

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122023\
 Data File : BF136646.D
 Acq On : 20 Dec 2023 13:03
 Operator : CG\JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023

Quant Time: Dec 20 17:13:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 17:02:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	76261	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	302618	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	160178	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	304555	20.000	ng	0.00
76) Chrysene-d12	13.974	240	157547	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	143096	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	463509	94.833	ng	0.00
7) Phenol-d6	6.445	99	605870	95.666	ng	0.00
23) Nitrobenzene-d5	7.363	82	559628	94.630	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	173290	91.860	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1071679	89.987	ng	0.00
79) Terphenyl-d14	12.916	244	1061529	94.159	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.551	88	96453	47.363	ng	Qvalue 98
3) Pyridine	3.310	79	243871	49.081	ng	96
4) n-Nitrosodimethylamine	3.287	42	130896	49.331	ng	96
6) Aniline	6.469	93	295965	46.742	ng	97
8) 2-Chlorophenol	6.587	128	252725	47.250	ng	95
9) Benzaldehyde	6.351	77	162048	44.984	ng	97
10) Phenol	6.457	94	315431	46.656	ng	97
11) bis(2-Chloroethyl)ether	6.539	93	245037	47.659	ng	100
12) 1,3-Dichlorobenzene	6.734	146	277592	47.575	ng	99
13) 1,4-Dichlorobenzene	6.810	146	280872	47.111	ng	98
14) 1,2-Dichlorobenzene	6.963	146	260676	46.988	ng	99
15) Benzyl Alcohol	6.945	79	205335	48.058	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.075	45	400903	47.693	ng	99
17) 2-Methylphenol	7.057	107	210289	47.458	ng	100
18) Hexachloroethane	7.298	117	104357	48.198	ng	99
19) n-Nitroso-di-n-propyla...	7.216	70	179094	46.650	ng	97
20) 3+4-Methylphenols	7.210	107	255919	46.230	ng	90
22) Acetophenone	7.210	105	352603	46.486	ng	98
24) Nitrobenzene	7.381	77	283709	47.890	ng	98
25) Isophorone	7.616	82	513637	47.732	ng	99
26) 2-Nitrophenol	7.692	139	136212	48.057	ng	96
27) 2,4-Dimethylphenol	7.734	122	166296	48.192	ng	97
28) bis(2-Chloroethoxy)met...	7.828	93	311238	47.583	ng	99
29) 2,4-Dichlorophenol	7.933	162	213284	48.010	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	234902	47.458	ng	98
31) Naphthalene	8.098	128	781151	46.986	ng	99
32) Benzoic acid	7.875	122	174630m	52.697	ng	
33) 4-Chloroaniline	8.151	127	289378	47.143	ng	98
34) Hexachlorobutadiene	8.210	225	142079	47.245	ng	98
35) Caprolactam	8.533	113	69883	47.671	ng	97
36) 4-Chloro-3-methylphenol	8.633	107	238527	47.694	ng	96
37) 2-Methylnaphthalene	8.786	142	496699	46.423	ng	100
38) 1-Methylnaphthalene	8.886	142	484776	46.182	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	228622	46.087	ng	97
41) Hexachlorocyclopentadiene	8.933	237	74679	49.223	ng	97
43) 2,4,6-Trichlorophenol	9.069	196	151427	47.598	ng	96

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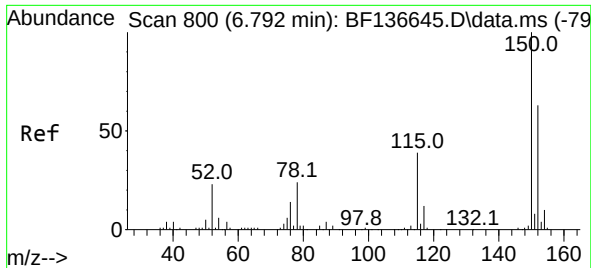
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	165189	46.596	ng	96
46) 1,1'-Biphenyl	9.251	154	622783	46.333	ng	99
47) 2-Chloronaphthalene	9.275	162	473463	46.335	ng	98
48) 2-Nitroaniline	9.375	65	152949	47.799	ng	100
49) Acenaphthylene	9.692	152	718169	45.982	ng	100
50) Dimethylphthalate	9.557	163	549856	46.997	ng	99
51) 2,6-Dinitrotoluene	9.622	165	125595	47.300	ng	90
52) Acenaphthene	9.863	154	446614	46.130	ng	99
53) 3-Nitroaniline	9.792	138	129995	46.216	ng	95
54) 2,4-Dinitrophenol	9.898	184	67536	47.485	ng #	88
55) Dibenzofuran	10.039	168	665856	45.370	ng	98
56) 4-Nitrophenol	9.957	139	95067	50.067	ng	97
57) 2,4-Dinitrotoluene	10.027	165	157829	45.786	ng	98
58) Fluorene	10.380	166	524156	45.012	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.157	232	130808	47.599	ng	98
60) Diethylphthalate	10.257	149	558808	46.033	ng	99
61) 4-Chlorophenyl-phenyle...	10.374	204	255502	45.140	ng	95
62) 4-Nitroaniline	10.410	138	122849m	44.213	ng	
63) Azobenzene	10.533	77	522975	46.125	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	89262	51.141	ng	90
66) n-Nitrosodiphenylamine	10.498	169	458464	46.341	ng	100
67) 4-Bromophenyl-phenylether	10.863	248	159193	47.066	ng	100
68) Hexachlorobenzene	10.927	284	174631	46.330	ng	97
69) Atrazine	11.022	200	106225	41.979	ng	99
70) Pentachlorophenol	11.122	266	89699	51.055	ng	98
71) Phenanthrene	11.345	178	716375	45.842	ng	98
72) Anthracene	11.398	178	725560	45.846	ng	100
73) Carbazole	11.557	167	684697	45.888	ng	99
74) Di-n-butylphthalate	11.886	149	843983	46.354	ng	100
75) Fluoranthene	12.539	202	748104	44.755	ng	98
77) Benzidine	12.663	184	218903	47.123	ng	98
78) Pyrene	12.768	202	751511	48.592	ng	99
80) Butylbenzylphthalate	13.392	149	274989	48.864	ng	99
81) Benzo(a)anthracene	13.963	228	510518	46.666	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	147248	47.395	ng	98
83) Chrysene	13.998	228	496944	46.452	ng	98
84) Bis(2-ethylhexyl)phtha...	13.951	149	350767	49.540	ng	99
85) Di-n-octyl phthalate	14.568	149	560951	51.216	ng	99
87) Indeno(1,2,3-cd)pyrene	16.951	276	530493	51.346	ng	100
88) Benzo(b)fluoranthene	15.015	252	442728	46.323	ng	100
89) Benzo(k)fluoranthene	15.045	252	426825	47.278	ng	99
90) Benzo(a)pyrene	15.386	252	391481	48.525	ng	99
91) Dibenzo(a,h)anthracene	16.974	278	431081	50.858	ng	97
92) Benzo(g,h,i)perylene	17.409	276	452794	52.157	ng	99

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



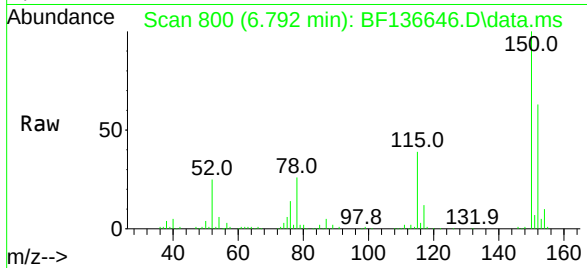
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

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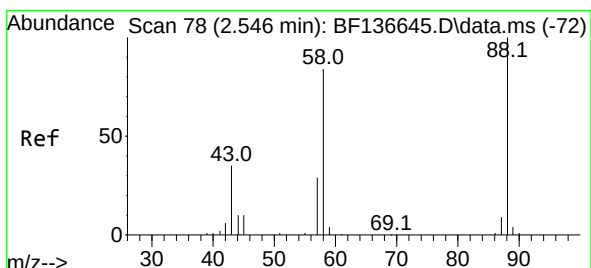
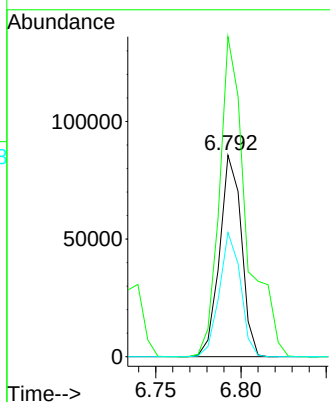
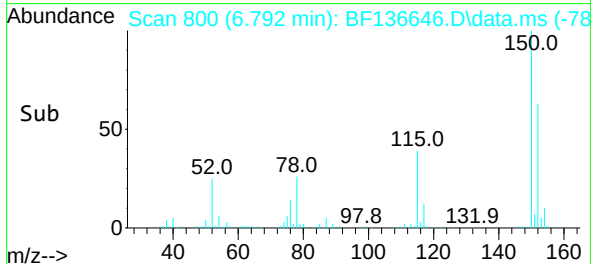
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Ion Ratio Lower Upper
152 100
150 158.9 127.0 190.6
115 61.6 49.0 73.4

Manual Integrations

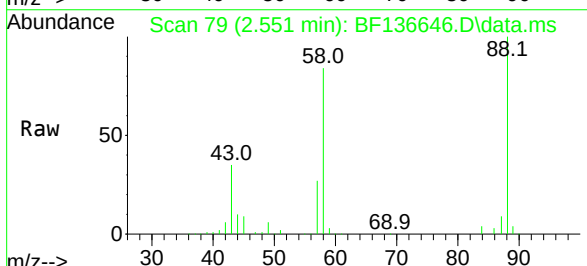
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Reviewed By :Yogesh Patel 12/21/2023

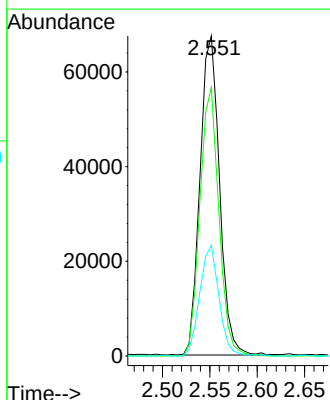
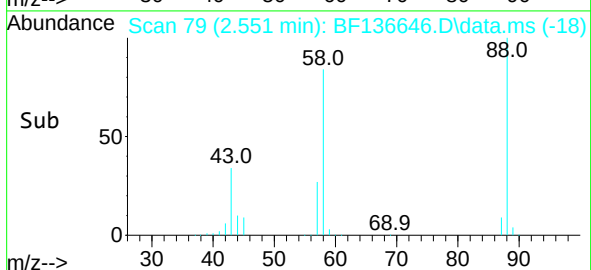
Supervised By :mohammad ahmed 12/21/2023

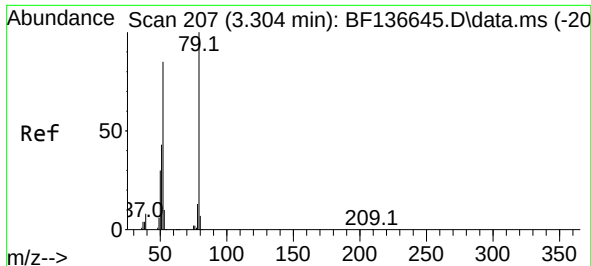


#2
1,4-Dioxane
Concen: 47.363 ng
RT: 2.551 min Scan# 79
Delta R.T. 0.006 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03



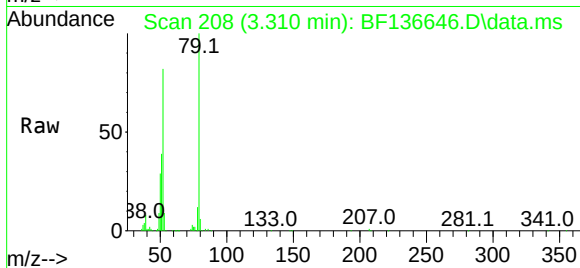
Tgt Ion: 88 Resp: 96453
Ion Ratio Lower Upper
88 100
58 81.9 67.4 101.0
43 34.4 27.7 41.5





#3
Pyridine
Concen: 49.081 ng
RT: 3.310 min Scan# 207
Delta R.T. 0.006 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

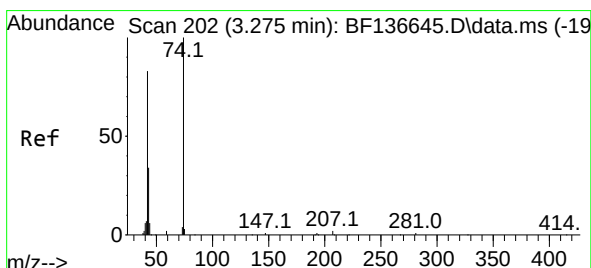
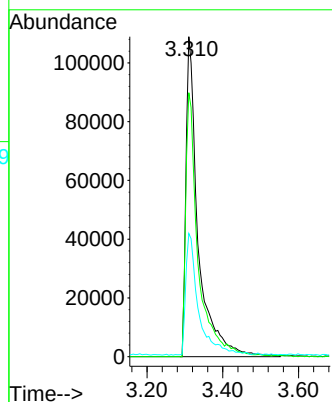
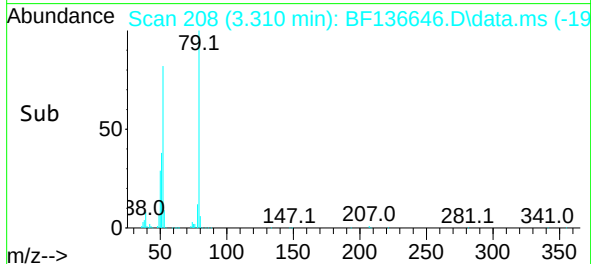
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



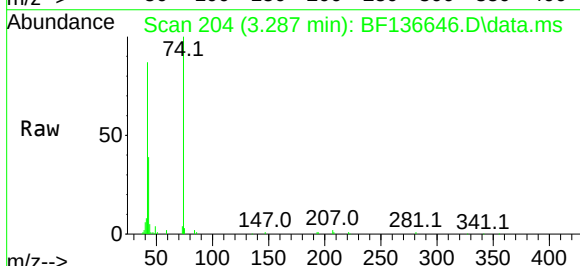
Tgt Ion: 79 Resp: 24387
Ion Ratio Lower Upper
79 100
52 82.5 67.7 101.5
51 38.5 34.0 51.0

Manual Integrations
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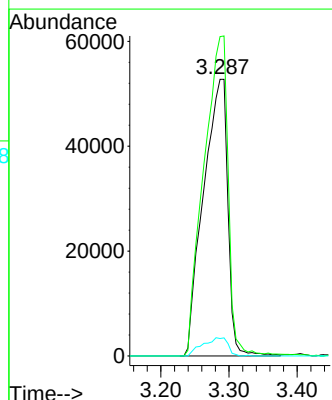
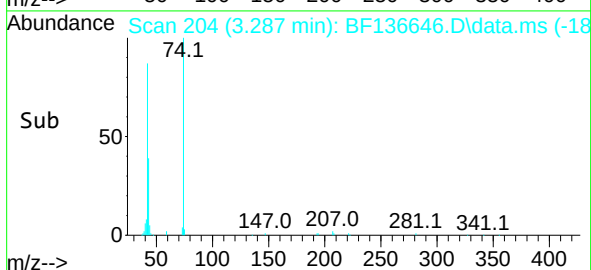
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

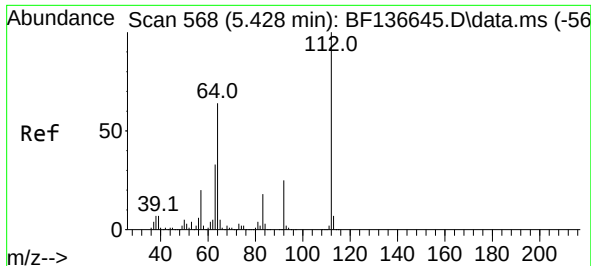


#4
n-Nitrosodimethylamine
Concen: 49.331 ng
RT: 3.287 min Scan# 204
Delta R.T. 0.012 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03



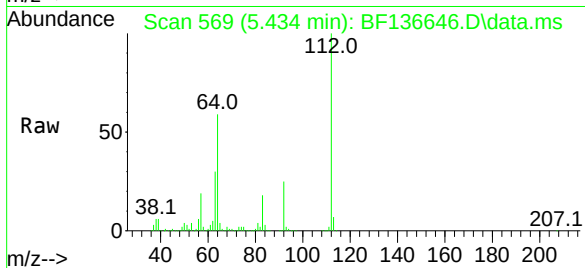
Tgt Ion: 42 Resp: 130896
Ion Ratio Lower Upper
42 100
74 115.4 96.0 144.0
44 6.3 5.4 8.2





#5
2-Fluorophenol
Concen: 94.833 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

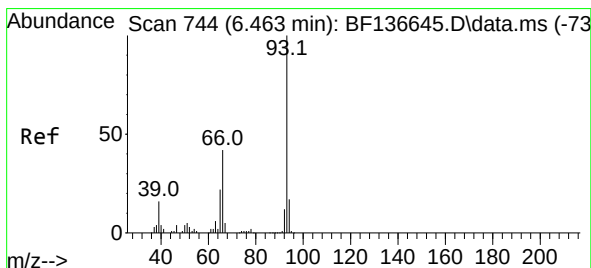
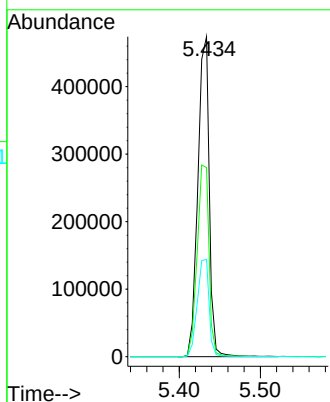
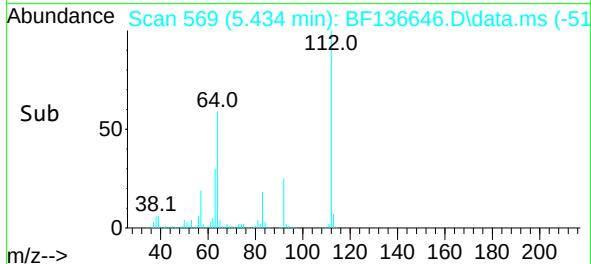
Instrument :
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ClientSampleId :
SSTDICC050



Tgt Ion:112 Resp: 463509
Ion Ratio Lower Upper
112 100
64 59.1 51.1 76.7
63 30.4 26.1 39.1

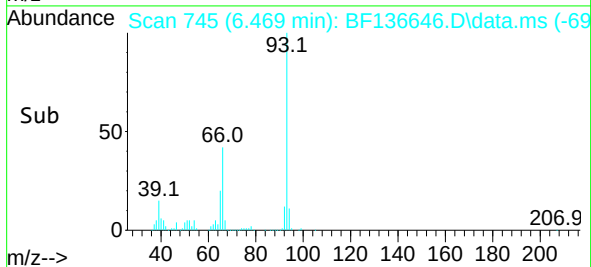
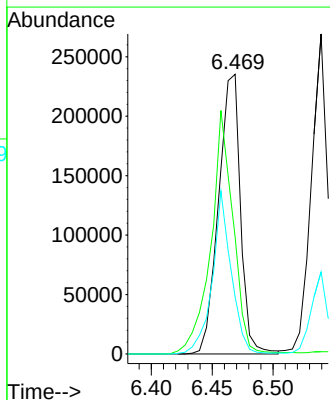
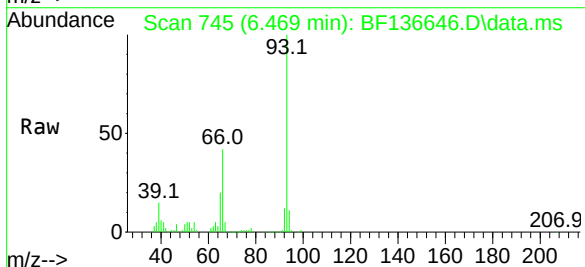
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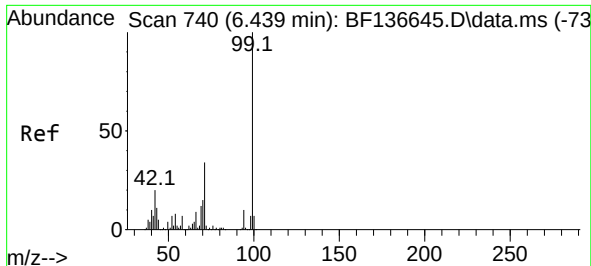
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#6
Aniline
Concen: 46.742 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

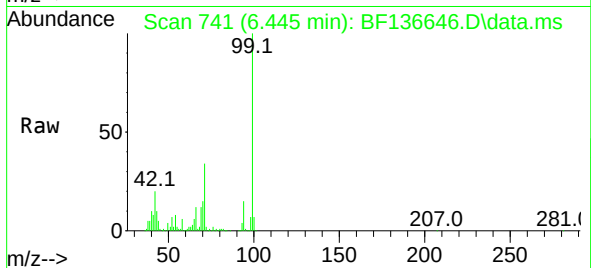
Tgt Ion: 93 Resp: 295965
Ion Ratio Lower Upper
93 100
66 41.7 34.6 51.8
65 20.4 17.8 26.8





#7
Phenol-d6
Concen: 95.666 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

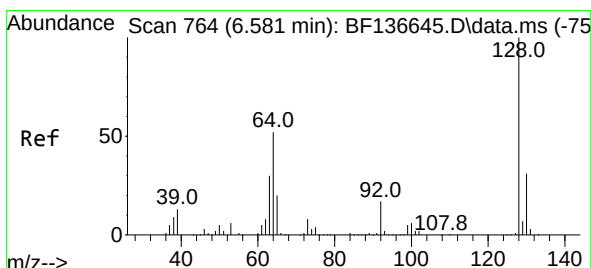
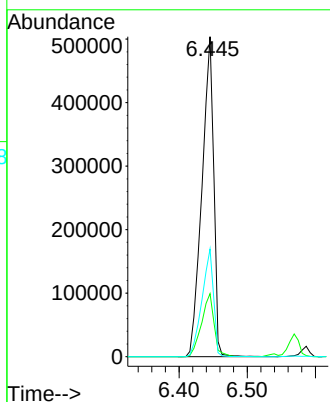
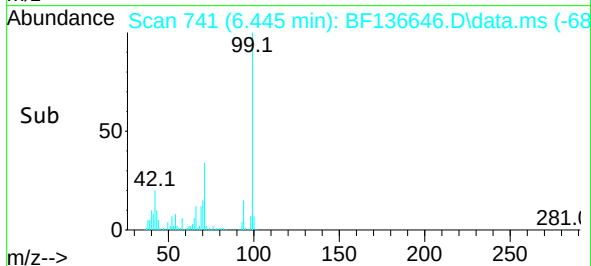
Instrument :
BNA_F
Client Sample Id :
SSTDICC050



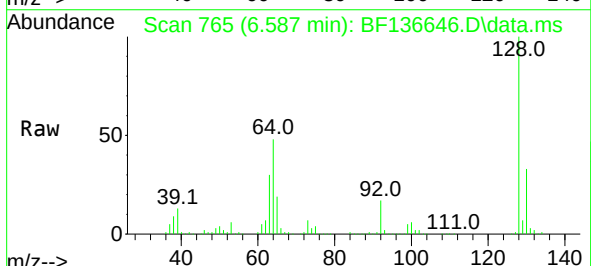
Tgt Ion: 99 Resp: 605870
Ion Ratio Lower Upper
99 100
42 19.7 16.1 24.1
71 33.7 27.4 41.2

Manual Integrations
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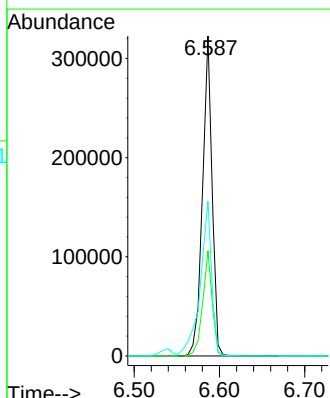
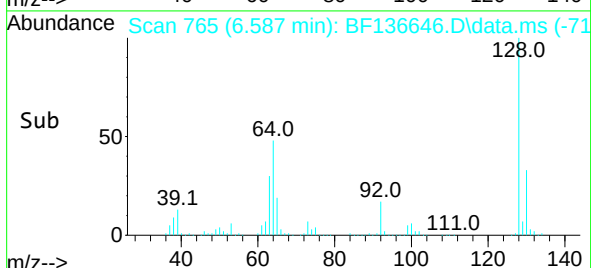
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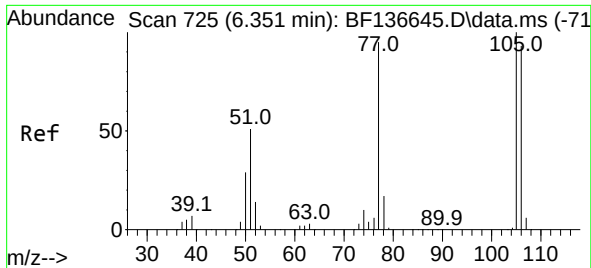


#8
2-Chlorophenol
Concen: 47.250 ng
RT: 6.587 min Scan# 765
Delta R.T. 0.006 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03



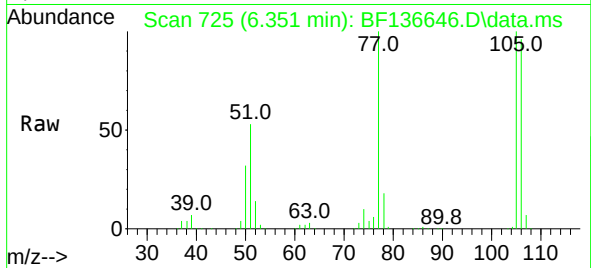
Tgt Ion:128 Resp: 252725
Ion Ratio Lower Upper
128 100
130 32.9 11.3 51.3
64 48.3 32.5 72.5





#9
Benzaldehyde
Concen: 44.984 ng
RT: 6.351 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

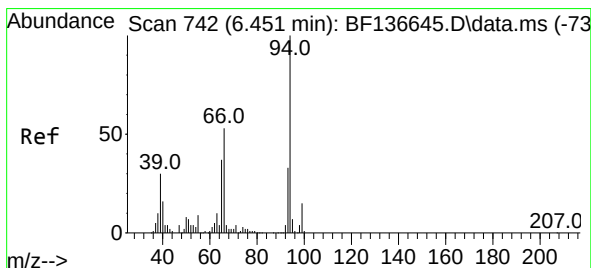
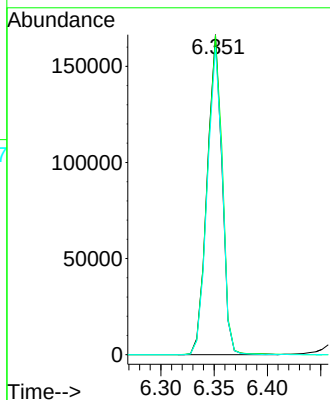
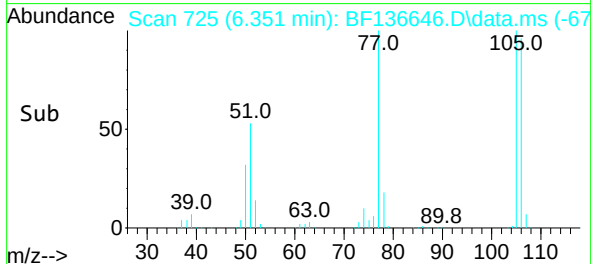
Instrument :
BNA_F
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SSTDICC050



