

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
 Data File : BF136760.D
 Acq On : 27 Dec 2023 16:14
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/28/2023
 Supervised By :mohammad ahmed 12/28/2023

Quant Time: Dec 27 22:41:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	80036	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	290947	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	144345	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	267920	20.000	ng	0.00
76) Chrysene-d12	13.968	240	151305	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	146523	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	415306	80.963	ng	0.00
7) Phenol-d6	6.439	99	513118	77.199	ng	0.00
23) Nitrobenzene-d5	7.351	82	471002	82.839	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	132885	78.168	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	880774	82.069	ng	0.00
79) Terphenyl-d14	12.910	244	834930	77.115	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.534	88	82194	38.457	ng	98
3) Pyridine	3.299	79	210436	40.354	ng	97
4) n-Nitrosodimethylamine	3.269	42	112900	40.542	ng	96
6) Aniline	6.457	93	245406	36.929	ng	92
8) 2-Chlorophenol	6.575	128	222884	39.705	ng	98
9) Benzaldehyde	6.340	77	145201	38.407	ng	98
10) Phenol	6.451	94	274797	38.729	ng	93
11) bis(2-Chloroethyl)ether	6.528	93	206412	38.253	ng	99
12) 1,3-Dichlorobenzene	6.728	146	246265	40.215	ng	97
13) 1,4-Dichlorobenzene	6.804	146	246493	39.395	ng	98
14) 1,2-Dichlorobenzene	6.957	146	229389	39.398	ng	99
15) Benzyl Alcohol	6.934	79	176149	39.283	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	323652	36.687	ng	98
17) 2-Methylphenol	7.051	107	173159	37.236	ng	96
18) Hexachloroethane	7.292	117	89948	39.583	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	147301	36.559	ng	98
20) 3+4-Methylphenols	7.204	107	215259	37.051	ng	# 68
22) Acetophenone	7.198	105	294809	40.426	ng	96
24) Nitrobenzene	7.369	77	237219	41.649	ng	99
25) Isophorone	7.604	82	412180	39.840	ng	99
26) 2-Nitrophenol	7.681	139	116038	42.582	ng	91
27) 2,4-Dimethylphenol	7.722	122	138313	41.691	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	246750	39.237	ng	99
29) 2,4-Dichlorophenol	7.928	162	176194	41.252	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	197141	41.426	ng	98
31) Naphthalene	8.086	128	646556	40.451	ng	100
32) Benzoic acid	7.863	122	138451m	43.131	ng	
33) 4-Chloroaniline	8.139	127	227101	38.482	ng	98
34) Hexachlorobutadiene	8.198	225	121582	42.051	ng	98
35) Caprolactam	8.522	113	55749m	39.566	ng	
36) 4-Chloro-3-methylphenol	8.628	107	190613	39.642	ng	99
37) 2-Methylnaphthalene	8.775	142	402755	39.153	ng	99
38) 1-Methylnaphthalene	8.875	142	389182	38.563	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	189172	42.318	ng	99
41) Hexachlorocyclopentadiene	8.928	237	45679	34.984	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	120862	42.158	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	130966	40.994	ng	97
46) 1,1'-Biphenyl	9.245	154	506935	41.851	ng	97
47) 2-Chloronaphthalene	9.269	162	379438	41.206	ng	99
48) 2-Nitroaniline	9.369	65	117848	40.869	ng	96
49) Acenaphthylene	9.680	152	577763	41.050	ng	99
50) Dimethylphthalate	9.551	163	421574	39.985	ng	100
51) 2,6-Dinitrotoluene	9.610	165	99263	41.484	ng	# 83
52) Acenaphthene	9.857	154	352975	40.457	ng	99
53) 3-Nitroaniline	9.780	138	101172	39.914	ng	100
54) 2,4-Dinitrophenol	9.892	184	46478	37.146	ng	92
55) Dibenzofuran	10.028	168	525601	39.742	ng	99
56) 4-Nitrophenol	9.957	139	64164	37.499	ng	94
57) 2,4-Dinitrotoluene	10.016	165	127699	41.109	ng	99
58) Fluorene	10.375	166	417854	39.819	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	99659	40.524	ng	98
60) Diethylphthalate	10.245	149	437586	40.001	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	200101	39.230	ng	98
62) 4-Nitroaniline	10.398	138	93697m	38.345	ng	
63) Azobenzene	10.527	77	394095	38.571	ng	97
65) 4,6-Dinitro-2-methylph...	10.427	198	66496	43.307	ng	99
66) n-Nitrosodiphenylamine	10.486	169	358003	41.134	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	122638	41.217	ng	93
68) Hexachlorobenzene	10.922	284	137927	41.596	ng	97
69) Atrazine	11.016	200	94127	42.285	ng	96
70) Pentachlorophenol	11.122	266	63687	41.206	ng	99
71) Phenanthrene	11.339	178	565426	41.130	ng	100
72) Anthracene	11.392	178	563080	40.445	ng	100
73) Carbazole	11.551	167	530888	40.445	ng	100
74) Di-n-butylphthalate	11.880	149	645341	40.291	ng	99
75) Fluoranthene	12.533	202	593167	40.339	ng	99
77) Benzidine	12.657	184	152603	34.206	ng	99
78) Pyrene	12.763	202	581644	39.160	ng	99
80) Butylbenzylphthalate	13.386	149	224812	41.596	ng	99
81) Benzo(a)anthracene	13.957	228	429749	40.903	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	128028	42.909	ng	98
83) Chrysene	13.992	228	410026	39.908	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	288190	42.381	ng	98
85) Di-n-octyl phthalate	14.563	149	461263	43.852	ng	100
87) Indeno(1,2,3-cd)pyrene	16.951	276	431598	40.797	ng	98
88) Benzo(b)fluoranthene	15.015	252	394794	40.341	ng	97
89) Benzo(k)fluoranthene	15.045	252	357953	38.709	ng	98
90) Benzo(a)pyrene	15.386	252	336396	40.722	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	352573	40.623	ng	98
92) Benzo(g,h,i)perylene	17.404	276	365929	41.165	ng	98

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

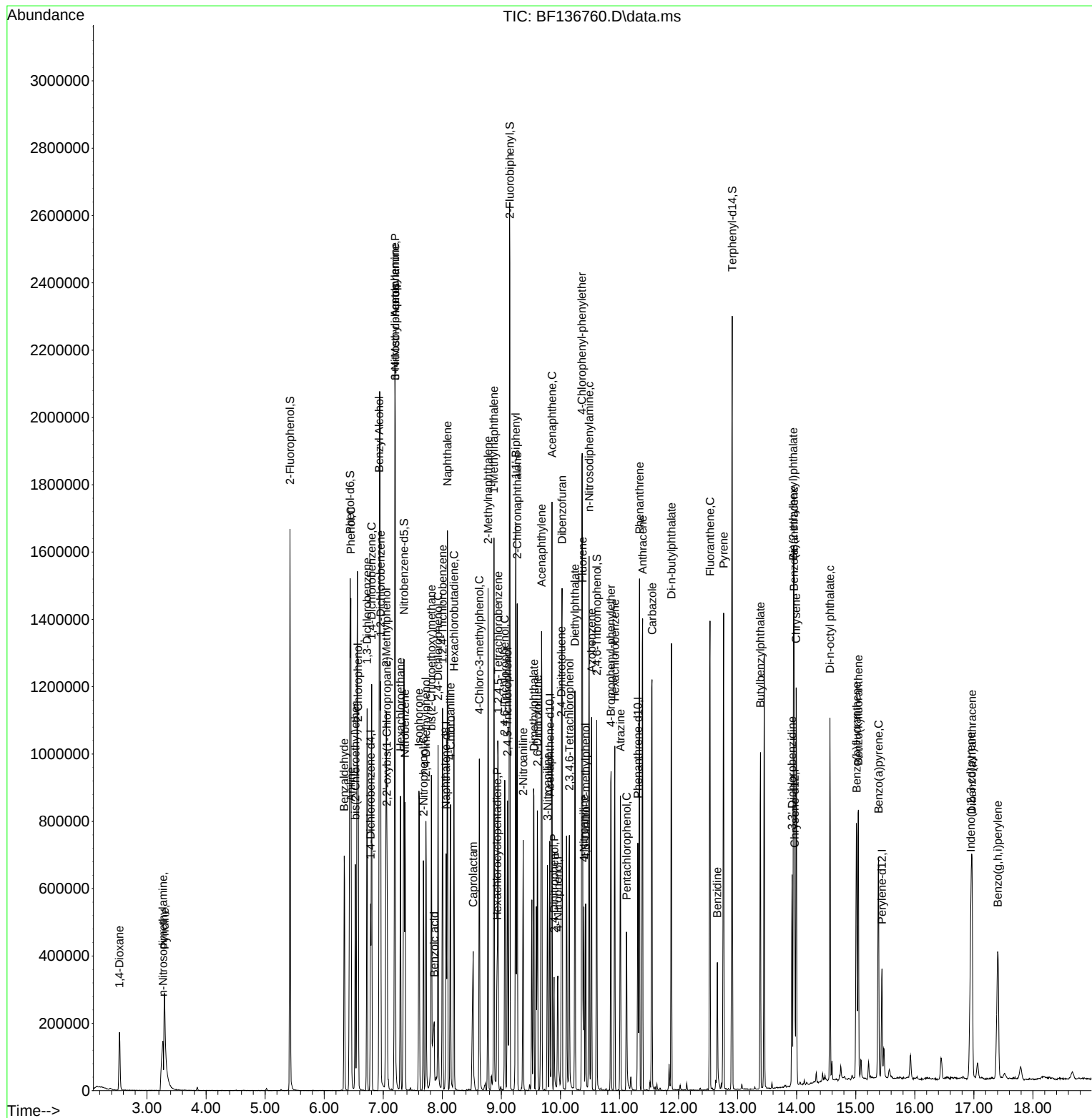
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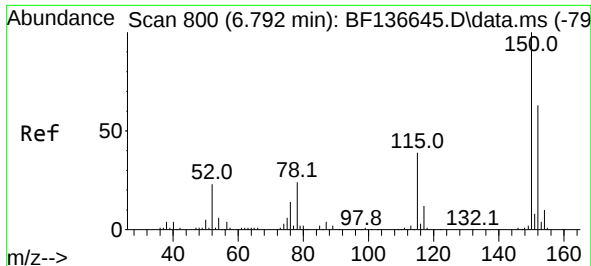
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14

Instrument :

BNA_F

ClientSampleId :

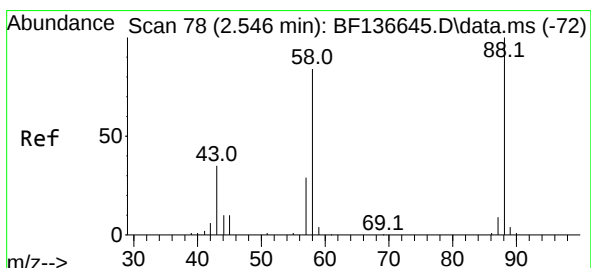
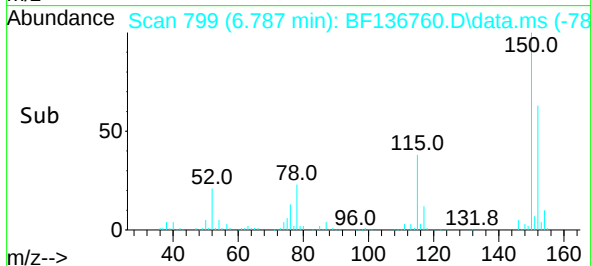
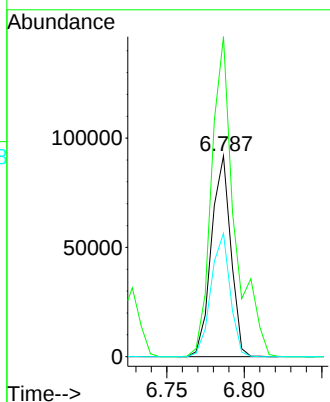
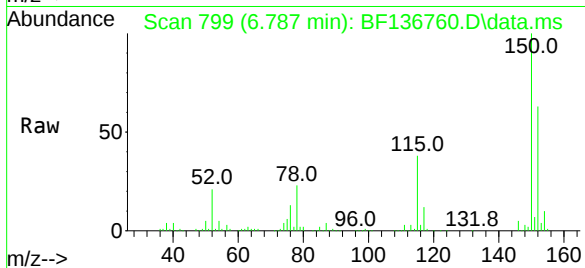
SSTDCCC040EC

Tgt Ion:152 Resp: 80030
Ion Ratio Lower Upper
152 100
150 159.4 127.0 190.6
115 61.3 49.0 73.4

Manual Integrations

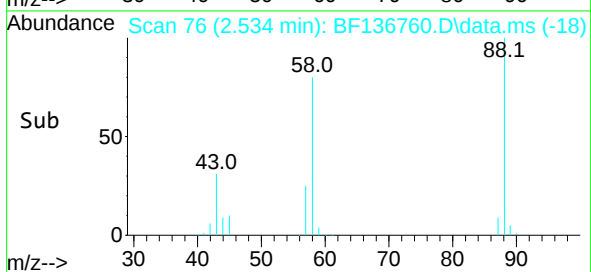
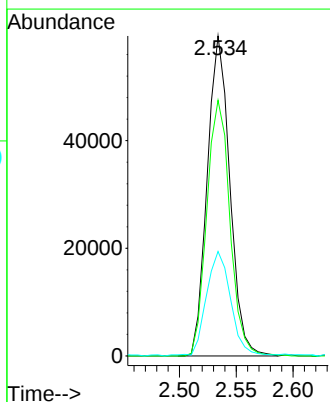
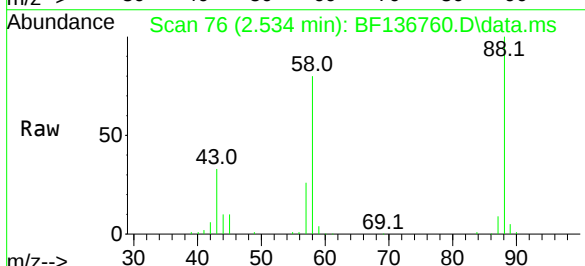
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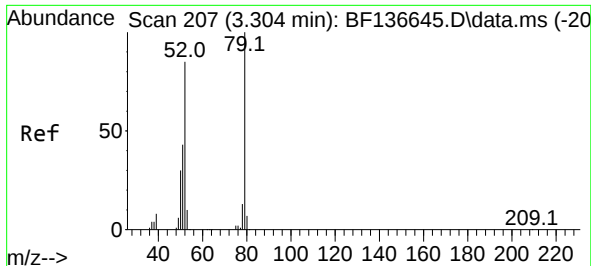
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#2
1,4-Dioxane
Concen: 38.457 ng
RT: 2.534 min Scan# 76
Delta R.T. -0.012 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14

Tgt Ion: 88 Resp: 82194
Ion Ratio Lower Upper
88 100
58 82.0 67.4 101.0
43 35.3 27.7 41.5





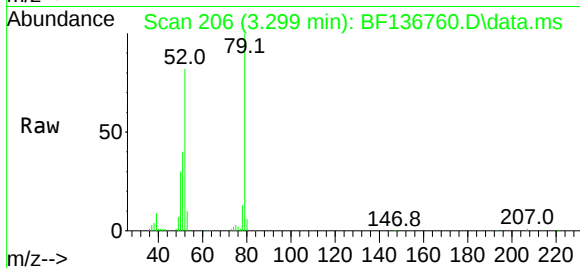
#3
 Pyridine
 Concen: 40.354 ng
 RT: 3.299 min Scan# 206
 Delta R.T. -0.006 min
 Lab File: BF136760.D
 Acq: 27 Dec 2023 16:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

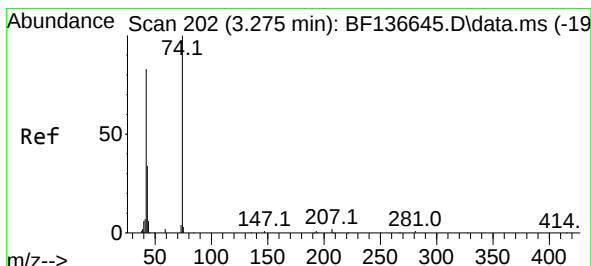
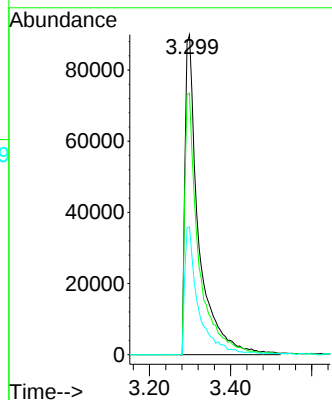
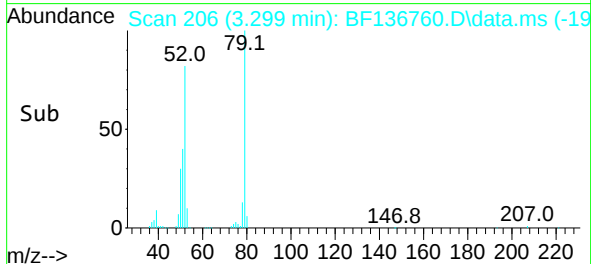


Tgt Ion: 79 Resp: 210430
 Ion Ratio Lower Upper
 79 100
 52 81.7 67.7 101.5
 51 40.0 34.0 51.0

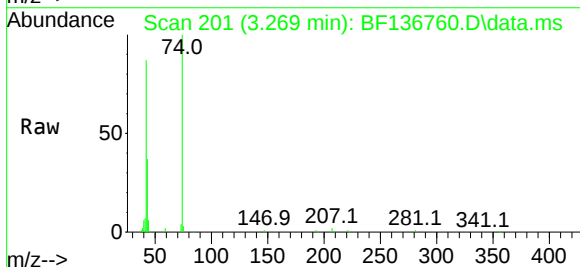
Manual Integrations

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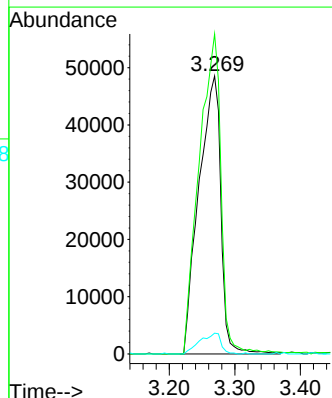
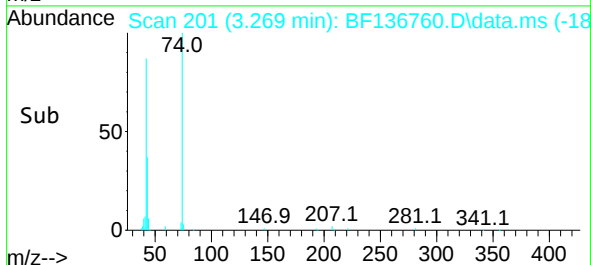
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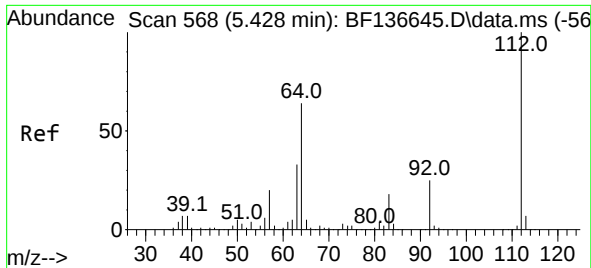


#4
 n-Nitrosodimethylamine
 Concen: 40.542 ng
 RT: 3.269 min Scan# 201
 Delta R.T. -0.006 min
 Lab File: BF136760.D
 Acq: 27 Dec 2023 16:14



Tgt Ion: 42 Resp: 112900
 Ion Ratio Lower Upper
 42 100
 74 115.1 96.0 144.0
 44 7.5 5.4 8.2





#5
2-Fluorophenol
Concen: 80.963 ng
RT: 5.422 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14

Instrument :

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ClientSampleId :

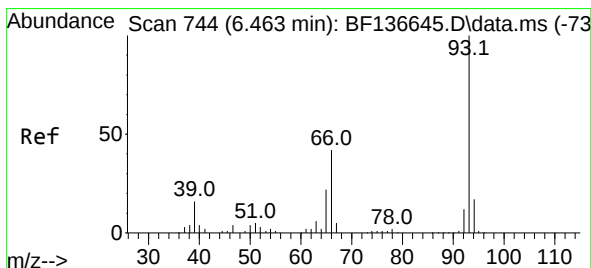
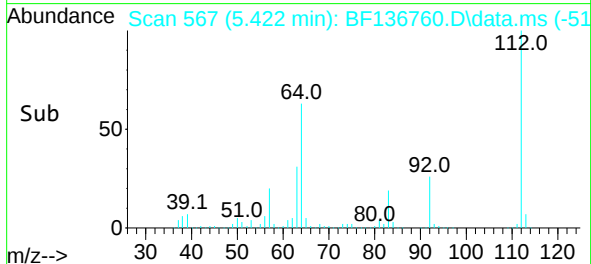
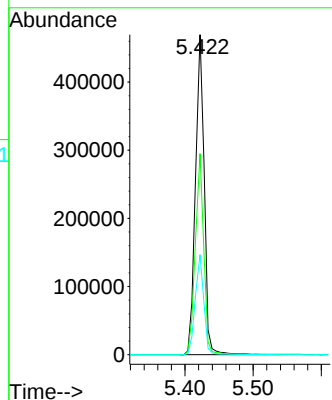
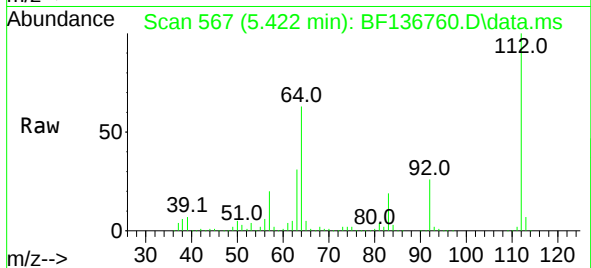
SSTDCCC040EC

Tgt Ion:112 Resp: 415300
Ion Ratio Lower Upper
112 100
64 62.9 51.1 76.7
63 31.2 26.1 39.1

Manual Integrations

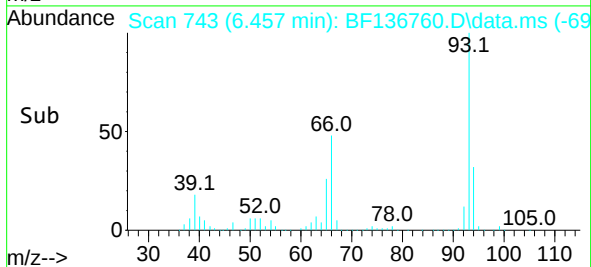
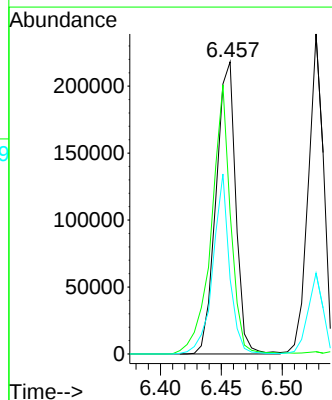
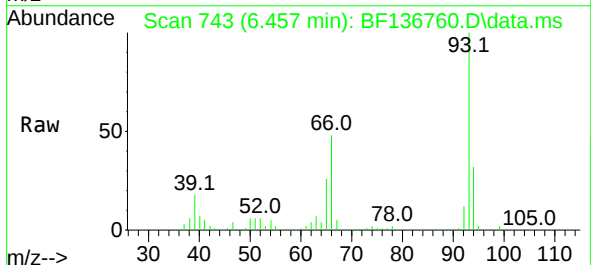
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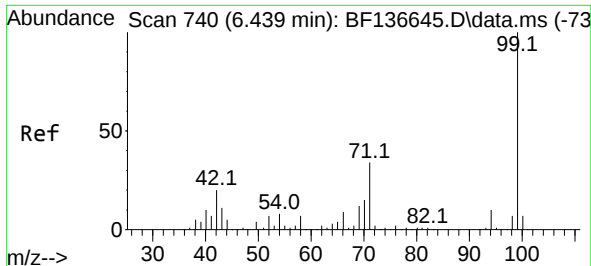
Reviewed By :Yogesh Patel 12/28/2023
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#6
Aniline
Concen: 36.929 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14

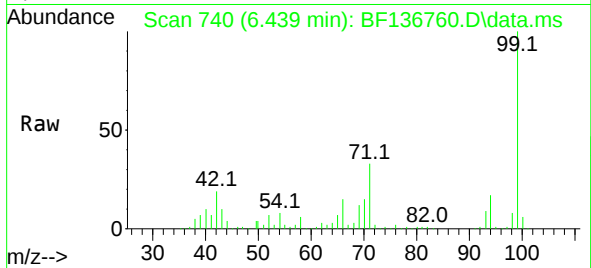
Tgt Ion: 93 Resp: 245406
Ion Ratio Lower Upper
93 100
66 48.2 34.6 51.8
65 25.7 17.8 26.8





#7
Phenol-d6
Concen: 77.199 ng
RT: 6.439 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14

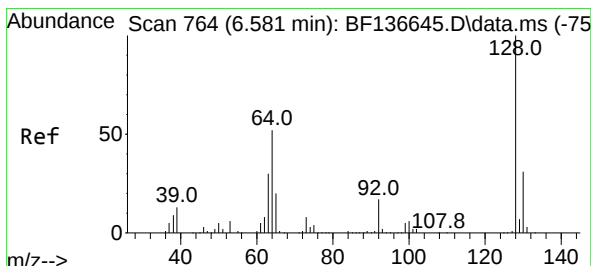
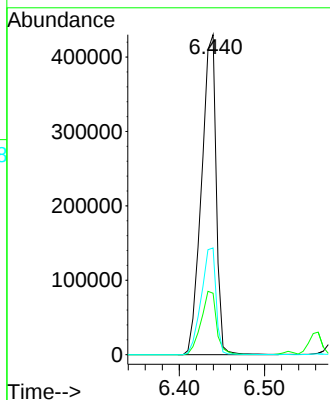
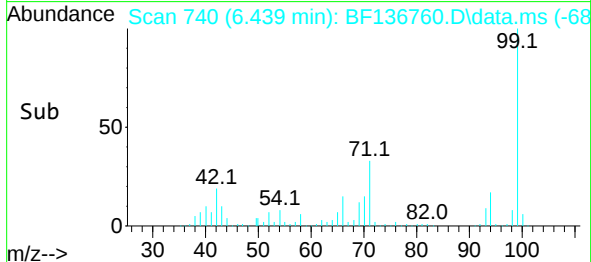
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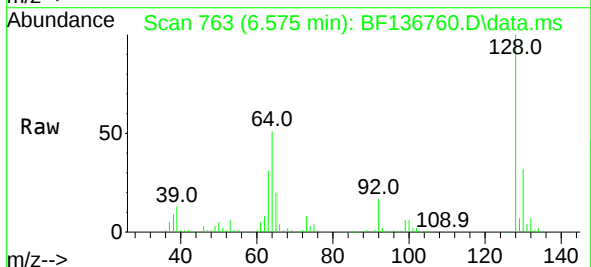
Tgt Ion: 99 Resp: 513118
Ion Ratio Lower Upper
99 100
42 19.2 16.1 24.1
71 33.3 27.4 41.2

