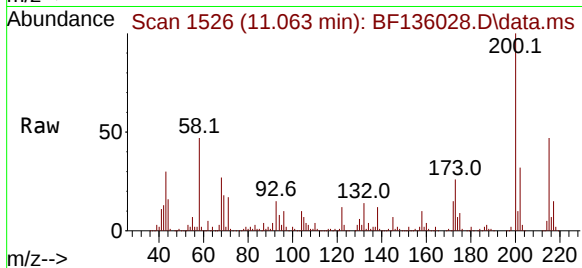
215 47.0 28.4 68.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#70

Pentachlorophenol

Concen: 51.078 ng

RT: 11.157 min Scan# 1542

Delta R.T. 0.000 min

Lab File: BF136028.D

Acq: 30 Oct 2023 14:49

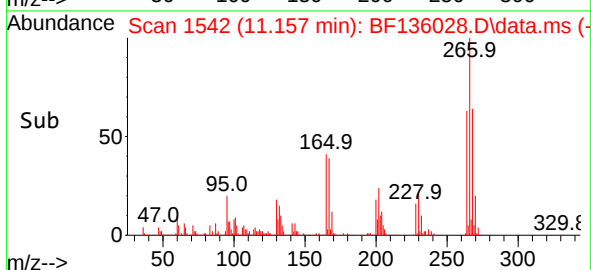
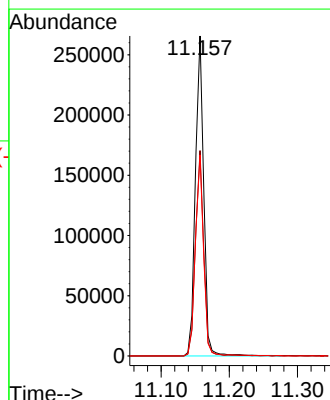
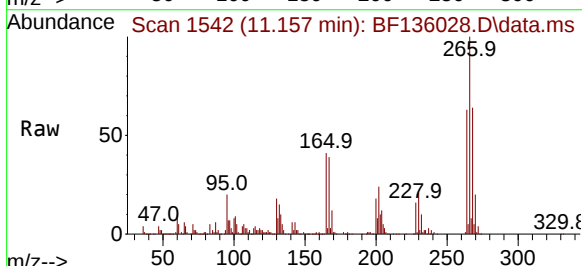
Tgt Ion:266 Resp: 224955

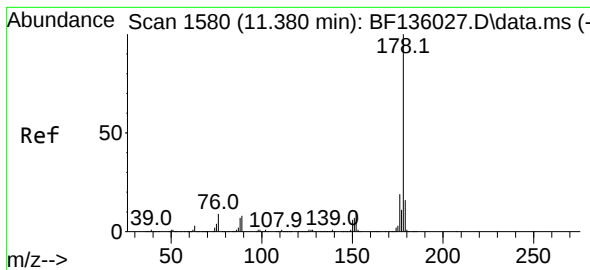
Ion Ratio Lower Upper

266 100

268 64.2 52.2 78.4

264 62.9 52.2 78.4





#71

Phenanthrene

Concen: 46.439 ng

RT: 11.386 min Scan# 1580

Delta R.T. 0.006 min

Lab File: BF136028.D

Acq: 30 Oct 2023 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:178 Resp: 143199

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

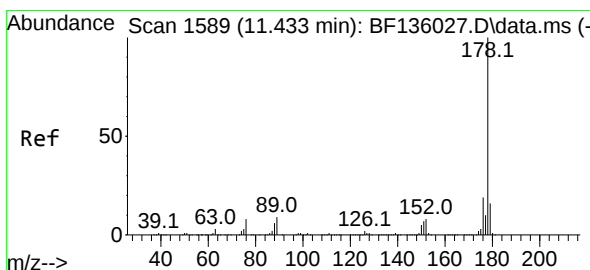
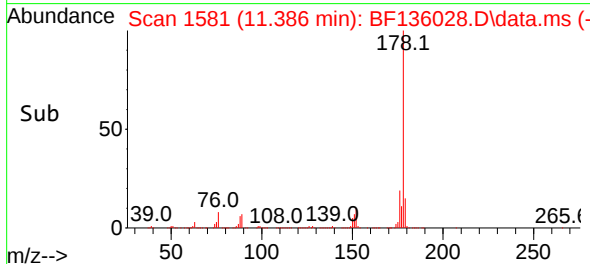
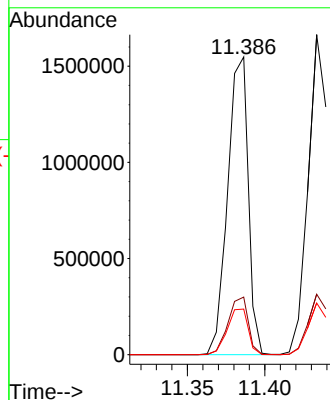
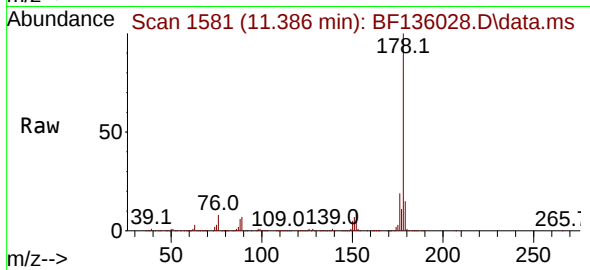
179 15.3 12.9 19.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#72

Anthracene

Concen: 46.420 ng

RT: 11.433 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF136028.D

Acq: 30 Oct 2023 14:49

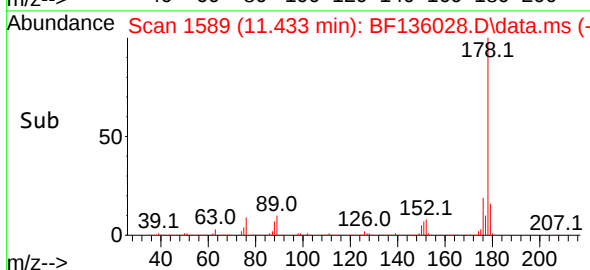
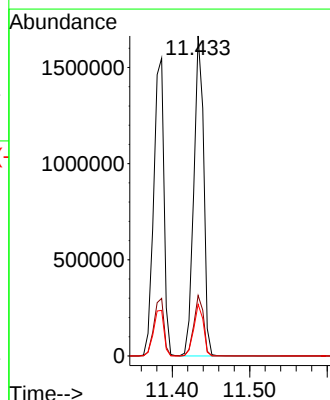
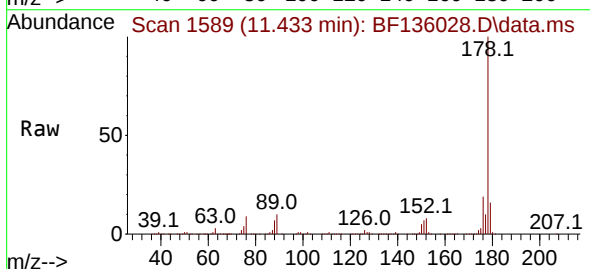
Tgt Ion:178 Resp: 1466743