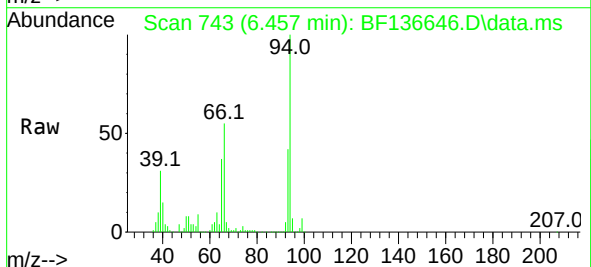
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Ion Ratio Lower Upper
77 100
105 99.7 84.8 124.8
106 96.2 77.8 117.8

Manual Integrations
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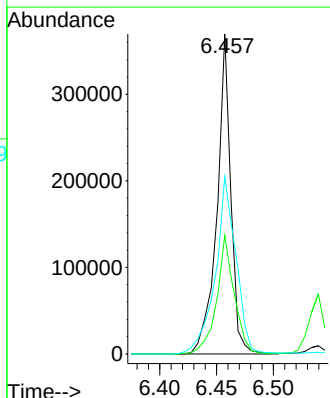
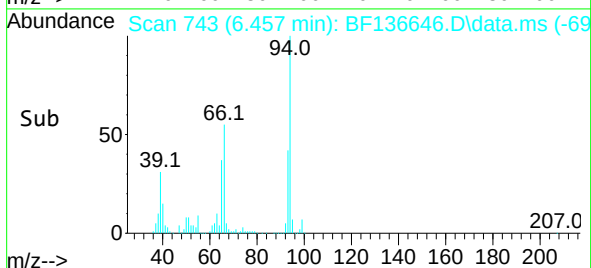
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

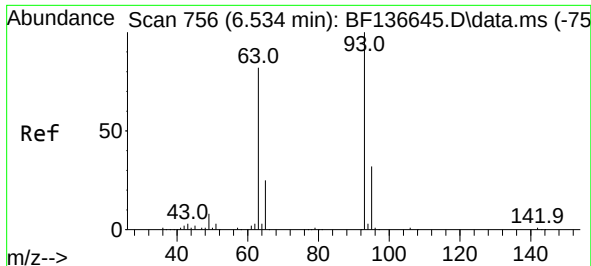


#10
Phenol
Concen: 46.656 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03



Tgt Ion: 94 Resp: 315431
Ion Ratio Lower Upper
94 100
65 37.1 16.6 56.6
66 55.4 32.6 72.6





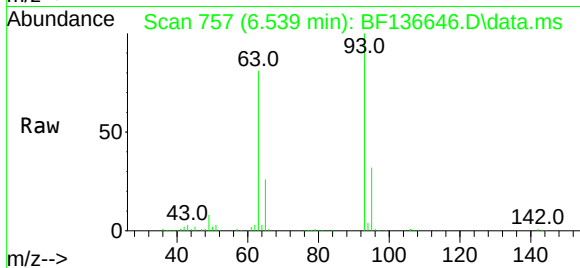
#11
bis(2-Chloroethyl)ether
Concen: 47.659 ng
RT: 6.539 min Scan# 756
Delta R.T. 0.006 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

Instrument :

BNA_F

ClientSampleId :

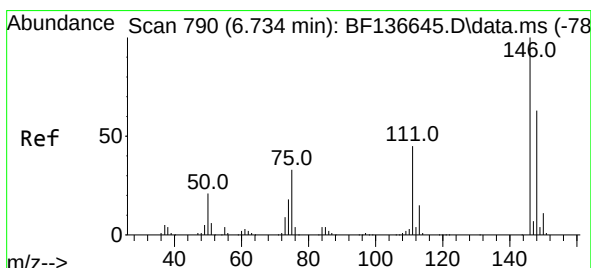
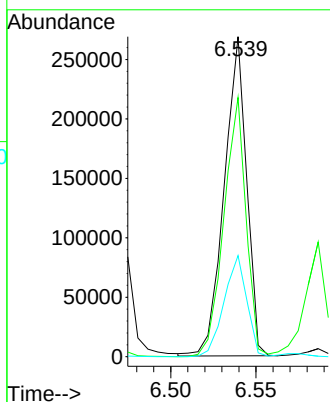
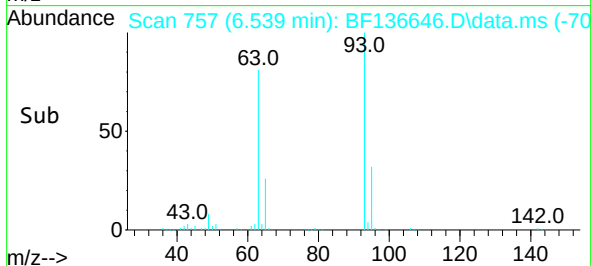
SSTDICC050



Tgt Ion: 93 Resp: 24503
Ion Ratio Lower Upper
93 100
63 81.0 61.2 101.2
95 31.6 11.6 51.6

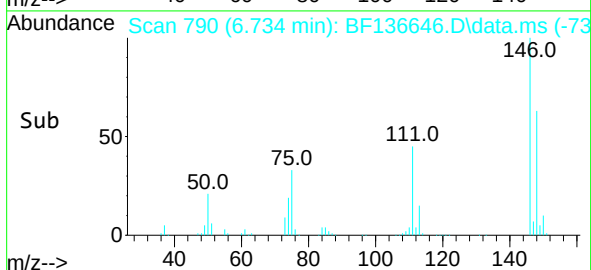
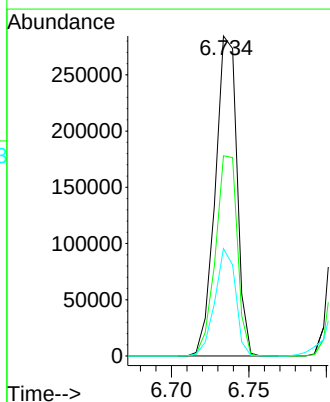
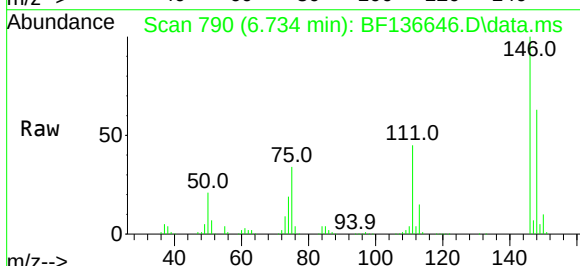
Manual Integrations
APPROVED

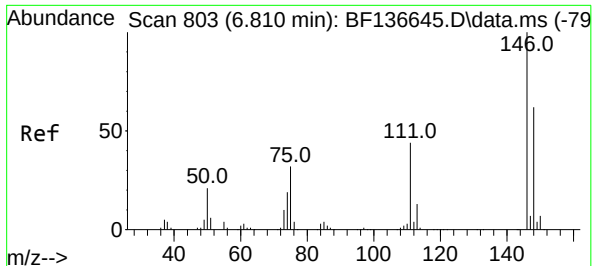
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#12
1,3-Dichlorobenzene
Concen: 47.575 ng
RT: 6.734 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

Tgt Ion:146 Resp: 277592
Ion Ratio Lower Upper
146 100
148 62.5 50.5 75.7
75 33.5 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 47.111 ng

RT: 6.810 min Scan# 803

Delta R.T. 0.000 min

Lab File: BF136646.D

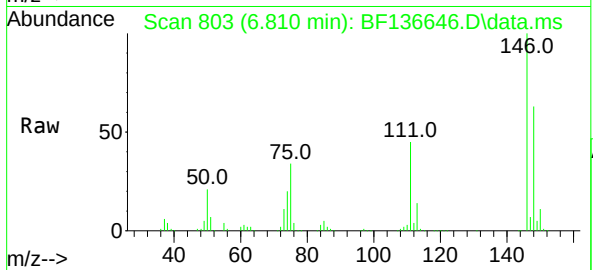
Acq: 20 Dec 2023 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:146 Resp: 280872

Ion Ratio Lower Upper

146 100

148 63.0 49.2 73.8

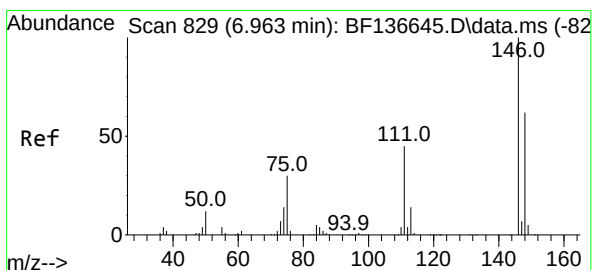
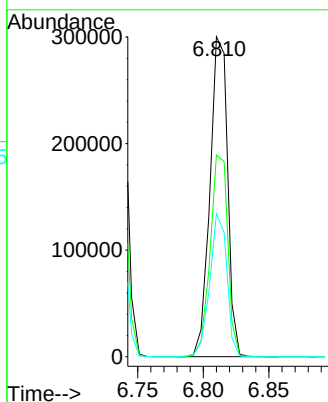
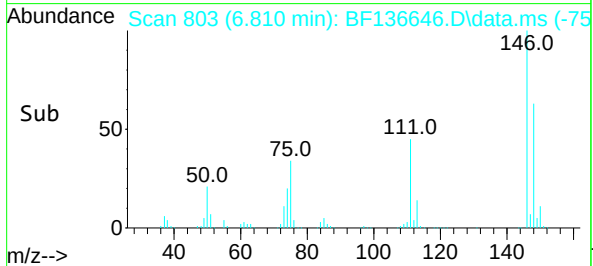
111 44.7 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#14

1,2-Dichlorobenzene

Concen: 46.988 ng

RT: 6.963 min Scan# 829

Delta R.T. 0.000 min

Lab File: BF136646.D

Acq: 20 Dec 2023 13:03

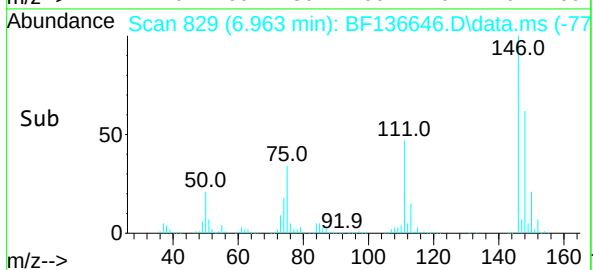
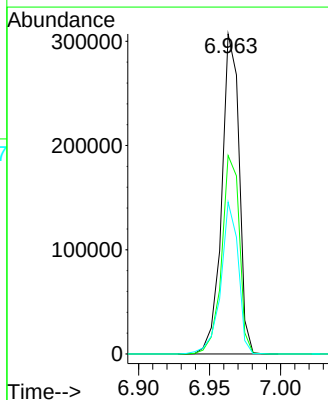
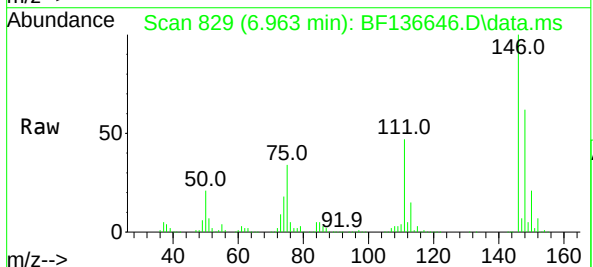
Tgt Ion:146 Resp: 260676

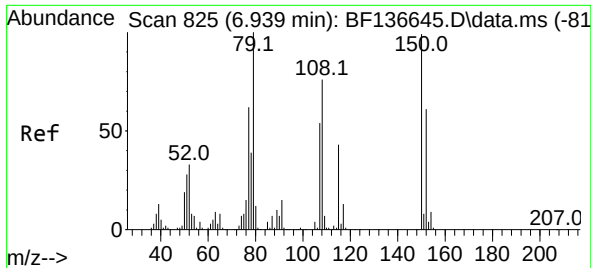
Ion Ratio Lower Upper

146 100

148 62.0 49.6 74.4

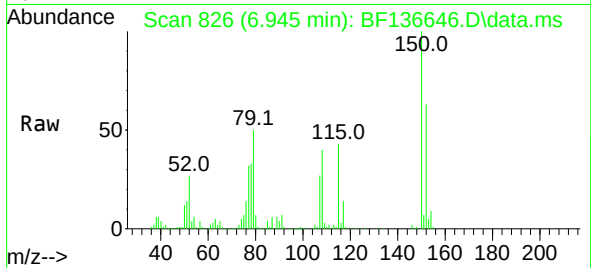
111 47.4 36.2 54.2





#15
Benzyl Alcohol
Concen: 48.058 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

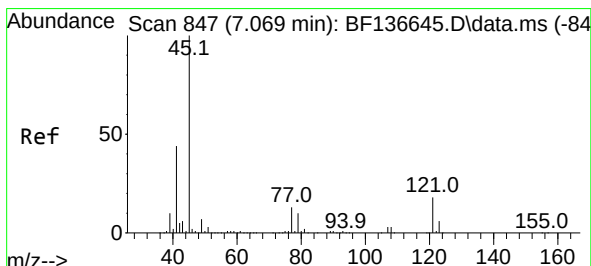
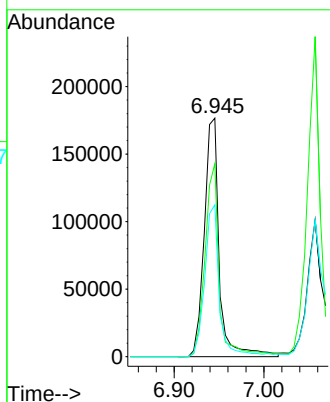
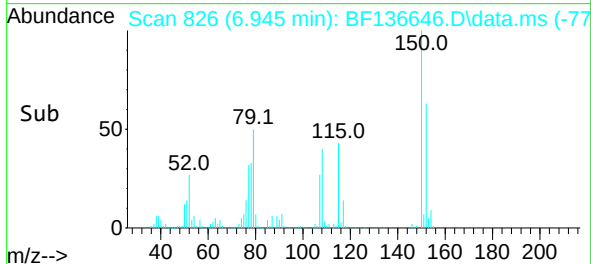
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion: 79 Resp: 20533
Ion Ratio Lower Upper
79 100
108 80.9 61.0 91.6
77 63.7 49.8 74.8

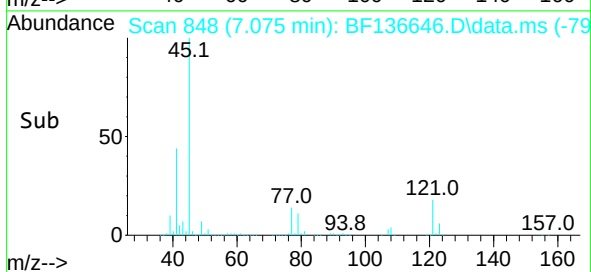
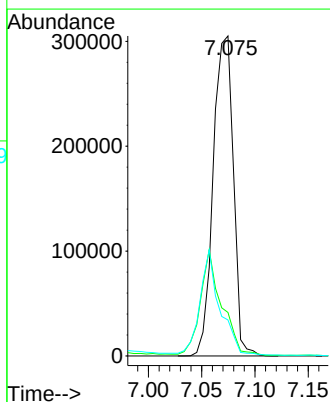
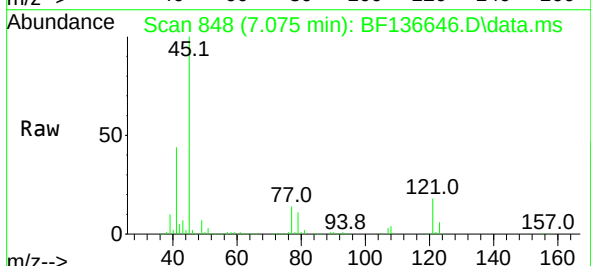
Manual Integrations
APPROVED

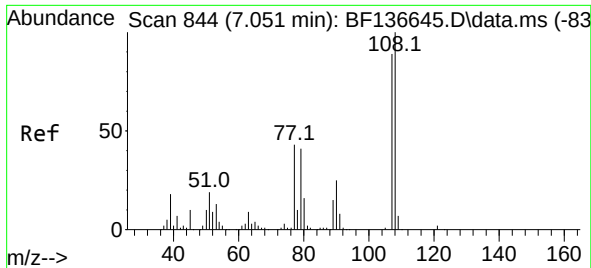
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.693 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.006 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

Tgt Ion: 45 Resp: 400903
Ion Ratio Lower Upper
45 100
77 13.6 0.0 34.3
79 11.2 0.0 31.4





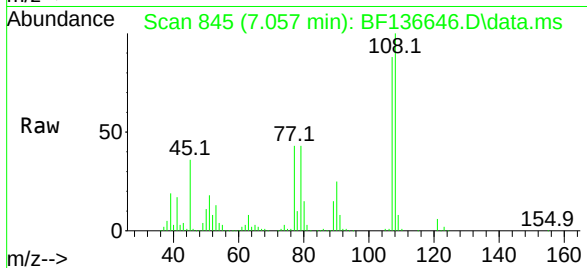
#17
2-Methylphenol
Concen: 47.458 ng
RT: 7.057 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

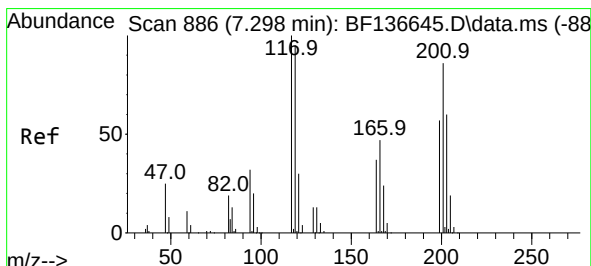
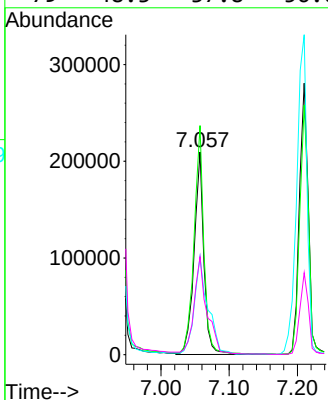
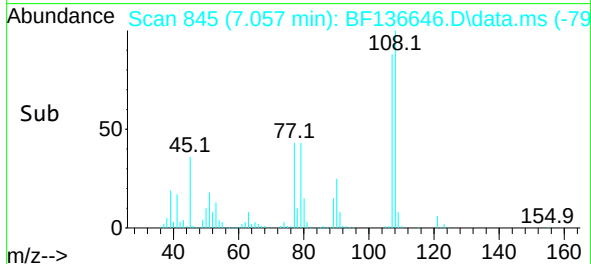


Tgt Ion:107 Resp: 210289
Ion Ratio Lower Upper
107 100
108 113.0 90.3 135.5
77 48.4 38.7 58.1
79 48.3 37.8 56.6

Manual Integrations

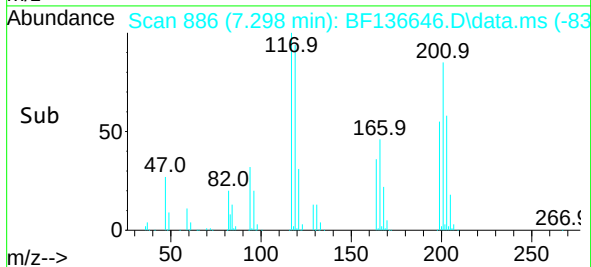
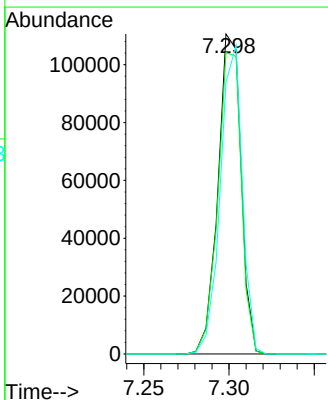
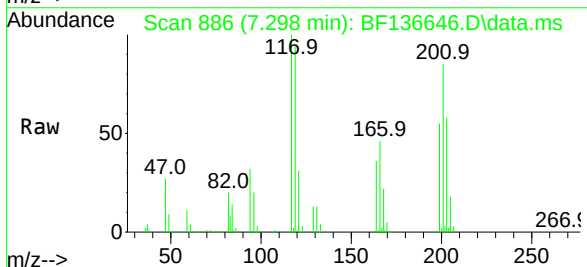
APPROVED

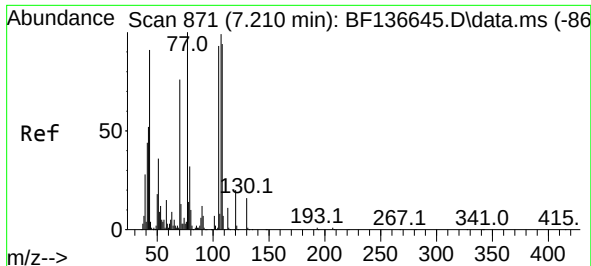
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#18
Hexachloroethane
Concen: 48.198 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

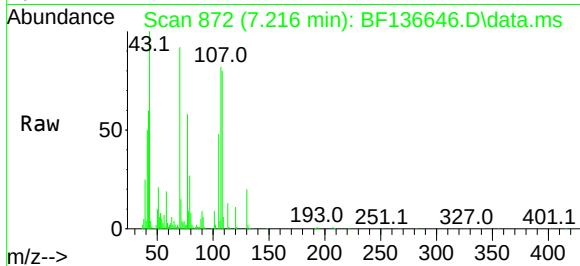
Tgt Ion:117 Resp: 104357
Ion Ratio Lower Upper
117 100
119 94.2 75.8 113.6
201 84.9 69.1 103.7





#19
n-Nitroso-di-n-propylamine
Concen: 46.650 ng
RT: 7.216 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

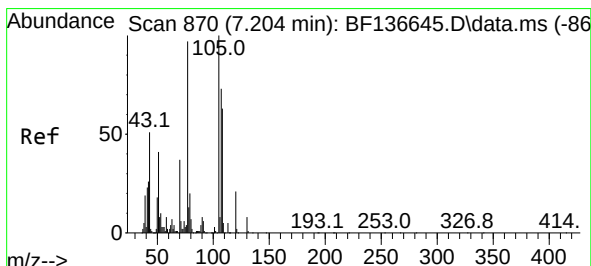
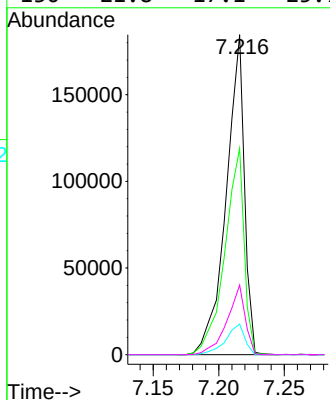
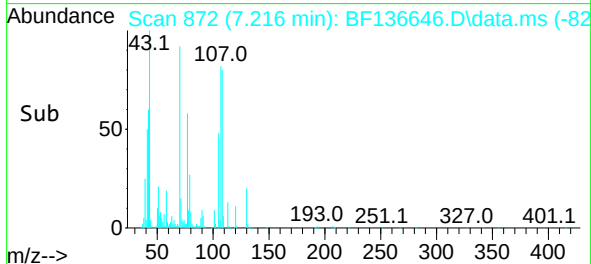
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion: 70 Resp: 179094
Ion Ratio Lower Upper
70 100
42 64.5 54.2 81.4
101 9.6 7.6 11.4
130 21.8 17.1 25.7

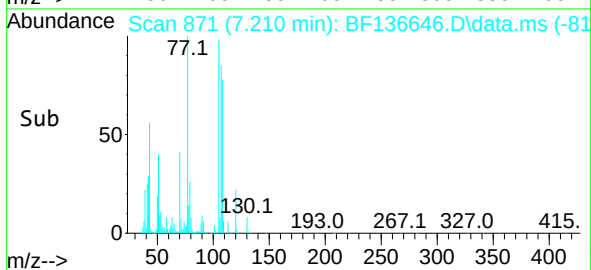
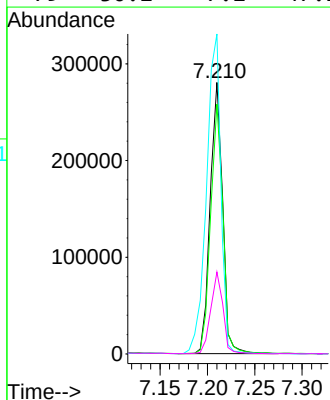
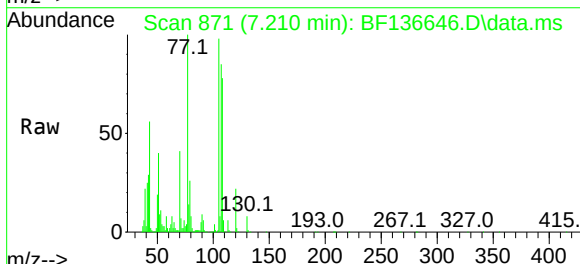
Manual Integrations
APPROVED

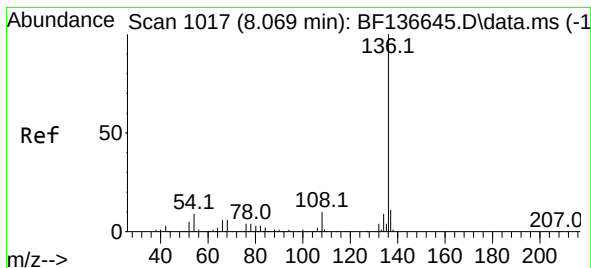
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#20
3+4-Methylphenols
Concen: 46.230 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

Tgt Ion:107 Resp: 255919
Ion Ratio Lower Upper
107 100
108 92.0 66.0 106.0
77 117.9 114.2 154.2
79 30.2 7.2 47.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1017

Delta R.T. 0.006 min

Lab File: BF136646.D

Acq: 20 Dec 2023 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:136 Resp: 302618

