

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
 Data File : BF136688.D
 Acq On : 22 Dec 2023 16:28
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023

Quant Time: Dec 22 17:17:53 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	70917	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	271643	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	138856	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	252320	20.000	ng	0.00
76) Chrysene-d12	13.963	240	132822	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	142462	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	368155	81.000	ng	0.00
7) Phenol-d6	6.434	99	464084	78.800	ng	0.00
23) Nitrobenzene-d5	7.351	82	429669	80.939	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	127476	77.951	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	846104	81.955	ng	-0.01
79) Terphenyl-d14	12.904	244	773507	81.383	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.528	88	74565	39.374	ng	97
3) Pyridine	3.293	79	185755	40.202	ng	99
4) n-Nitrosodimethylamine	3.257	42	99876	40.477	ng	99
6) Aniline	6.451	93	222719	37.824	ng	# 36
8) 2-Chlorophenol	6.575	128	199977	40.205	ng	98
9) Benzaldehyde	6.340	77	131925	39.382	ng	95
10) Phenol	6.451	94	243109	38.669	ng	84
11) bis(2-Chloroethyl)ether	6.528	93	189221	39.576	ng	99
12) 1,3-Dichlorobenzene	6.728	146	219633	40.478	ng	96
13) 1,4-Dichlorobenzene	6.804	146	220162	39.711	ng	98
14) 1,2-Dichlorobenzene	6.957	146	207499	40.221	ng	97
15) Benzyl Alcohol	6.934	79	160445	40.382	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.063	45	300896	38.493	ng	96
17) 2-Methylphenol	7.045	107	164231	39.857	ng	98
18) Hexachloroethane	7.293	117	81030	40.244	ng	95
19) n-Nitroso-di-n-propyla...	7.204	70	139332	39.027	ng	95
20) 3+4-Methylphenols	7.204	107	205226	39.867	ng	# 57
22) Acetophenone	7.193	105	280373	41.179	ng	# 93
24) Nitrobenzene	7.369	77	218080	41.010	ng	98
25) Isophorone	7.604	82	382374	39.586	ng	99
26) 2-Nitrophenol	7.681	139	105789	41.580	ng	94
27) 2,4-Dimethylphenol	7.722	122	126664	40.893	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	234631	39.961	ng	99
29) 2,4-Dichlorophenol	7.928	162	161634	40.533	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	182392	41.051	ng	98
31) Naphthalene	8.087	128	603453	40.437	ng	98
32) Benzoic acid	7.857	122	121580m	40.567	ng	
33) 4-Chloroaniline	8.140	127	210720	38.243	ng	97
34) Hexachlorobutadiene	8.198	225	111055	41.140	ng	98
35) Caprolactam	8.516	113	50784	38.603	ng	100
36) 4-Chloro-3-methylphenol	8.628	107	176935	39.413	ng	99
37) 2-Methylnaphthalene	8.775	142	386015	40.192	ng	98
38) 1-Methylnaphthalene	8.875	142	374251	39.719	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	177688	41.320	ng	98
41) Hexachlorocyclopentadiene	8.928	237	47538	37.446	ng	96
43) 2,4,6-Trichlorophenol	9.057	196	114256	41.429	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	128634	41.856	ng	98
46) 1,1'-Biphenyl	9.239	154	480494	41.237	ng	99
47) 2-Chloronaphthalene	9.269	162	358898	40.516	ng	97
48) 2-Nitroaniline	9.369	65	111596	40.231	ng	94
49) Acenaphthylene	9.681	152	552192	40.784	ng	100
50) Dimethylphthalate	9.545	163	404470	39.879	ng	100
51) 2,6-Dinitrotoluene	9.610	165	92265	40.083	ng	# 87
52) Acenaphthene	9.857	154	335875	40.019	ng	98
53) 3-Nitroaniline	9.781	138	94984	38.954	ng	97
54) 2,4-Dinitrophenol	9.886	184	45868	38.011	ng	# 80
55) Dibenzofuran	10.028	168	510536	40.129	ng	98
56) 4-Nitrophenol	9.957	139	56106	34.086	ng	95
57) 2,4-Dinitrotoluene	10.016	165	115707	38.721	ng	98
58) Fluorene	10.369	166	404525	40.073	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	95097	40.198	ng	100
60) Diethylphthalate	10.245	149	417662	39.689	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	191329	38.993	ng	99
62) 4-Nitroaniline	10.398	138	83890m	35.688	ng	
63) Azobenzene	10.522	77	385916	39.264	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	61299	42.391	ng	88
66) n-Nitrosodiphenylamine	10.486	169	341313	41.641	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	118453	42.271	ng	94
68) Hexachlorobenzene	10.922	284	133461	42.738	ng	97
69) Atrazine	11.016	200	76657	36.566	ng	100
70) Pentachlorophenol	11.116	266	56402	38.749	ng	98
71) Phenanthrene	11.333	178	528357	40.810	ng	99
72) Anthracene	11.386	178	533171	40.664	ng	99
73) Carbazole	11.545	167	479205	38.765	ng	99
74) Di-n-butylphthalate	11.880	149	615574	40.809	ng	99
75) Fluoranthene	12.527	202	531618	38.388	ng	97
77) Benzidine	12.657	184	169268	43.221	ng	98
78) Pyrene	12.757	202	533369	40.907	ng	99
80) Butylbenzylphthalate	13.380	149	207475	43.730	ng	95
81) Benzo(a)anthracene	13.951	228	374938	40.652	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	117040	44.684	ng	95
83) Chrysene	13.992	228	372929	41.349	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	272935	45.723	ng	98
85) Di-n-octyl phthalate	14.563	149	461205	49.948	ng	# 100
87) Indeno(1,2,3-cd)pyrene	16.939	276	437587	42.542	ng	99
88) Benzo(b)fluoranthene	15.010	252	365684	38.432	ng	99
89) Benzo(k)fluoranthene	15.039	252	341854	38.022	ng	99
90) Benzo(a)pyrene	15.380	252	324447	40.395	ng	98
91) Dibenzo(a,h)anthracene	16.957	278	362746	42.987	ng	98
92) Benzo(g,h,i)perylene	17.398	276	367172	42.482	ng	99

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

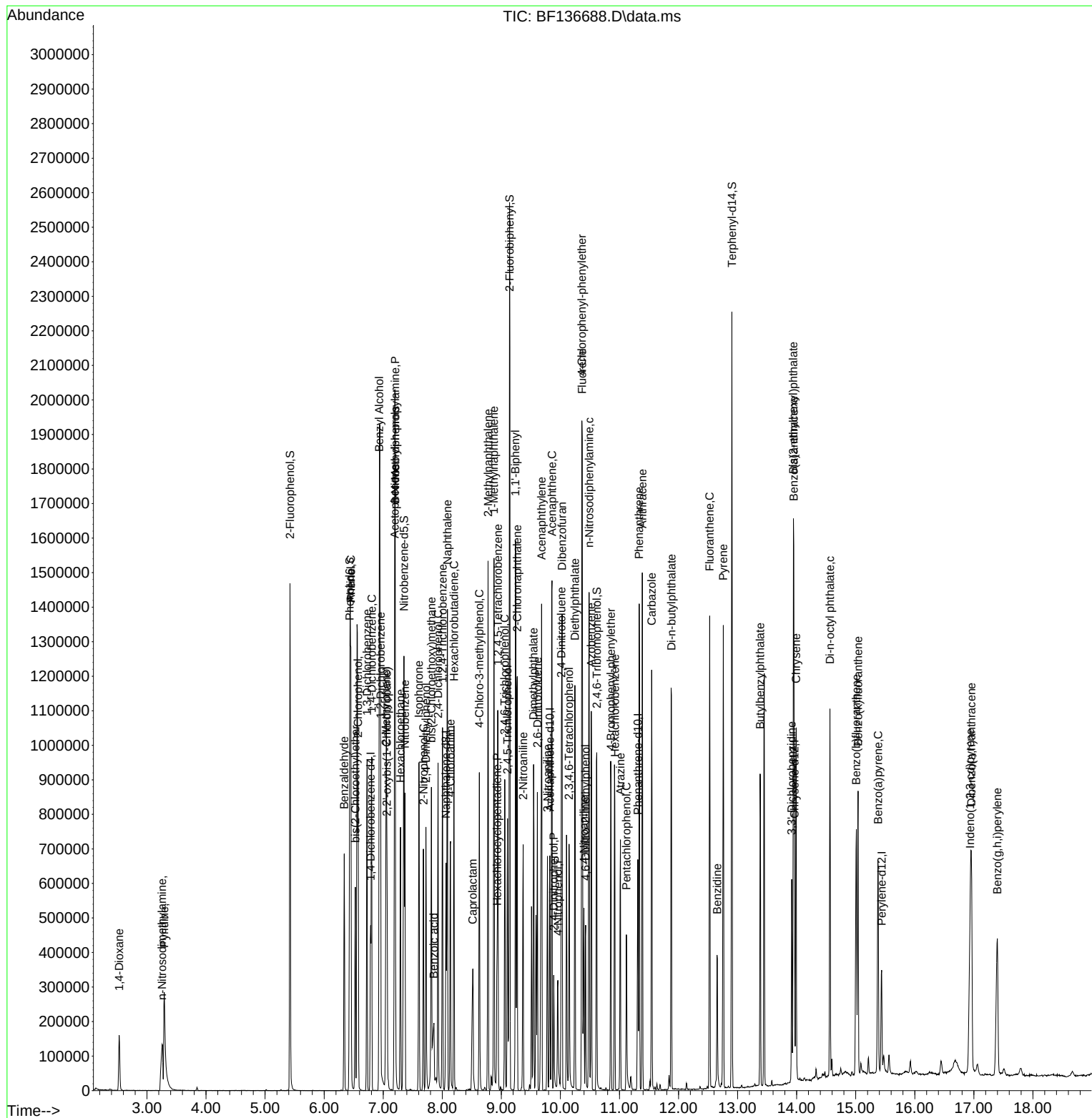
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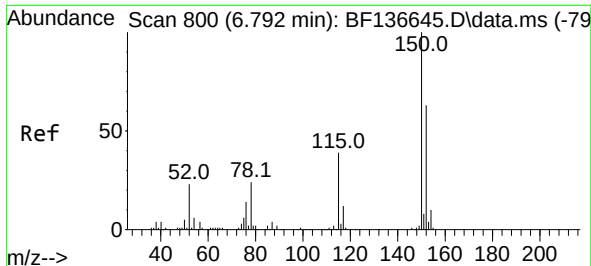
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations APPROVED

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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 74
 Delta R.T. -0.005 min
 Lab File: BF136688.D
 Acq: 22 Dec 2023 16:28

Instrument :

BNA_F

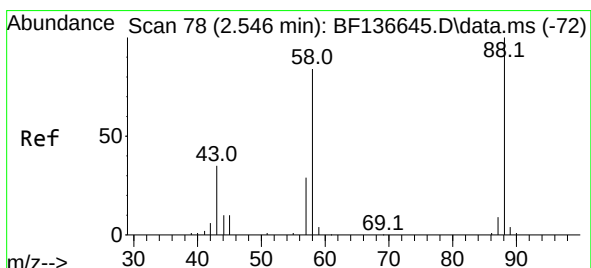
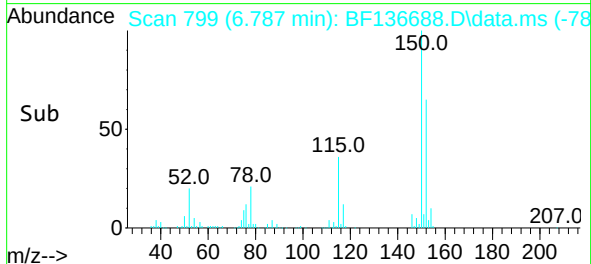
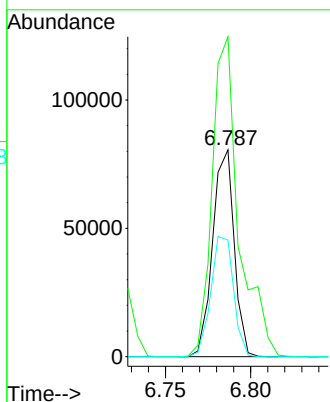
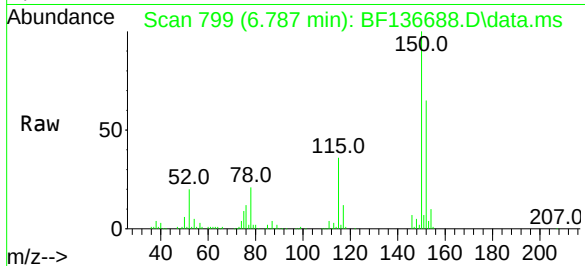
ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 7091
 Ion Ratio Lower Upper
 152 100
 150 154.7 127.0 190.6
 115 56.4 49.0 73.4

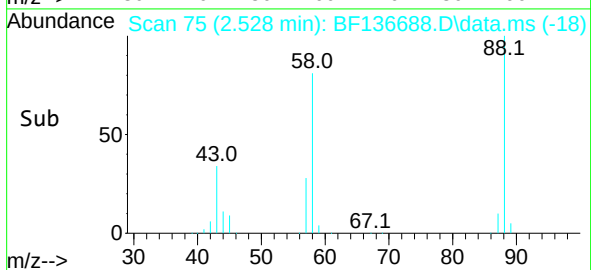
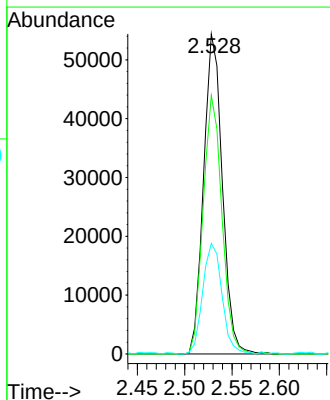
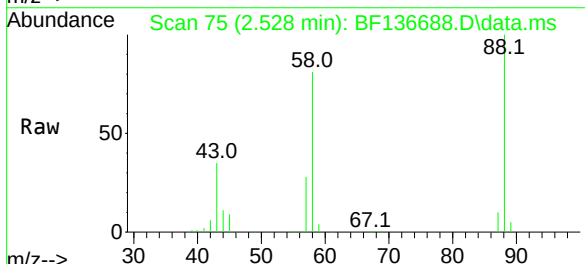
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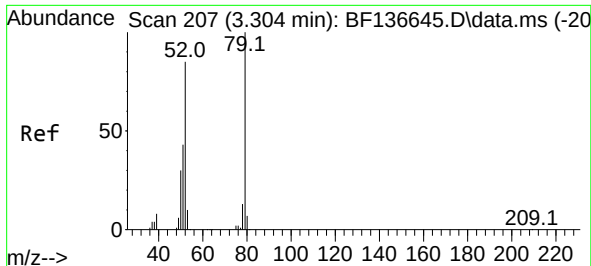
Reviewed By :Yogesh Patel 12/25/2023
 Supervised By :mohammad ahmed 12/25/2023



#2
 1,4-Dioxane
 Concen: 39.374 ng
 RT: 2.528 min Scan# 75
 Delta R.T. -0.017 min
 Lab File: BF136688.D
 Acq: 22 Dec 2023 16:28

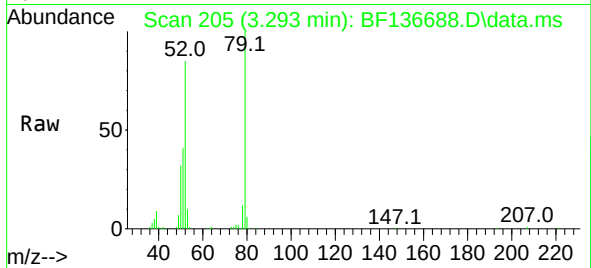
Tgt Ion: 88 Resp: 74565
 Ion Ratio Lower Upper
 88 100
 58 80.8 67.4 101.0
 43 35.5 27.7 41.5





#3
Pyridine
Concen: 40.202 ng
RT: 3.293 min Scan# 207
Delta R.T. -0.012 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

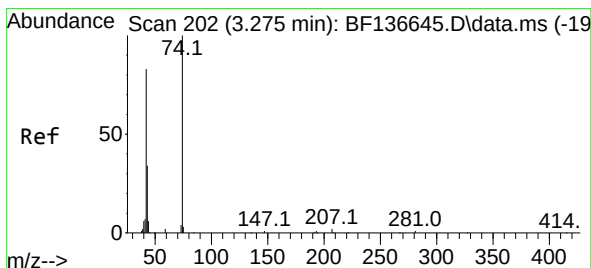
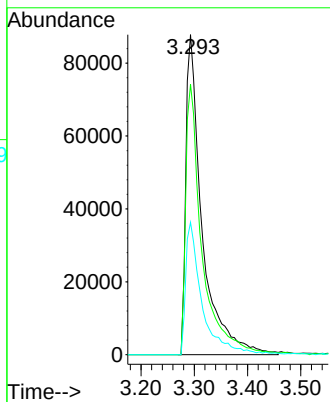
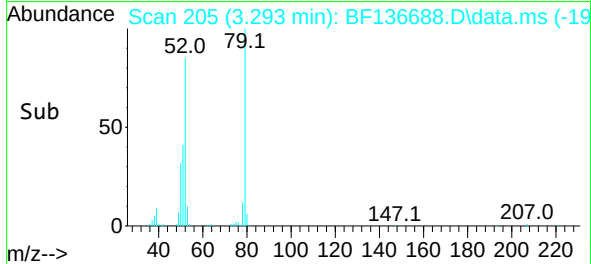
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 18575
Ion Ratio Lower Upper
79 100
52 84.5 67.7 101.5
51 41.4 34.0 51.0

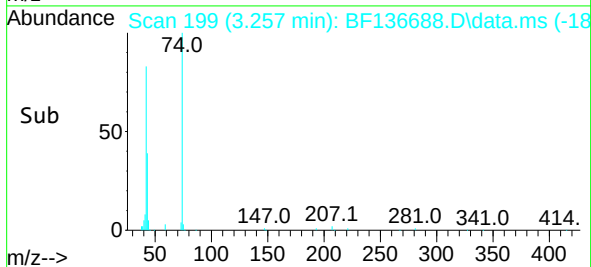
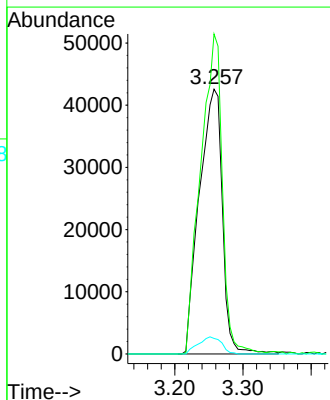
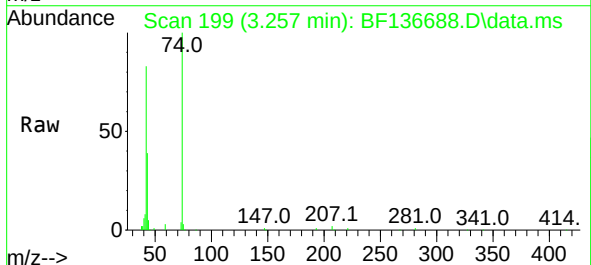
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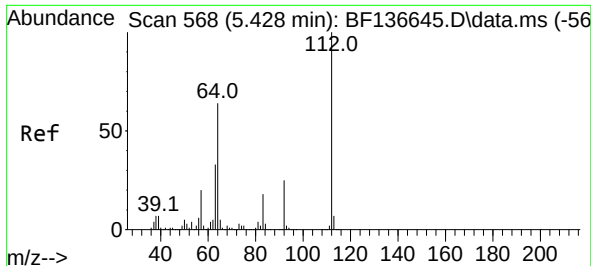
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#4
n-Nitrosodimethylamine
Concen: 40.477 ng
RT: 3.257 min Scan# 199
Delta R.T. -0.017 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

Tgt Ion: 42 Resp: 99876
Ion Ratio Lower Upper
42 100
74 120.8 96.0 144.0
44 5.9 5.4 8.2





#5
2-Fluorophenol
Concen: 81.000 ng
RT: 5.422 min Scan# 501
Delta R.T. -0.006 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

Instrument :

BNA_F

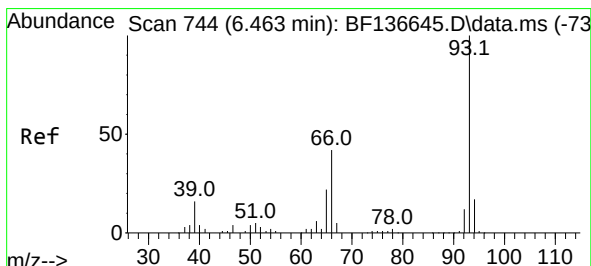
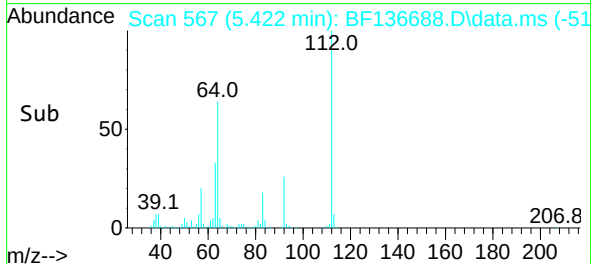
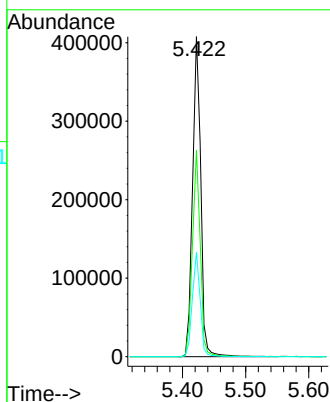
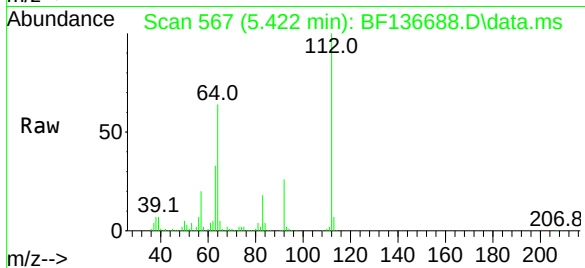
ClientSampleId :

SSTDCCC040

Tgt Ion:112 Resp: 36815
Ion Ratio Lower Upper
112 100
64 64.5 51.1 76.7
63 32.6 26.1 39.1

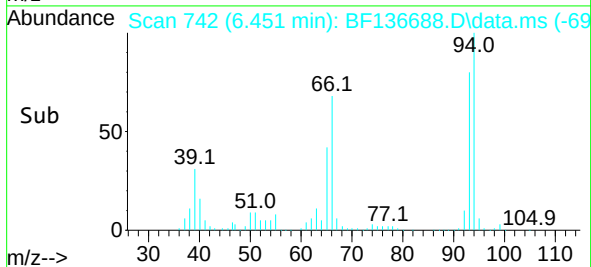
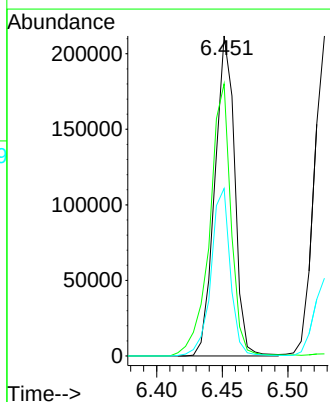
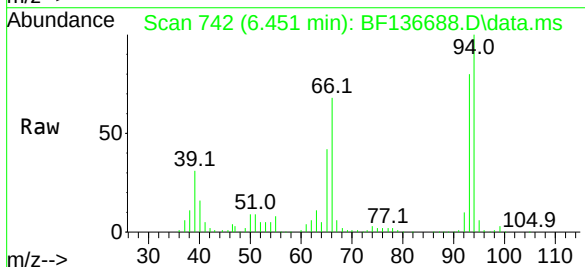
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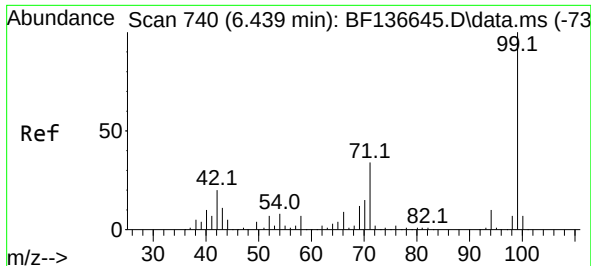
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#6
Aniline
Concen: 37.824 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

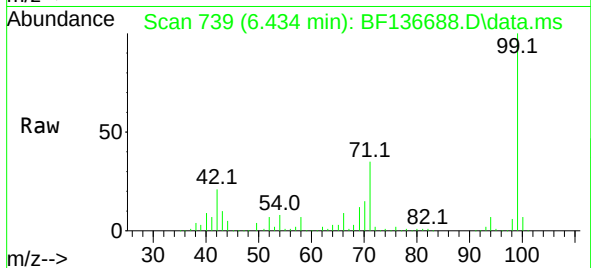
Tgt Ion: 93 Resp: 222719
Ion Ratio Lower Upper
93 100
66 85.0 34.6 51.8#
65 52.4 17.8 26.8#





#7
Phenol-d6
Concen: 78.800 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

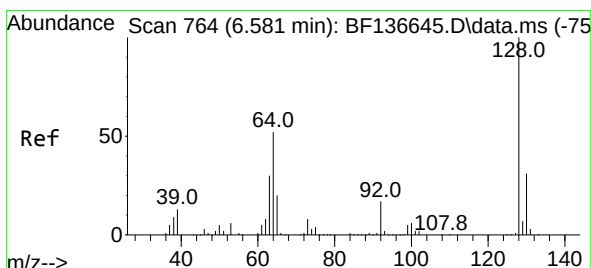
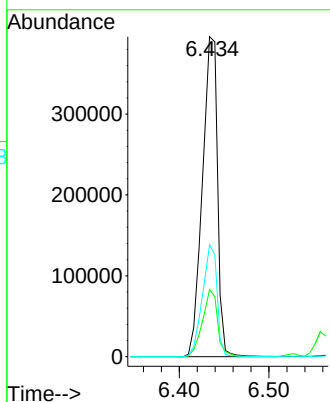
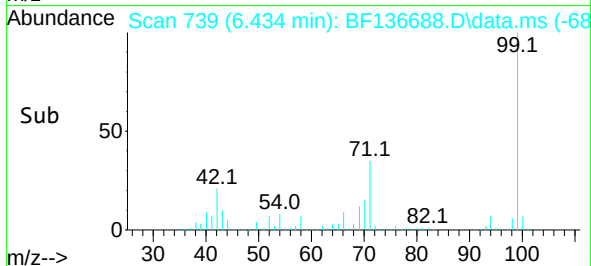
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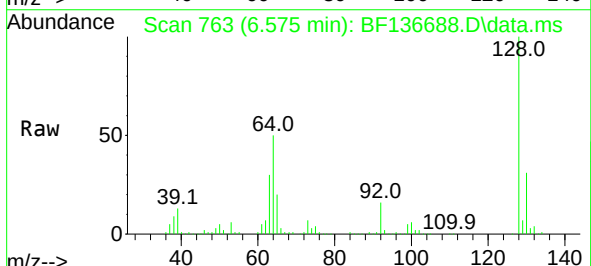
Tgt Ion: 99 Resp: 464084
Ion Ratio Lower Upper
99 100
42 21.0 16.1 24.1
71 34.9 27.4 41.2

