

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122123\
 Data File : BF136660.D
 Acq On : 21 Dec 2023 09:22
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023

Quant Time: Dec 21 10:48:21 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	6.792	152	70723	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	274399	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	145206	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	279756	20.000	ng	0.00
76) Chrysene-d12	13.968	240	157374	20.000	ng	0.00
86) Perylene-d12	15.439	264	136757	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	364983	80.522	ng	0.00
7) Phenol-d6	6.440	99	465997	79.342	ng	0.00
23) Nitrobenzene-d5	7.357	82	436575	81.414	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	135637	79.314	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	869976	80.582	ng	0.00
79) Terphenyl-d14	12.910	244	910045	80.811	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.540	88	75411	39.930	ng	98
3) Pyridine	3.304	79	189419	41.107	ng	96
4) n-Nitrosodimethylamine	3.275	42	96737	39.312	ng	96
6) Aniline	6.463	93	236607	40.293	ng	97
8) 2-Chlorophenol	6.581	128	198748	40.068	ng	97
9) Benzaldehyde	6.351	77	133303	39.902	ng	99
10) Phenol	6.451	94	249806	39.843	ng	97
11) bis(2-Chloroethyl)ether	6.534	93	190184	39.887	ng	99
12) 1,3-Dichlorobenzene	6.734	146	216876	40.080	ng	98
13) 1,4-Dichlorobenzene	6.810	146	216908	39.231	ng	96
14) 1,2-Dichlorobenzene	6.963	146	207219	40.277	ng	98
15) Benzyl Alcohol	6.940	79	155217	39.173	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	312698	40.113	ng	96
17) 2-Methylphenol	7.051	107	163927	39.892	ng	99
18) Hexachloroethane	7.298	117	79655	39.670	ng	97
19) n-Nitroso-di-n-propyla...	7.210	70	139135	39.079	ng	97
20) 3+4-Methylphenols	7.204	107	199609	38.882	ng	94
22) Acetophenone	7.204	105	278887	40.549	ng	97
24) Nitrobenzene	7.375	77	220115	40.977	ng	100
25) Isophorone	7.610	82	395734	40.557	ng	99
26) 2-Nitrophenol	7.687	139	106135	41.297	ng	90
27) 2,4-Dimethylphenol	7.728	122	128819	41.171	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	241931	40.791	ng	99
29) 2,4-Dichlorophenol	7.934	162	164583	40.858	ng	96
30) 1,2,4-Trichlorobenzene	8.010	180	184378	41.081	ng	98
31) Naphthalene	8.092	128	609702	40.445	ng	100
32) Benzoic acid	7.857	122	118592m	39.173	ng	
33) 4-Chloroaniline	8.145	127	224768	40.383	ng	96
34) Hexachlorobutadiene	8.204	225	112353	41.203	ng	98
35) Caprolactam	8.522	113	54873m	41.293	ng	
36) 4-Chloro-3-methylphenol	8.628	107	185007	40.797	ng	96
37) 2-Methylnaphthalene	8.781	142	395787	40.796	ng	97
38) 1-Methylnaphthalene	8.881	142	385557	40.508	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	183009	40.696	ng	98
41) Hexachlorocyclopentadiene	8.934	237	51702	38.749	ng	97
43) 2,4,6-Trichlorophenol	9.063	196	117521	40.750	ng	98

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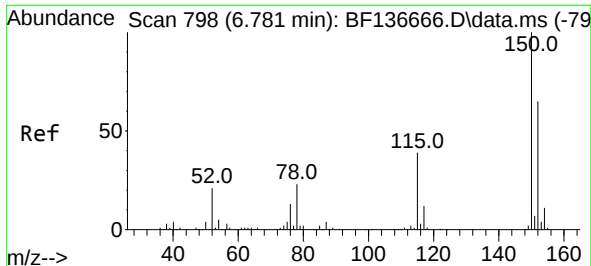
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	134444	41.833	ng	93
46) 1,1'-Biphenyl	9.251	154	499425	40.987	ng	98
47) 2-Chloronaphthalene	9.275	162	376552	40.650	ng	98
48) 2-Nitroaniline	9.375	65	119222	41.100	ng	93
49) Acenaphthylene	9.686	152	579038	40.896	ng	100
50) Dimethylphthalate	9.551	163	426268	40.190	ng	99
51) 2,6-Dinitrotoluene	9.616	165	98585	40.956	ng	86
52) Acenaphthene	9.863	154	352371	40.148	ng	99
53) 3-Nitroaniline	9.786	138	104502	40.983	ng	95
54) 2,4-Dinitrophenol	9.892	184	44892	35.815	ng #	87
55) Dibenzofuran	10.033	168	536754	40.344	ng	97
56) 4-Nitrophenol	9.951	139	69183	40.192	ng	95
57) 2,4-Dinitrotoluene	10.022	165	129495	41.440	ng #	98
58) Fluorene	10.375	166	421538	39.932	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	100013	40.427	ng	100
60) Diethylphthalate	10.251	149	442881	40.245	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	201396	39.250	ng	99
62) 4-Nitroaniline	10.404	138	96822m	39.389	ng	
63) Azobenzene	10.528	77	415884	40.462	ng	97
65) 4,6-Dinitro-2-methylph...	10.433	198	67855	42.323	ng	87
66) n-Nitrosodiphenylamine	10.492	169	362432	39.881	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	126226	40.628	ng	94
68) Hexachlorobenzene	10.922	284	141691	40.923	ng	95
69) Atrazine	11.016	200	77516	33.349	ng	98
70) Pentachlorophenol	11.122	266	66991	41.510	ng	97
71) Phenanthrene	11.339	178	582151	40.555	ng	99
72) Anthracene	11.392	178	588095	40.454	ng	99
73) Carbazole	11.551	167	559949	40.854	ng	99
74) Di-n-butylphthalate	11.886	149	697047	41.678	ng	99
75) Fluoranthene	12.533	202	625526	40.739	ng	98
77) Benzidine	12.657	184	194623	41.942	ng	98
78) Pyrene	12.763	202	634755	41.087	ng	100
80) Butylbenzylphthalate	13.386	149	242019	43.053	ng	94
81) Benzo(a)anthracene	13.957	228	447271	40.929	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	124844	40.228	ng #	98
83) Chrysene	13.998	228	439802	41.156	ng	98
84) Bis(2-ethylhexyl)phtha...	13.951	149	302424	42.759	ng	99
85) Di-n-octyl phthalate	14.568	149	457174	41.787	ng	100
87) Indeno(1,2,3-cd)pyrene	16.939	276	385792	39.071	ng	100
88) Benzo(b)fluoranthene	15.010	252	384129	42.054	ng	98
89) Benzo(k)fluoranthene	15.039	252	331729	38.435	ng	99
90) Benzo(a)pyrene	15.380	252	308941	40.069	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	320061	39.510	ng	98
92) Benzo(g,h,i)perylene	17.398	276	321908	38.799	ng	98

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



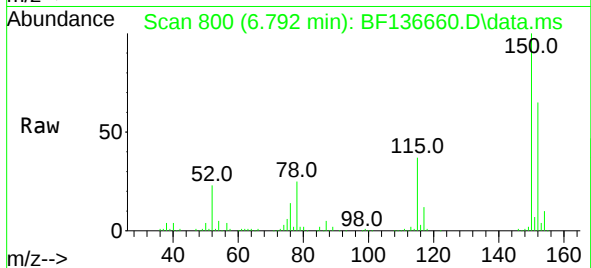
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

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SSTDCCC040

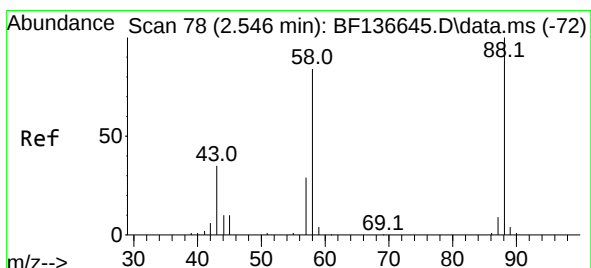
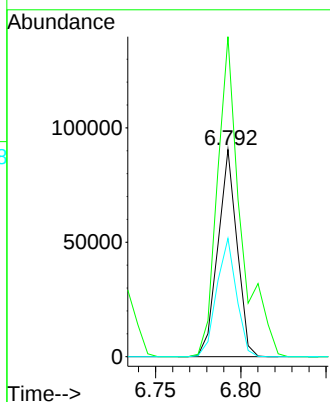
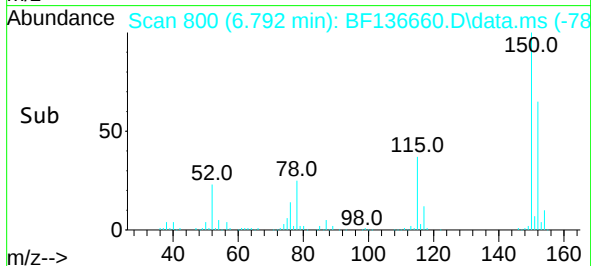


Tgt Ion:152 Resp: 7072
Ion Ratio Lower Upper
152 100
150 154.4 127.0 190.6
115 57.1 49.0 73.4

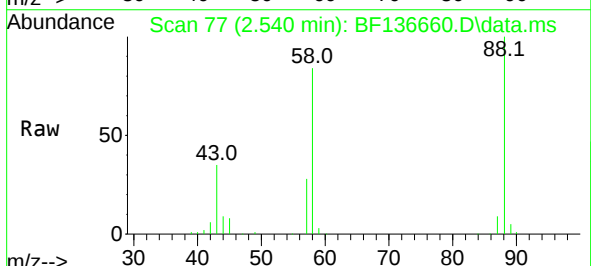
Manual Integrations

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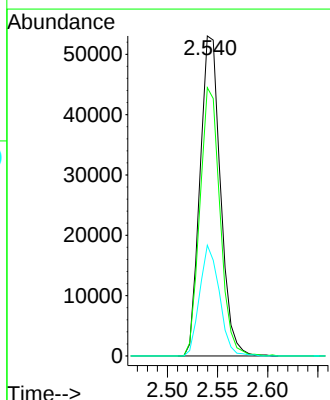
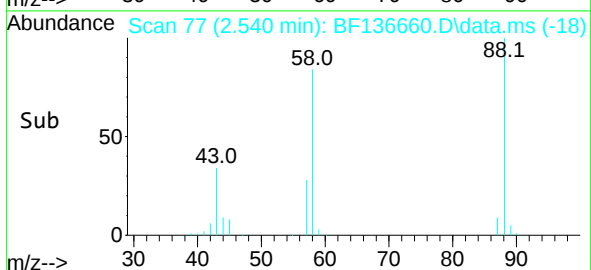
Reviewed By :Yogesh Patel 12/22/2023
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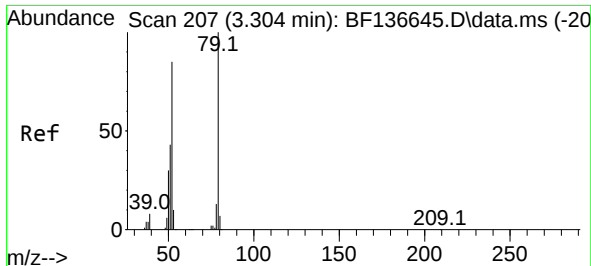


#2
1,4-Dioxane
Concen: 39.930 ng
RT: 2.540 min Scan# 77
Delta R.T. -0.006 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22



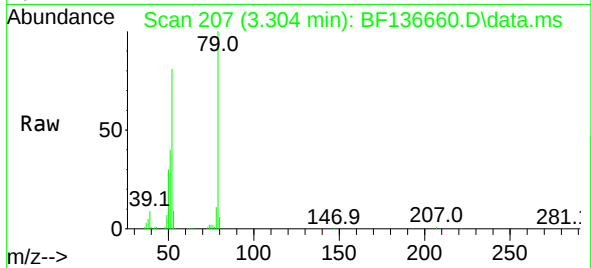
Tgt Ion: 88 Resp: 75411
Ion Ratio Lower Upper
88 100
58 82.5 67.4 101.0
43 33.4 27.7 41.5





#3
Pyridine
Concen: 41.107 ng
RT: 3.304 min Scan# 207
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

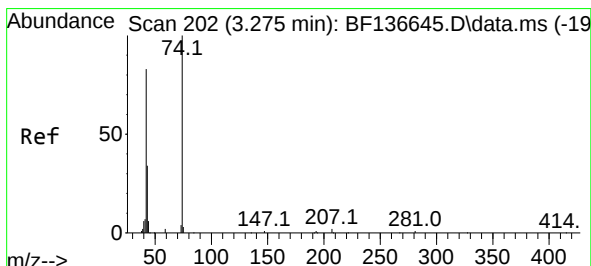
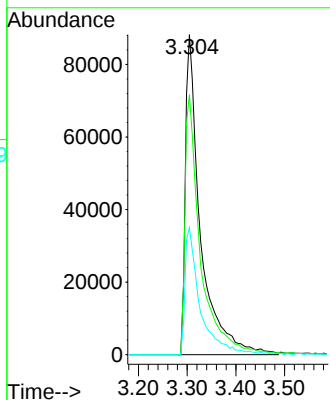
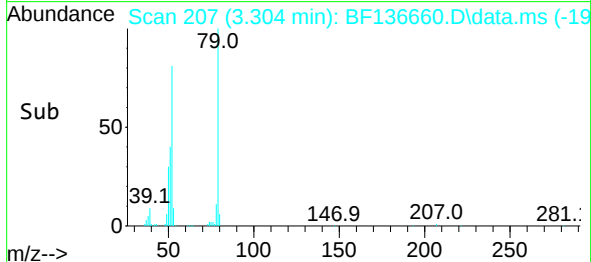
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



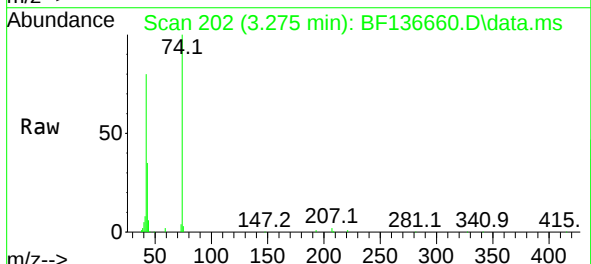
Tgt Ion: 79 Resp: 189419
Ion Ratio Lower Upper
79 100
52 81.3 67.7 101.5
51 39.8 34.0 51.0

Manual Integrations
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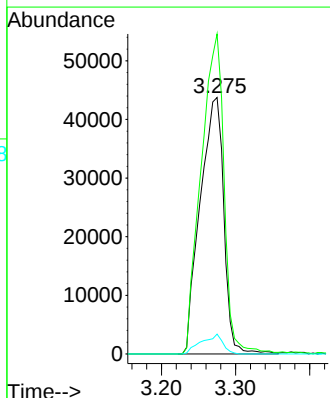
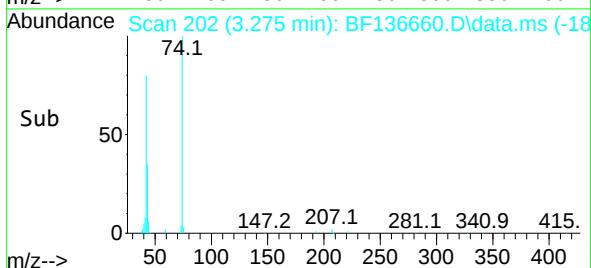
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Supervised By :mohammad ahmed 12/22/2023

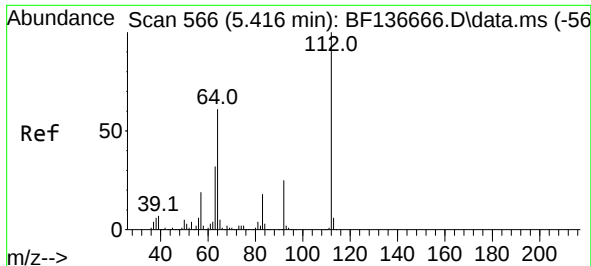


#4
n-Nitrosodimethylamine
Concen: 39.312 ng
RT: 3.275 min Scan# 202
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22



Tgt Ion: 42 Resp: 96737
Ion Ratio Lower Upper
42 100
74 124.7 96.0 144.0
44 7.7 5.4 8.2





#5
2-Fluorophenol
Concen: 80.522 ng
RT: 5.428 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

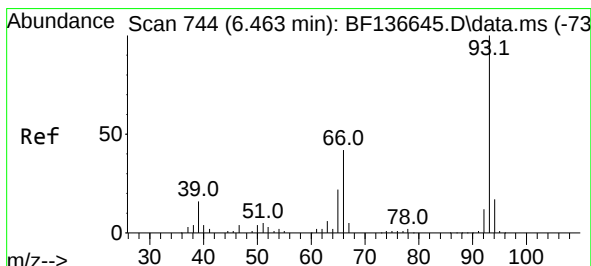
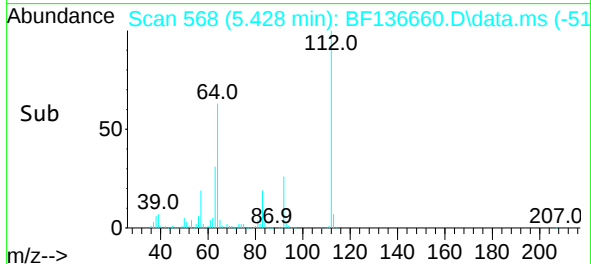
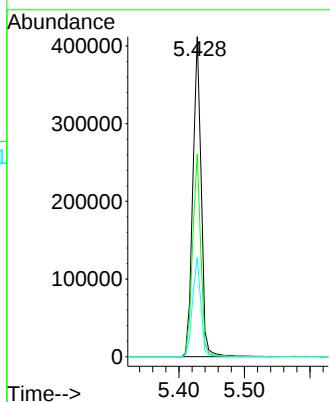
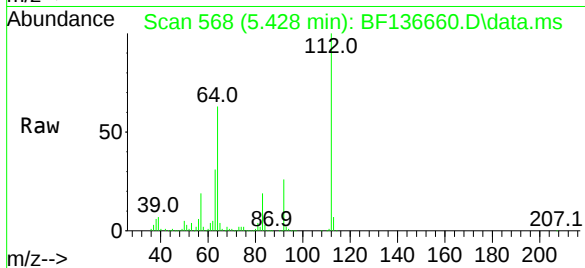
SSTDCCC040

Tgt Ion:112 Resp: 36498
Ion Ratio Lower Upper
112 100
64 63.4 51.1 76.7
63 31.0 26.1 39.1

Manual Integrations

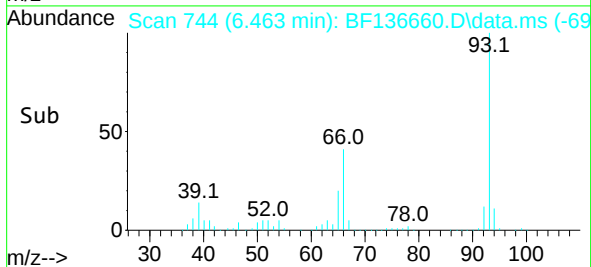
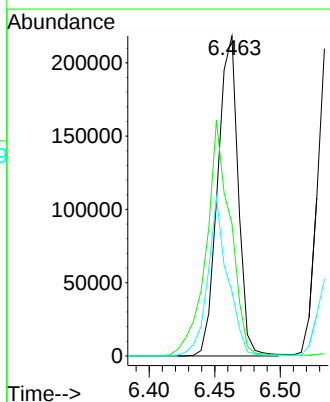
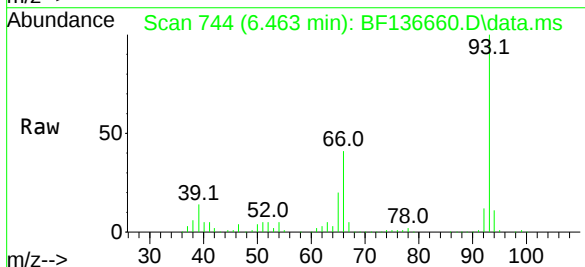
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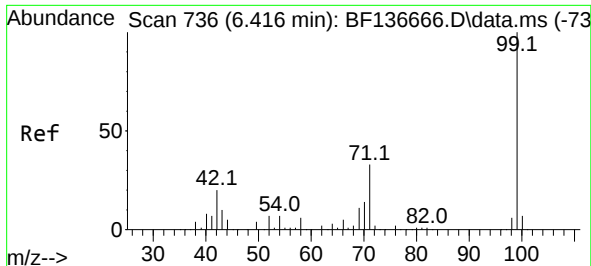
Reviewed By :Yogesh Patel 12/22/2023
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#6
Aniline
Concen: 40.293 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