Ion Ratio Lower Upper

136 100

137 10.2 9.0 13.4

54 8.1 7.2 10.8

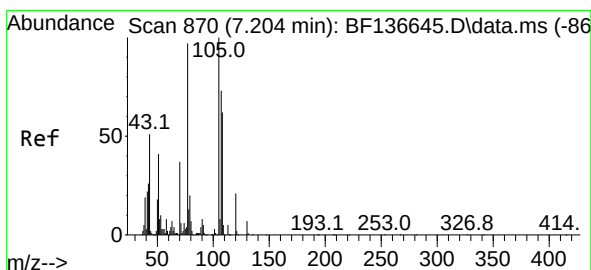
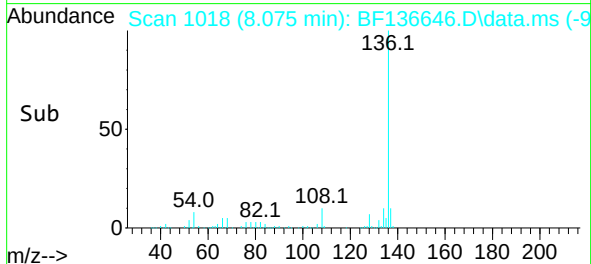
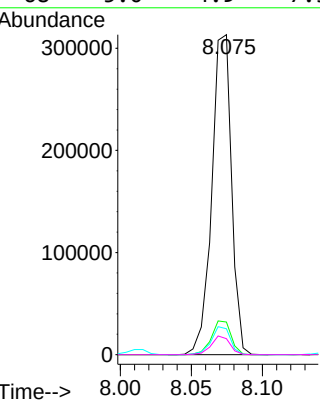
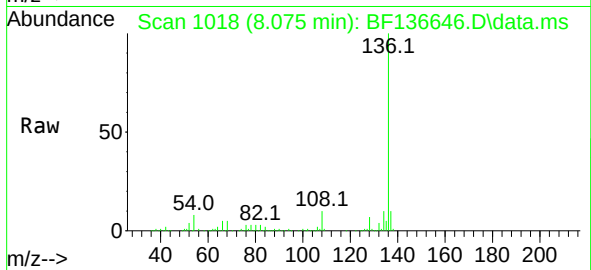
68 5.0 4.9 7.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#22

Acetophenone

Concen: 46.486 ng

RT: 7.210 min Scan# 871

Delta R.T. 0.006 min

Lab File: BF136646.D

Acq: 20 Dec 2023 13:03

Tgt Ion:105 Resp: 352603

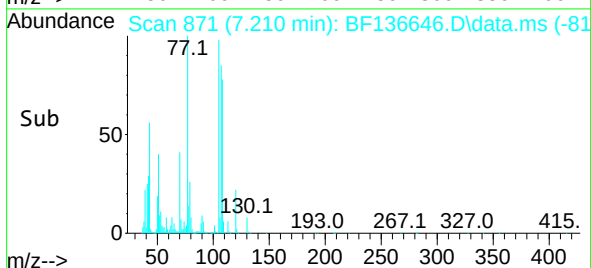
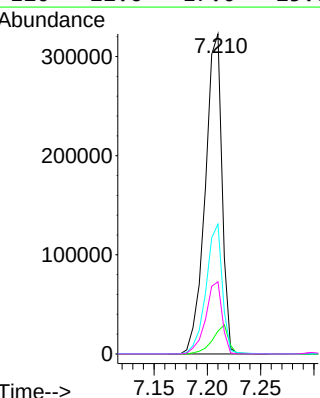
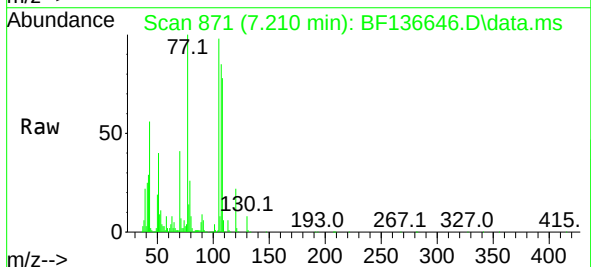
Ion Ratio Lower Upper

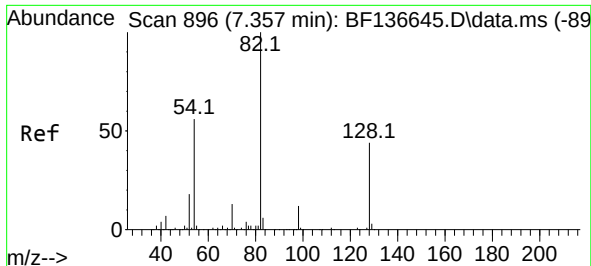
105 100

71 7.1 4.8 7.2

51 40.6 32.8 49.2

120 22.6 17.0 25.6





#23

Nitrobenzene-d5

Concen: 94.630 ng

RT: 7.363 min Scan# 89

Delta R.T. 0.006 min

Lab File: BF136646.D

Acq: 20 Dec 2023 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 559628

Ion Ratio Lower Upper

82 100

128 44.1 35.3 52.9

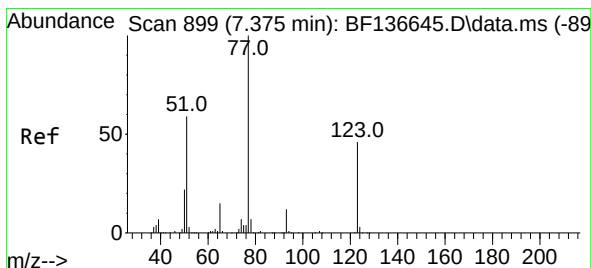
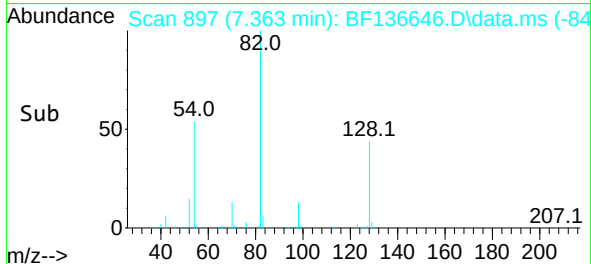
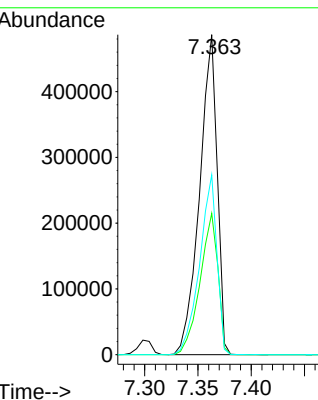
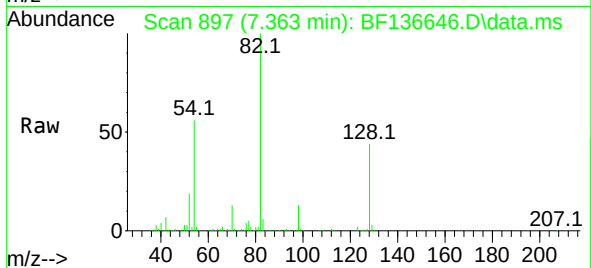
54 56.2 44.5 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#24

Nitrobenzene

Concen: 47.890 ng

RT: 7.381 min Scan# 900

Delta R.T. 0.006 min

Lab File: BF136646.D

Acq: 20 Dec 2023 13:03

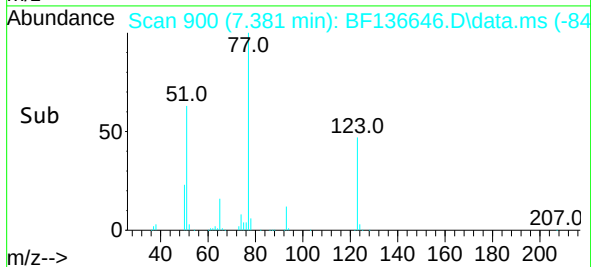
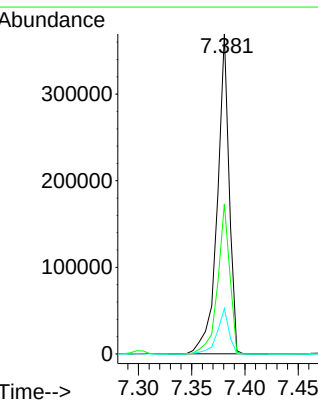
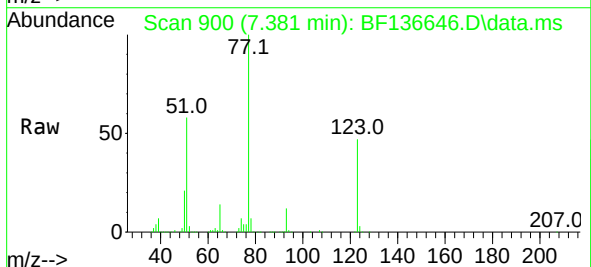
Tgt Ion: 77 Resp: 283709

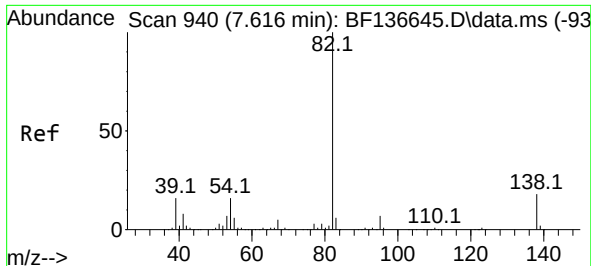
Ion Ratio Lower Upper

77 100

123 46.9 36.7 55.1

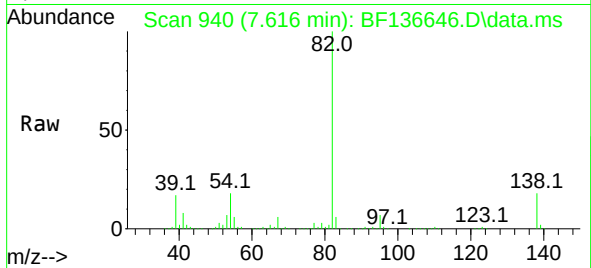
65 14.1 11.8 17.6





#25
Isophorone
Concen: 47.732 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

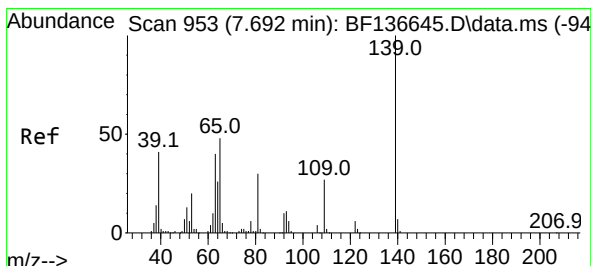
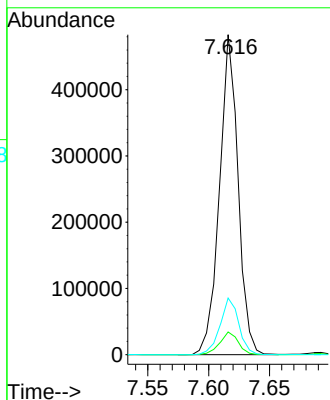
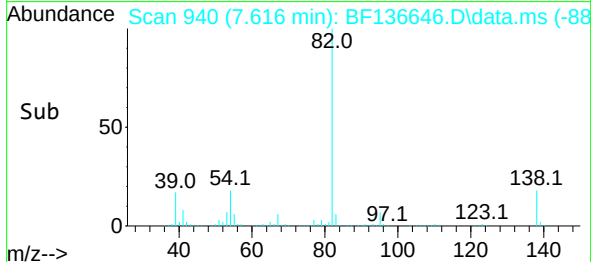
Instrument :
BNA_F
Client Sample Id :
SSTDICC050



Tgt Ion: 82 Resp: 51363
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 17.7 14.5 21.7

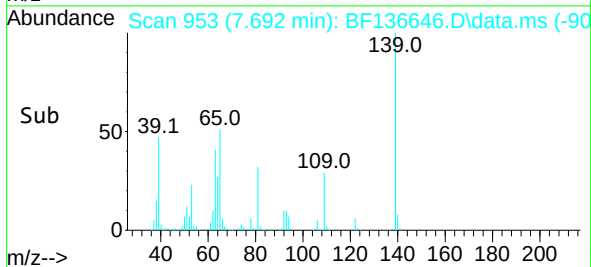
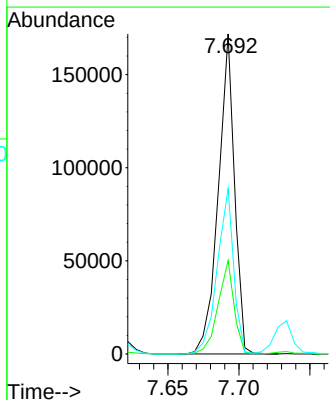
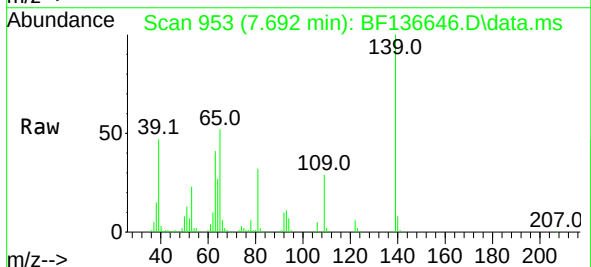
Manual Integrations
APPROVED

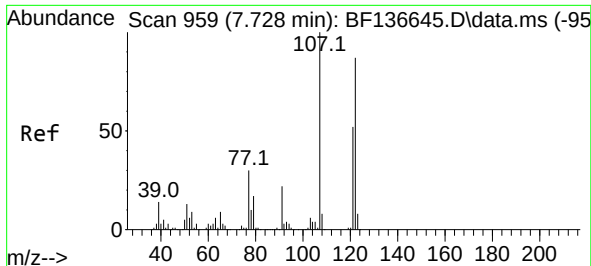
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#26
2-Nitrophenol
Concen: 48.057 ng
RT: 7.692 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

Tgt Ion:139 Resp: 136212
Ion Ratio Lower Upper
139 100
109 29.2 21.9 32.9
65 51.7 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 48.192 ng

RT: 7.734 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF136646.D

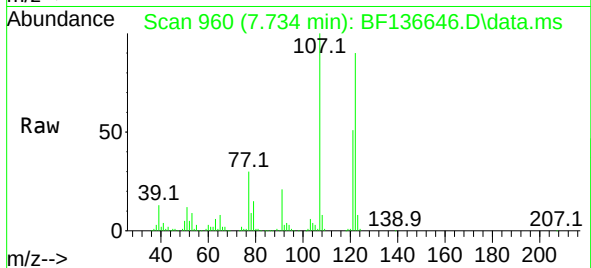
Acq: 20 Dec 2023 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:122 Resp: 166290

Ion Ratio Lower Upper

122 100

107 111.3 92.0 138.0

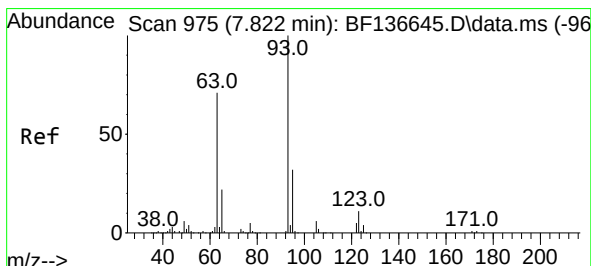
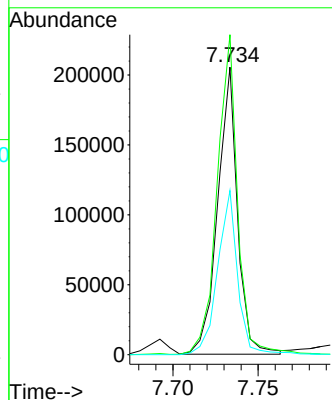
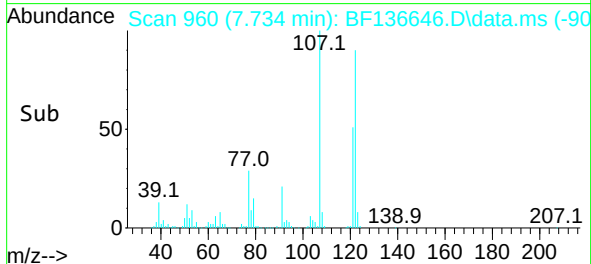
121 57.1 47.5 71.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#28

bis(2-Chloroethoxy)methane

Concen: 47.583 ng

RT: 7.828 min Scan# 976

Delta R.T. 0.006 min

Lab File: BF136646.D

Acq: 20 Dec 2023 13:03

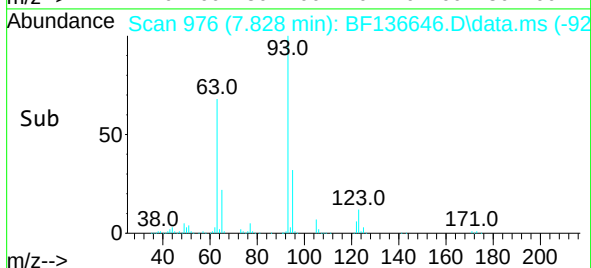
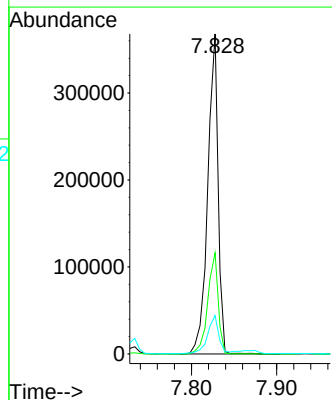
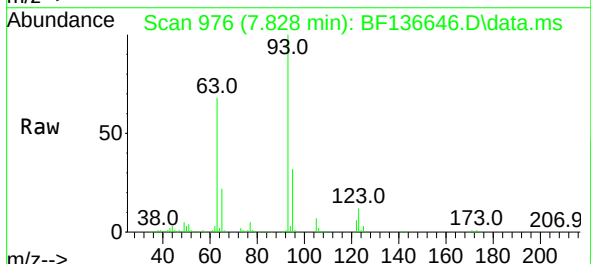
Tgt Ion: 93 Resp: 311238

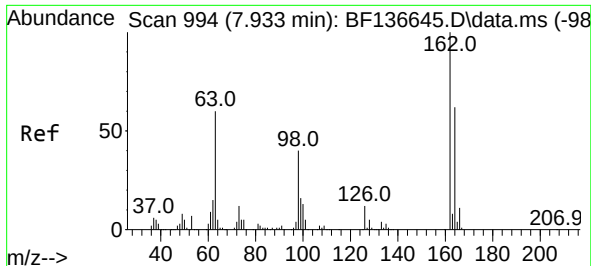
Ion Ratio Lower Upper

93 100

95 31.6 25.5 38.3

123 12.0 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 48.010 ng

RT: 7.933 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF136646.D

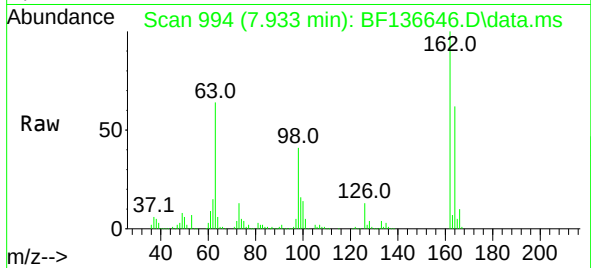
Acq: 20 Dec 2023 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



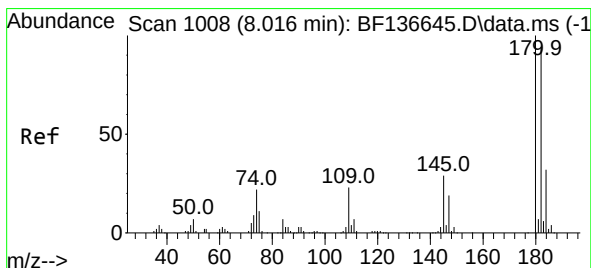
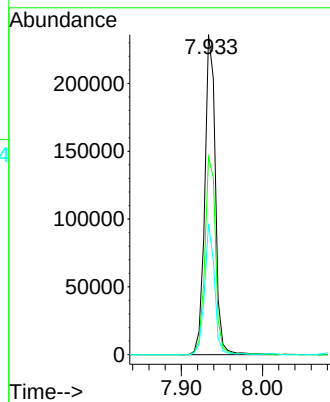
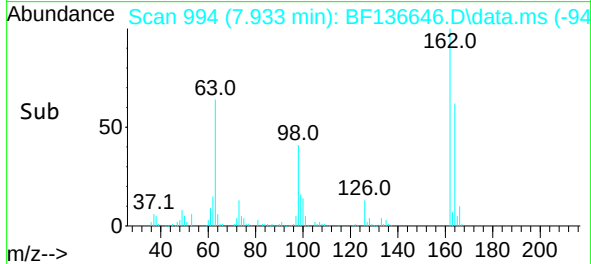
Tgt Ion:	162	Resp:	213284
Ion Ratio	Lower	Upper	
162	100		
164	61.9	41.7	81.7
98	40.9	19.5	59.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#30

1,2,4-Trichlorobenzene

Concen: 47.458 ng

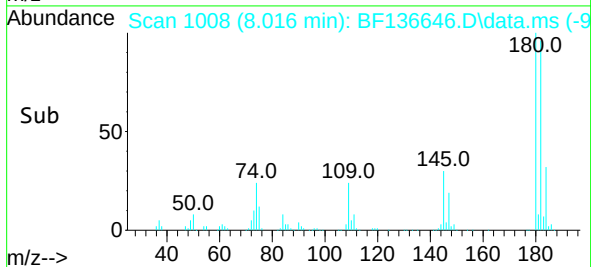
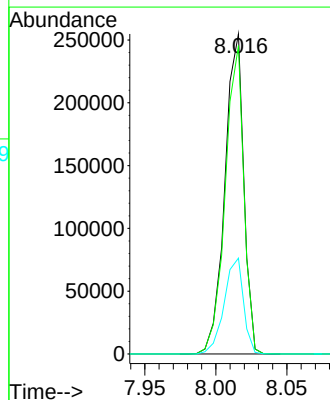
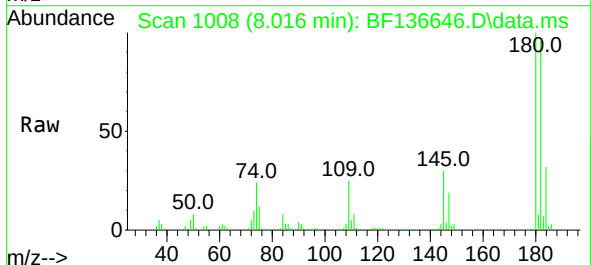
RT: 8.016 min Scan# 1008

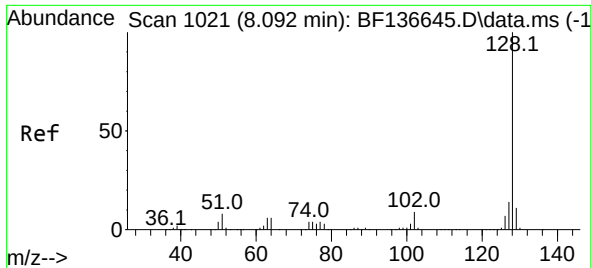
Delta R.T. 0.000 min

Lab File: BF136646.D

Acq: 20 Dec 2023 13:03

Tgt Ion:	180	Resp:	234902
Ion Ratio	Lower	Upper	
180	100		
182	96.3	75.4	113.0
145	29.9	23.1	34.7





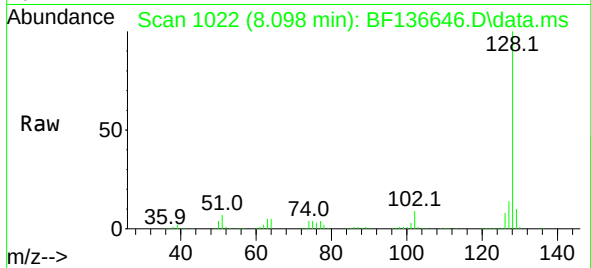
#31
Naphthalene
Concen: 46.986 ng
RT: 8.098 min Scan# 1021
Delta R.T. 0.006 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

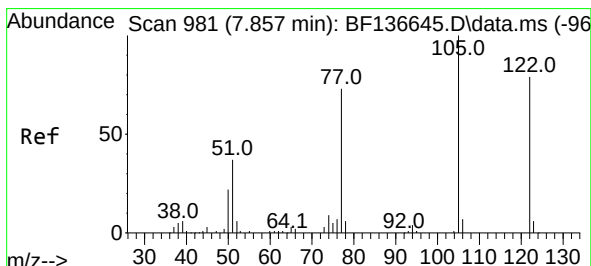
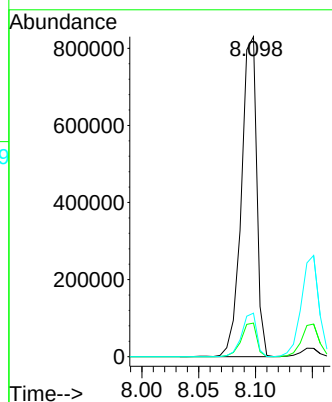
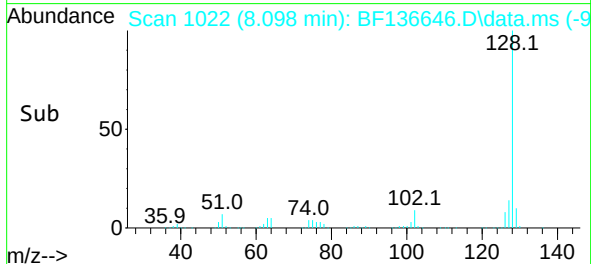


Tgt Ion:128 Resp: 78115
Ion Ratio Lower Upper
128 100
129 10.5 8.7 13.1
127 13.6 10.8 16.2

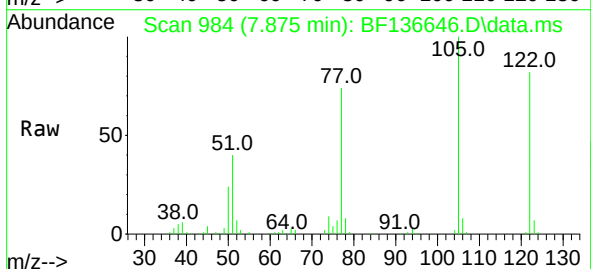
Manual Integrations

APPROVED

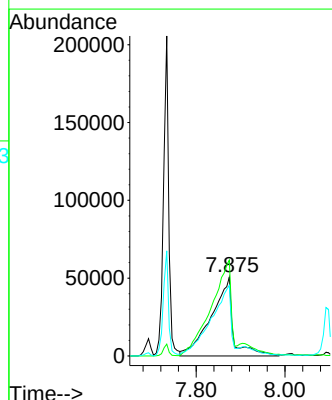
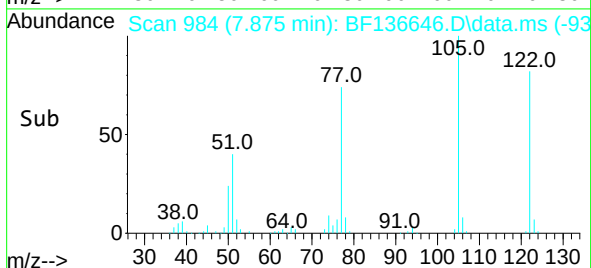
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

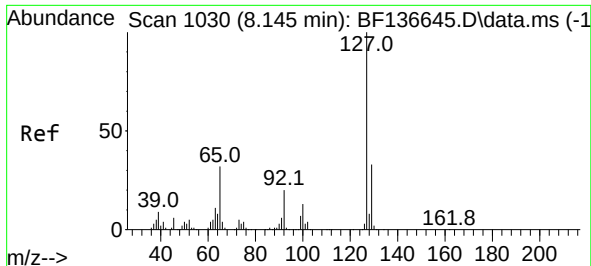


#32
Benzoic acid
Concen: 52.697 ng m
RT: 7.875 min Scan# 984
Delta R.T. 0.018 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03



Tgt Ion:122 Resp: 174630
Ion Ratio Lower Upper
122 100
105 121.7 100.8 140.8
77 89.5 70.9 110.9