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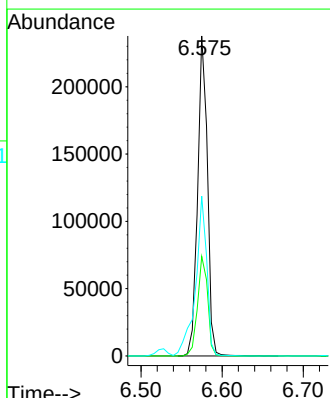
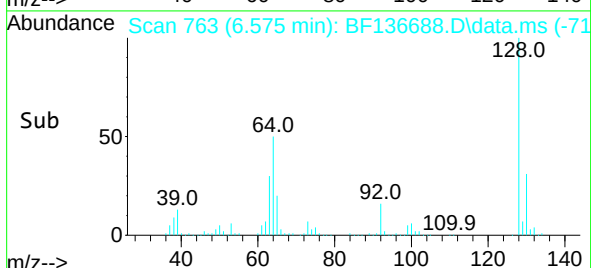
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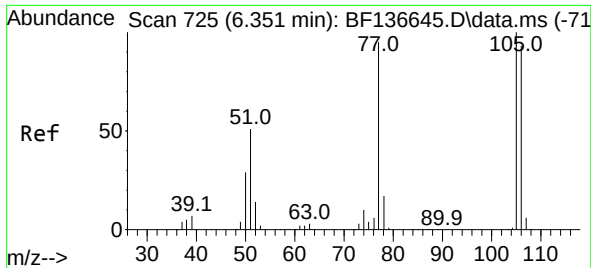


#8
2-Chlorophenol
Concen: 40.205 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28



Tgt Ion:128 Resp: 199977
Ion Ratio Lower Upper
128 100
130 31.1 11.3 51.3
64 50.0 32.5 72.5





#9

Benzaldehyde

Concen: 39.382 ng

RT: 6.340 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136688.D

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Instrument :

BNA_F

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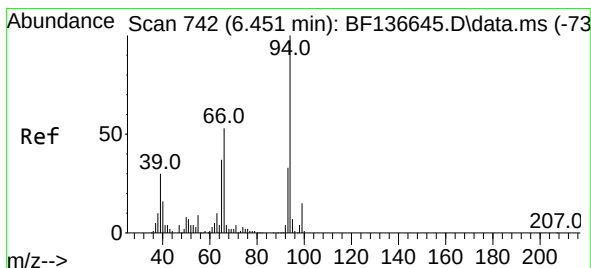
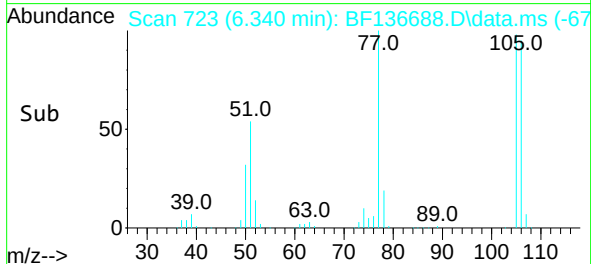
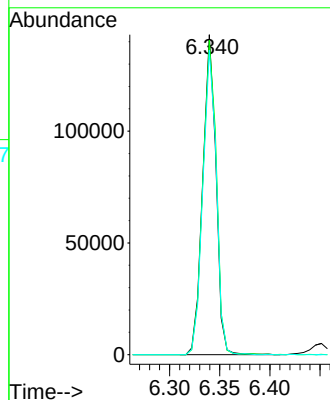
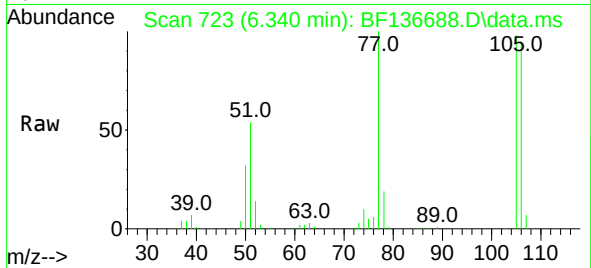
Tgt Ion: 77	Resp: 13192
Ion Ratio	Lower Upper
77 100	
105 98.3	84.8 124.8
106 95.2	77.8 117.8

Manual Integrations

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#10

Phenol

Concen: 38.669 ng

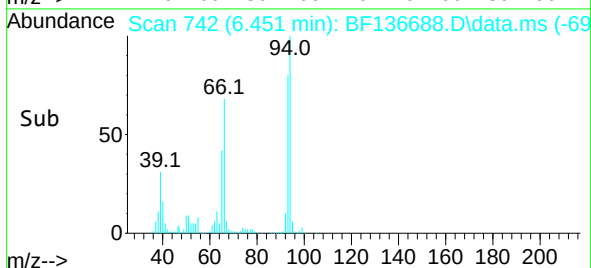
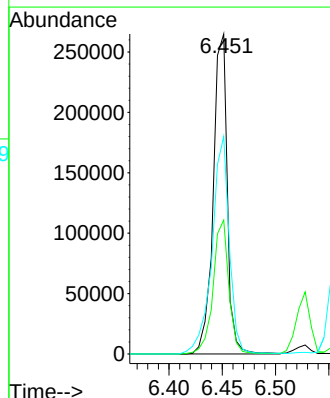
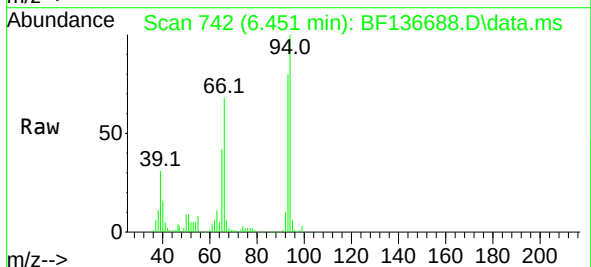
RT: 6.451 min Scan# 742

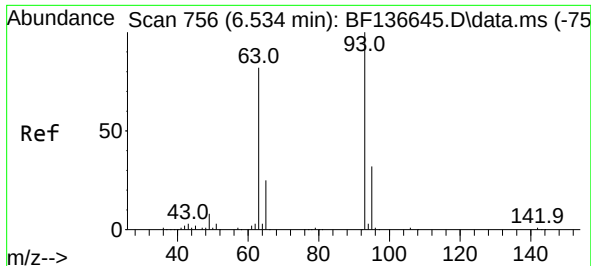
Delta R.T. 0.000 min

Lab File: BF136688.D

Acq: 22 Dec 2023 16:28

Tgt Ion: 94	Resp: 243109
Ion Ratio	Lower Upper
94 100	
65 41.9	16.6 56.6
66 68.0	32.6 72.6





#11
bis(2-Chloroethyl)ether
Concen: 39.576 ng
RT: 6.528 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

Instrument :

BNA_F

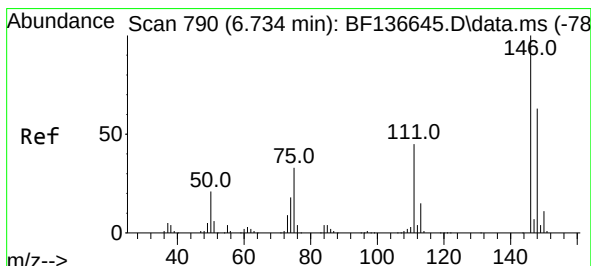
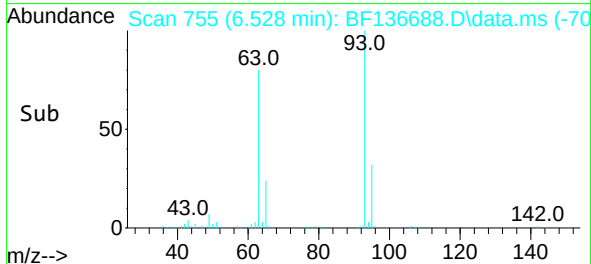
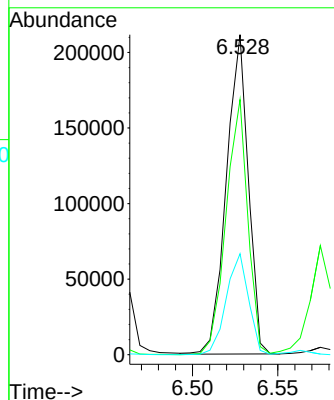
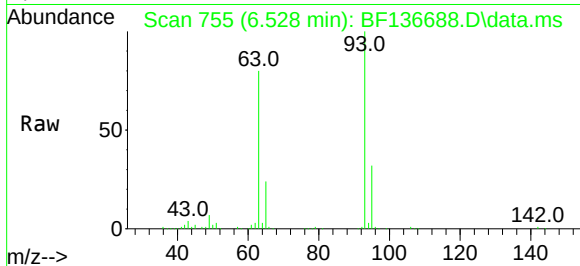
ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 18922
Ion Ratio Lower Upper
93 100
63 79.8 61.2 101.2
95 31.5 11.6 51.6

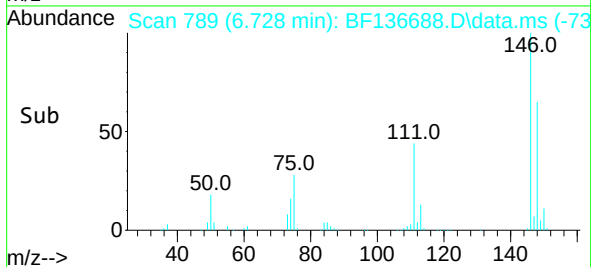
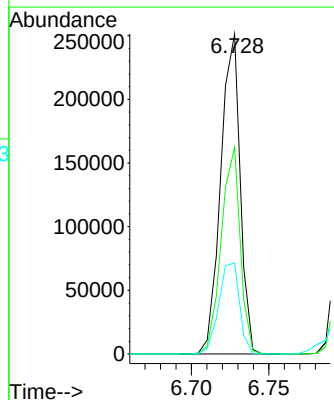
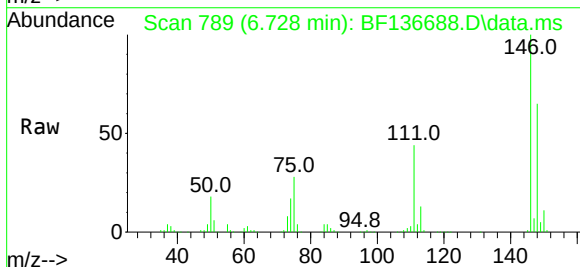
Manual Integrations
APPROVED

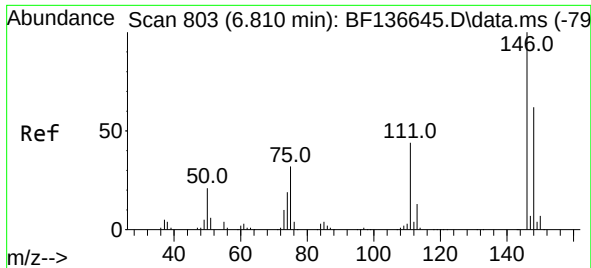
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#12
1,3-Dichlorobenzene
Concen: 40.478 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

Tgt Ion:146 Resp: 219633
Ion Ratio Lower Upper
146 100
148 64.6 50.5 75.7
75 28.4 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 39.711 ng

RT: 6.804 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF136688.D

Acq: 22 Dec 2023 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 22016

Ion Ratio Lower Upper

146 100

148 62.6 49.2 73.8

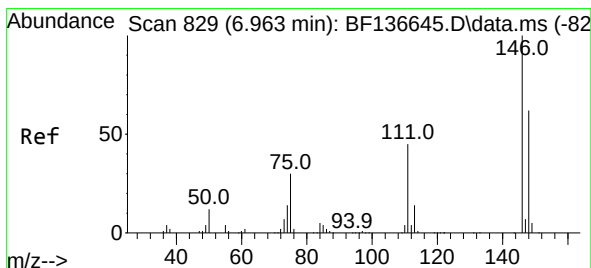
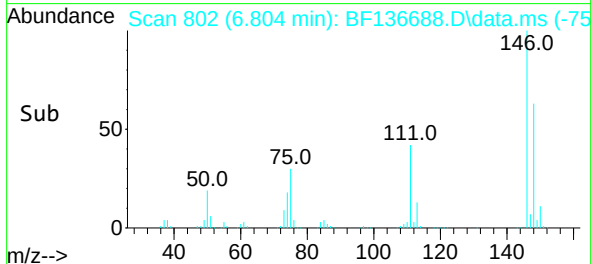
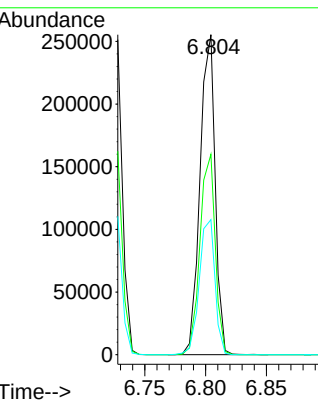
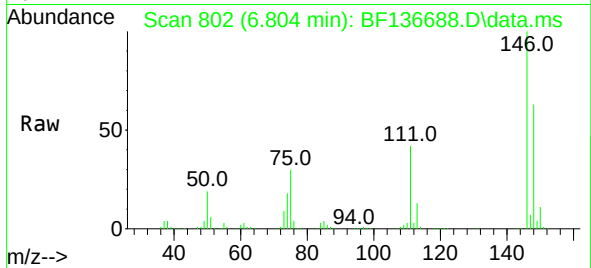
111 42.2 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#14

1,2-Dichlorobenzene

Concen: 40.221 ng

RT: 6.957 min Scan# 828

Delta R.T. -0.006 min

Lab File: BF136688.D

Acq: 22 Dec 2023 16:28

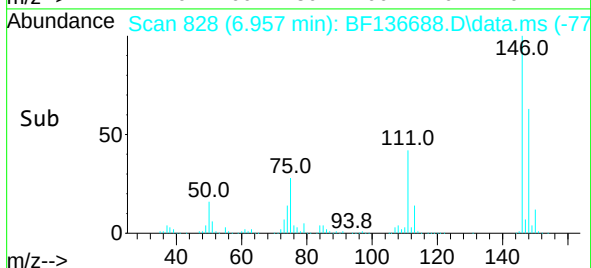
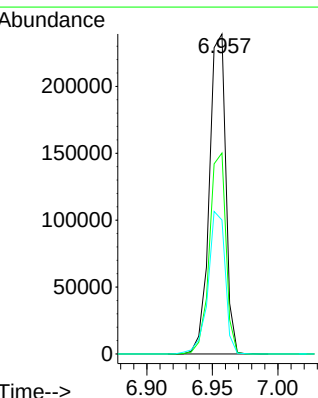
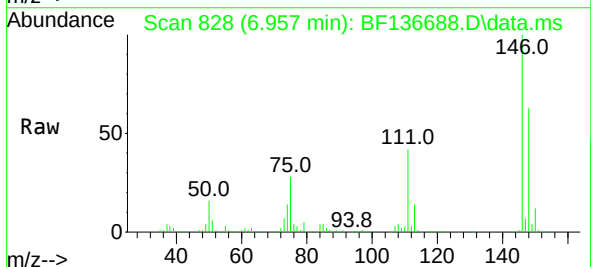
Tgt Ion:146 Resp: 207499

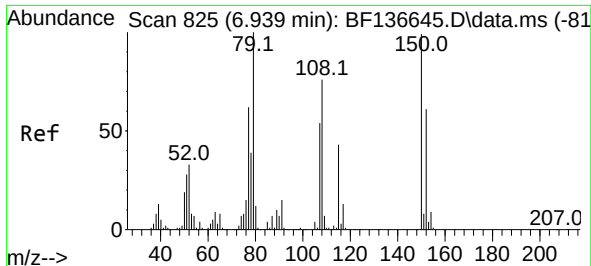
Ion Ratio Lower Upper

146 100

148 62.8 49.6 74.4

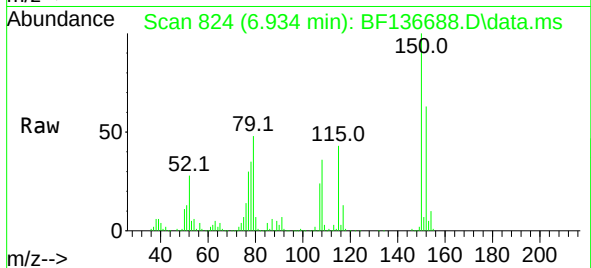
111 41.8 36.2 54.2





#15
Benzyl Alcohol
Concen: 40.382 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

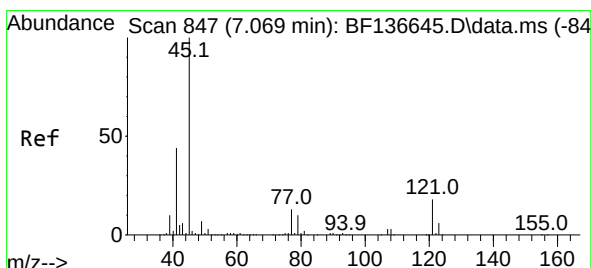
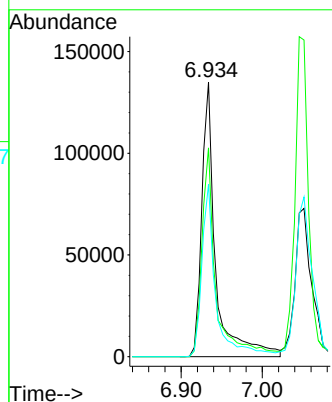
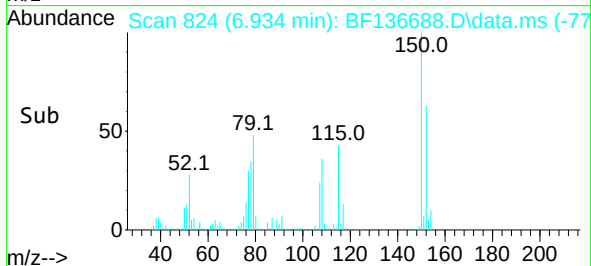
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 16044
Ion Ratio Lower Upper
79 100
108 76.1 61.0 91.6
77 62.8 49.8 74.8

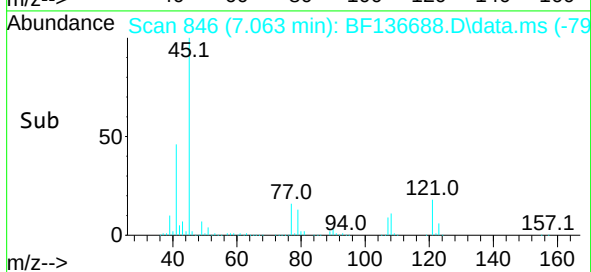
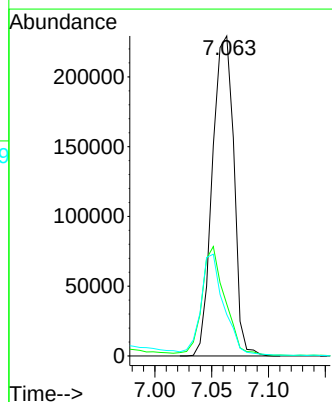
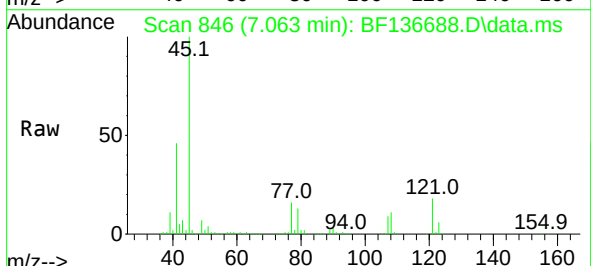
Manual Integrations
APPROVED

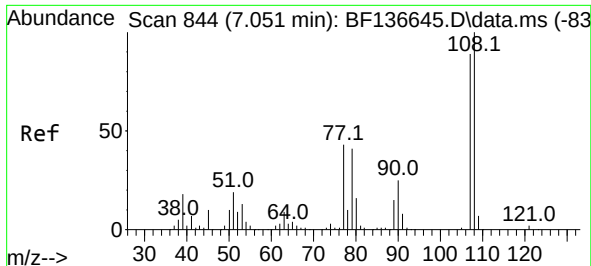
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.493 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

Tgt Ion: 45 Resp: 300896
Ion Ratio Lower Upper
45 100
77 16.2 0.0 34.3
79 13.0 0.0 31.4





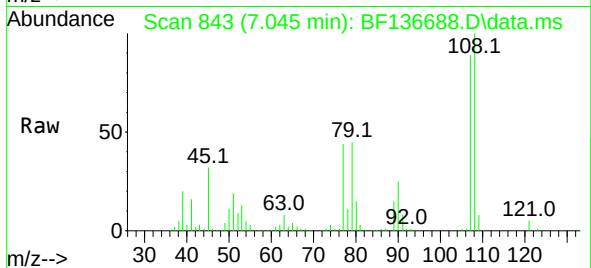
#17
2-Methylphenol
Concen: 39.857 ng
RT: 7.045 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

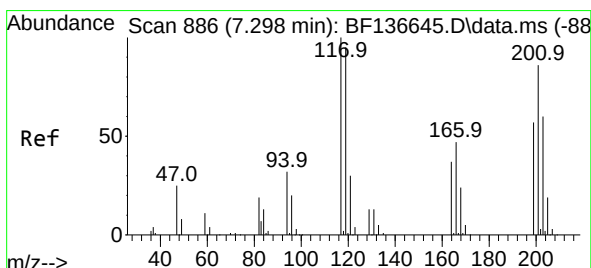
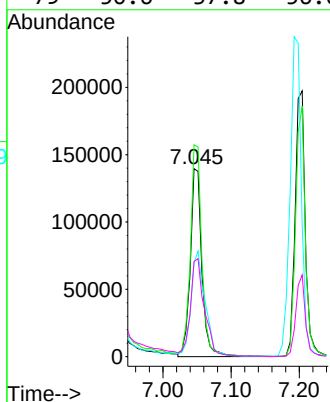
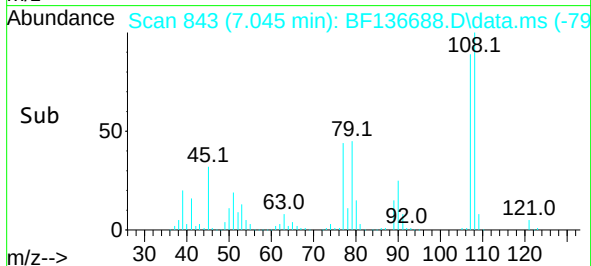


Tgt Ion:107 Resp: 16423
Ion Ratio Lower Upper
107 100
108 112.6 90.3 135.5
77 49.9 38.7 58.1
79 50.6 37.8 56.6

Manual Integrations

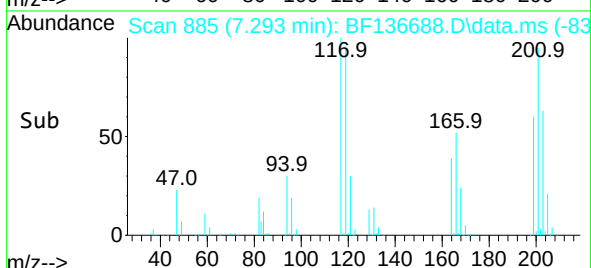
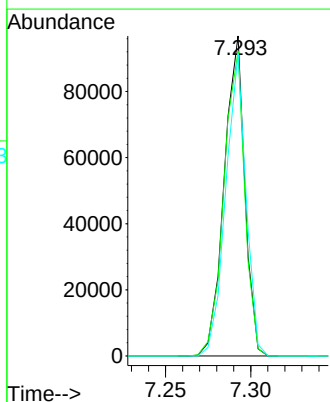
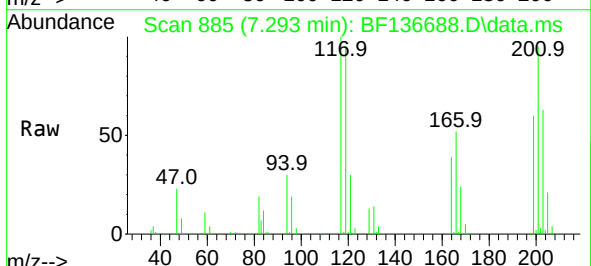
APPROVED

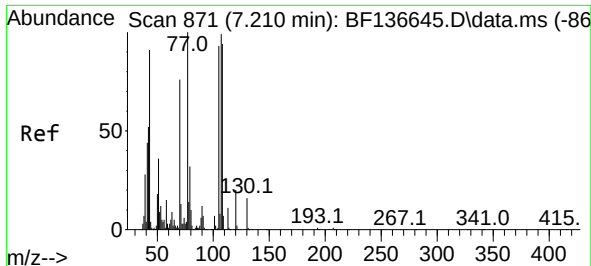
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#18
Hexachloroethane
Concen: 40.244 ng
RT: 7.293 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

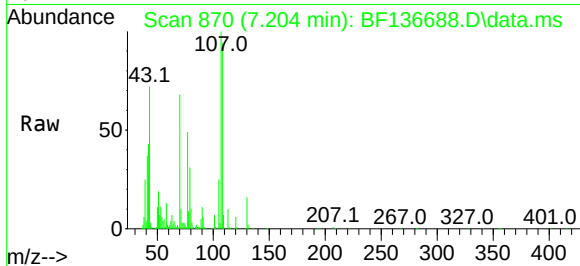
Tgt Ion:117 Resp: 81030
Ion Ratio Lower Upper
117 100
119 95.3 75.8 113.6
201 94.6 69.1 103.7





#19
n-Nitroso-di-n-propylamine
Concen: 39.027 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

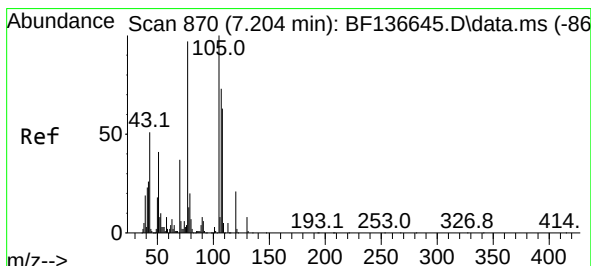
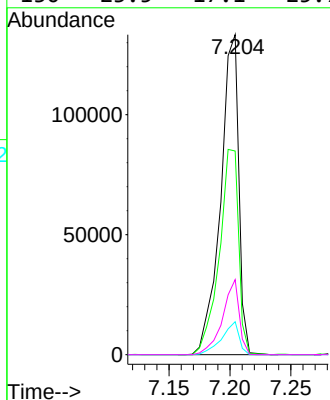
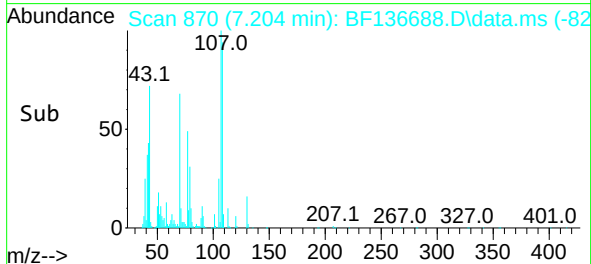
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 70 Resp: 139332
Ion Ratio Lower Upper
70 100
42 63.7 54.2 81.4
101 10.3 7.6 11.4
130 23.5 17.1 25.7