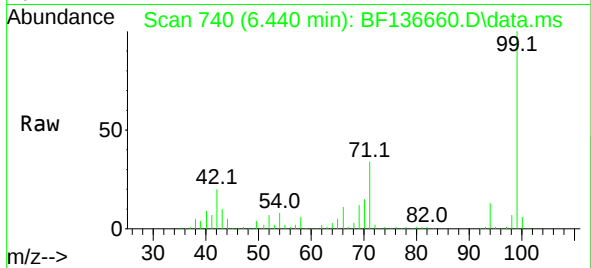
Tgt Ion: 93 Resp: 236607
Ion Ratio Lower Upper
93 100
66 41.3 34.6 51.8
65 20.1 17.8 26.8





#7
Phenol-d6
Concen: 79.342 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

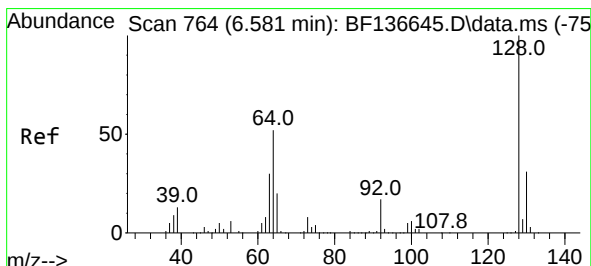
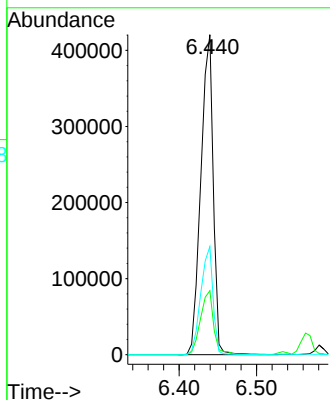
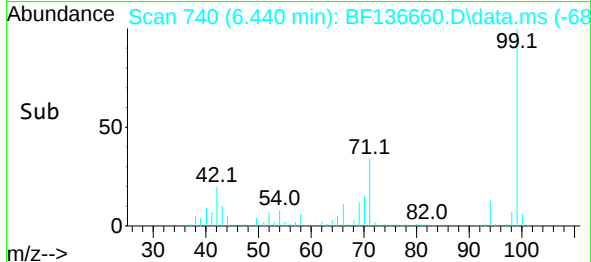
Instrument :
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Tgt Ion: 99 Resp: 46599
Ion Ratio Lower Upper
99 100
42 20.0 16.1 24.1
71 33.8 27.4 41.2

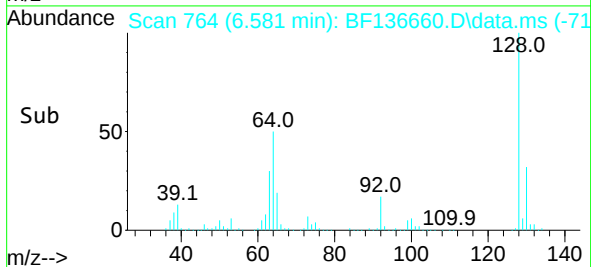
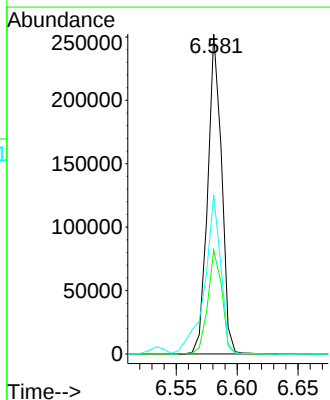
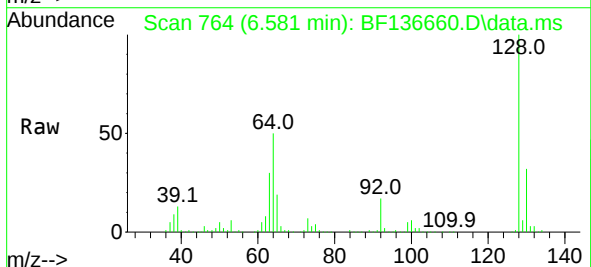
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#8
2-Chlorophenol
Concen: 40.068 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

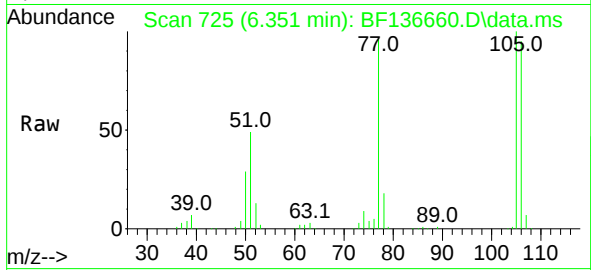
Tgt Ion:128 Resp: 198748
Ion Ratio Lower Upper
128 100
130 32.4 11.3 51.3
64 49.7 32.5 72.5





#9
Benzaldehyde
Concen: 39.902 ng
RT: 6.351 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

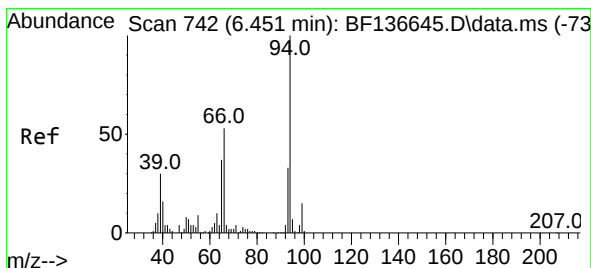
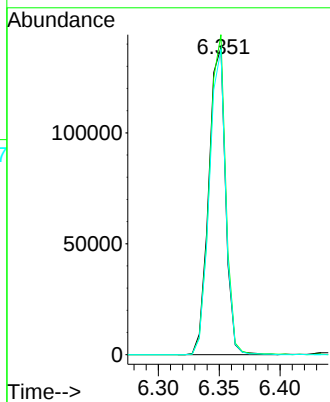
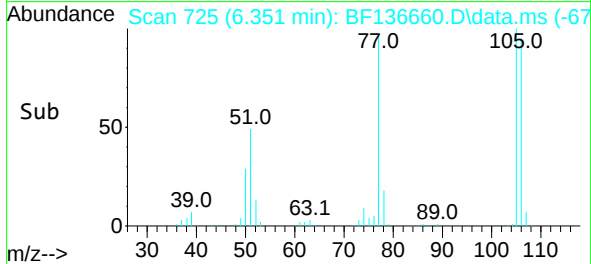
Instrument :
BNA_F
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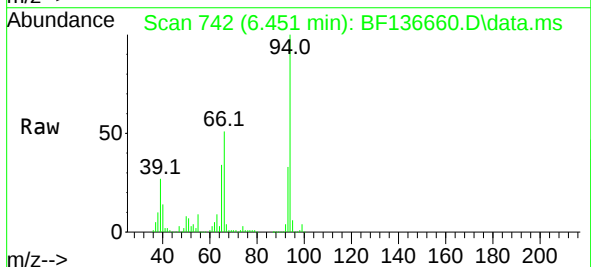
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Ion Ratio Lower Upper
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105 104.2 84.8 124.8
106 99.4 77.8 117.8

Manual Integrations
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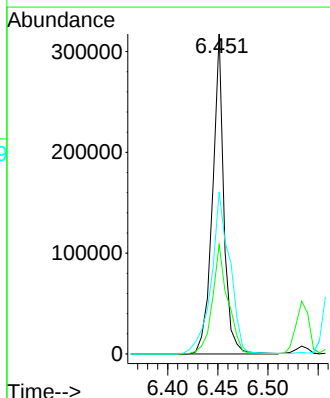
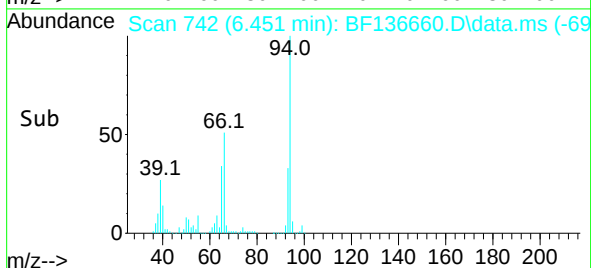
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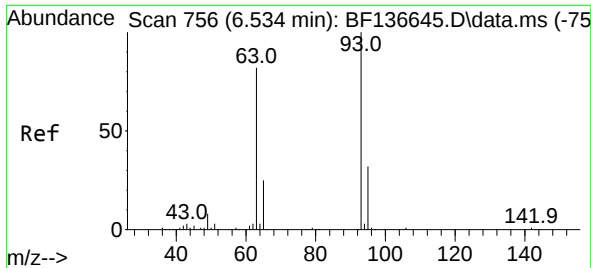


#10
Phenol
Concen: 39.843 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22



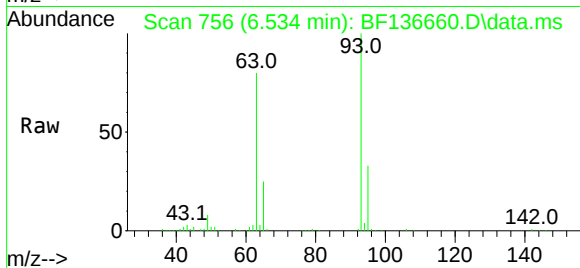
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Ion Ratio Lower Upper
94 100
65 34.1 16.6 56.6
66 50.7 32.6 72.6





#11
bis(2-Chloroethyl)ether
Concen: 39.887 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

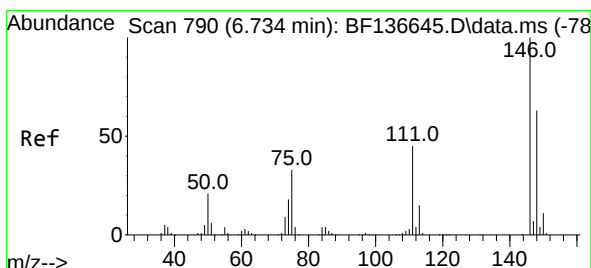
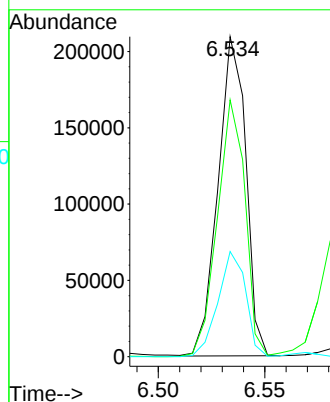
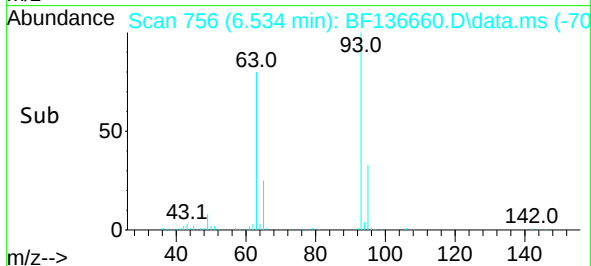
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



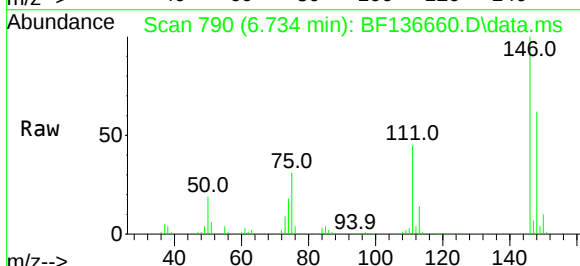
Tgt Ion: 93 Resp: 190184
Ion Ratio Lower Upper
93 100
63 80.3 61.2 101.2
95 32.8 11.6 51.6

Manual Integrations
APPROVED

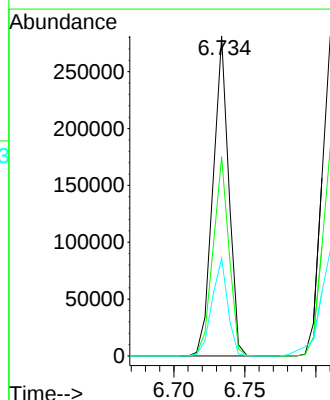
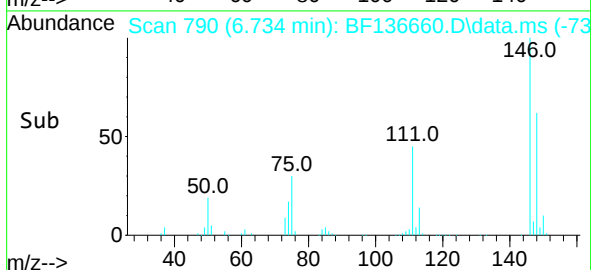
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

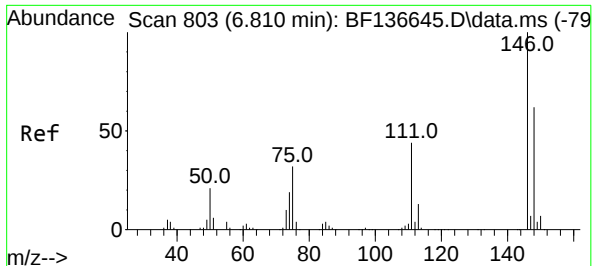


#12
1,3-Dichlorobenzene
Concen: 40.080 ng
RT: 6.734 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22



Tgt Ion:146 Resp: 216876
Ion Ratio Lower Upper
146 100
148 62.3 50.5 75.7
75 30.6 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 39.231 ng

RT: 6.810 min Scan# 803

Delta R.T. 0.000 min

Lab File: BF136660.D

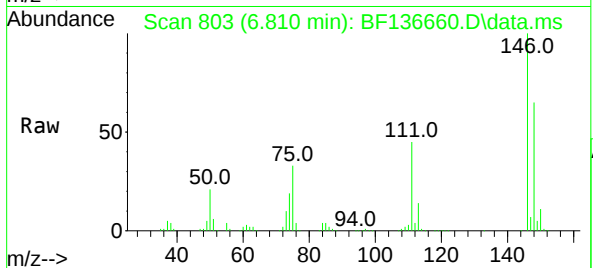
Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:146 Resp: 216908

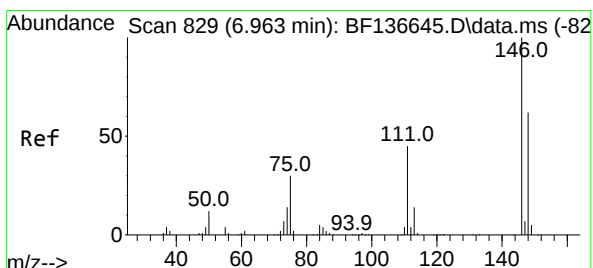
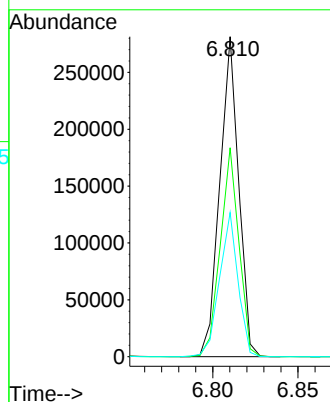
Ion	Ratio	Lower	Upper
146	100		
148	65.3	49.2	73.8
111	45.1	35.2	52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#14

1,2-Dichlorobenzene

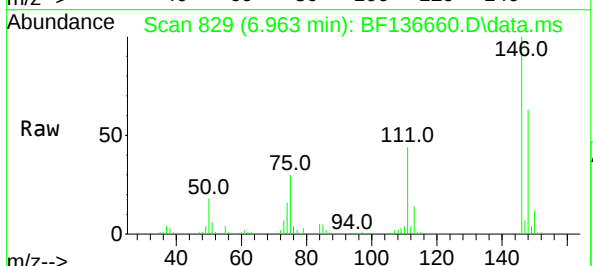
Concen: 40.277 ng

RT: 6.963 min Scan# 829

Delta R.T. 0.000 min

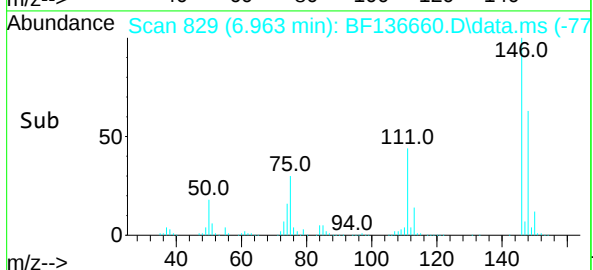
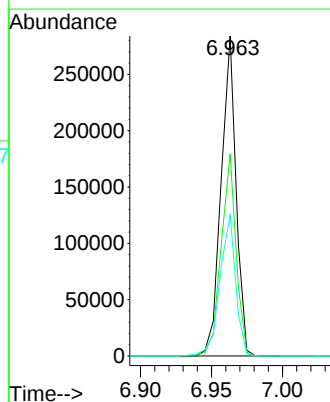
Lab File: BF136660.D

Acq: 21 Dec 2023 09:22



Tgt Ion:146 Resp: 207219

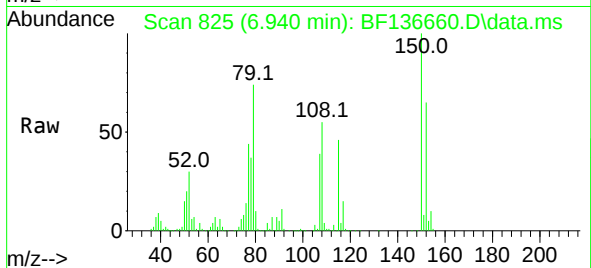
Ion	Ratio	Lower	Upper
146	100		
148	63.2	49.6	74.4
111	44.1	36.2	54.2





#15
Benzyl Alcohol
Concen: 39.173 ng
RT: 6.940 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

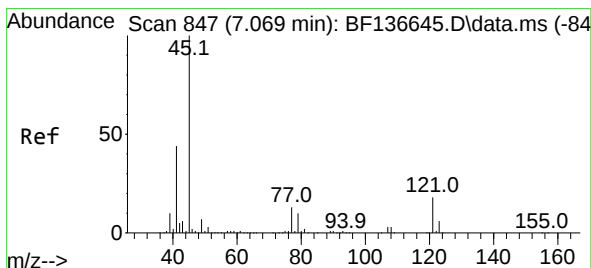
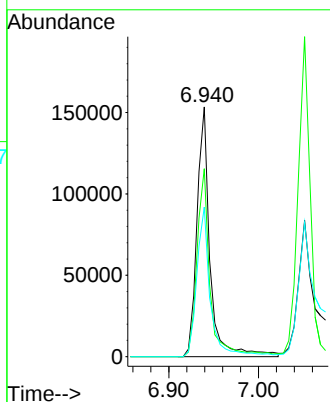
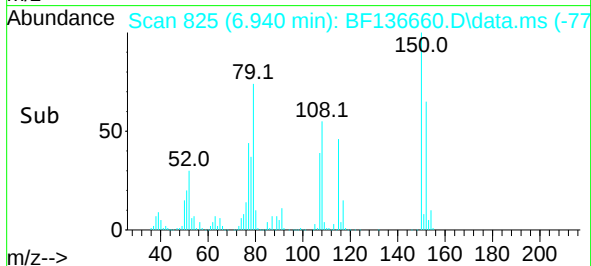
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