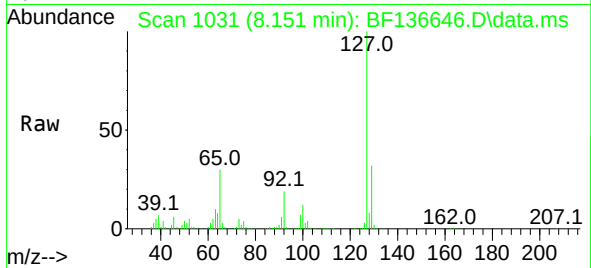
#33
4-Chloroaniline
Concen: 47.143 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.006 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

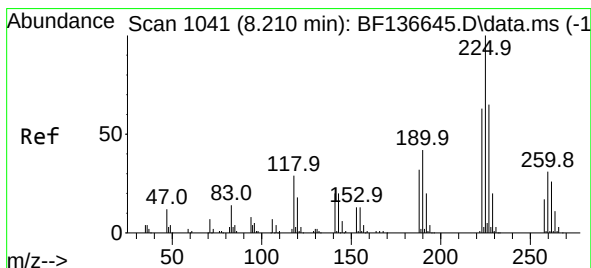
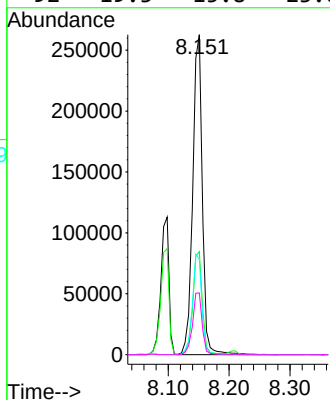
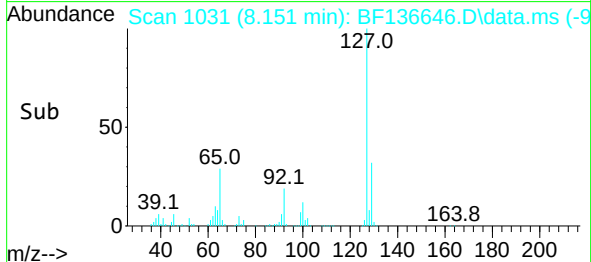


Tgt Ion:127 Resp: 289378
Ion Ratio Lower Upper
127 100
129 32.2 26.3 39.5
65 29.8 25.8 38.8
92 19.3 15.8 23.6

Manual Integrations

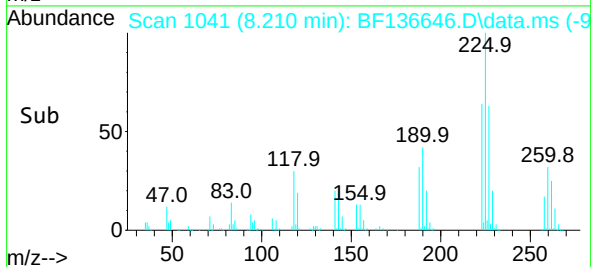
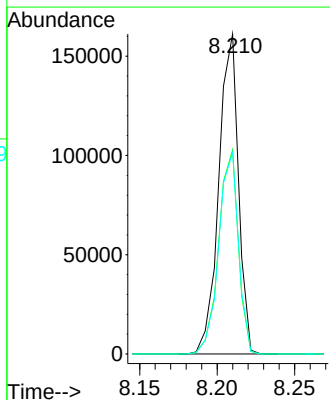
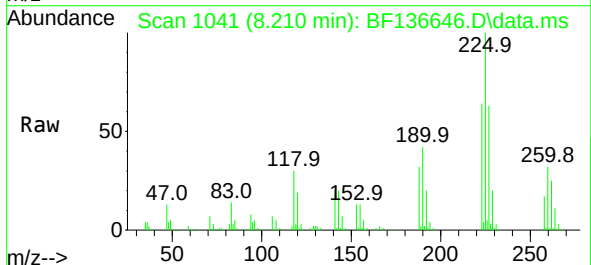
APPROVED

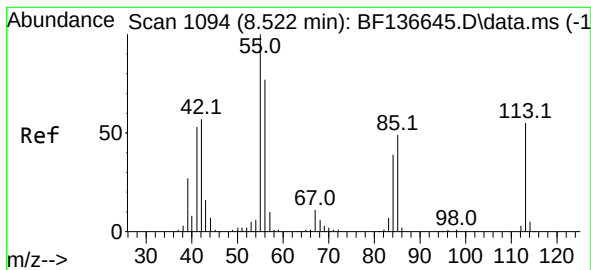
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#34
Hexachlorobutadiene
Concen: 47.245 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

Tgt Ion:225 Resp: 142079
Ion Ratio Lower Upper
225 100
223 63.8 50.6 76.0
227 62.9 51.9 77.9





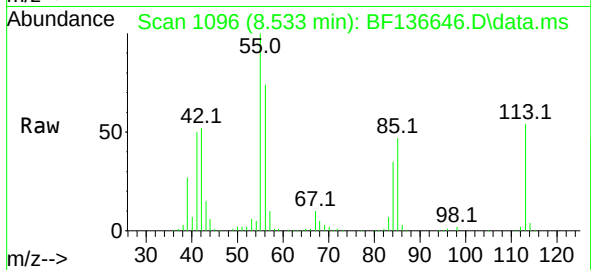
#35
Caprolactam
Concen: 47.671 ng
RT: 8.533 min Scan# 1096
Delta R.T. 0.012 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

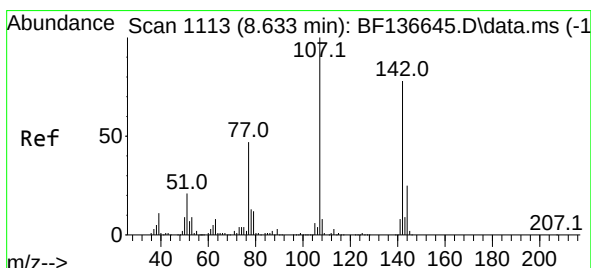
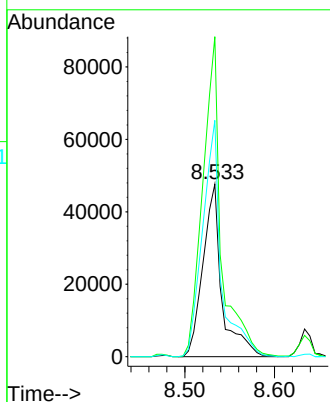
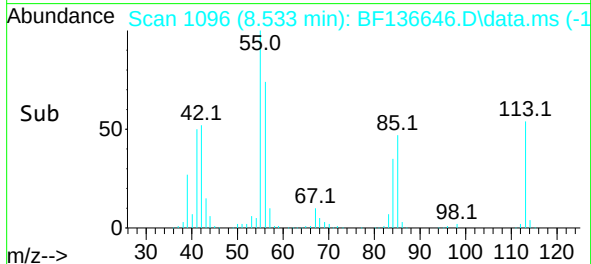


Tgt Ion:113 Resp: 6988
Ion Ratio Lower Upper
113 100
55 185.5 163.1 203.1
56 137.1 121.7 161.7

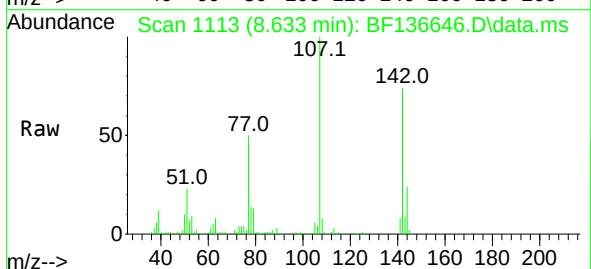
Manual Integrations

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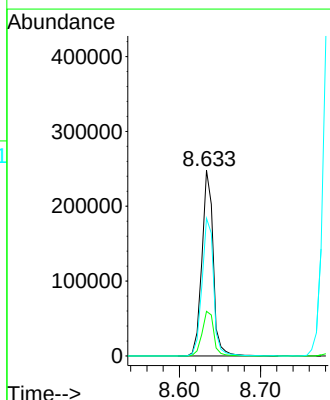
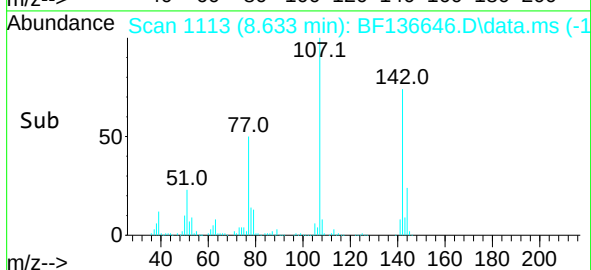
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

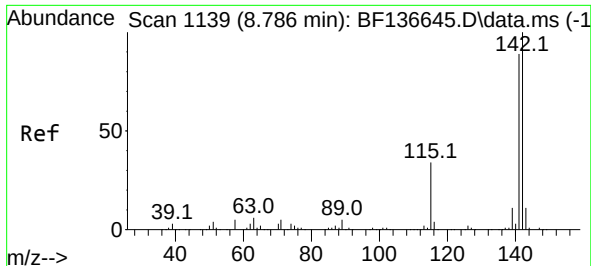


#36
4-Chloro-3-methylphenol
Concen: 47.694 ng
RT: 8.633 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03



Tgt Ion:107 Resp: 238527
Ion Ratio Lower Upper
107 100
144 24.0 20.2 30.2
142 74.2 62.3 93.5





#37

2-Methylnaphthalene

Concen: 46.423 ng

RT: 8.786 min Scan# 1139

Delta R.T. 0.000 min

Lab File: BF136646.D

Acq: 20 Dec 2023 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:142 Resp: 496699

Ion Ratio Lower Upper

142 100

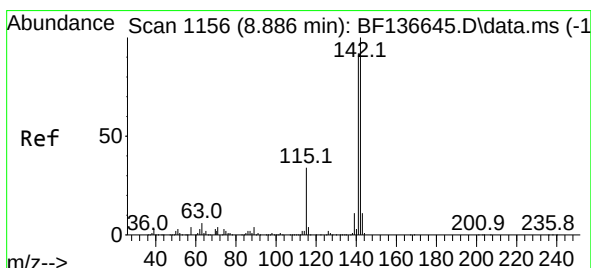
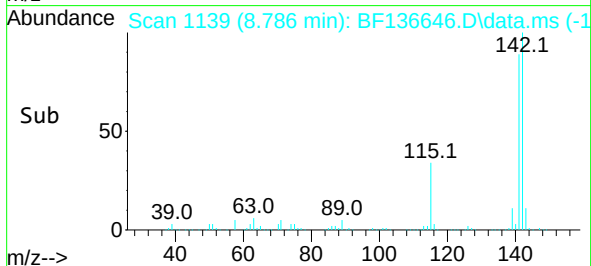
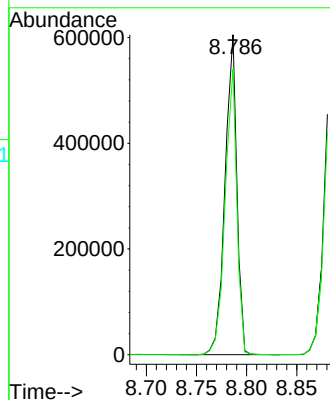
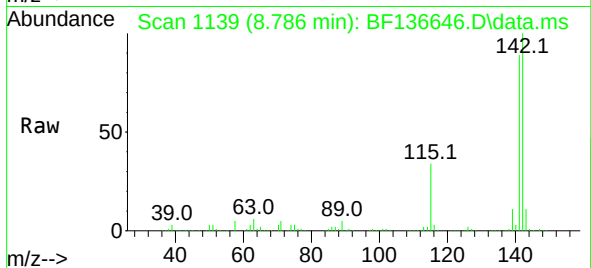
141 89.3 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#38

1-Methylnaphthalene

Concen: 46.182 ng

RT: 8.886 min Scan# 1156

Delta R.T. 0.000 min

Lab File: BF136646.D

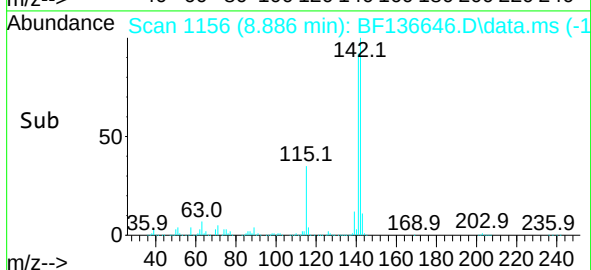
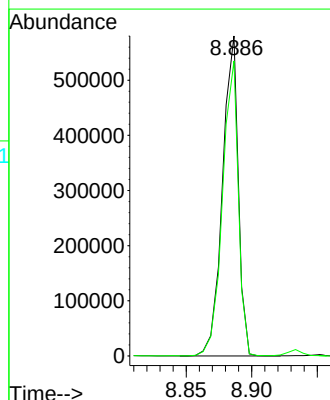
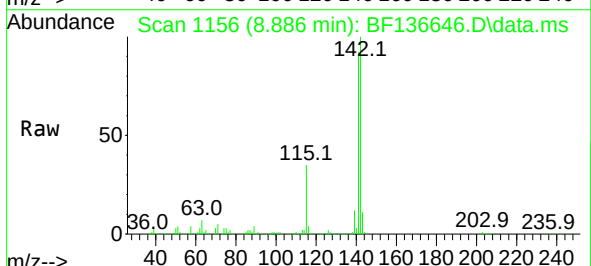
Acq: 20 Dec 2023 13:03

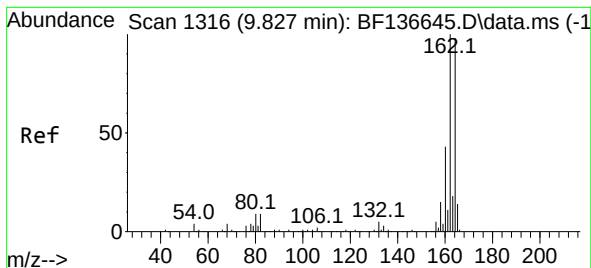
Tgt Ion:142 Resp: 484776

Ion Ratio Lower Upper

142 100

141 92.2 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF136646.D

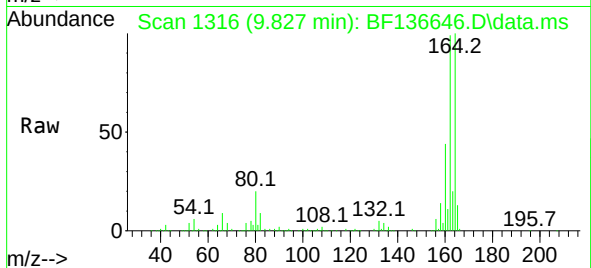
Acq: 20 Dec 2023 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:164 Resp: 160178

Ion Ratio Lower Upper

164 100

162 98.7 81.6 122.4

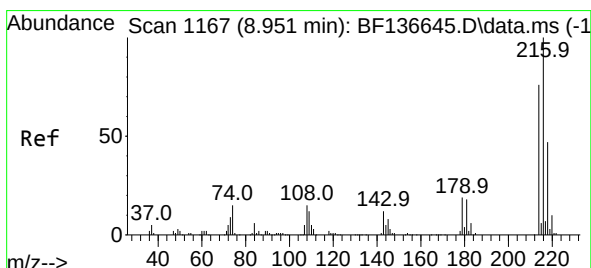
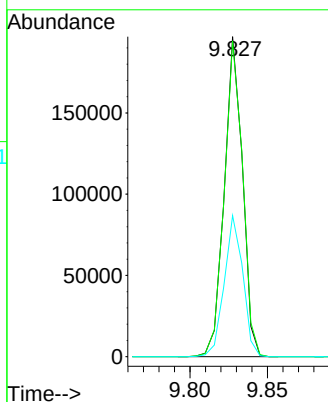
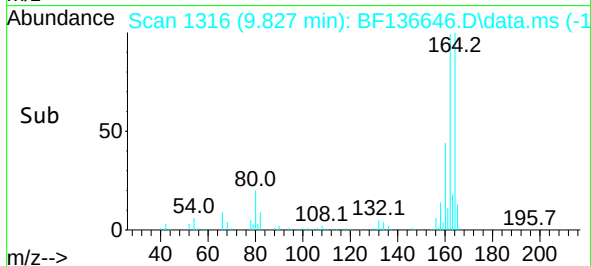
160 44.1 34.9 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.087 ng

RT: 8.951 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF136646.D

Acq: 20 Dec 2023 13:03

Tgt Ion:216 Resp: 228622

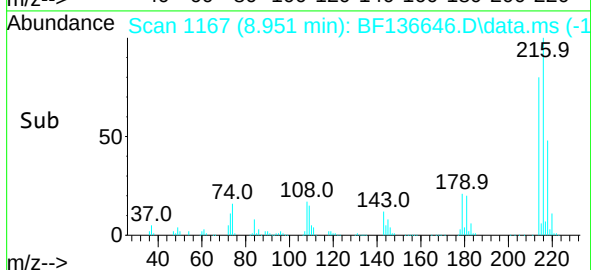
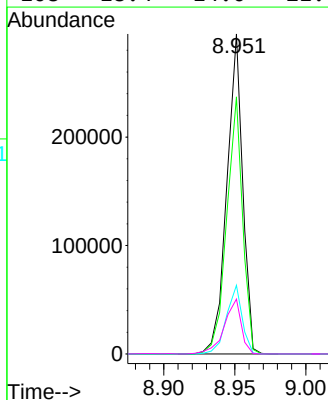
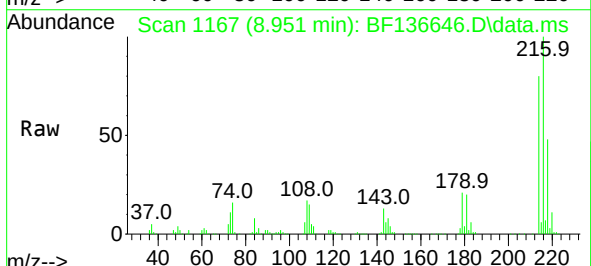
Ion Ratio Lower Upper

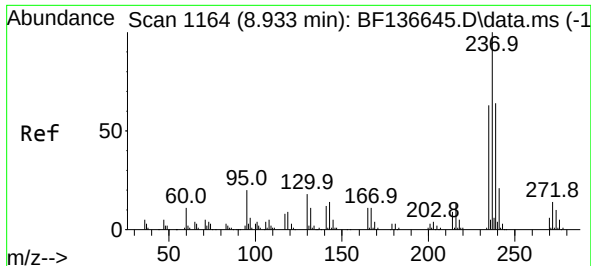
216 100

214 80.3 62.3 93.5

179 21.3 16.4 24.6

108 18.4 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 49.223 ng
RT: 8.933 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

Instrument :

BNA_F

ClientSampleId :

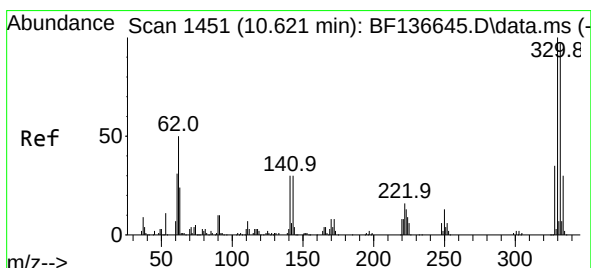
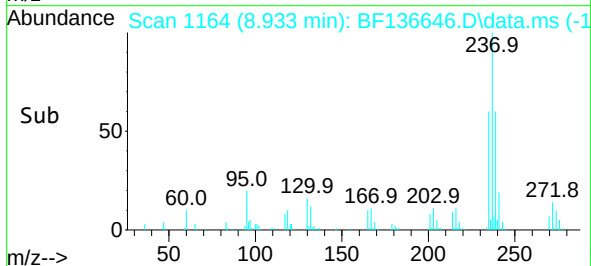
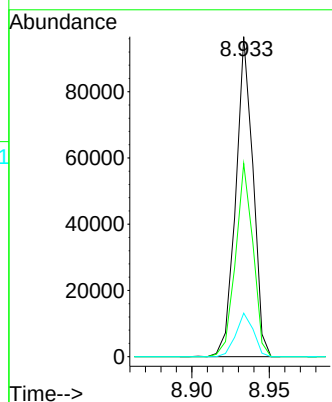
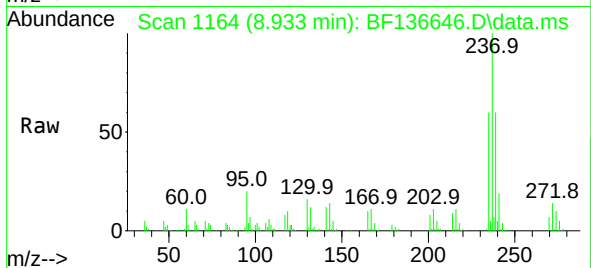
SSTDICC050

Tgt Ion:237 Resp: 74679
Ion Ratio Lower Upper
237 100
235 60.3 43.2 83.2
272 13.6 0.0 34.2

Manual Integrations

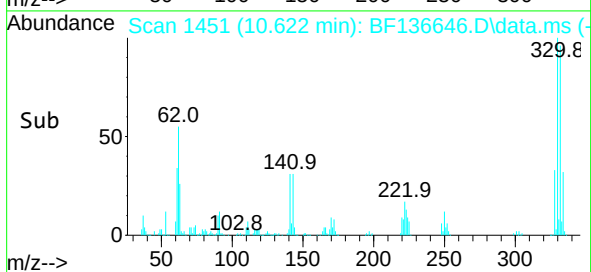
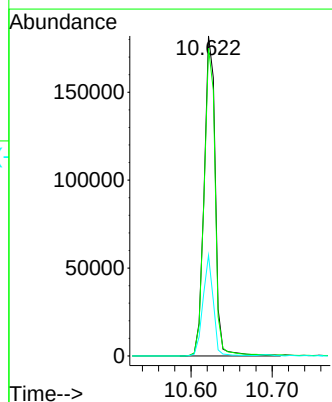
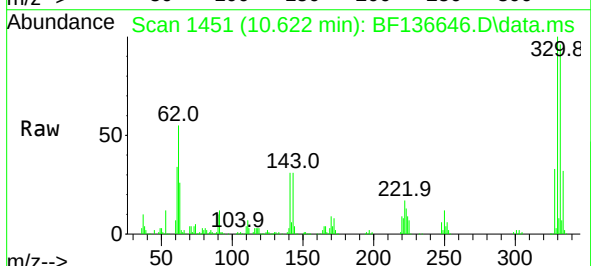
APPROVED

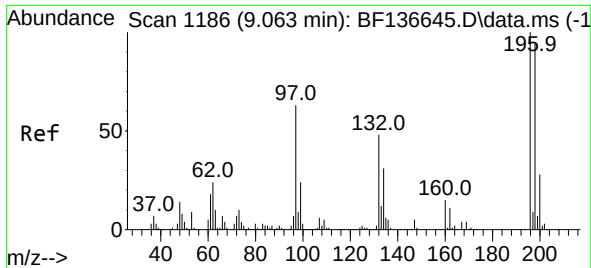
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#42
2,4,6-Tribromophenol
Concen: 91.860 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

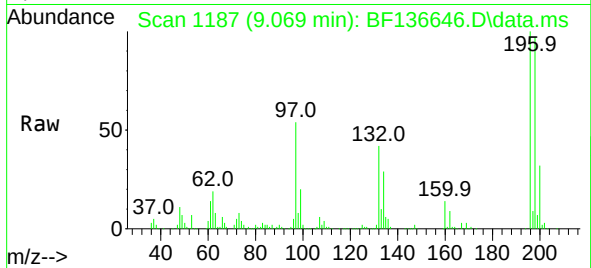
Tgt Ion:330 Resp: 173290
Ion Ratio Lower Upper
330 100
332 95.8 77.4 116.0
141 29.2 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 47.598 ng
RT: 9.069 min Scan# 1186
Delta R.T. 0.006 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

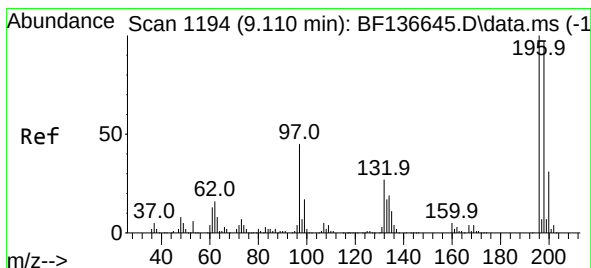
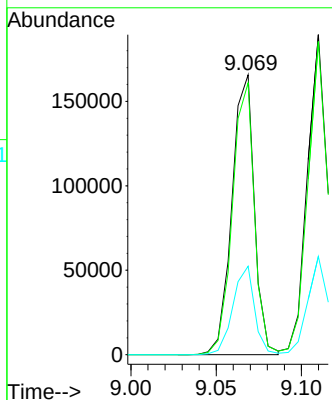
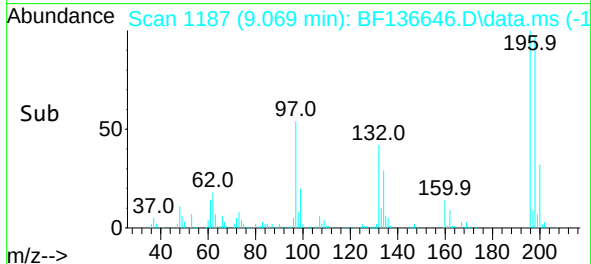
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



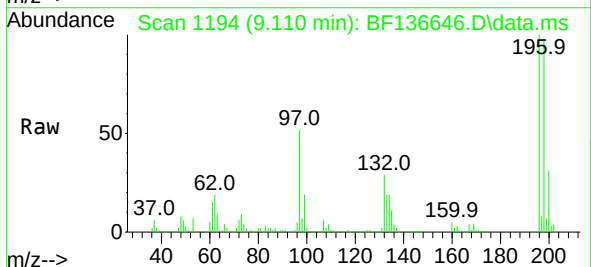
Tgt Ion:196 Resp: 15142
Ion Ratio Lower Upper
196 100
198 97.1 75.1 112.7
200 31.6 22.5 33.7

Manual Integrations
APPROVED

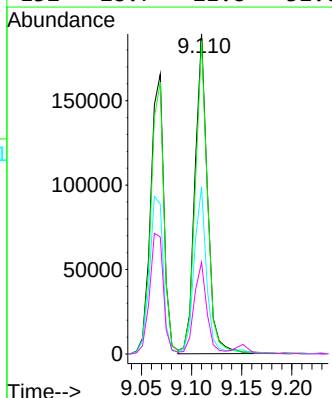
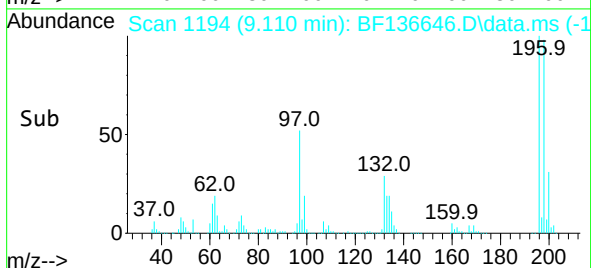
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