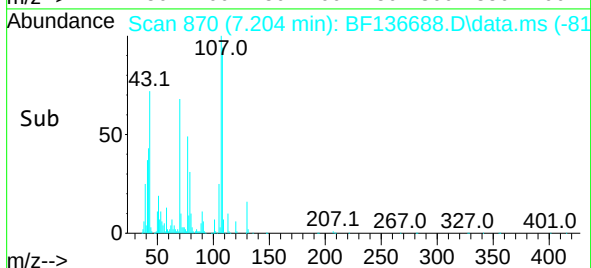
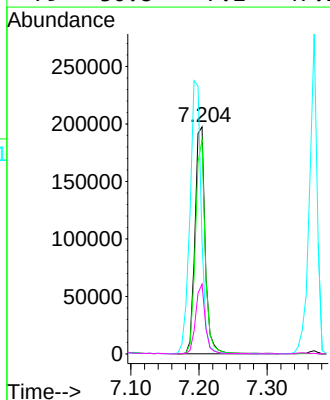
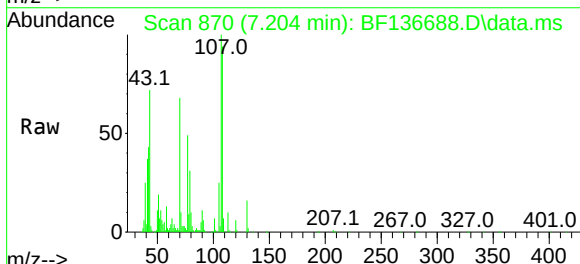
Manual Integrations
APPROVED

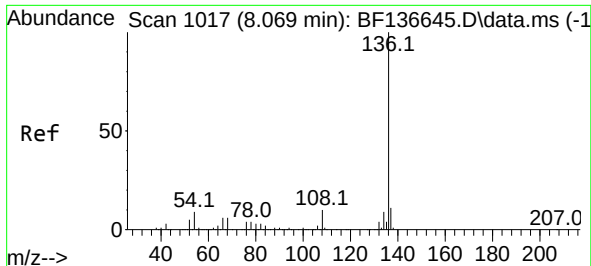
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#20
3+4-Methylphenols
Concen: 39.867 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

Tgt Ion:107 Resp: 205226
Ion Ratio Lower Upper
107 100
108 94.3 66.0 106.0
77 49.2 114.2 154.2#
79 30.8 7.2 47.2





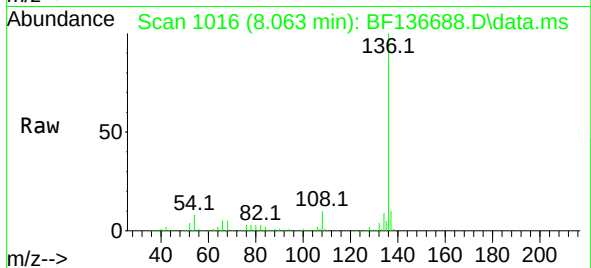
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

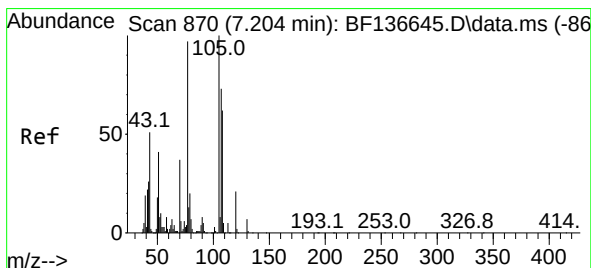
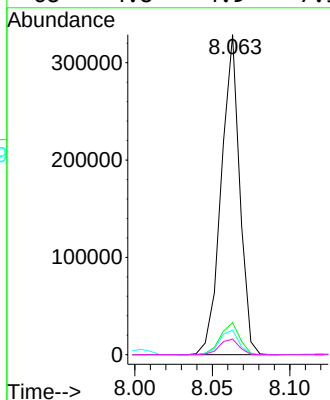
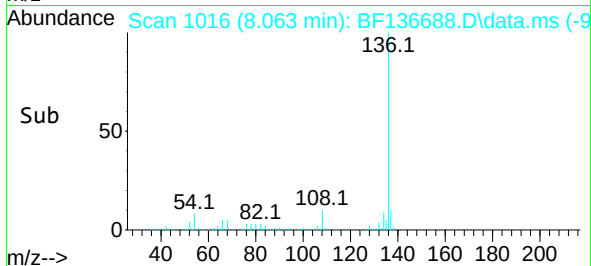


Tgt Ion:136 Resp: 27164
Ion Ratio Lower Upper
136 100
137 10.0 9.0 13.4
54 7.7 7.2 10.8
68 4.8 4.9 7.3#

Manual Integrations

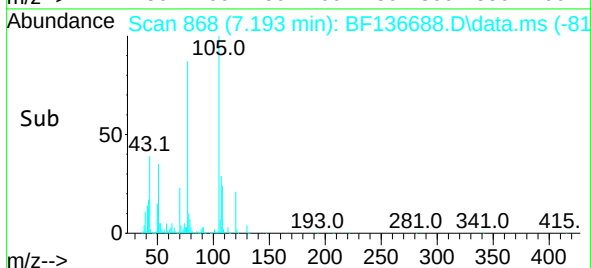
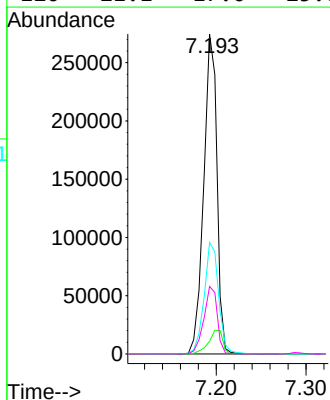
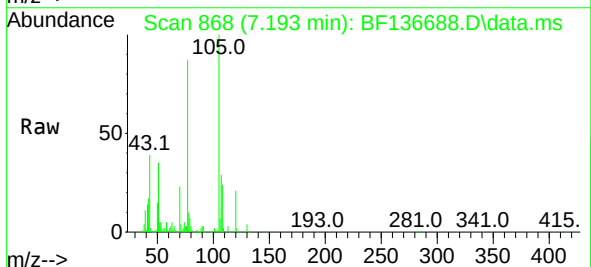
APPROVED

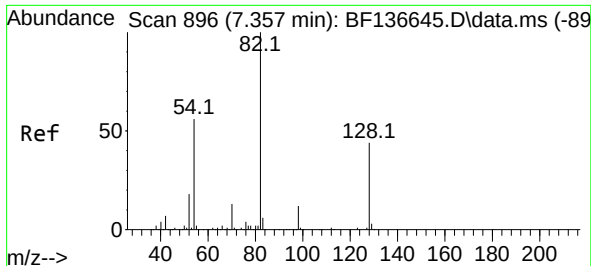
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#22
Acetophenone
Concen: 41.179 ng
RT: 7.193 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

Tgt Ion:105 Resp: 280373
Ion Ratio Lower Upper
105 100
71 3.9 4.8 7.2#
51 34.9 32.8 49.2
120 21.1 17.0 25.6





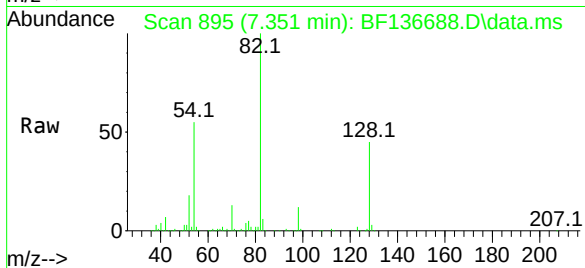
#23
Nitrobenzene-d5
Concen: 80.939 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

Instrument :

BNA_F

ClientSampleId :

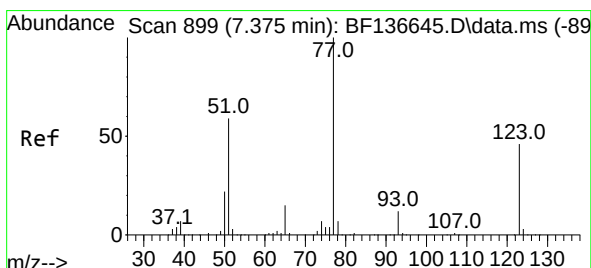
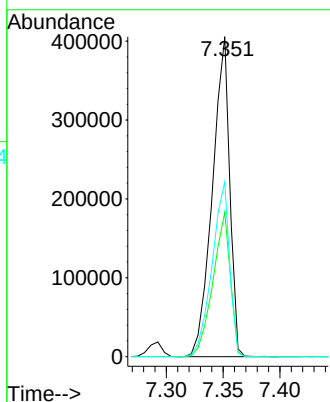
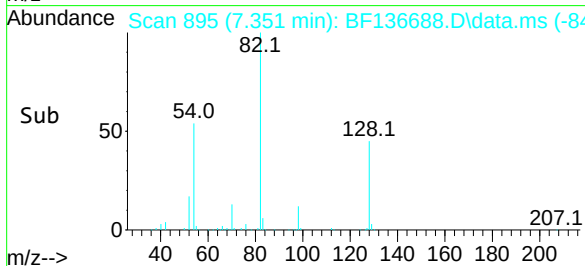
SSTDCCC040



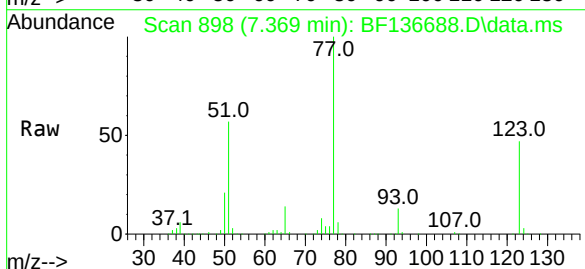
Tgt Ion: 82 Resp: 429669
Ion Ratio Lower Upper
82 100
128 45.1 35.3 52.9
54 54.6 44.5 66.7

Manual Integrations
APPROVED

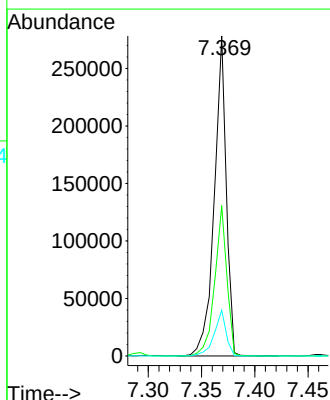
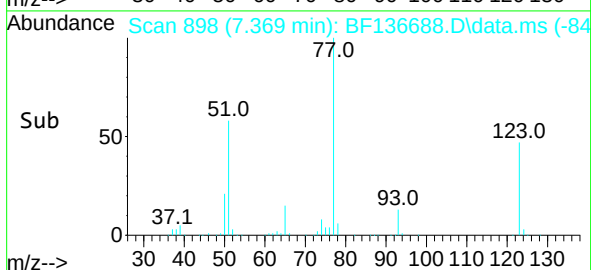
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

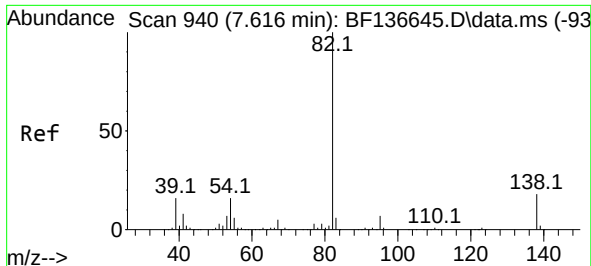


#24
Nitrobenzene
Concen: 41.010 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28



Tgt Ion: 77 Resp: 218080
Ion Ratio Lower Upper
77 100
123 47.0 36.7 55.1
65 14.3 11.8 17.6





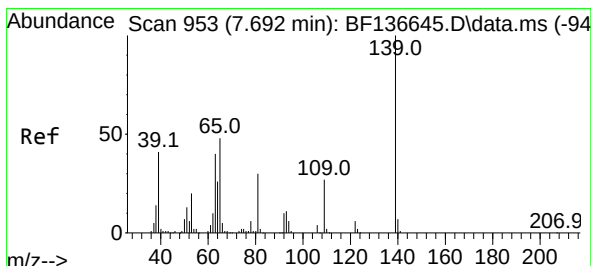
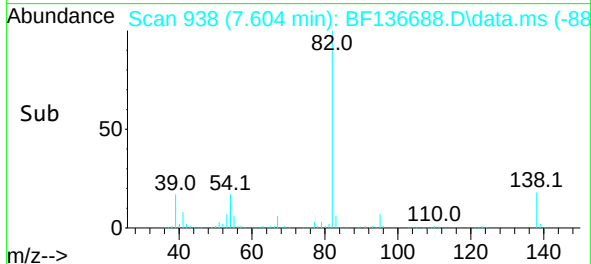
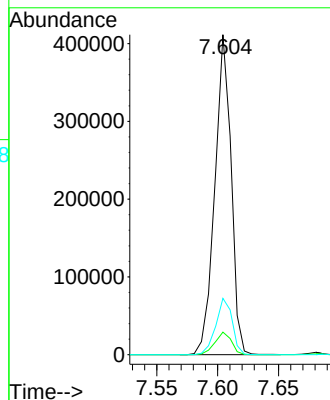
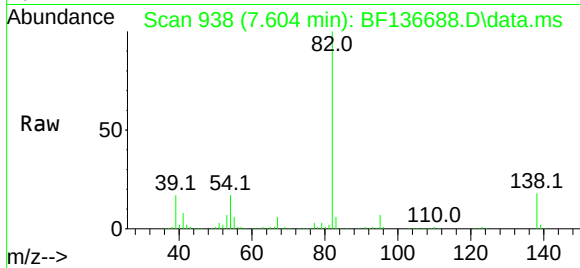
#25
Isophorone
Concen: 39.586 ng
RT: 7.604 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 382374
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 17.6 14.5 21.7

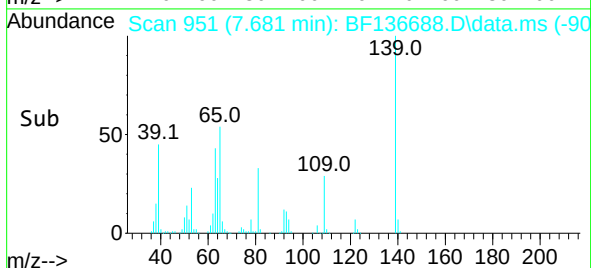
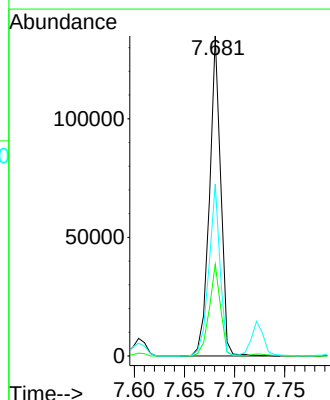
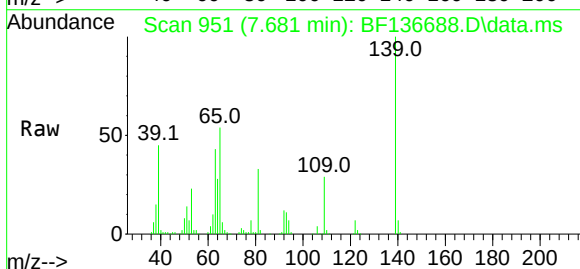
Manual Integrations
APPROVED

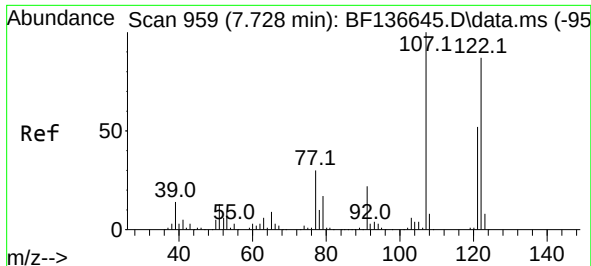
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#26
2-Nitrophenol
Concen: 41.580 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

Tgt Ion:139 Resp: 105789
Ion Ratio Lower Upper
139 100
109 28.7 21.9 32.9
65 53.7 38.6 58.0





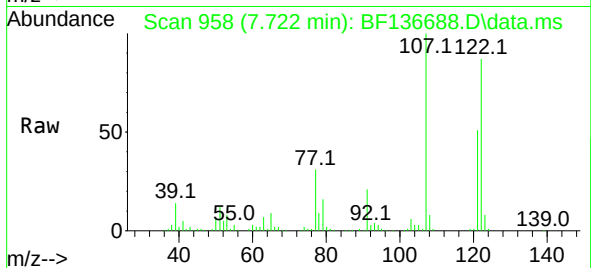
#27
2,4-Dimethylphenol
Concen: 40.893 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

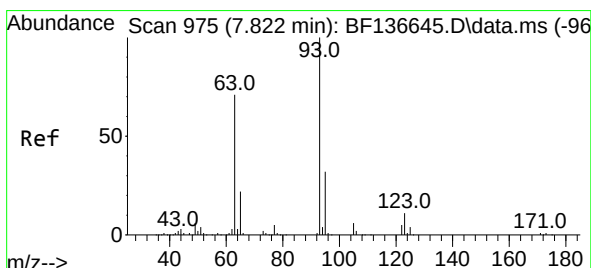
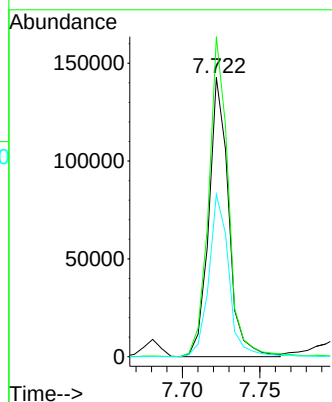
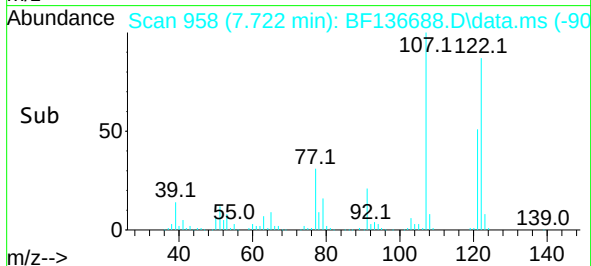


Tgt Ion:122 Resp: 126664
Ion Ratio Lower Upper
122 100
107 114.6 92.0 138.0
121 58.1 47.5 71.3

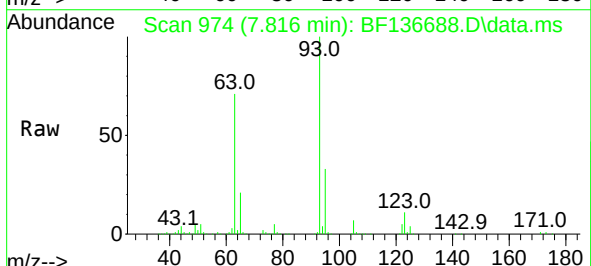
Manual Integrations

APPROVED

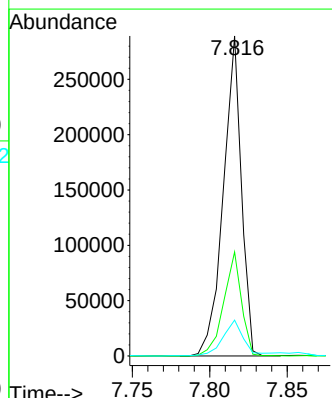
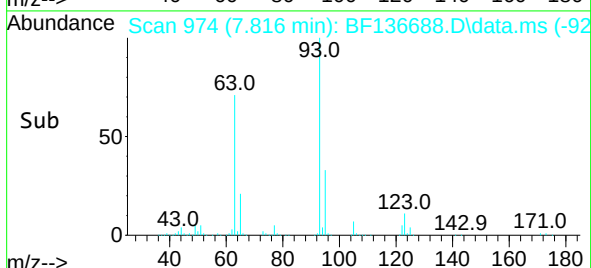
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

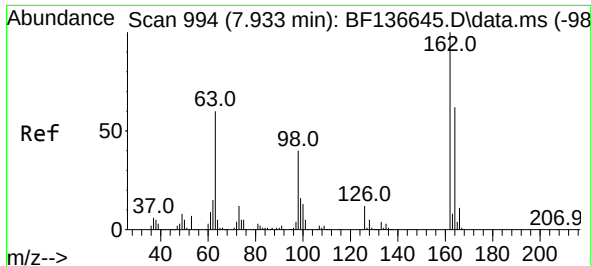


#28
bis(2-Chloroethoxy)methane
Concen: 39.961 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28



Tgt Ion: 93 Resp: 234631
Ion Ratio Lower Upper
93 100
95 32.5 25.5 38.3
123 11.2 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 40.533 ng

RT: 7.928 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF136688.D

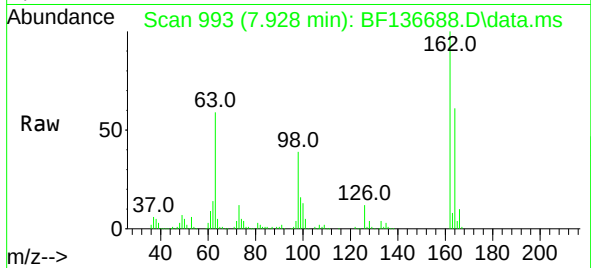
Acq: 22 Dec 2023 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



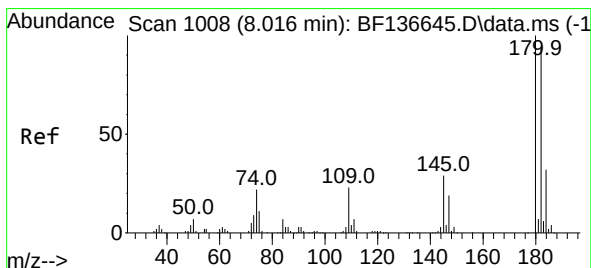
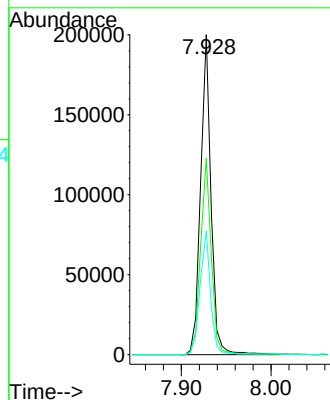
Tgt Ion:162	Resp:	161634
Ion Ratio	Lower	Upper
162	100	
164	61.3	41.7 81.7
98	38.7	19.5 59.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#30

1,2,4-Trichlorobenzene

Concen: 41.051 ng

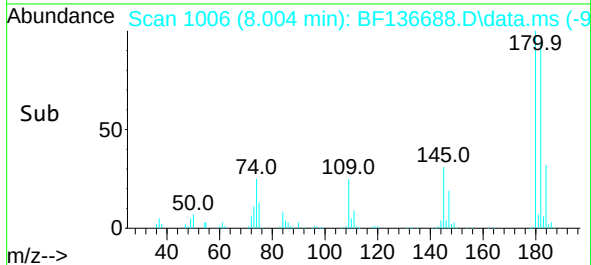
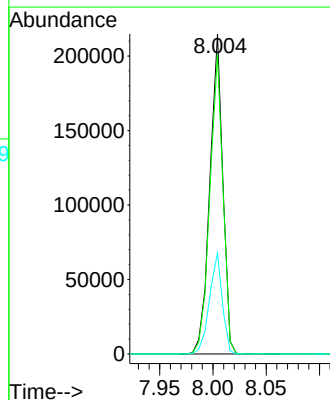
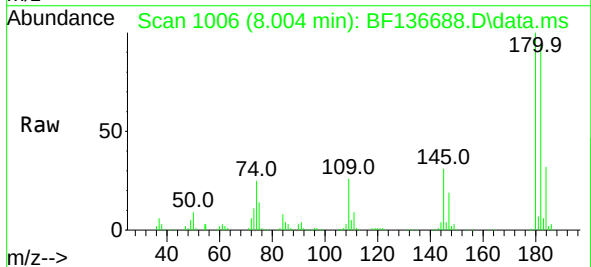
RT: 8.004 min Scan# 1006

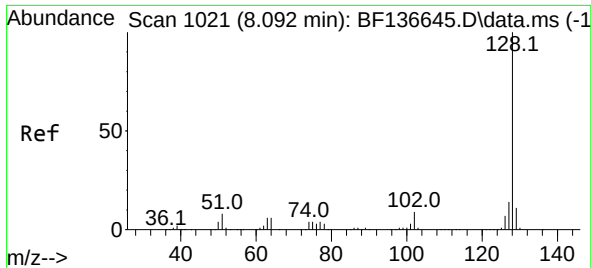
Delta R.T. -0.012 min

Lab File: BF136688.D

Acq: 22 Dec 2023 16:28

Tgt Ion:180	Resp:	182392
Ion Ratio	Lower	Upper
180	100	
182	93.6	75.4 113.0
145	31.5	23.1 34.7





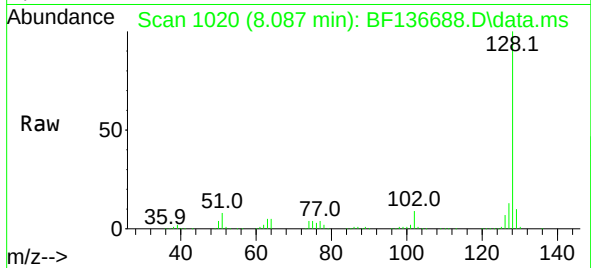
#31
Naphthalene
Concen: 40.437 ng
RT: 8.087 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



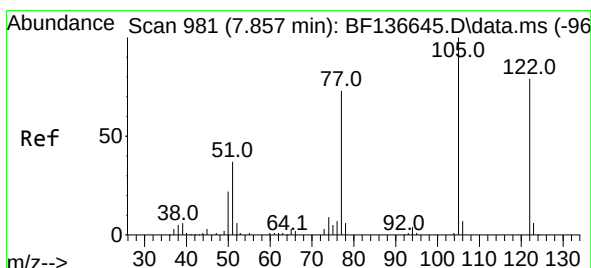
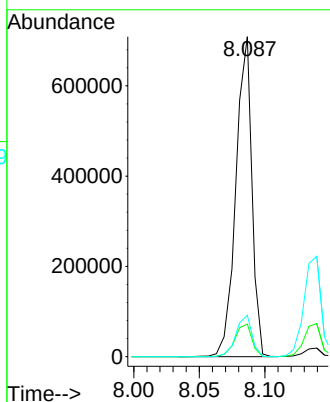
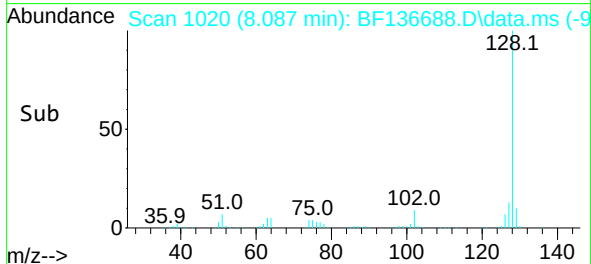
Tgt Ion:128 Resp: 60345
Ion Ratio Lower Upper
128 100
129 10.2 8.7 13.1
127 12.9 10.8 16.2

Manual Integrations

APPROVED

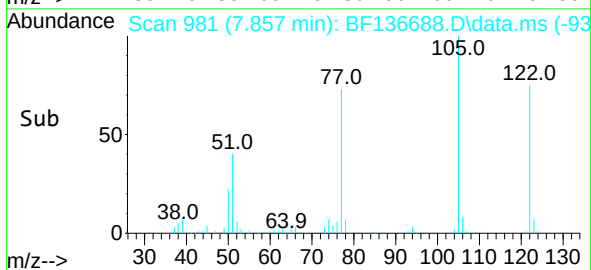
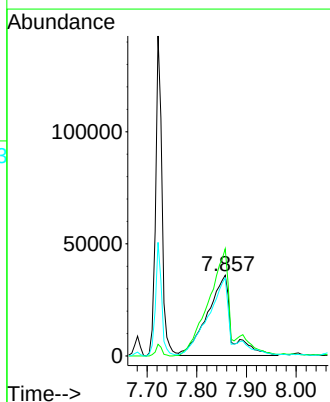
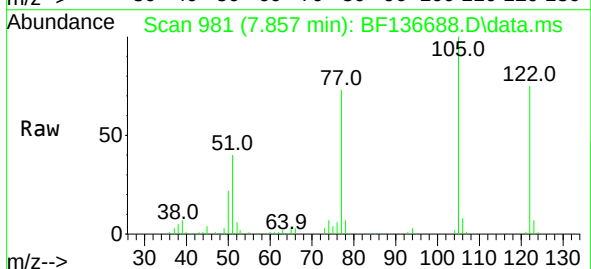
Reviewed By :Yogesh Patel 12/25/2023