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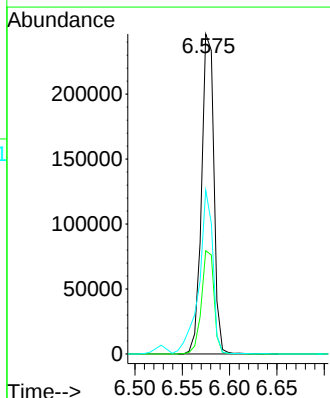
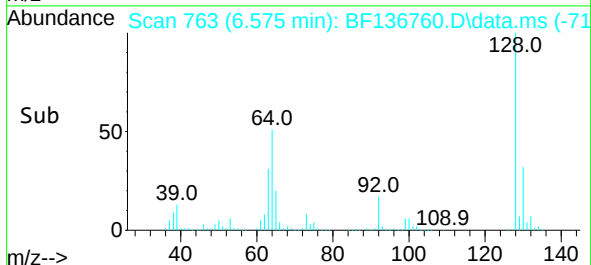
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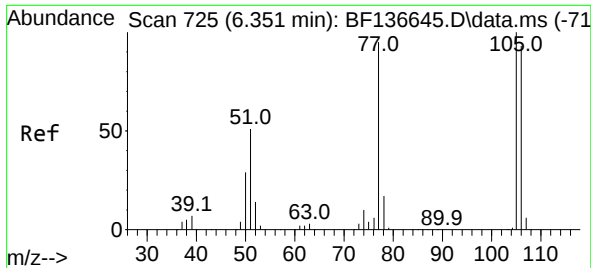


#8
2-Chlorophenol
Concen: 39.705 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136760.D
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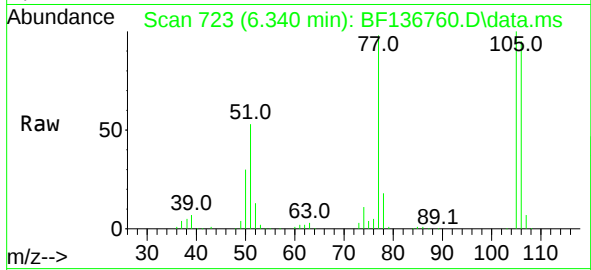
Tgt Ion:128 Resp: 222884
Ion Ratio Lower Upper
128 100
130 32.3 11.3 51.3
64 51.2 32.5 72.5





#9
Benzaldehyde
Concen: 38.407 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136760.D
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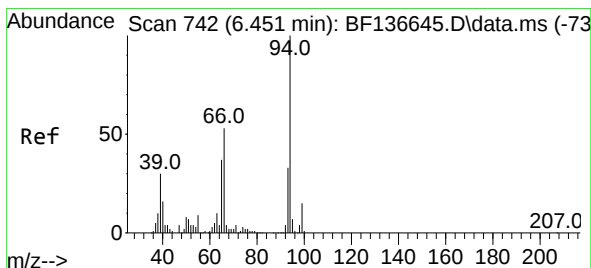
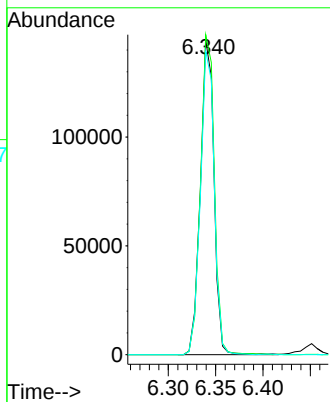
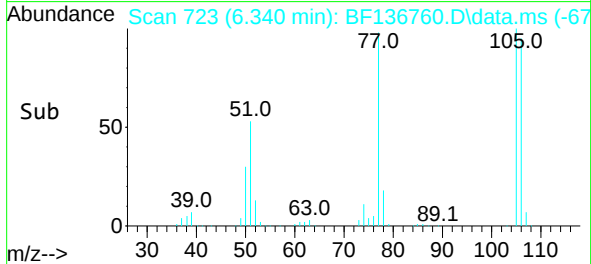
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ClientSampleId :
SSTDCCC040EC



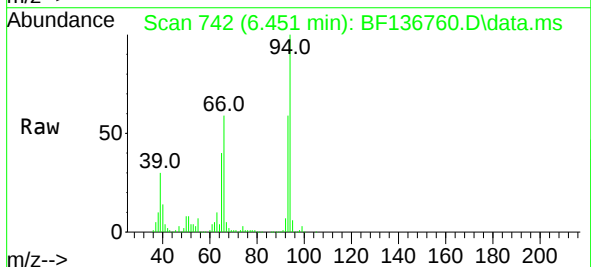
Tgt Ion: 77 Resp: 14520
Ion Ratio Lower Upper
77 100
105 101.8 84.8 124.8
106 96.6 77.8 117.8

Manual Integrations
APPROVED

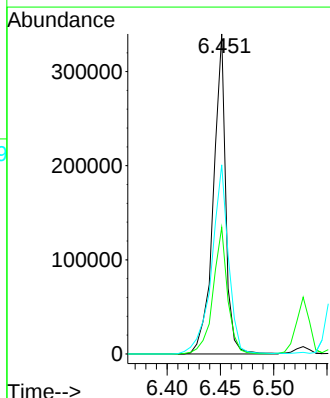
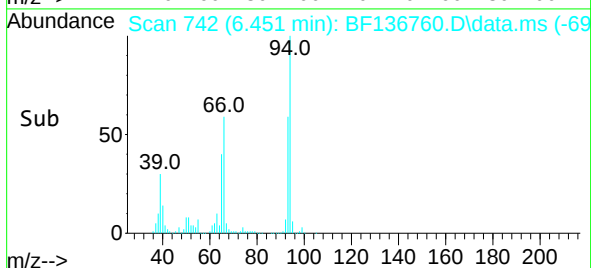
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

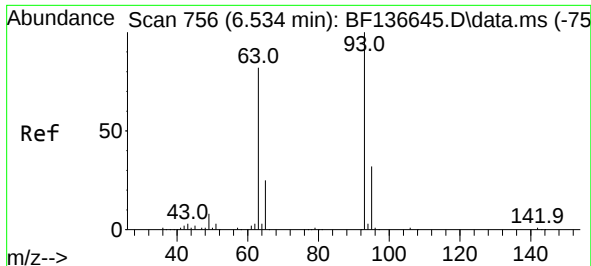


#10
Phenol
Concen: 38.729 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14



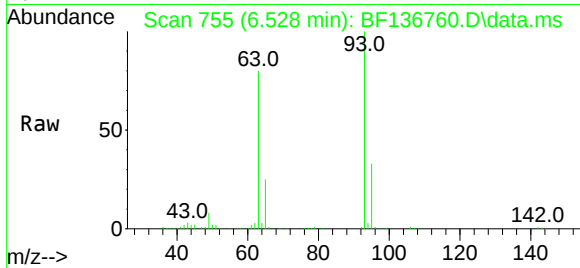
Tgt Ion: 94 Resp: 274797
Ion Ratio Lower Upper
94 100
65 39.6 16.6 56.6
66 59.1 32.6 72.6





#11
bis(2-Chloroethyl)ether
Concen: 38.253 ng
RT: 6.528 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14

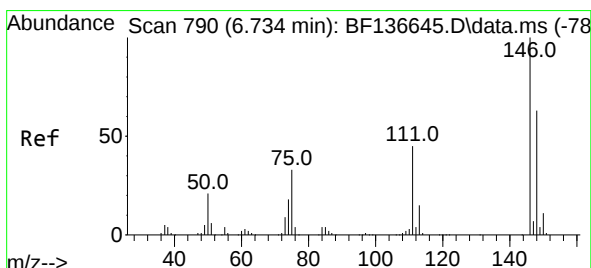
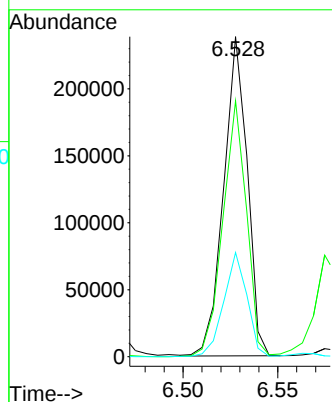
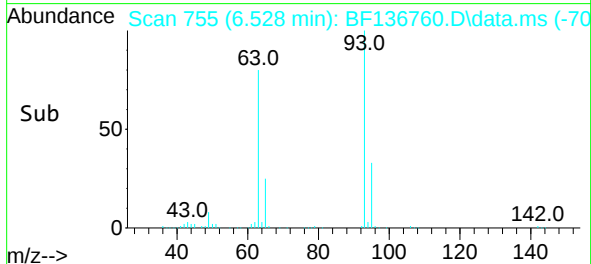
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



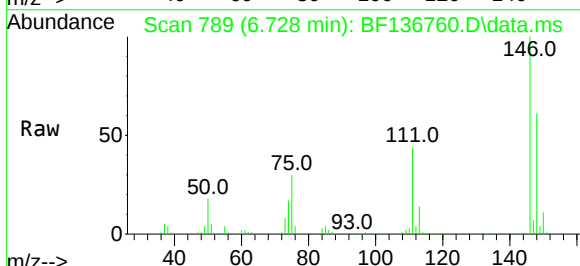
Tgt Ion: 93 Resp: 206412
Ion Ratio Lower Upper
93 100
63 80.0 61.2 101.2
95 32.6 11.6 51.6

Manual Integrations
APPROVED

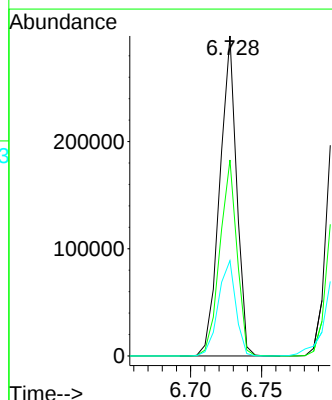
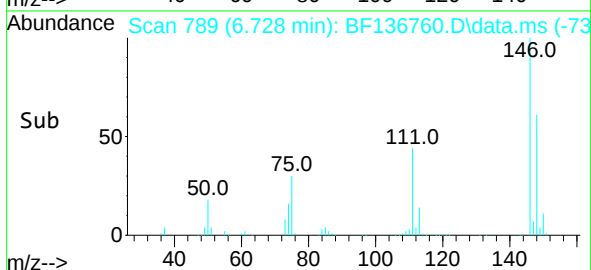
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

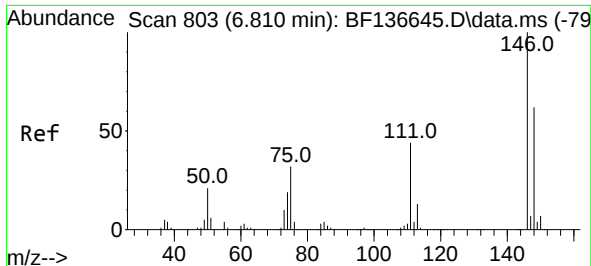


#12
1,3-Dichlorobenzene
Concen: 40.215 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14



Tgt Ion:146 Resp: 246265
Ion Ratio Lower Upper
146 100
148 61.3 50.5 75.7
75 29.8 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 39.395 ng

RT: 6.804 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF136760.D

Acq: 27 Dec 2023 16:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:146 Resp: 24649

Ion Ratio Lower Upper

146 100

148 62.7 49.2 73.8

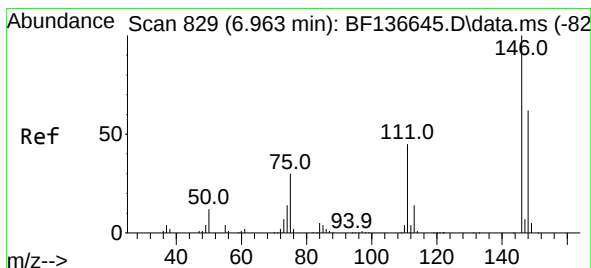
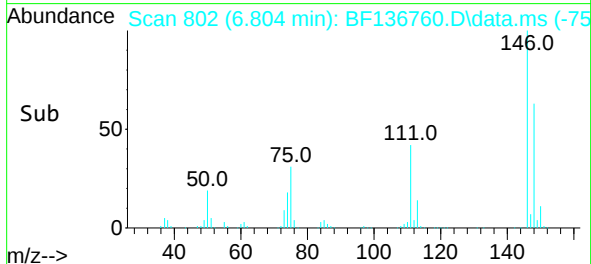
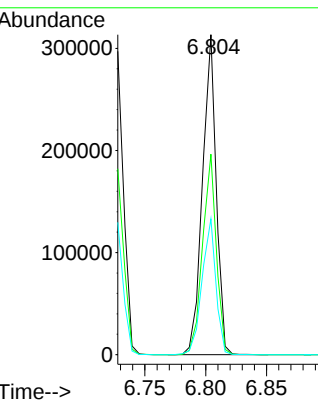
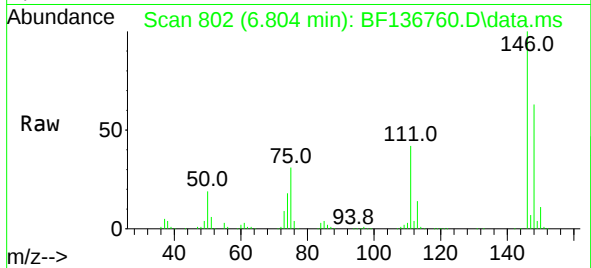
111 42.4 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#14

1,2-Dichlorobenzene

Concen: 39.398 ng

RT: 6.957 min Scan# 828

Delta R.T. -0.006 min

Lab File: BF136760.D

Acq: 27 Dec 2023 16:14

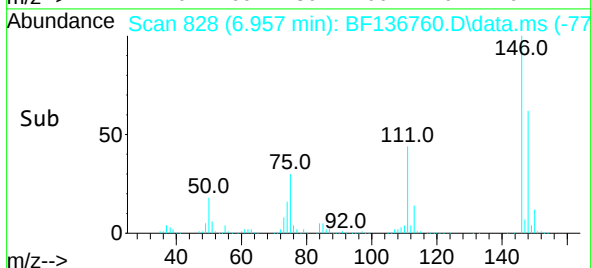
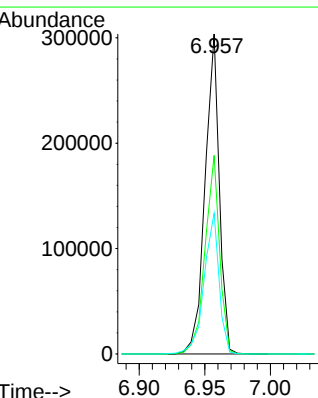
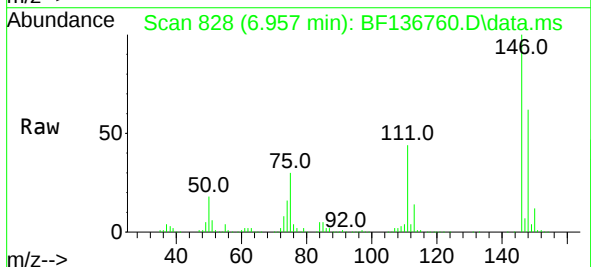
Tgt Ion:146 Resp: 229389

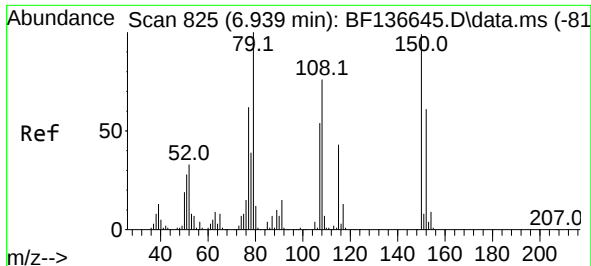
Ion Ratio Lower Upper

146 100

148 62.0 49.6 74.4

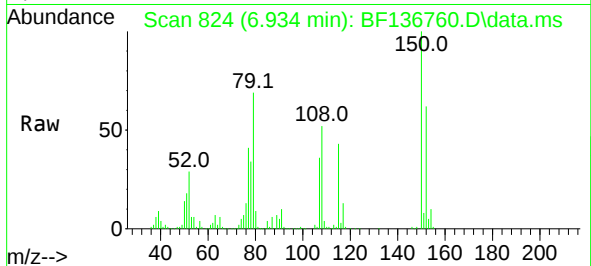
111 44.0 36.2 54.2





#15
Benzyl Alcohol
Concen: 39.283 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14

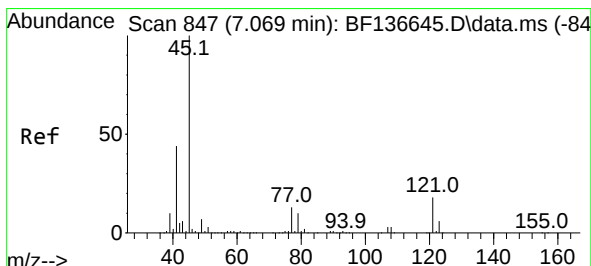
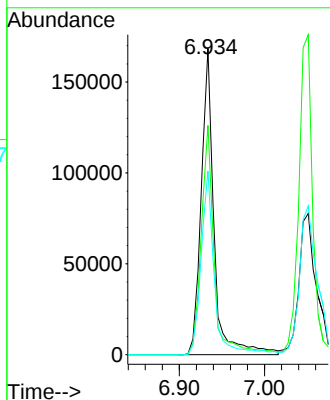
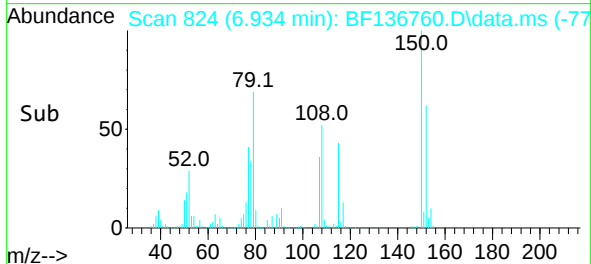
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 79 Resp: 176149
Ion Ratio Lower Upper
79 100
108 74.9 61.0 91.6
77 60.0 49.8 74.8

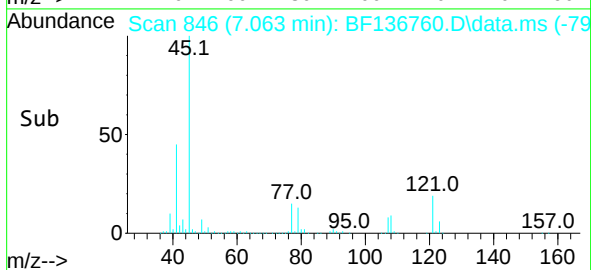
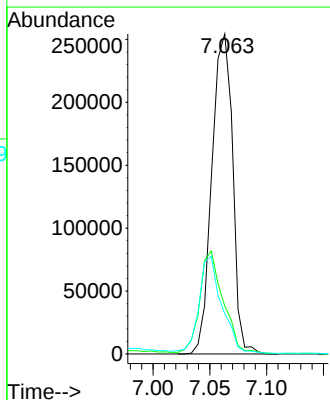
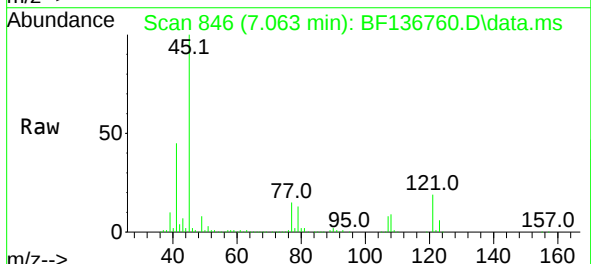
Manual Integrations
APPROVED

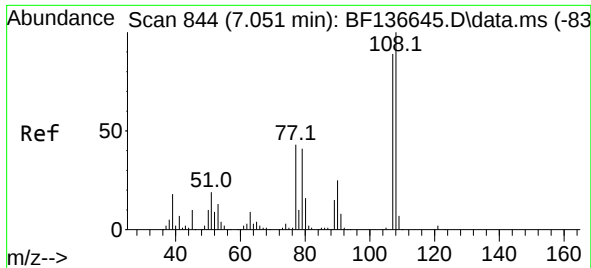
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.687 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14

Tgt Ion: 45 Resp: 323652
Ion Ratio Lower Upper
45 100
77 15.0 0.0 34.3
79 12.6 0.0 31.4





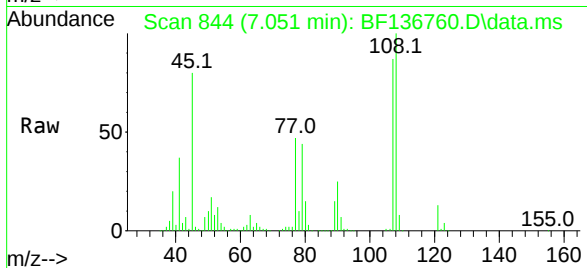
#17
2-Methylphenol
Concen: 37.236 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



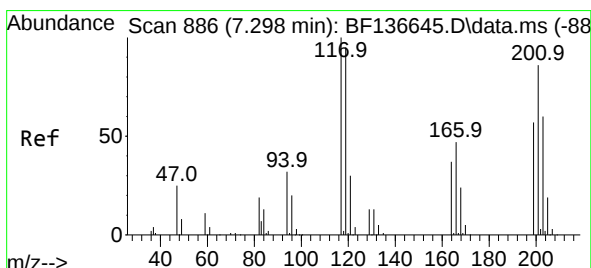
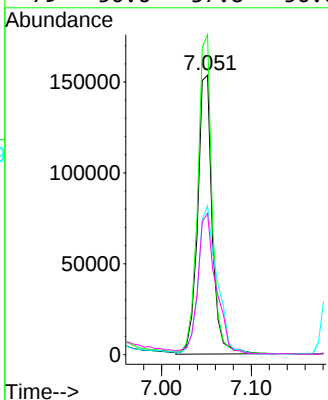
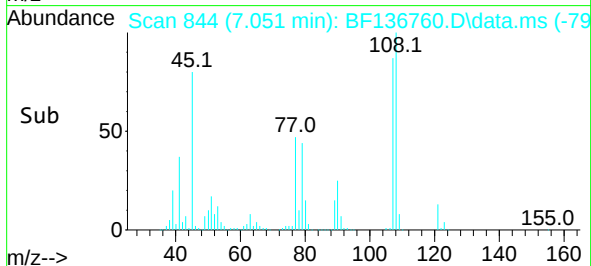
Tgt Ion:107 Resp: 17315
Ion Ratio Lower Upper
107 100
108 114.5 90.3 135.5
77 53.2 38.7 58.1
79 50.6 37.8 56.6

Manual Integrations

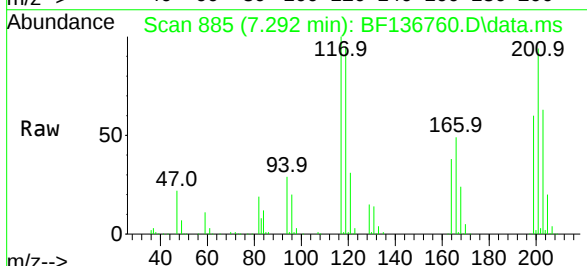
APPROVED

Reviewed By :Yogesh Patel 12/28/2023

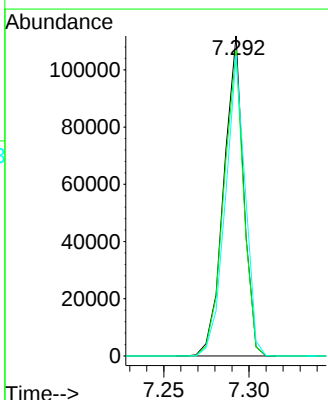
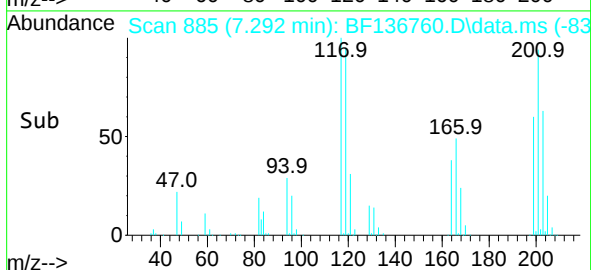
Supervised By :mohammad ahmed 12/28/2023

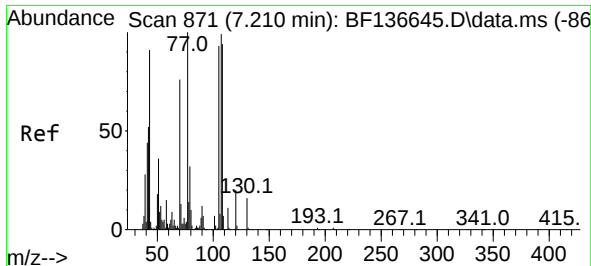


#18
Hexachloroethane
Concen: 39.583 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14



Tgt Ion:117 Resp: 89948
Ion Ratio Lower Upper
117 100
119 95.5 75.8 113.6
201 93.8 69.1 103.7





#19

n-Nitroso-di-n-propylamine

Concen: 36.559 ng

RT: 7.204 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF136760.D

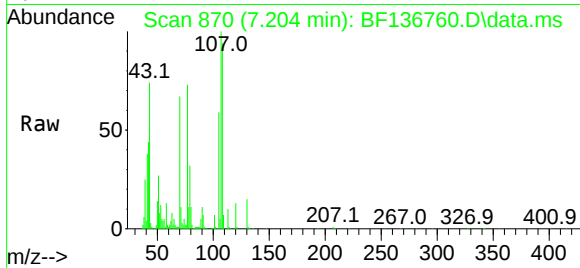
Acq: 27 Dec 2023 16:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 70 Resp: 14730

Ion Ratio Lower Upper

70 100

42 65.7 54.2 81.4

101 10.1 7.6 11.4

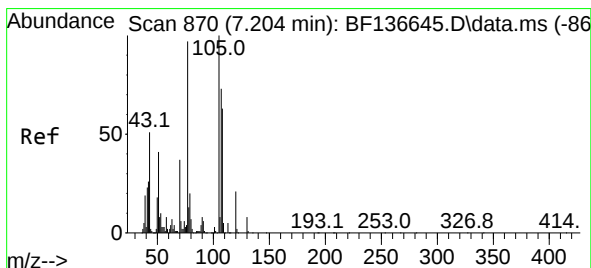
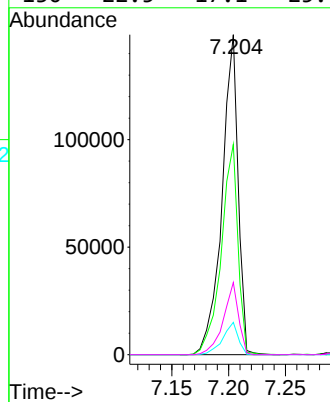
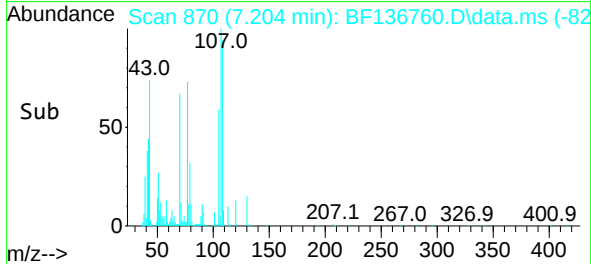
130 22.5 17.1 25.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#20

3+4-Methylphenols

Concen: 37.051 ng

RT: 7.204 min Scan# 870

Delta R.T. 0.000 min

Lab File: BF136760.D

Acq: 27 Dec 2023 16:14

Tgt Ion:107 Resp: 215259

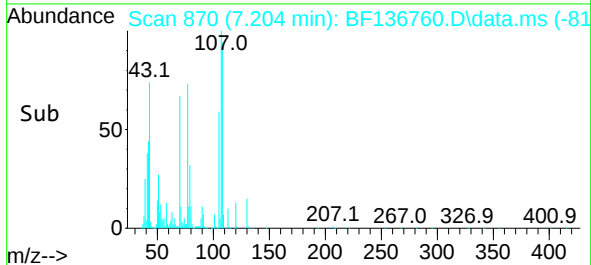
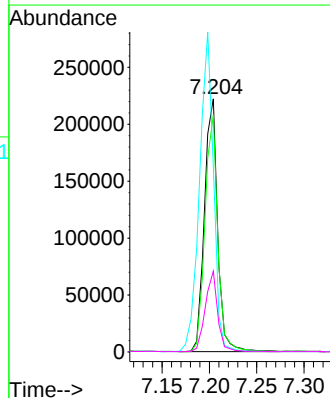
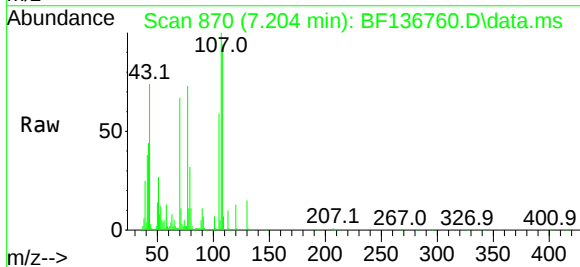
Ion Ratio Lower Upper