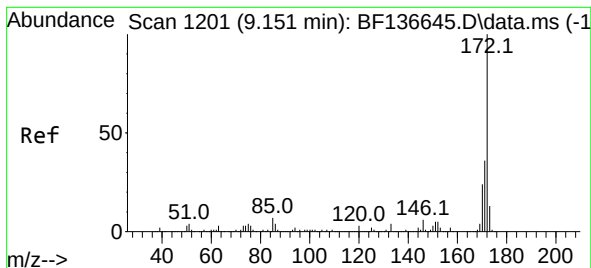


#44
2,4,5-Trichlorophenol
Concen: 46.596 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03



Tgt Ion:196 Resp: 165189
Ion Ratio Lower Upper
196 100
198 97.8 77.0 115.6
97 52.3 36.1 54.1
132 28.7 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 89.987 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF136646.D

Acq: 20 Dec 2023 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:172 Resp: 1071679

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.6

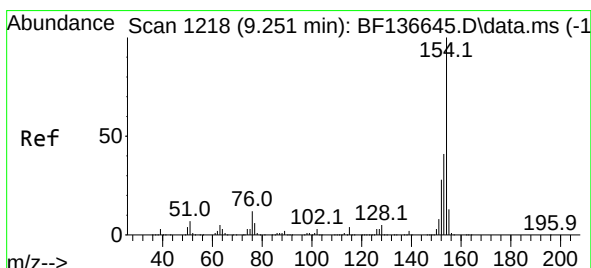
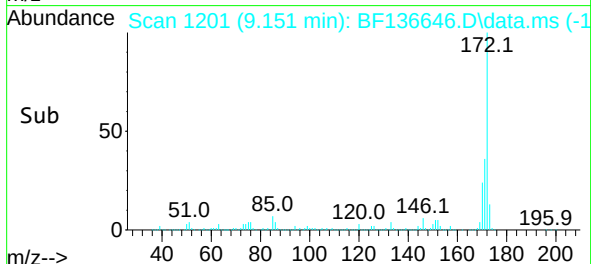
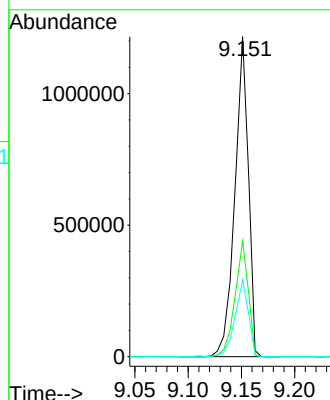
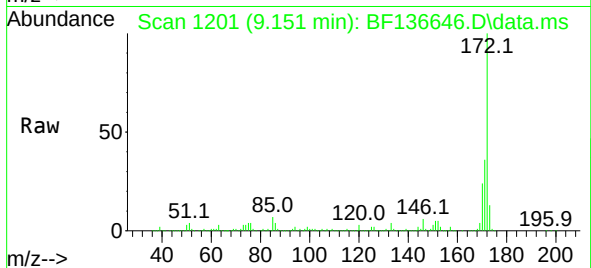
170 24.0 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#46

1,1'-Biphenyl

Concen: 46.333 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF136646.D

Acq: 20 Dec 2023 13:03

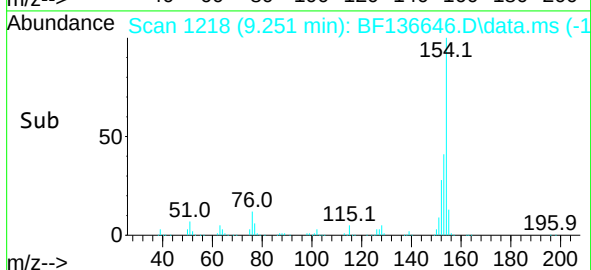
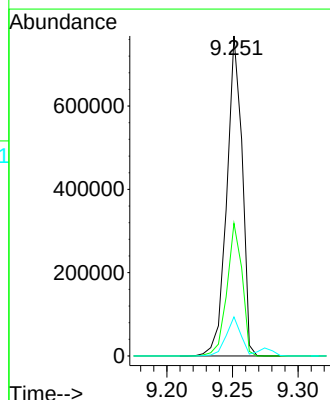
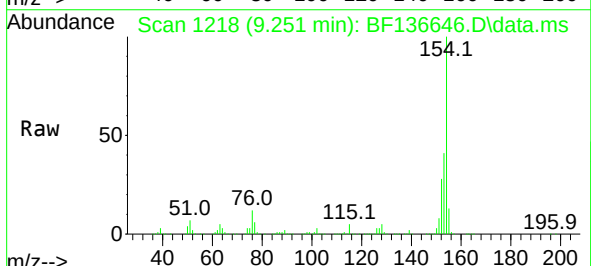
Tgt Ion:154 Resp: 622783

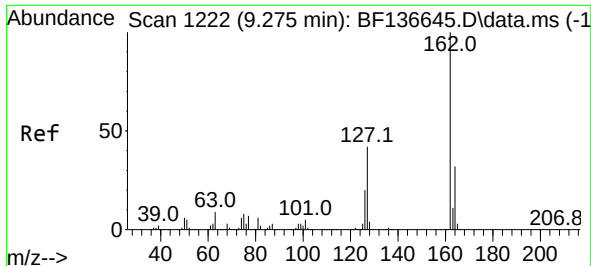
Ion Ratio Lower Upper

154 100

153 41.4 21.1 61.1

76 12.2 0.0 31.7





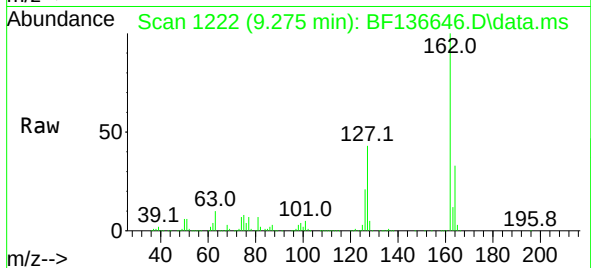
#47
2-Chloronaphthalene
Concen: 46.335 ng
RT: 9.275 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

Instrument :

BNA_F

ClientSampleId :

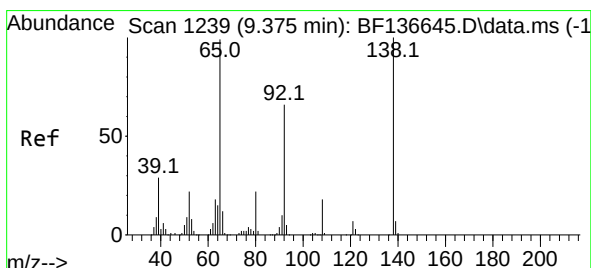
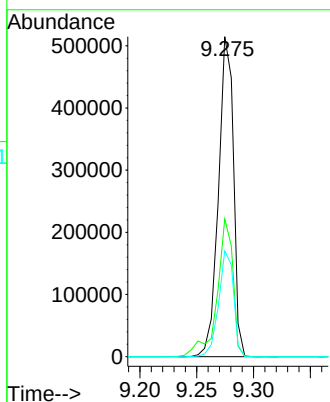
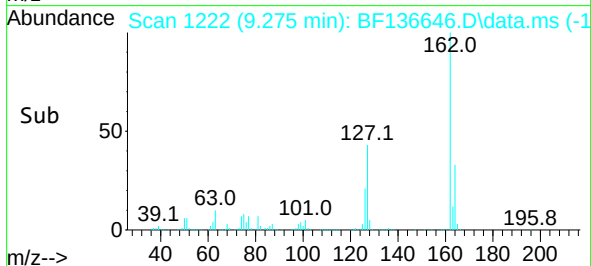
SSTDICC050



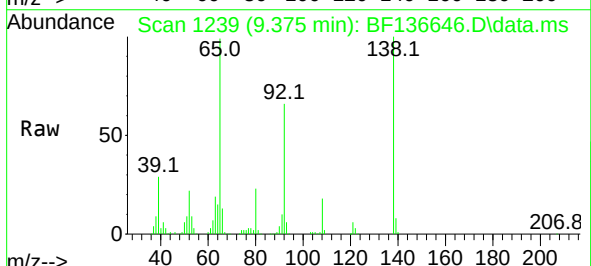
Tgt Ion:162 Resp: 47346
Ion Ratio Lower Upper
162 100
127 43.1 33.6 50.4
164 33.0 25.7 38.5

Manual Integrations
APPROVED

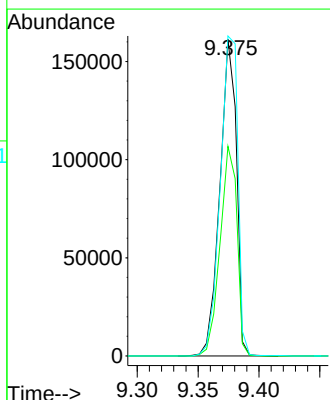
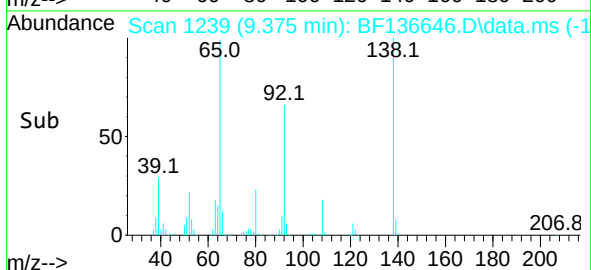
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

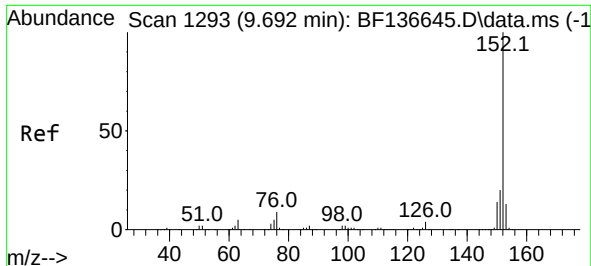


#48
2-Nitroaniline
Concen: 47.799 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03



Tgt Ion: 65 Resp: 152949
Ion Ratio Lower Upper
65 100
92 66.2 53.2 79.8
138 101.1 81.1 121.7





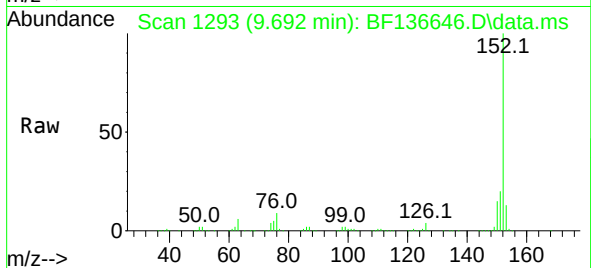
#49
Acenaphthylene
Concen: 45.982 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



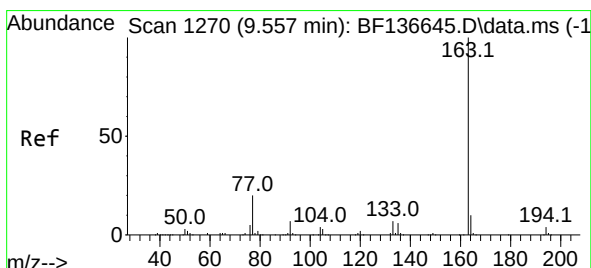
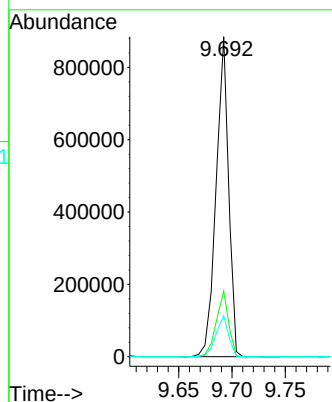
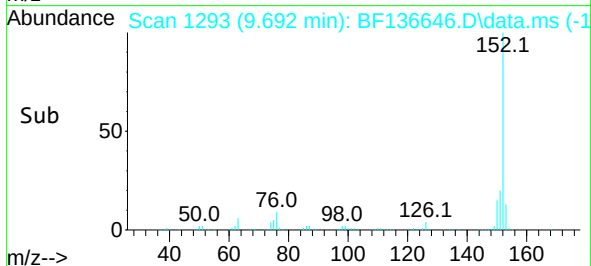
Tgt Ion:152 Resp: 718169
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 12.8 10.2 15.2

Manual Integrations

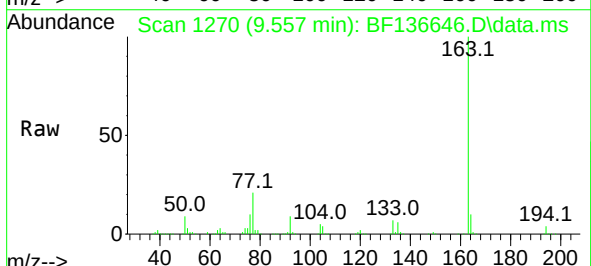
APPROVED

Reviewed By :Yogesh Patel 12/21/2023

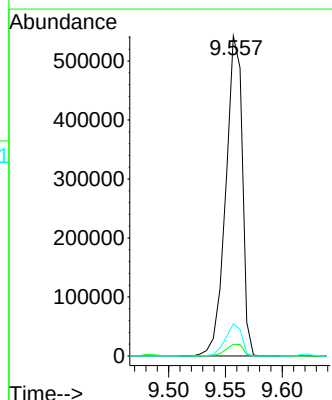
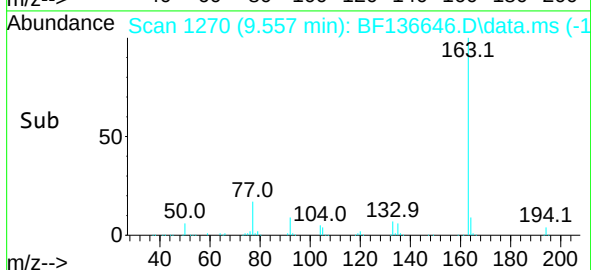
Supervised By :mohammad ahmed 12/21/2023

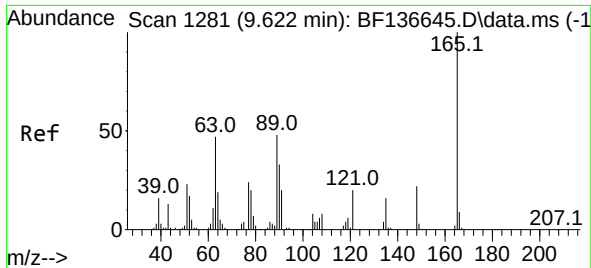


#50
Dimethylphthalate
Concen: 46.997 ng
RT: 9.557 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03



Tgt Ion:163 Resp: 549856
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.0 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 47.300 ng
RT: 9.622 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

Instrument :

BNA_F

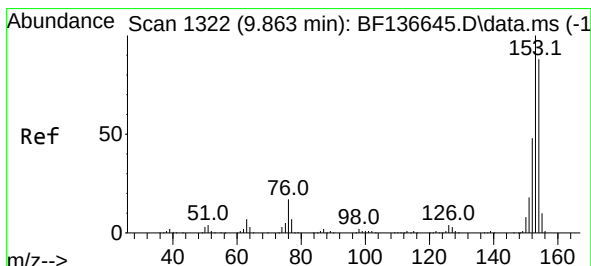
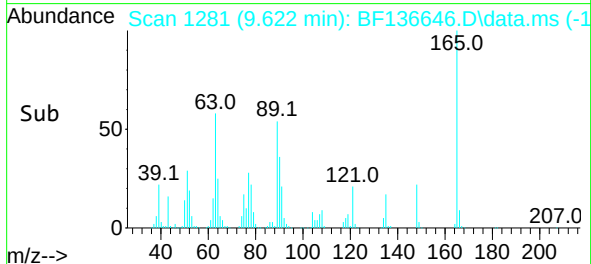
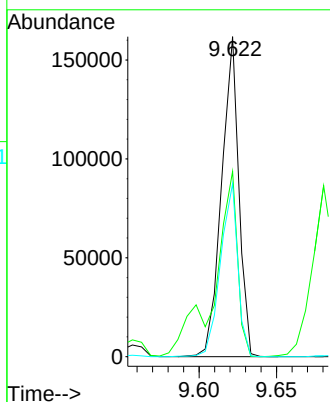
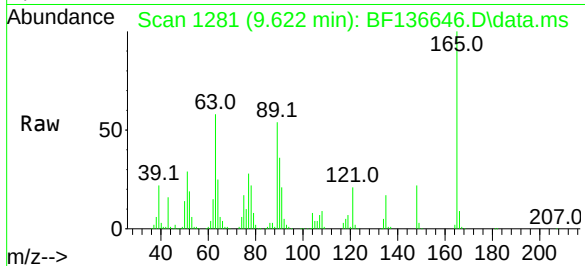
ClientSampleId :

SSTDICC050

Tgt Ion:165 Resp: 12559
Ion Ratio Lower Upper
165 100
63 57.9 39.8 59.6
89 54.1 38.8 58.2

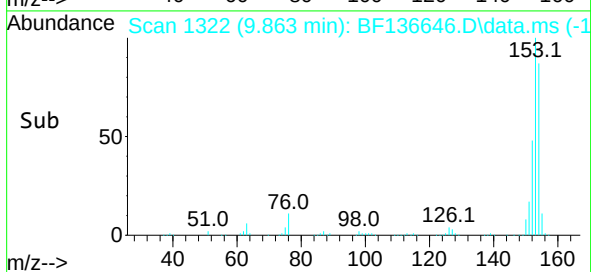
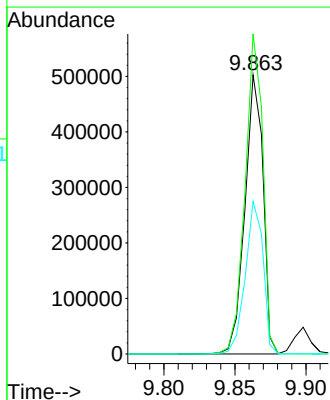
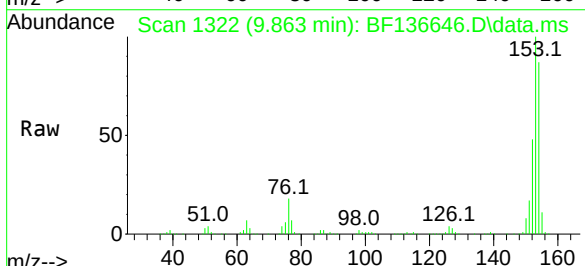
Manual Integrations
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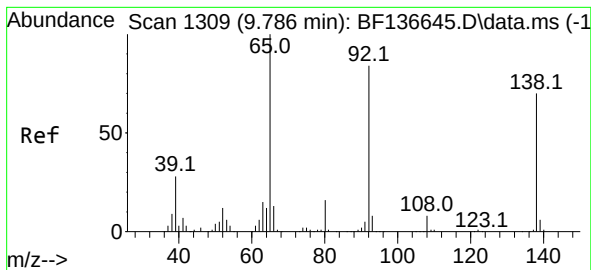
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#52
Acenaphthene
Concen: 46.130 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

Tgt Ion:154 Resp: 446614
Ion Ratio Lower Upper
154 100
153 114.7 90.7 136.1
152 54.8 43.7 65.5





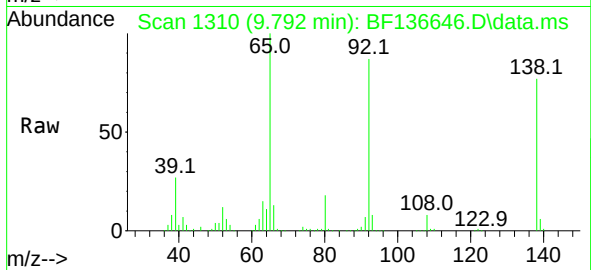
#53
3-Nitroaniline
Concen: 46.216 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.006 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



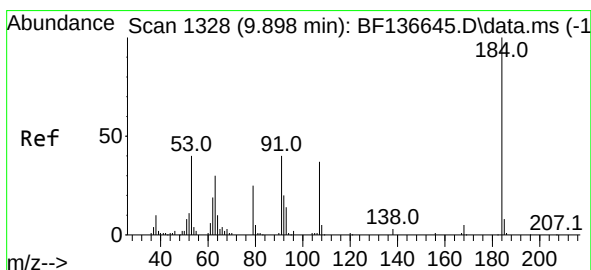
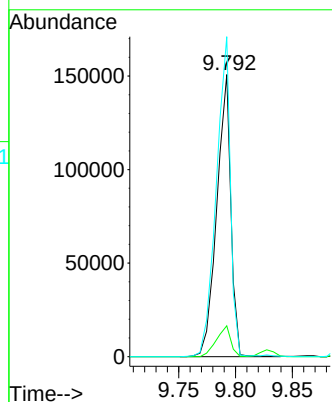
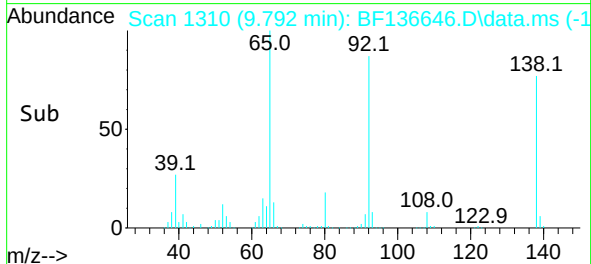
Tgt Ion:138 Resp: 129999
Ion Ratio Lower Upper
138 100
108 11.0 8.6 12.8
92 113.5 95.2 142.8

Manual Integrations

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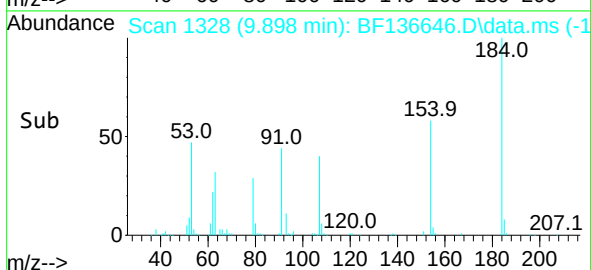
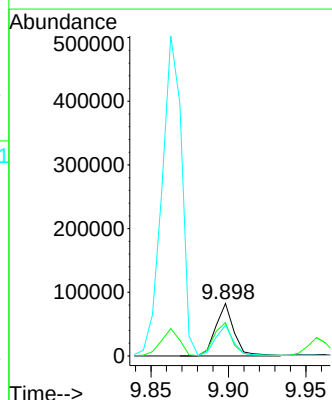
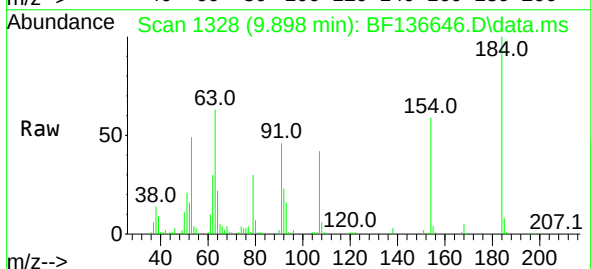
Reviewed By :Yogesh Patel 12/21/2023

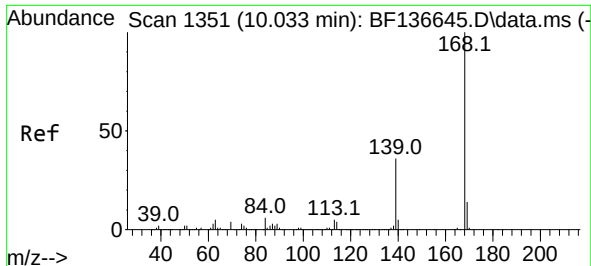
Supervised By :mohammad ahmed 12/21/2023



#54
2,4-Dinitrophenol
Concen: 47.485 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

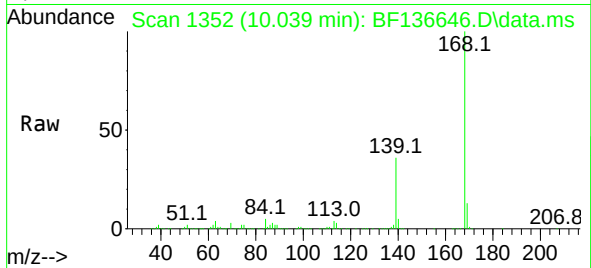
Tgt Ion:184 Resp: 67536
Ion Ratio Lower Upper
184 100
63 63.5 40.9 61.3#
154 58.6 42.7 64.1





#55
Dibenzenofuran
Concen: 45.370 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

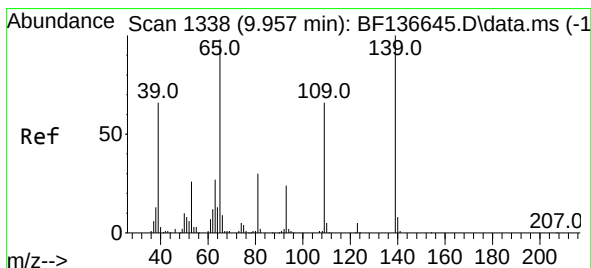
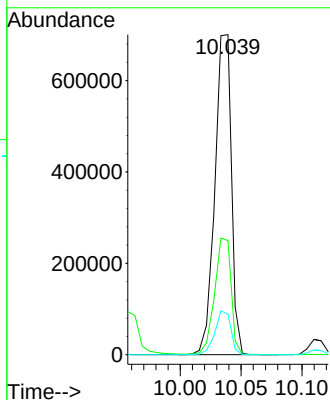
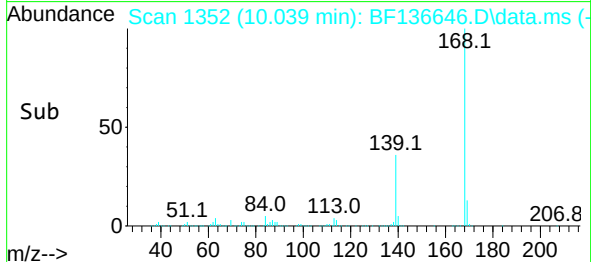
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:168 Resp: 665850
Ion Ratio Lower Upper
168 100
139 35.7 29.3 43.9
169 12.6 11.0 16.4

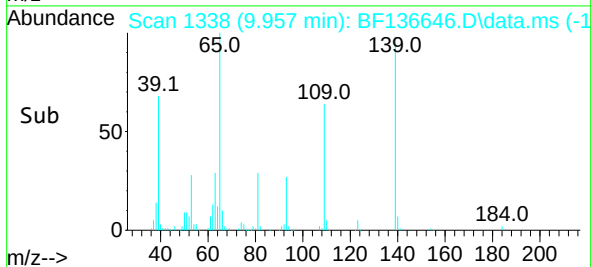
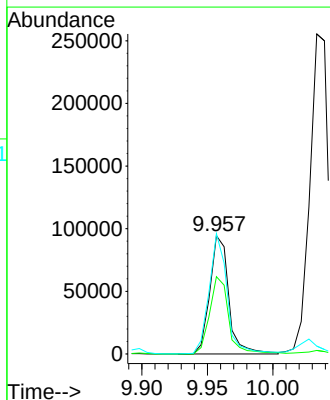
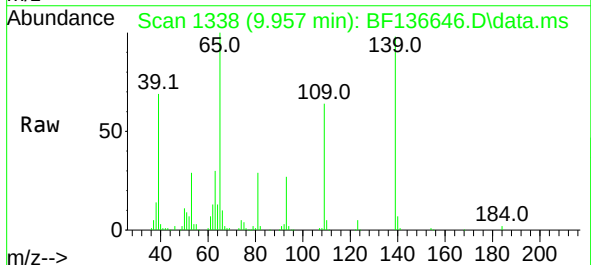
Manual Integrations
APPROVED