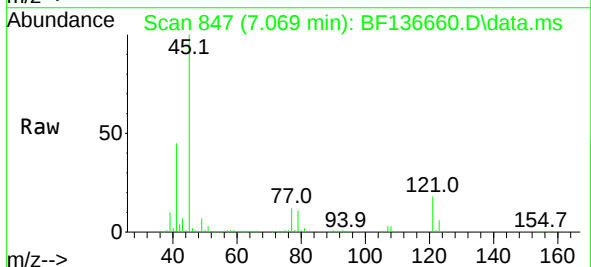
Tgt Ion: 79 Resp: 15521
Ion Ratio Lower Upper
79 100
108 75.3 61.0 91.6
77 59.9 49.8 74.8

Manual Integrations
APPROVED

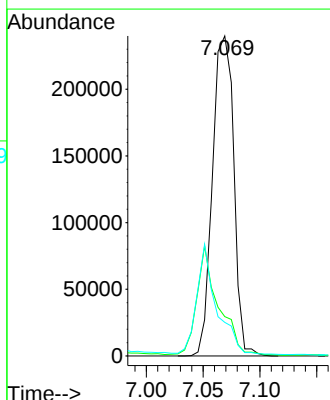
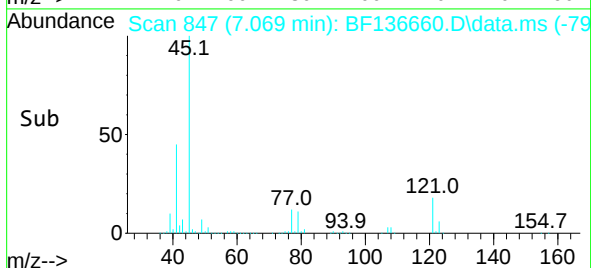
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

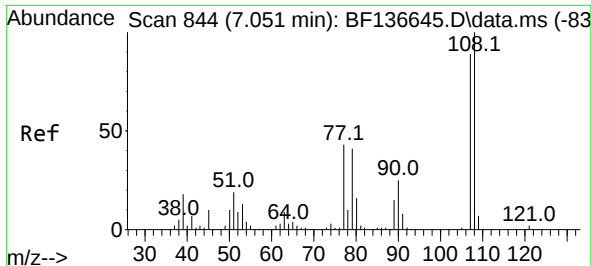


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.113 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22



Tgt Ion: 45 Resp: 312698
Ion Ratio Lower Upper
45 100
77 12.3 0.0 34.3
79 10.5 0.0 31.4





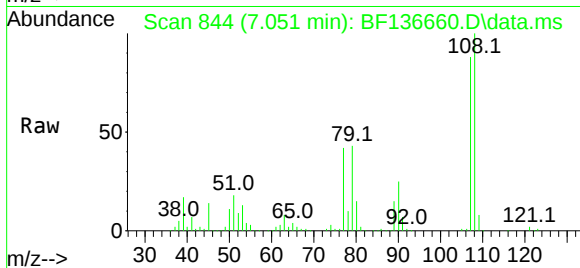
#17
2-Methylphenol
Concen: 39.892 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

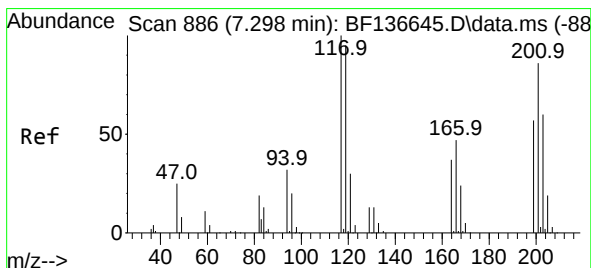
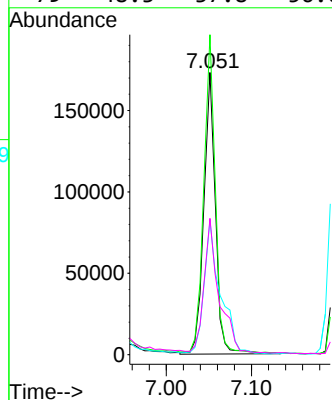


Tgt Ion:107 Resp: 16392
Ion Ratio Lower Upper
107 100
108 113.4 90.3 135.5
77 47.6 38.7 58.1
79 48.3 37.8 56.6

Manual Integrations

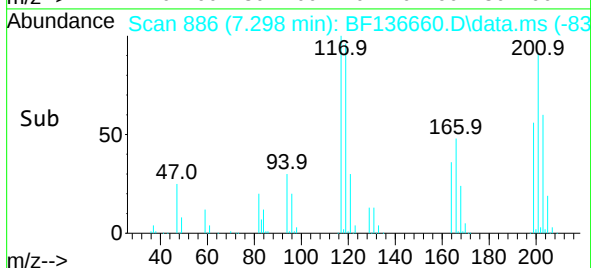
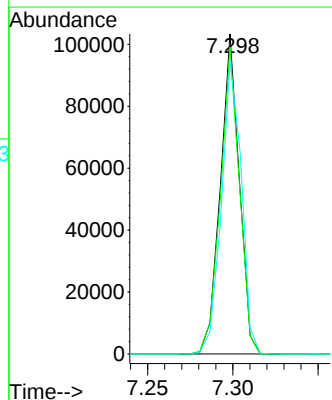
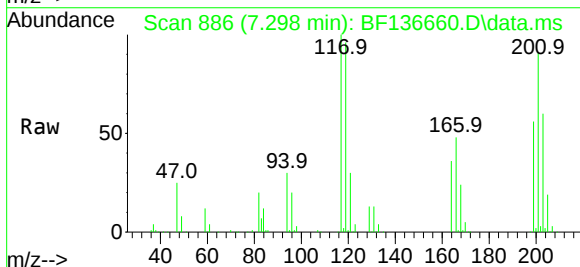
APPROVED

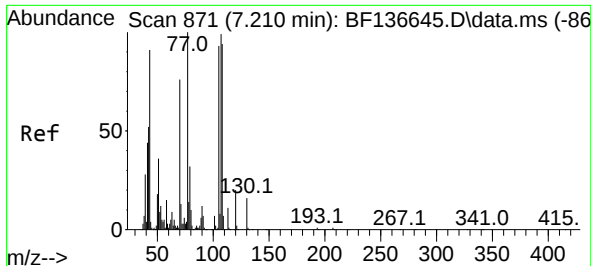
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#18
Hexachloroethane
Concen: 39.670 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Tgt Ion:117 Resp: 79655
Ion Ratio Lower Upper
117 100
119 95.8 75.8 113.6
201 91.3 69.1 103.7





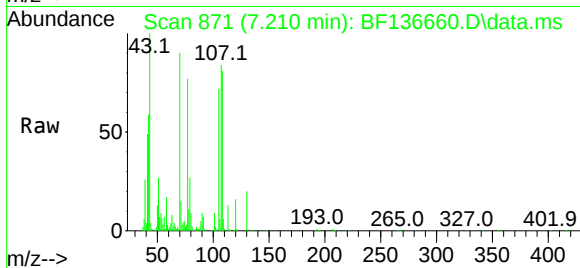
#19
n-Nitroso-di-n-propylamine
Concen: 39.079 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

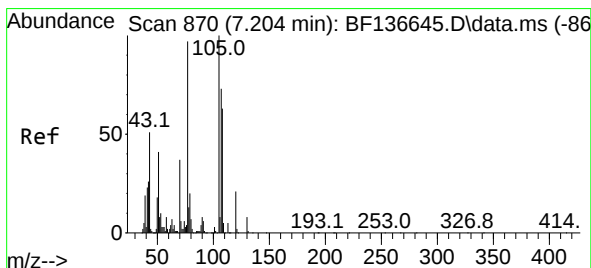
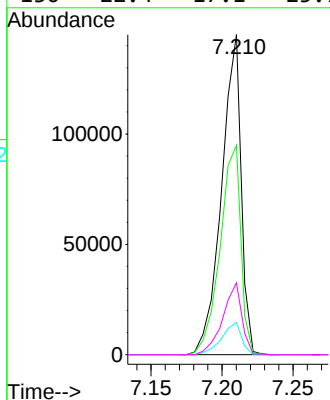
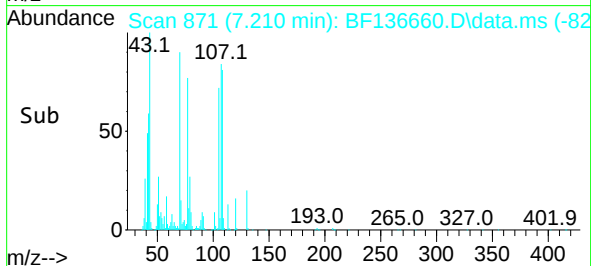


Tgt Ion: 70 Resp: 139135
Ion Ratio Lower Upper
70 100
42 65.5 54.2 81.4
101 10.1 7.6 11.4
130 22.4 17.1 25.7

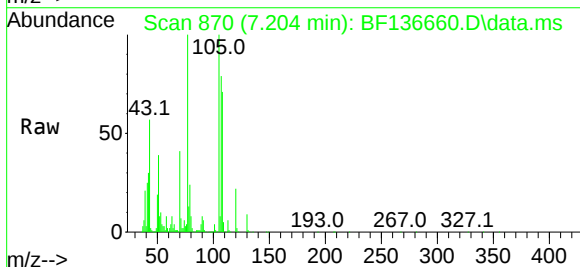
Manual Integrations

APPROVED

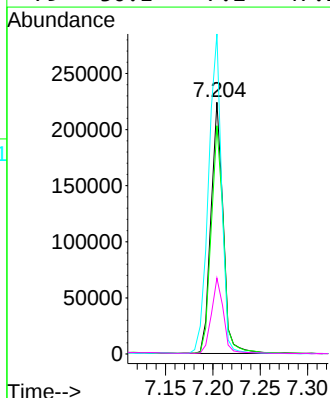
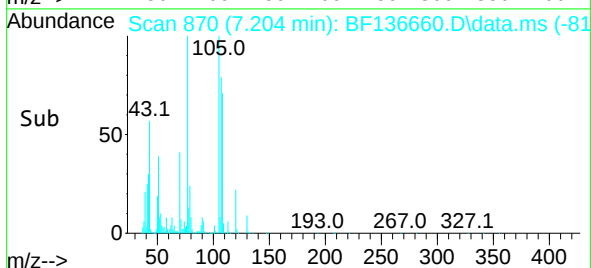
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

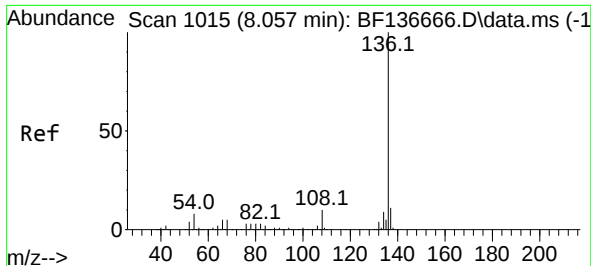


#20
3+4-Methylphenols
Concen: 38.882 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22



Tgt Ion:107 Resp: 199609
Ion Ratio Lower Upper
107 100
108 90.7 66.0 106.0
77 127.1 114.2 154.2
79 30.1 7.2 47.2





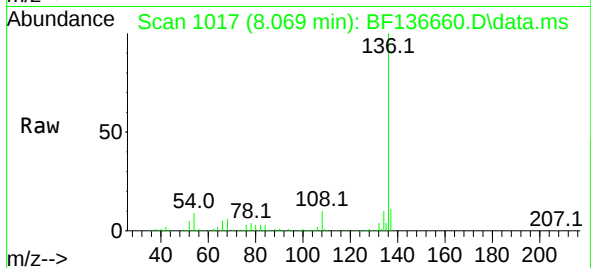
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

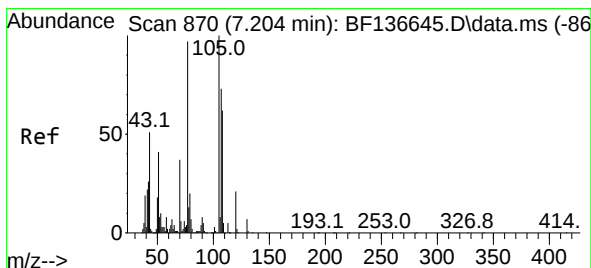
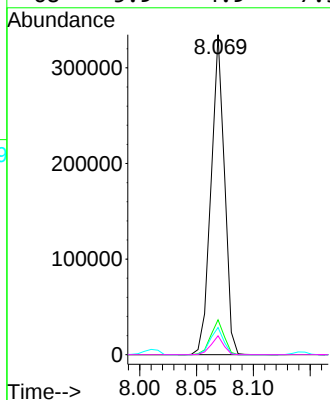
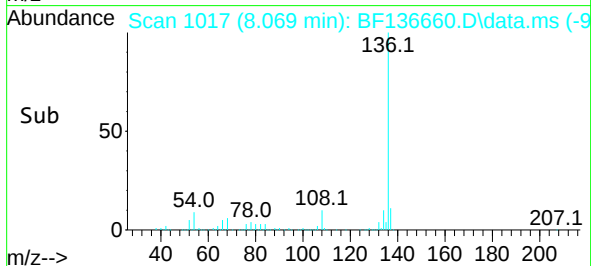


Tgt Ion:136 Resp: 274395
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.5 7.2 10.8
68 5.9 4.9 7.3

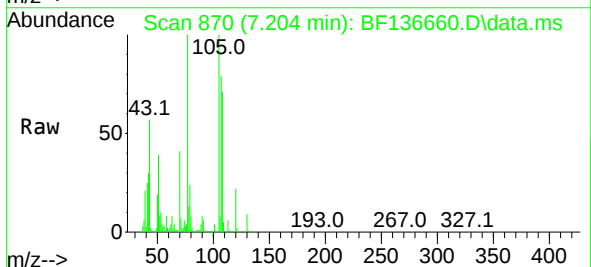
Manual Integrations

APPROVED

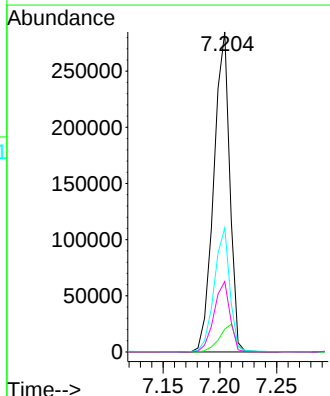
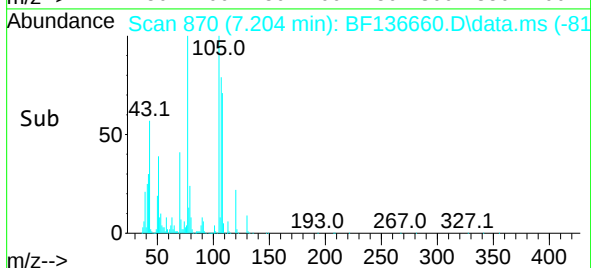
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

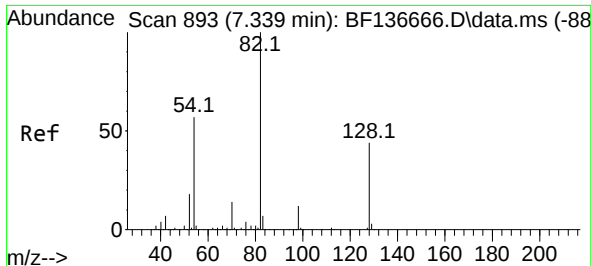


#22
Acetophenone
Concen: 40.549 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22



Tgt Ion:105 Resp: 278887
Ion Ratio Lower Upper
105 100
71 7.2 4.8 7.2
51 38.8 32.8 49.2
120 22.0 17.0 25.6





#23

Nitrobenzene-d5

Concen: 81.414 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 436579

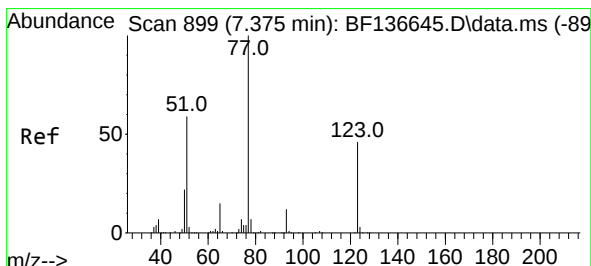
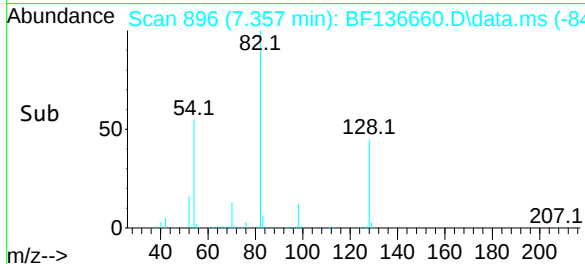
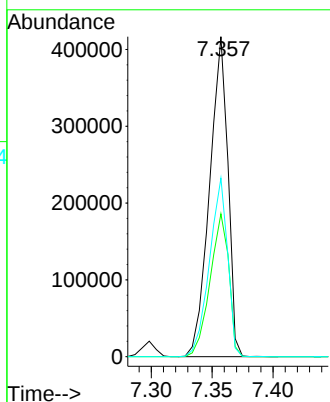
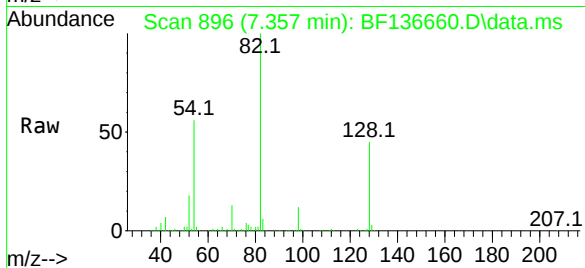
Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.3	52.9
54	55.8	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#24

Nitrobenzene

Concen: 40.977 ng

RT: 7.375 min Scan# 899

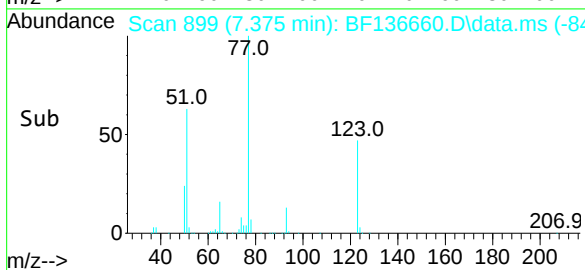
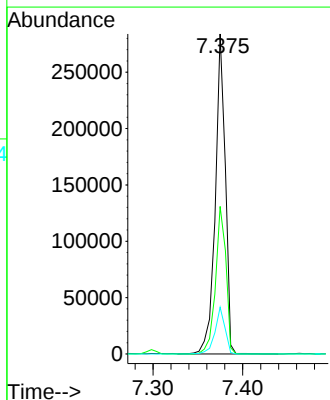
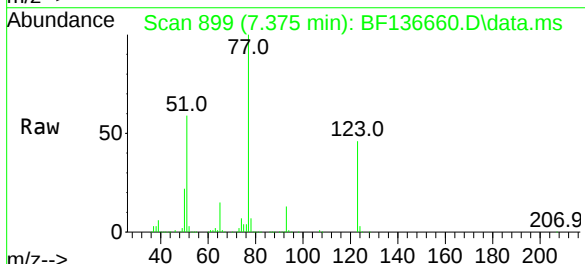
Delta R.T. 0.000 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