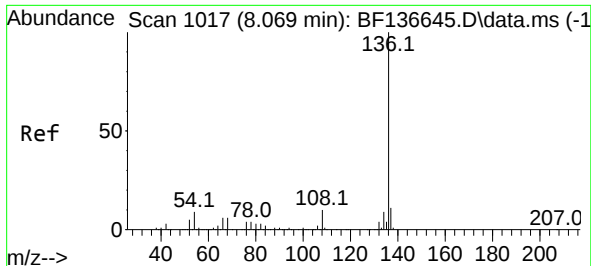
107 100

108 93.6 66.0 106.0

77 73.5 114.2 154.2#

79 31.9 7.2 47.2





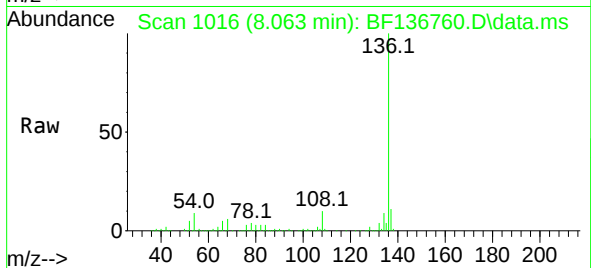
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

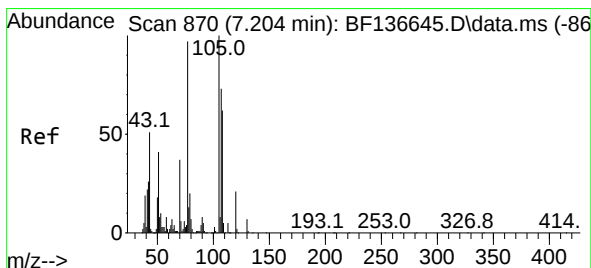
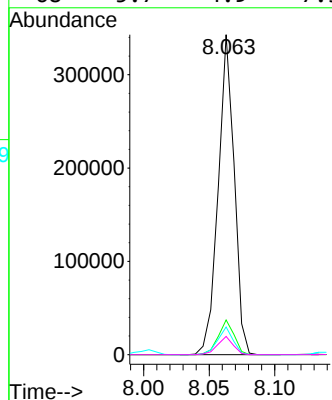
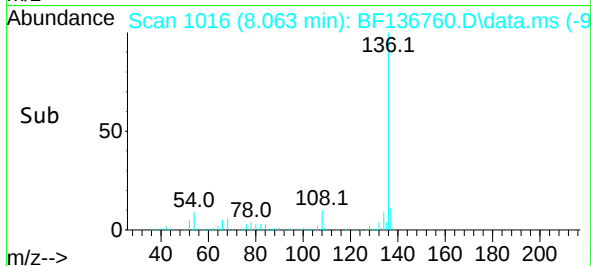


Tgt Ion:136 Resp: 29094
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.6 7.2 10.8
68 5.7 4.9 7.3

Manual Integrations

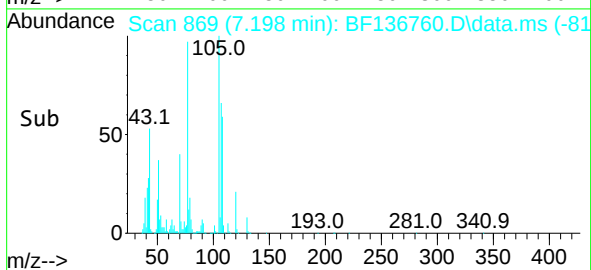
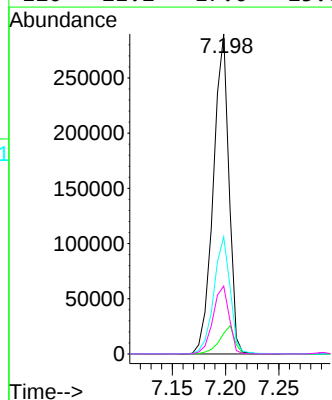
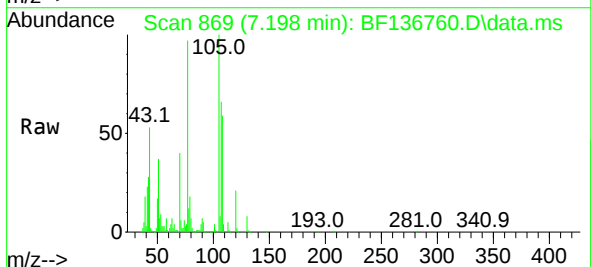
APPROVED

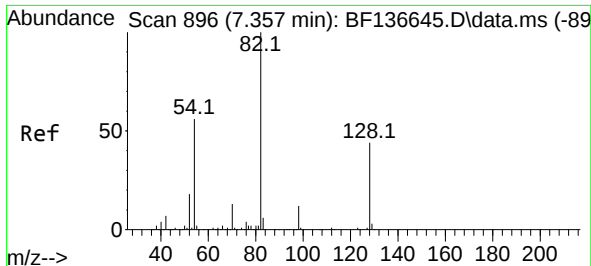
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#22
Acetophenone
Concen: 40.426 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14

Tgt Ion:105 Resp: 294809
Ion Ratio Lower Upper
105 100
71 6.5 4.8 7.2
51 36.6 32.8 49.2
120 21.2 17.0 25.6





#23

Nitrobenzene-d5

Concen: 82.839 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF136760.D

Acq: 27 Dec 2023 16:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

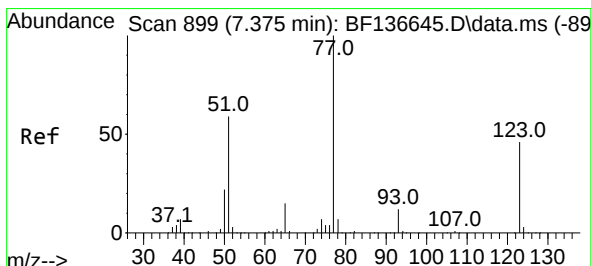
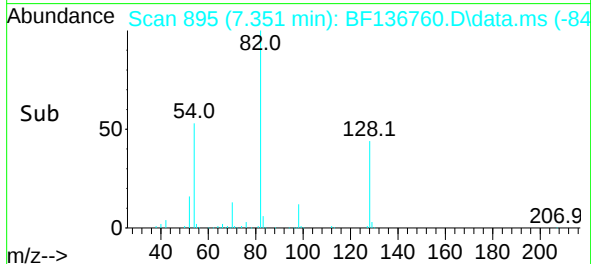
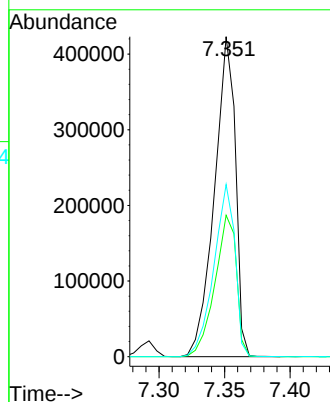
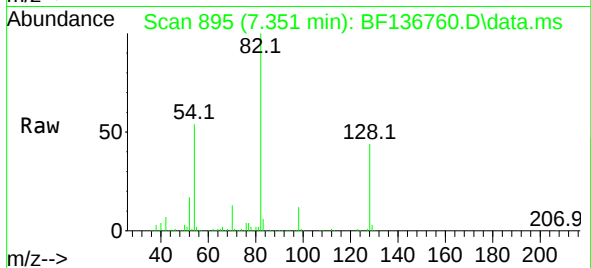
Tgt Ion:	82	Resp:	47100
Ion Ratio	Lower	Upper	
82	100		
128	44.2	35.3	52.9
54	53.8	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#24

Nitrobenzene

Concen: 41.649 ng

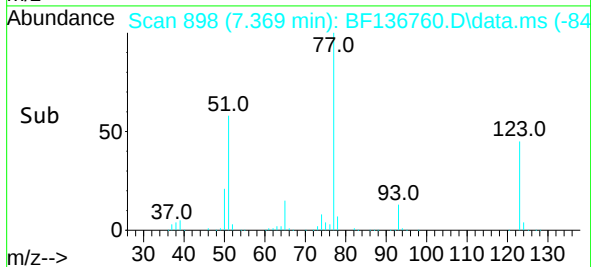
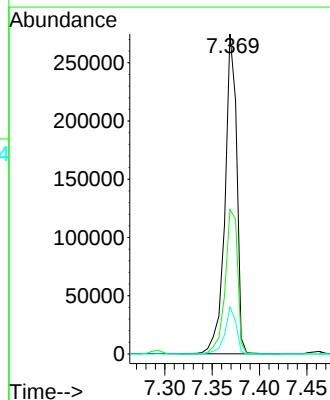
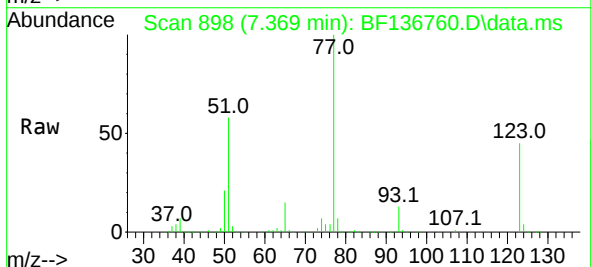
RT: 7.369 min Scan# 898

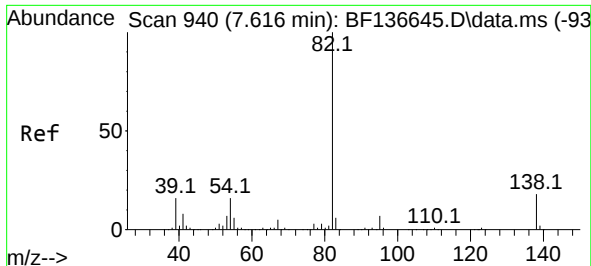
Delta R.T. -0.006 min

Lab File: BF136760.D

Acq: 27 Dec 2023 16:14

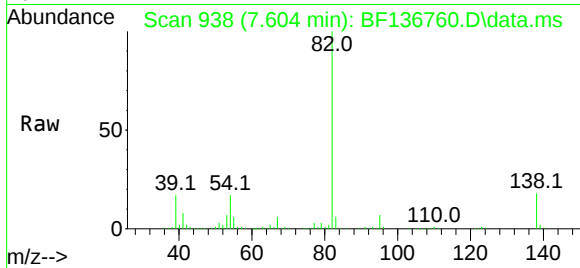
Tgt Ion:	77	Resp:	237219
Ion Ratio	Lower	Upper	
77	100		
123	45.1	36.7	55.1
65	14.7	11.8	17.6





#25
Isophorone
Concen: 39.840 ng
RT: 7.604 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14

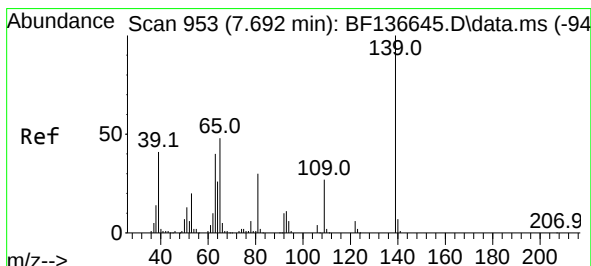
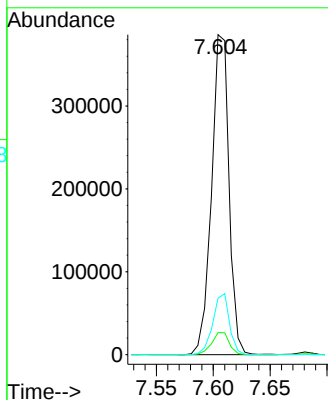
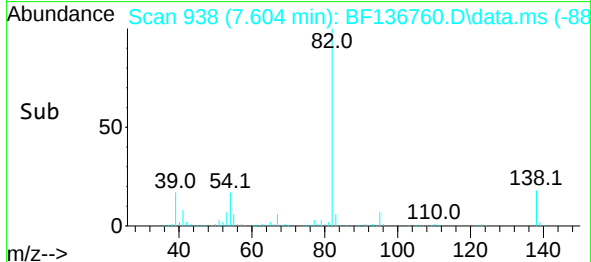
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



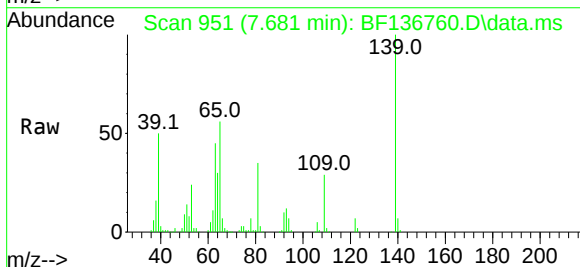
Tgt Ion: 82 Resp: 412180
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.6 14.5 21.7

Manual Integrations
APPROVED

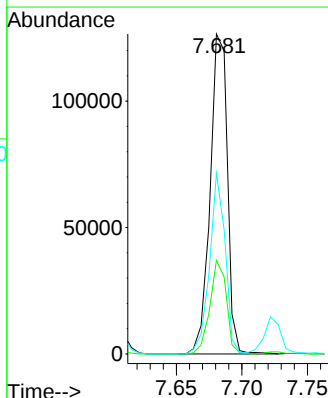
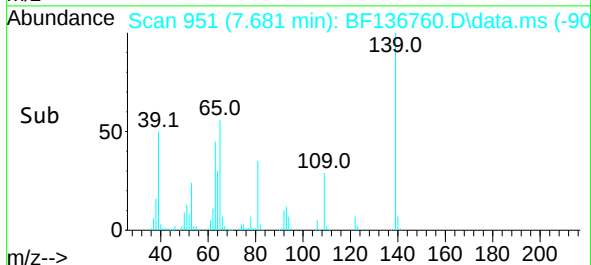
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

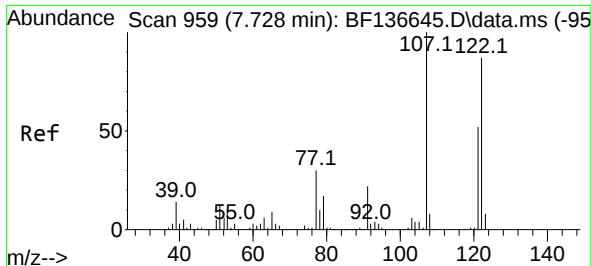


#26
2-Nitrophenol
Concen: 42.582 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14



Tgt Ion:139 Resp: 116038
Ion Ratio Lower Upper
139 100
109 29.3 21.9 32.9
65 56.5 38.6 58.0





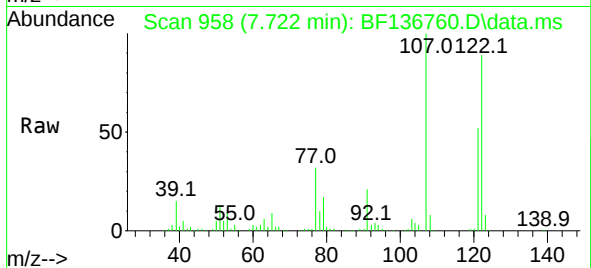
#27
2,4-Dimethylphenol
Concen: 41.691 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

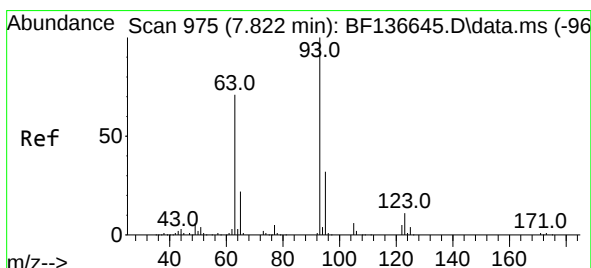
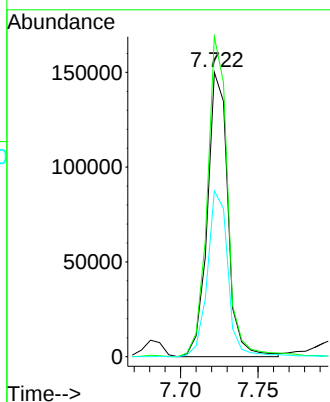
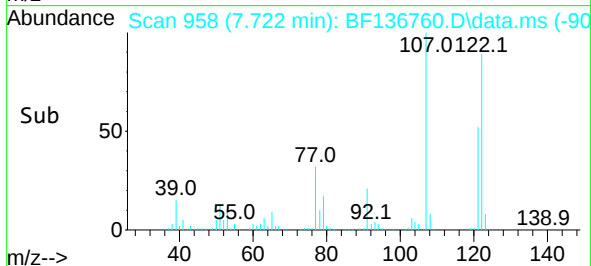


Tgt Ion:122 Resp: 13831
Ion Ratio Lower Upper
122 100
107 112.5 92.0 138.0
121 58.3 47.5 71.3

Manual Integrations

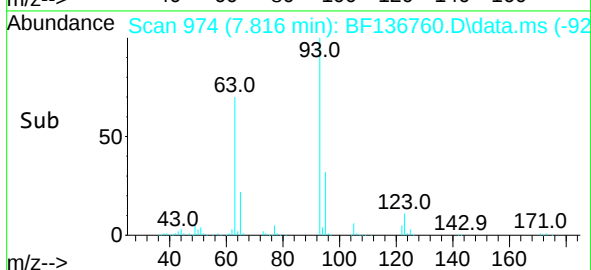
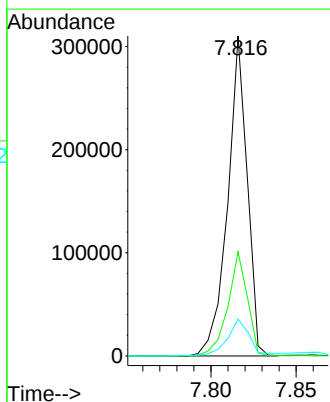
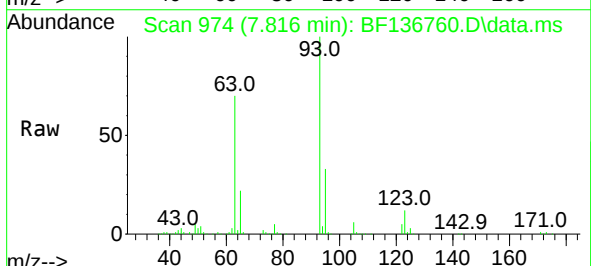
APPROVED

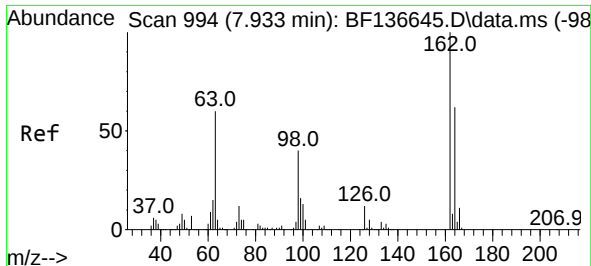
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#28
bis(2-Chloroethoxy)methane
Concen: 39.237 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14

Tgt Ion: 93 Resp: 246750
Ion Ratio Lower Upper
93 100
95 32.6 25.5 38.3
123 11.5 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 41.252 ng

RT: 7.928 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF136760.D

Acq: 27 Dec 2023 16:14

Instrument :

BNA_F

ClientSampleId :

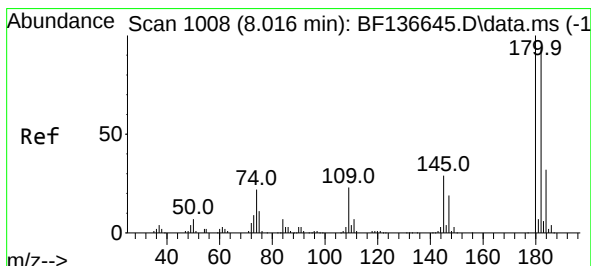
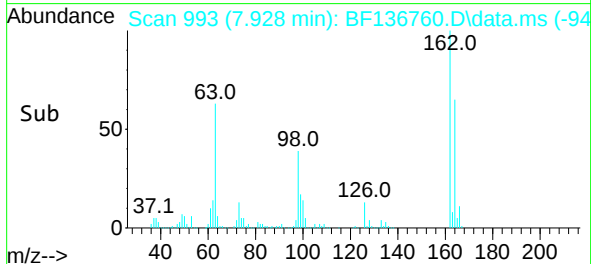
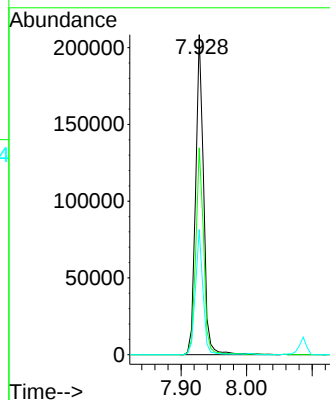
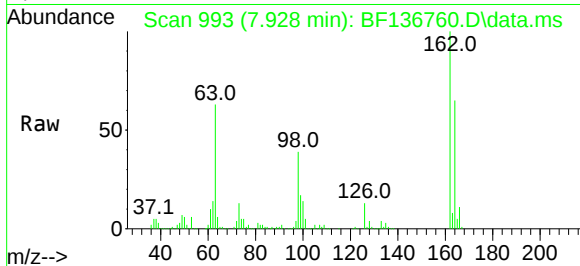
SSTDCCC040EC

Tgt Ion:162 Resp: 176194
 Ion Ratio Lower Upper
 162 100
 164 64.7 41.7 81.7
 98 39.1 19.5 59.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023
 Supervised By :mohammad ahmed 12/28/2023



#30

1,2,4-Trichlorobenzene

Concen: 41.426 ng

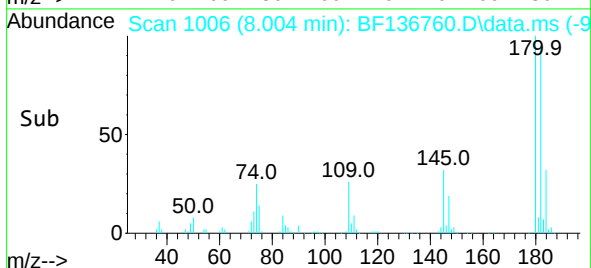
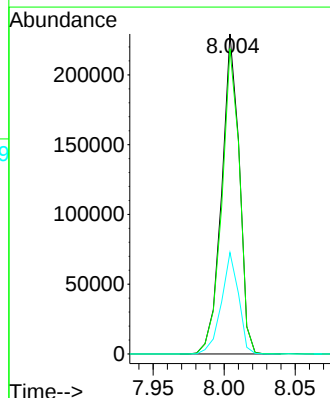
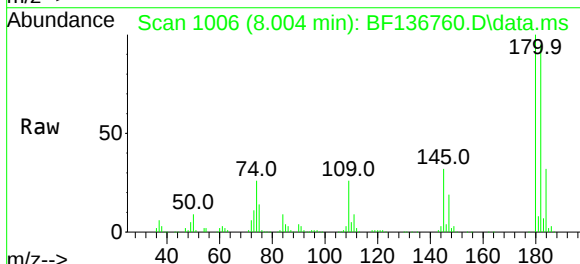
RT: 8.004 min Scan# 1006

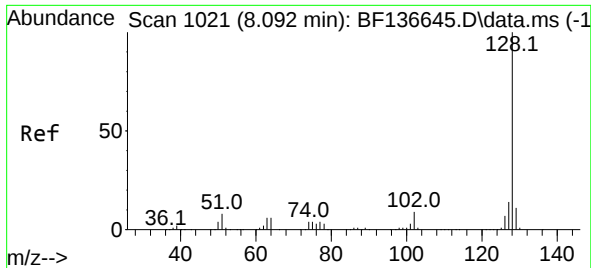
Delta R.T. -0.012 min

Lab File: BF136760.D

Acq: 27 Dec 2023 16:14

Tgt Ion:180 Resp: 197141
 Ion Ratio Lower Upper
 180 100
 182 95.4 75.4 113.0
 145 31.7 23.1 34.7





#31
Naphthalene
Concen: 40.451 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14

Instrument :

BNA_F

ClientSampleId :

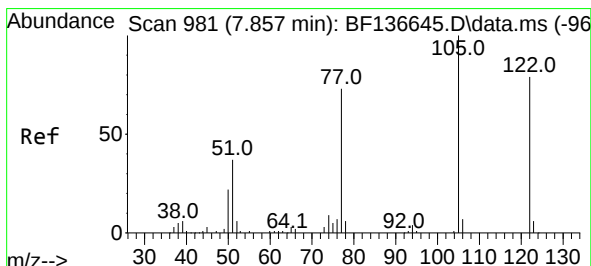
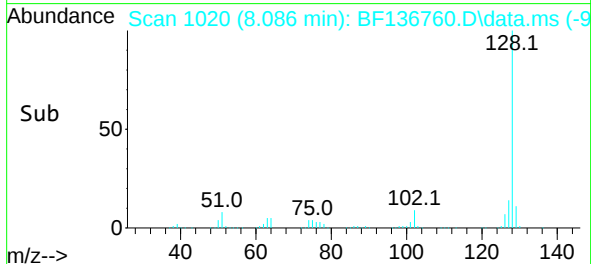
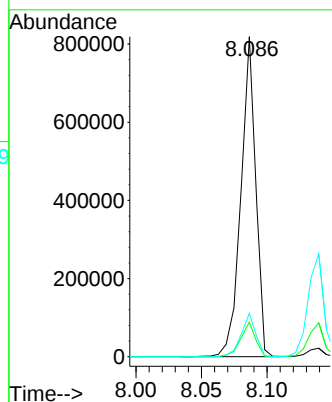
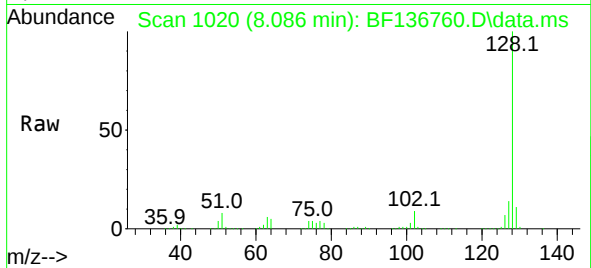
SSTDCCC040EC

Tgt Ion:128 Resp: 646550
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.5 10.8 16.2