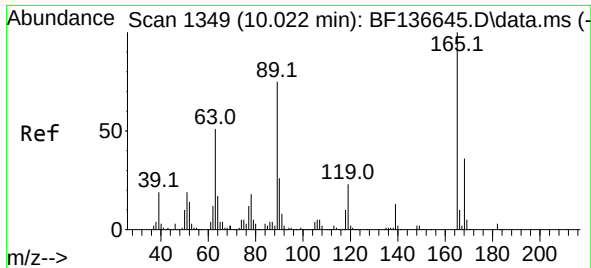
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#56
4-Nitrophenol
Concen: 50.067 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

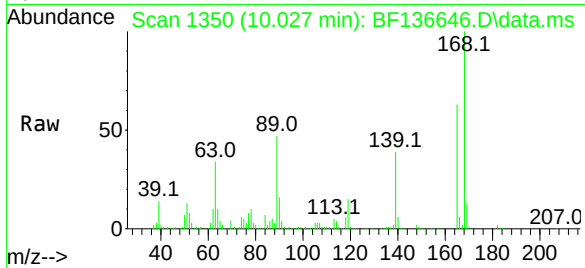
Tgt Ion:139 Resp: 95067
Ion Ratio Lower Upper
139 100
109 65.5 45.8 85.8
65 101.8 77.8 117.8





#57
2,4-Dinitrotoluene
Concen: 45.786 ng
RT: 10.027 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

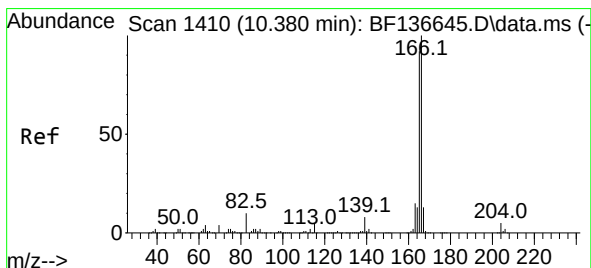
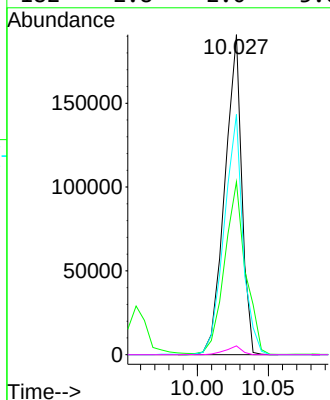
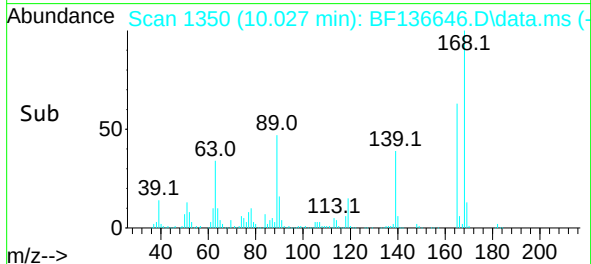
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:165 Resp: 157829
Ion Ratio Lower Upper
165 100
63 54.0 41.0 61.6
89 75.1 59.9 89.9
182 2.8 2.0 3.0

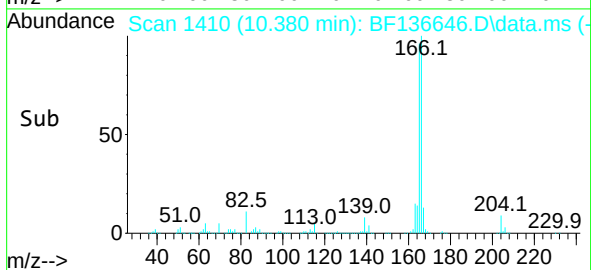
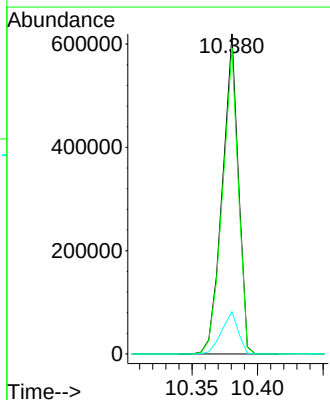
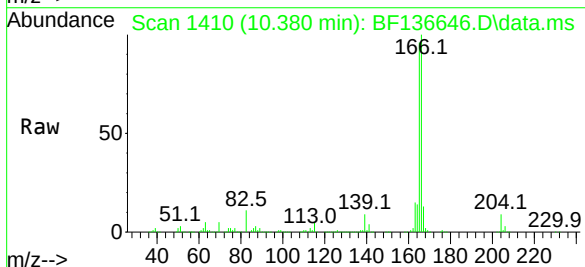
Manual Integrations
APPROVED

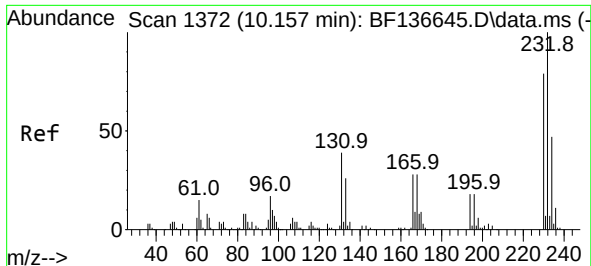
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#58
Fluorene
Concen: 45.012 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

Tgt Ion:166 Resp: 524156
Ion Ratio Lower Upper
166 100
165 95.6 73.7 110.5
167 13.2 10.4 15.6





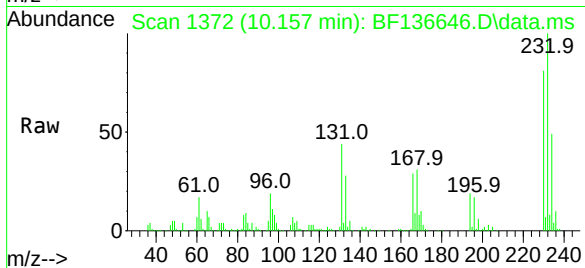
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.599 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

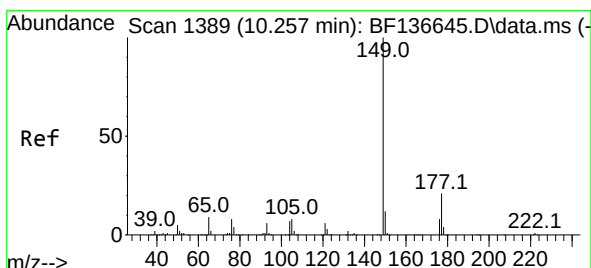
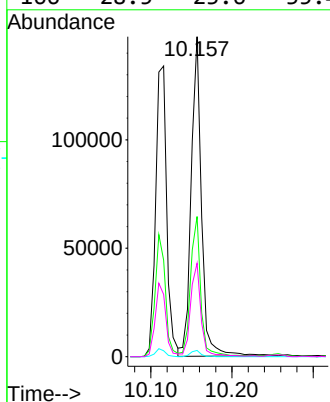
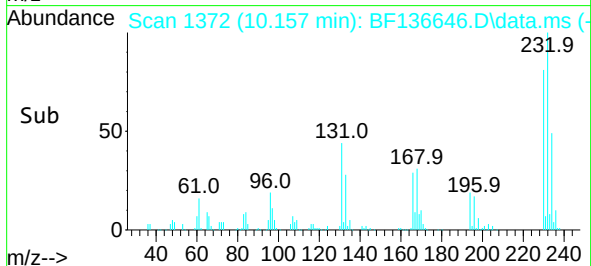


Tgt Ion:232 Resp: 130808
Ion Ratio Lower Upper
232 100
131 42.6 35.1 52.7
130 1.9 1.6 2.4
166 28.5 23.6 35.4

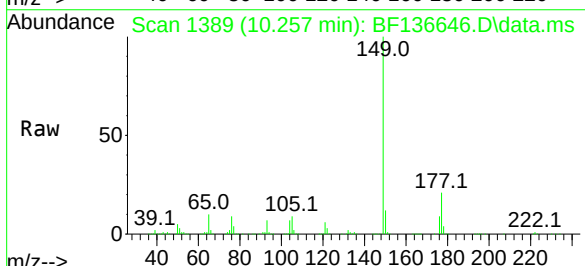
Manual Integrations

APPROVED

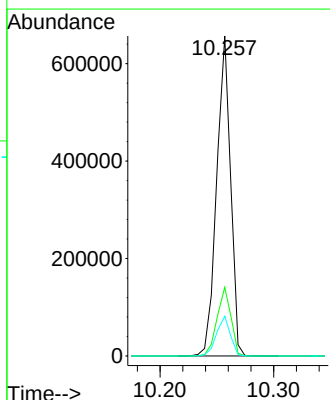
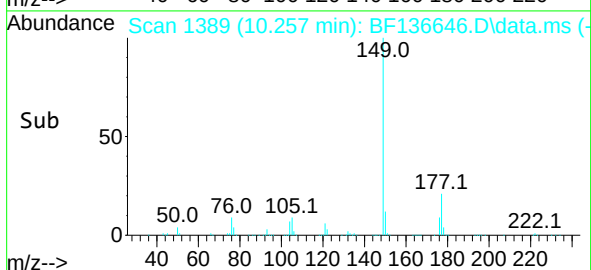
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

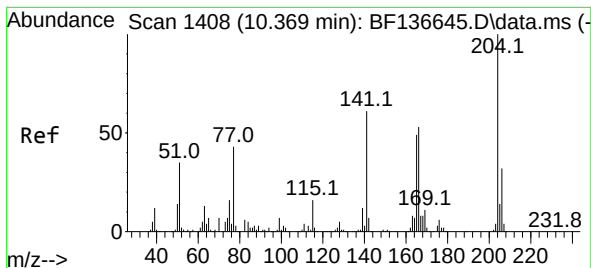


#60
Diethylphthalate
Concen: 46.033 ng
RT: 10.257 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03



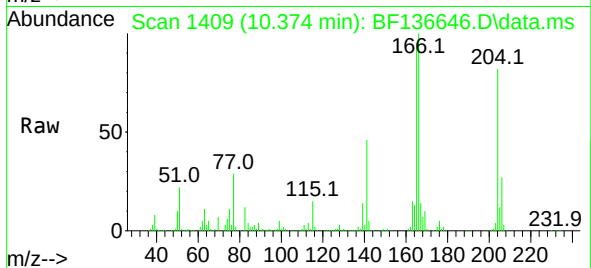
Tgt Ion:149 Resp: 558808
Ion Ratio Lower Upper
149 100
177 21.5 16.9 25.3
150 12.5 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 45.140 ng
RT: 10.374 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

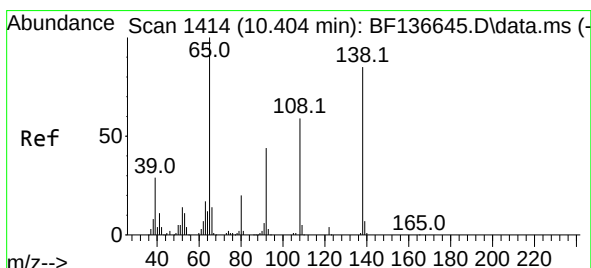
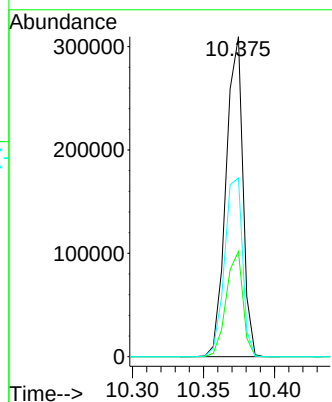
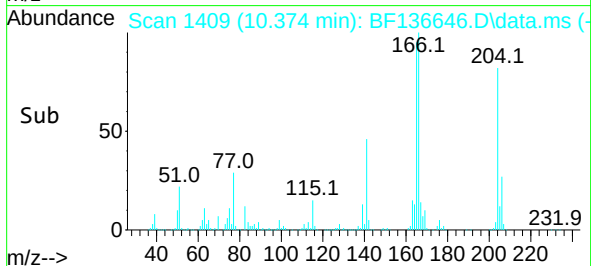
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:204 Resp: 255502
Ion Ratio Lower Upper
204 100
206 32.9 25.6 38.4
141 55.8 48.4 72.6

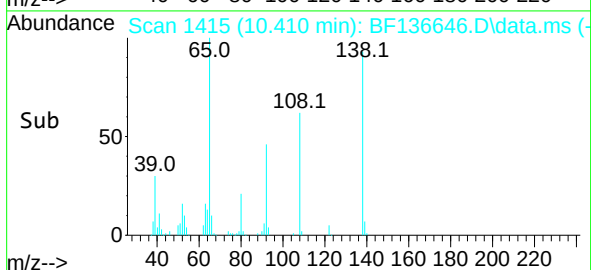
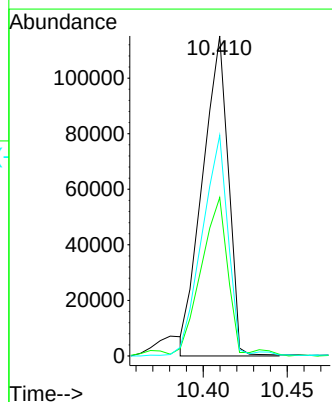
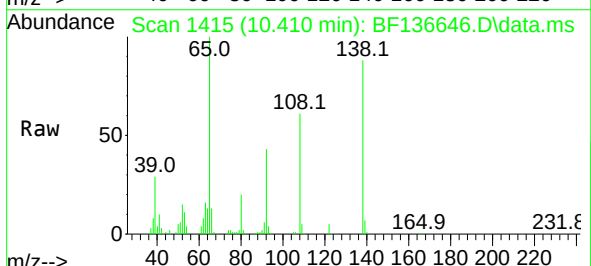
Manual Integrations
APPROVED

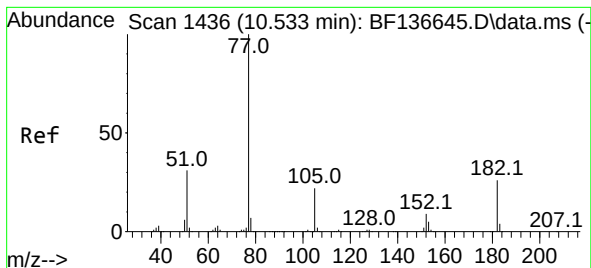
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#62
4-Nitroaniline
Concen: 44.213 ng m
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

Tgt Ion:138 Resp: 122849
Ion Ratio Lower Upper
138 100
92 49.5 32.1 72.1
108 68.9 50.1 90.1





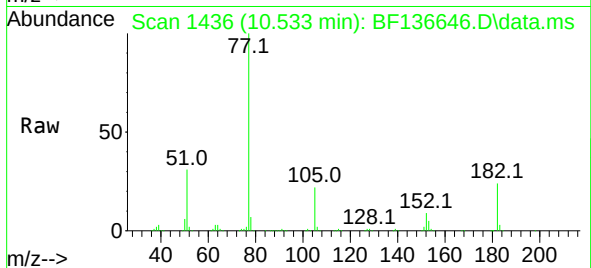
#63
Azobenzene
Concen: 46.125 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

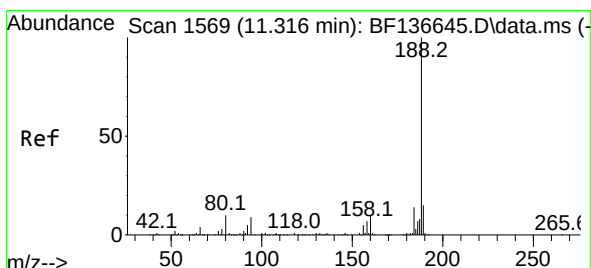
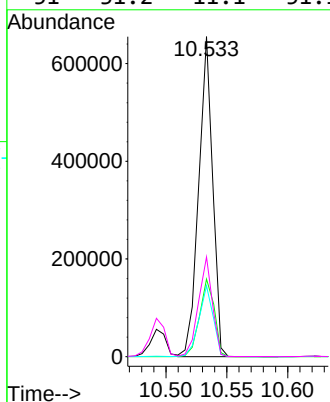
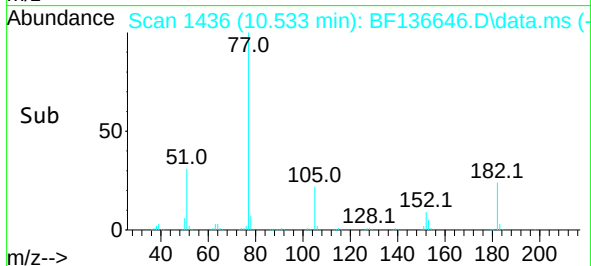


Tgt Ion: 77 Resp: 52297
Ion Ratio Lower Upper
77 100
182 24.2 6.0 46.0
105 22.2 2.3 42.3
51 31.2 11.1 51.1

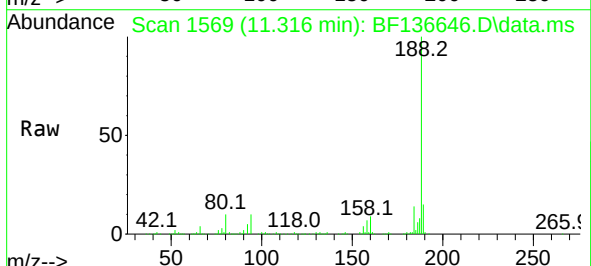
Manual Integrations

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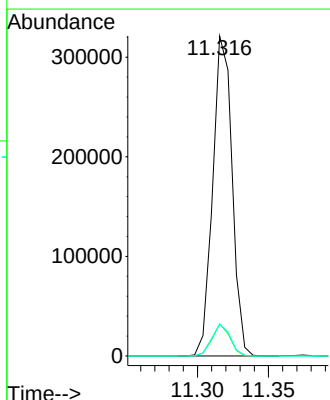
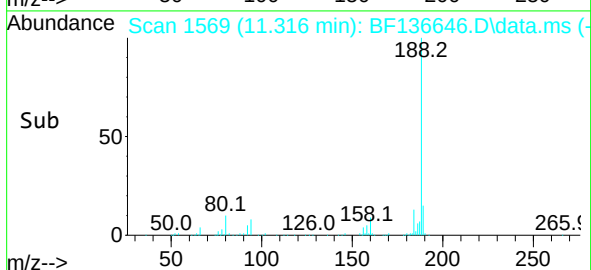
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

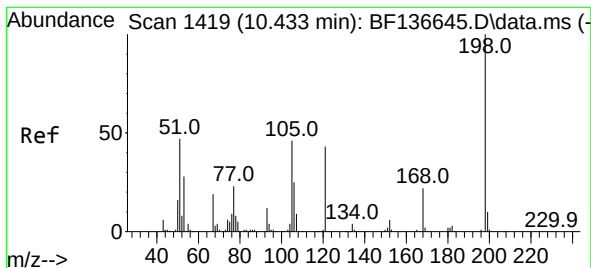


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03



Tgt Ion:188 Resp: 304555
Ion Ratio Lower Upper
188 100
94 10.0 7.5 11.3
80 9.9 8.1 12.1





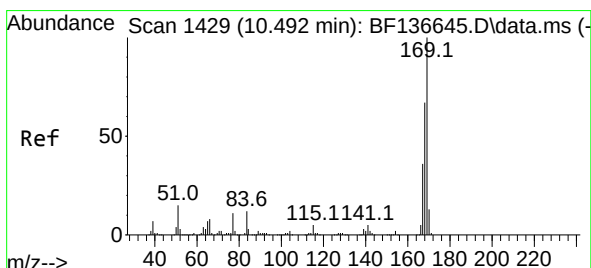
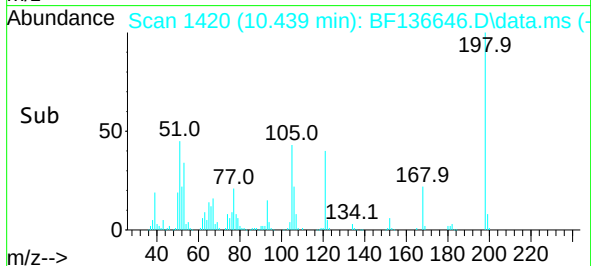
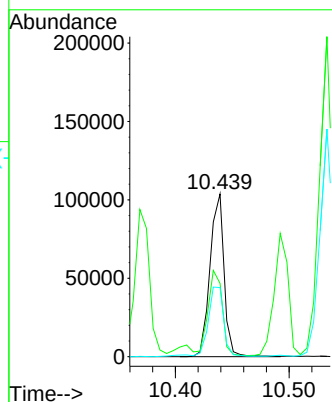
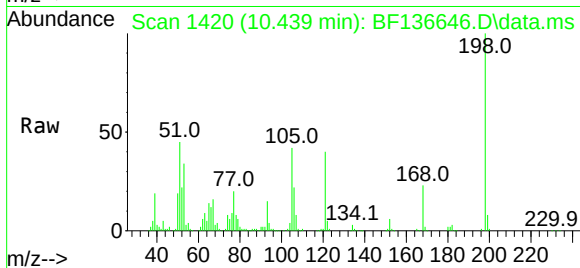
#65
4,6-Dinitro-2-methylphenol
Concen: 51.141 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 89262
Ion Ratio Lower Upper
198 100
51 45.1 34.1 74.1
105 42.5 27.3 67.3

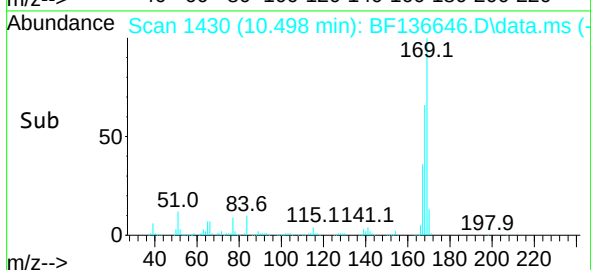
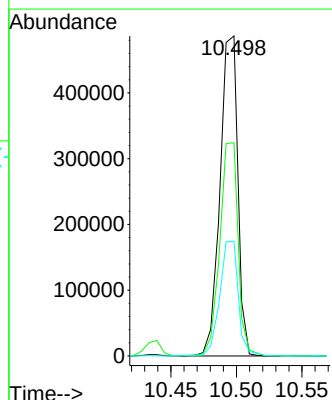
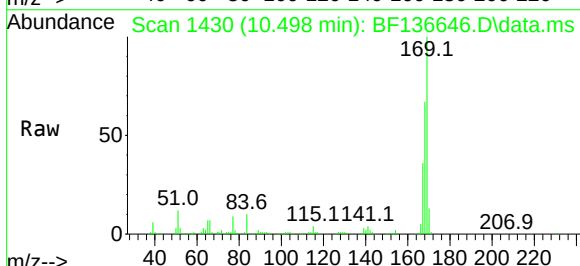
Manual Integrations
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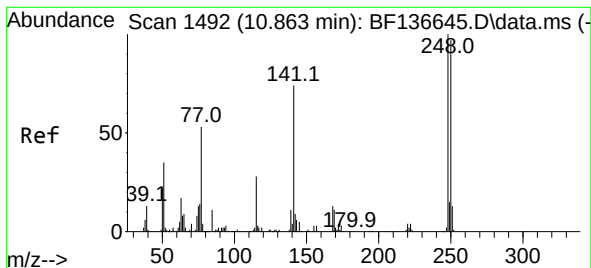
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#66
n-Nitrosodiphenylamine
Concen: 46.341 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

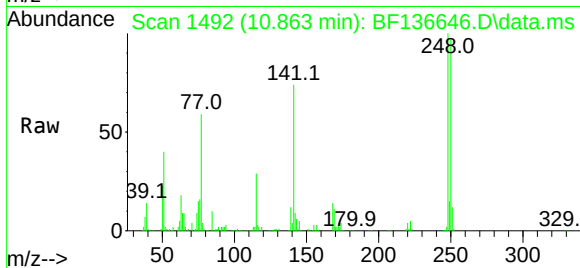
Tgt Ion:169 Resp: 458464
Ion Ratio Lower Upper
169 100
168 66.6 53.8 80.6
167 35.9 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 47.066 ng
RT: 10.863 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

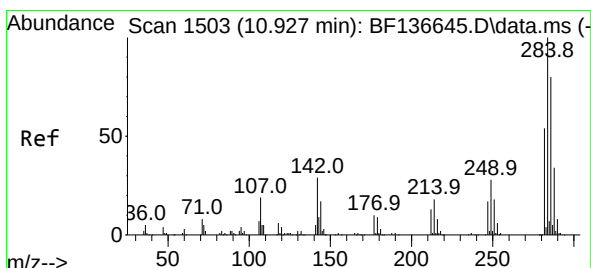
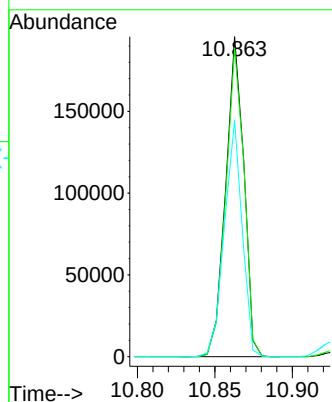
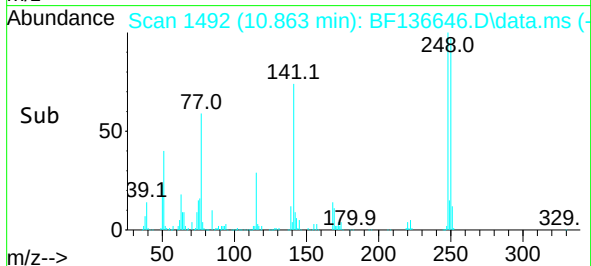
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



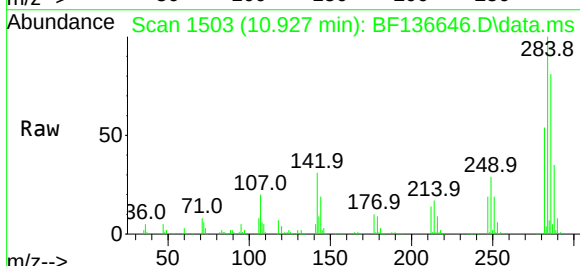
Tgt Ion:248 Resp: 15919
Ion Ratio Lower Upper
248 100
250 96.5 77.8 116.6
141 73.9 59.2 88.8

Manual Integrations
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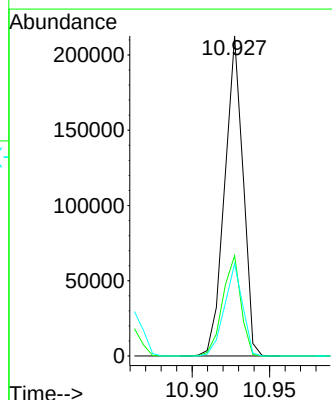
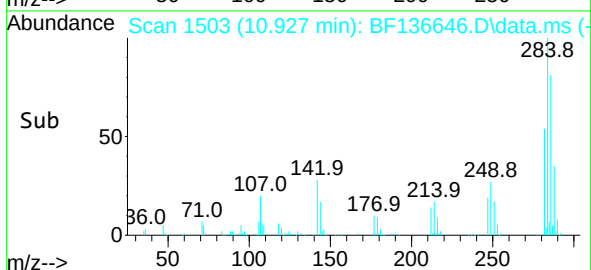
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