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

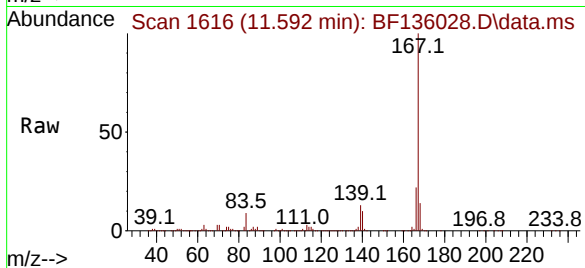
179 16.2 12.6 18.8





#73
 Carbazole
 Concen: 47.109 ng
 RT: 11.592 min Scan# 1616
 Delta R.T. 0.000 min
 Lab File: BF136028.D
 Acq: 30 Oct 2023 14:49

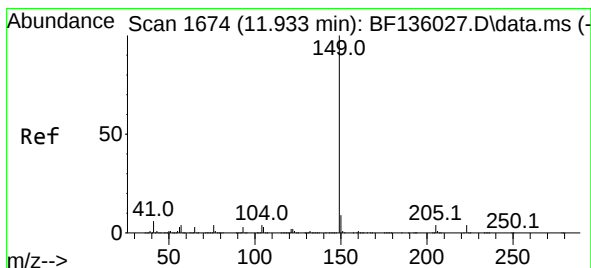
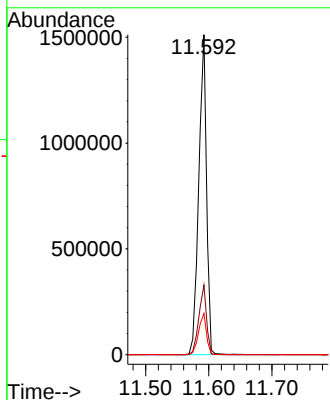
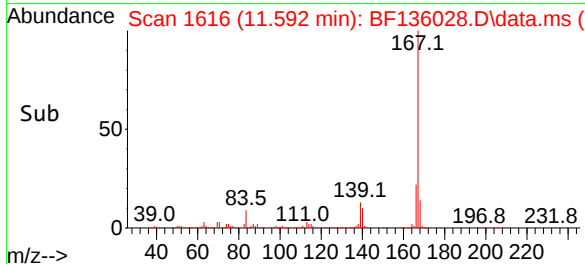
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050



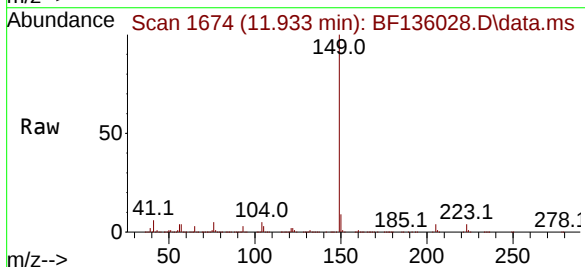
Tgt Ion:167 Resp: 1293512
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 12.8 9.9 14.9

Manual Integrations
 APPROVED

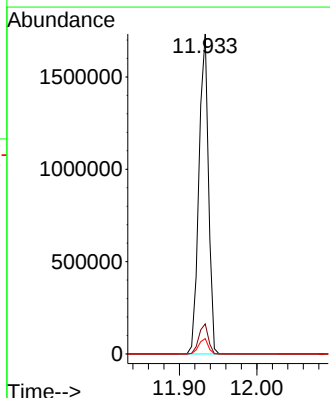
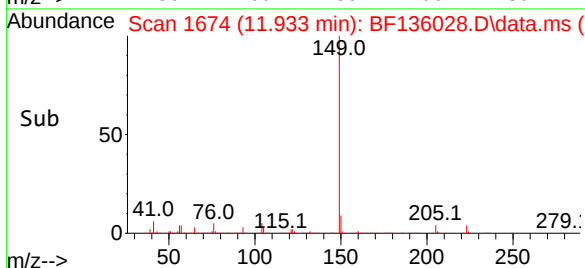
Reviewed By :Yogesh Patel 10/31/2023
 Supervised By :mohammad ahmed 10/31/2023

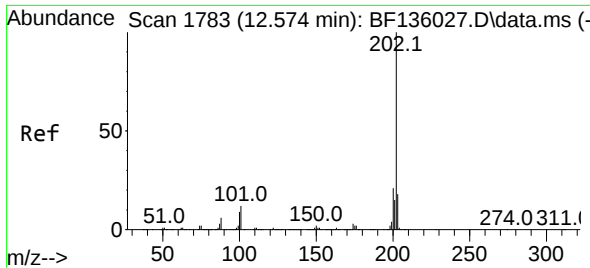


#74
 Di-n-butylphthalate
 Concen: 47.181 ng
 RT: 11.933 min Scan# 1674
 Delta R.T. 0.000 min
 Lab File: BF136028.D
 Acq: 30 Oct 2023 14:49



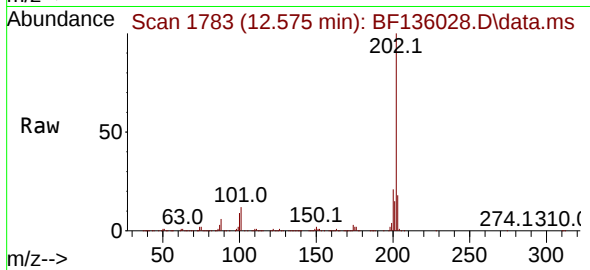
Tgt Ion:149 Resp: 1480313
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 4.8 3.6 5.4





#75
Fluoranthene
Concen: 47.004 ng
RT: 12.575 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49