Manual Integrations

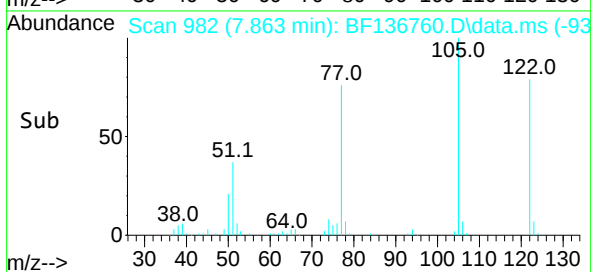
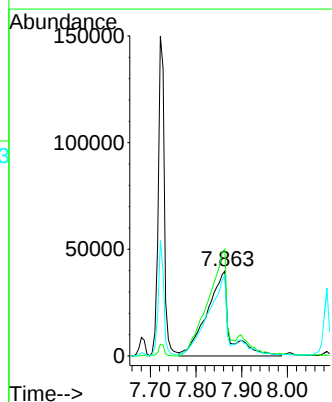
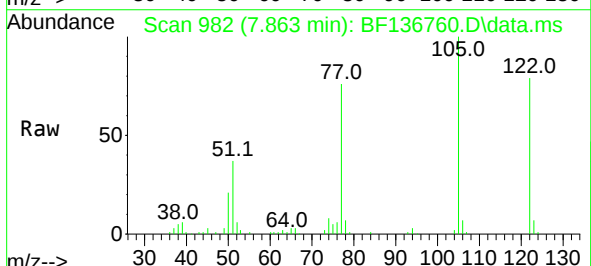
APPROVED

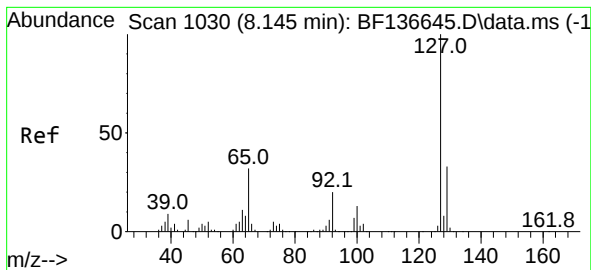
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#32
Benzoic acid
Concen: 43.131 ng m
RT: 7.863 min Scan# 982
Delta R.T. 0.006 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14

Tgt Ion:122 Resp: 138451
Ion Ratio Lower Upper
122 100
105 126.0 100.8 140.8
77 95.1 70.9 110.9





#33

4-Chloroaniline

Concen: 38.482 ng

RT: 8.139 min Scan# 1029

Delta R.T. -0.006 min

Lab File: BF136760.D

Acq: 27 Dec 2023 16:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

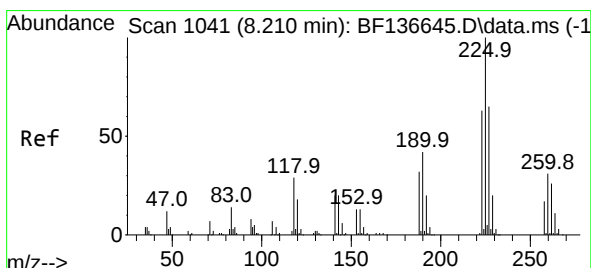
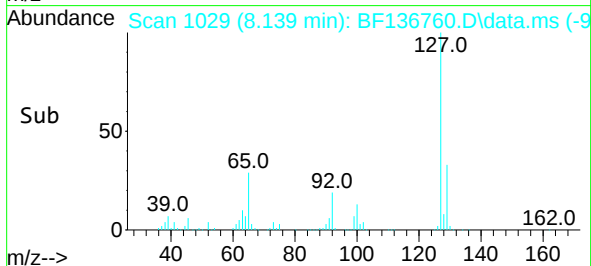
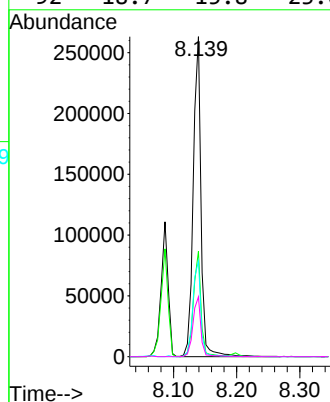
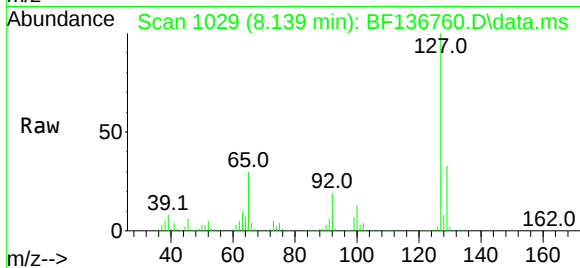
Tgt Ion:	127	Resp:	22710
Ion Ratio	Lower	Upper	
127	100		
129	33.0	26.3	39.5
65	30.0	25.8	38.8
92	18.7	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#34

Hexachlorobutadiene

Concen: 42.051 ng

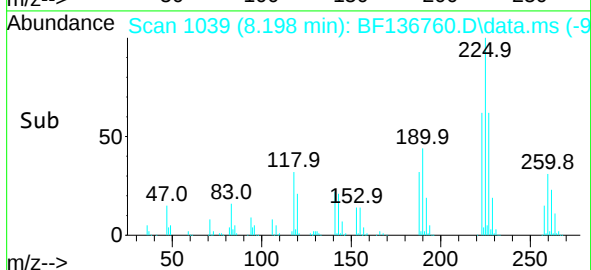
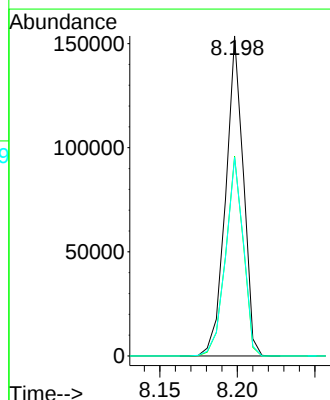
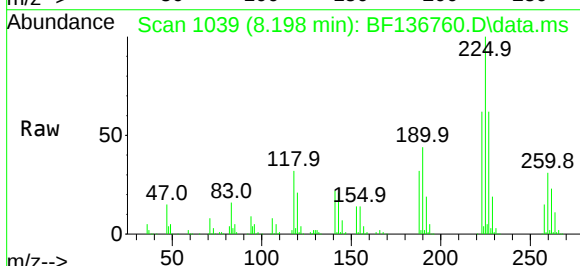
RT: 8.198 min Scan# 1039

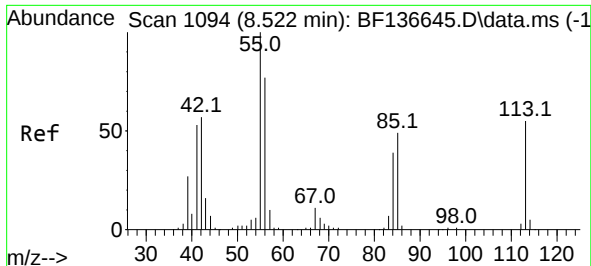
Delta R.T. -0.012 min

Lab File: BF136760.D

Acq: 27 Dec 2023 16:14

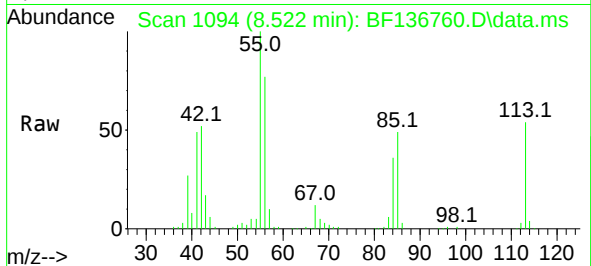
Tgt Ion:	225	Resp:	121582
Ion Ratio	Lower	Upper	
225	100		
223	62.4	50.6	76.0
227	62.0	51.9	77.9





#35
Caprolactam
Concen: 39.566 ng m
RT: 8.522 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14

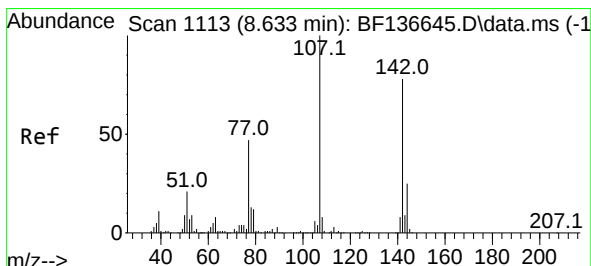
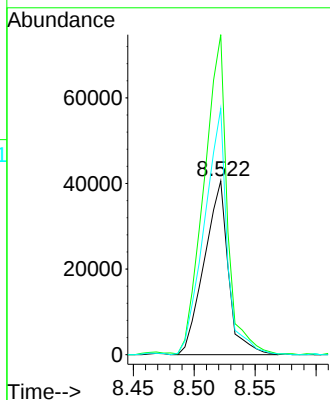
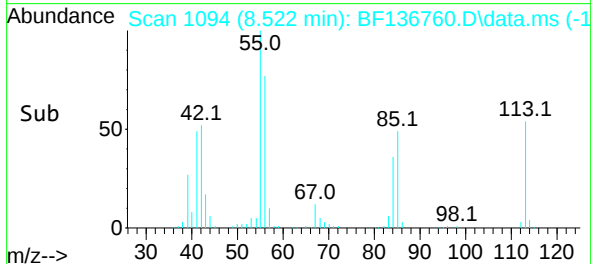
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



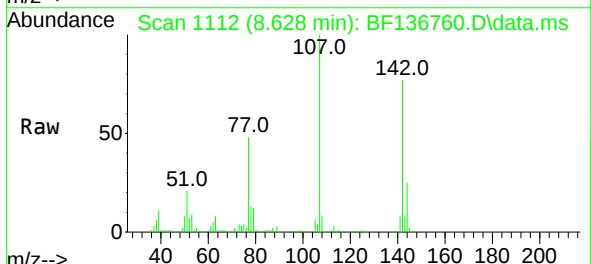
Tgt Ion:113 Resp: 55749
Ion Ratio Lower Upper
113 100
55 184.1 163.1 203.1
56 141.7 121.7 161.7

Manual Integrations
APPROVED

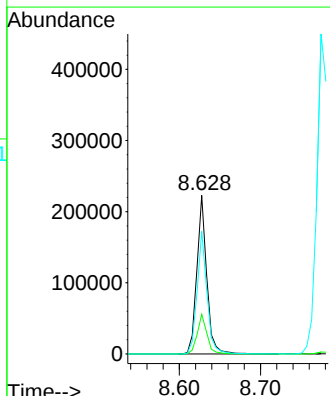
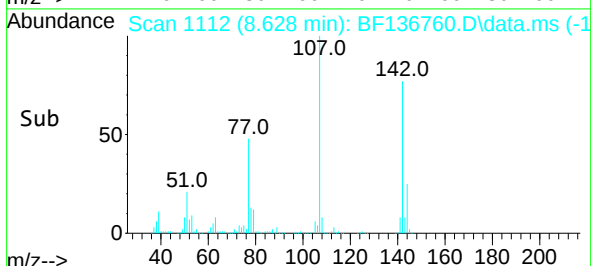
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

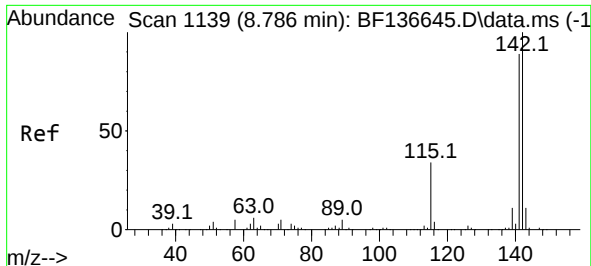


#36
4-Chloro-3-methylphenol
Concen: 39.642 ng
RT: 8.628 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14



Tgt Ion:107 Resp: 190613
Ion Ratio Lower Upper
107 100
144 25.0 20.2 30.2
142 77.4 62.3 93.5





#37

2-Methylnaphthalene

Concen: 39.153 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF136760.D

Acq: 27 Dec 2023 16:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:142 Resp: 40275

Ion Ratio Lower Upper

142 100

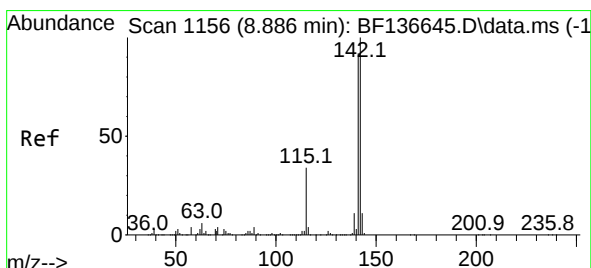
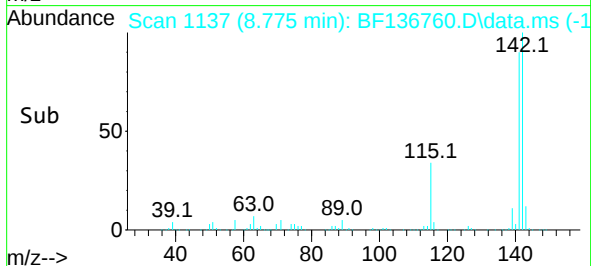
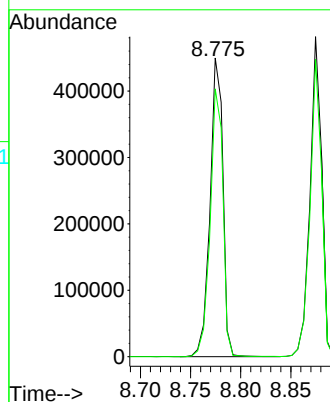
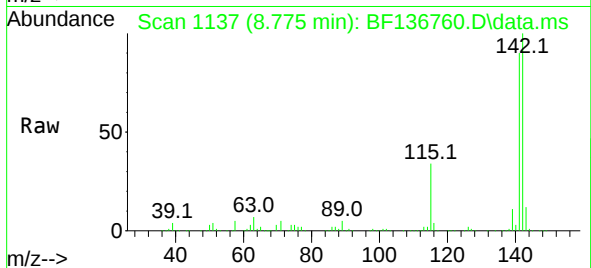
141 89.6 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#38

1-Methylnaphthalene

Concen: 38.563 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136760.D

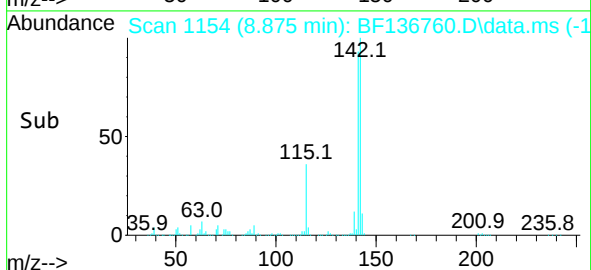
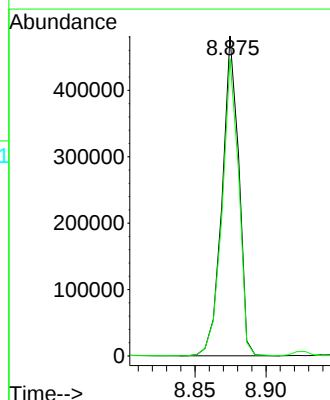
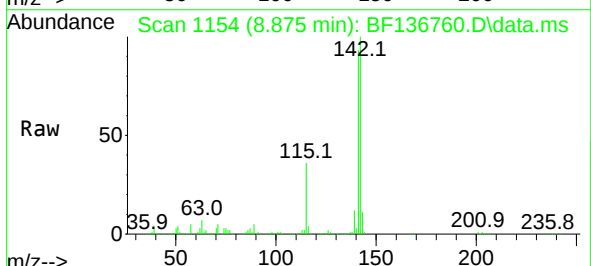
Acq: 27 Dec 2023 16:14

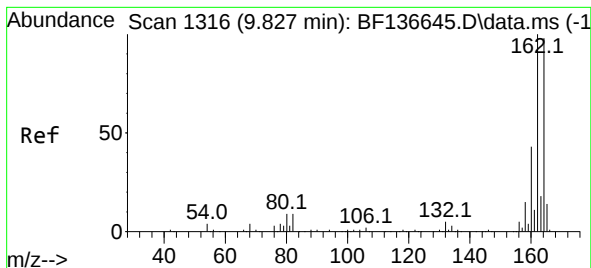
Tgt Ion:142 Resp: 389182

Ion Ratio Lower Upper

142 100

141 92.9 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF136760.D

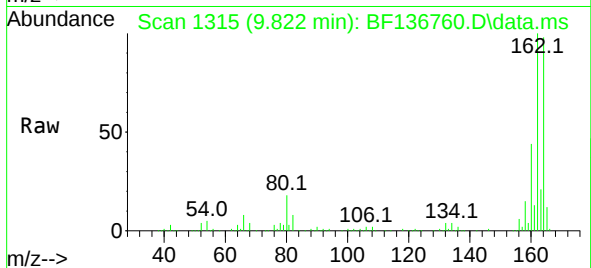
Acq: 27 Dec 2023 16:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:164 Resp: 144349

Ion Ratio Lower Upper

164 100

162 102.5 81.6 122.4

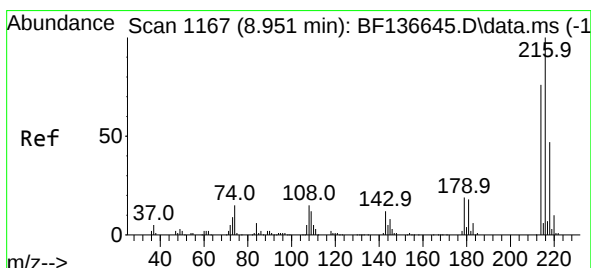
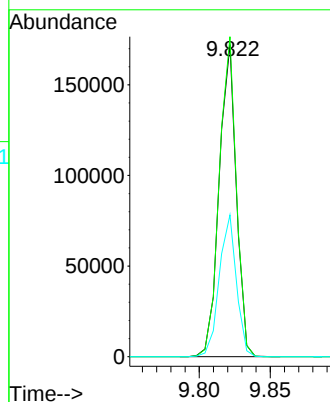
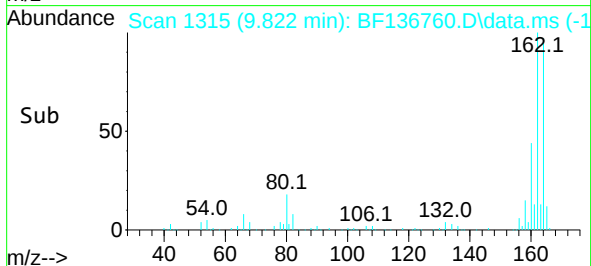
160 45.4 34.9 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.318 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF136760.D

Acq: 27 Dec 2023 16:14

Tgt Ion:216 Resp: 189172

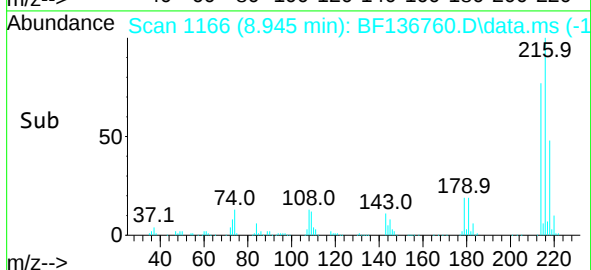
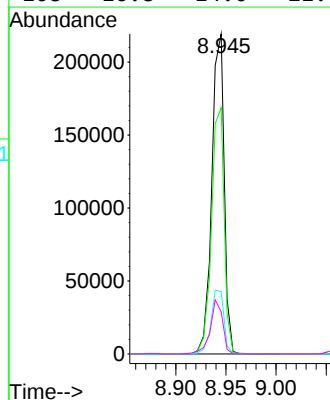
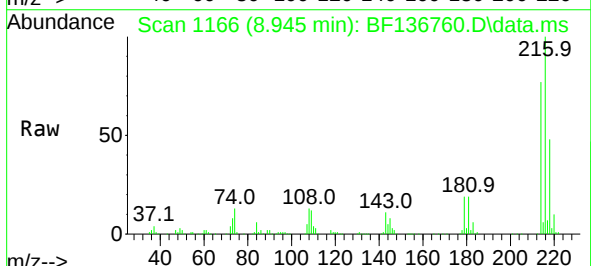
Ion Ratio Lower Upper

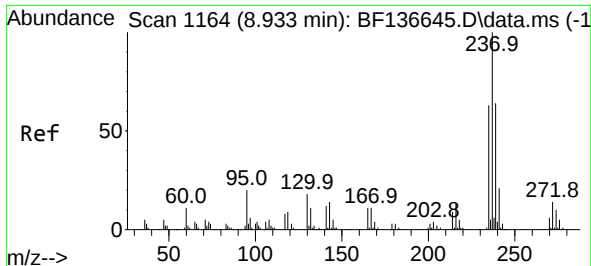
216 100

214 78.8 62.3 93.5

179 20.7 16.4 24.6

108 16.8 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 34.984 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14

Instrument :

BNA_F

ClientSampleId :

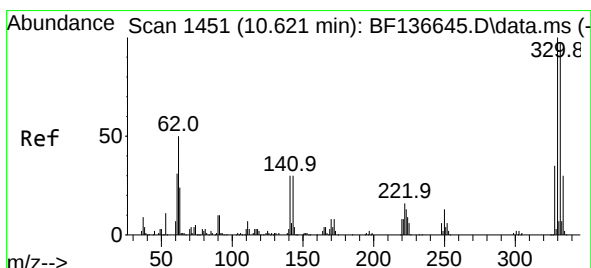
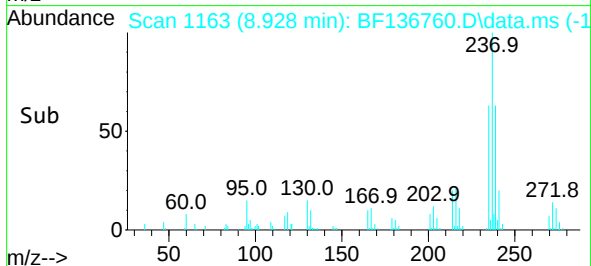
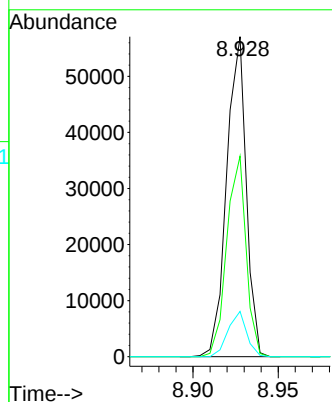
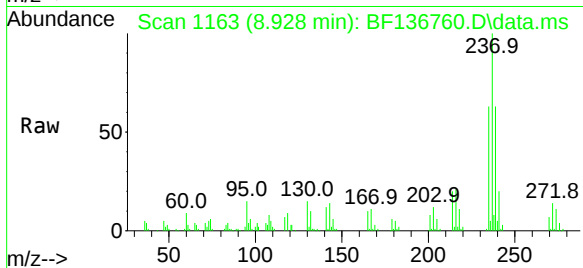
SSTDCCC040EC

Tgt Ion:237 Resp: 45679
Ion Ratio Lower Upper
237 100
235 62.7 43.2 83.2
272 14.2 0.0 34.2

Manual Integrations

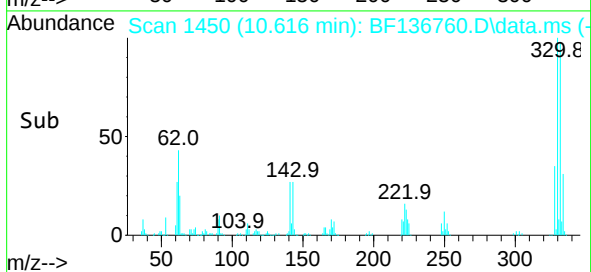
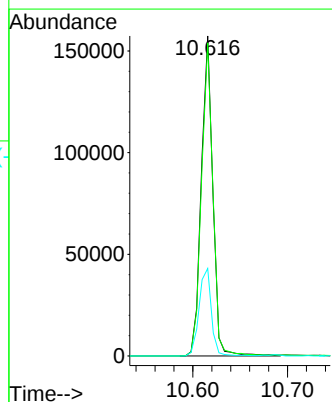
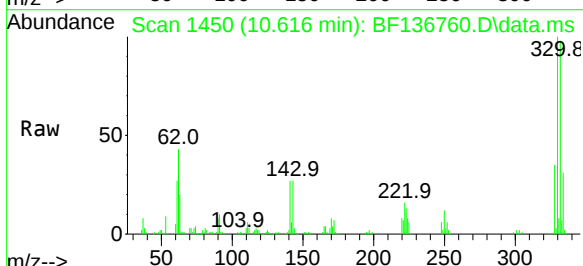
APPROVED

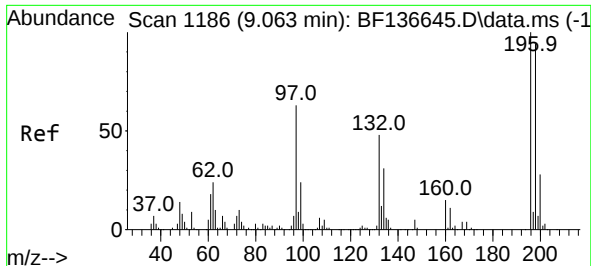
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#42
2,4,6-Tribromophenol
Concen: 78.168 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14

Tgt Ion:330 Resp: 132885
Ion Ratio Lower Upper
330 100
332 97.7 77.4 116.0
141 29.3 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 42.158 ng

RT: 9.057 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF136760.D

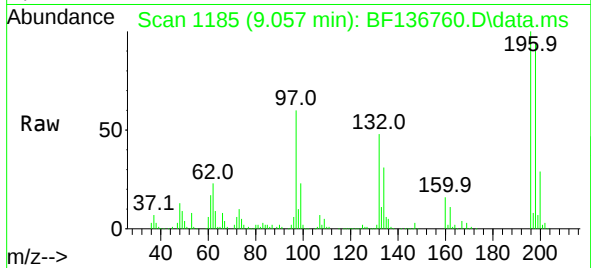
Acq: 27 Dec 2023 16:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:196 Resp: 120862

Ion Ratio Lower Upper

196 100

198 94.3 75.1 112.7

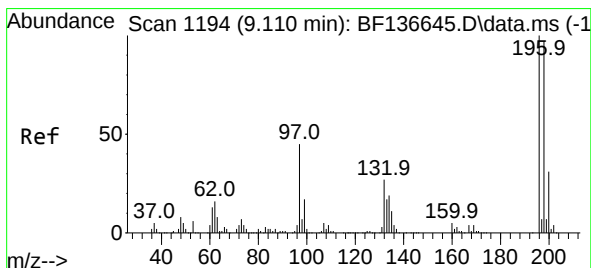
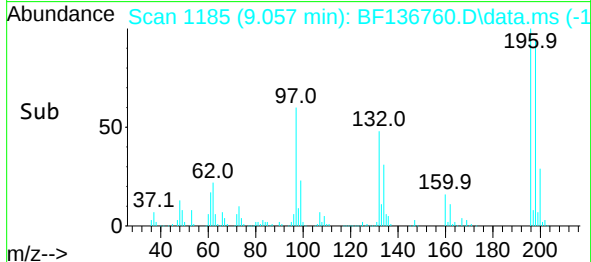
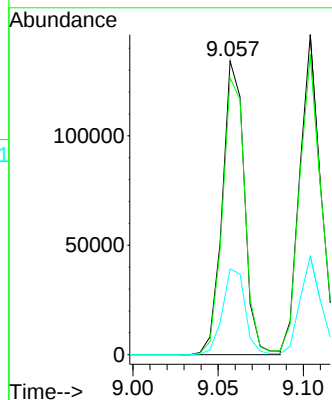
200 29.2 22.5 33.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#44