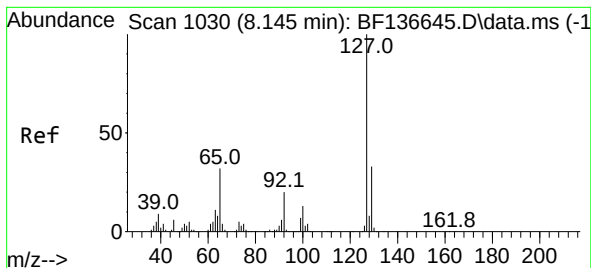
Supervised By :mohammad ahmed 12/25/2023



#32
Benzoic acid
Concen: 40.567 ng m
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

Tgt Ion:122 Resp: 121580
Ion Ratio Lower Upper
122 100
105 133.0 100.8 140.8
77 96.7 70.9 110.9





#33

4-Chloroaniline

Concen: 38.243 ng

RT: 8.140 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF136688.D

Acq: 22 Dec 2023 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

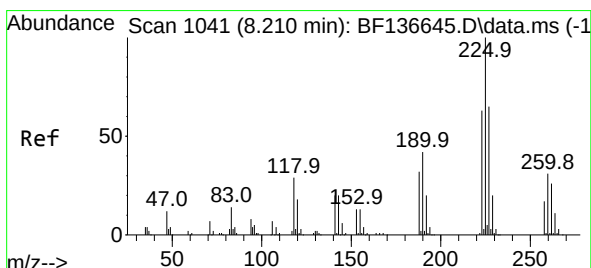
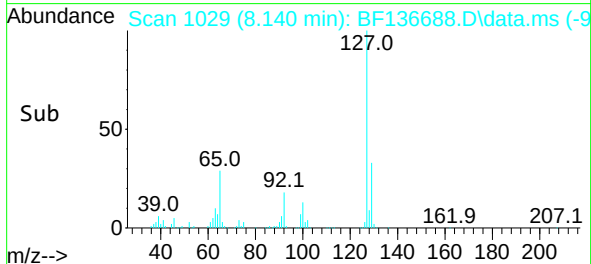
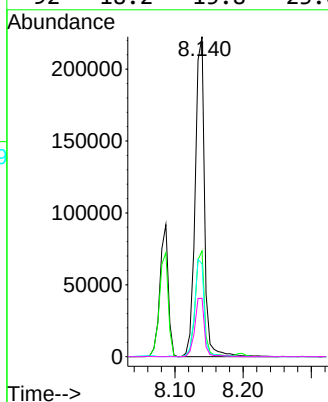
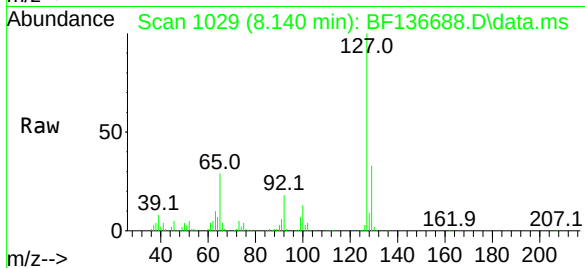
Tgt Ion:	127	Resp:	210720
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.3	39.5
65	29.0	25.8	38.8
92	18.2	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#34

Hexachlorobutadiene

Concen: 41.140 ng

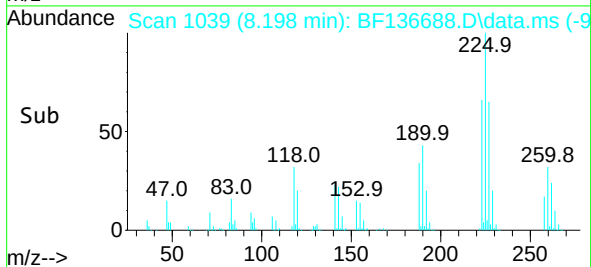
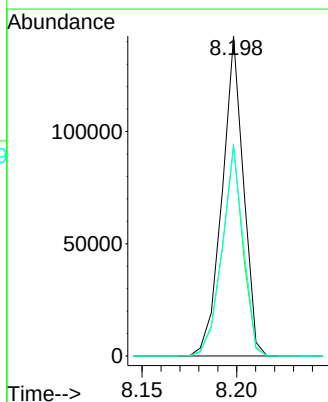
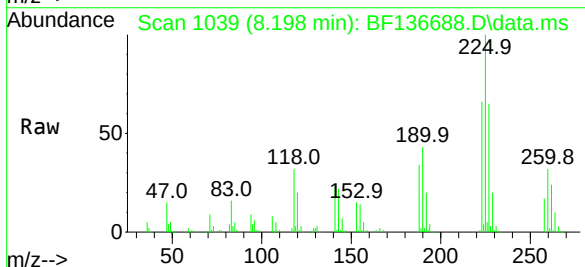
RT: 8.198 min Scan# 1039

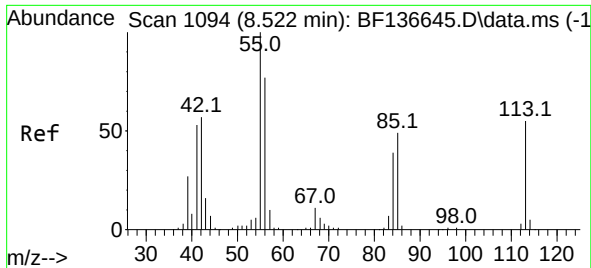
Delta R.T. -0.012 min

Lab File: BF136688.D

Acq: 22 Dec 2023 16:28

Tgt Ion:	225	Resp:	111055
Ion	Ratio	Lower	Upper
225	100		
223	66.1	50.6	76.0
227	65.4	51.9	77.9





#35
Caprolactam
Concen: 38.603 ng
RT: 8.516 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

Instrument :

BNA_F

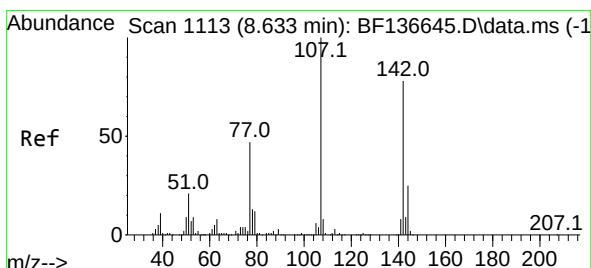
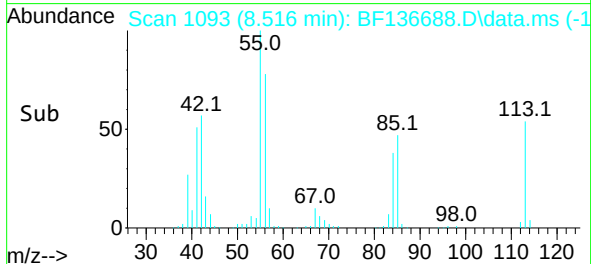
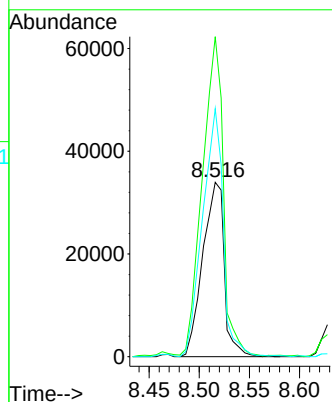
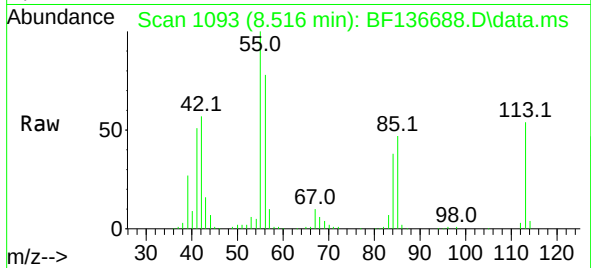
ClientSampleId :

SSTDCCC040

Tgt Ion:113 Resp: 50784
Ion Ratio Lower Upper
113 100
55 183.5 163.1 203.1
56 142.2 121.7 161.7

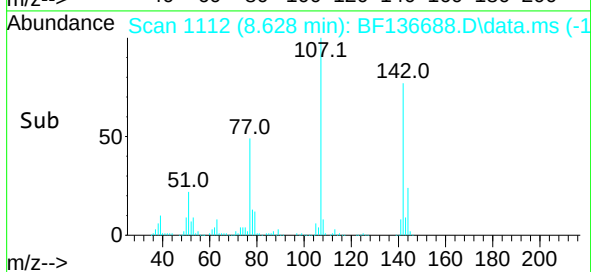
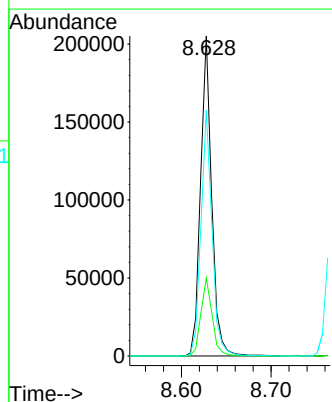
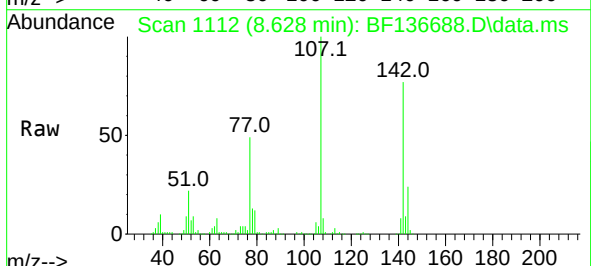
Manual Integrations
APPROVED

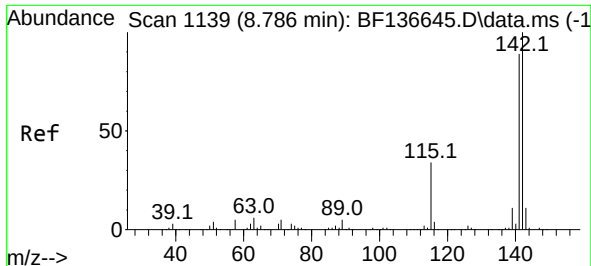
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#36
4-Chloro-3-methylphenol
Concen: 39.413 ng
RT: 8.628 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

Tgt Ion:107 Resp: 176935
Ion Ratio Lower Upper
107 100
144 24.4 20.2 30.2
142 76.7 62.3 93.5





#37

2-Methylnaphthalene

Concen: 40.192 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF136688.D

Acq: 22 Dec 2023 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 386015

Ion Ratio Lower Upper

142 100

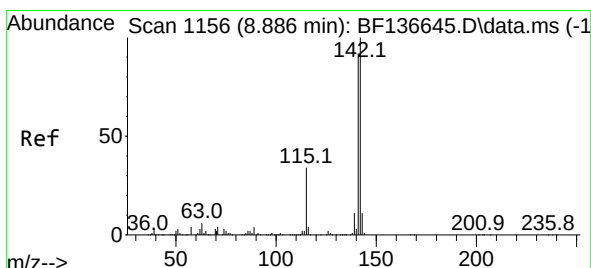
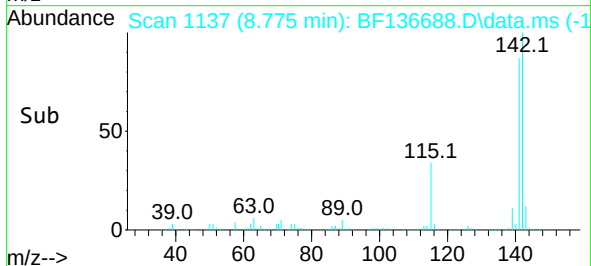
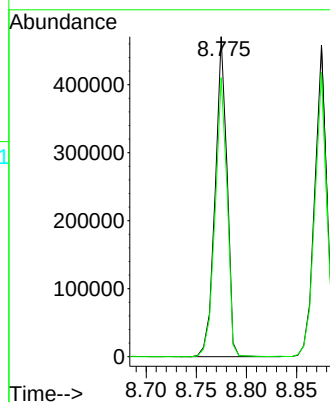
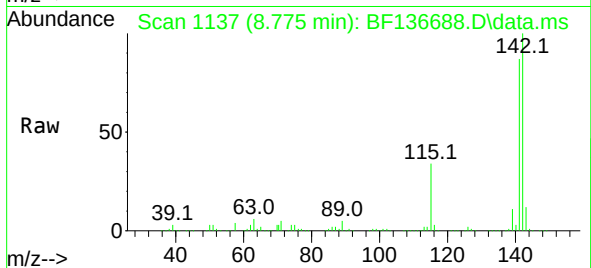
141 87.2 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#38

1-Methylnaphthalene

Concen: 39.719 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136688.D

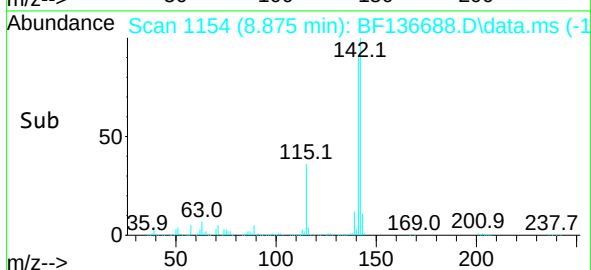
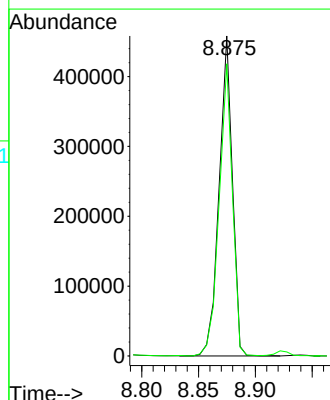
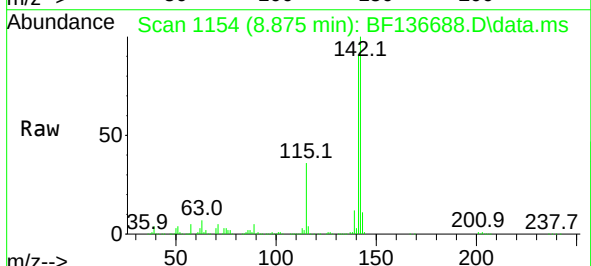
Acq: 22 Dec 2023 16:28

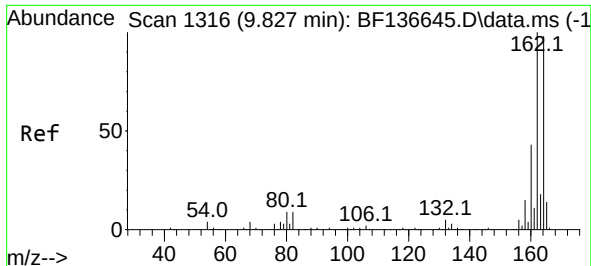
Tgt Ion:142 Resp: 374251

Ion Ratio Lower Upper

142 100

141 91.3 73.6 110.4





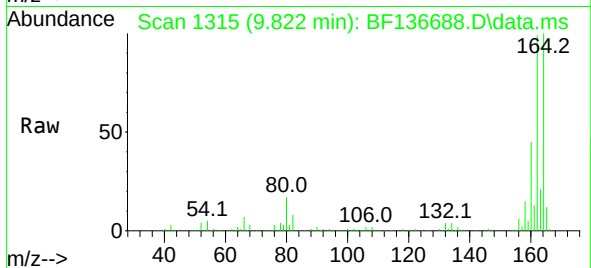
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

Instrument :

BNF_F

ClientSampleId :

SSTDCCC040



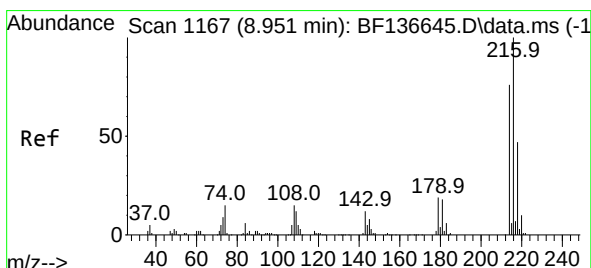
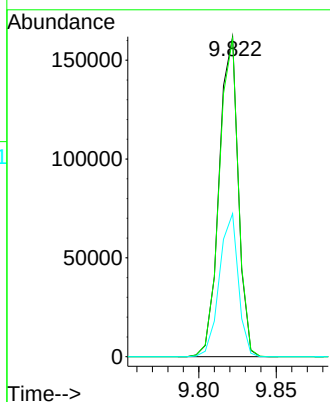
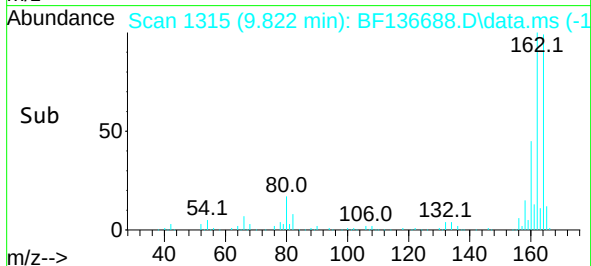
Tgt Ion:164 Resp: 138850
Ion Ratio Lower Upper
164 100
162 99.5 81.6 122.4
160 44.7 34.9 52.3

Manual Integrations

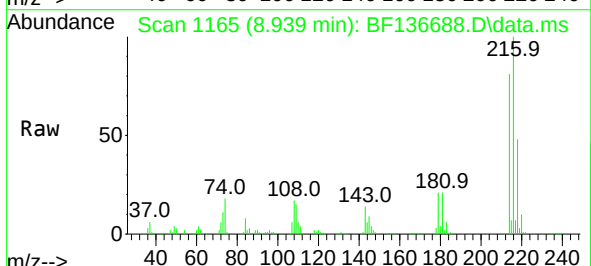
APPROVED

Reviewed By :Yogesh Patel 12/25/2023

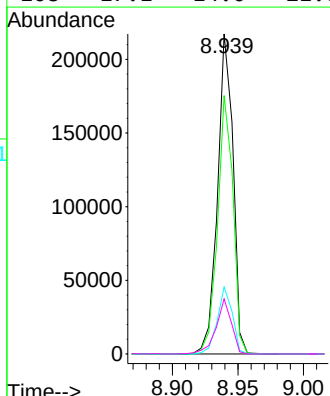
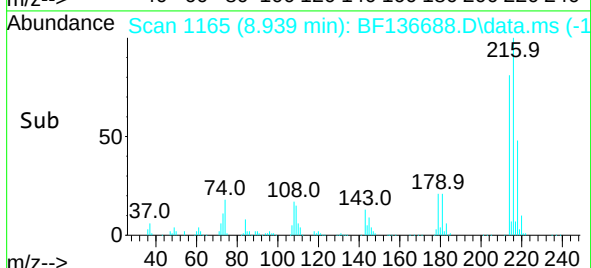
Supervised By :mohammad ahmed 12/25/2023

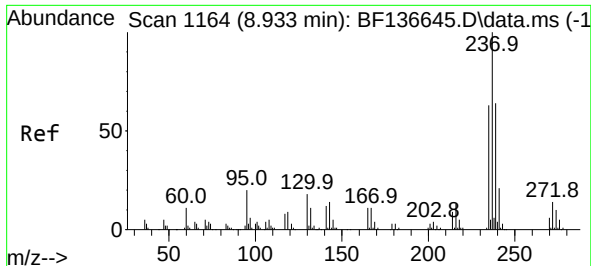


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.320 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.012 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28



Tgt Ion:216 Resp: 177688
Ion Ratio Lower Upper
216 100
214 80.3 62.3 93.5
179 20.3 16.4 24.6
108 17.1 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 37.446 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

Instrument :

BNA_F

ClientSampleId :

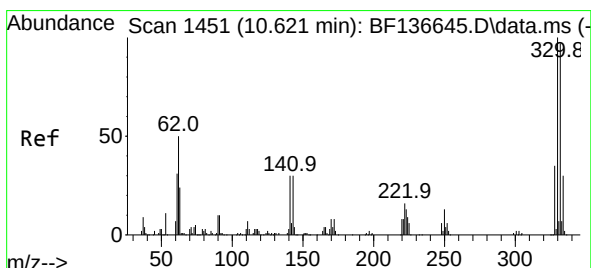
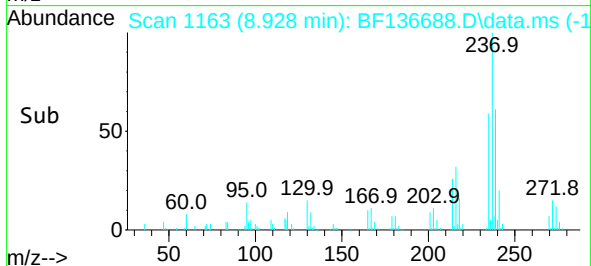
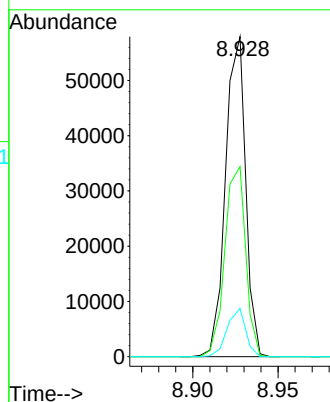
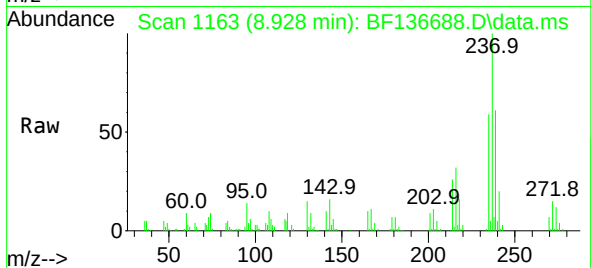
SSTDCCC040

Tgt Ion:237 Resp: 47538
Ion Ratio Lower Upper
237 100
235 59.4 43.2 83.2
272 15.1 0.0 34.2

Manual Integrations

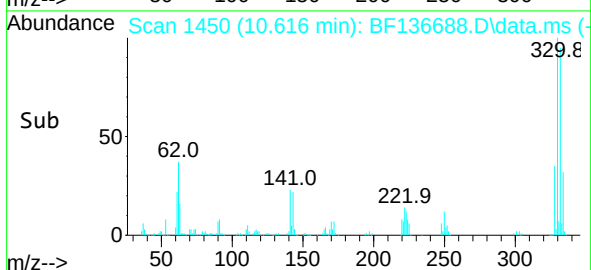
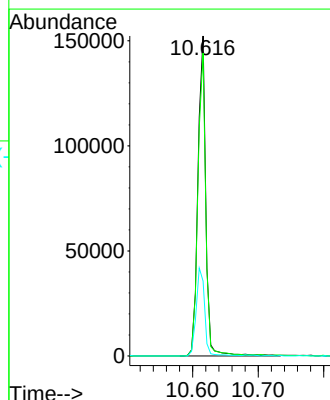
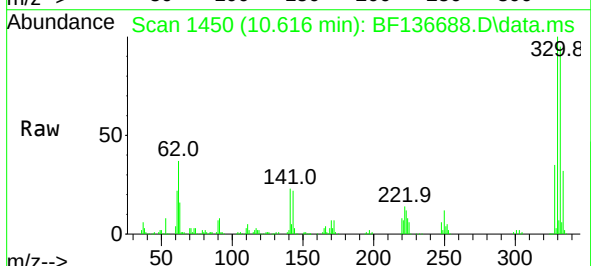
APPROVED

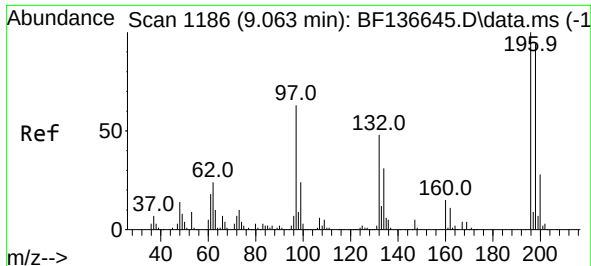
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#42
2,4,6-Tribromophenol
Concen: 77.951 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

Tgt Ion:330 Resp: 127476
Ion Ratio Lower Upper
330 100
332 94.7 77.4 116.0
141 29.6 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 41.429 ng

RT: 9.057 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF136688.D

Acq: 22 Dec 2023 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:196 Resp: 114250

Ion Ratio Lower Upper

196 100

198 96.2 75.1 112.7

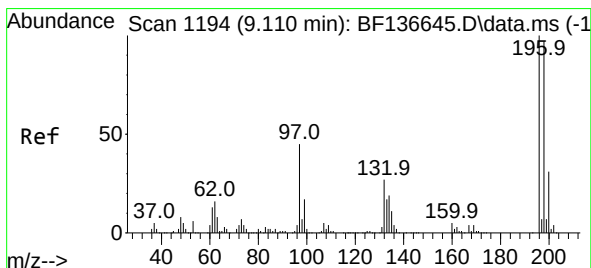
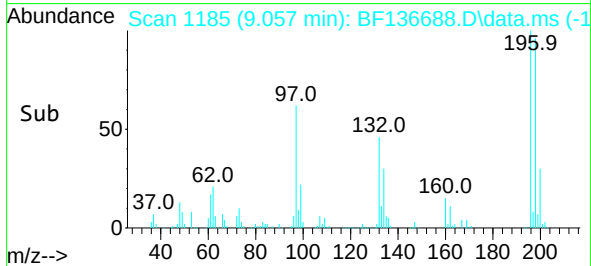
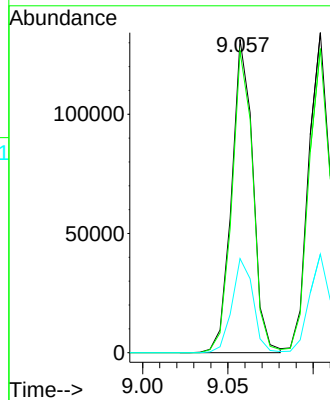
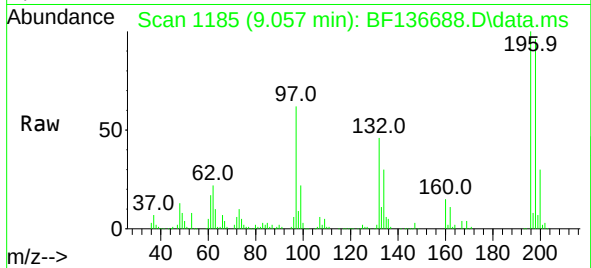
200 30.0 22.5 33.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#44

2,4,5-Trichlorophenol

Concen: 41.856 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF136688.D

Acq: 22 Dec 2023 16:28

Tgt Ion:196 Resp: 128634

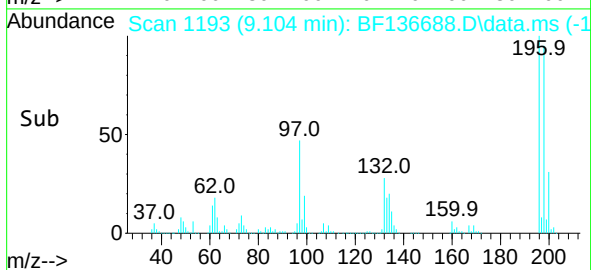
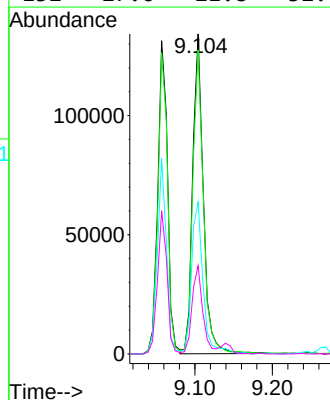
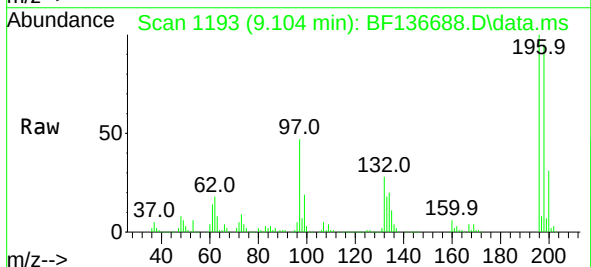
Ion Ratio Lower Upper