Tgt Ion: 77 Resp: 220115

Ion	Ratio	Lower	Upper
77	100		
123	46.1	36.7	55.1
65	14.6	11.8	17.6





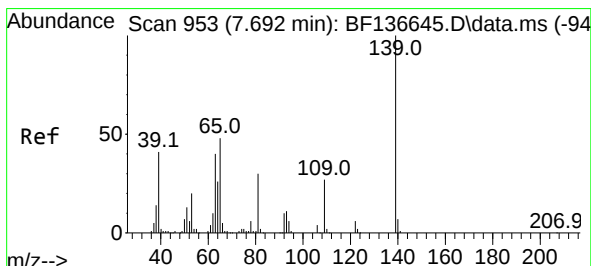
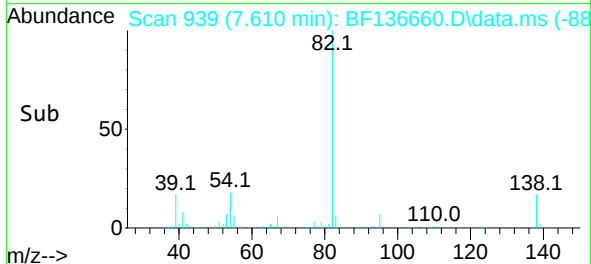
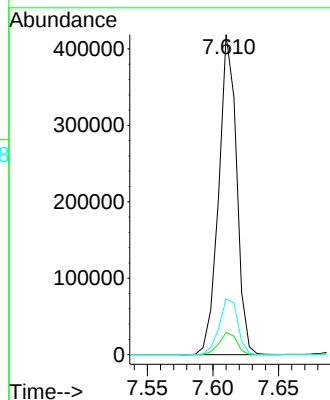
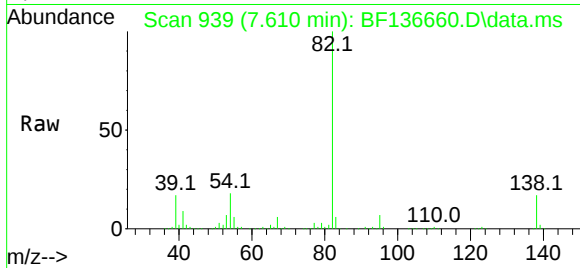
#25
Isophorone
Concen: 40.557 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 395734
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 17.4 14.5 21.7

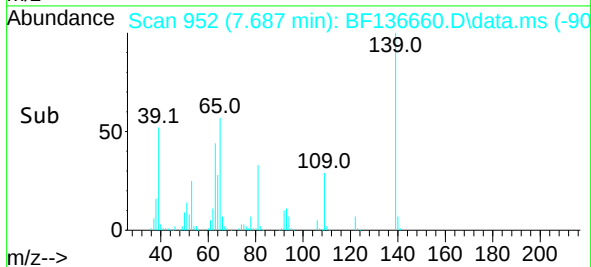
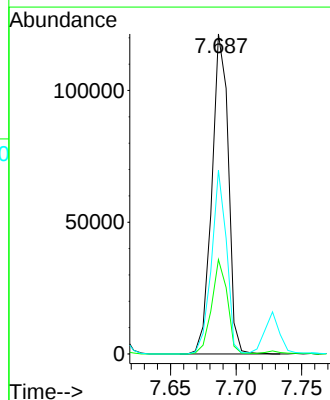
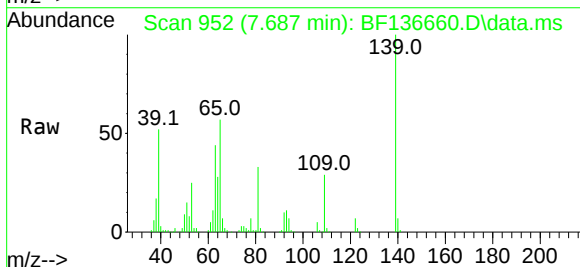
Manual Integrations
APPROVED

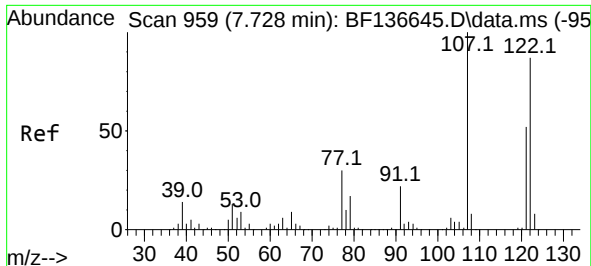
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#26
2-Nitrophenol
Concen: 41.297 ng
RT: 7.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Tgt Ion:139 Resp: 106135
Ion Ratio Lower Upper
139 100
109 29.5 21.9 32.9
65 57.4 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 41.171 ng

RT: 7.728 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:122 Resp: 128819

Ion Ratio Lower Upper

122 100

107 116.1 92.0 138.0

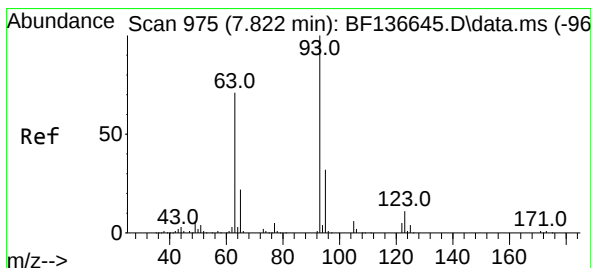
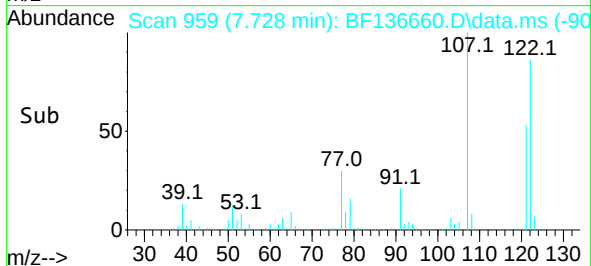
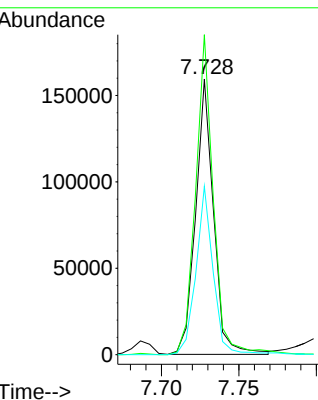
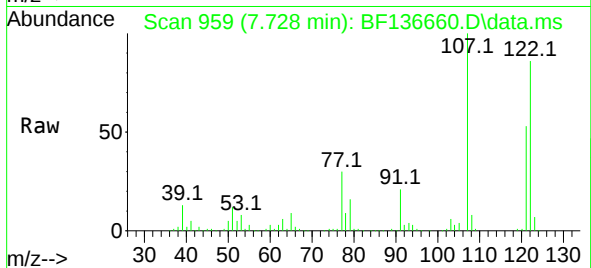
121 61.0 47.5 71.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#28

bis(2-Chloroethoxy)methane

Concen: 40.791 ng

RT: 7.822 min Scan# 975

Delta R.T. 0.000 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

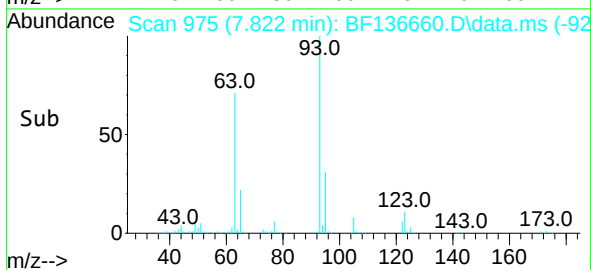
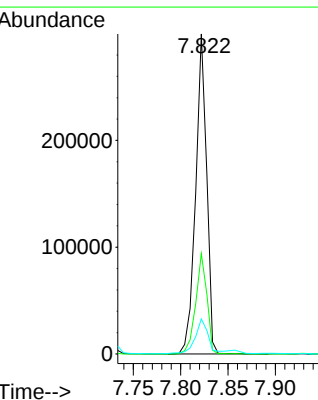
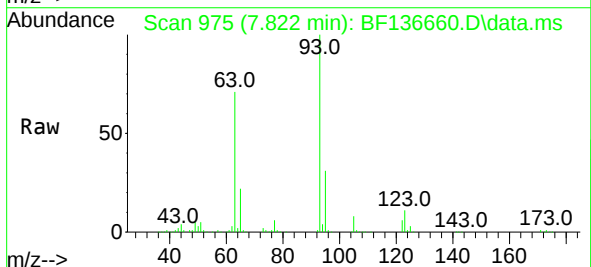
Tgt Ion: 93 Resp: 241931

Ion Ratio Lower Upper

93 100

95 31.3 25.5 38.3

123 11.0 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 40.858 ng

RT: 7.934 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 16458

Ion Ratio Lower Upper

162 100

164 65.0 41.7 81.7

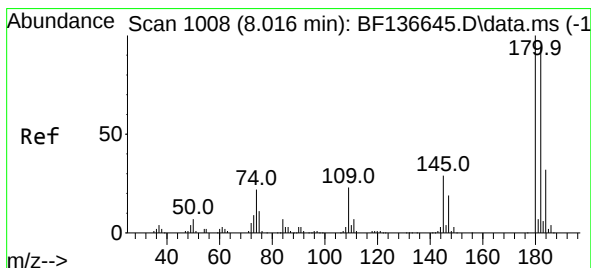
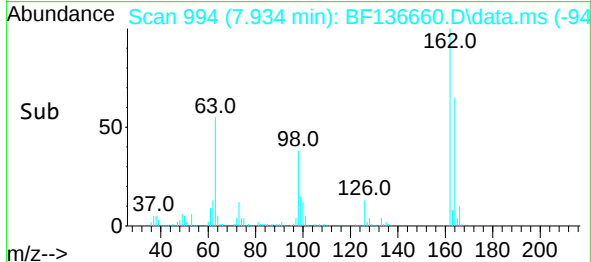
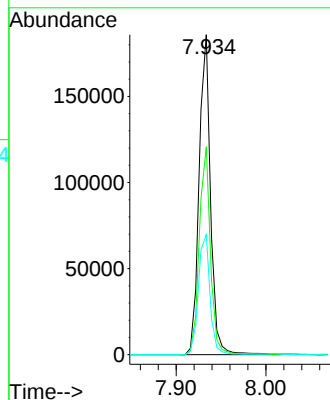
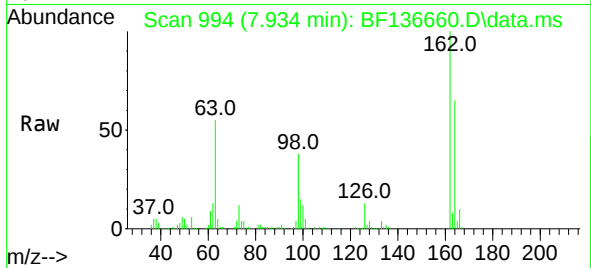
98 37.6 19.5 59.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#30

1,2,4-Trichlorobenzene

Concen: 41.081 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

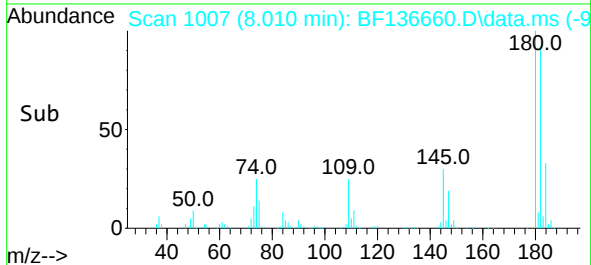
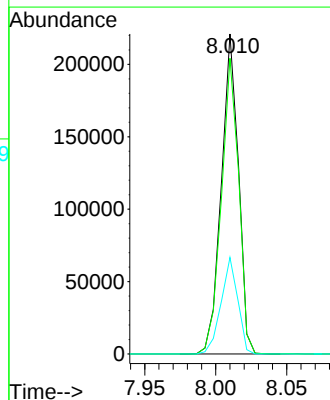
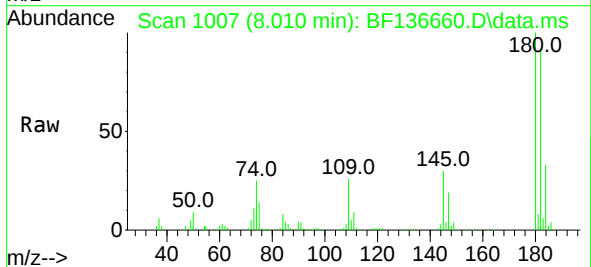
Tgt Ion:180 Resp: 184378

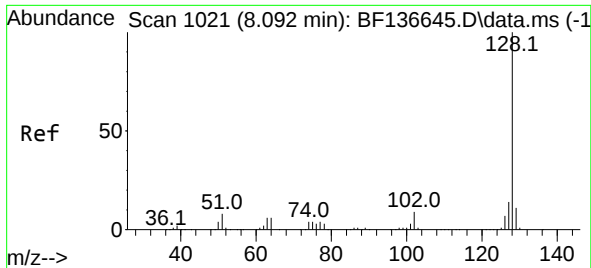
Ion Ratio Lower Upper

180 100

182 92.4 75.4 113.0

145 30.2 23.1 34.7





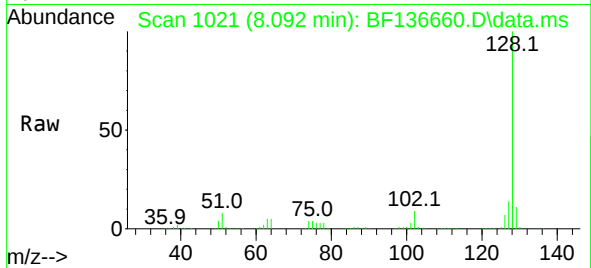
#31
Naphthalene
Concen: 40.445 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

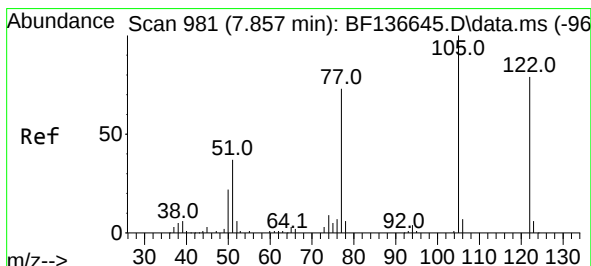
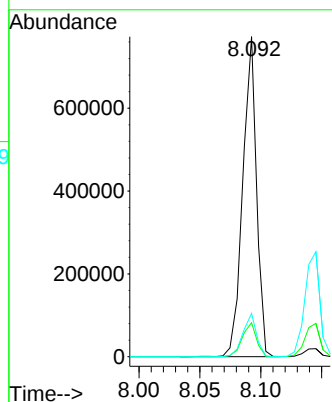
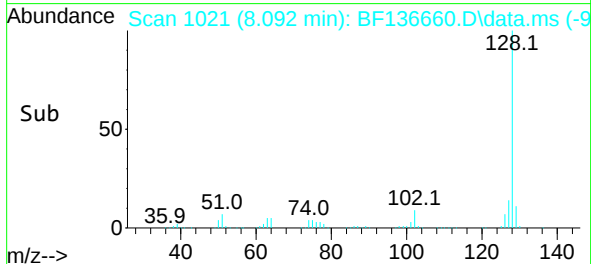


Tgt Ion:128 Resp: 60970
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 13.5 10.8 16.2

Manual Integrations

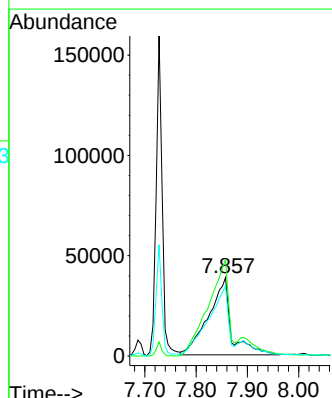
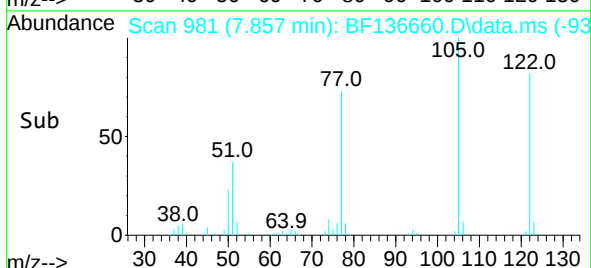
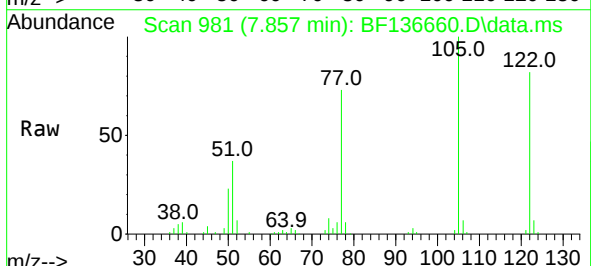
APPROVED

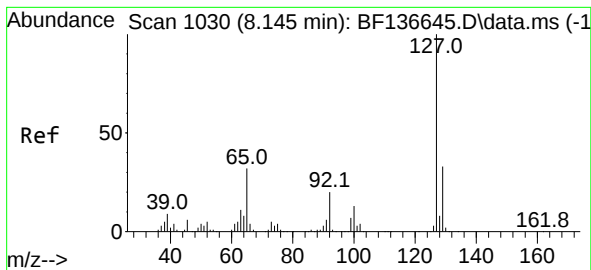
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#32
Benzoic acid
Concen: 39.173 ng m
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Tgt Ion:122 Resp: 118592
Ion Ratio Lower Upper
122 100
105 122.5 100.8 140.8
77 89.5 70.9 110.9





#33
4-Chloroaniline
Concen: 40.383 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

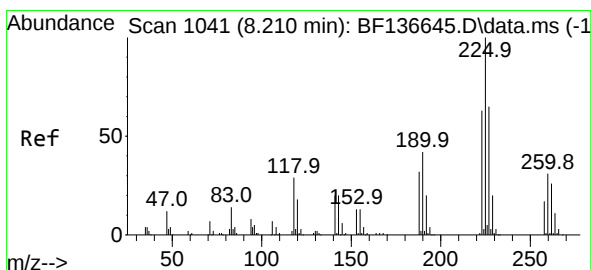
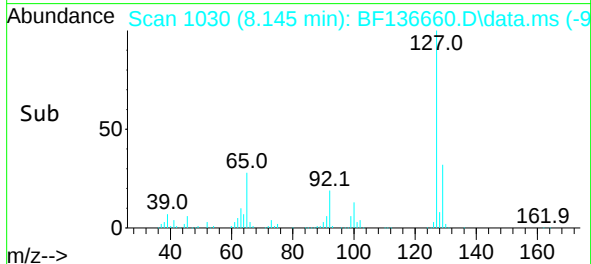
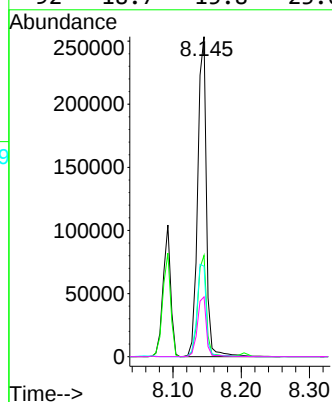
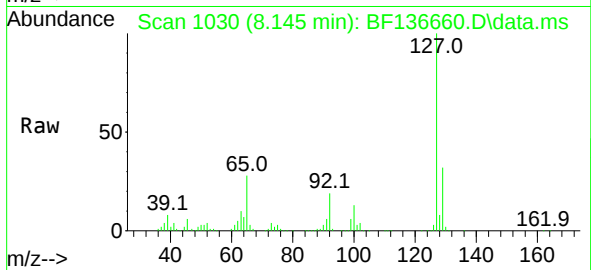
SSTDCCC040