2,4,5-Trichlorophenol

Concen: 40.994 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF136760.D

Acq: 27 Dec 2023 16:14

Tgt Ion:196 Resp: 130966

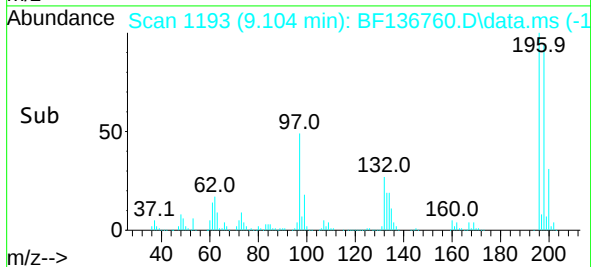
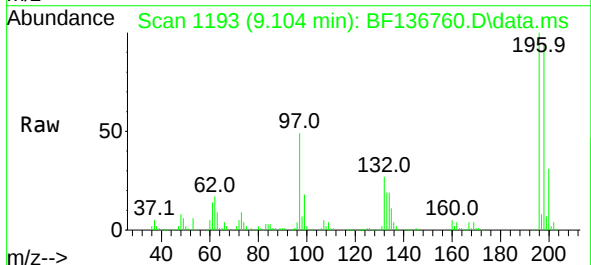
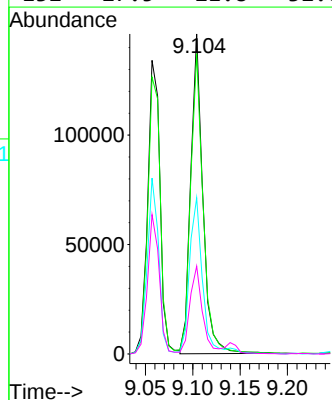
Ion Ratio Lower Upper

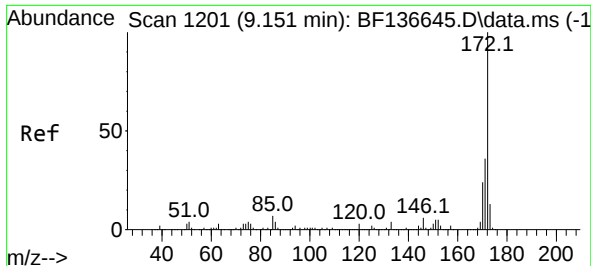
196 100

198 93.9 77.0 115.6

97 48.8 36.1 54.1

132 27.5 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 82.069 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136760.D

Acq: 27 Dec 2023 16:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

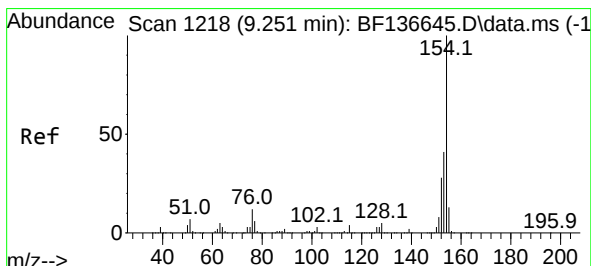
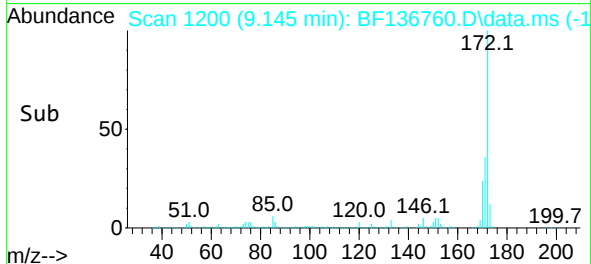
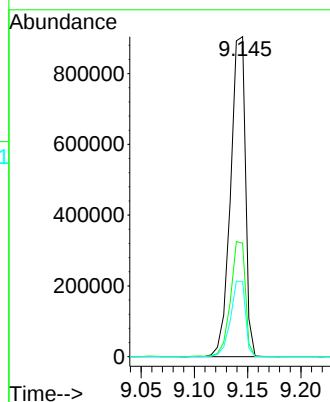
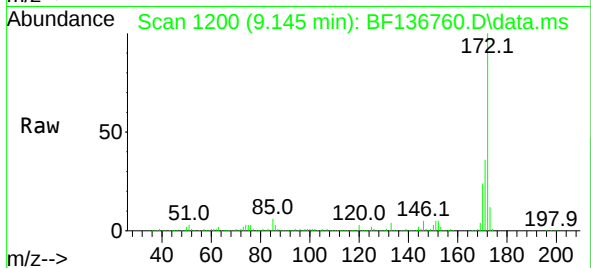
Tgt Ion:172 Resp: 880774
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.0 43.6
 170 23.6 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#46

1,1'-Biphenyl

Concen: 41.851 ng

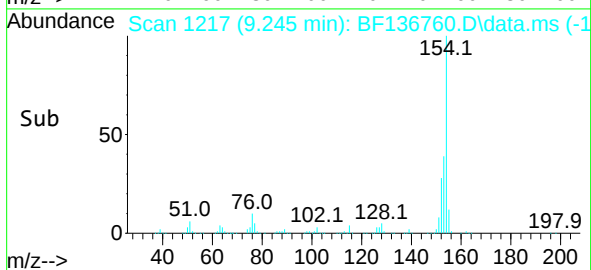
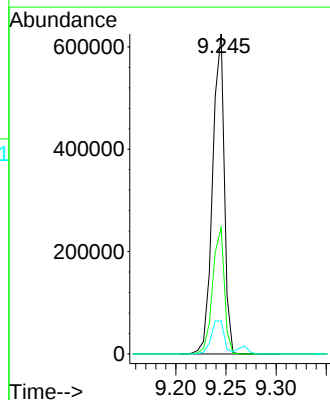
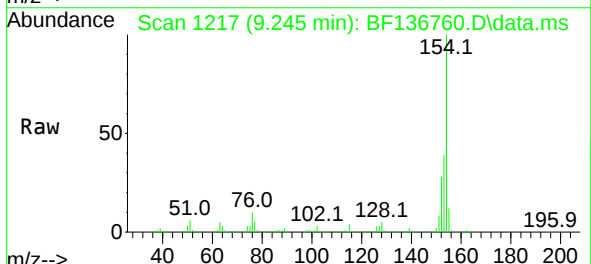
RT: 9.245 min Scan# 1217

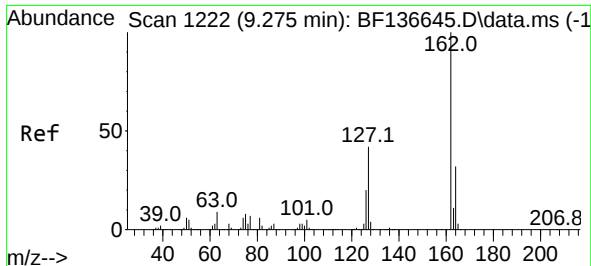
Delta R.T. -0.006 min

Lab File: BF136760.D

Acq: 27 Dec 2023 16:14

Tgt Ion:154 Resp: 506935
 Ion Ratio Lower Upper
 154 100
 153 39.5 21.1 61.1
 76 10.2 0.0 31.7





#47

2-Chloronaphthalene

Concen: 41.206 ng

RT: 9.269 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BF136760.D

Acq: 27 Dec 2023 16:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:162 Resp: 379438

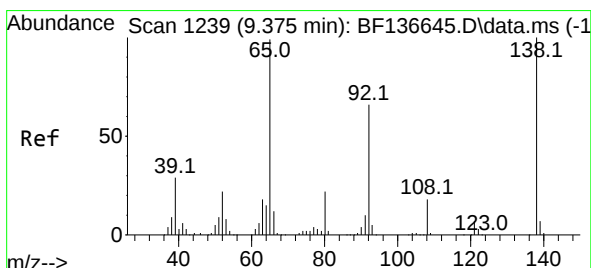
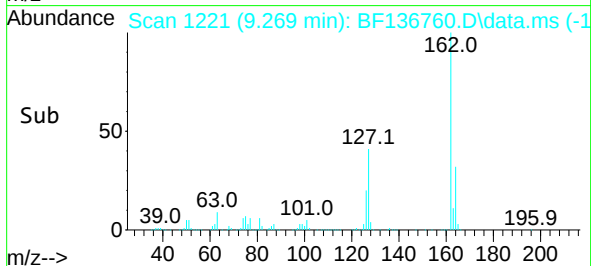
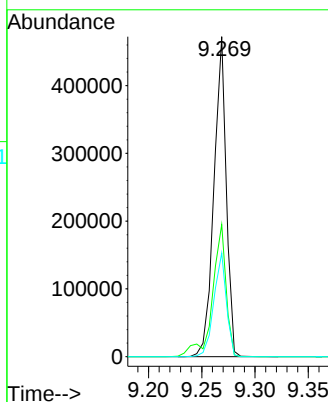
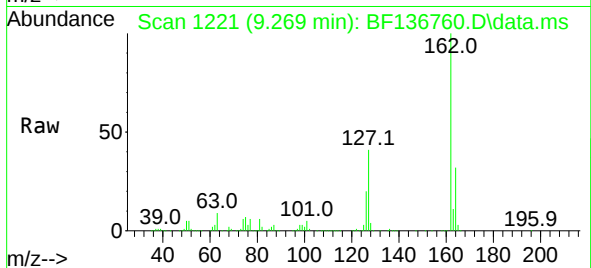
Ion	Ratio	Lower	Upper
162	100		
127	41.3	33.6	50.4
164	32.4	25.7	38.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#48

2-Nitroaniline

Concen: 40.869 ng

RT: 9.369 min Scan# 1238

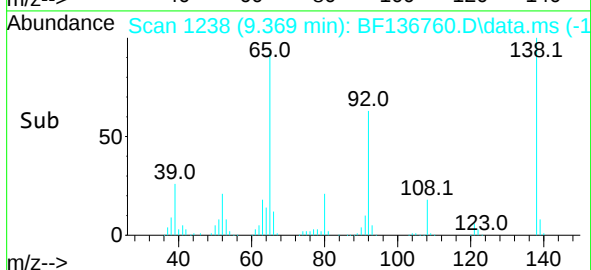
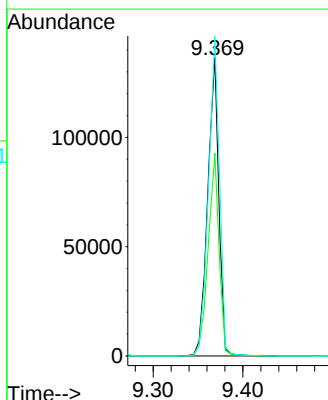
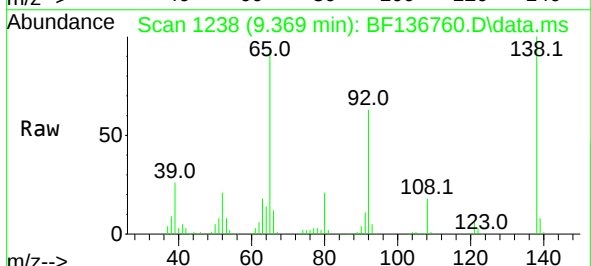
Delta R.T. -0.006 min

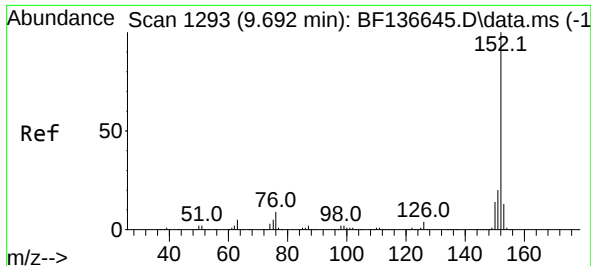
Lab File: BF136760.D

Acq: 27 Dec 2023 16:14

Tgt Ion: 65 Resp: 117848

Ion	Ratio	Lower	Upper
65	100		
92	67.9	53.2	79.8
138	107.2	81.1	121.7





#49

Acenaphthylene

Concen: 41.050 ng

RT: 9.680 min Scan# 1291

Delta R.T. -0.012 min

Lab File: BF136760.D

Acq: 27 Dec 2023 16:14

Instrument :

BNA_F

ClientSampleId :

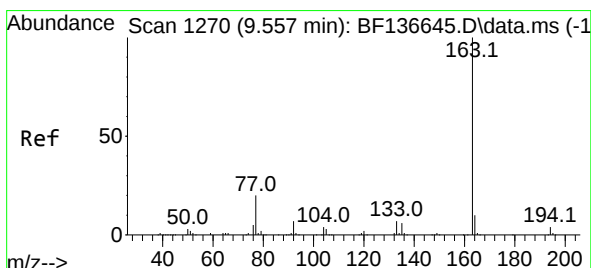
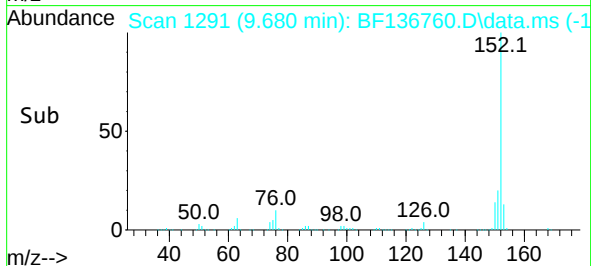
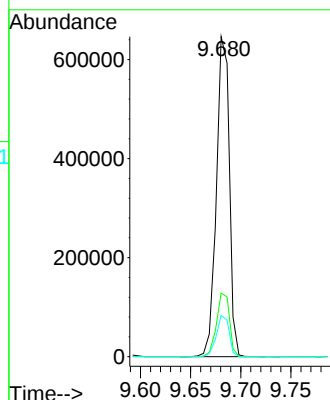
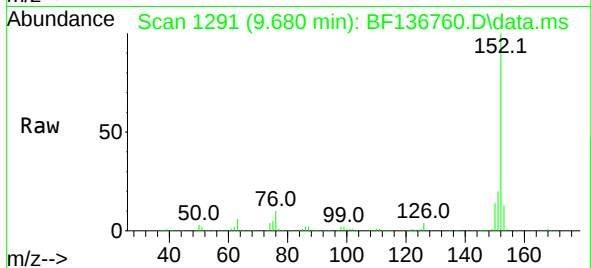
SSTDCCC040EC

Tgt Ion:152 Resp: 57776
 Ion Ratio Lower Upper
 152 100
 151 19.9 16.2 24.4
 153 12.9 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023
 Supervised By :mohammad ahmed 12/28/2023



#50

Dimethylphthalate

Concen: 39.985 ng

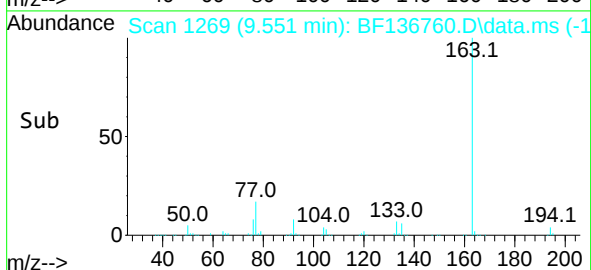
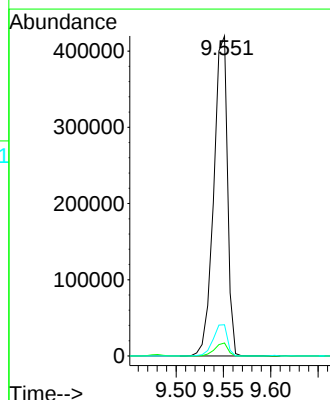
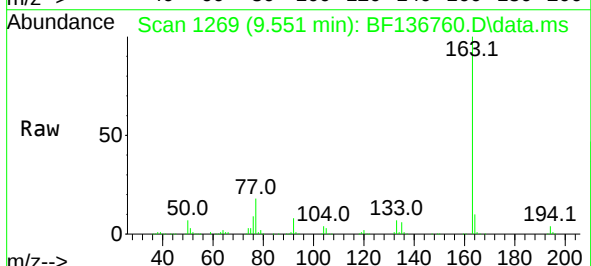
RT: 9.551 min Scan# 1269

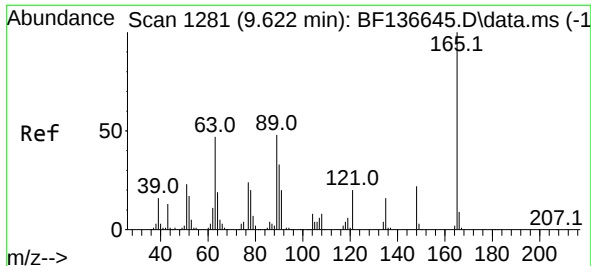
Delta R.T. -0.006 min

Lab File: BF136760.D

Acq: 27 Dec 2023 16:14

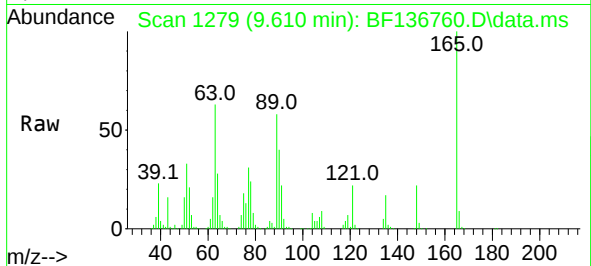
Tgt Ion:163 Resp: 421574
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.3 4.9
 164 9.7 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 41.484 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14

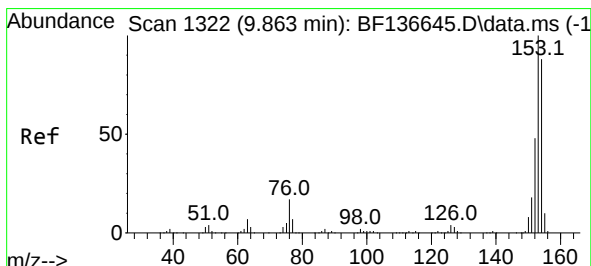
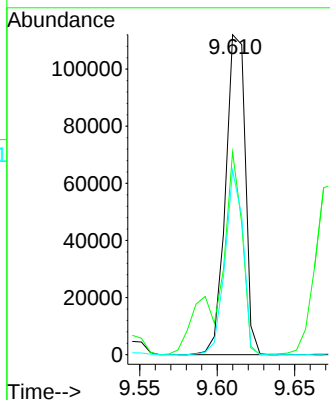
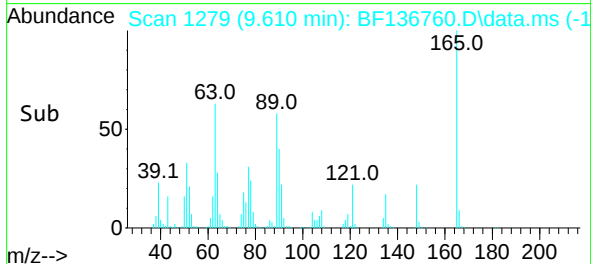
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



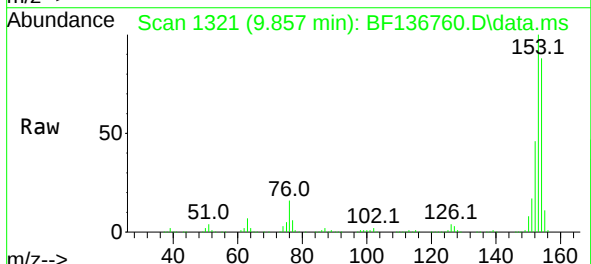
Tgt Ion:165 Resp: 99263
Ion Ratio Lower Upper
165 100
63 63.3 39.8 59.6
89 57.6 38.8 58.2

Manual Integrations
APPROVED

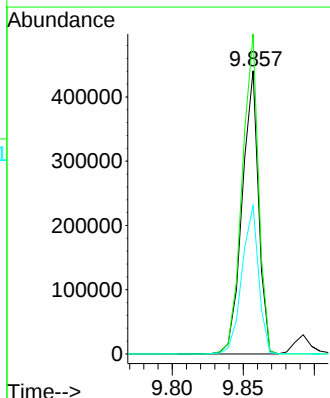
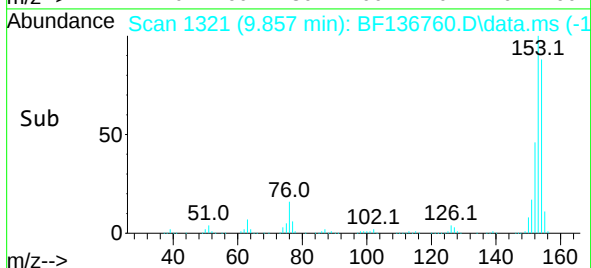
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

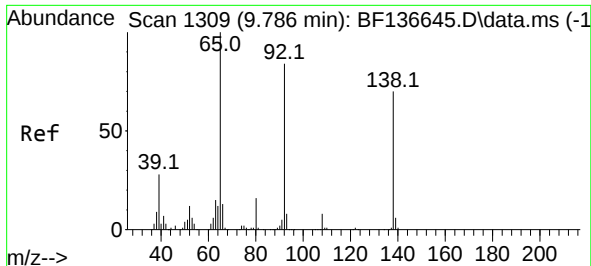


#52
Acenaphthene
Concen: 40.457 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14



Tgt Ion:154 Resp: 352975
Ion Ratio Lower Upper
154 100
153 113.0 90.7 136.1
152 52.4 43.7 65.5





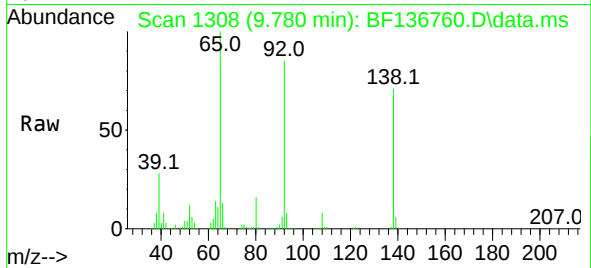
#53
3-Nitroaniline
Concen: 39.914 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



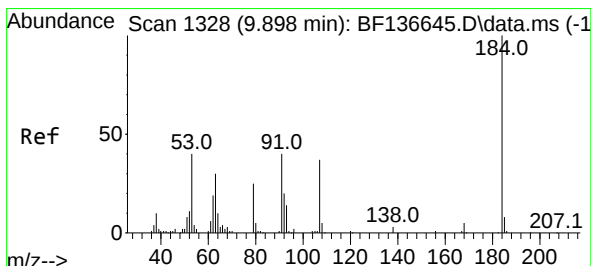
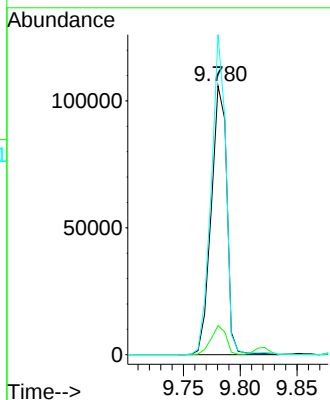
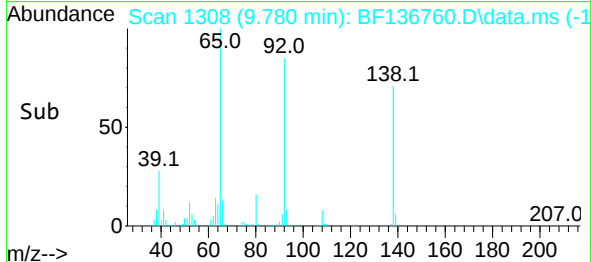
Tgt Ion:138 Resp: 101172
Ion Ratio Lower Upper
138 100
108 10.8 8.6 12.8
92 119.0 95.2 142.8

Manual Integrations

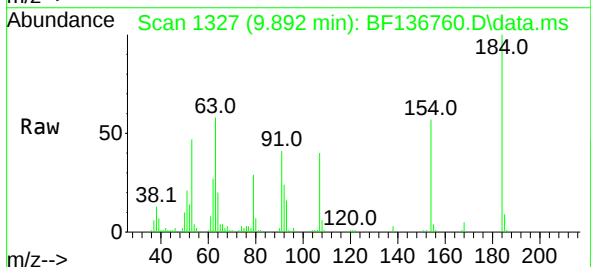
APPROVED

Reviewed By :Yogesh Patel 12/28/2023

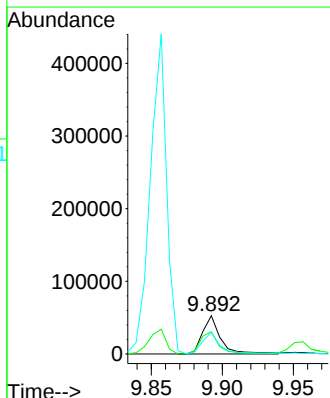
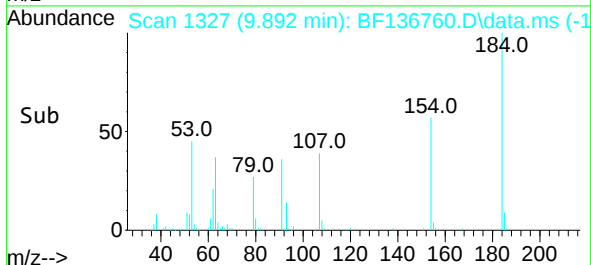
Supervised By :mohammad ahmed 12/28/2023

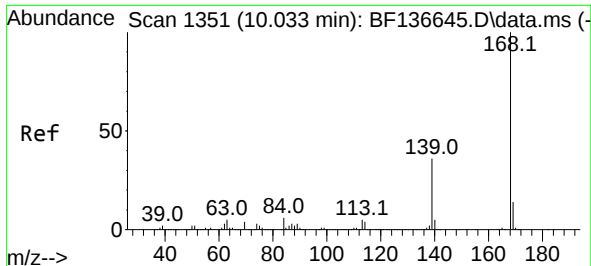


#54
2,4-Dinitrophenol
Concen: 37.146 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14



Tgt Ion:184 Resp: 46478
Ion Ratio Lower Upper
184 100
63 58.2 40.9 61.3
154 56.9 42.7 64.1





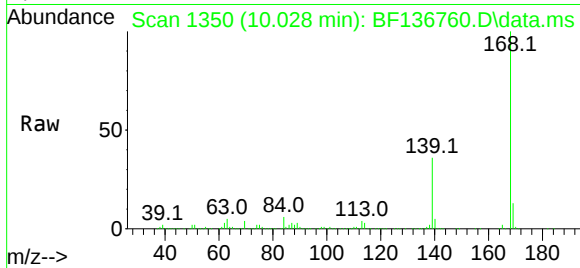
#55
Dibenzenofuran
Concen: 39.742 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

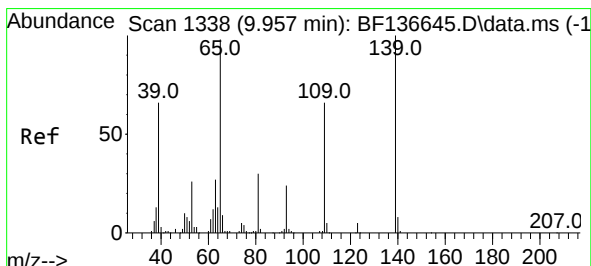
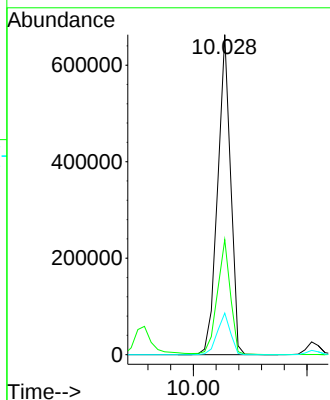
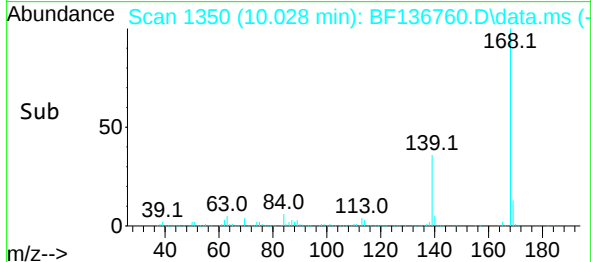


Tgt Ion:168 Resp: 52560
Ion Ratio Lower Upper
168 100
139 36.0 29.3 43.9
169 13.0 11.0 16.4