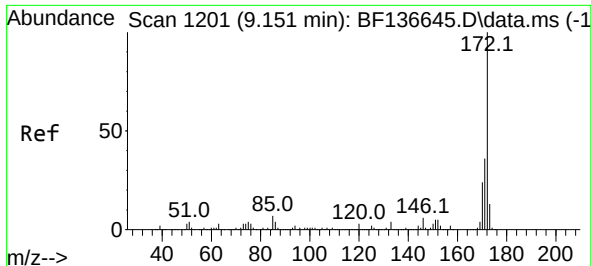
196 100

198 95.0 77.0 115.6

97 47.5 36.1 54.1

132 27.6 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 81.955 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136688.D

Acq: 22 Dec 2023 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

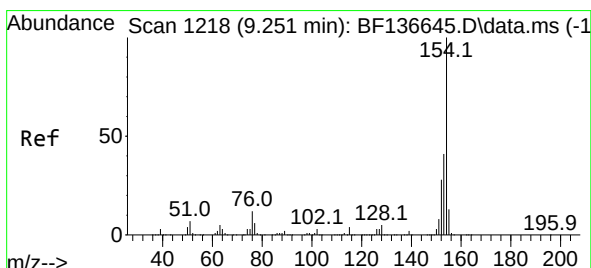
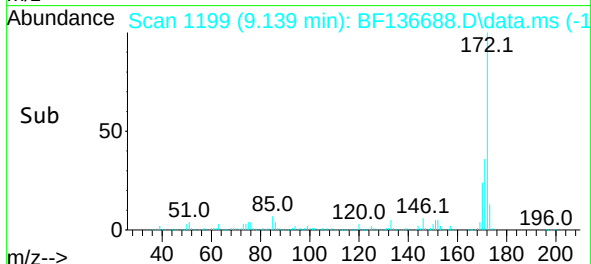
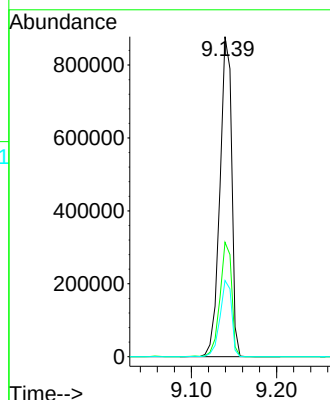
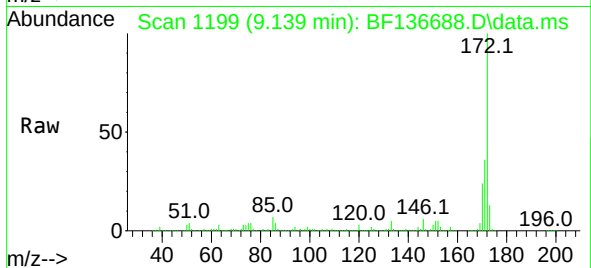
Tgt Ion:172 Resp: 846104
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.6
 170 23.8 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#46

1,1'-Biphenyl

Concen: 41.237 ng

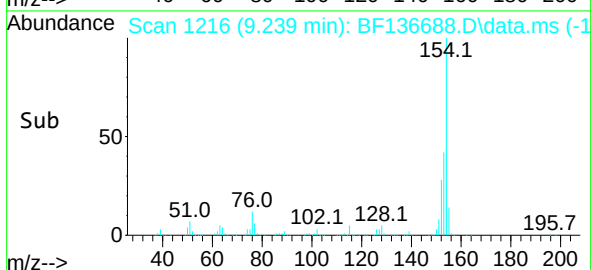
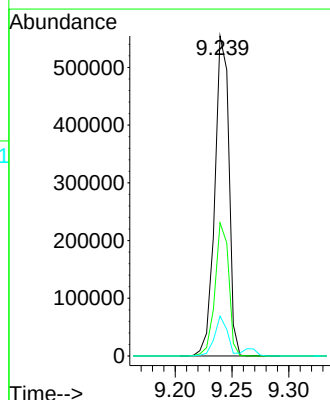
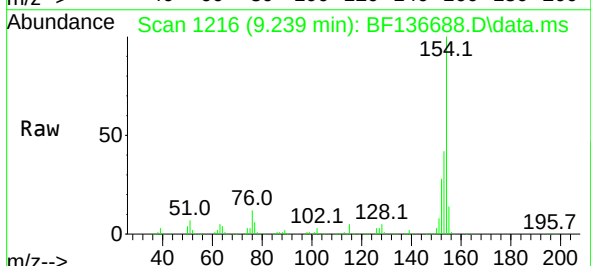
RT: 9.239 min Scan# 1216

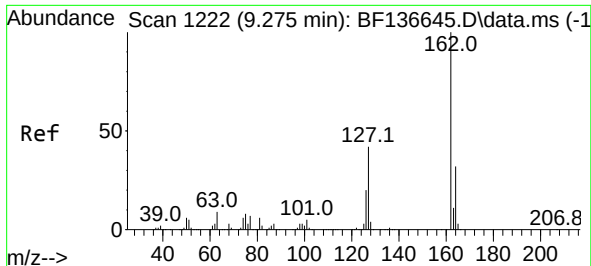
Delta R.T. -0.012 min

Lab File: BF136688.D

Acq: 22 Dec 2023 16:28

Tgt Ion:154 Resp: 480494
 Ion Ratio Lower Upper
 154 100
 153 41.6 21.1 61.1
 76 12.5 0.0 31.7





#47

2-Chloronaphthalene

Concen: 40.516 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF136688.D

Acq: 22 Dec 2023 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 358898

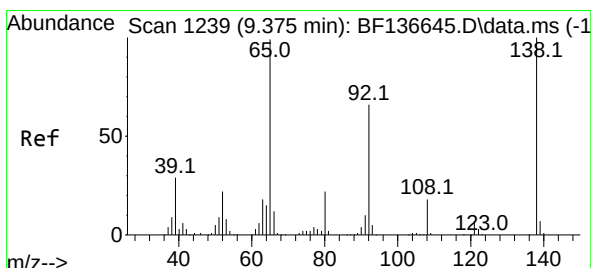
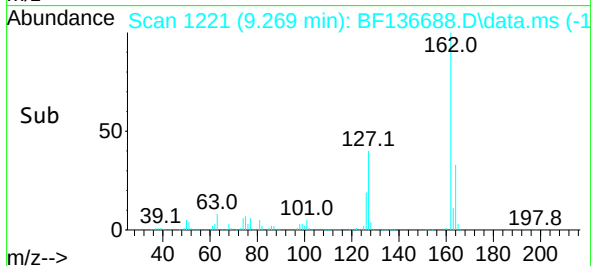
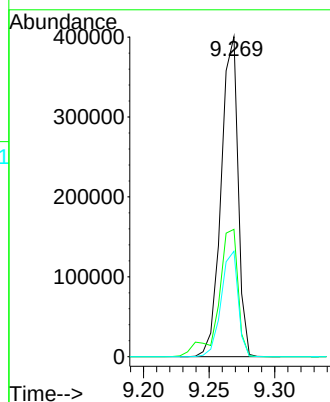
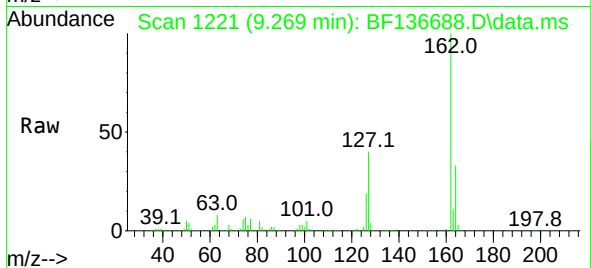
Ion	Ratio	Lower	Upper
162	100		
127	39.8	33.6	50.4
164	33.0	25.7	38.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#48

2-Nitroaniline

Concen: 40.231 ng

RT: 9.369 min Scan# 1238

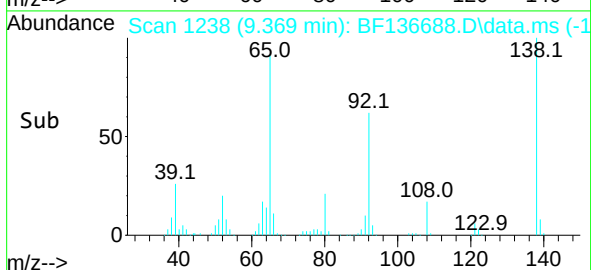
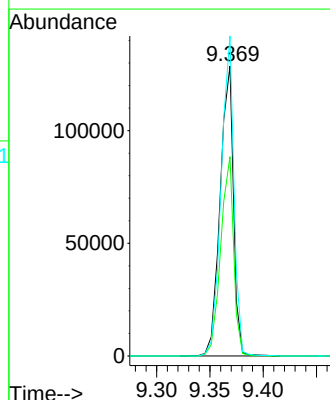
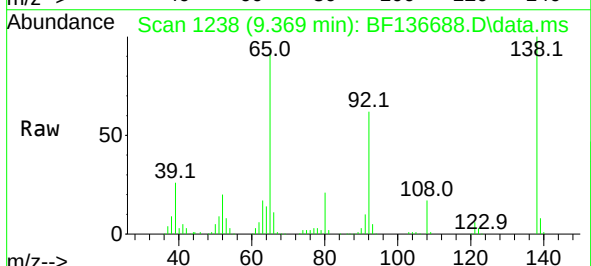
Delta R.T. -0.006 min

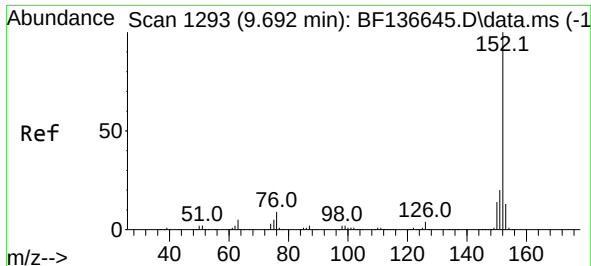
Lab File: BF136688.D

Acq: 22 Dec 2023 16:28

Tgt Ion: 65 Resp: 111596

Ion	Ratio	Lower	Upper
65	100		
92	68.8	53.2	79.8
138	110.3	81.1	121.7





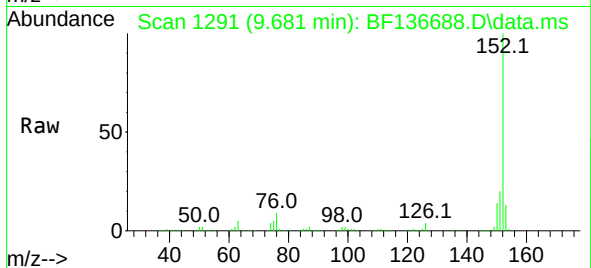
#49
Acenaphthylene
Concen: 40.784 ng
RT: 9.681 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

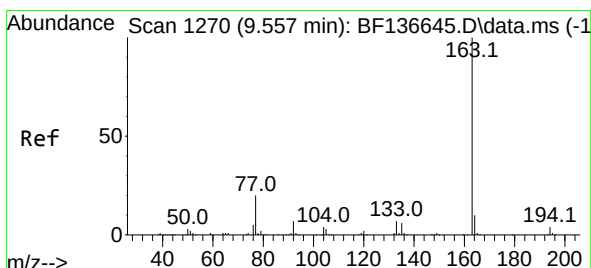
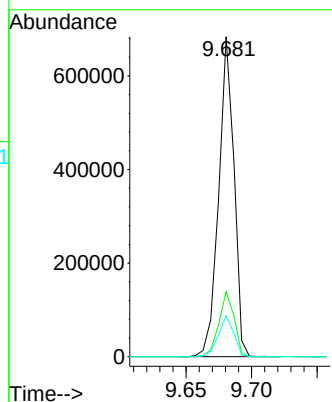
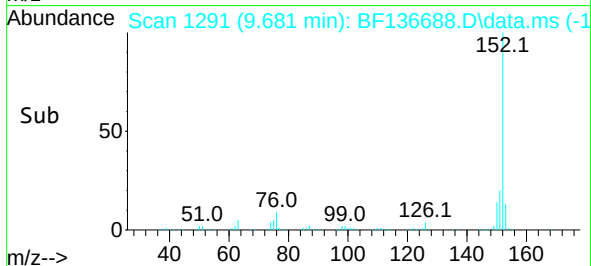


Tgt Ion:152 Resp: 552192
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 12.8 10.2 15.2

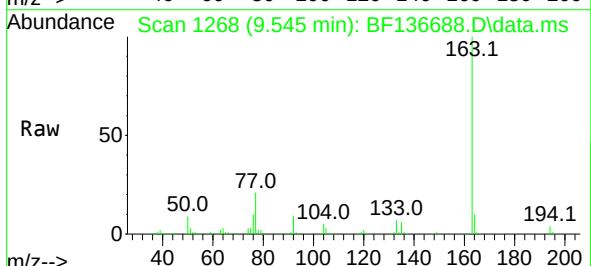
Manual Integrations

APPROVED

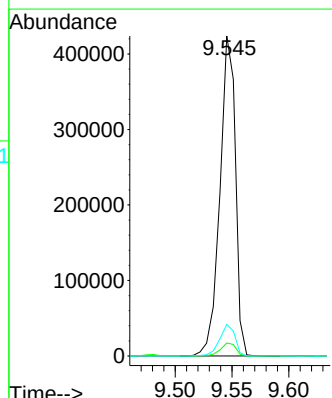
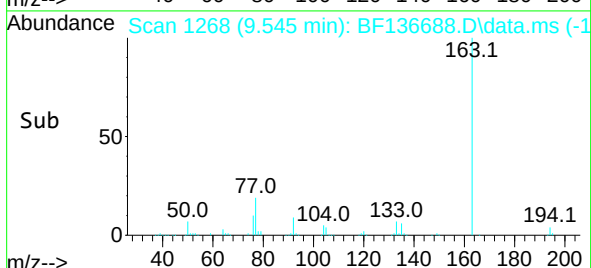
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

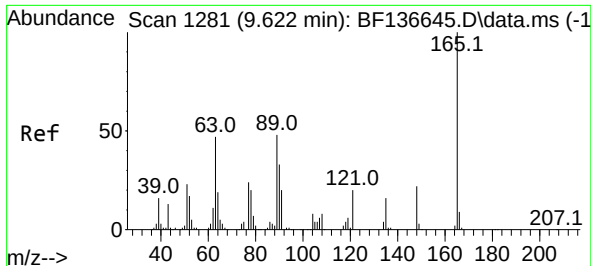


#50
Dimethylphthalate
Concen: 39.879 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28



Tgt Ion:163 Resp: 404470
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.8 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 40.083 ng

RT: 9.610 min Scan# 1279

Delta R.T. -0.012 min

Lab File: BF136688.D

Acq: 22 Dec 2023 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 9226

Ion Ratio Lower Upper

165 100

63 61.0 39.8 59.6

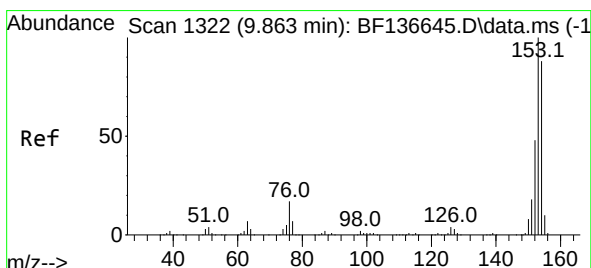
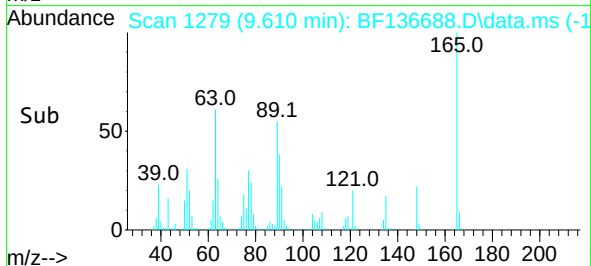
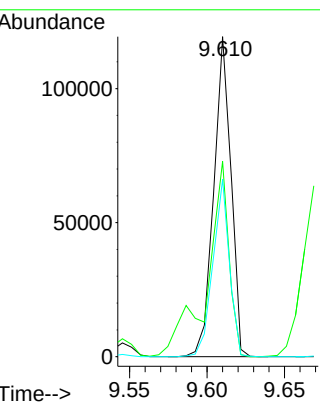
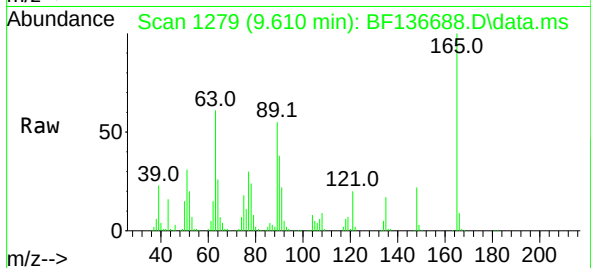
89 55.4 38.8 58.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#52

Acenaphthene

Concen: 40.019 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF136688.D

Acq: 22 Dec 2023 16:28

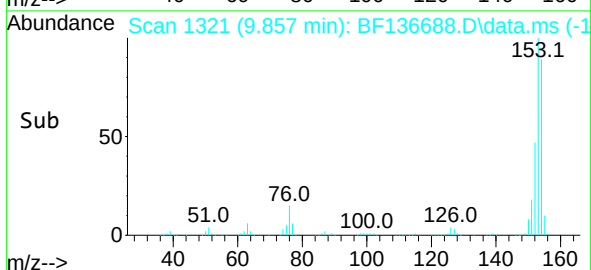
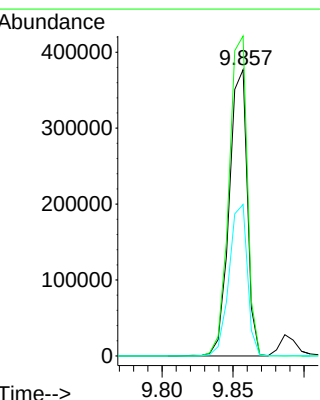
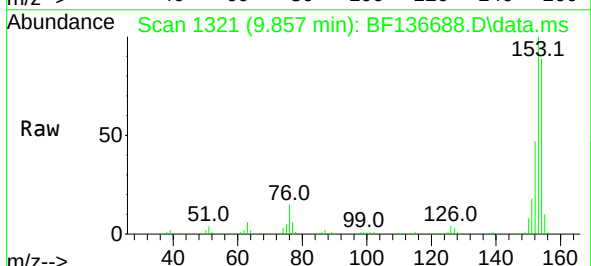
Tgt Ion:154 Resp: 335875

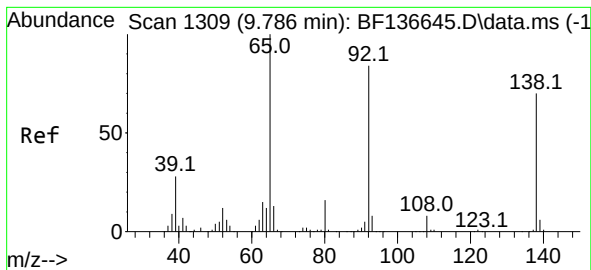
Ion Ratio Lower Upper

154 100

153 111.8 90.7 136.1

152 52.9 43.7 65.5





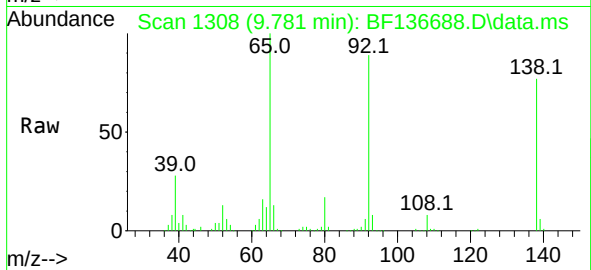
#53
3-Nitroaniline
Concen: 38.954 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



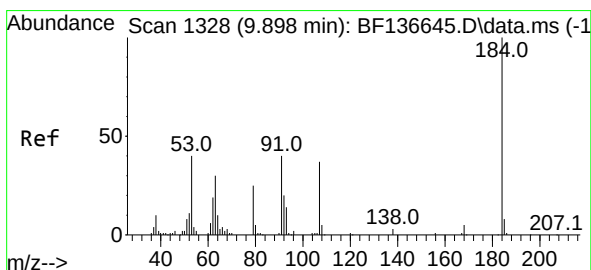
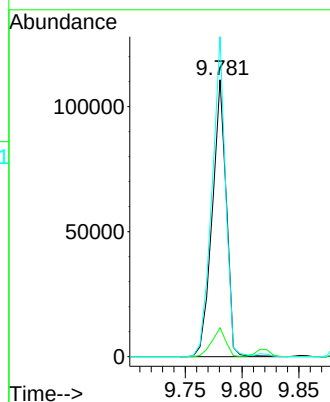
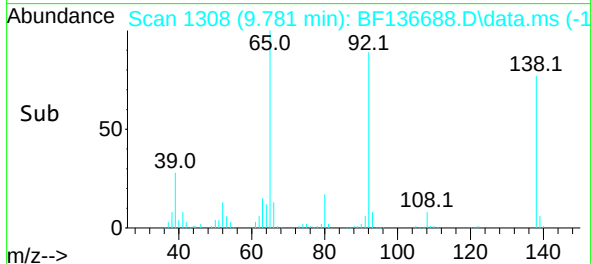
Tgt Ion:138 Resp: 94984
Ion Ratio Lower Upper
138 100
108 10.5 8.6 12.8
92 115.5 95.2 142.8

Manual Integrations

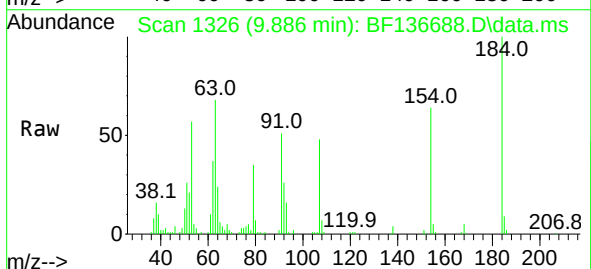
APPROVED

Reviewed By :Yogesh Patel 12/25/2023

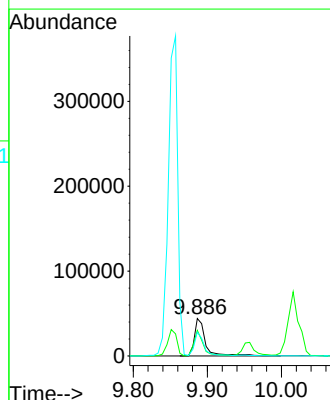
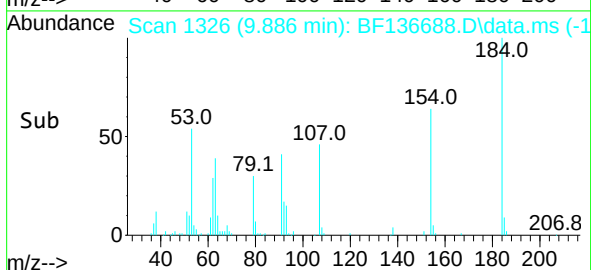
Supervised By :mohammad ahmed 12/25/2023

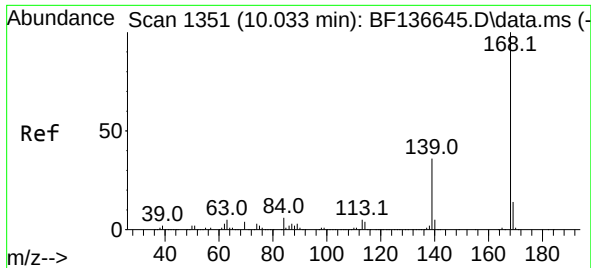


#54
2,4-Dinitrophenol
Concen: 38.011 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28



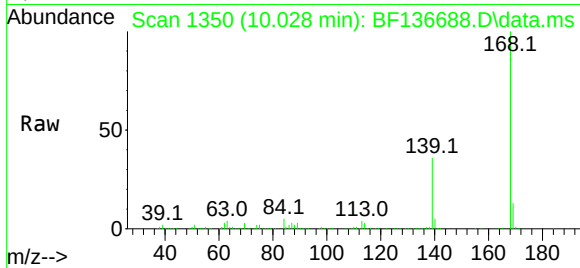
Tgt Ion:184 Resp: 45868
Ion Ratio Lower Upper
184 100
63 68.4 40.9 61.3#
154 63.6 42.7 64.1





#55
Dibenzenofuran
Concen: 40.129 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

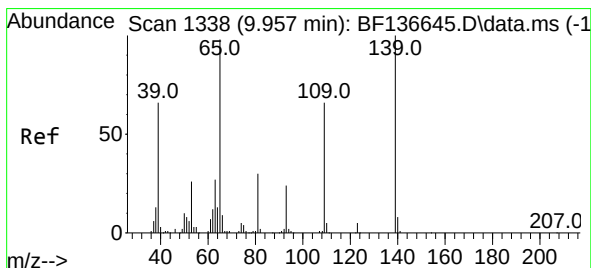
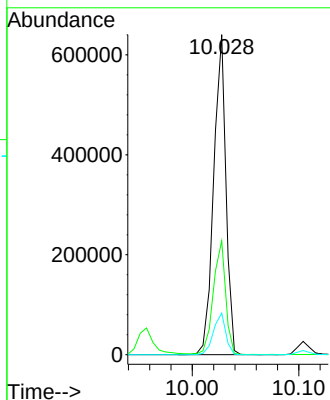
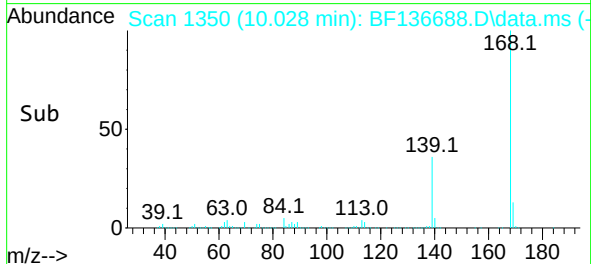
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 510530
Ion Ratio Lower Upper
168 100
139 35.6 29.3 43.9
169 13.0 11.0 16.4

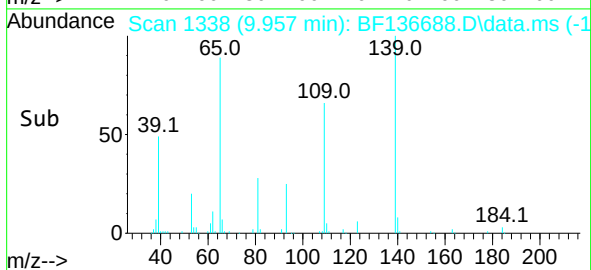
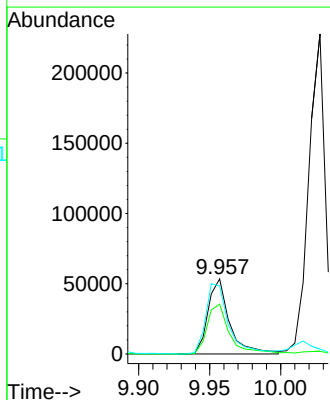
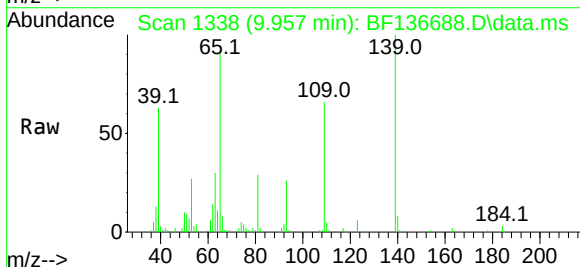
Manual Integrations
APPROVED