Tgt Ion:127 Resp: 224768
Ion Ratio Lower Upper
127 100
129 31.6 26.3 39.5
65 28.3 25.8 38.8
92 18.7 15.8 23.6

Manual Integrations

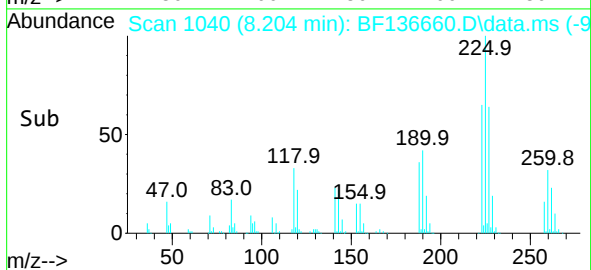
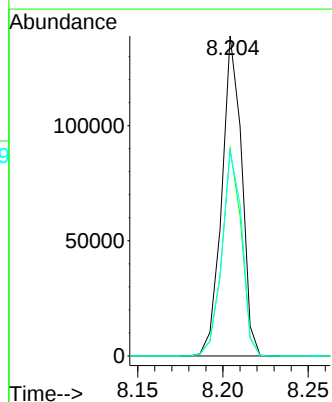
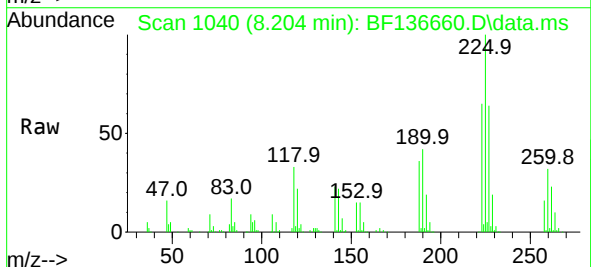
APPROVED

Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#34
Hexachlorobutadiene
Concen: 41.203 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Tgt Ion:225 Resp: 112353
Ion Ratio Lower Upper
225 100
223 64.8 50.6 76.0
227 63.9 51.9 77.9





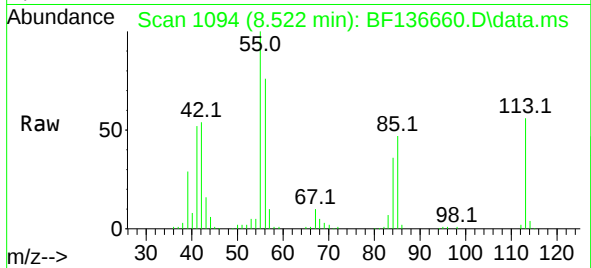
#35
Caprolactam
Concen: 41.293 ng m
RT: 8.522 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

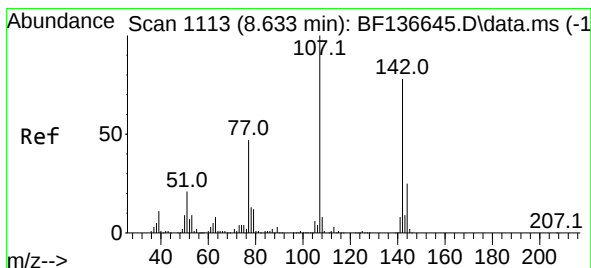
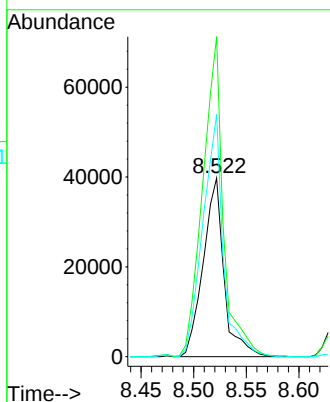
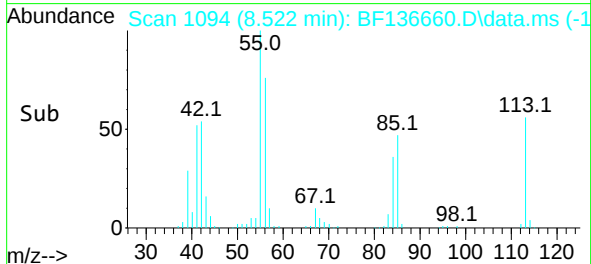


Tgt Ion:113 Resp: 5487
Ion Ratio Lower Upper
113 100
55 179.3 163.1 203.1
56 135.7 121.7 161.7

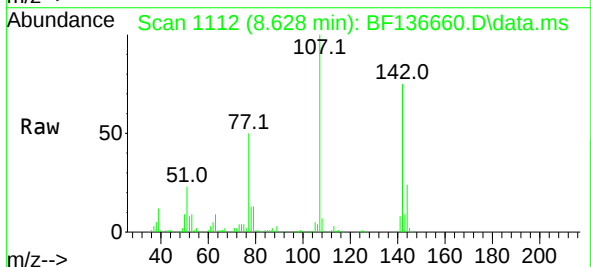
Manual Integrations

APPROVED

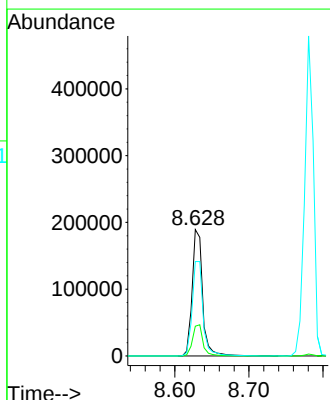
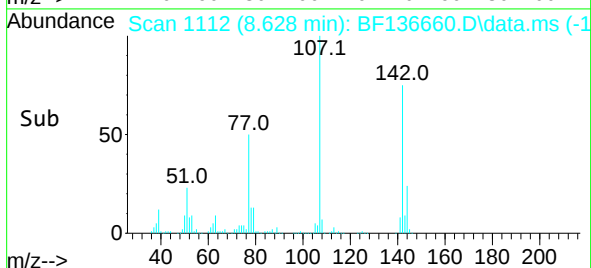
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

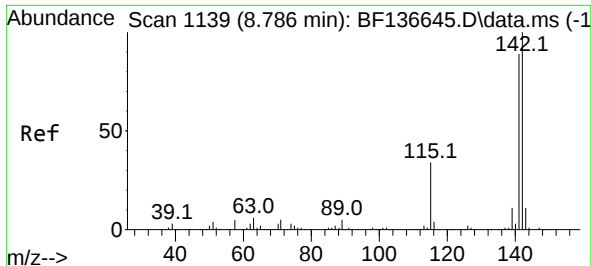


#36
4-Chloro-3-methylphenol
Concen: 40.797 ng
RT: 8.628 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22



Tgt Ion:107 Resp: 185007
Ion Ratio Lower Upper
107 100
144 23.5 20.2 30.2
142 74.7 62.3 93.5





#37

2-Methylnaphthalene

Concen: 40.796 ng

RT: 8.781 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 39578

Ion Ratio Lower Upper

142 100

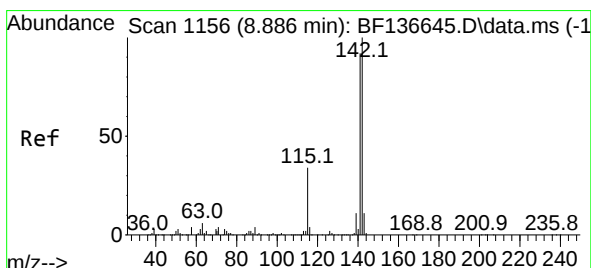
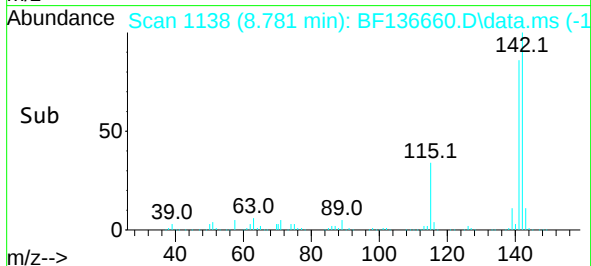
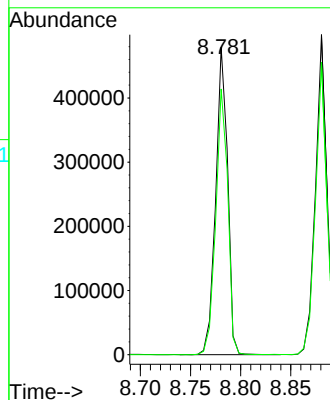
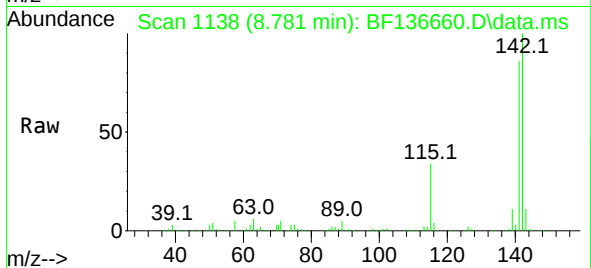
141 86.4 71.1 106.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#38

1-Methylnaphthalene

Concen: 40.508 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF136660.D

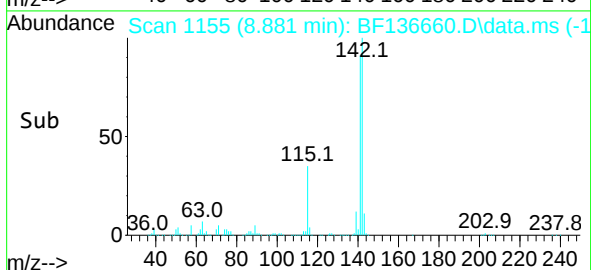
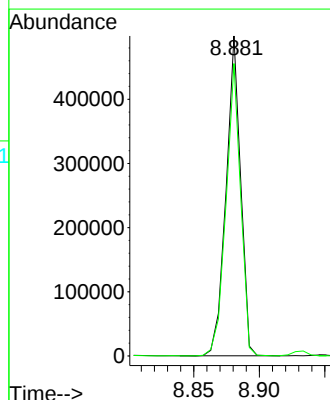
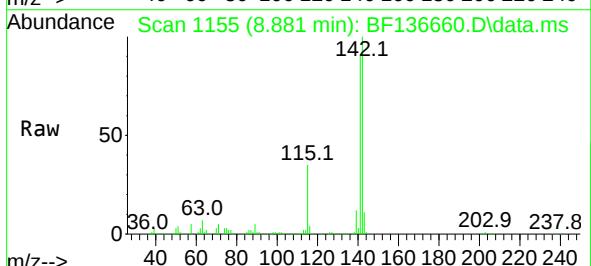
Acq: 21 Dec 2023 09:22

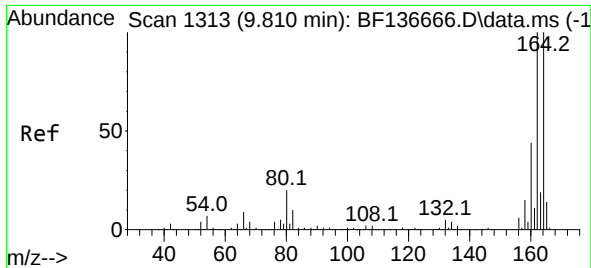
Tgt Ion:142 Resp: 385557

Ion Ratio Lower Upper

142 100

141 91.4 73.6 110.4





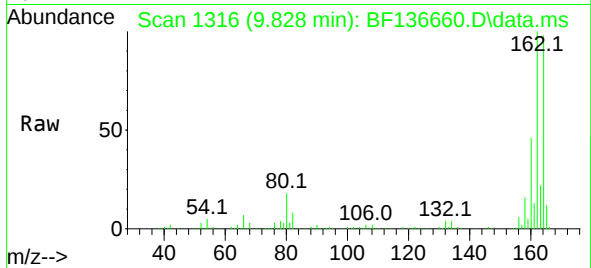
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



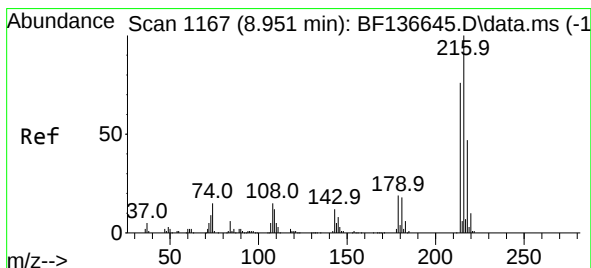
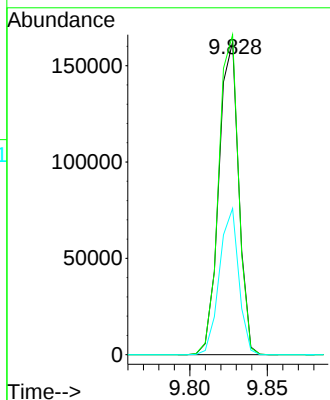
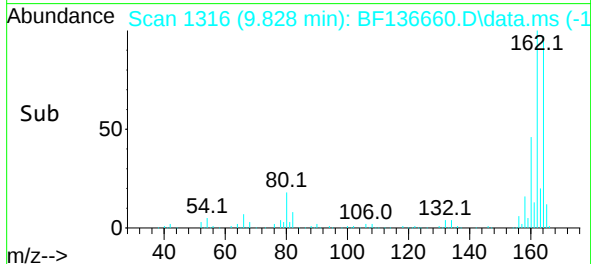
Tgt Ion:164 Resp: 145200
Ion Ratio Lower Upper
164 100
162 102.3 81.6 122.4
160 46.7 34.9 52.3

Manual Integrations

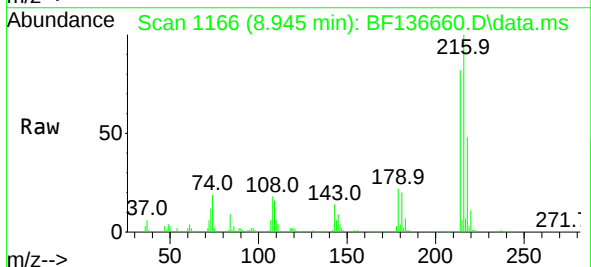
APPROVED

Reviewed By :Yogesh Patel 12/22/2023

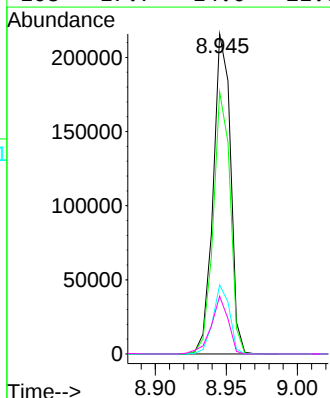
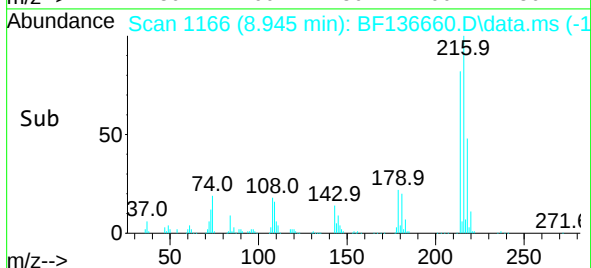
Supervised By :mohammad ahmed 12/22/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.696 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22



Tgt Ion:216 Resp: 183009
Ion Ratio Lower Upper
216 100
214 79.9 62.3 93.5
179 20.7 16.4 24.6
108 17.7 14.0 21.0





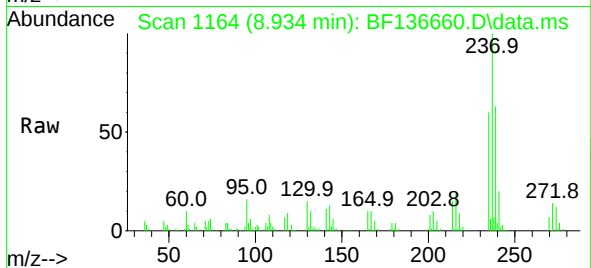
#41
Hexachlorocyclopentadiene
Concen: 38.749 ng
RT: 8.934 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

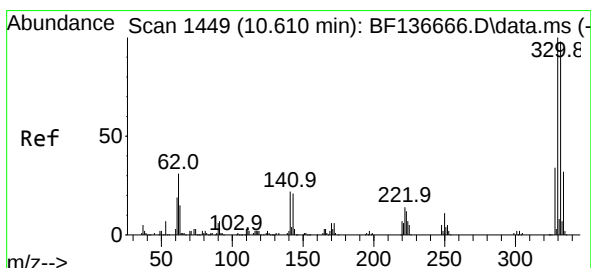
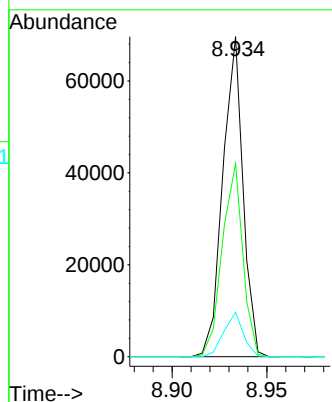
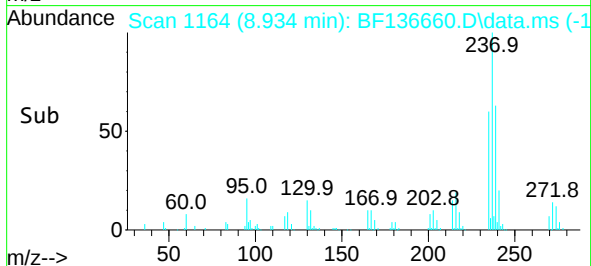


Tgt Ion:237 Resp: 51702
Ion Ratio Lower Upper
237 100
235 60.4 43.2 83.2
272 13.9 0.0 34.2

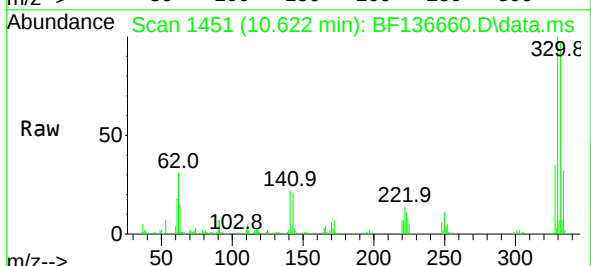
Manual Integrations

APPROVED

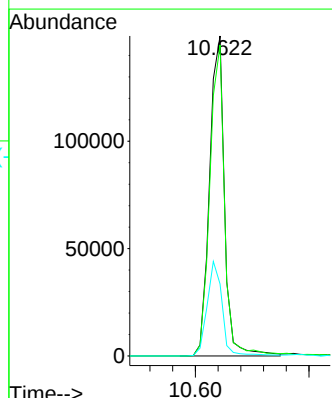
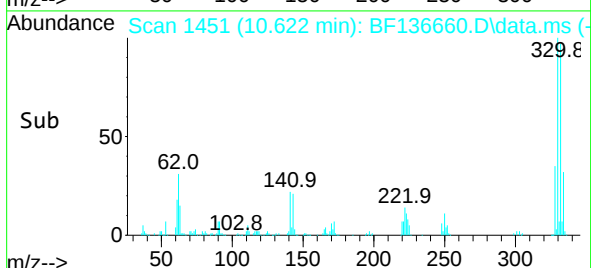
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#42
2,4,6-Tribromophenol
Concen: 79.314 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22