Manual Integrations

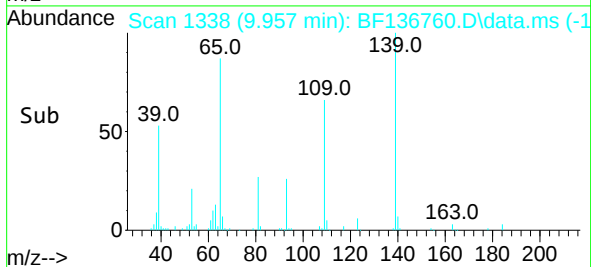
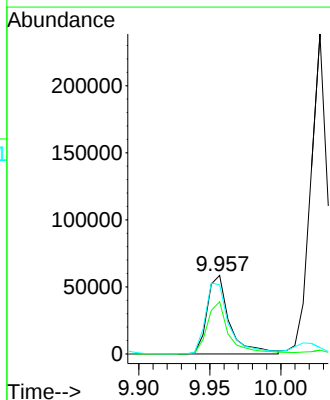
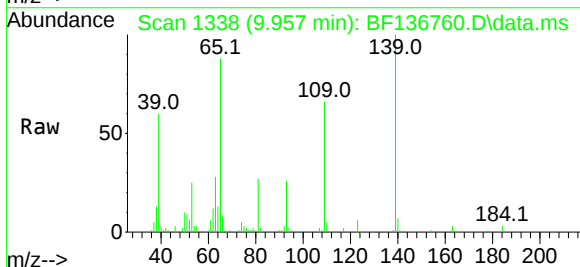
APPROVED

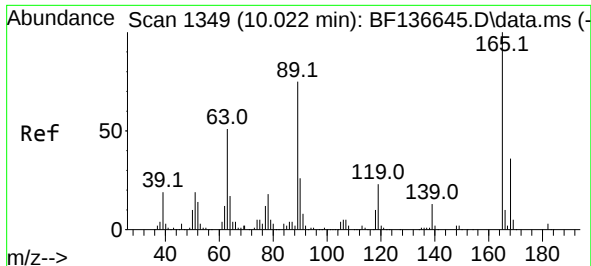
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#56
4-Nitrophenol
Concen: 37.499 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14

Tgt Ion:139 Resp: 64164
Ion Ratio Lower Upper
139 100
109 66.4 45.8 85.8
65 88.0 77.8 117.8





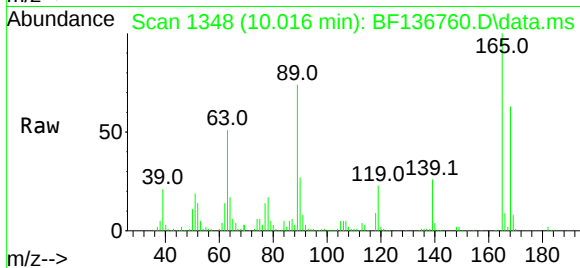
#57
2,4-Dinitrotoluene
Concen: 41.109 ng
RT: 10.016 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

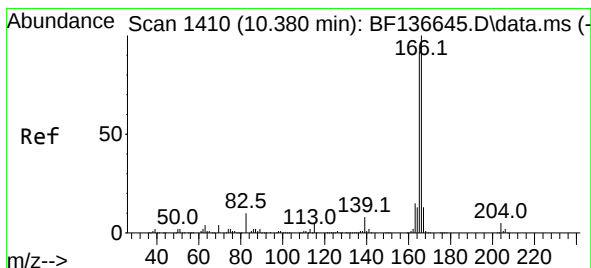
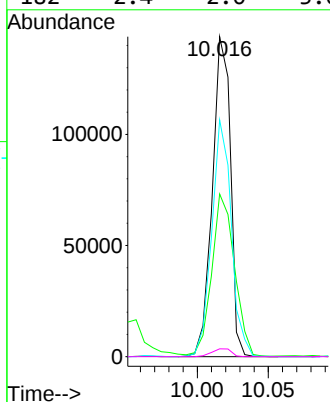
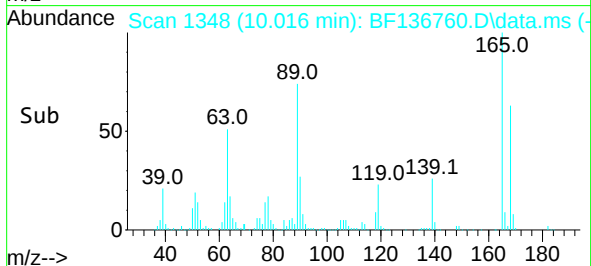


Tgt Ion:165 Resp: 127699
Ion Ratio Lower Upper
165 100
63 50.8 41.0 61.6
89 74.0 59.9 89.9
182 2.4 2.0 3.0

Manual Integrations

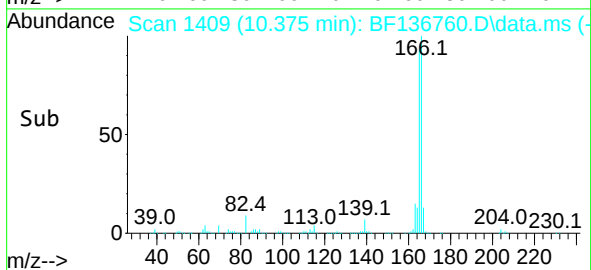
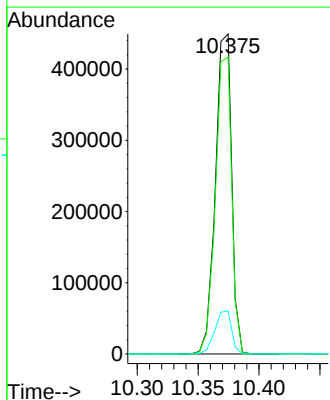
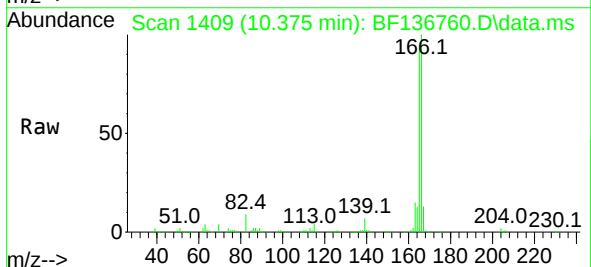
APPROVED

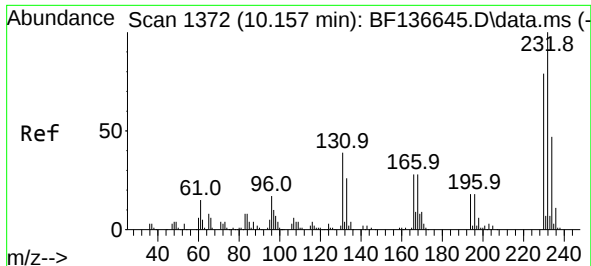
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#58
Fluorene
Concen: 39.819 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14

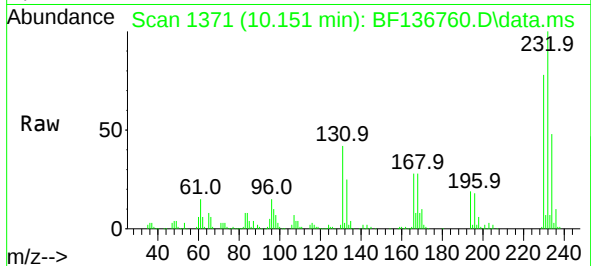
Tgt Ion:166 Resp: 417854
Ion Ratio Lower Upper
166 100
165 92.8 73.7 110.5
167 13.5 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.524 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14

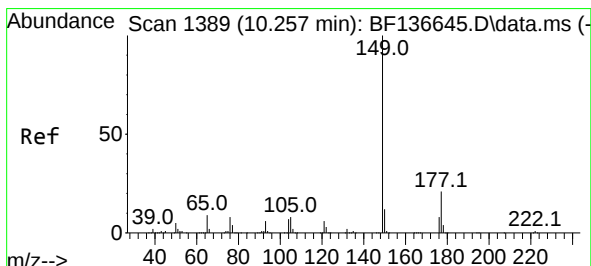
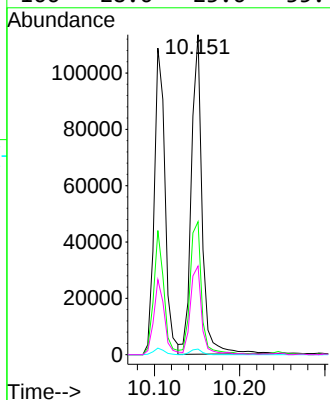
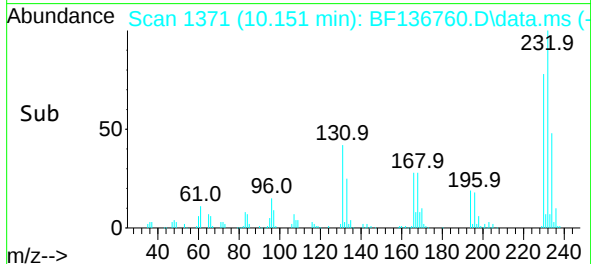
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:232 Resp: 99659
Ion Ratio Lower Upper
232 100
131 44.9 35.1 52.7
130 1.9 1.6 2.4
166 28.6 23.6 35.4

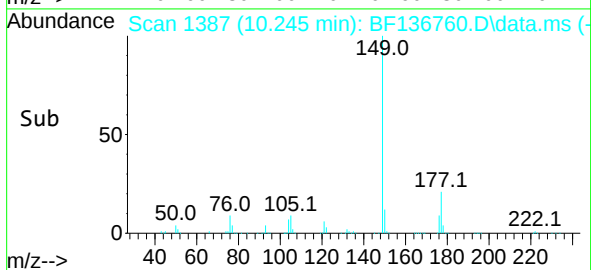
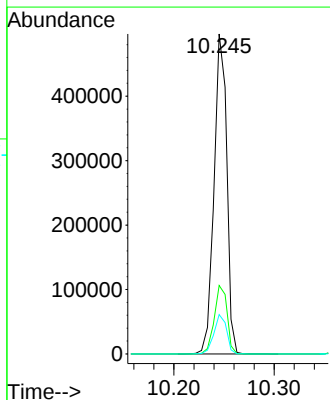
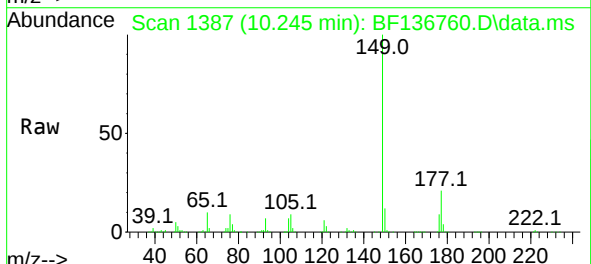
Manual Integrations
APPROVED

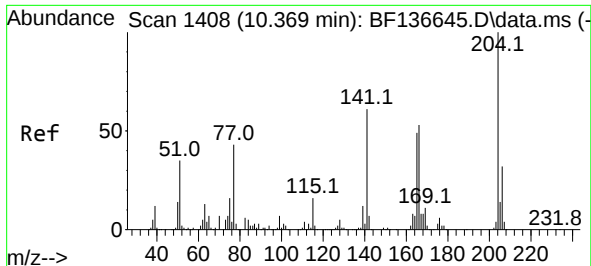
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#60
Diethylphthalate
Concen: 40.001 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14

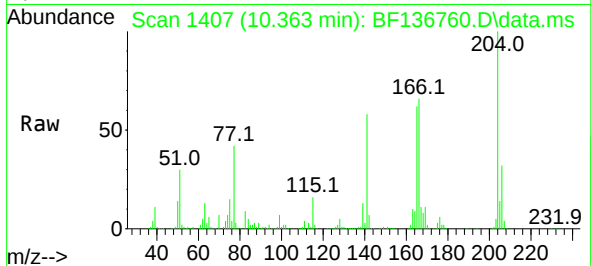
Tgt Ion:149 Resp: 437586
Ion Ratio Lower Upper
149 100
177 21.4 16.9 25.3
150 12.3 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 39.230 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14

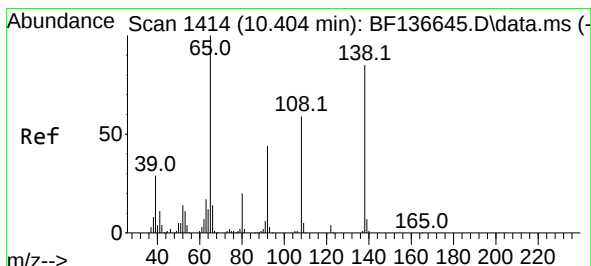
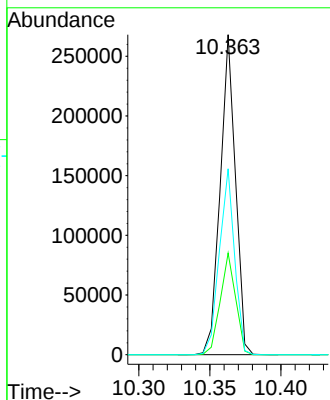
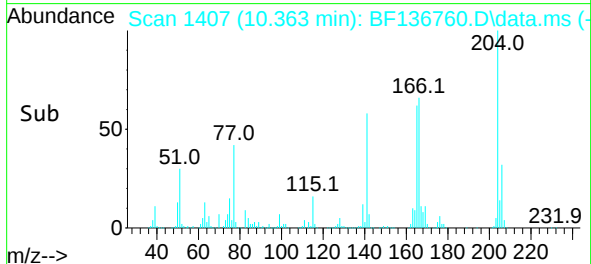
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



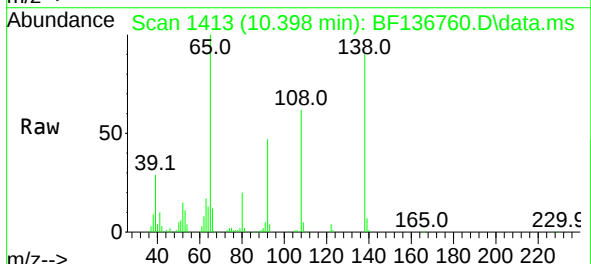
Tgt Ion:204 Resp: 20010
Ion Ratio Lower Upper
204 100
206 31.7 25.6 38.4
141 58.1 48.4 72.6

Manual Integrations
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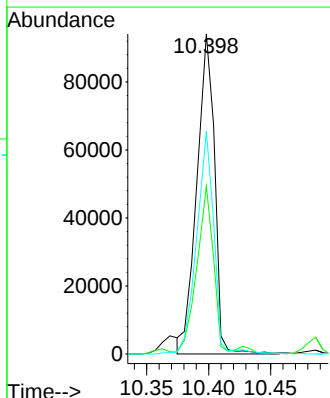
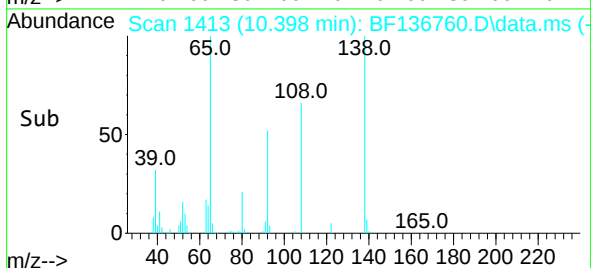
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

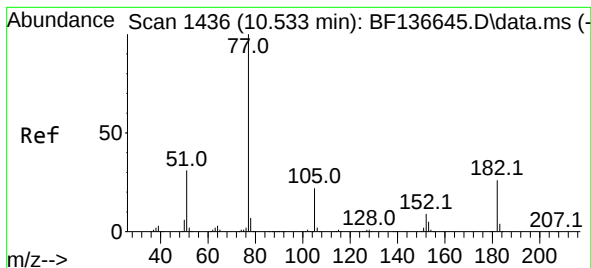


#62
4-Nitroaniline
Concen: 38.345 ng m
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14



Tgt Ion:138 Resp: 93697
Ion Ratio Lower Upper
138 100
92 52.4 32.1 72.1
108 69.6 50.1 90.1





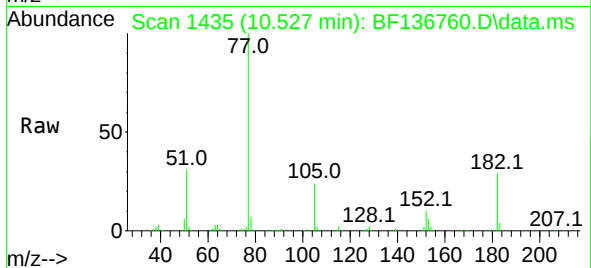
#63
Azobenzene
Concen: 38.571 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

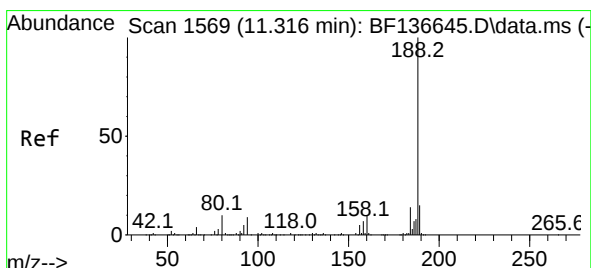
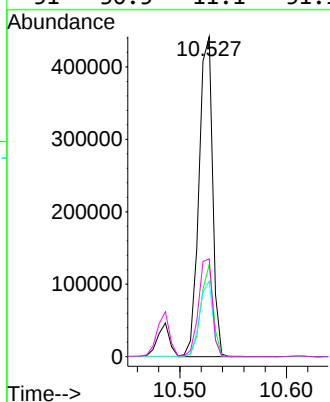
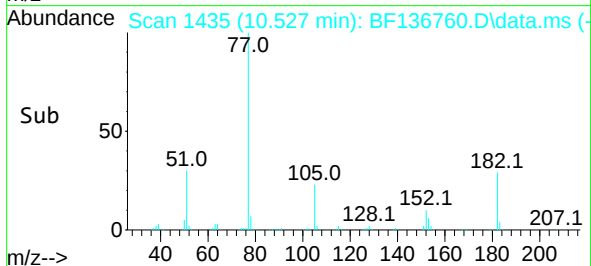


Tgt Ion: 77 Resp: 394095
Ion Ratio Lower Upper
77 100
182 28.8 6.0 46.0
105 23.6 2.3 42.3
51 30.5 11.1 51.1

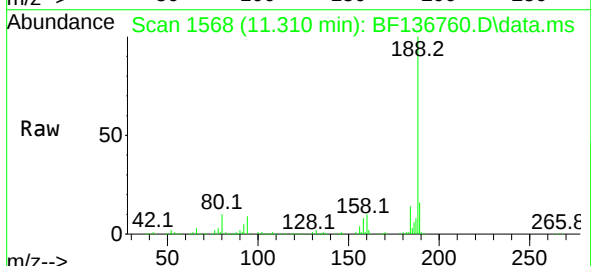
Manual Integrations

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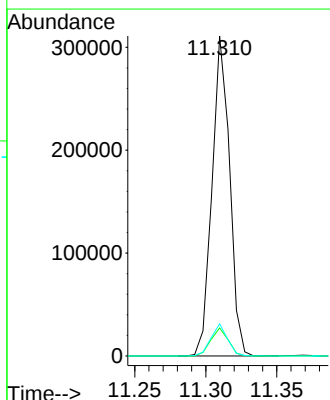
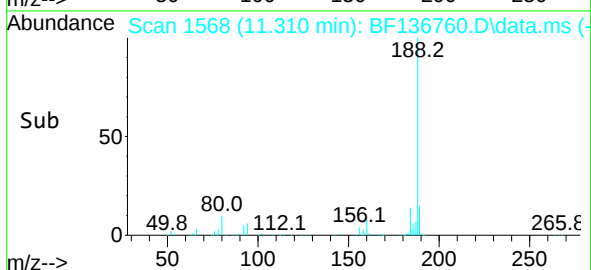
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

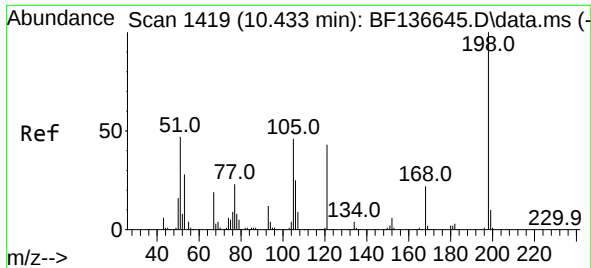


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14



Tgt Ion:188 Resp: 267920
Ion Ratio Lower Upper
188 100
94 8.7 7.5 11.3
80 10.1 8.1 12.1





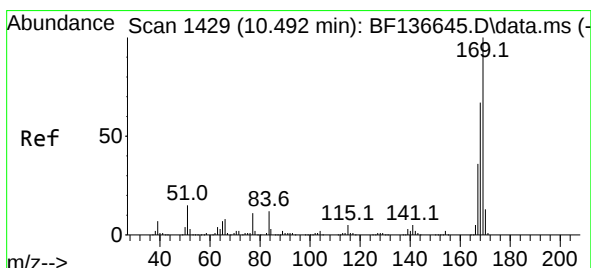
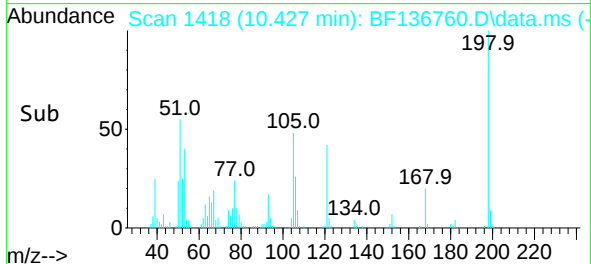
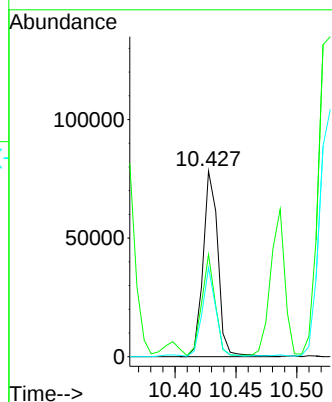
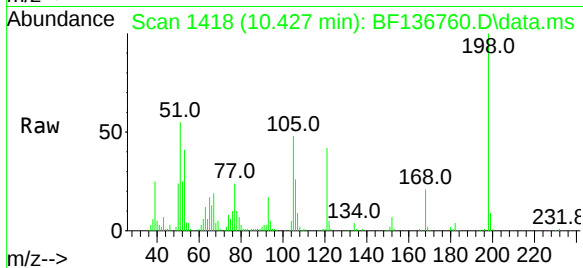
#65
4,6-Dinitro-2-methylphenol
Concen: 43.307 ng
RT: 10.427 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:198 Resp: 66490
Ion Ratio Lower Upper
198 100
51 55.1 34.1 74.1
105 48.0 27.3 67.3

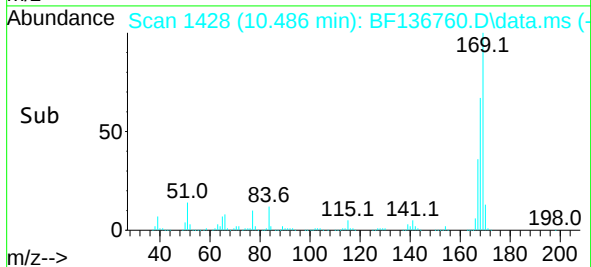
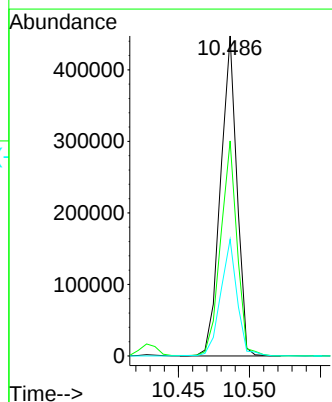
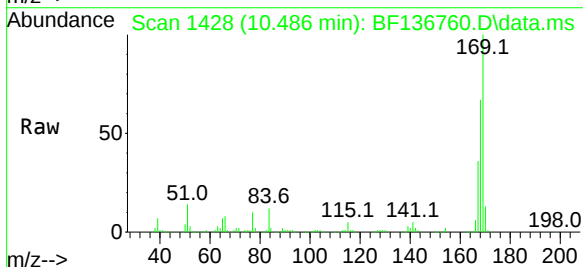
Manual Integrations
APPROVED

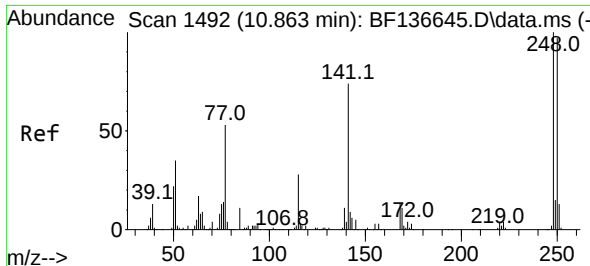
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#66
n-Nitrosodiphenylamine
Concen: 41.134 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14

Tgt Ion:169 Resp: 358003
Ion Ratio Lower Upper
169 100
168 67.2 53.8 80.6
167 36.4 28.7 43.1





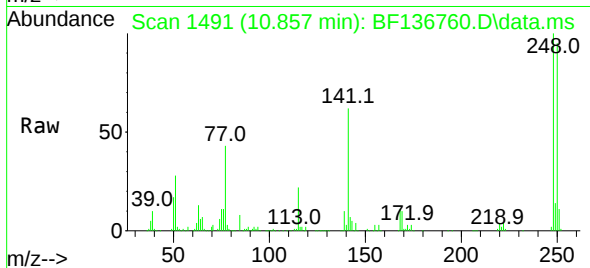
#67
4-Bromophenyl-phenylether
Concen: 41.217 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



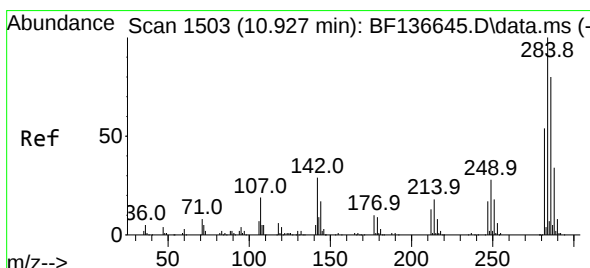
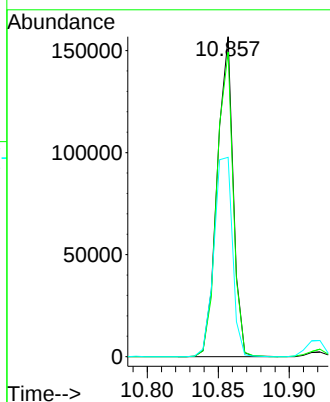
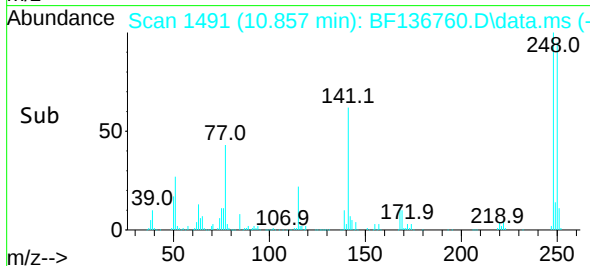
Tgt Ion:248 Resp: 122638
Ion Ratio Lower Upper
248 100
250 95.2 77.8 116.6
141 62.3 59.2 88.8