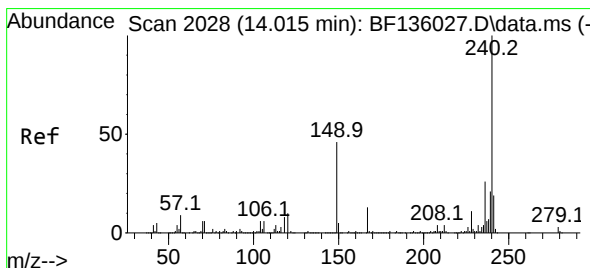
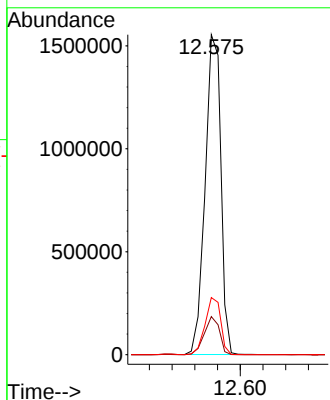
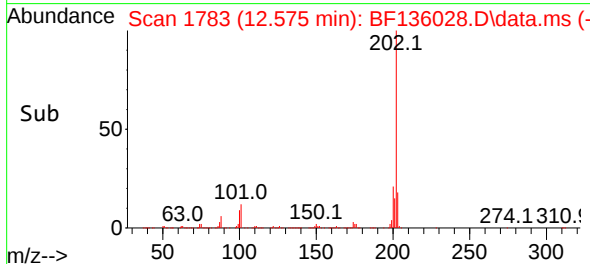
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



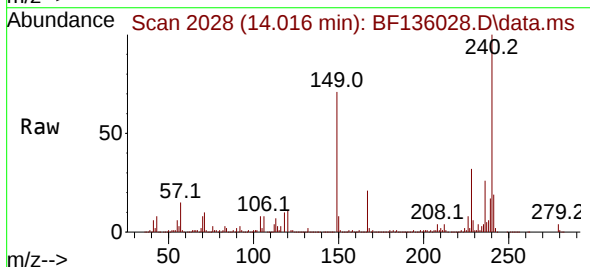
Tgt Ion:202 Resp: 148899
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.8
203 17.8 0.0 37.9

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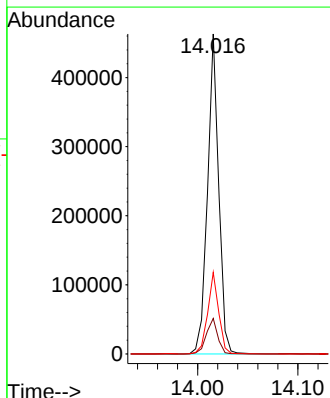
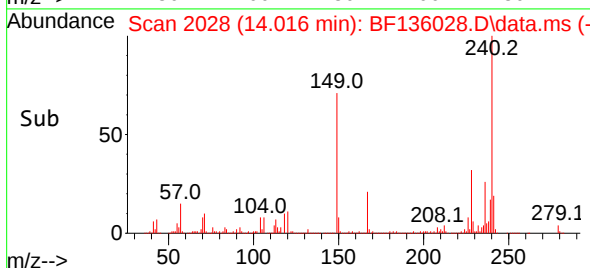
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

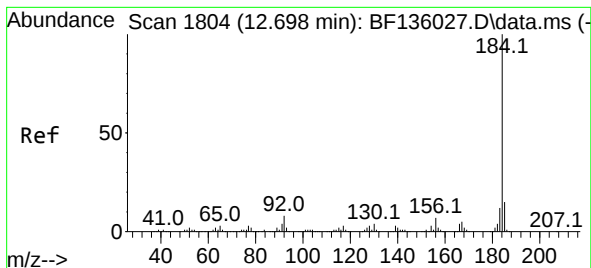


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49



Tgt Ion:240 Resp: 360705
Ion Ratio Lower Upper
240 100
120 11.1 7.6 11.4
236 25.5 20.6 31.0





#77

Benzidine

Concen: 41.608 ng

RT: 12.698 min Scan# 1804

Delta R.T. 0.000 min

Lab File: BF136028.D

Acq: 30 Oct 2023 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:184 Resp: 29252

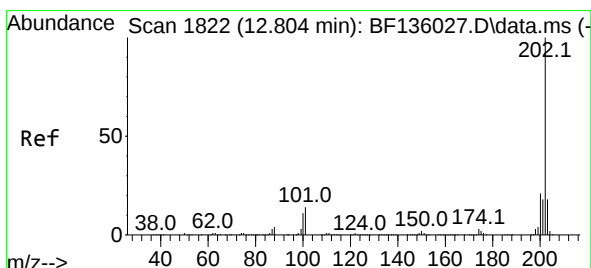
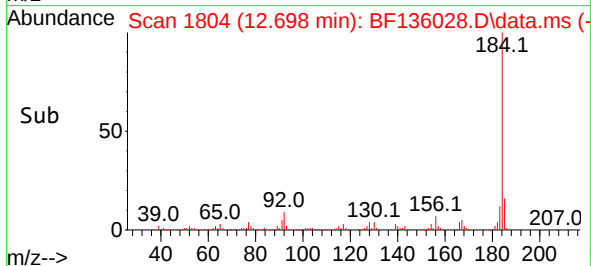
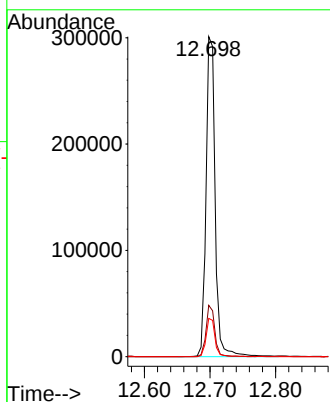
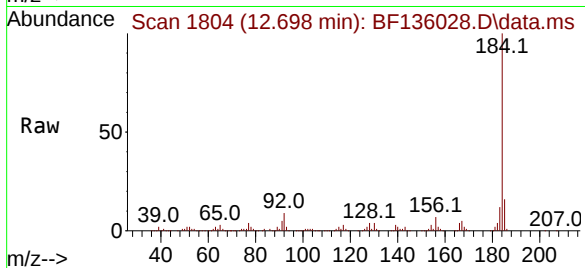
Ion	Ratio	Lower	Upper
184	100		
185	16.0	11.8	17.8
183	11.9	9.5	14.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#78