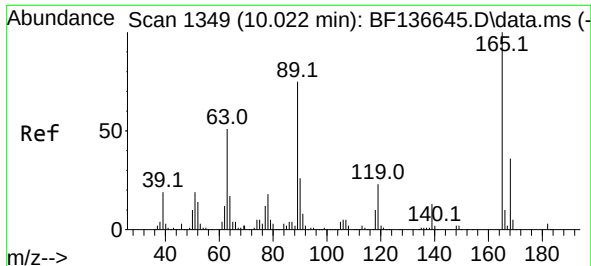
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#56
4-Nitrophenol
Concen: 34.086 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

Tgt Ion:139 Resp: 56106
Ion Ratio Lower Upper
139 100
109 66.3 45.8 85.8
65 90.6 77.8 117.8





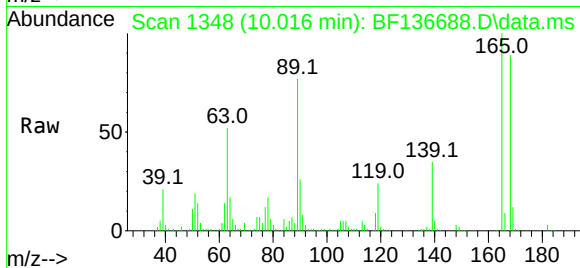
#57
2,4-Dinitrotoluene
Concen: 38.721 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



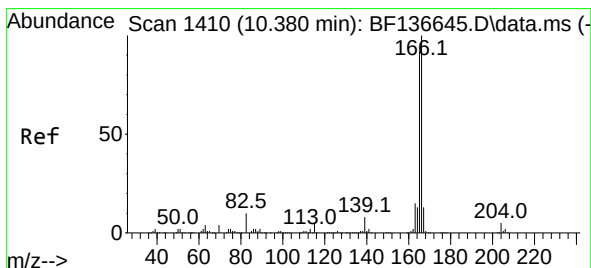
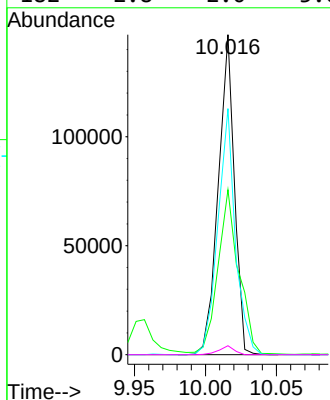
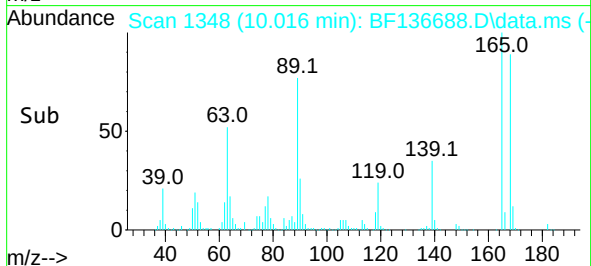
Tgt Ion:165 Resp: 11570
Ion Ratio Lower Upper
165 100
63 51.5 41.0 61.6
89 76.9 59.9 89.9
182 2.8 2.0 3.0

Manual Integrations

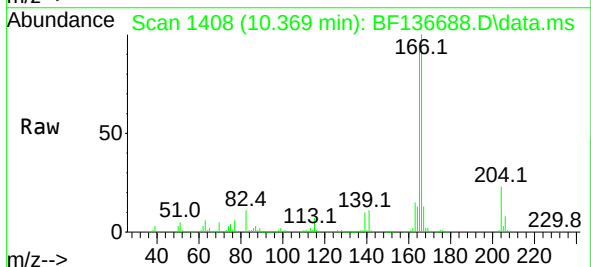
APPROVED

Reviewed By :Yogesh Patel 12/25/2023

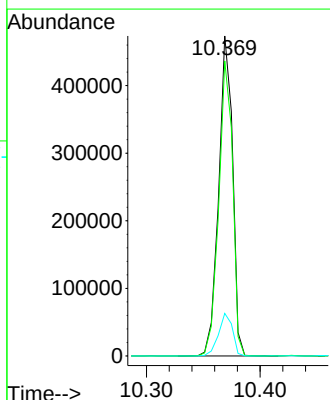
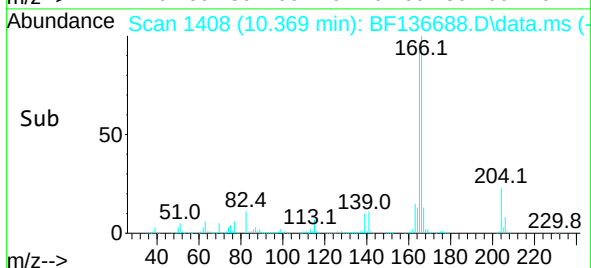
Supervised By :mohammad ahmed 12/25/2023

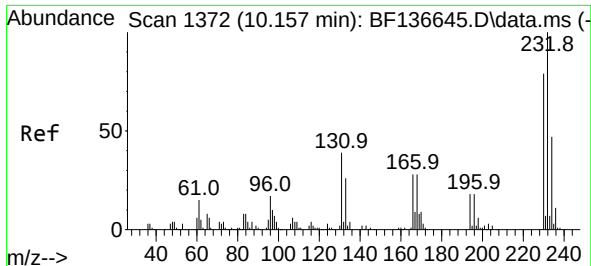


#58
Fluorene
Concen: 40.073 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28



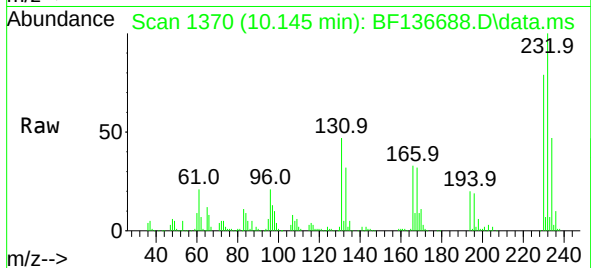
Tgt Ion:166 Resp: 404525
Ion Ratio Lower Upper
166 100
165 92.2 73.7 110.5
167 13.3 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.198 ng
RT: 10.145 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

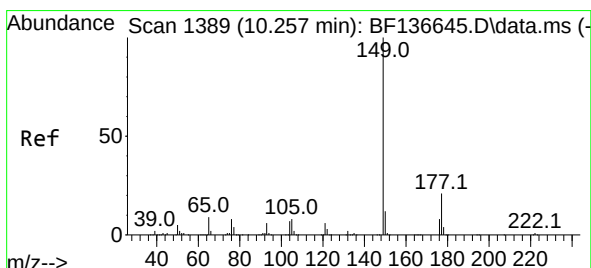
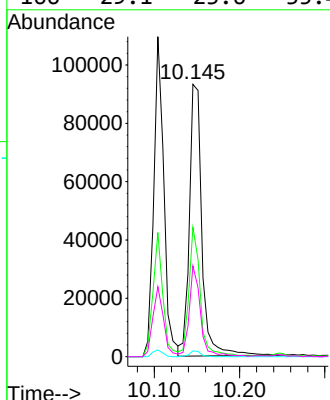
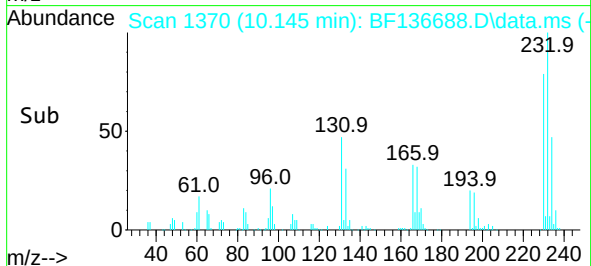
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 9509
Ion Ratio Lower Upper
232 100
131 43.8 35.1 52.7
130 1.9 1.6 2.4
166 29.1 23.6 35.4

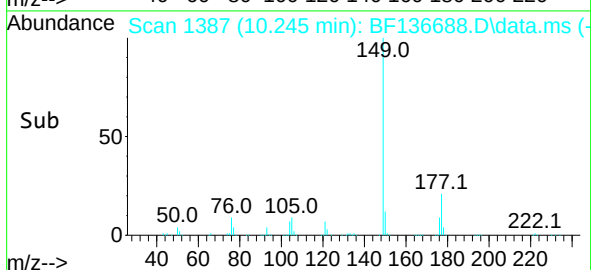
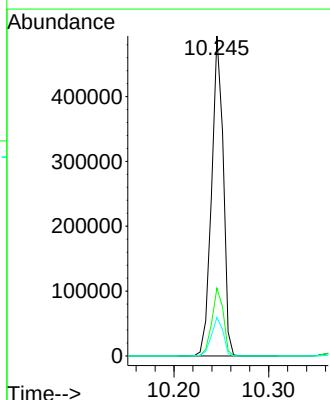
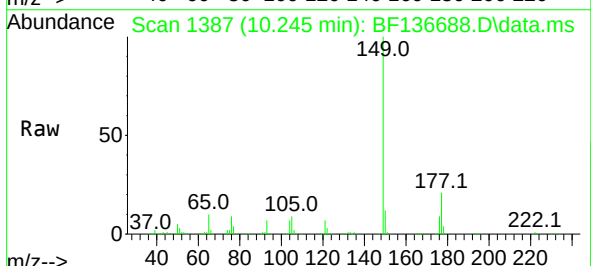
Manual Integrations
APPROVED

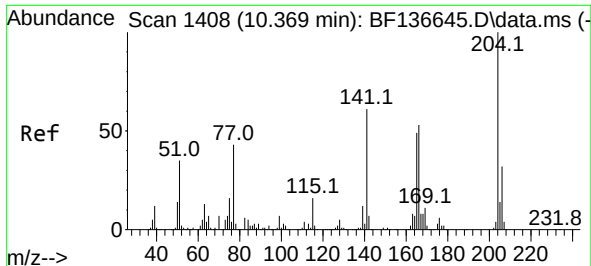
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#60
Diethylphthalate
Concen: 39.689 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

Tgt Ion:149 Resp: 417662
Ion Ratio Lower Upper
149 100
177 21.2 16.9 25.3
150 12.0 9.3 13.9





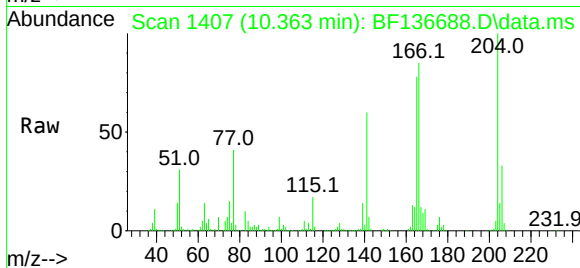
#61
4-Chlorophenyl-phenylether
Concen: 38.993 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

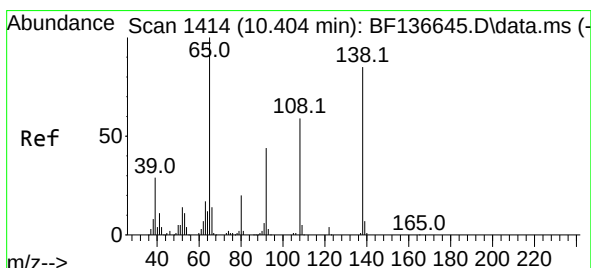
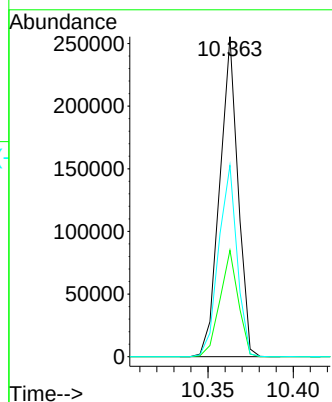
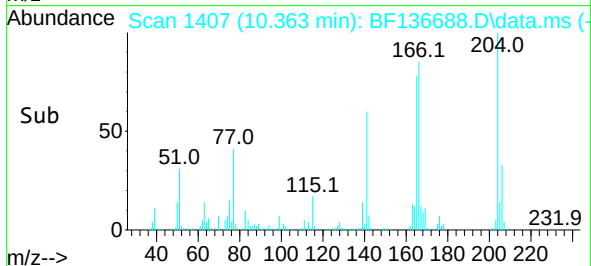


Tgt Ion:204 Resp: 191329
Ion Ratio Lower Upper
204 100
206 33.3 25.6 38.4
141 59.8 48.4 72.6

Manual Integrations

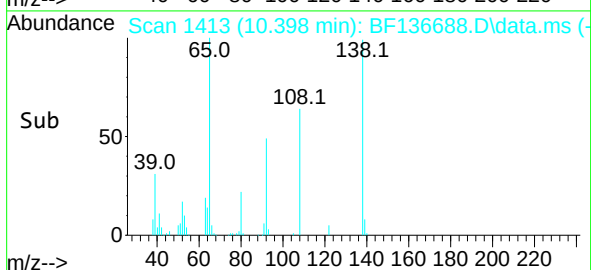
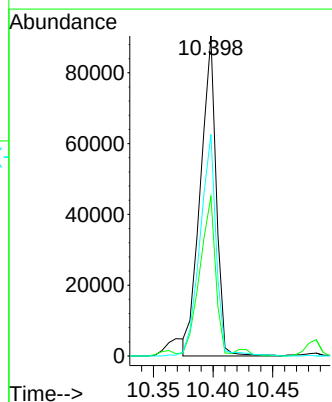
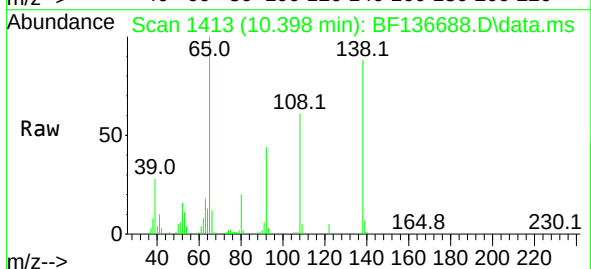
APPROVED

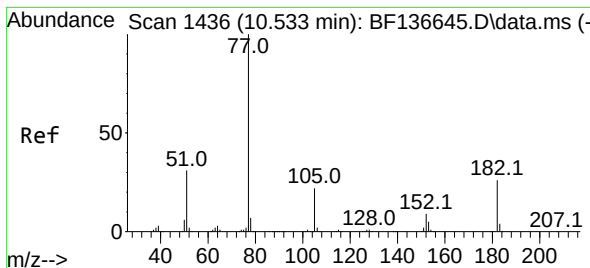
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#62
4-Nitroaniline
Concen: 35.688 ng m
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

Tgt Ion:138 Resp: 83890
Ion Ratio Lower Upper
138 100
92 49.8 32.1 72.1
108 69.2 50.1 90.1





#63

Azobenzene

Concen: 39.264 ng

RT: 10.522 min Scan# 1436

Delta R.T. -0.012 min

Lab File: BF136688.D

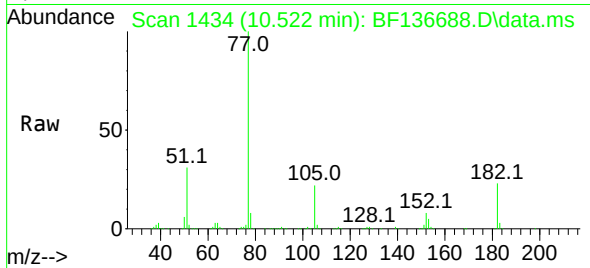
Acq: 22 Dec 2023 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 77 Resp: 385910

Ion Ratio Lower Upper

77 100

182 23.3 6.0 46.0

105 21.5 2.3 42.3

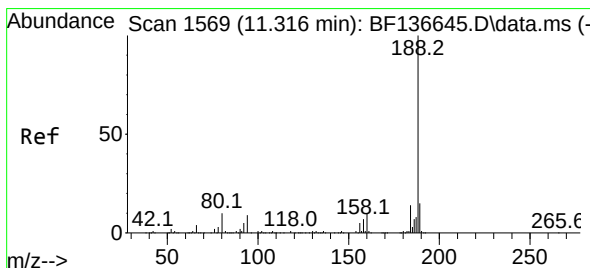
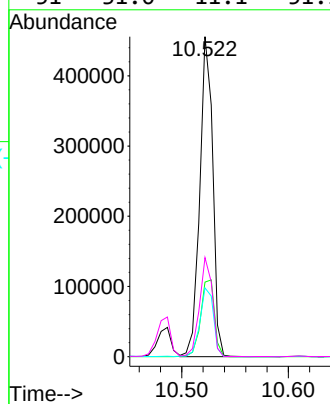
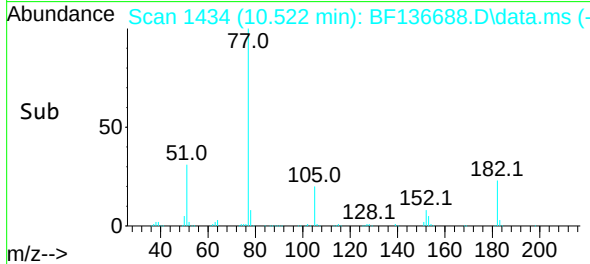
51 31.0 11.1 51.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1568

Delta R.T. -0.006 min

Lab File: BF136688.D

Acq: 22 Dec 2023 16:28

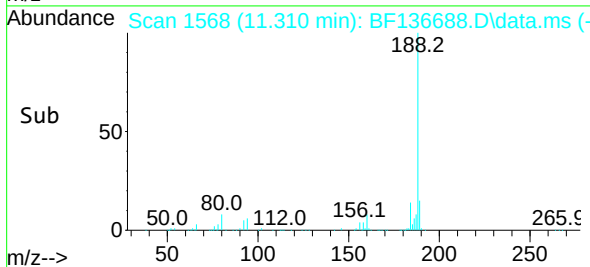
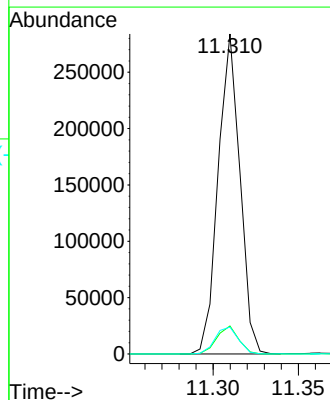
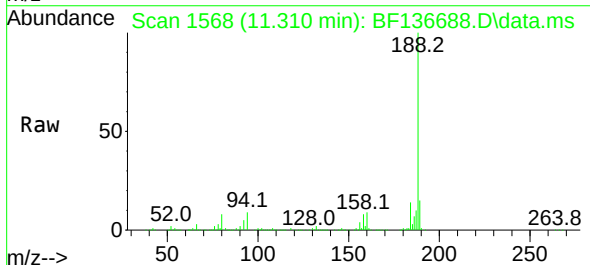
Tgt Ion:188 Resp: 252320

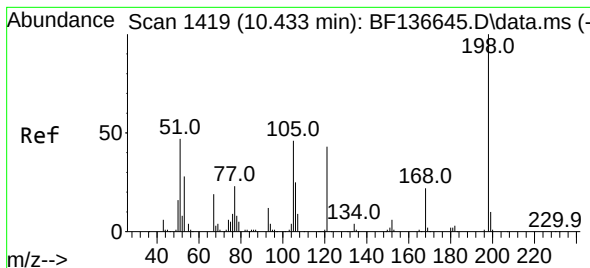
Ion Ratio Lower Upper

188 100

94 8.7 7.5 11.3

80 8.4 8.1 12.1





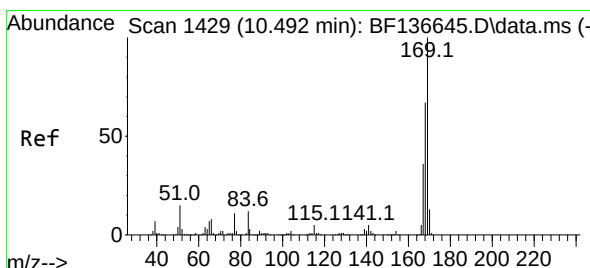
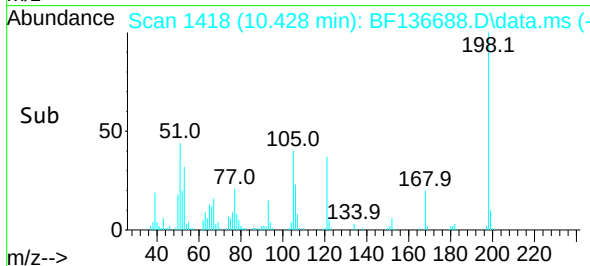
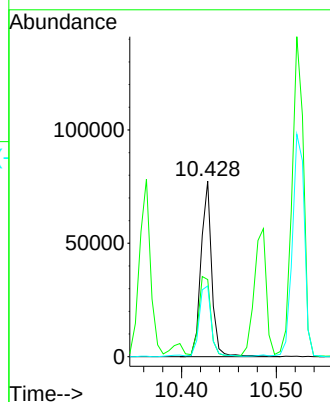
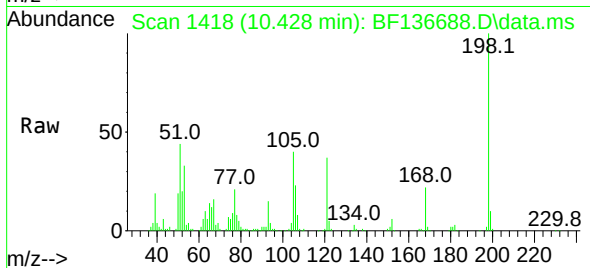
#65
4,6-Dinitro-2-methylphenol
Concen: 42.391 ng
RT: 10.428 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 61299
Ion Ratio Lower Upper
198 100
51 43.9 34.1 74.1
105 40.3 27.3 67.3

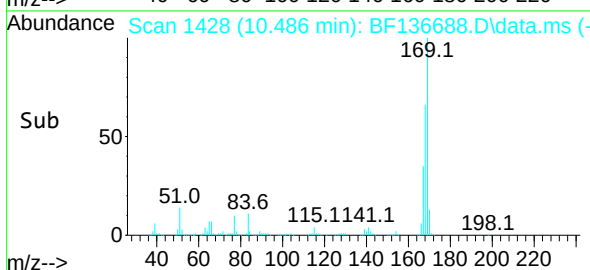
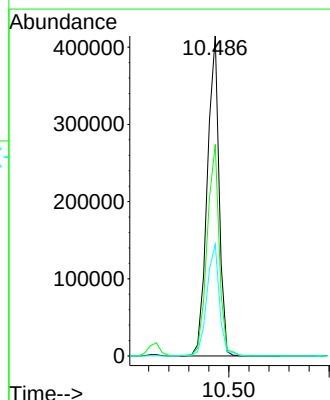
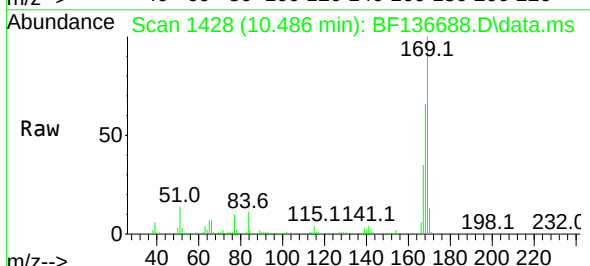
Manual Integrations
APPROVED

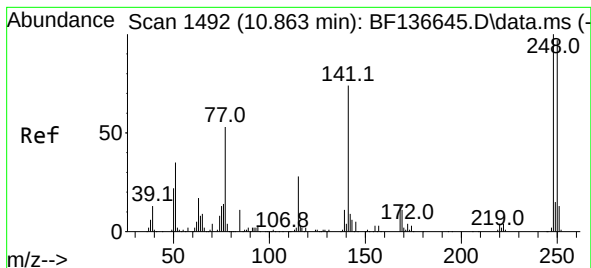
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#66
n-Nitrosodiphenylamine
Concen: 41.641 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

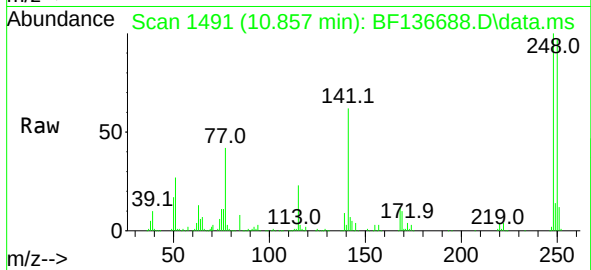
Tgt Ion:169 Resp: 341313
Ion Ratio Lower Upper
169 100
168 66.1 53.8 80.6
167 34.9 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 42.271 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

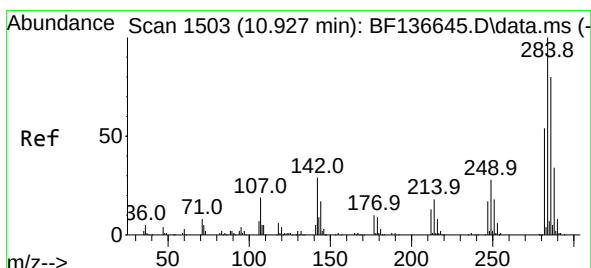
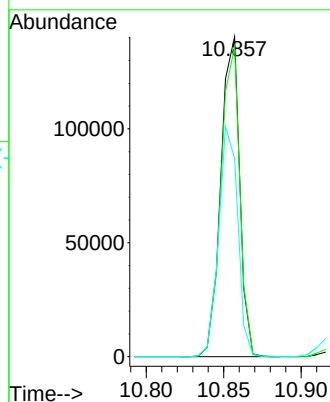
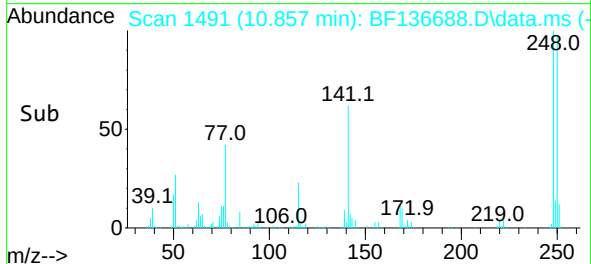
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



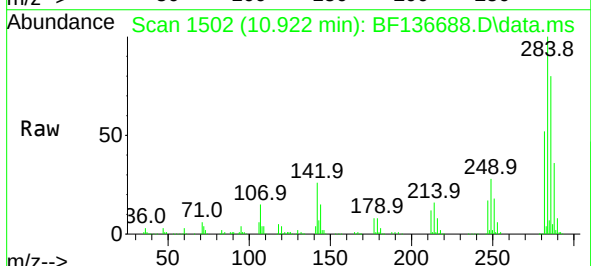
Tgt Ion:248 Resp: 11845
Ion Ratio Lower Upper
248 100
250 96.8 77.8 116.6
141 61.9 59.2 88.8