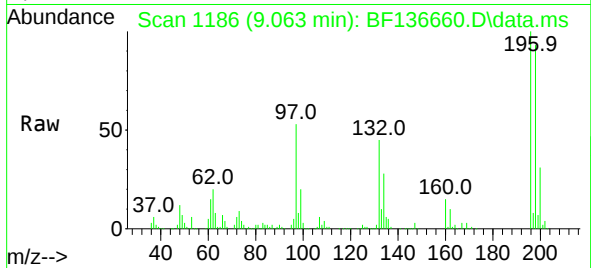
Tgt Ion:330 Resp: 135637
Ion Ratio Lower Upper
330 100
332 97.9 77.4 116.0
141 29.8 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 40.750 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

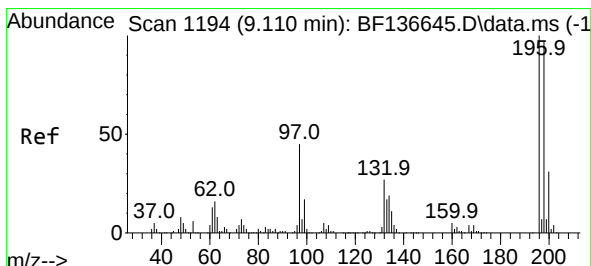
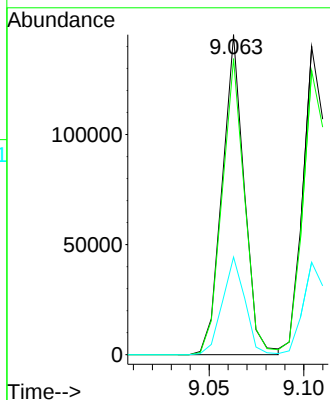
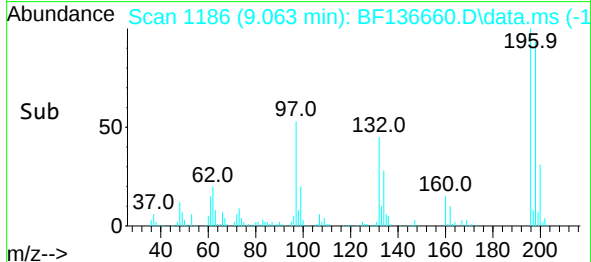
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



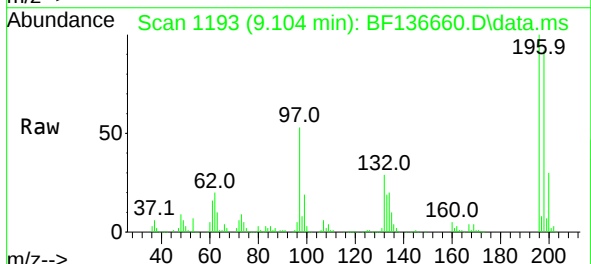
Tgt Ion:196 Resp: 11752
Ion Ratio Lower Upper
196 100
198 92.5 75.1 112.7
200 30.5 22.5 33.7

Manual Integrations
APPROVED

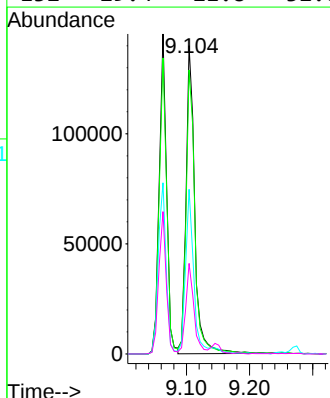
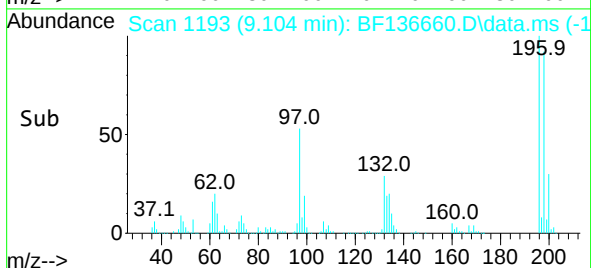
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

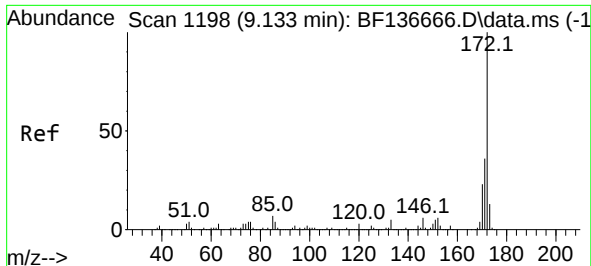


#44
2,4,5-Trichlorophenol
Concen: 41.833 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22



Tgt Ion:196 Resp: 134444
Ion Ratio Lower Upper
196 100
198 92.1 77.0 115.6
97 53.4 36.1 54.1
132 29.4 21.8 32.6





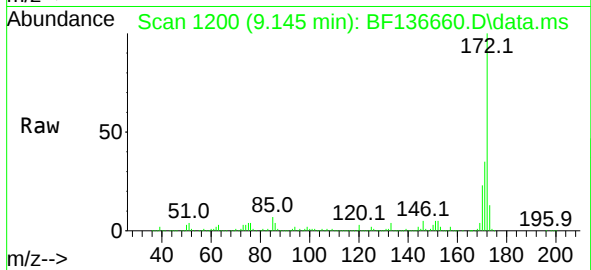
#45
2-Fluorobiphenyl
Concen: 80.582 ng
RT: 9.145 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

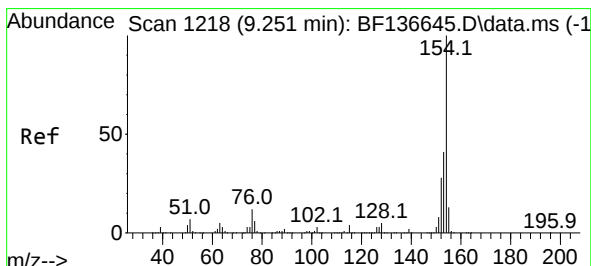
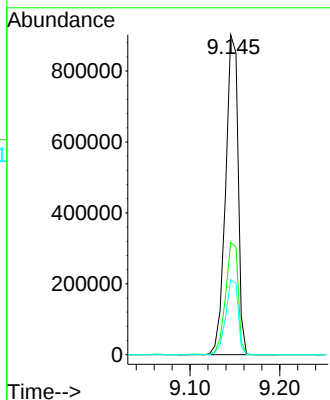
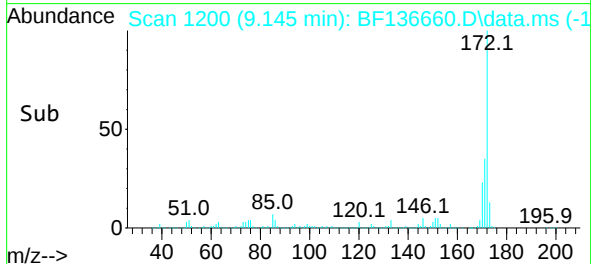


Tgt Ion:172 Resp: 869970
Ion Ratio Lower Upper
172 100
171 35.1 29.0 43.6
170 23.5 19.0 28.4

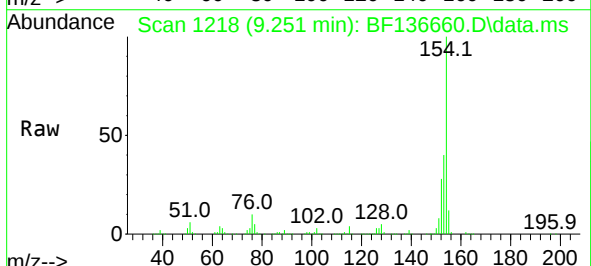
Manual Integrations

APPROVED

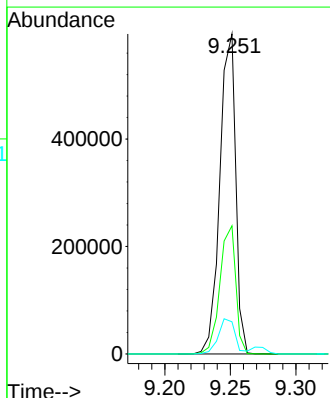
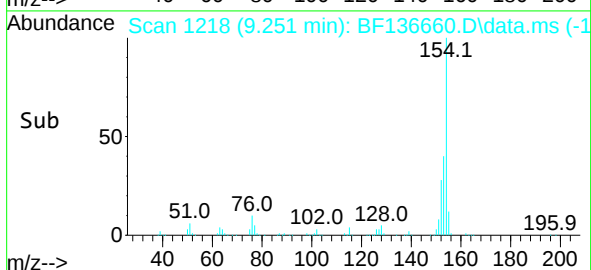
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

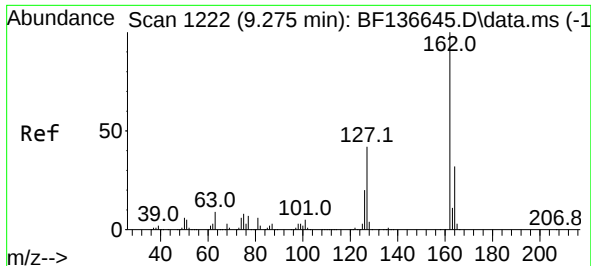


#46
1,1'-Biphenyl
Concen: 40.987 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22



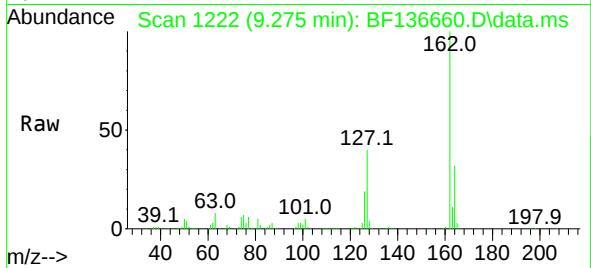
Tgt Ion:154 Resp: 499425
Ion Ratio Lower Upper
154 100
153 40.0 21.1 61.1
76 10.1 0.0 31.7





#47
2-Chloronaphthalene
Concen: 40.650 ng
RT: 9.275 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

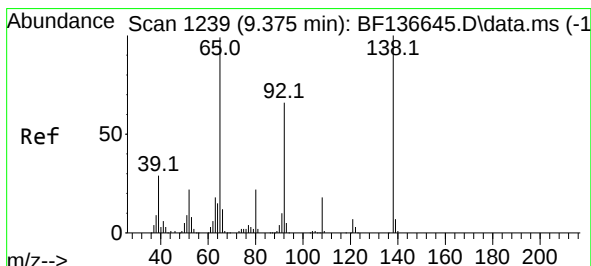
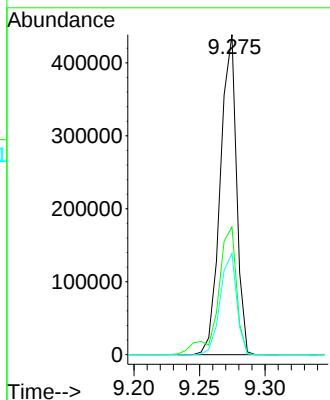
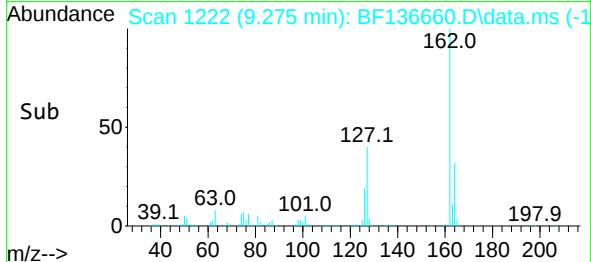
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



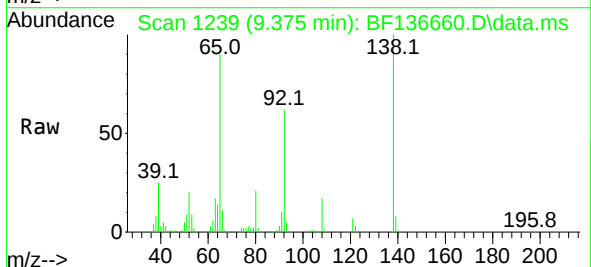
Tgt Ion:162 Resp: 376552
Ion Ratio Lower Upper
162 100
127 40.0 33.6 50.4
164 31.7 25.7 38.5

Manual Integrations
APPROVED

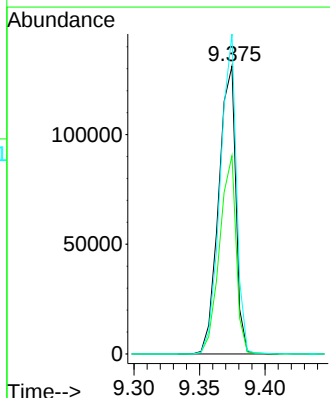
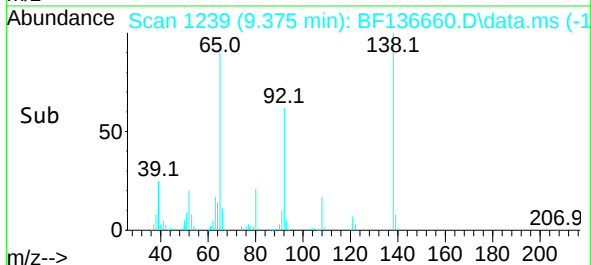
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

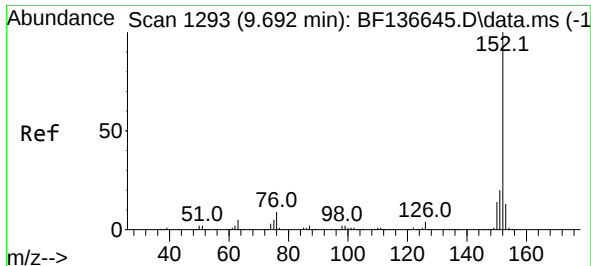


#48
2-Nitroaniline
Concen: 41.100 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22



Tgt Ion: 65 Resp: 119222
Ion Ratio Lower Upper
65 100
92 68.9 53.2 79.8
138 111.2 81.1 121.7





#49

Acenaphthylene

Concen: 40.896 ng

RT: 9.686 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BF136660.D

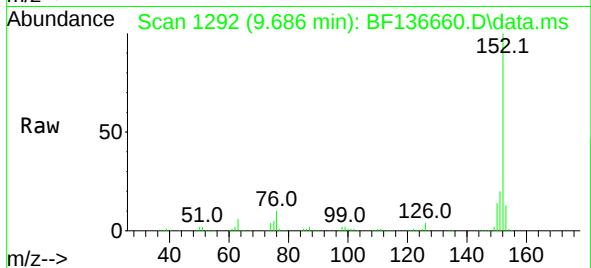
Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:152 Resp: 579038

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

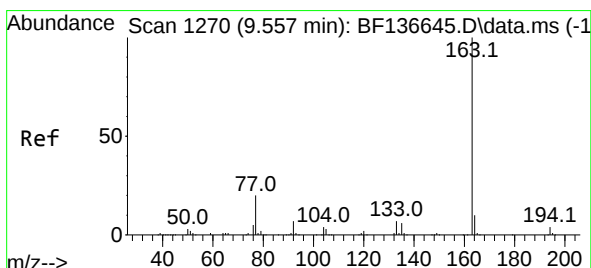
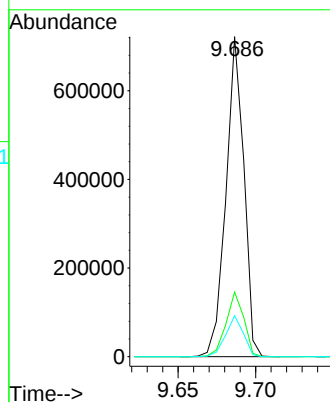
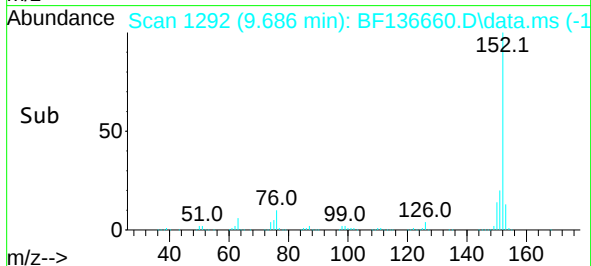
153 12.8 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#50

Dimethylphthalate

Concen: 40.190 ng

RT: 9.551 min Scan# 1269

Delta R.T. -0.006 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

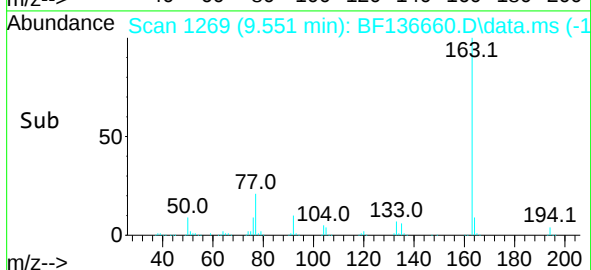
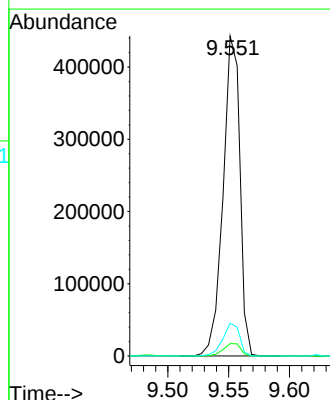
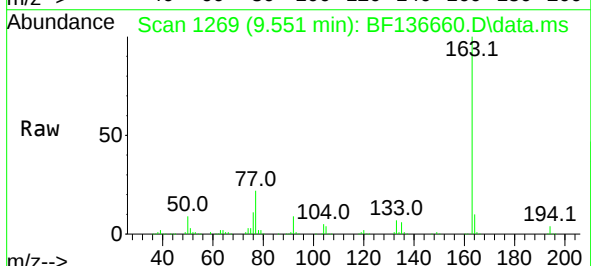
Tgt Ion:163 Resp: 426268

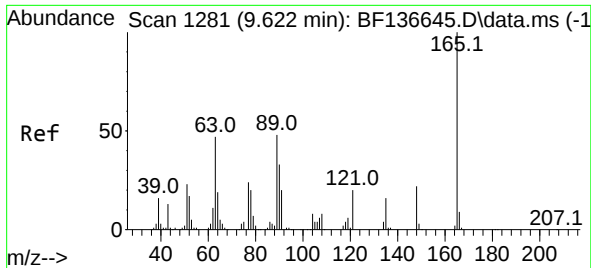
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.2 7.8 11.6





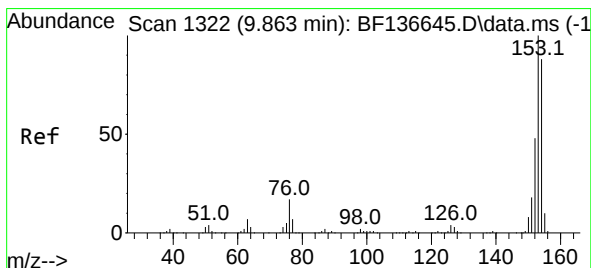
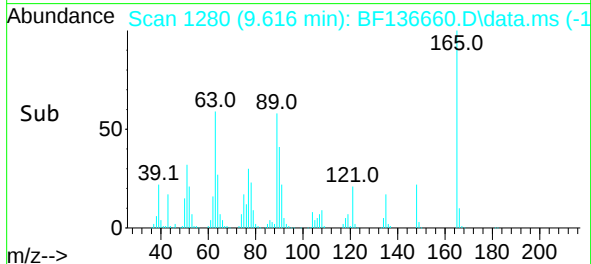
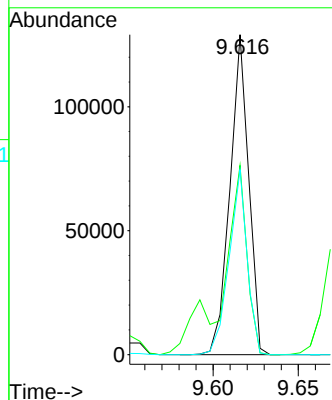
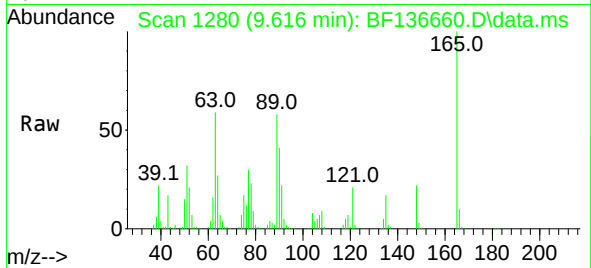
#51
2,6-Dinitrotoluene
Concen: 40.956 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Instrument :
BNA_F
Client Sample Id :
SSTDCCC040