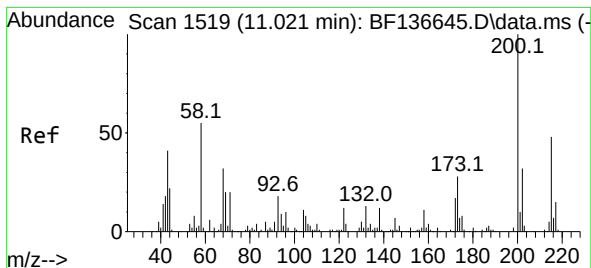


#68
Hexachlorobenzene
Concen: 46.330 ng
RT: 10.927 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03



Tgt Ion:284 Resp: 174631
Ion Ratio Lower Upper
284 100
142 31.3 23.4 35.0
249 28.8 22.3 33.5





#69

Atrazine

Concen: 41.979 ng

RT: 11.022 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF136646.D

Acq: 20 Dec 2023 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:200 Resp: 106225

Ion Ratio Lower Upper

200 100

173 28.6 7.6 47.6

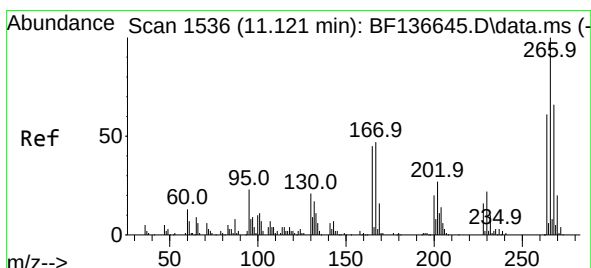
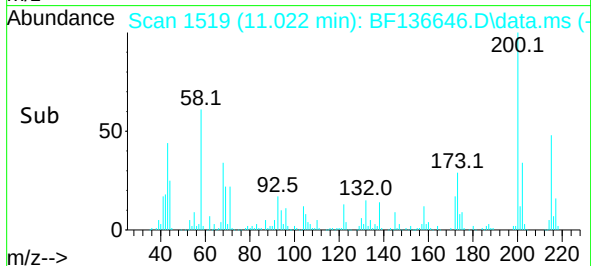
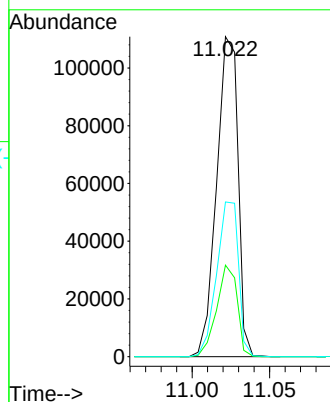
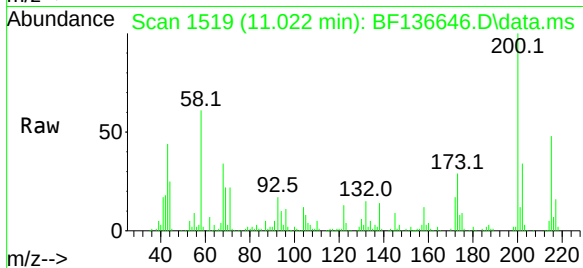
215 48.3 28.3 68.3

Manual Integrations

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Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#70

Pentachlorophenol

Concen: 51.055 ng

RT: 11.122 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF136646.D

Acq: 20 Dec 2023 13:03

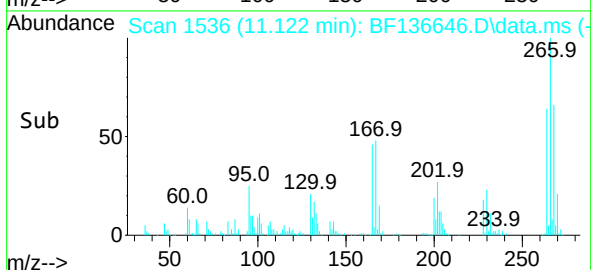
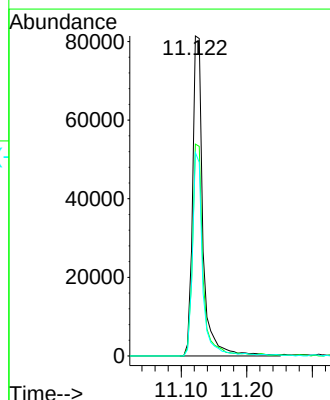
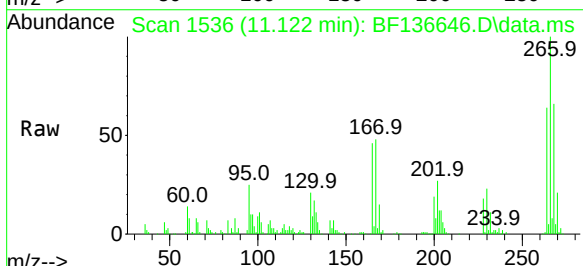
Tgt Ion:266 Resp: 89699

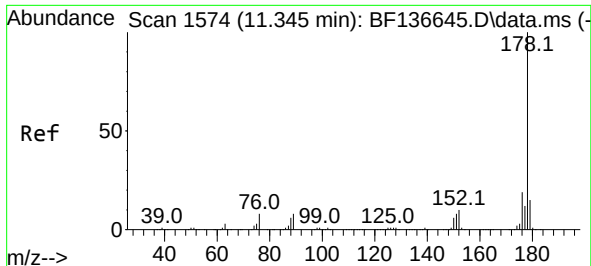
Ion Ratio Lower Upper

266 100

268 66.2 52.6 78.8

264 63.6 49.0 73.4





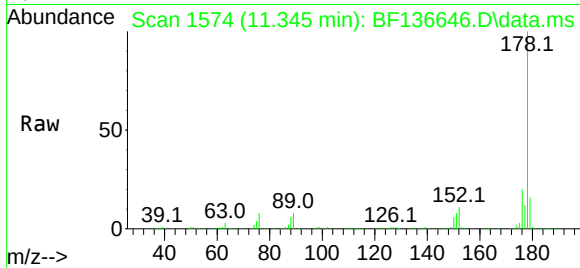
#71
Phenanthrene
Concen: 45.842 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

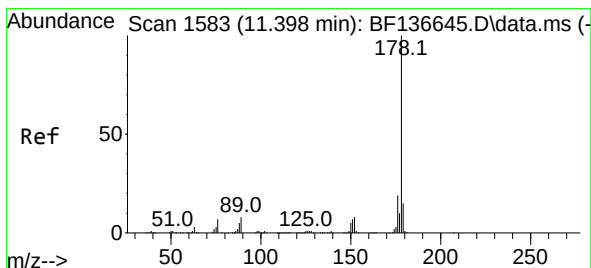
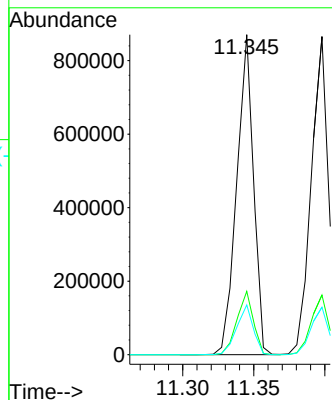
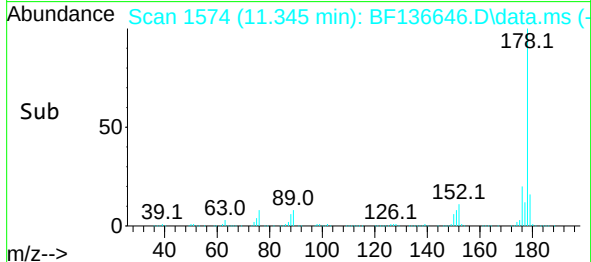


Tgt Ion:178 Resp: 716379
Ion Ratio Lower Upper
178 100
176 19.8 15.3 22.9
179 15.5 11.9 17.9

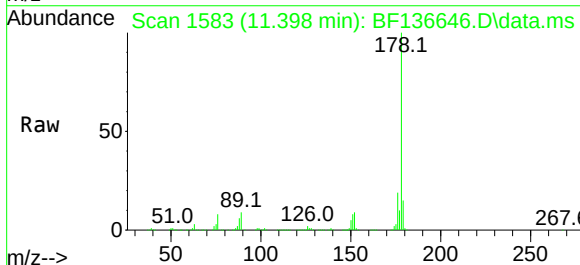
Manual Integrations

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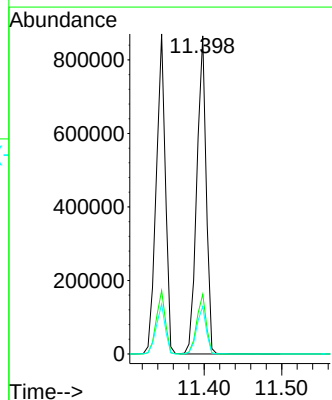
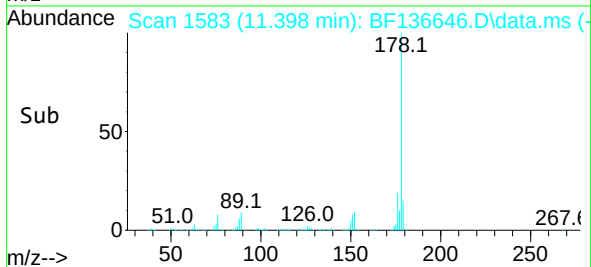
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

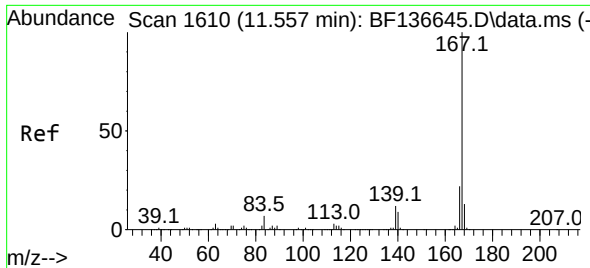


#72
Anthracene
Concen: 45.846 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03



Tgt Ion:178 Resp: 725560
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.0 11.8 17.6





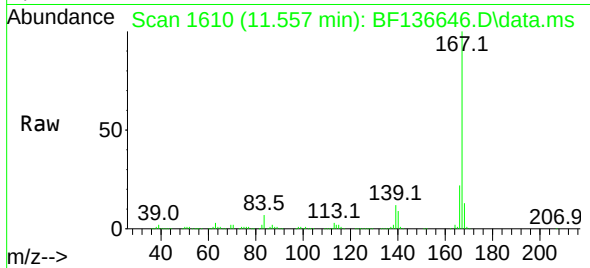
#73
 Carbazole
 Concen: 45.888 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. 0.000 min
 Lab File: BF136646.D
 Acq: 20 Dec 2023 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

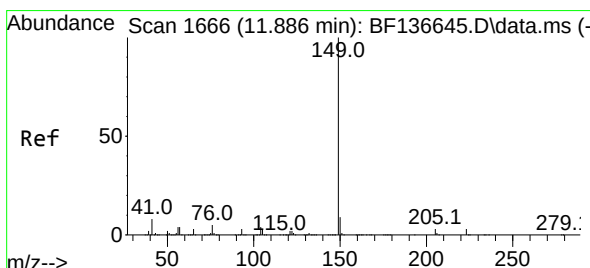
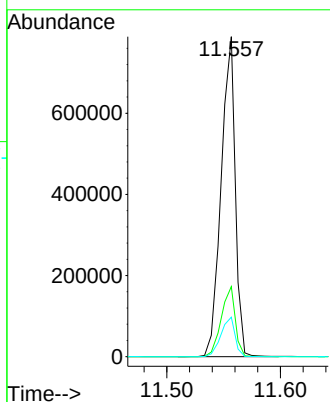
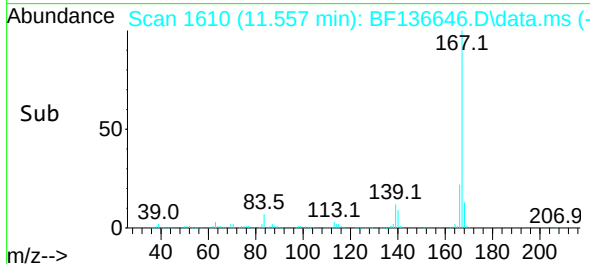


Tgt Ion:167 Resp: 68469
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.3 25.9
 139 12.3 9.8 14.6

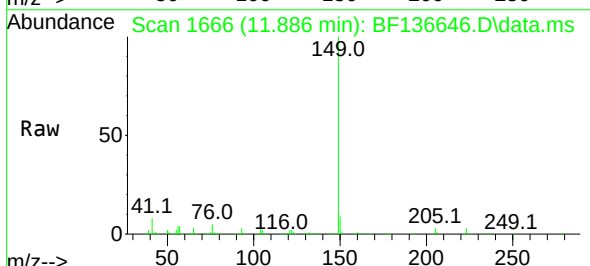
Manual Integrations

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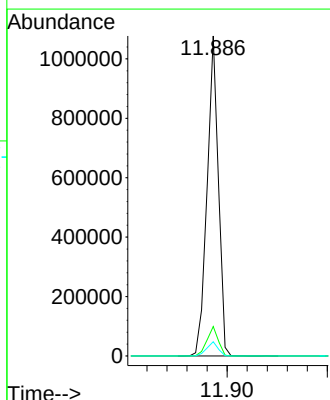
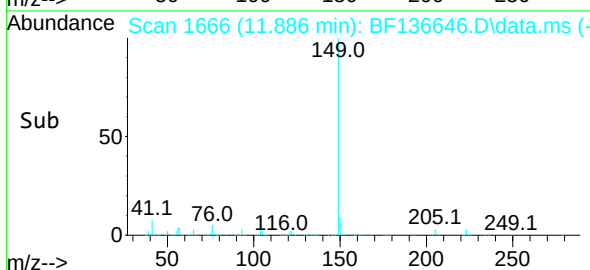
Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023

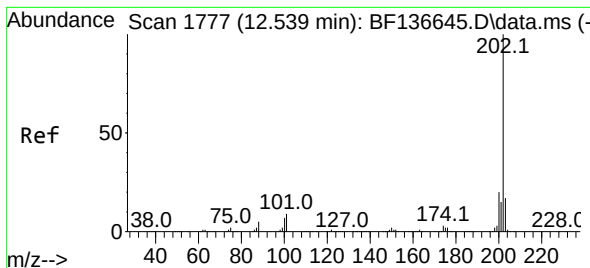


#74
 Di-n-butylphthalate
 Concen: 46.354 ng
 RT: 11.886 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: BF136646.D
 Acq: 20 Dec 2023 13:03



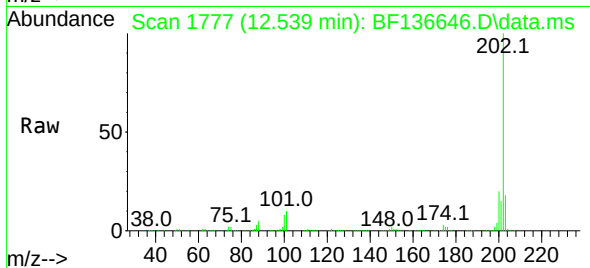
Tgt Ion:149 Resp: 843983
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.5 3.6 5.4





#75
Fluoranthene
Concen: 44.755 ng
RT: 12.539 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

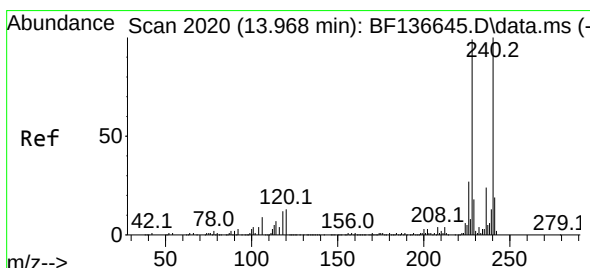
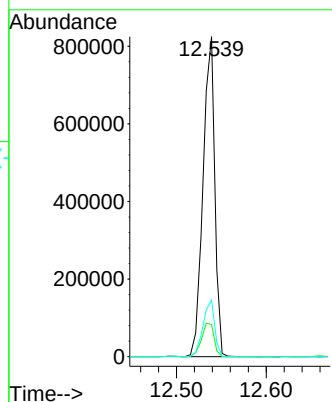
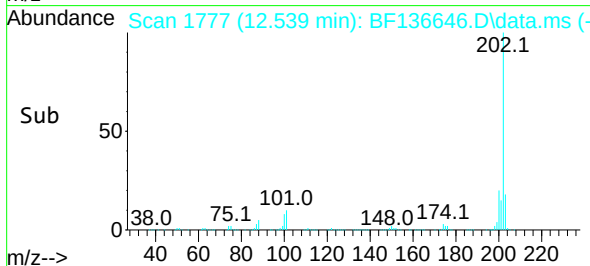
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:202 Resp: 748104
Ion Ratio Lower Upper
202 100
101 10.0 0.0 29.3
203 17.7 0.0 37.1

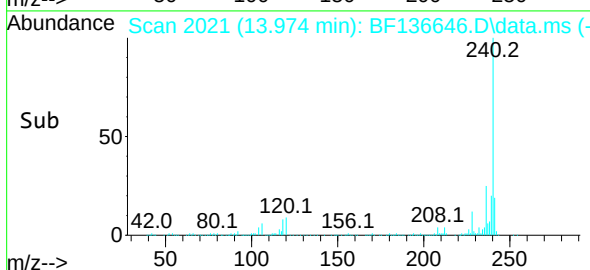
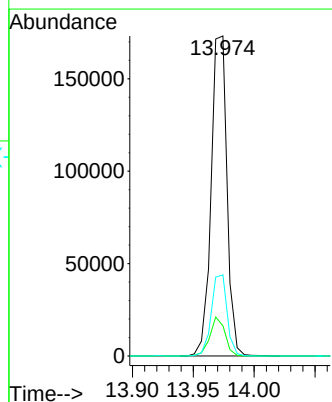
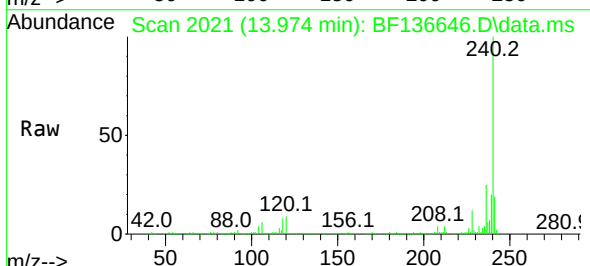
Manual Integrations
APPROVED

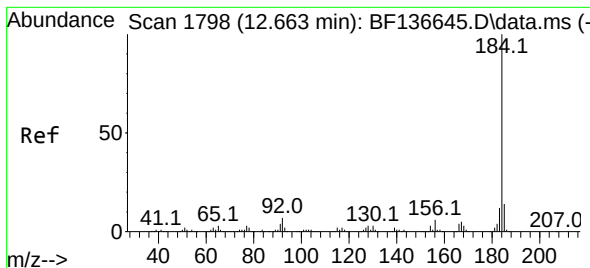
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

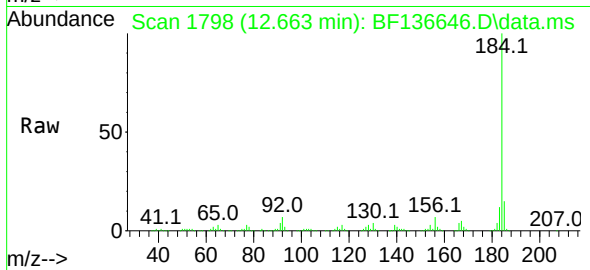
Tgt Ion:240 Resp: 157547
Ion Ratio Lower Upper
240 100
120 9.4 10.3 15.5#
236 25.3 19.4 29.2





#77
Benzidine
Concen: 47.123 ng
RT: 12.663 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

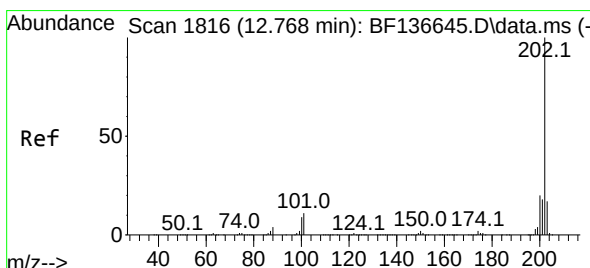
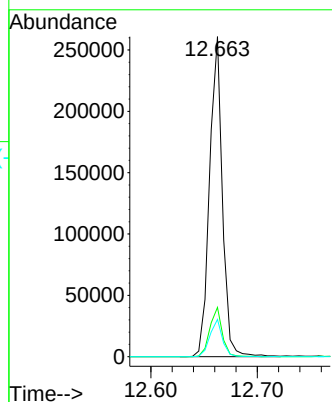
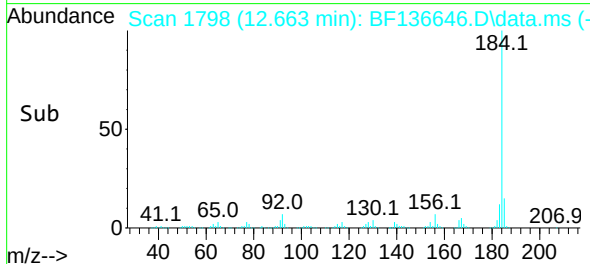
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



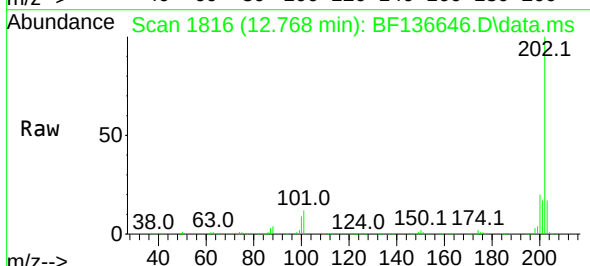
Tgt Ion:184 Resp: 218900
Ion Ratio Lower Upper
184 100
185 15.4 11.2 16.8
183 11.6 9.3 13.9

Manual Integrations
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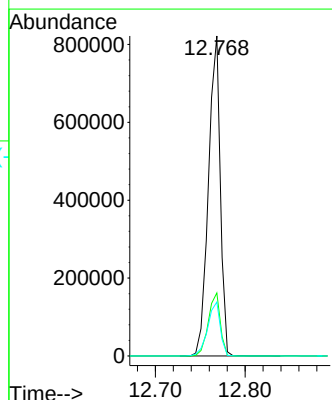
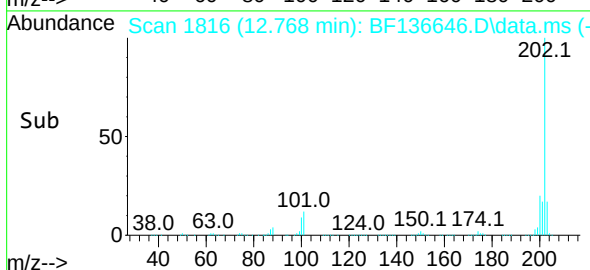
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

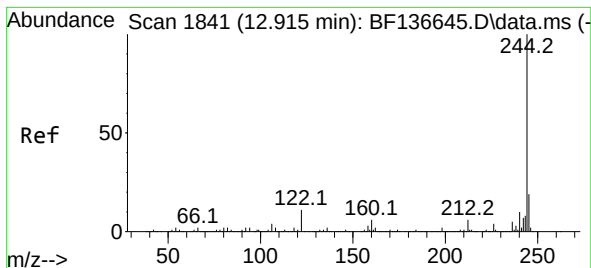


#78
Pyrene
Concen: 48.592 ng
RT: 12.768 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03



Tgt Ion:202 Resp: 751511
Ion Ratio Lower Upper
202 100
200 19.7 15.9 23.9
203 16.9 13.8 20.6





#79

Terphenyl-d14

Concen: 94.159 ng

RT: 12.916 min Scan# 1841

Delta R.T. 0.000 min

Lab File: BF136646.D

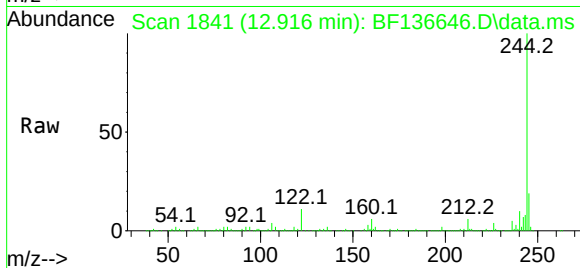
Acq: 20 Dec 2023 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:244 Resp: 1061529

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

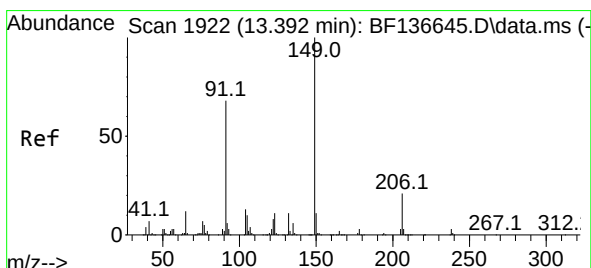
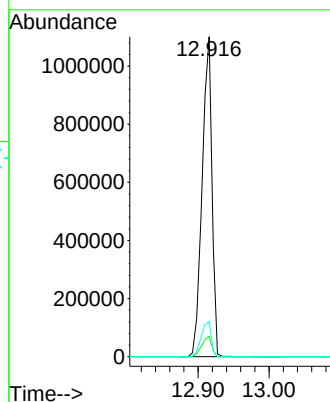
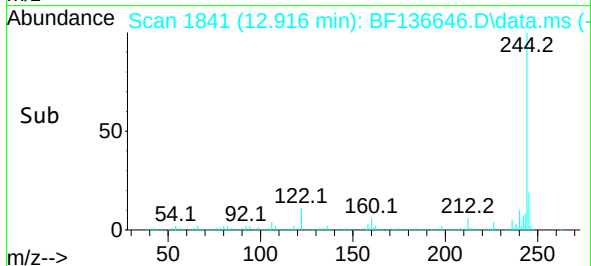
122 11.0 9.0 13.4

Manual Integrations

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Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#80

Butylbenzylphthalate

Concen: 48.864 ng

RT: 13.392 min Scan# 1922

Delta R.T. 0.000 min

Lab File: BF136646.D

Acq: 20 Dec 2023 13:03

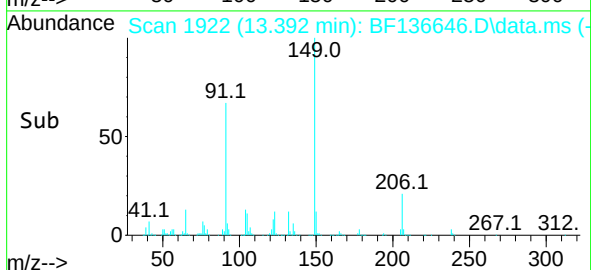
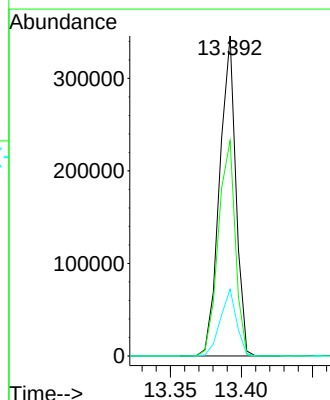
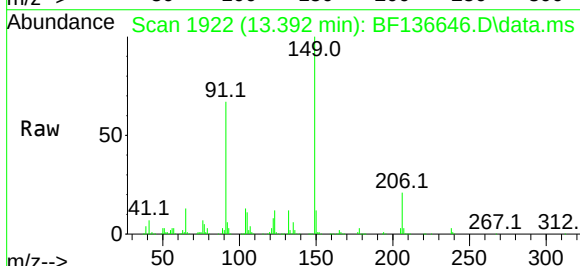
Tgt Ion:149 Resp: 274989