Manual Integrations
APPROVED

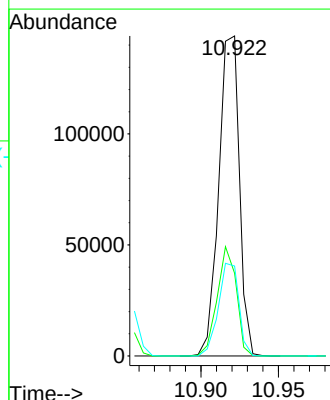
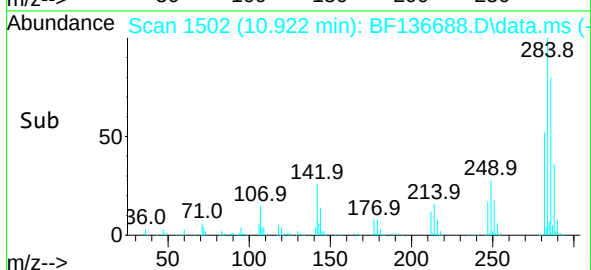
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

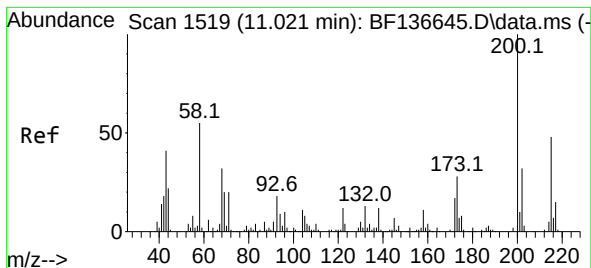


#68
Hexachlorobenzene
Concen: 42.738 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28



Tgt Ion:284 Resp: 133461
Ion Ratio Lower Upper
284 100
142 25.9 23.4 35.0
249 28.1 22.3 33.5





#69

Atrazine

Concen: 36.566 ng

RT: 11.016 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF136688.D

Acq: 22 Dec 2023 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

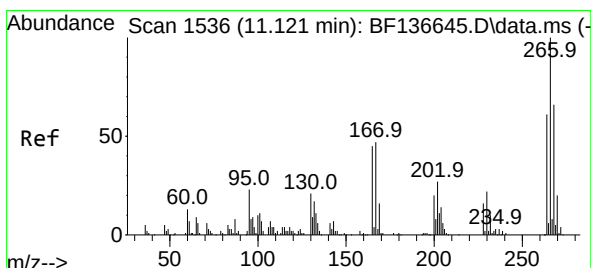
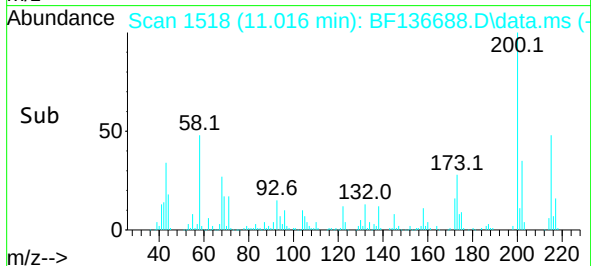
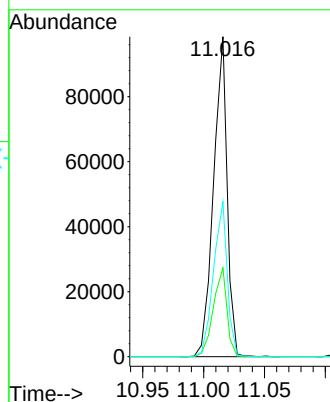
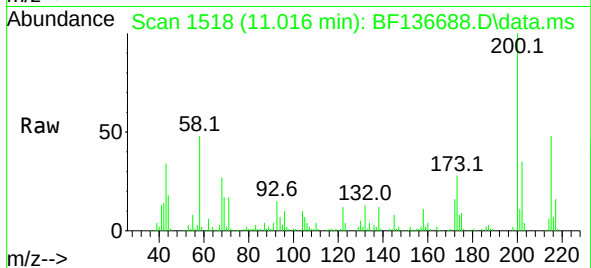
Tgt Ion:200 Resp: 7665
 Ion Ratio Lower Upper
 200 100
 173 27.7 7.6 47.6
 215 48.5 28.3 68.3

Manual Integrations

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Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#70

Pentachlorophenol

Concen: 38.749 ng

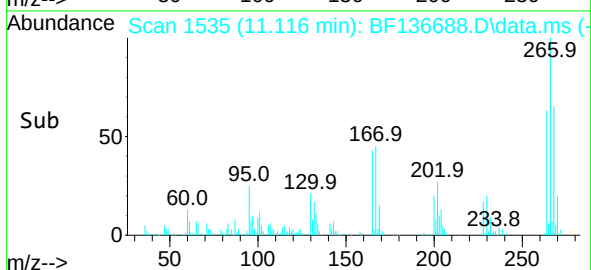
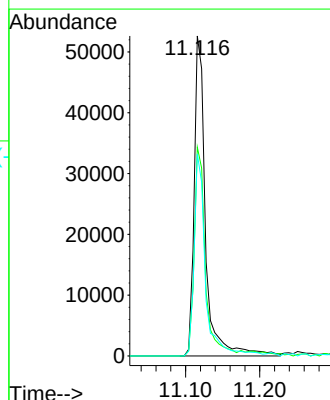
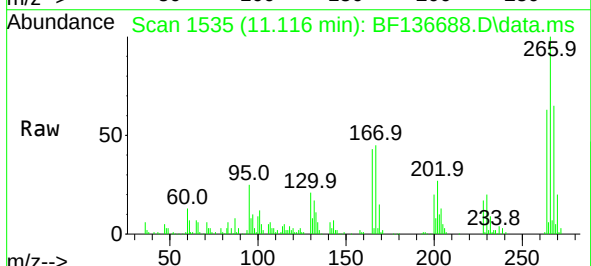
RT: 11.116 min Scan# 1535

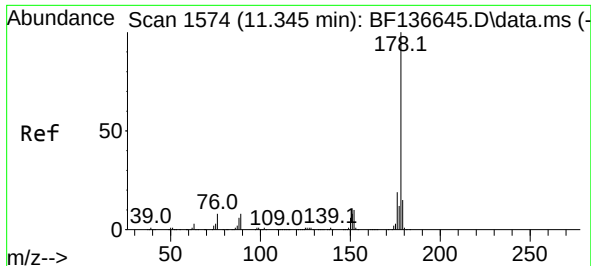
Delta R.T. -0.006 min

Lab File: BF136688.D

Acq: 22 Dec 2023 16:28

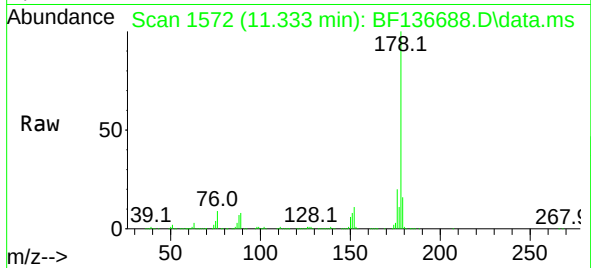
Tgt Ion:266 Resp: 56402
 Ion Ratio Lower Upper
 266 100
 268 65.3 52.6 78.8
 264 63.1 49.0 73.4





#71
Phenanthrene
Concen: 40.810 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

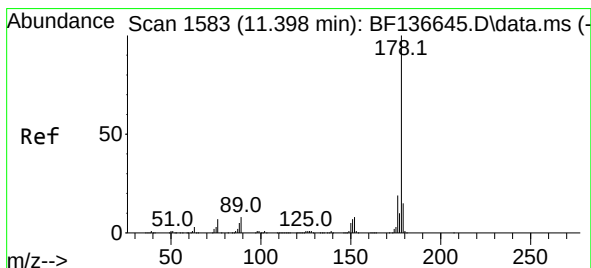
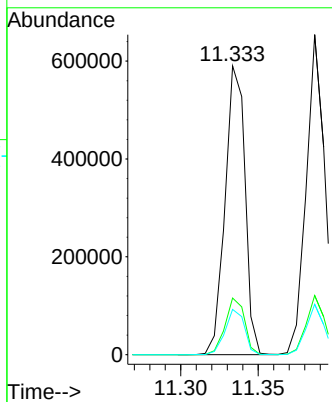
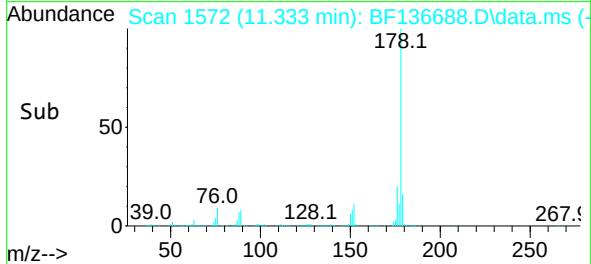
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



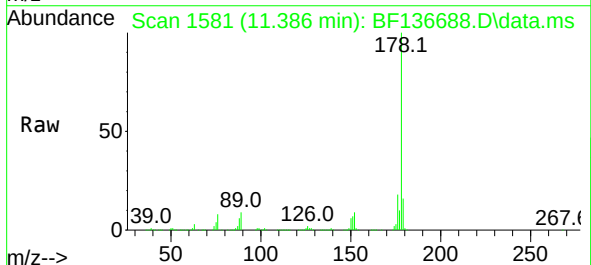
Tgt Ion:178 Resp: 52835
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 15.7 11.9 17.9

Manual Integrations
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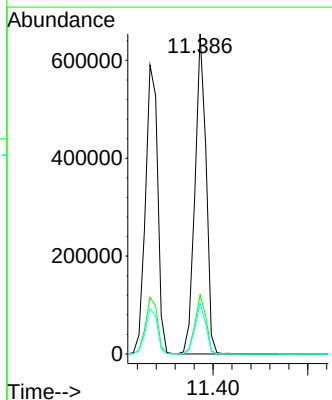
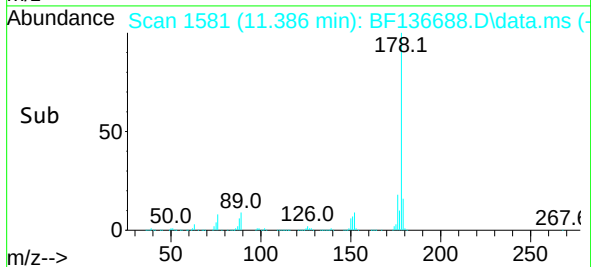
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

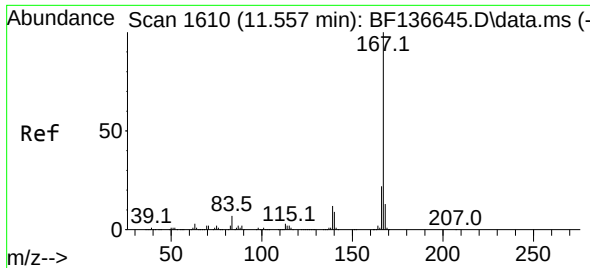


#72
Anthracene
Concen: 40.664 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28



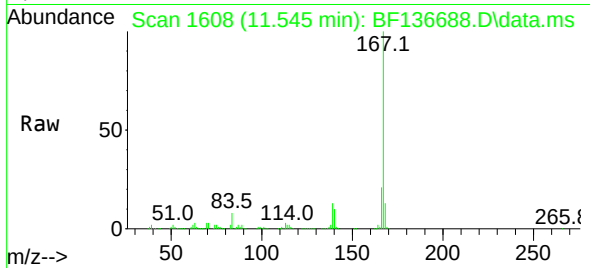
Tgt Ion:178 Resp: 533171
Ion Ratio Lower Upper
178 100
176 18.5 14.9 22.3
179 15.7 11.8 17.6





#73
 Carbazole
 Concen: 38.765 ng
 RT: 11.545 min Scan# 1608
 Delta R.T. -0.012 min
 Lab File: BF136688.D
 Acq: 22 Dec 2023 16:28

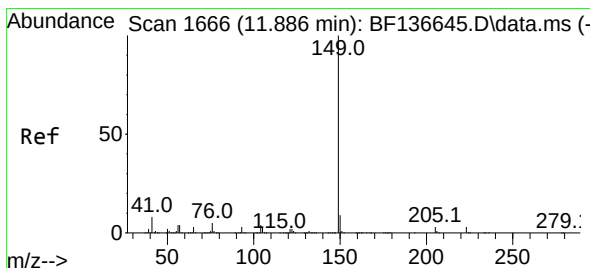
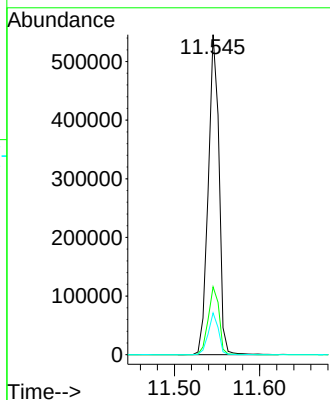
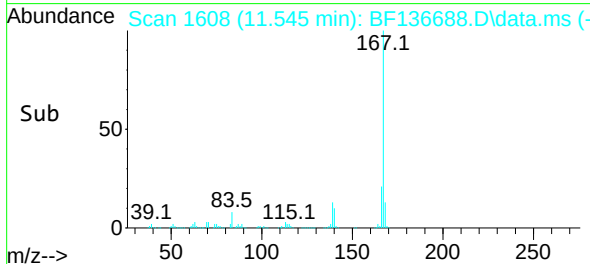
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



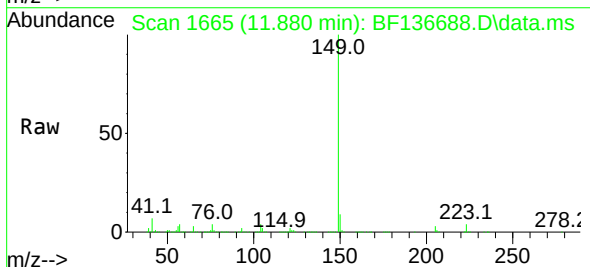
Tgt Ion:167 Resp: 47920
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.3 25.9
 139 13.0 9.8 14.6

Manual Integrations
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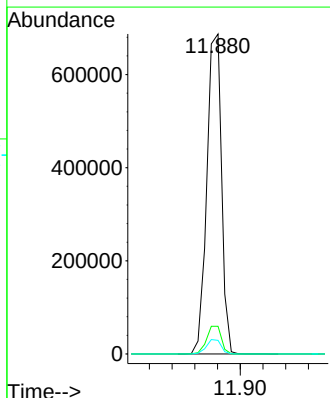
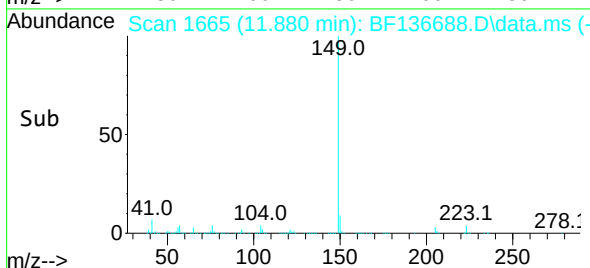
Reviewed By :Yogesh Patel 12/25/2023
 Supervised By :mohammad ahmed 12/25/2023

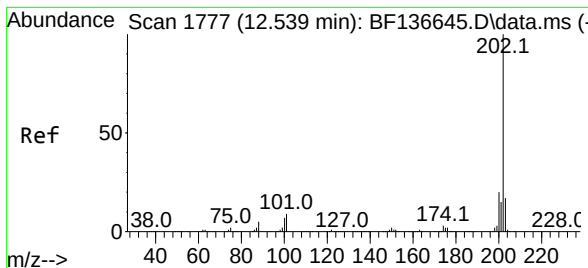


#74
 Di-n-butylphthalate
 Concen: 40.809 ng
 RT: 11.880 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF136688.D
 Acq: 22 Dec 2023 16:28



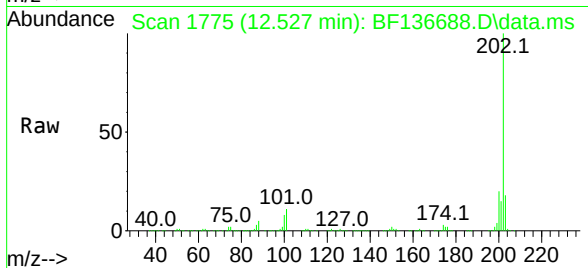
Tgt Ion:149 Resp: 615574
 Ion Ratio Lower Upper
 149 100
 150 8.6 7.4 11.2
 104 4.2 3.6 5.4





#75
Fluoranthene
Concen: 38.388 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.012 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

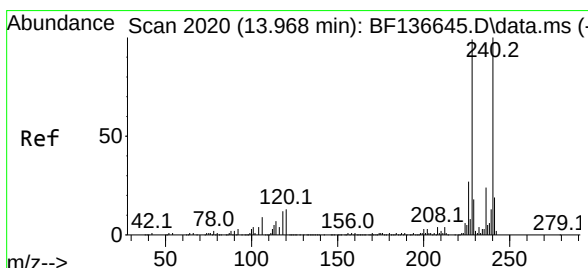
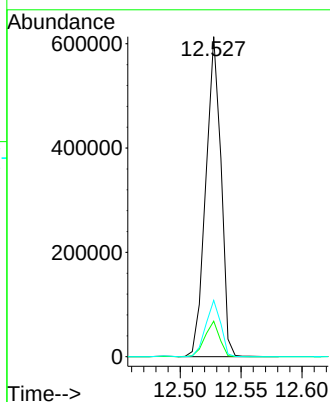
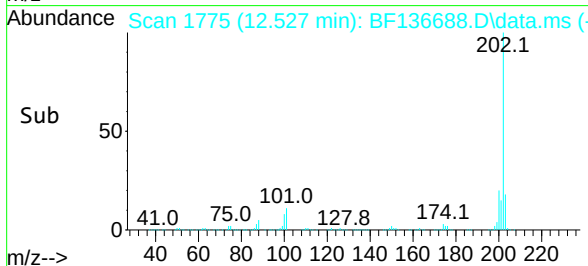
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



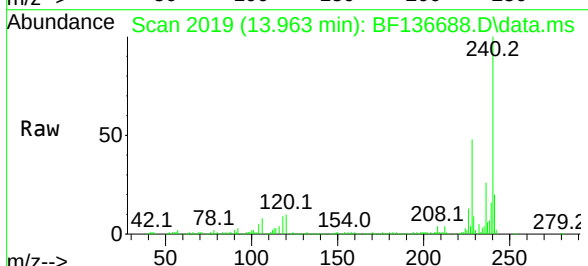
Tgt Ion:202 Resp: 531618
Ion Ratio Lower Upper
202 100
101 11.1 0.0 29.3
203 17.6 0.0 37.1

Manual Integrations
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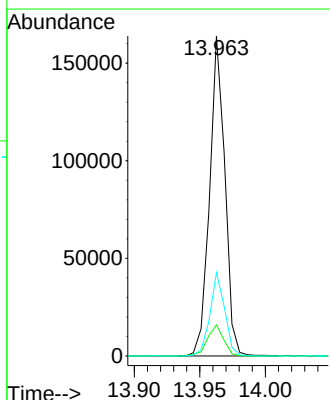
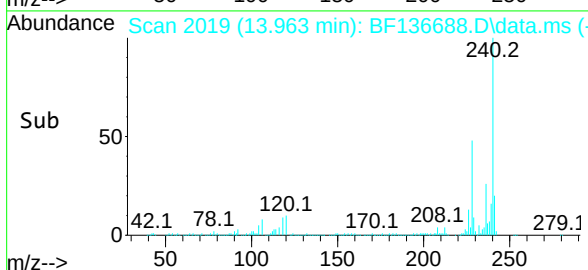
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

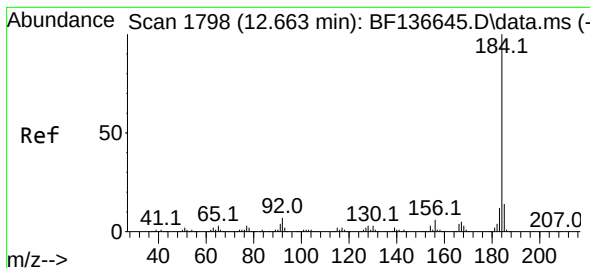


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28



Tgt Ion:240 Resp: 132822
Ion Ratio Lower Upper
240 100
120 9.7 10.3 15.5#
236 26.0 19.4 29.2





#77

Benzidine

Concen: 43.221 ng

RT: 12.657 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136688.D

Acq: 22 Dec 2023 16:28

Instrument :

BNA_F

ClientSampleId :

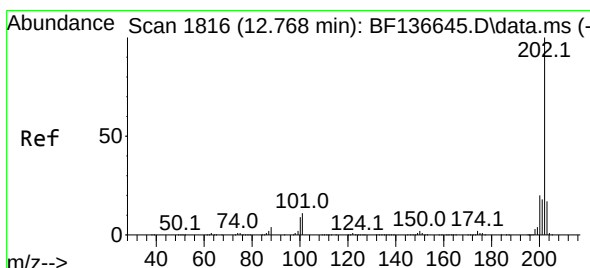
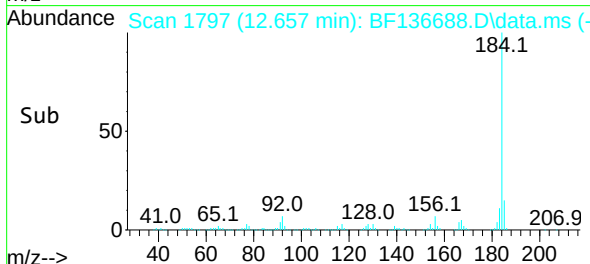
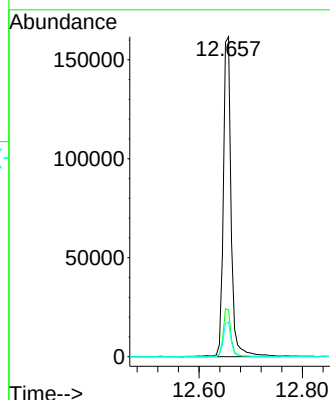
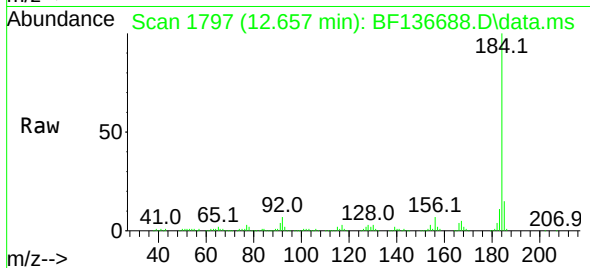
SSTDCCC040

Tgt Ion:184 Resp: 169268
 Ion Ratio Lower Upper
 184 100
 185 14.6 11.2 16.8
 183 10.8 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023
 Supervised By :mohammad ahmed 12/25/2023



#78

Pyrene

Concen: 40.907 ng

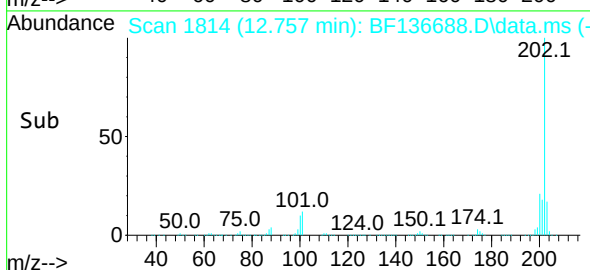
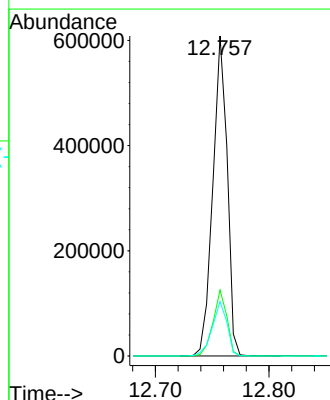
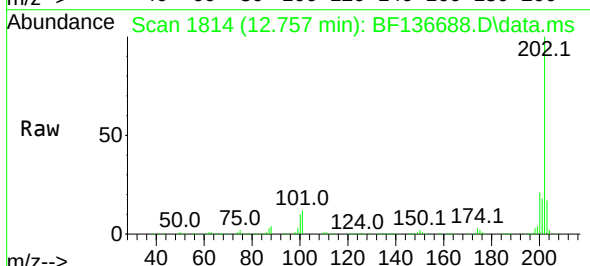
RT: 12.757 min Scan# 1814

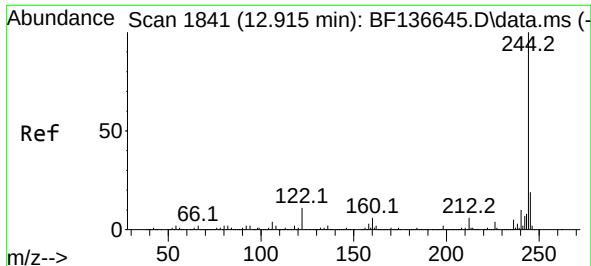
Delta R.T. -0.012 min

Lab File: BF136688.D

Acq: 22 Dec 2023 16:28

Tgt Ion:202 Resp: 533369
 Ion Ratio Lower Upper
 202 100
 200 20.6 15.9 23.9
 203 17.0 13.8 20.6





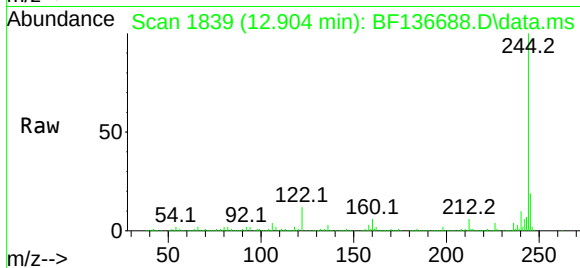
#79
 Terphenyl-d14
 Concen: 81.383 ng
 RT: 12.904 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF136688.D
 Acq: 22 Dec 2023 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

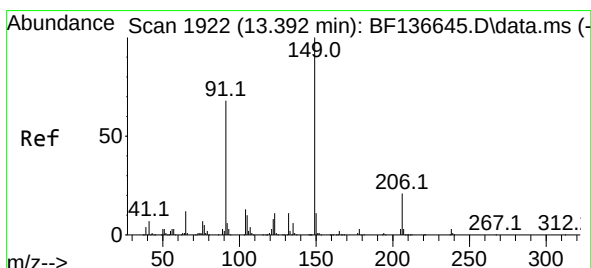
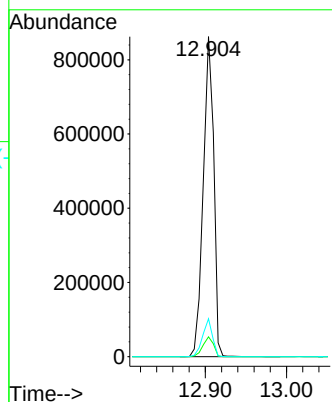
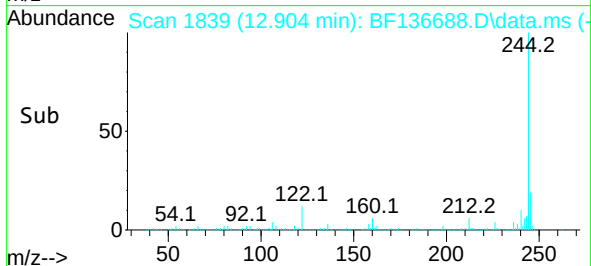


Tgt Ion:244 Resp: 77350
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 11.9 9.0 13.4