Pyrene

Concen: 47.624 ng

RT: 12.810 min Scan# 1823

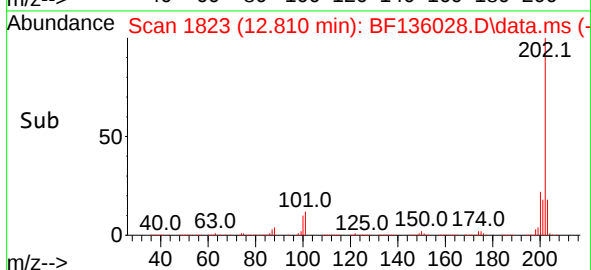
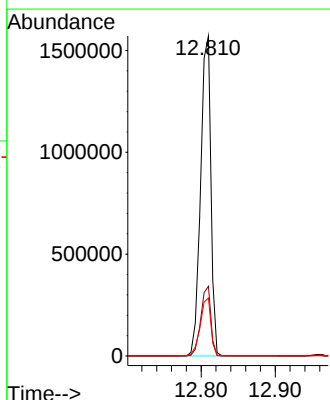
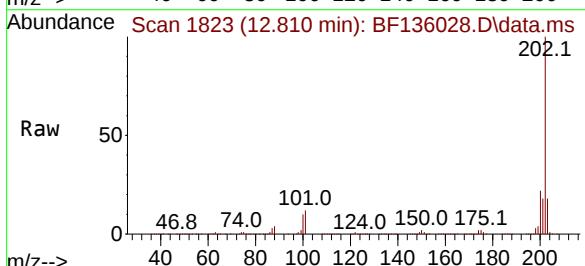
Delta R.T. 0.006 min

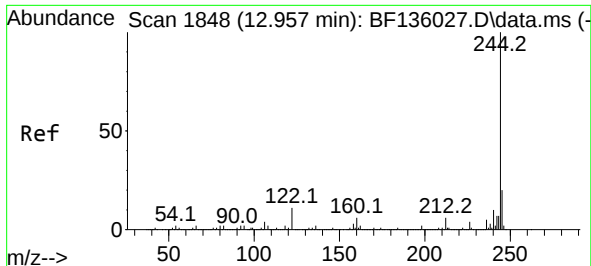
Lab File: BF136028.D

Acq: 30 Oct 2023 14:49

Tgt Ion:202 Resp: 1514516

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.0	25.4
203	18.1	14.4	21.6





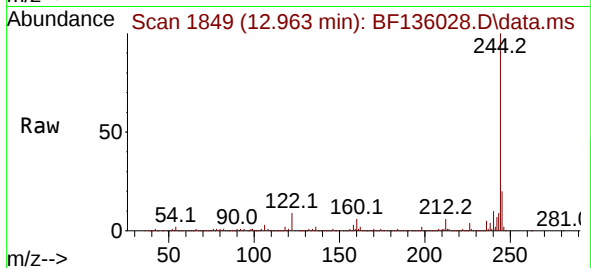
#79
 Terphenyl-d14
 Concen: 93.043 ng
 RT: 12.963 min Scan# 1848
 Delta R.T. 0.006 min
 Lab File: BF136028.D
 Acq: 30 Oct 2023 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

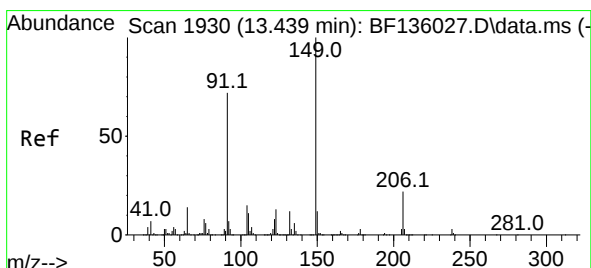
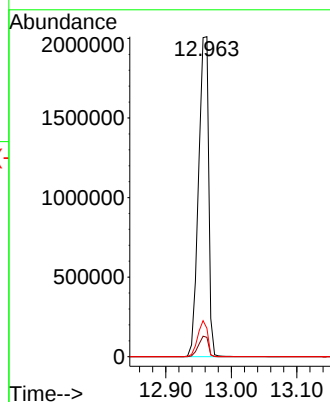
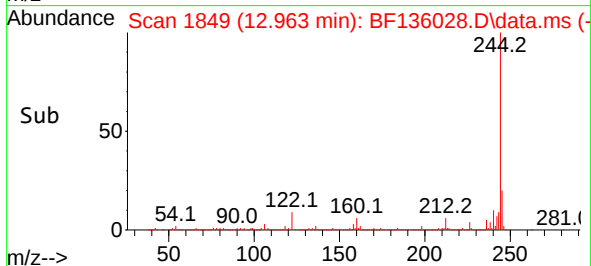


Tgt Ion:244 Resp: 2159614
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.1 7.7
 122 8.9 8.6 12.8

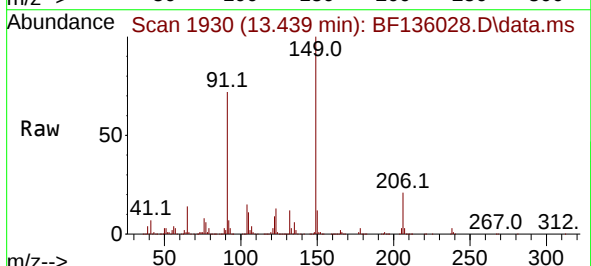
Manual Integrations

APPROVED

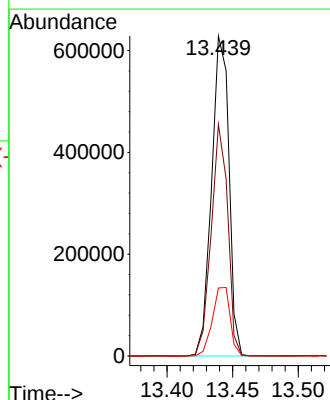
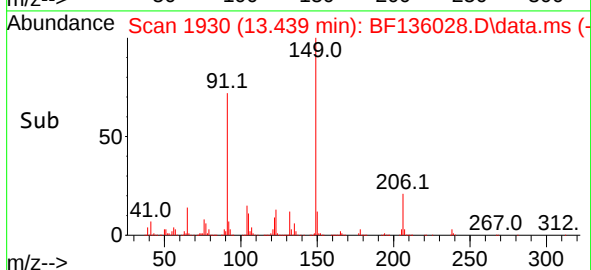
Reviewed By :Yogesh Patel 10/31/2023
 Supervised By :mohammad ahmed 10/31/2023

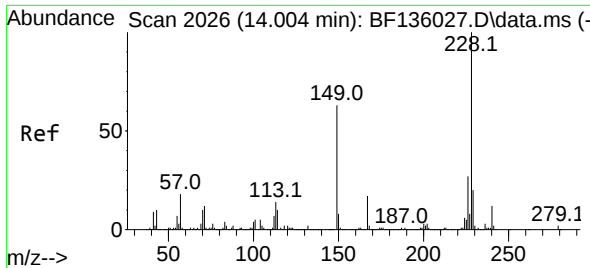


#80
 Butylbenzylphthalate
 Concen: 50.802 ng
 RT: 13.439 min Scan# 1930
 Delta R.T. 0.000 min
 Lab File: BF136028.D
 Acq: 30 Oct 2023 14:49