Manual Integrations

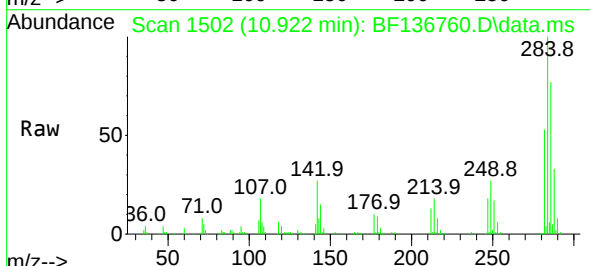
APPROVED

Reviewed By :Yogesh Patel 12/28/2023

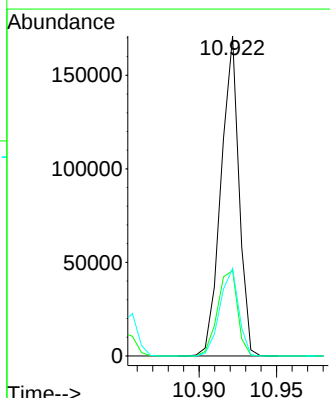
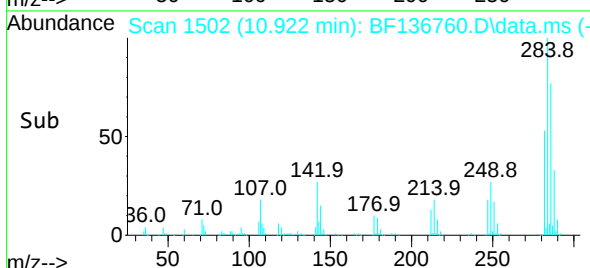
Supervised By :mohammad ahmed 12/28/2023

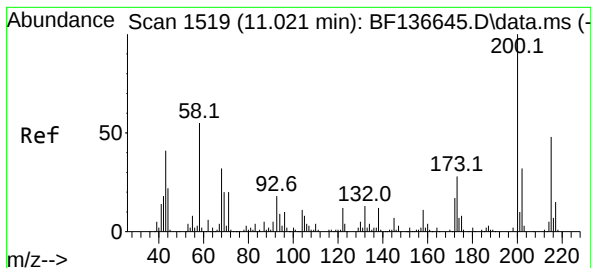


#68
Hexachlorobenzene
Concen: 41.596 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14



Tgt Ion:284 Resp: 137927
Ion Ratio Lower Upper
284 100
142 26.7 23.4 35.0
249 27.3 22.3 33.5





#69

Atrazine

Concen: 42.285 ng

RT: 11.016 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF136760.D

Acq: 27 Dec 2023 16:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

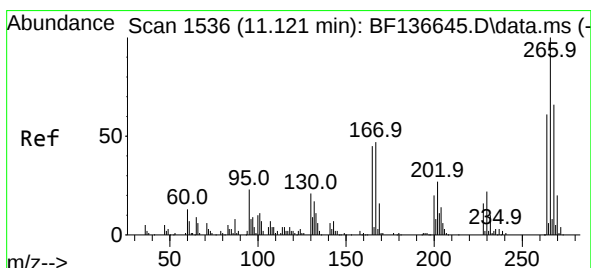
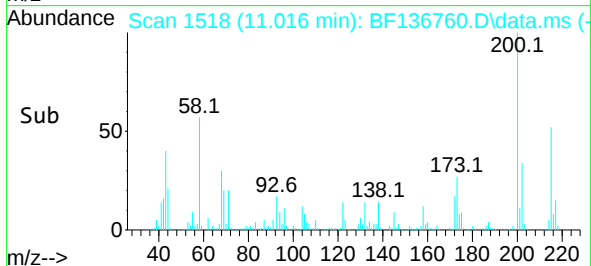
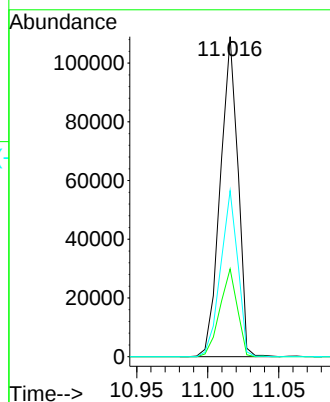
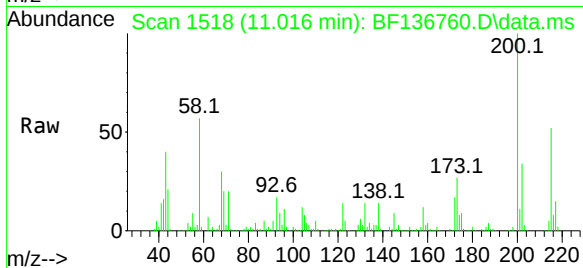
Tgt Ion:200 Resp: 94127
 Ion Ratio Lower Upper
 200 100
 173 27.4 7.6 47.6
 215 51.9 28.3 68.3

Manual Integrations

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Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#70

Pentachlorophenol

Concen: 41.206 ng

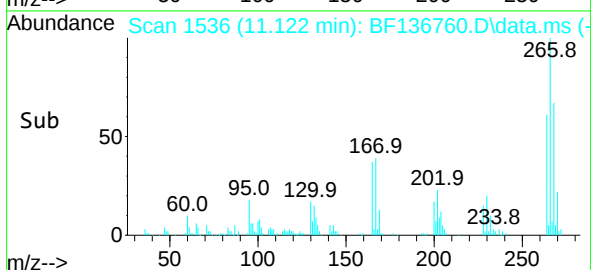
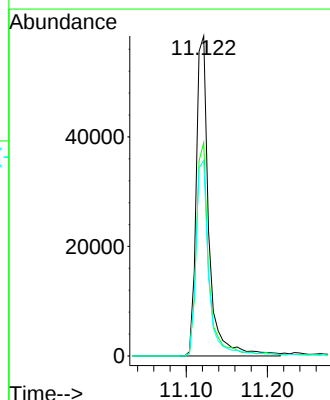
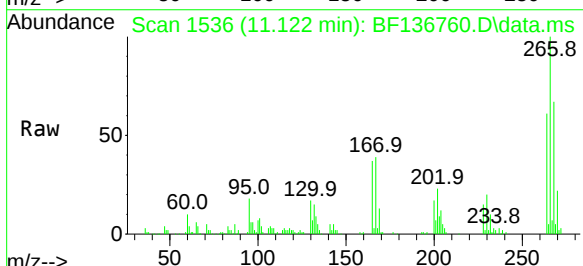
RT: 11.122 min Scan# 1536

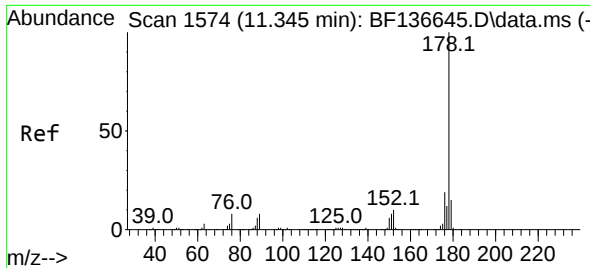
Delta R.T. 0.000 min

Lab File: BF136760.D

Acq: 27 Dec 2023 16:14

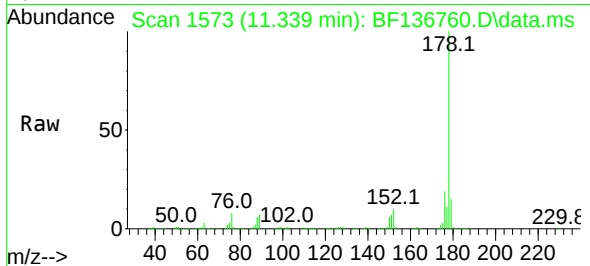
Tgt Ion:266 Resp: 63687
 Ion Ratio Lower Upper
 266 100
 268 66.6 52.6 78.8
 264 61.1 49.0 73.4





#71
Phenanthrene
Concen: 41.130 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14

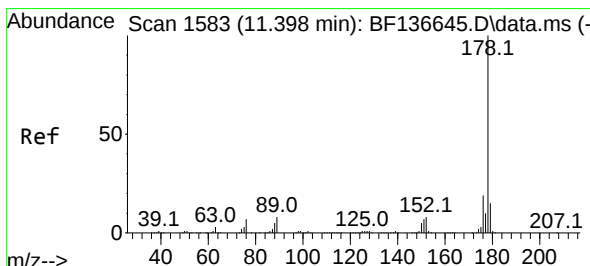
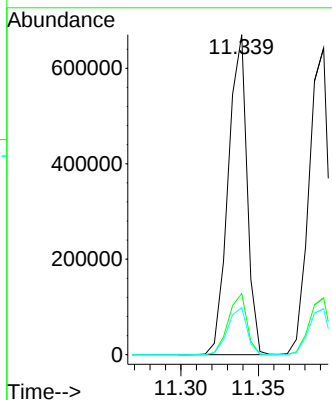
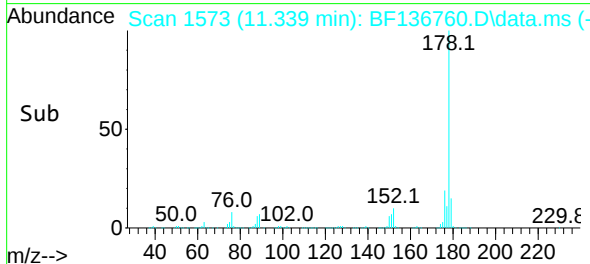
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



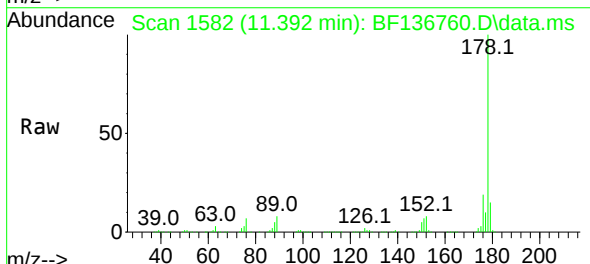
Tgt Ion:178 Resp: 565420
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 14.7 11.9 17.9

Manual Integrations
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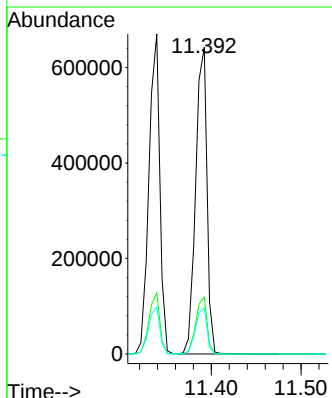
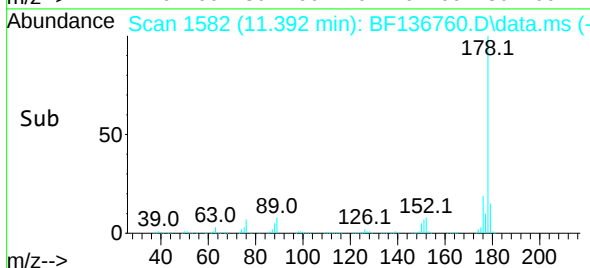
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

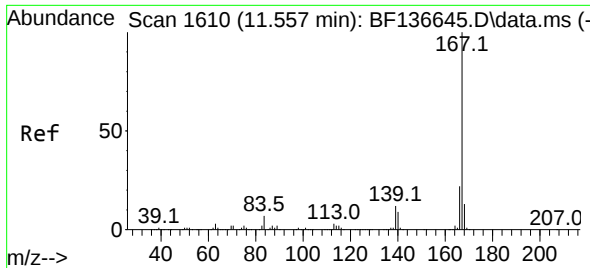


#72
Anthracene
Concen: 40.445 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14



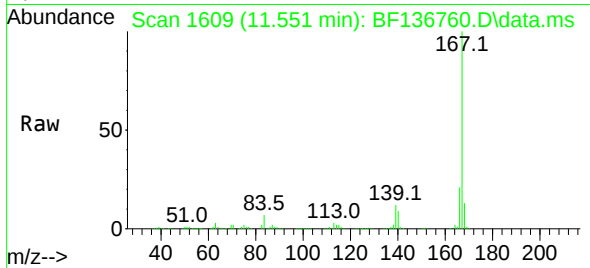
Tgt Ion:178 Resp: 563080
Ion Ratio Lower Upper
178 100
176 18.5 14.9 22.3
179 15.0 11.8 17.6





#73
 Carbazole
 Concen: 40.445 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF136760.D
 Acq: 27 Dec 2023 16:14

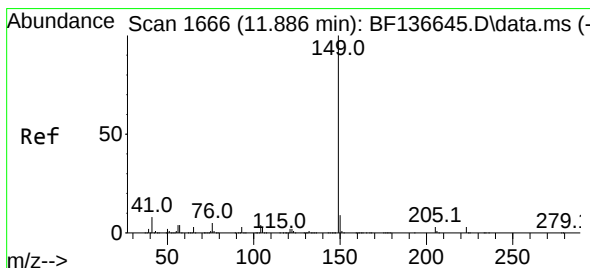
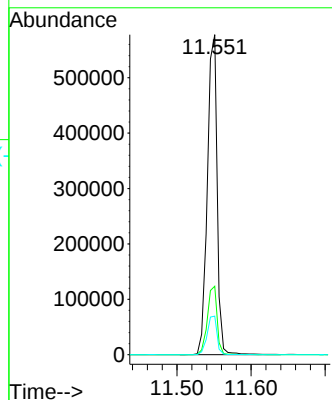
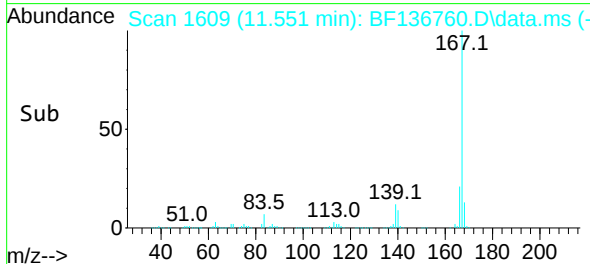
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



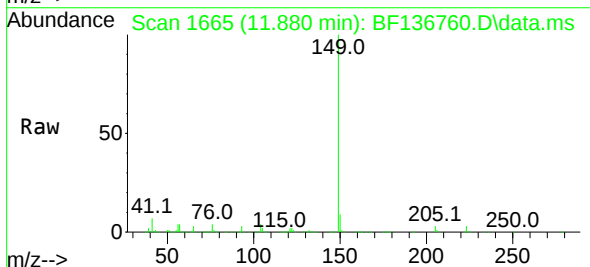
Tgt Ion:167 Resp: 53088
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.3 25.9
 139 12.0 9.8 14.6

Manual Integrations
 APPROVED

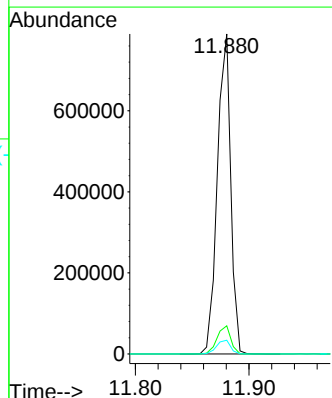
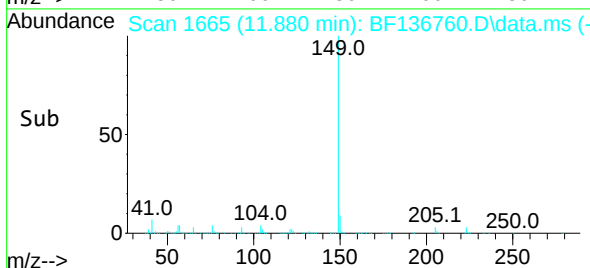
Reviewed By :Yogesh Patel 12/28/2023
 Supervised By :mohammad ahmed 12/28/2023

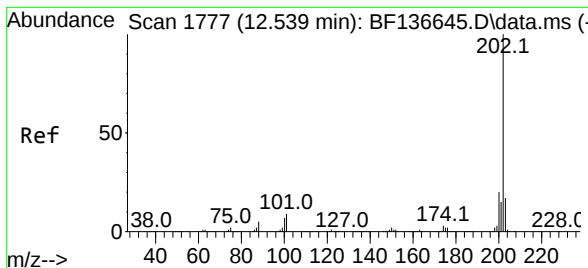


#74
 Di-n-butylphthalate
 Concen: 40.291 ng
 RT: 11.880 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF136760.D
 Acq: 27 Dec 2023 16:14



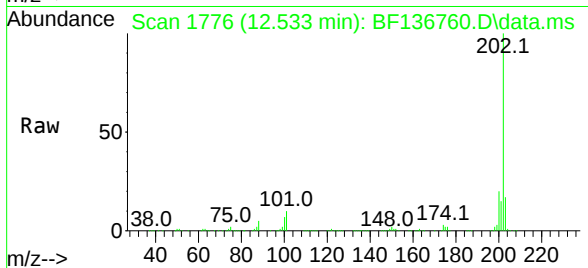
Tgt Ion:149 Resp: 645341
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.4 11.2
 104 4.3 3.6 5.4





#75
Fluoranthene
Concen: 40.339 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14

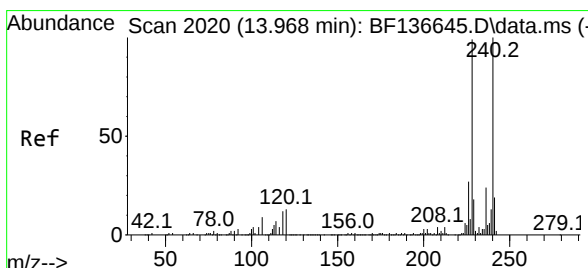
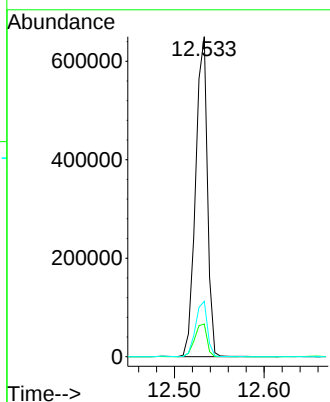
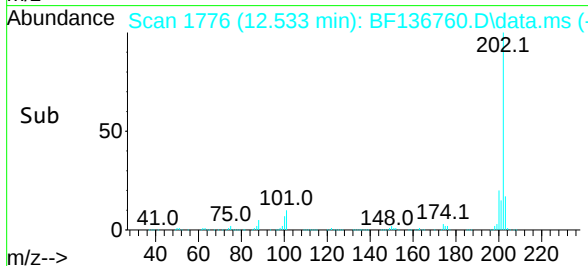
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:202 Resp: 59316
Ion Ratio Lower Upper
202 100
101 10.2 0.0 29.3
203 17.3 0.0 37.1

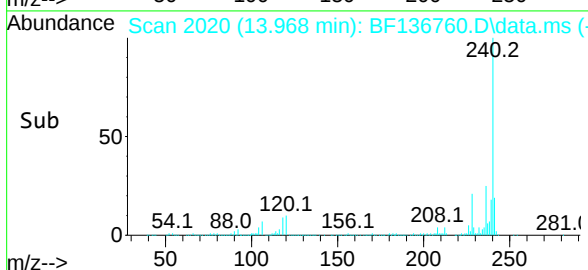
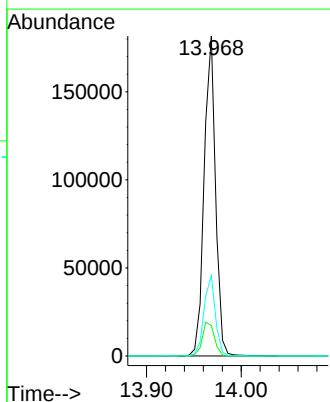
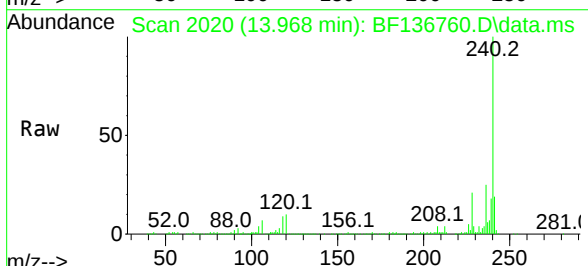
Manual Integrations
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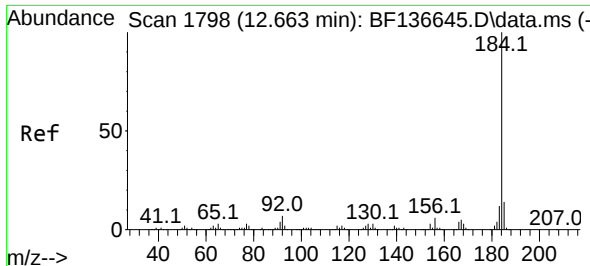
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14

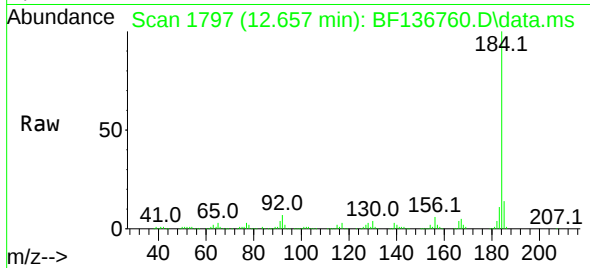
Tgt Ion:240 Resp: 151305
Ion Ratio Lower Upper
240 100
120 9.6 10.3 15.5#
236 25.2 19.4 29.2





#77
Benzidine
Concen: 34.206 ng
RT: 12.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14

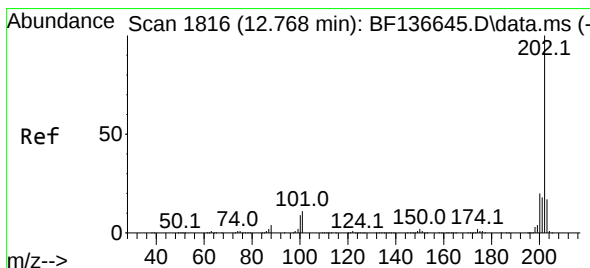
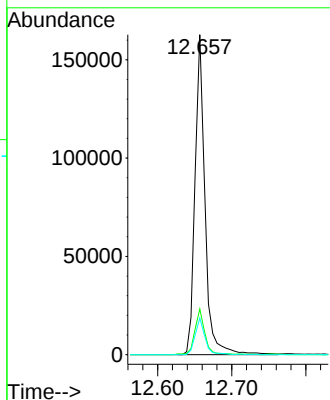
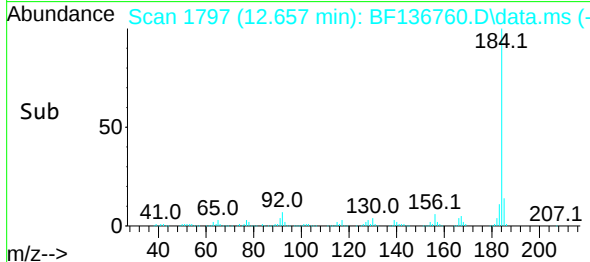
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



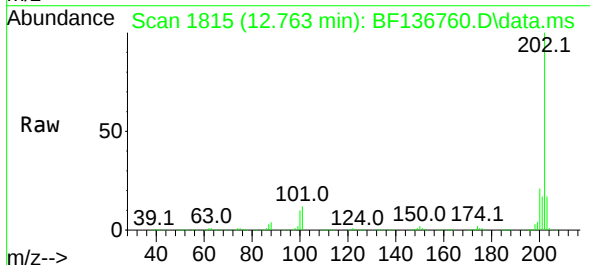
Tgt Ion:184 Resp: 152600
Ion Ratio Lower Upper
184 100
185 14.3 11.2 16.8
183 11.5 9.3 13.9

Manual Integrations
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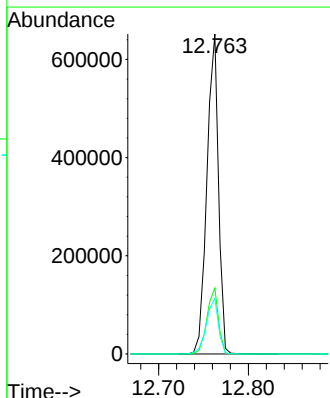
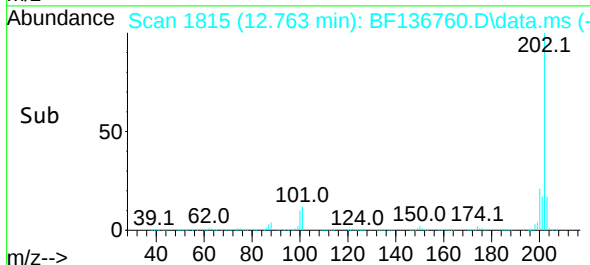
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

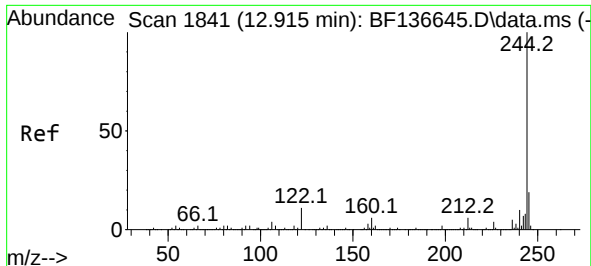


#78
Pyrene
Concen: 39.160 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14



Tgt Ion:202 Resp: 581644
Ion Ratio Lower Upper
202 100
200 20.6 15.9 23.9
203 17.3 13.8 20.6





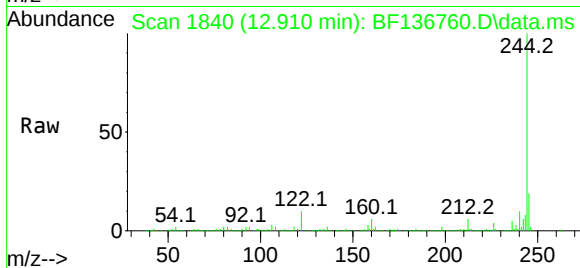
#79
 Terphenyl-d14
 Concen: 77.115 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF136760.D
 Acq: 27 Dec 2023 16:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

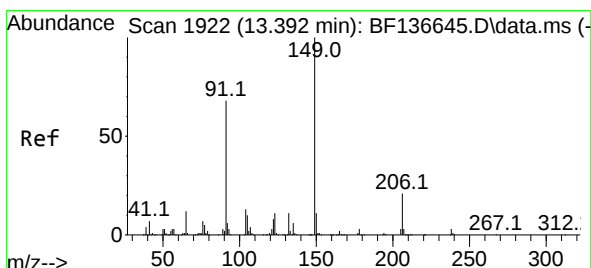
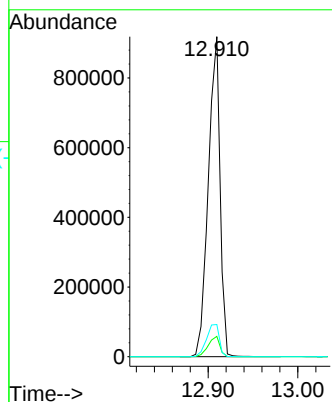
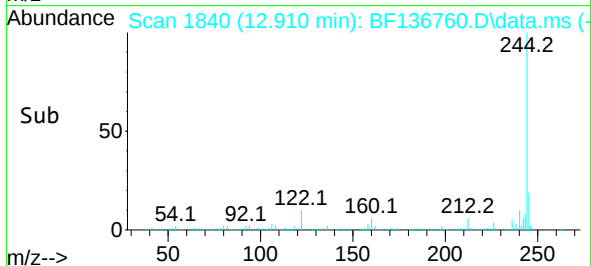


Tgt Ion:244 Resp: 834930
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 10.1 9.0 13.4