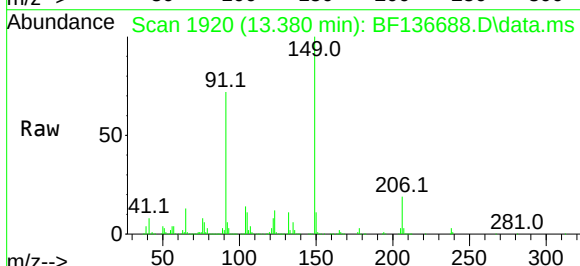
Manual Integrations

APPROVED

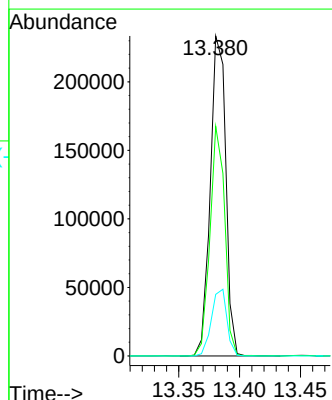
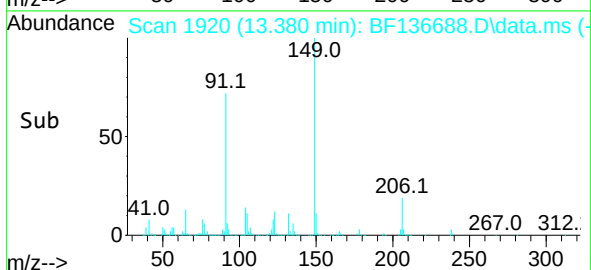
Reviewed By :Yogesh Patel 12/25/2023
 Supervised By :mohammad ahmed 12/25/2023

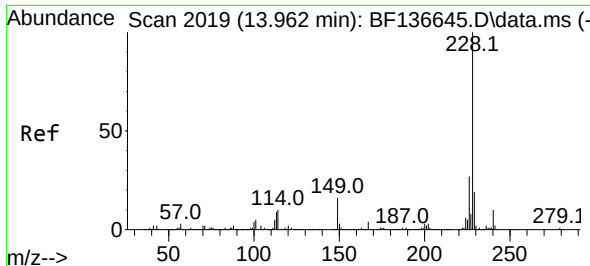


#80
 Butylbenzylphthalate
 Concen: 43.730 ng
 RT: 13.380 min Scan# 1920
 Delta R.T. -0.012 min
 Lab File: BF136688.D
 Acq: 22 Dec 2023 16:28



Tgt Ion:149 Resp: 207475
 Ion Ratio Lower Upper
 149 100
 91 71.7 54.1 81.1
 206 19.2 17.1 25.7





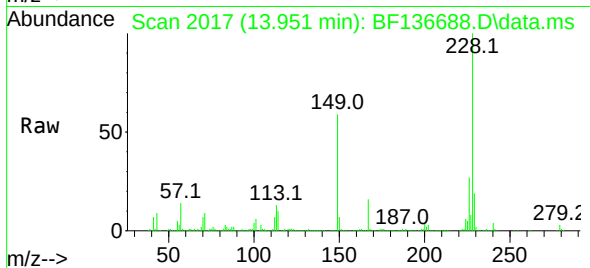
#81
Benzo(a)anthracene
Concen: 40.652 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

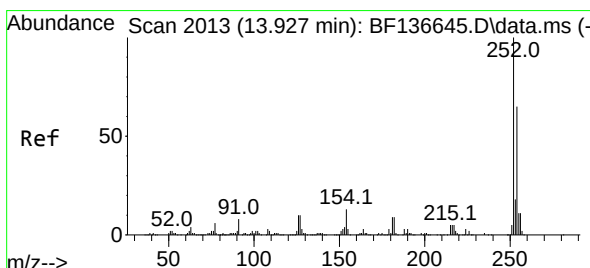
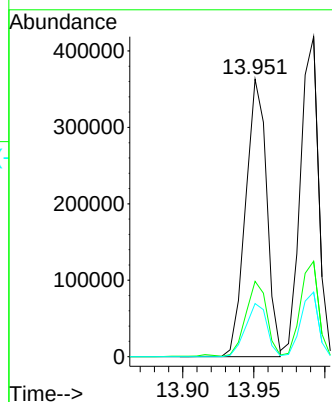
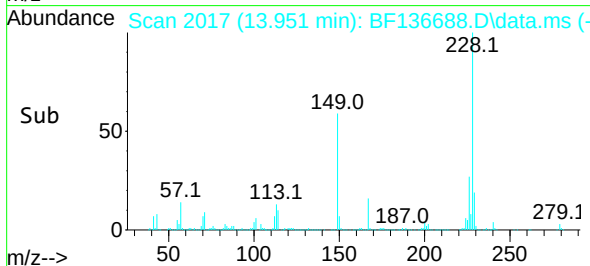


Tgt Ion:228 Resp: 374938
Ion Ratio Lower Upper
228 100
226 27.2 21.4 32.0
229 19.2 14.9 22.3

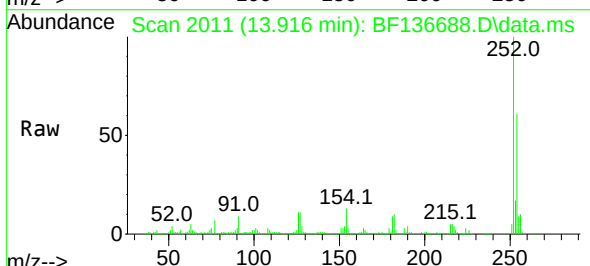
Manual Integrations

APPROVED

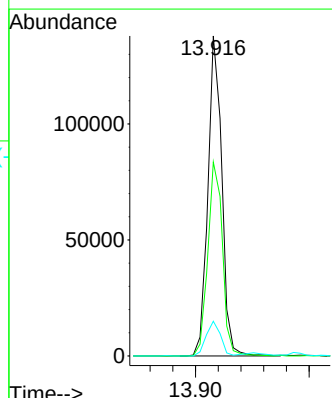
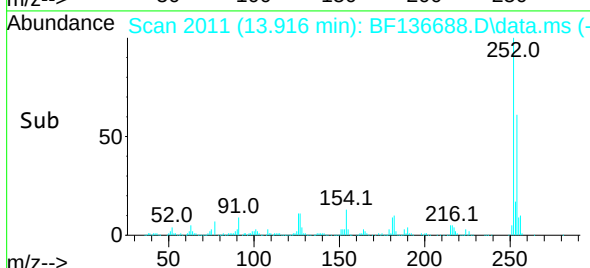
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023

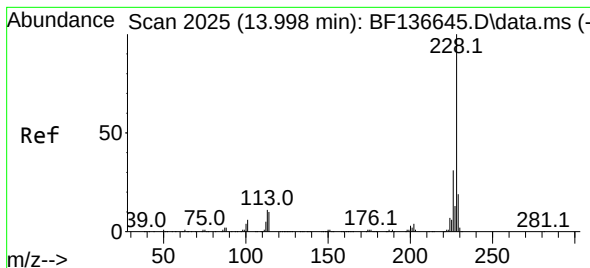


#82
3,3'-Dichlorobenzidine
Concen: 44.684 ng
RT: 13.916 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28



Tgt Ion:252 Resp: 117040
Ion Ratio Lower Upper
252 100
254 60.6 52.2 78.4
126 10.9 8.0 12.0





#83

Chrysene

Concen: 41.349 ng

RT: 13.992 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136688.D

Acq: 22 Dec 2023 16:28

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 372929

Ion Ratio Lower Upper

228 100

226 29.9 24.7 37.1

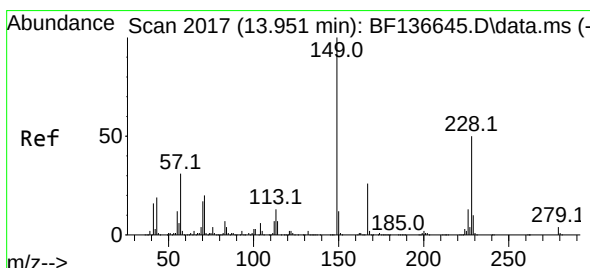
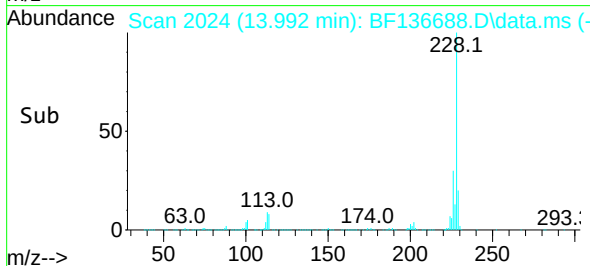
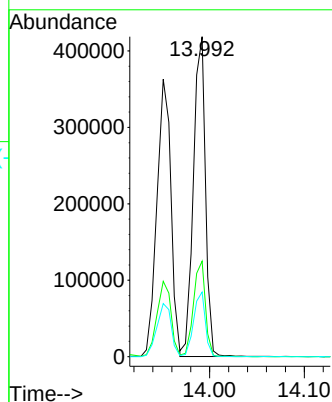
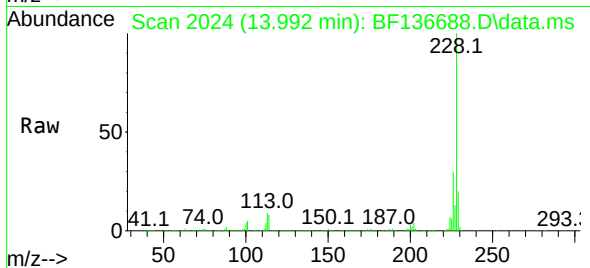
229 20.2 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023

Supervised By :mohammad ahmed 12/25/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.723 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136688.D

Acq: 22 Dec 2023 16:28

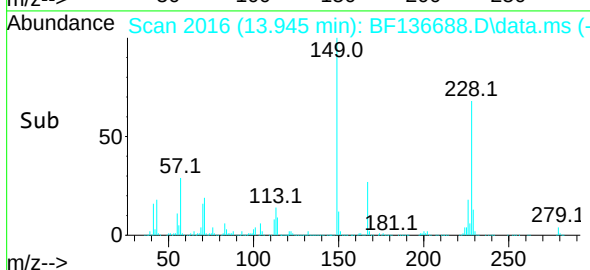
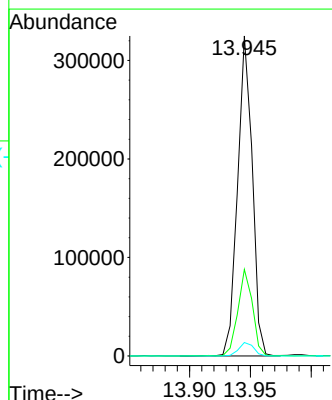
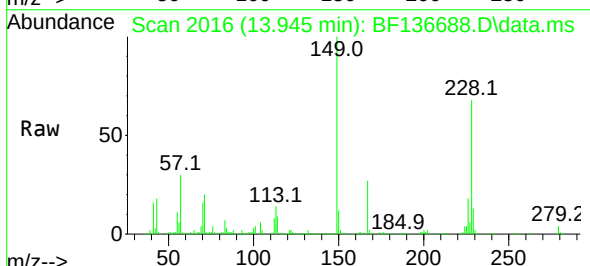
Tgt Ion:149 Resp: 272935

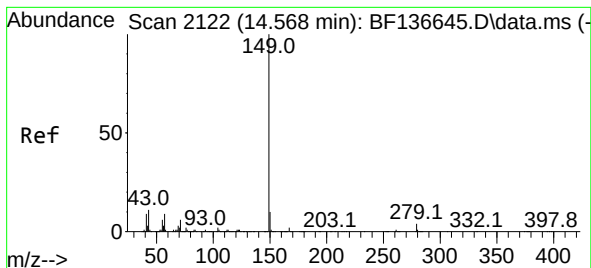
Ion Ratio Lower Upper

149 100

167 27.1 20.9 31.3

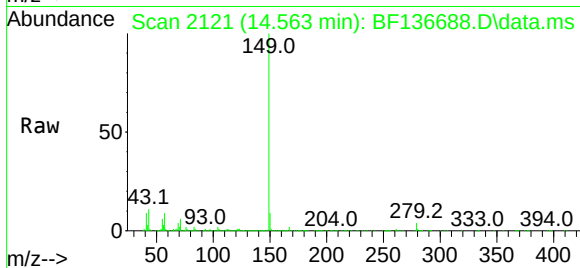
279 4.2 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 49.948 ng
RT: 14.563 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

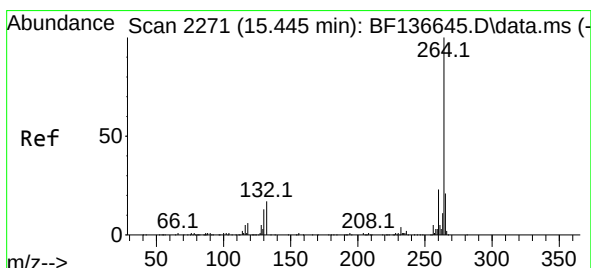
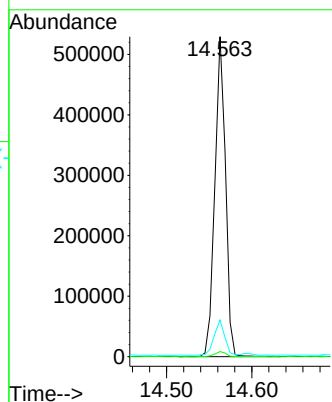
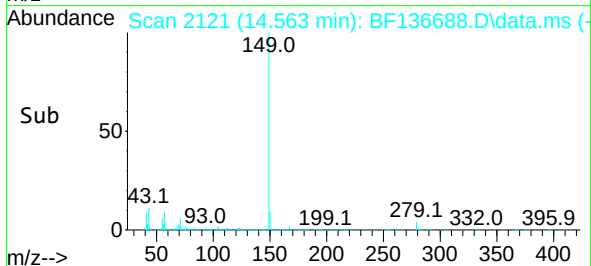
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 461209
Ion Ratio Lower Upper
149 100
167 1.8 1.2 1.8
43 11.1 8.9 13.3

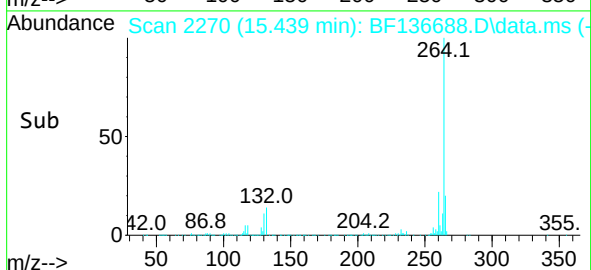
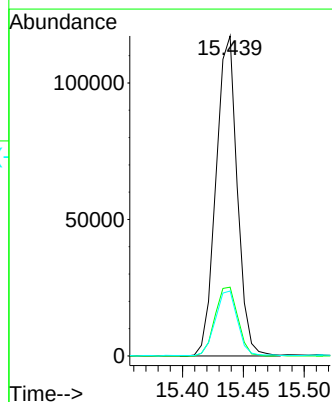
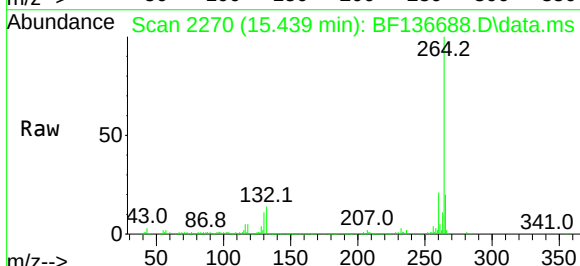
Manual Integrations
APPROVED

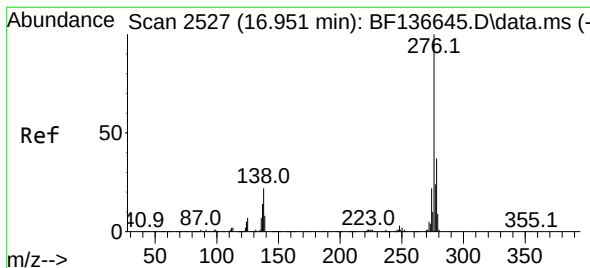
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2270
Delta R.T. -0.006 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

Tgt Ion:264 Resp: 142462
Ion Ratio Lower Upper
264 100
260 21.5 18.3 27.5
265 20.3 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.542 ng
RT: 16.939 min Scan# 2197
Delta R.T. -0.012 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

Instrument :

BNA_F

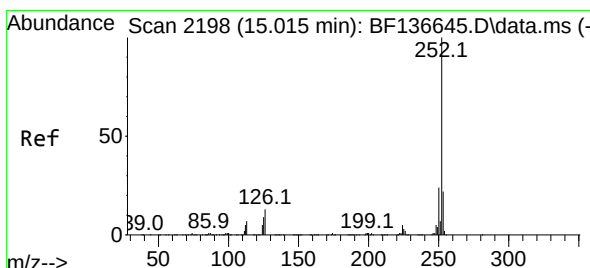
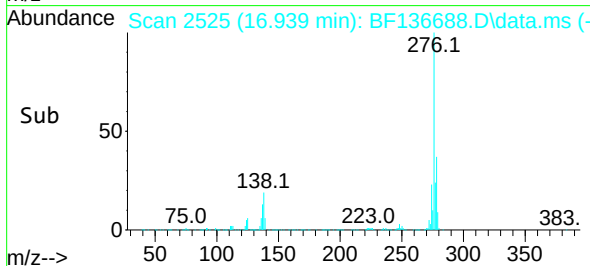
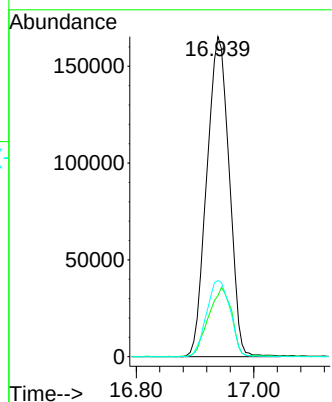
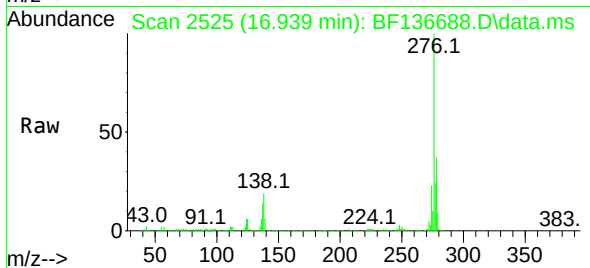
ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 43758
Ion Ratio Lower Upper
276 100
138 22.3 18.7 28.1
277 25.2 20.2 30.2

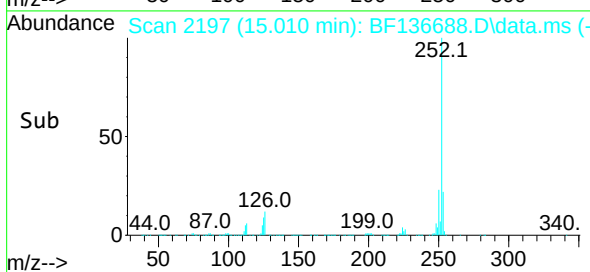
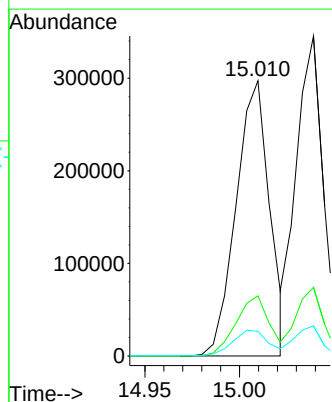
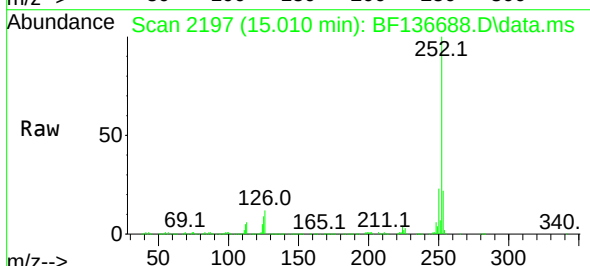
Manual Integrations
APPROVED

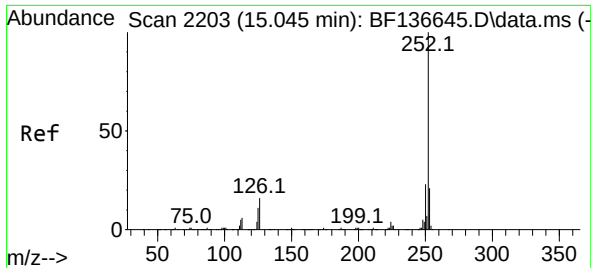
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#88
Benzo(b)fluoranthene
Concen: 38.432 ng
RT: 15.010 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

Tgt Ion:252 Resp: 365684
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 9.0 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 38.022 ng
RT: 15.039 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

Instrument :

BNA_F

ClientSampleId :

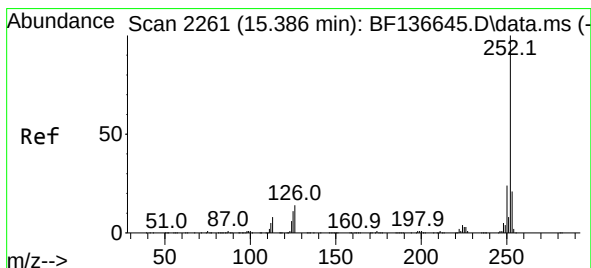
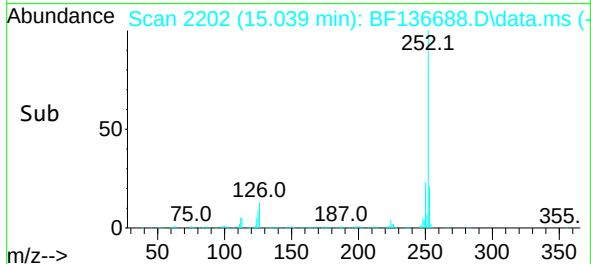
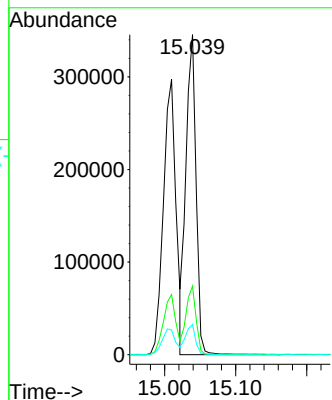
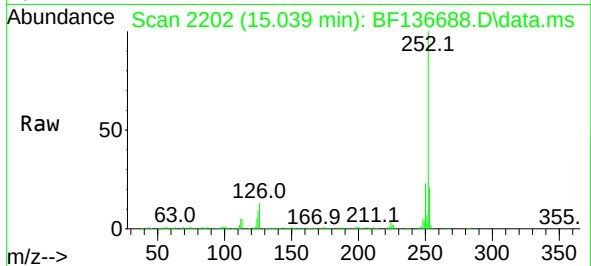
SSTDCCC040

Tgt Ion:252 Resp: 341854
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 9.4 8.2 12.4

Manual Integrations

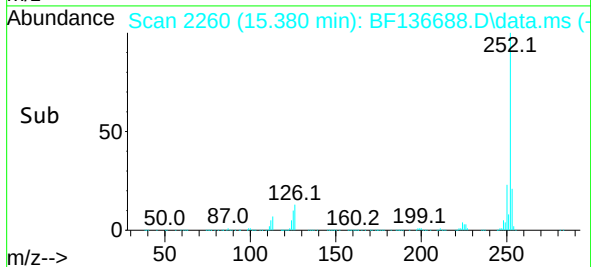
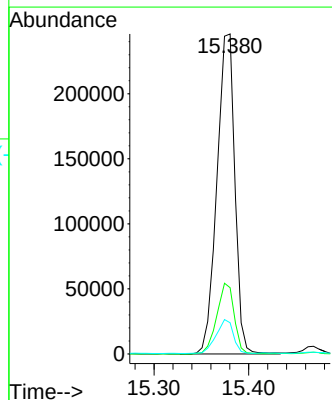
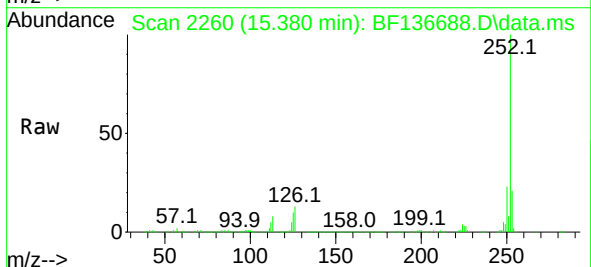
APPROVED

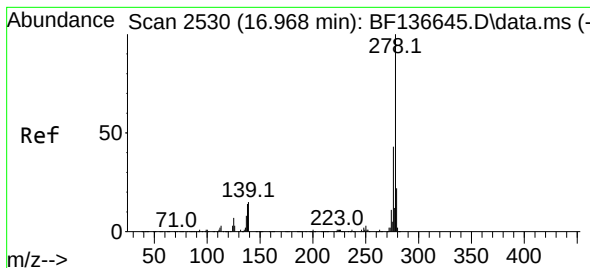
Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#90
Benzo(a)pyrene
Concen: 40.395 ng
RT: 15.380 min Scan# 2260
Delta R.T. -0.006 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

Tgt Ion:252 Resp: 324447
Ion Ratio Lower Upper
252 100
253 20.7 17.0 25.6
125 9.7 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 42.987 ng
RT: 16.957 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

Instrument :

BNA_F

ClientSampleId :

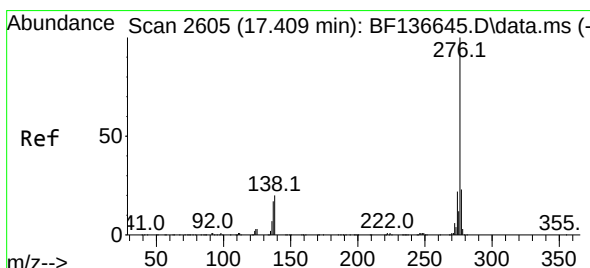
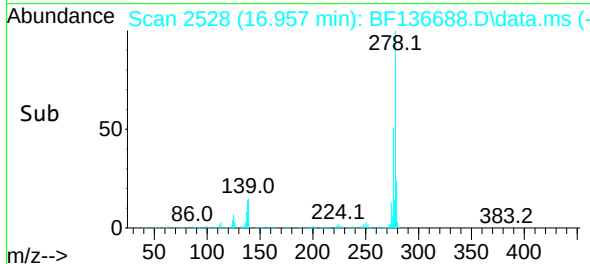
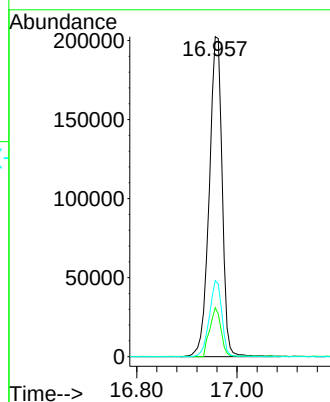
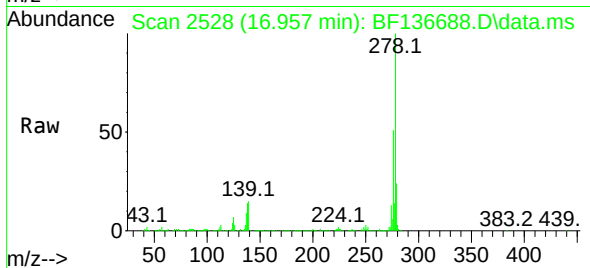
SSTDCCC040

Tgt Ion:278 Resp: 362740
Ion Ratio Lower Upper
278 100
139 15.3 12.2 18.4
279 23.8 17.8 26.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/25/2023
Supervised By :mohammad ahmed 12/25/2023



#92
Benzo(g,h,i)perylene
Concen: 42.482 ng
RT: 17.398 min Scan# 2603
Delta R.T. -0.012 min
Lab File: BF136688.D
Acq: 22 Dec 2023 16:28

Tgt Ion:276 Resp: 367172
Ion Ratio Lower Upper
276 100
277 23.3 18.3 27.5
138 19.2 15.6 23.4