Tgt Ion:165 Resp: 9858
Ion Ratio Lower Upper
165 100
63 59.1 39.8 59.6
89 57.8 38.8 58.2

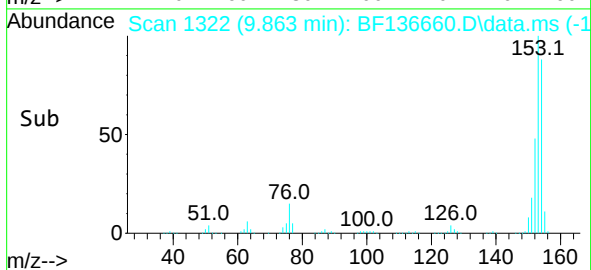
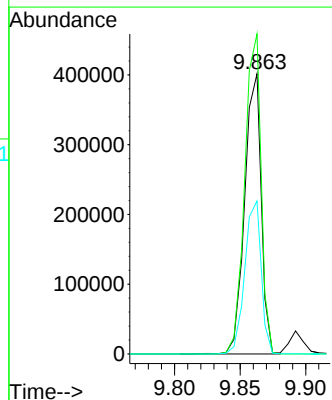
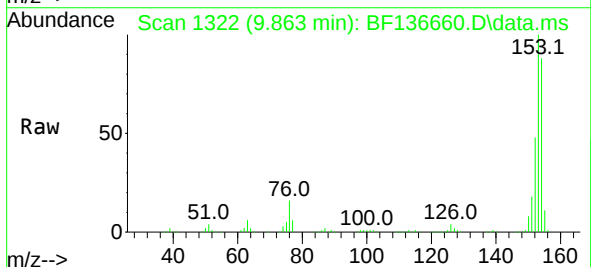
Manual Integrations
APPROVED

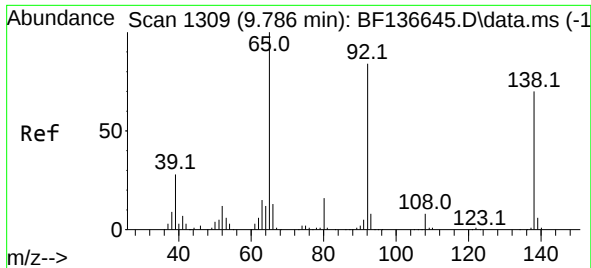
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#52
Acenaphthene
Concen: 40.148 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Tgt Ion:154 Resp: 352371
Ion Ratio Lower Upper
154 100
153 114.2 90.7 136.1
152 54.6 43.7 65.5





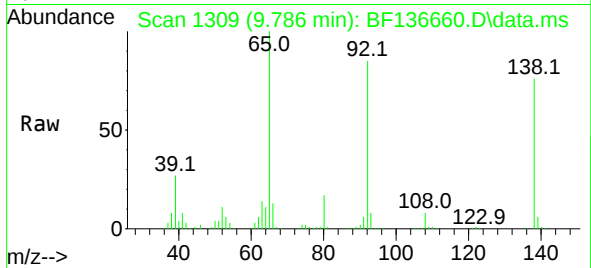
#53
3-Nitroaniline
Concen: 40.983 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



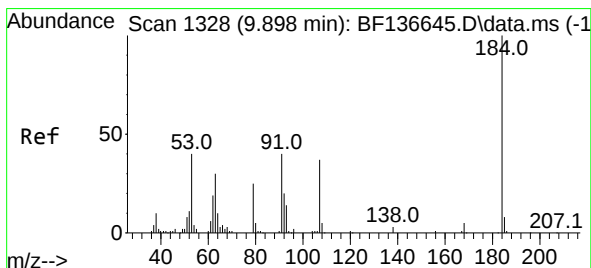
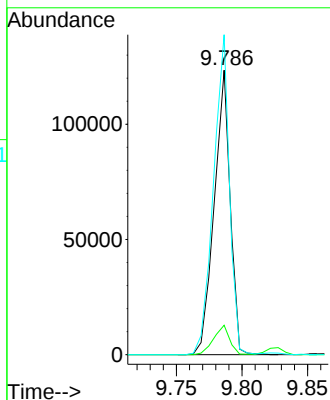
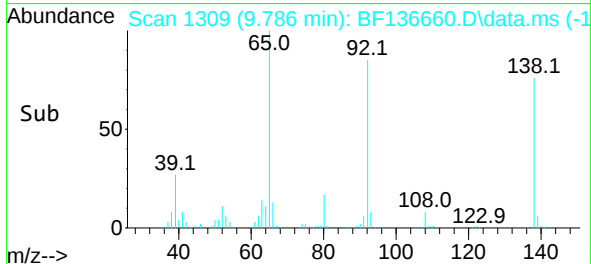
Tgt Ion:138 Resp: 104502
Ion Ratio Lower Upper
138 100
108 10.3 8.6 12.8
92 112.5 95.2 142.8

Manual Integrations

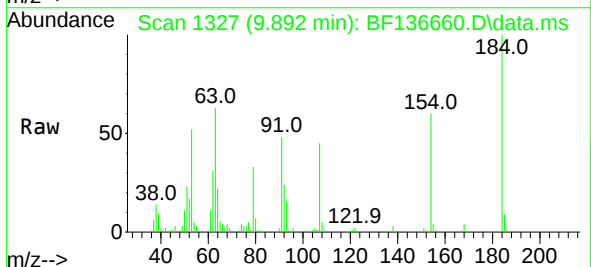
APPROVED

Reviewed By :Yogesh Patel 12/22/2023

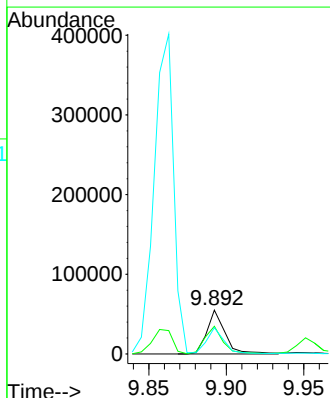
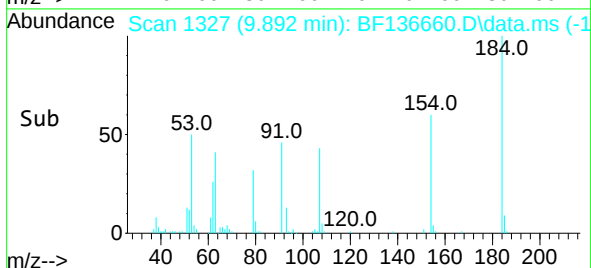
Supervised By :mohammad ahmed 12/22/2023

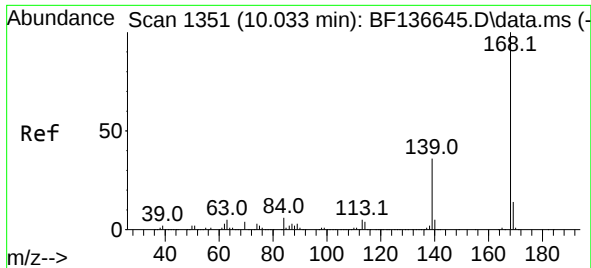


#54
2,4-Dinitrophenol
Concen: 35.815 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22



Tgt Ion:184 Resp: 44892
Ion Ratio Lower Upper
184 100
63 63.0 40.9 61.3#
154 60.1 42.7 64.1





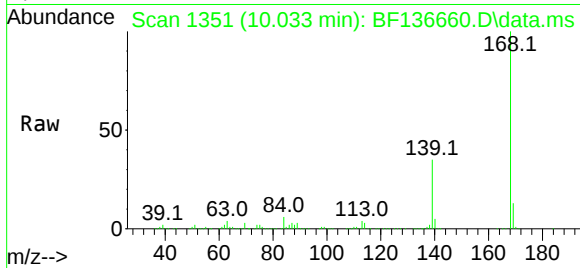
#55
Dibenzenofuran
Concen: 40.344 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

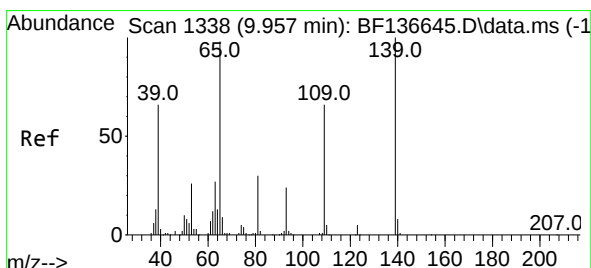
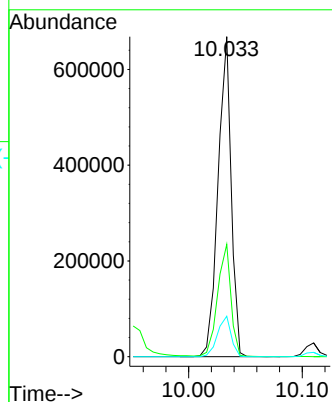
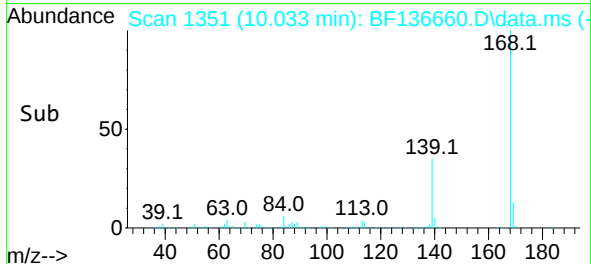


Tgt Ion:168 Resp: 536754
Ion Ratio Lower Upper
168 100
139 35.1 29.3 43.9
169 12.6 11.0 16.4

Manual Integrations

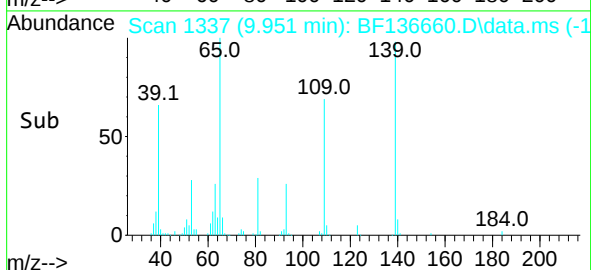
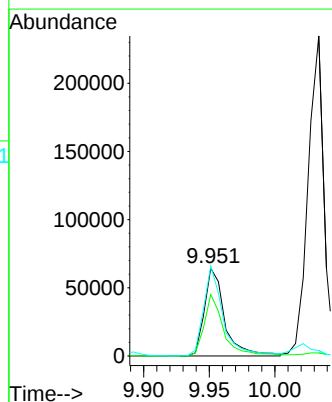
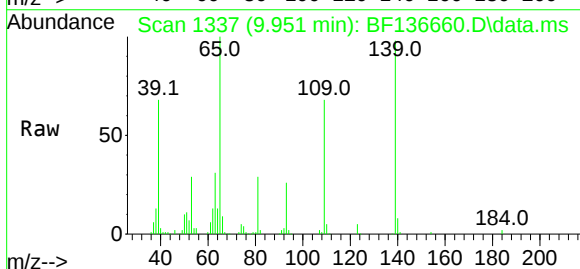
APPROVED

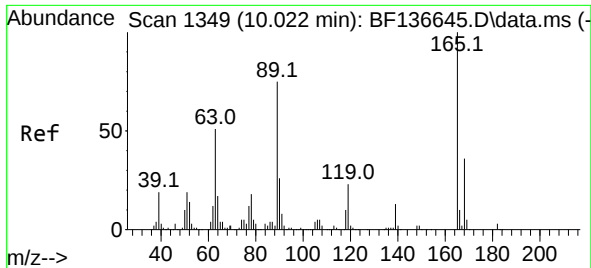
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#56
4-Nitrophenol
Concen: 40.192 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

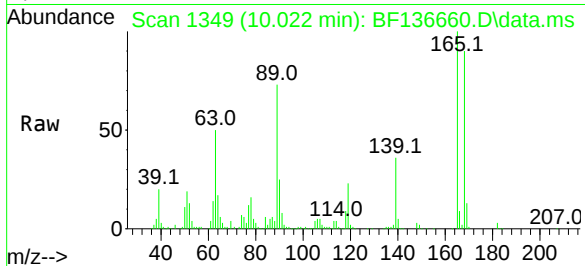
Tgt Ion:139 Resp: 69183
Ion Ratio Lower Upper
139 100
109 70.2 45.8 85.8
65 102.5 77.8 117.8





#57
2,4-Dinitrotoluene
Concen: 41.440 ng
RT: 10.022 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

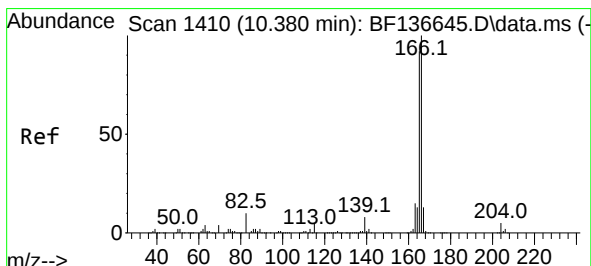
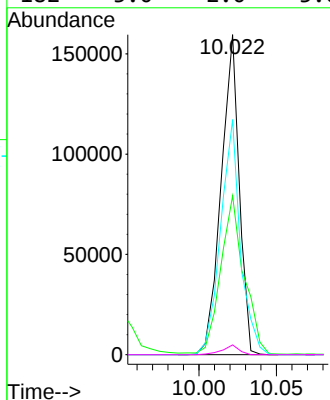
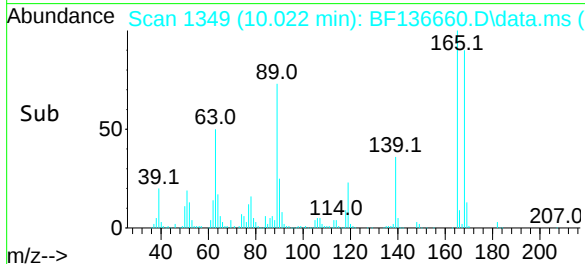
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



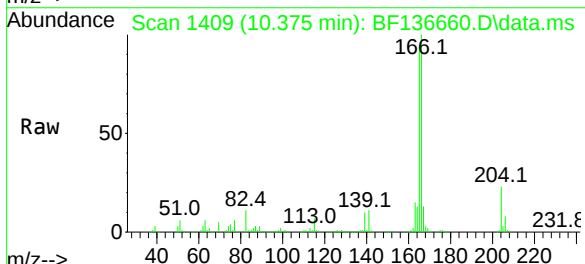
Tgt Ion:165 Resp: 12949
Ion Ratio Lower Upper
165 100
63 49.7 41.0 61.6
89 73.5 59.9 89.9
182 3.0 2.0 3.0#

Manual Integrations
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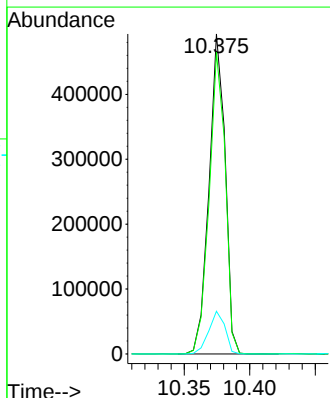
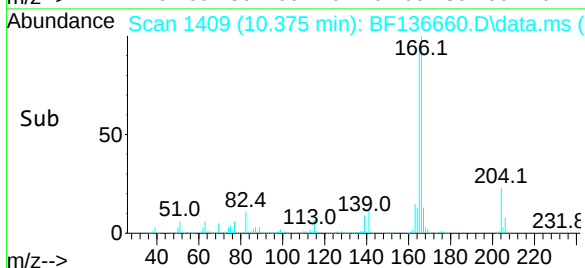
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

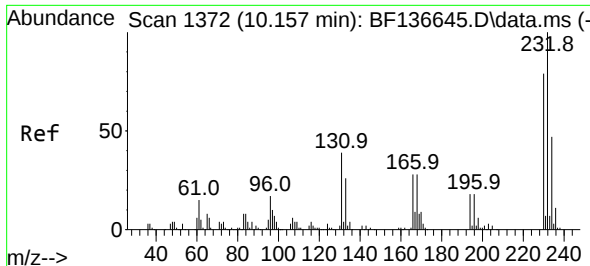


#58
Fluorene
Concen: 39.932 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22



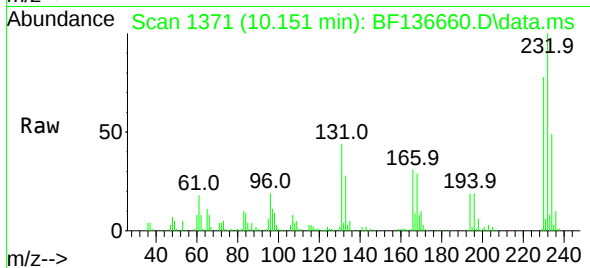
Tgt Ion:166 Resp: 421538
Ion Ratio Lower Upper
166 100
165 94.2 73.7 110.5
167 13.4 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.427 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

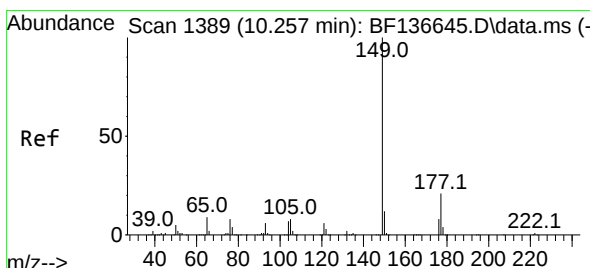
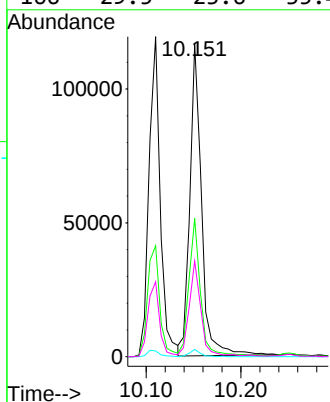
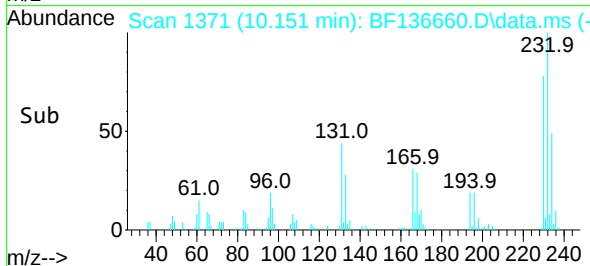
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 10001
Ion Ratio Lower Upper
232 100
131 44.4 35.1 52.7
130 2.2 1.6 2.4
166 29.5 23.6 35.4