Tgt Ion:149 Resp: 578306
 Ion Ratio Lower Upper
 149 100
 91 72.3 57.6 86.4
 206 21.3 17.4 26.0





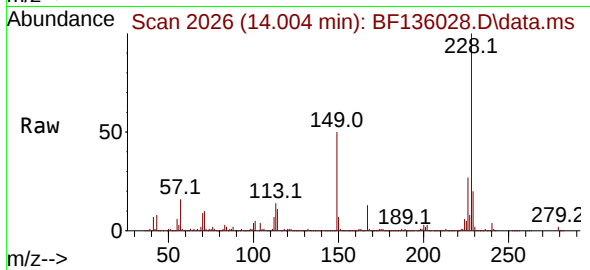
#81
Benzo(a)anthracene
Concen: 47.838 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



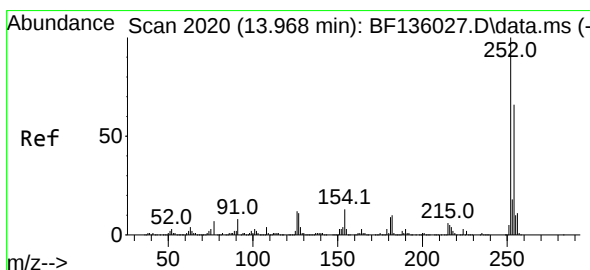
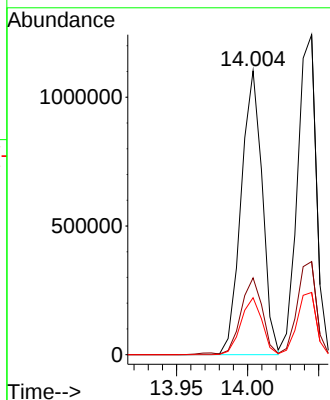
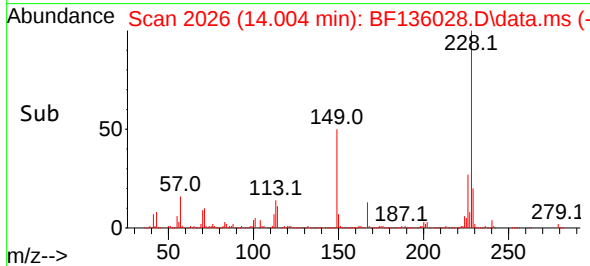
Tgt Ion:228 Resp: 114235
Ion Ratio Lower Upper
228 100
226 27.0 21.5 32.3
229 20.1 15.8 23.6

Manual Integrations

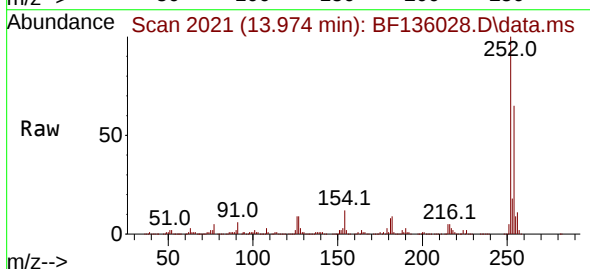
APPROVED

Reviewed By :Yogesh Patel 10/31/2023

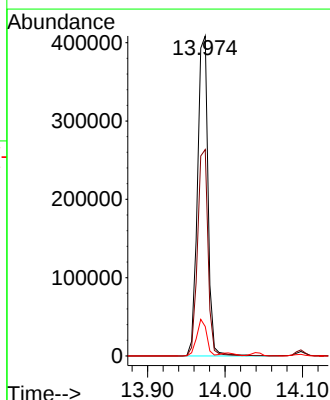
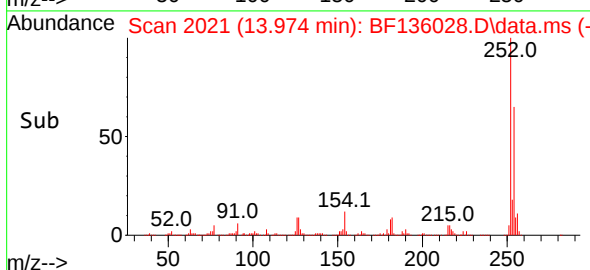
Supervised By :mohammad ahmed 10/31/2023

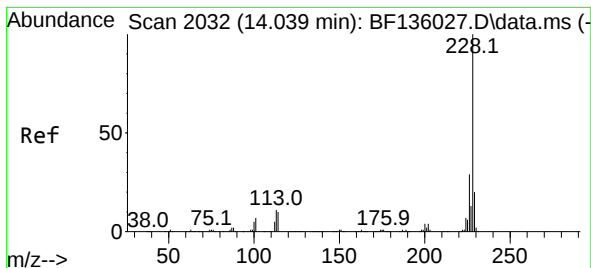


#82
3,3'-Dichlorobenzidine
Concen: 50.426 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49



Tgt Ion:252 Resp: 384332
Ion Ratio Lower Upper
252 100
254 64.5 52.5 78.7
126 9.2 9.4 14.2#





#83

Chrysene

Concen: 48.691 ng

RT: 14.045 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BF136028.D

Acq: 30 Oct 2023 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:228 Resp: 1145084

Ion Ratio Lower Upper

228 100

226 29.1 23.5 35.3

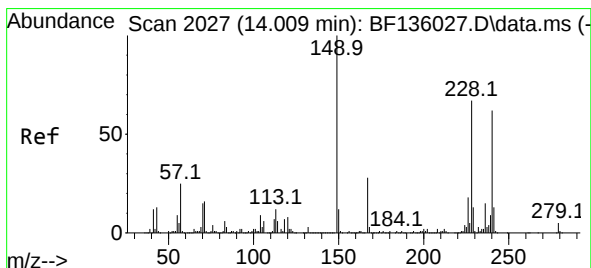
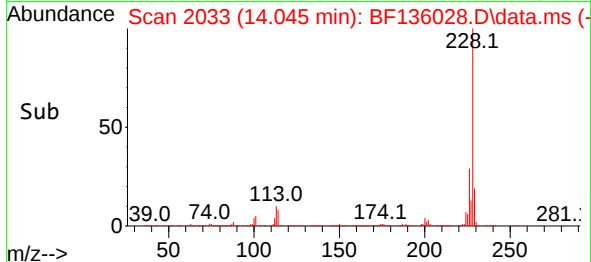
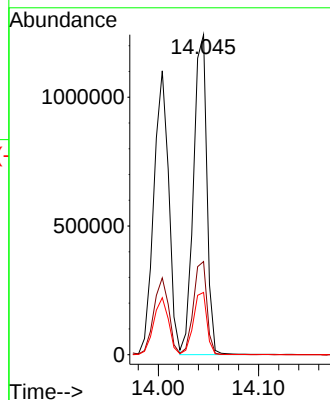
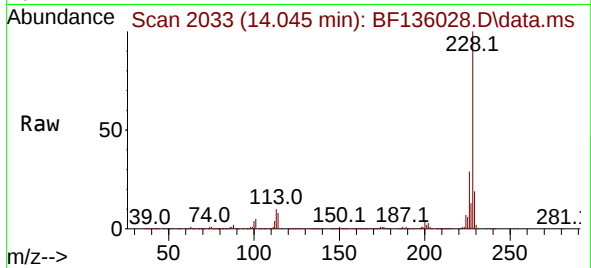
229 19.4 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.779 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF136028.D