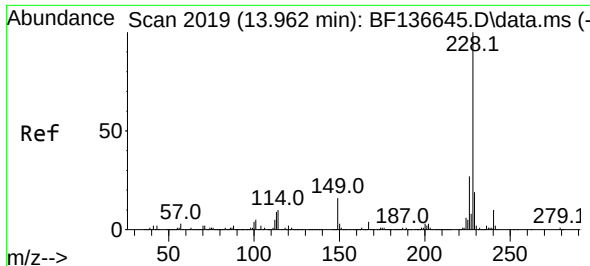
Ion Ratio Lower Upper

149 100

91 67.3 54.1 81.1

206 20.9 17.1 25.7





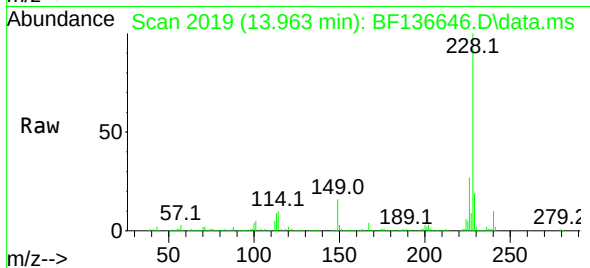
#81
Benzo(a)anthracene
Concen: 46.666 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

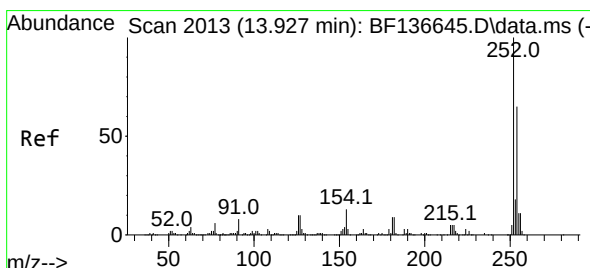
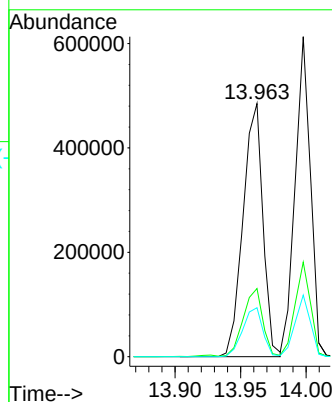
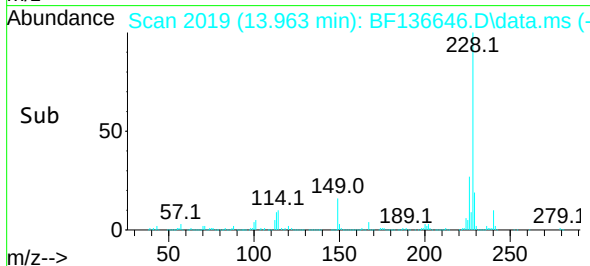


Tgt Ion:228 Resp: 510518
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.0
229 19.3 14.9 22.3

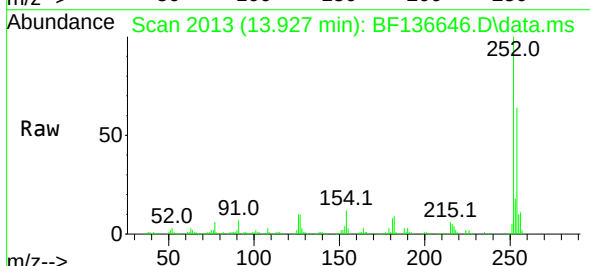
Manual Integrations

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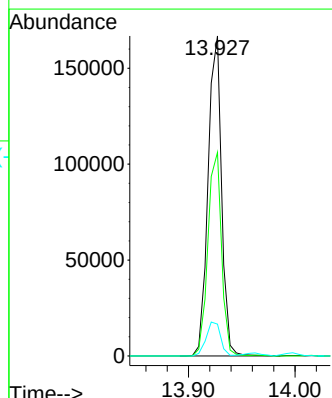
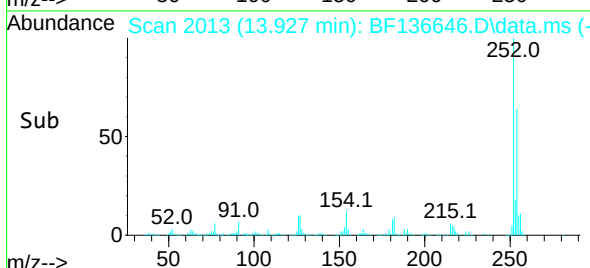
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

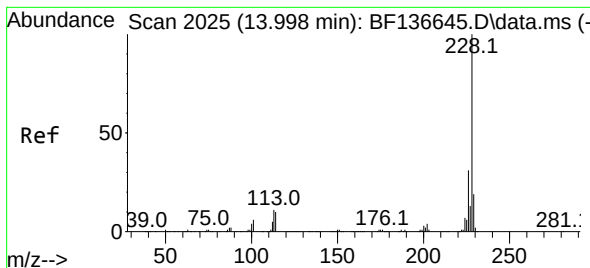


#82
3,3'-Dichlorobenzidine
Concen: 47.395 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03



Tgt Ion:252 Resp: 147248
Ion Ratio Lower Upper
252 100
254 63.6 52.2 78.4
126 9.9 8.0 12.0





#83

Chrysene

Concen: 46.452 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF136646.D

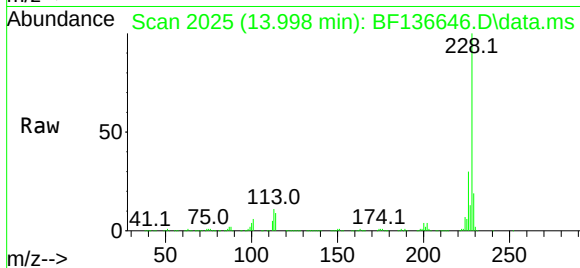
Acq: 20 Dec 2023 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



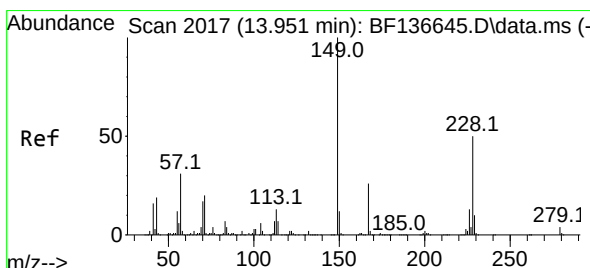
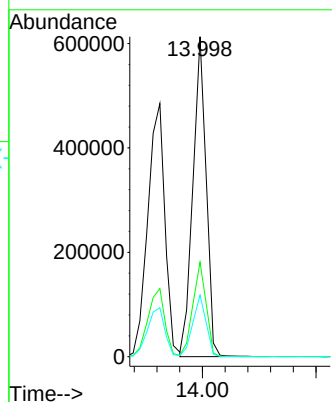
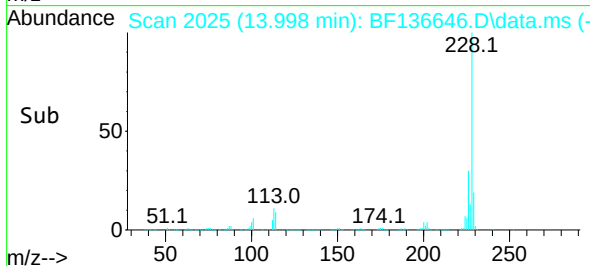
Tgt Ion:	228	Resp:	496944
Ion Ratio	Lower	Upper	
228	100		
226	29.5	24.7	37.1
229	19.2	15.4	23.0

Manual Integrations

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Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.540 ng

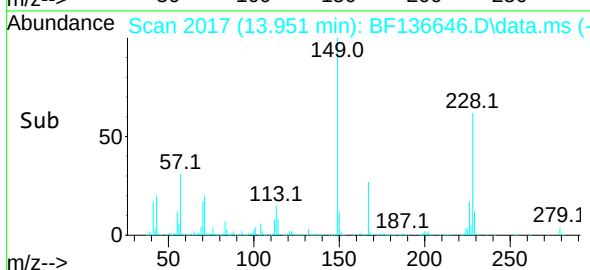
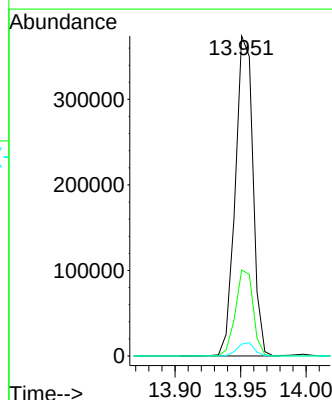
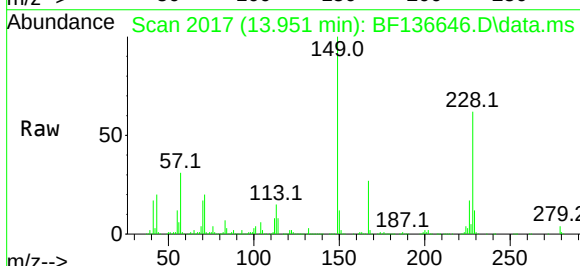
RT: 13.951 min Scan# 2017

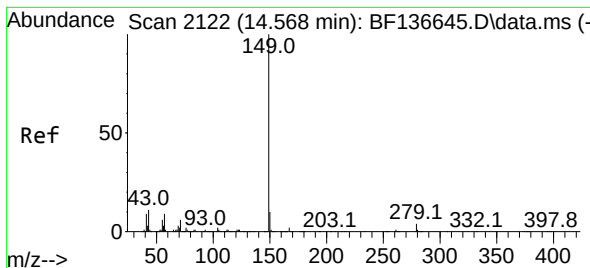
Delta R.T. 0.000 min

Lab File: BF136646.D

Acq: 20 Dec 2023 13:03

Tgt Ion:	149	Resp:	350767
Ion Ratio	Lower	Upper	
149	100		
167	26.8	20.9	31.3
279	3.7	2.9	4.3





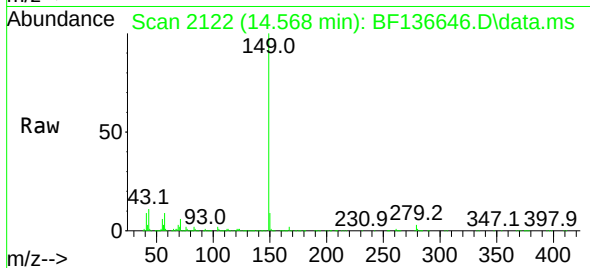
#85
Di-n-octyl phthalate
Concen: 51.216 ng
RT: 14.568 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



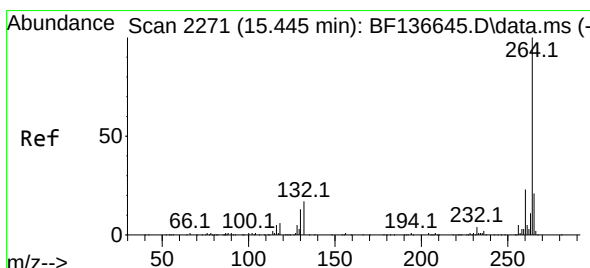
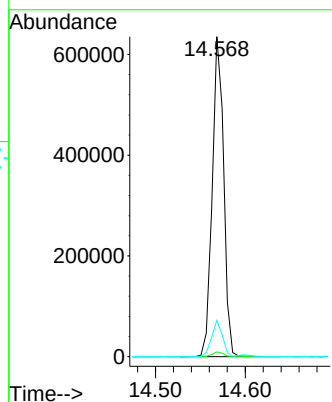
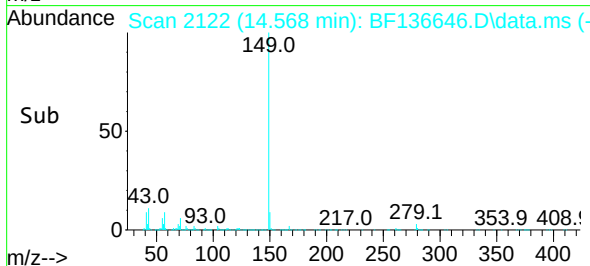
Tgt Ion:149 Resp: 56095
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.8 8.9 13.3

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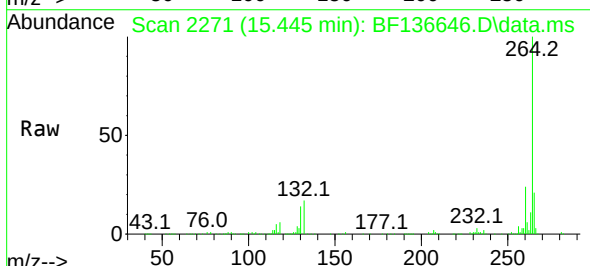
APPROVED

Reviewed By :Yogesh Patel 12/21/2023

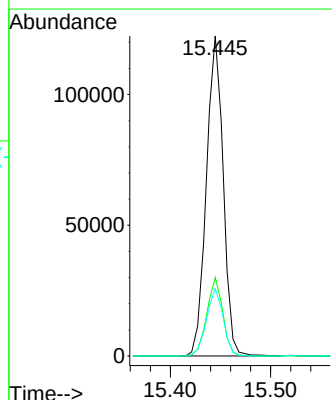
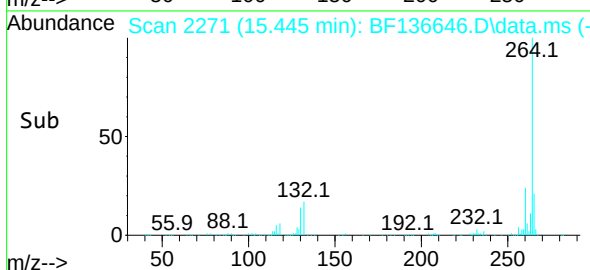
Supervised By :mohammad ahmed 12/21/2023

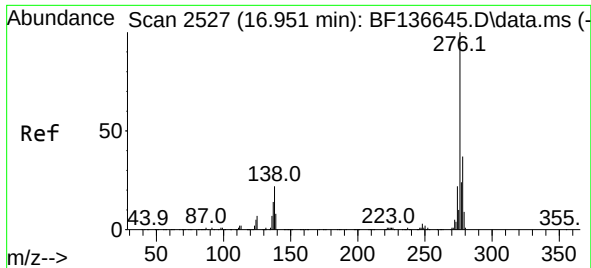


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03



Tgt Ion:264 Resp: 143096
Ion Ratio Lower Upper
264 100
260 24.5 18.3 27.5
265 21.0 17.0 25.6





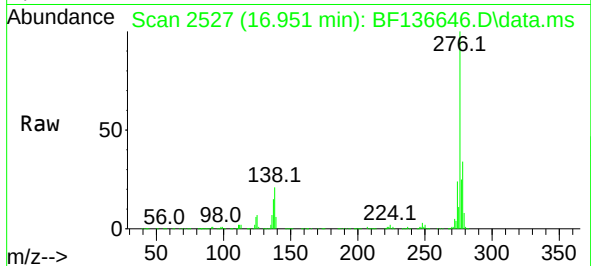
#87
Indeno(1,2,3-cd)pyrene
Concen: 51.346 ng
RT: 16.951 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

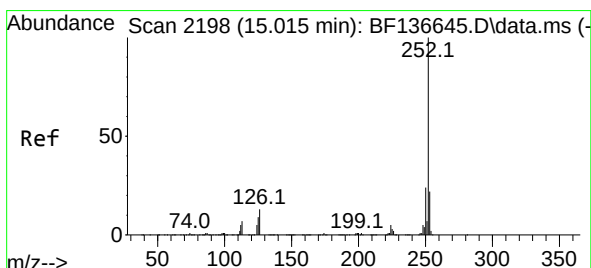
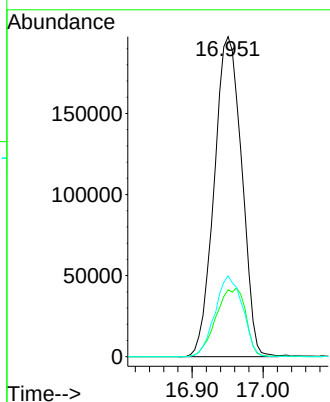
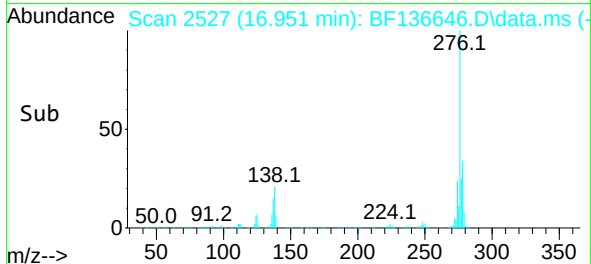


Tgt Ion:276 Resp: 53049
Ion Ratio Lower Upper
276 100
138 23.2 18.7 28.1
277 25.4 20.2 30.2

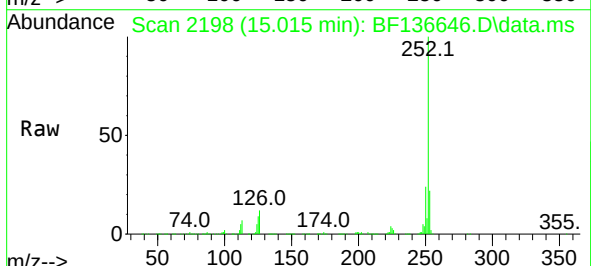
Manual Integrations

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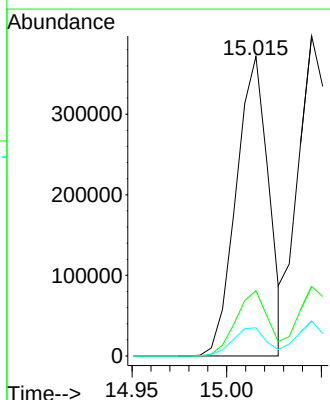
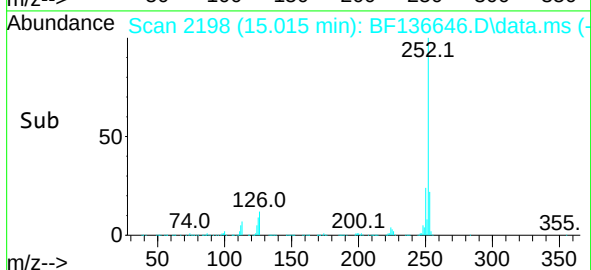
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

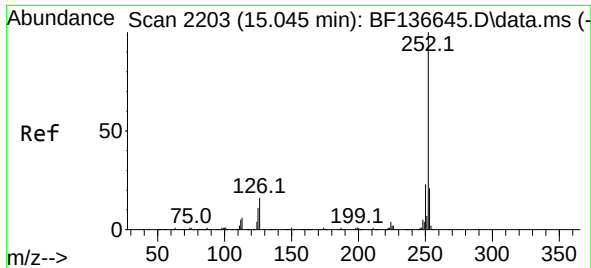


#88
Benzo(b)fluoranthene
Concen: 46.323 ng
RT: 15.015 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03



Tgt Ion:252 Resp: 442728
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 9.4 7.4 11.2





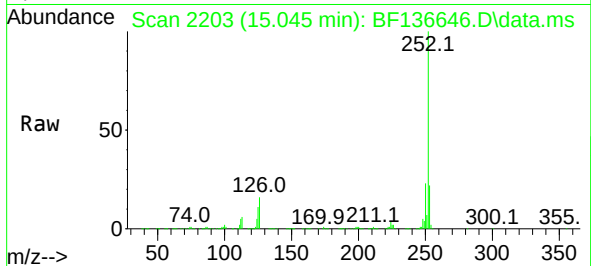
#89
Benzo(k)fluoranthene
Concen: 47.278 ng
RT: 15.045 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

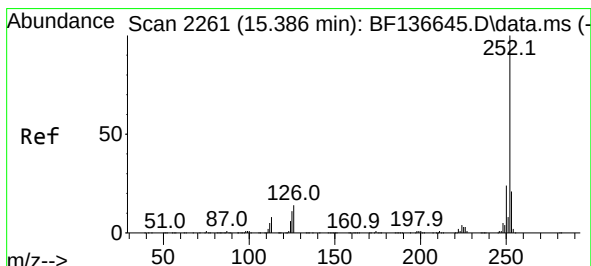
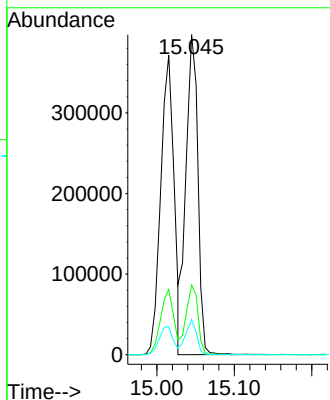
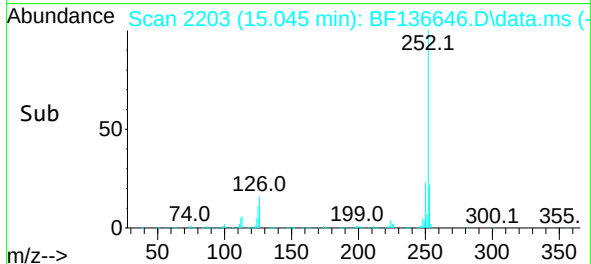


Tgt Ion:252 Resp: 426825
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 11.0 8.2 12.4

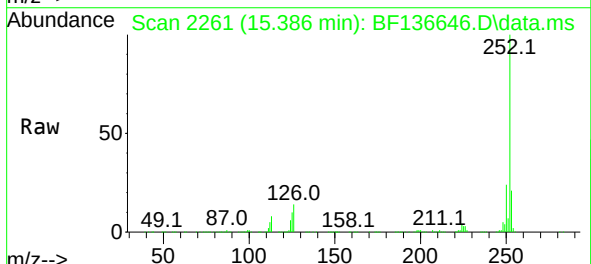
Manual Integrations

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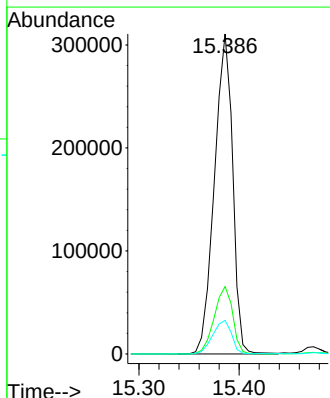
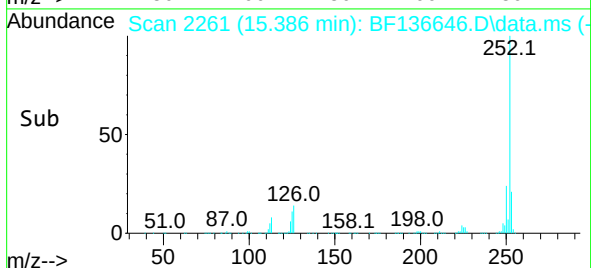
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

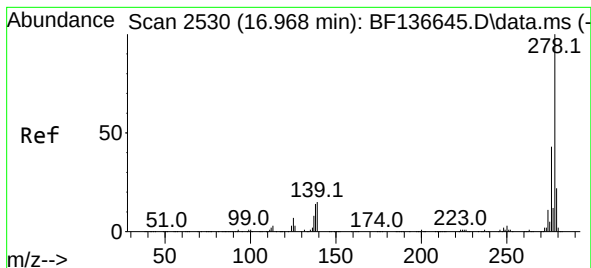


#90
Benzo(a)pyrene
Concen: 48.525 ng
RT: 15.386 min Scan# 2261
Delta R.T. 0.000 min
Lab File: BF136646.D
Acq: 20 Dec 2023 13:03



Tgt Ion:252 Resp: 391481
Ion Ratio Lower Upper
252 100
253 21.1 17.0 25.6
125 10.5 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 50.858 ng

RT: 16.974 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136646.D

Acq: 20 Dec 2023 13:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:278 Resp: 43108

Ion Ratio Lower Upper

278 100

139 14.4 12.2 18.4

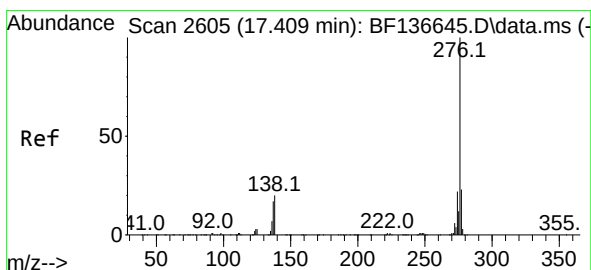
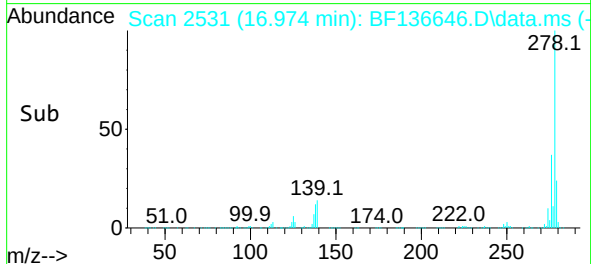
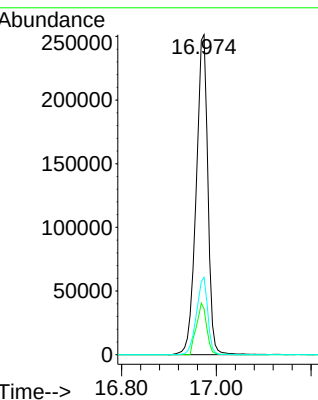
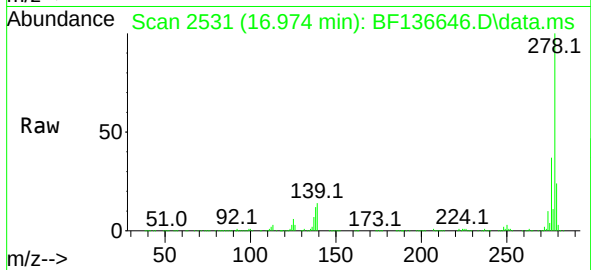
279 24.1 17.8 26.6

Manual Integrations

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Reviewed By :Yogesh Patel 12/21/2023

Supervised By :mohammad ahmed 12/21/2023



#92

Benzo(g,h,i)perylene

Concen: 52.157 ng

RT: 17.409 min Scan# 2605

Delta R.T. 0.000 min

Lab File: BF136646.D

Acq: 20 Dec 2023 13:03

Tgt Ion:276 Resp: 452794

Ion Ratio Lower Upper

276 100

277 22.9 18.3 27.5

138 20.4 15.6 23.4