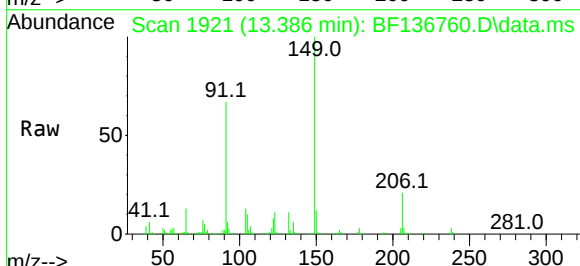
Manual Integrations

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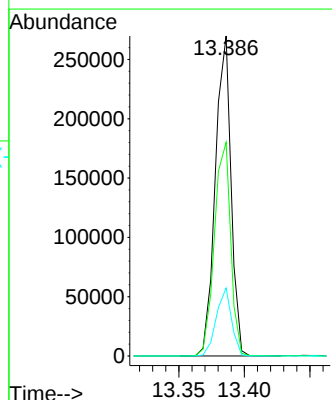
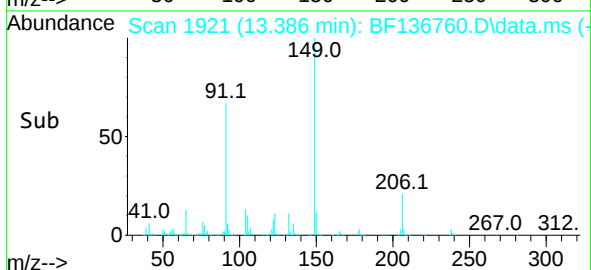
Reviewed By :Yogesh Patel 12/28/2023
 Supervised By :mohammad ahmed 12/28/2023

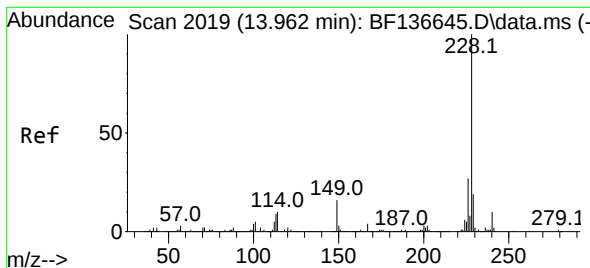


#80
 Butylbenzylphthalate
 Concen: 41.596 ng
 RT: 13.386 min Scan# 1921
 Delta R.T. -0.006 min
 Lab File: BF136760.D
 Acq: 27 Dec 2023 16:14



Tgt Ion:149 Resp: 224812
 Ion Ratio Lower Upper
 149 100
 91 66.7 54.1 81.1
 206 21.2 17.1 25.7





#81

Benzo(a)anthracene

Concen: 40.903 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF136760.D

Acq: 27 Dec 2023 16:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:228 Resp: 429749

Ion Ratio Lower Upper

228 100

226 26.6 21.4 32.0

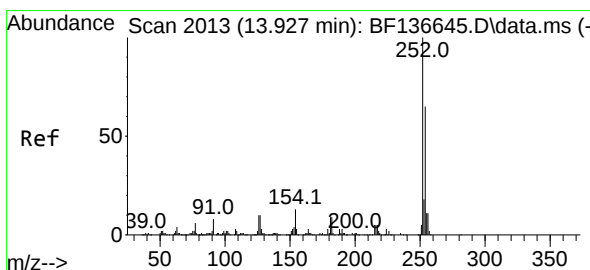
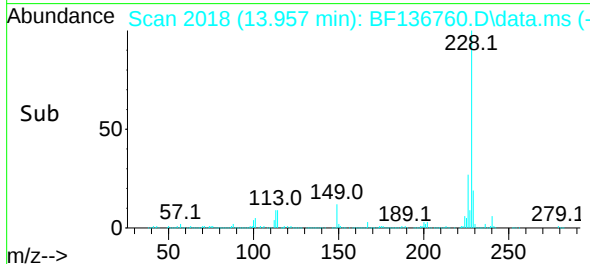
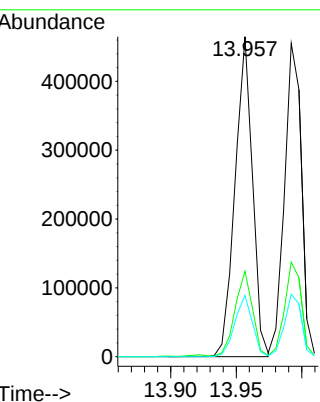
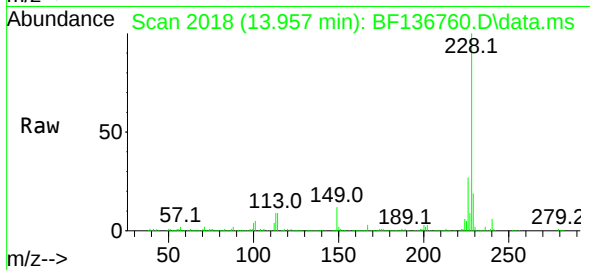
229 19.1 14.9 22.3

Manual Integrations

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Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#82

3,3'-Dichlorobenzidine

Concen: 42.909 ng

RT: 13.921 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF136760.D

Acq: 27 Dec 2023 16:14

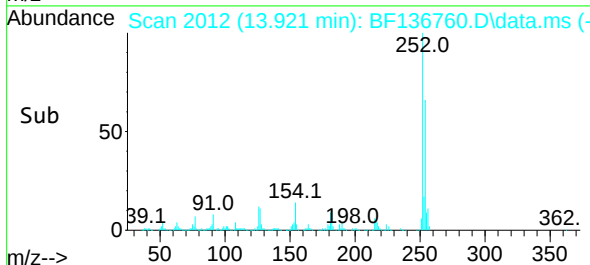
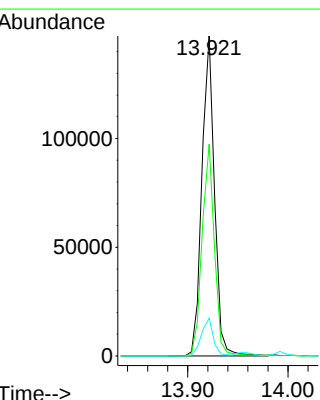
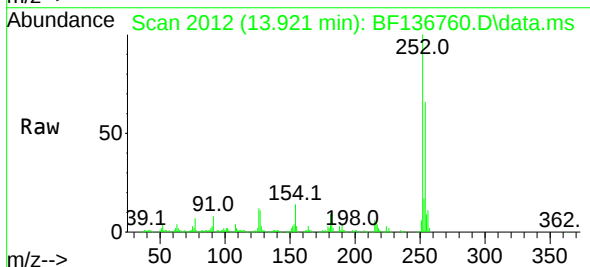
Tgt Ion:252 Resp: 128028

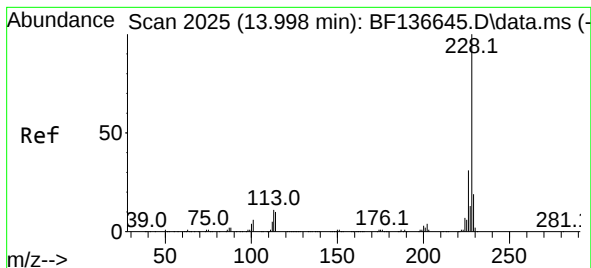
Ion Ratio Lower Upper

252 100

254 66.2 52.2 78.4

126 11.8 8.0 12.0





#83

Chrysene

Concen: 39.908 ng

RT: 13.992 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136760.D

Acq: 27 Dec 2023 16:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

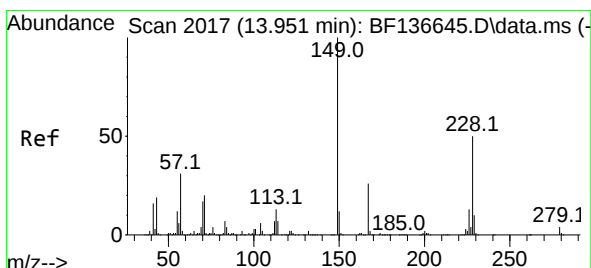
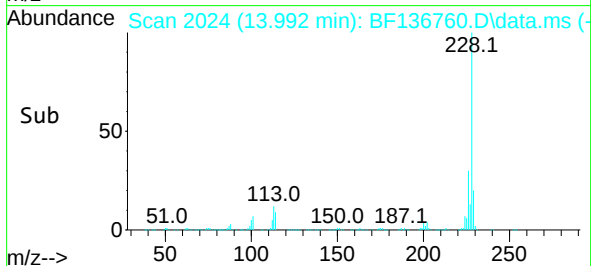
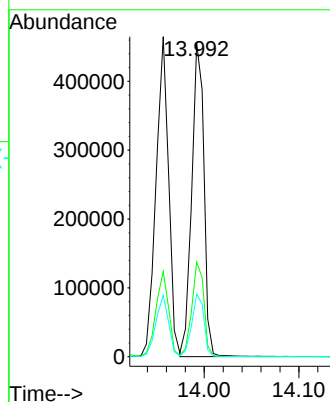
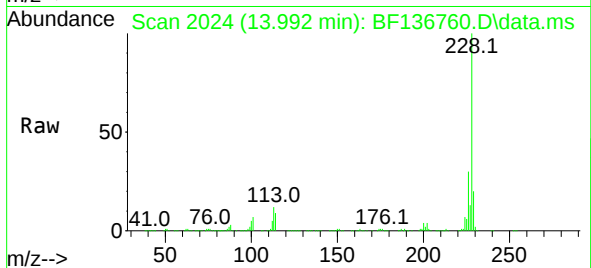
Tgt Ion:228 Resp: 410020
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.7 37.1
 229 20.0 15.4 23.0

Manual Integrations

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Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.381 ng

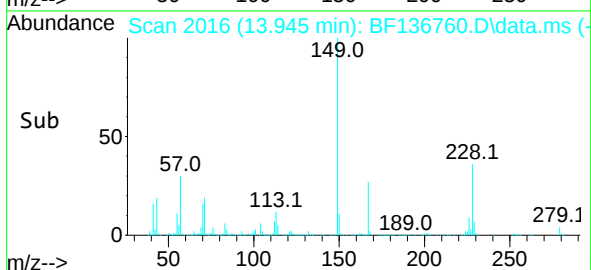
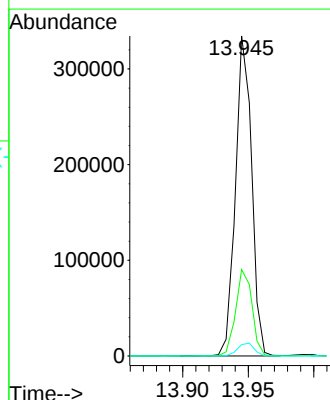
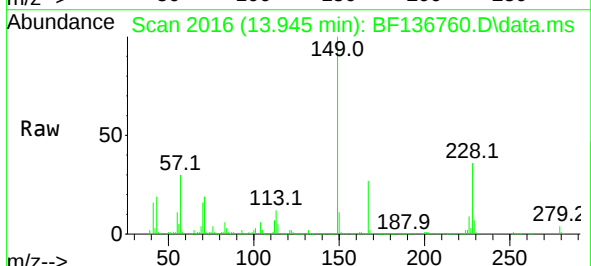
RT: 13.945 min Scan# 2016

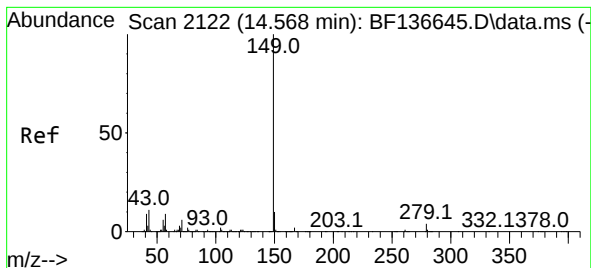
Delta R.T. -0.006 min

Lab File: BF136760.D

Acq: 27 Dec 2023 16:14

Tgt Ion:149 Resp: 288190
 Ion Ratio Lower Upper
 149 100
 167 27.0 20.9 31.3
 279 3.6 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 43.852 ng

RT: 14.563 min Scan# 2121

Delta R.T. -0.006 min

Lab File: BF136760.D

Acq: 27 Dec 2023 16:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:149 Resp: 46126

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

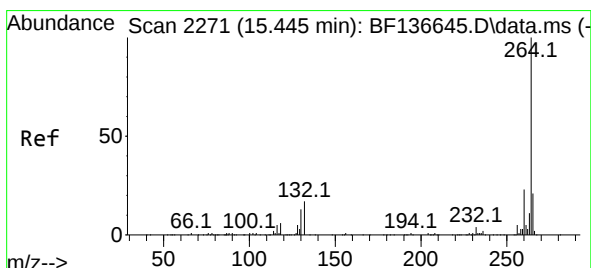
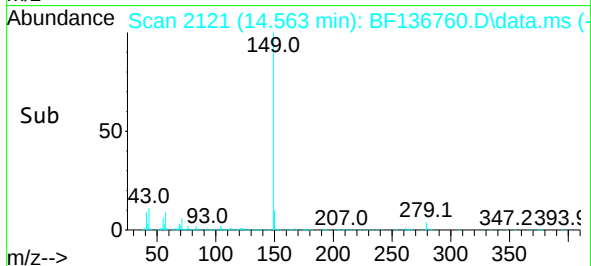
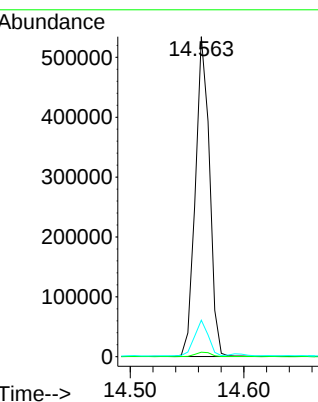
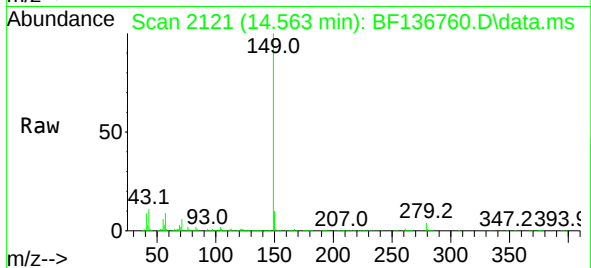
43 10.9 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF136760.D

Acq: 27 Dec 2023 16:14

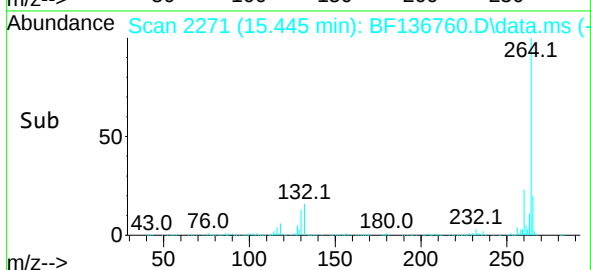
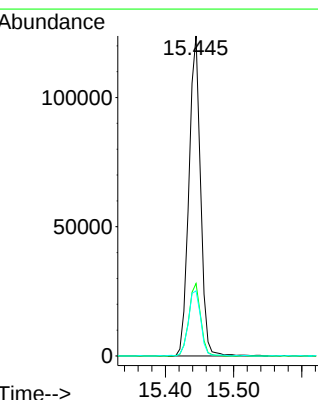
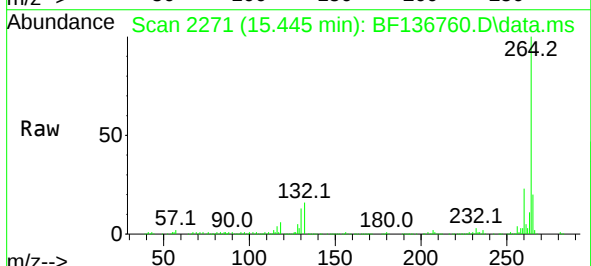
Tgt Ion:264 Resp: 146523

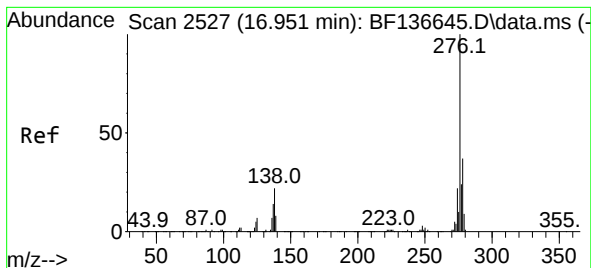
Ion Ratio Lower Upper

264 100

260 22.7 18.3 27.5

265 20.4 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.797 ng

RT: 16.951 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF136760.D

Acq: 27 Dec 2023 16:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:276 Resp: 431598

Ion Ratio Lower Upper

276 100

138 21.9 18.7 28.1

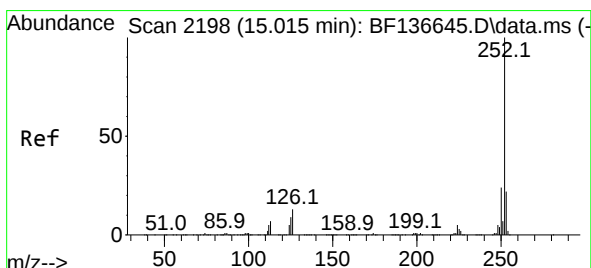
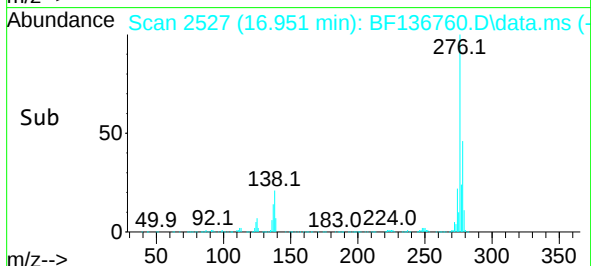
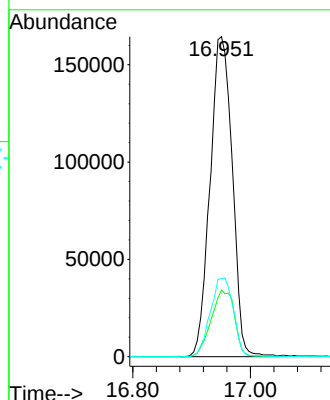
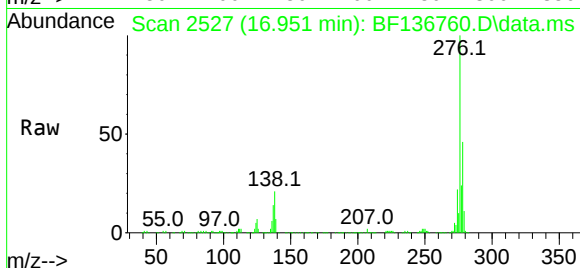
277 25.7 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#88

Benzo(b)fluoranthene

Concen: 40.341 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF136760.D

Acq: 27 Dec 2023 16:14

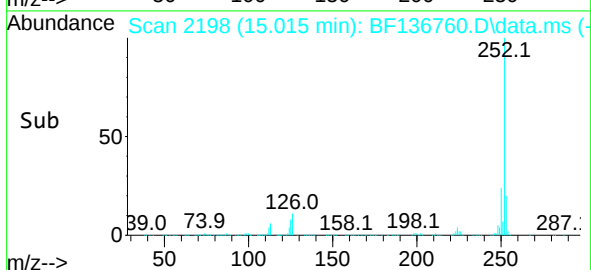
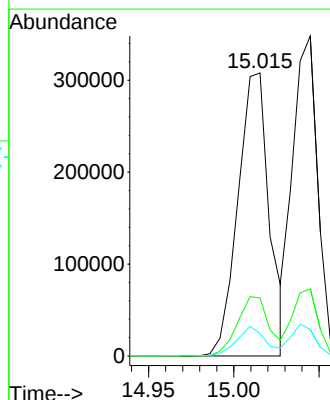
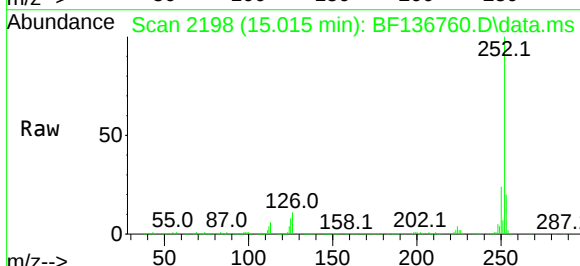
Tgt Ion:252 Resp: 394794

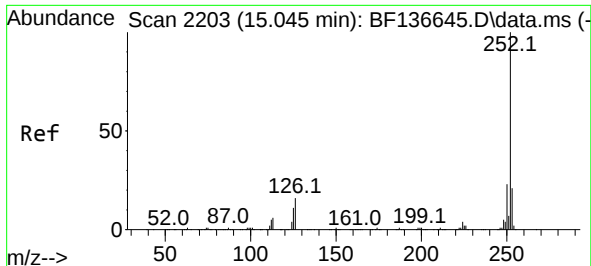
Ion Ratio Lower Upper

252 100

253 20.5 17.4 26.0

125 7.9 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 38.709 ng
RT: 15.045 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14

Instrument :

BNA_F

ClientSampleId :

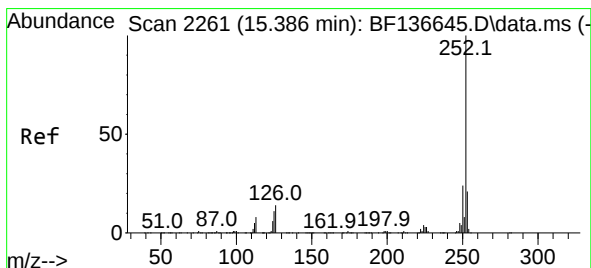
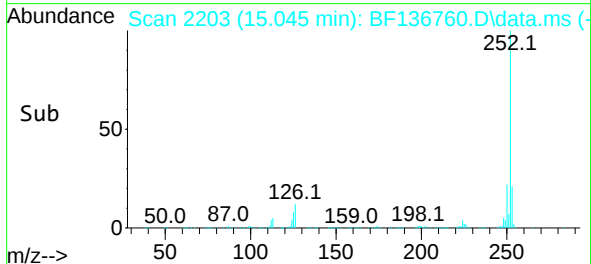
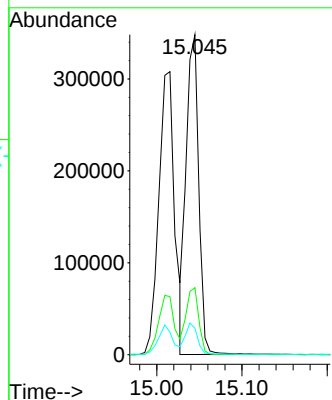
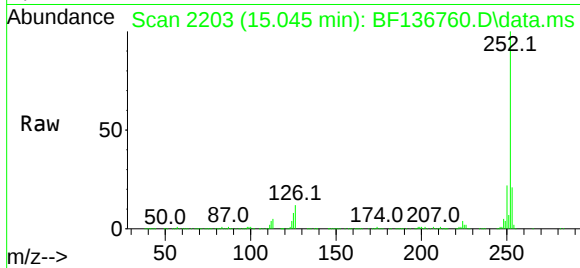
SSTDCCC040EC

Tgt Ion:252 Resp: 35795
Ion Ratio Lower Upper
252 100
253 20.9 17.0 25.6
125 8.3 8.2 12.4

Manual Integrations

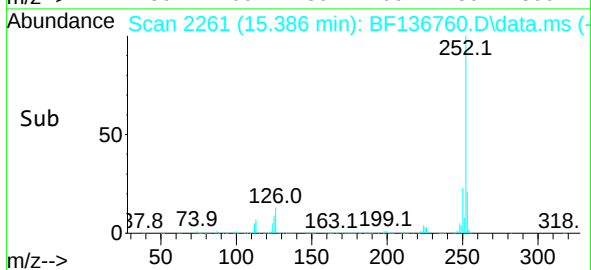
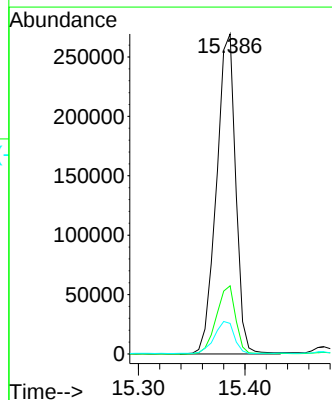
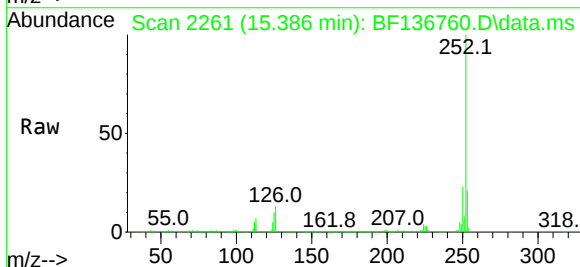
APPROVED

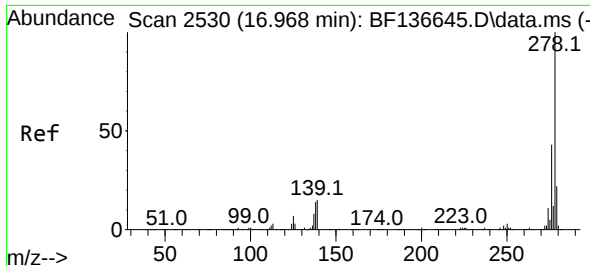
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023



#90
Benzo(a)pyrene
Concen: 40.722 ng
RT: 15.386 min Scan# 2261
Delta R.T. 0.000 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14

Tgt Ion:252 Resp: 336396
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.6
125 9.5 8.8 13.2





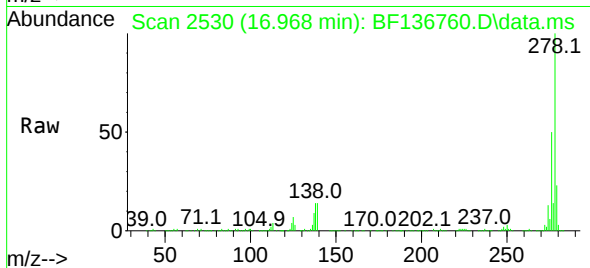
#91
Dibenzo(a,h)anthracene
Concen: 40.623 ng
RT: 16.968 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



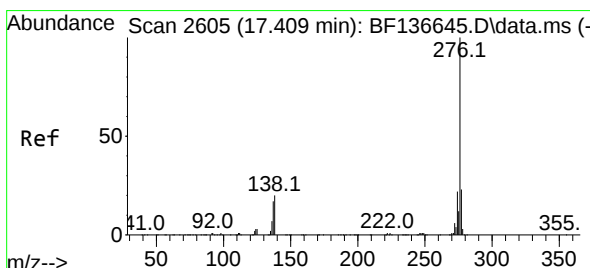
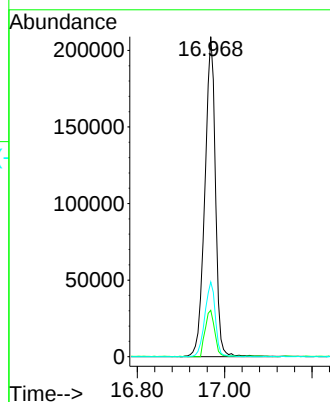
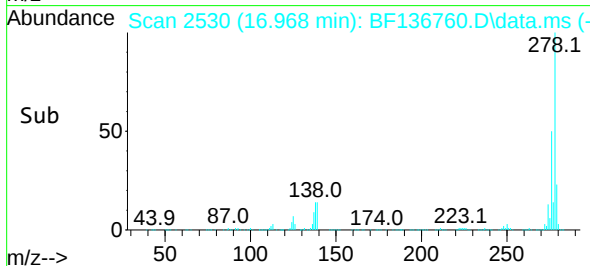
Tgt Ion:278 Resp: 35257
Ion Ratio Lower Upper
278 100
139 14.5 12.2 18.4
279 23.4 17.8 26.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/28/2023

Supervised By :mohammad ahmed 12/28/2023



#92
Benzo(g,h,i)perylene
Concen: 41.165 ng
RT: 17.404 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF136760.D
Acq: 27 Dec 2023 16:14

Tgt Ion:276 Resp: 365929
Ion Ratio Lower Upper
276 100
277 23.6 18.3 27.5
138 20.6 15.6 23.4