Acq: 30 Oct 2023 14:49

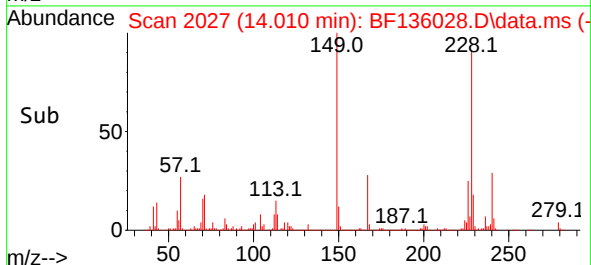
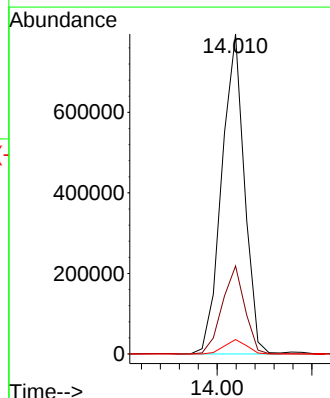
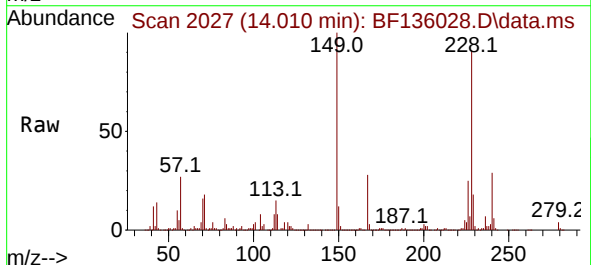
Tgt Ion:149 Resp: 660185

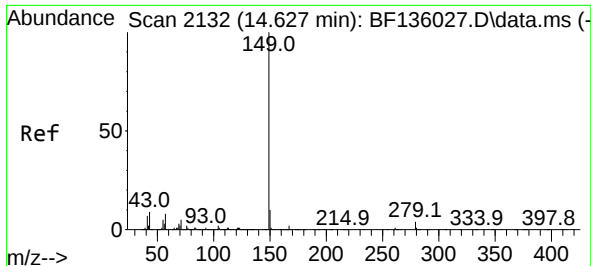
Ion Ratio Lower Upper

149 100

167 27.5 22.6 33.8

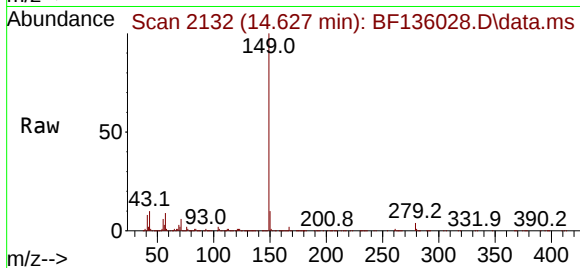
279 4.5 4.1 6.1





#85
Di-n-octyl phthalate
Concen: 51.888 ng
RT: 14.627 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49

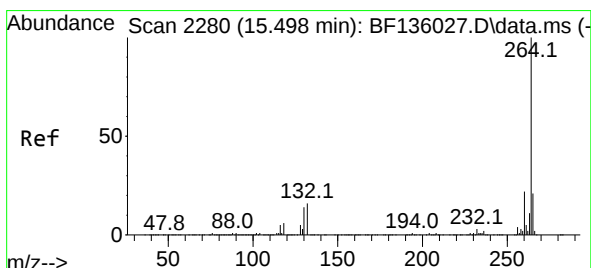
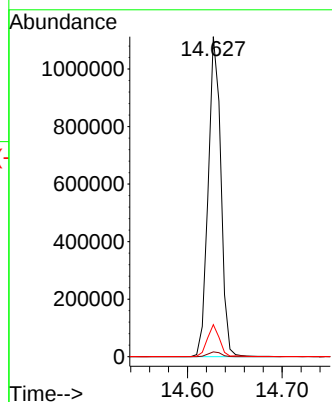
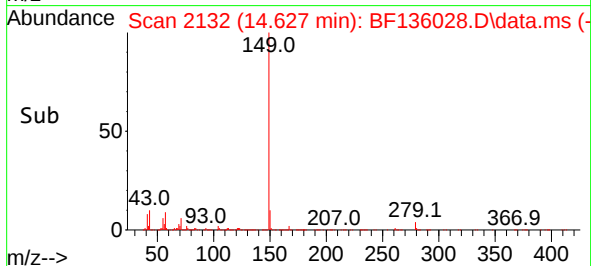
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:149 Resp: 1030900
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.8 7.6 11.4

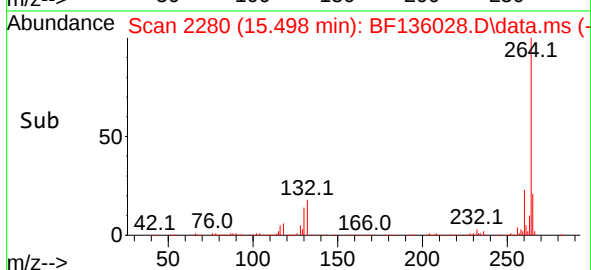
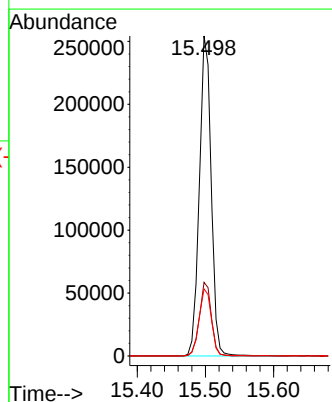
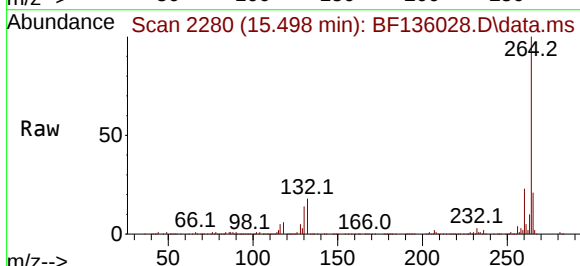
Manual Integrations
APPROVED

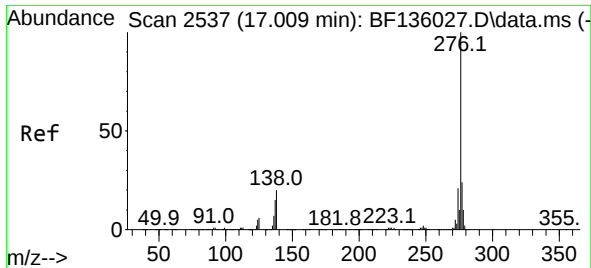
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49

Tgt Ion:264 Resp: 306498
Ion Ratio Lower Upper
264 100
260 23.0 17.9 26.9
265 20.9 16.8 25.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 51.094 ng
RT: 17.015 min Scan# 2537
Delta R.T. 0.006 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49

Instrument :

BNA_F

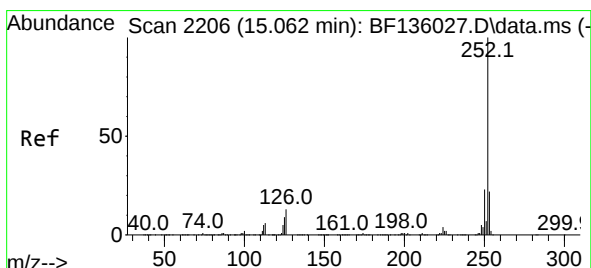
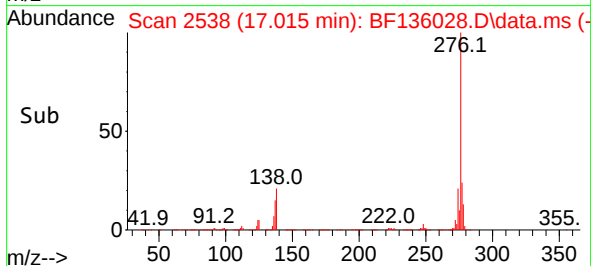
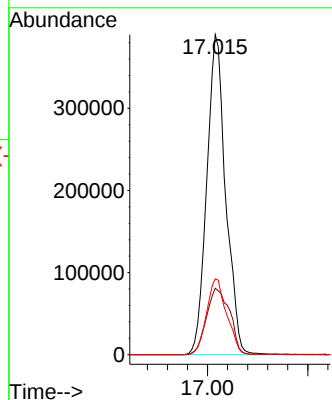
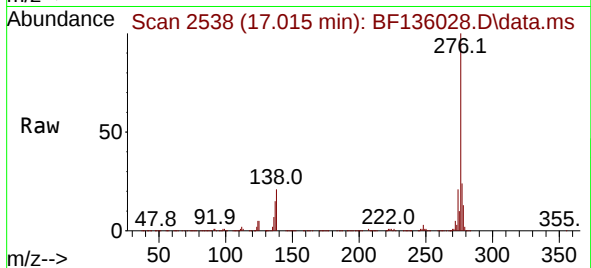
ClientSampleId :

SSTDICC050

Tgt Ion:276 Resp: 102348
Ion Ratio Lower Upper
276 100
138 25.4 20.4 30.6
277 25.3 20.2 30.2

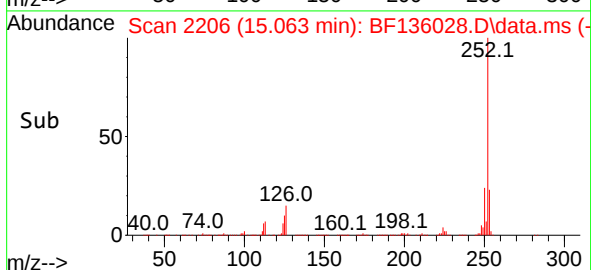
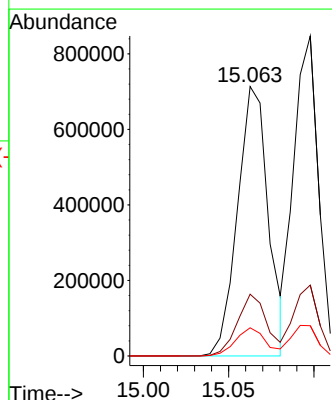
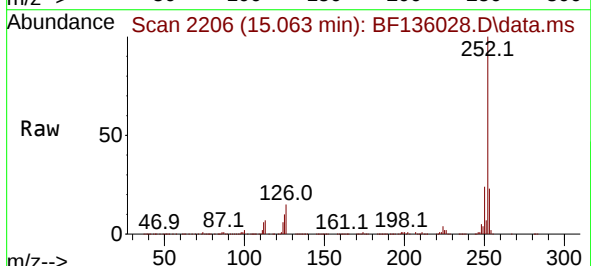
Manual Integrations
APPROVED

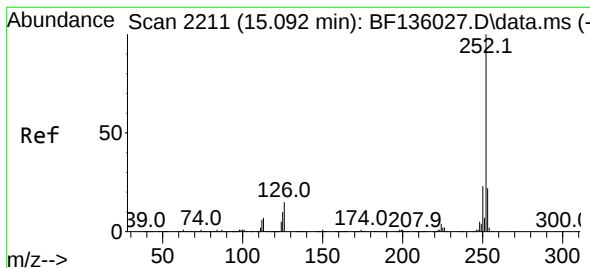
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#88
Benzo(b)fluoranthene
Concen: 49.558 ng
RT: 15.063 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49

Tgt Ion:252 Resp: 898793
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 10.4 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 47.945 ng

RT: 15.098 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136028.D

Acq: 30 Oct 2023 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:252 Resp: 86034

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

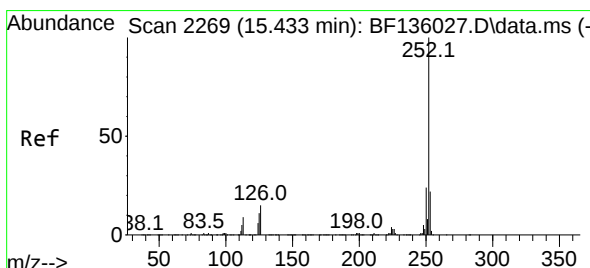
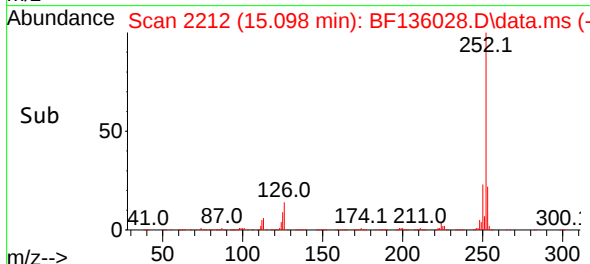
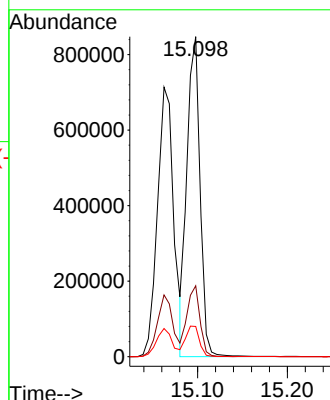
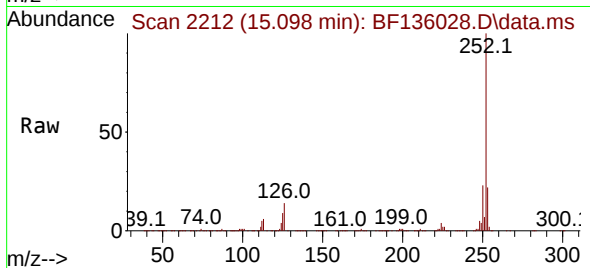
125 9.4 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#90

Benzo(a)pyrene

Concen: 49.348 ng

RT: 15.439 min Scan# 2270

Delta R.T. 0.006 min

Lab File: BF136028.D

Acq: 30 Oct 2023 14:49

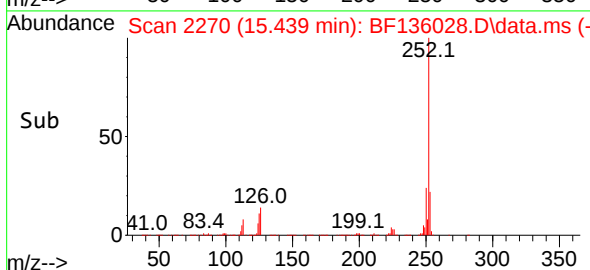
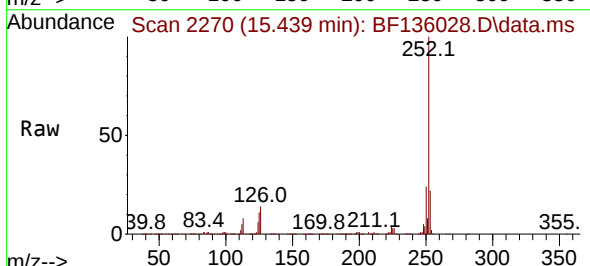
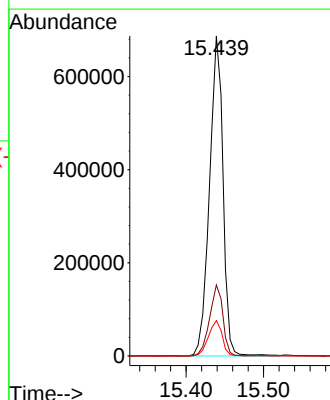
Tgt Ion:252 Resp: 831576

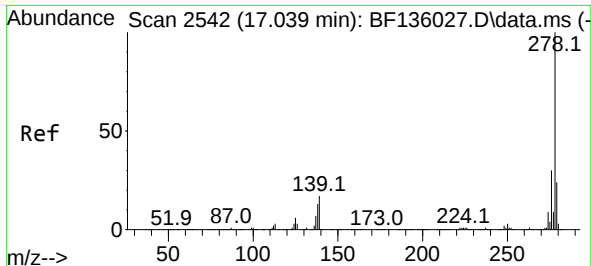
Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 11.0 9.0 13.6





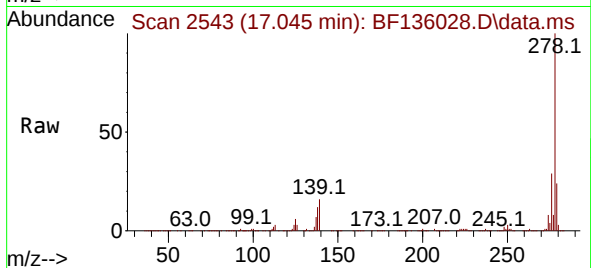
#91
Dibenzo(a,h)anthracene
Concen: 51.226 ng
RT: 17.045 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

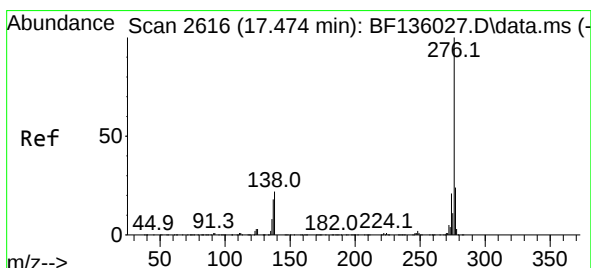
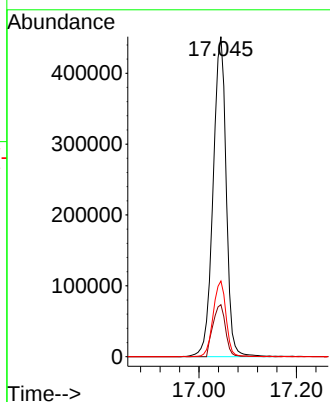
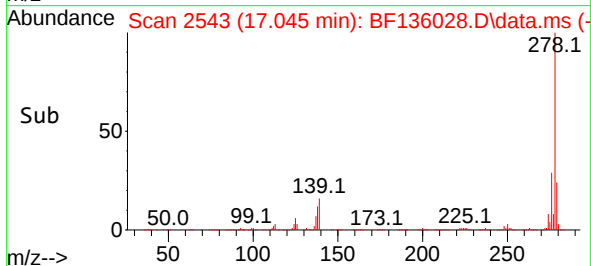


Tgt Ion:278 Resp: 84053
Ion Ratio Lower Upper
278 100
139 16.3 13.7 20.5
279 23.6 19.0 28.6

Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 46.802 ng
RT: 17.480 min Scan# 2617
Delta R.T. 0.006 min
Lab File: BF136028.D
Acq: 30 Oct 2023 14:49

Tgt Ion:276 Resp: 872871
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.4
138 22.5 17.4 26.2