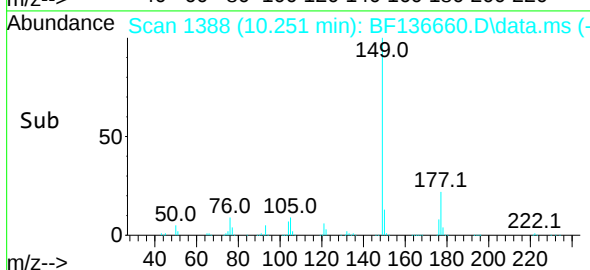
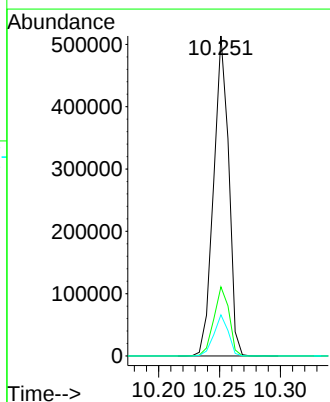
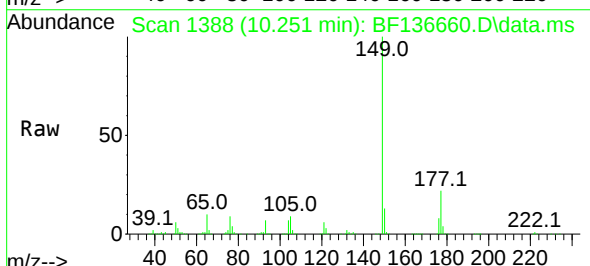
Manual Integrations
APPROVED

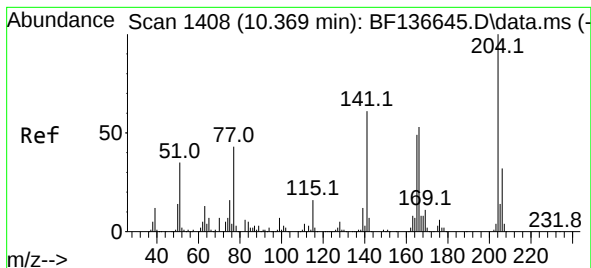
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#60
Diethylphthalate
Concen: 40.245 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

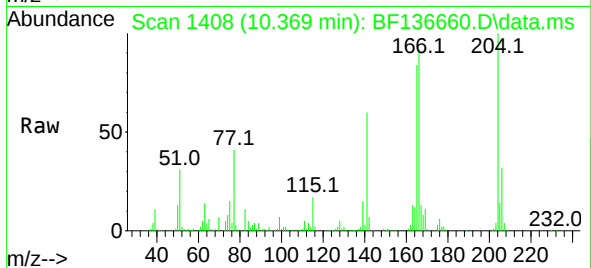
Tgt Ion:149 Resp: 442881
Ion Ratio Lower Upper
149 100
177 21.6 16.9 25.3
150 12.9 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 39.250 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

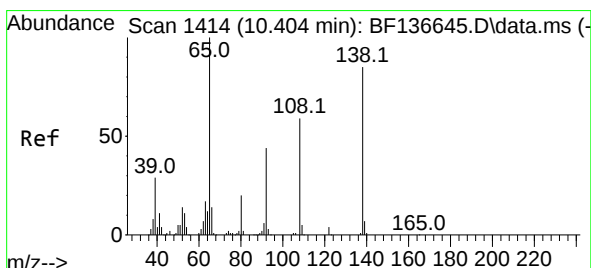
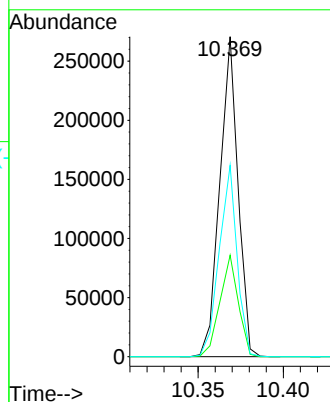
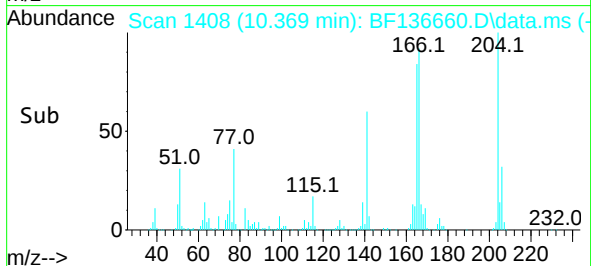
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:204 Resp: 201390
Ion Ratio Lower Upper
204 100
206 31.7 25.6 38.4
141 59.8 48.4 72.6

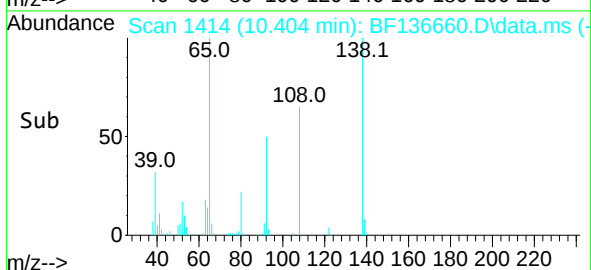
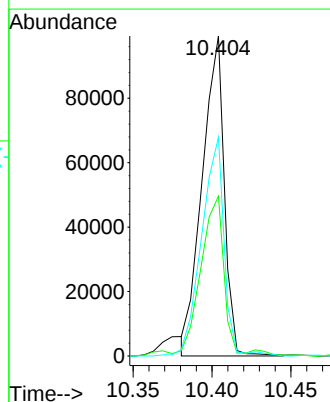
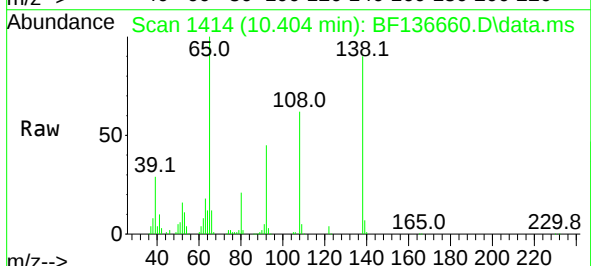
Manual Integrations
APPROVED

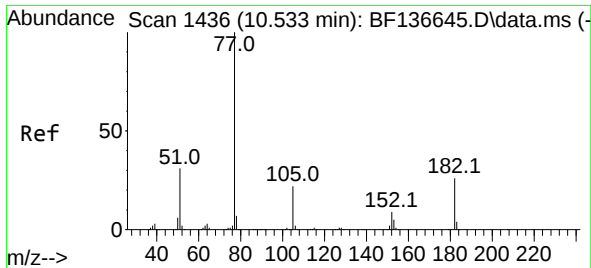
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#62
4-Nitroaniline
Concen: 39.389 ng m
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

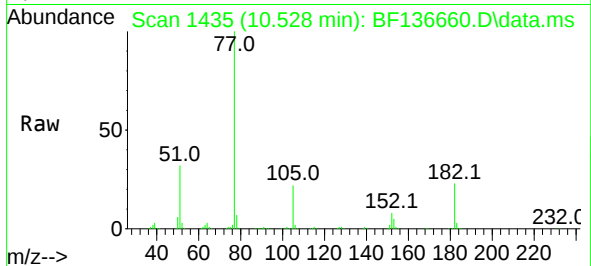
Tgt Ion:138 Resp: 96822
Ion Ratio Lower Upper
138 100
92 49.9 32.1 72.1
108 68.4 50.1 90.1





#63
Azobenzene
Concen: 40.462 ng
RT: 10.528 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

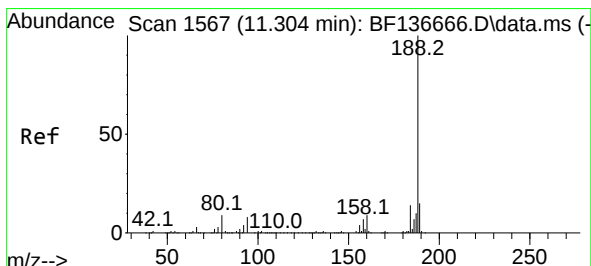
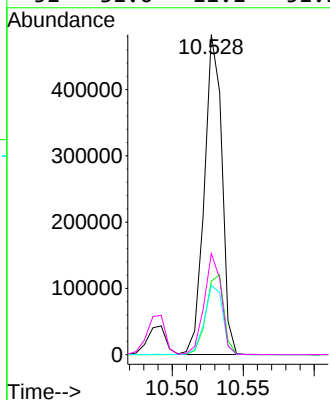
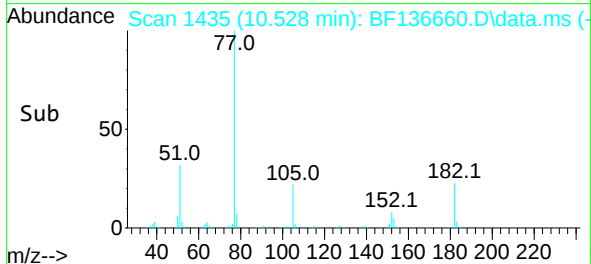
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



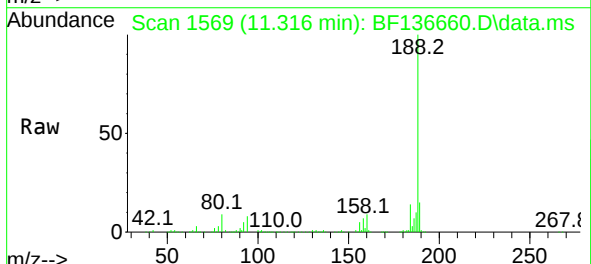
Tgt Ion: 77 Resp: 415884
Ion Ratio Lower Upper
77 100
182 23.0 6.0 46.0
105 21.7 2.3 42.3
51 31.6 11.1 51.1

Manual Integrations
APPROVED

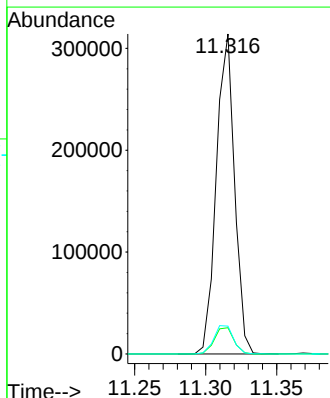
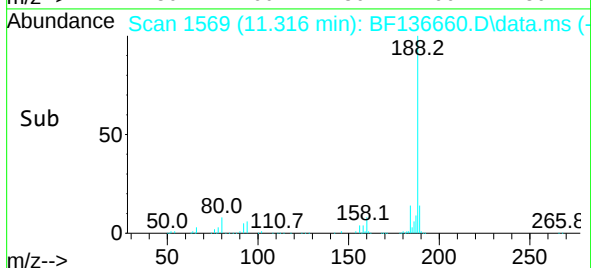
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

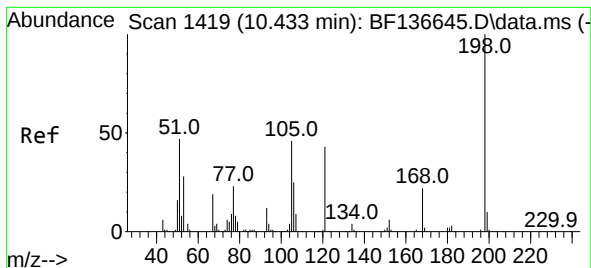


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22



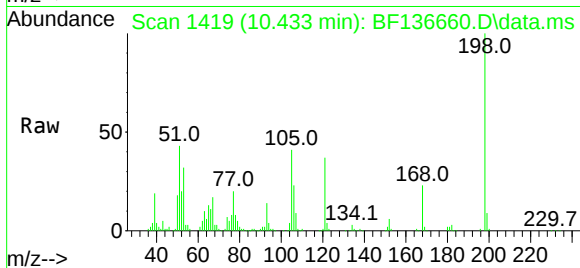
Tgt Ion:188 Resp: 279756
Ion Ratio Lower Upper
188 100
94 8.2 7.5 11.3
80 8.7 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 42.323 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

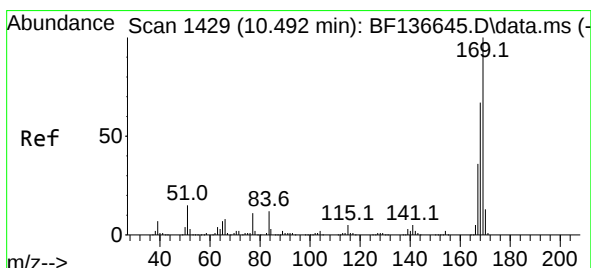
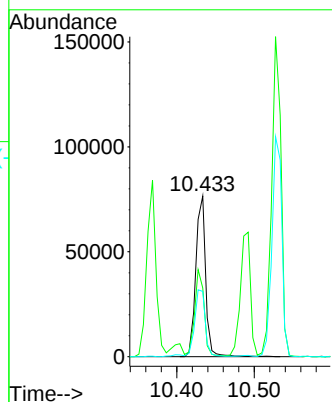
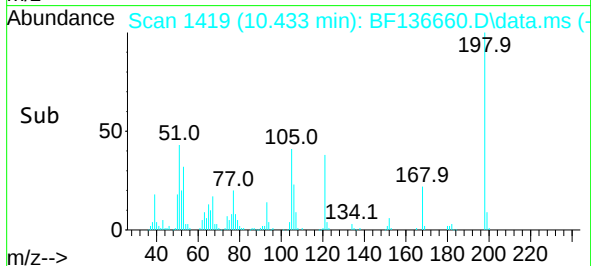
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



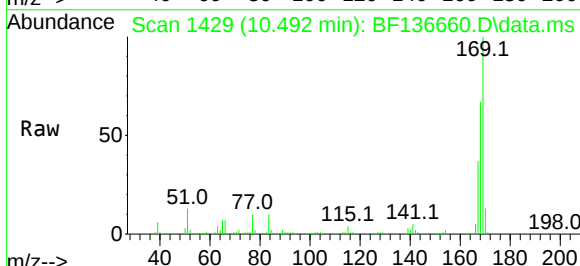
Tgt Ion:198 Resp: 6785
Ion Ratio Lower Upper
198 100
51 42.7 34.1 74.1
105 40.7 27.3 67.3

Manual Integrations
APPROVED

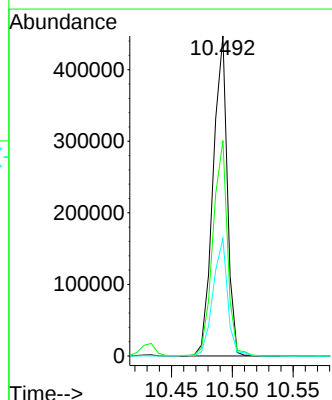
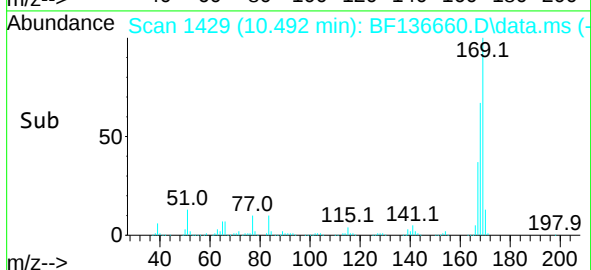
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

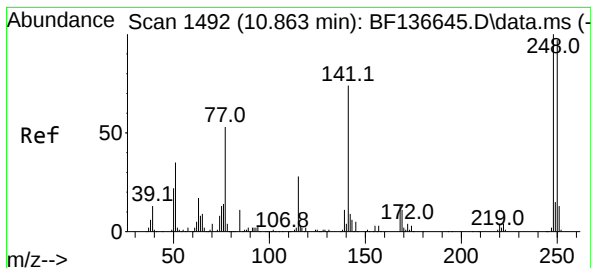


#66
n-Nitrosodiphenylamine
Concen: 39.881 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22



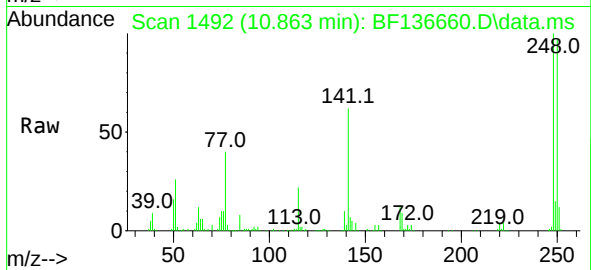
Tgt Ion:169 Resp: 362432
Ion Ratio Lower Upper
169 100
168 67.3 53.8 80.6
167 36.7 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 40.628 ng
RT: 10.863 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

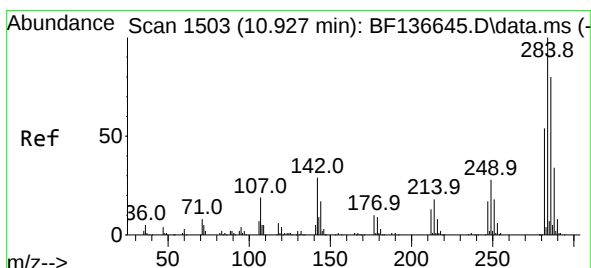
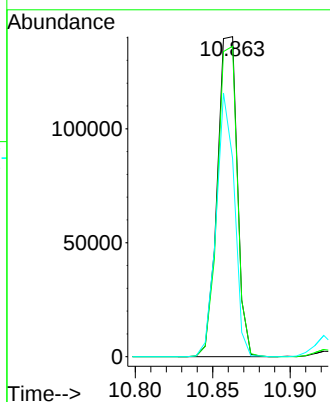
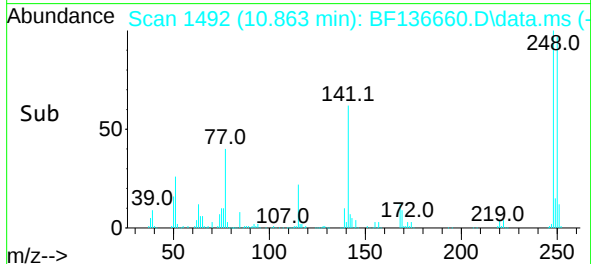
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



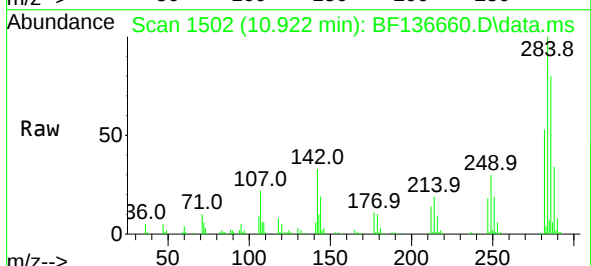
Tgt Ion:248 Resp: 126220
Ion Ratio Lower Upper
248 100
250 97.0 77.8 116.6
141 61.9 59.2 88.8

Manual Integrations
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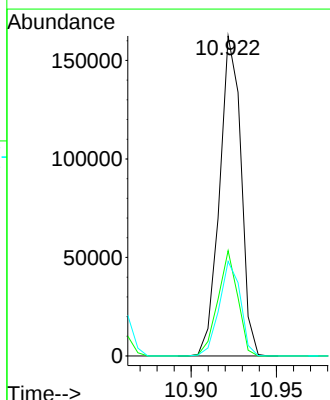
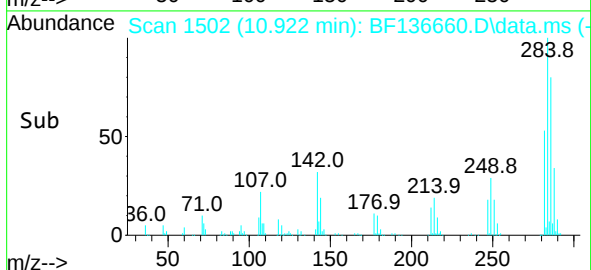
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

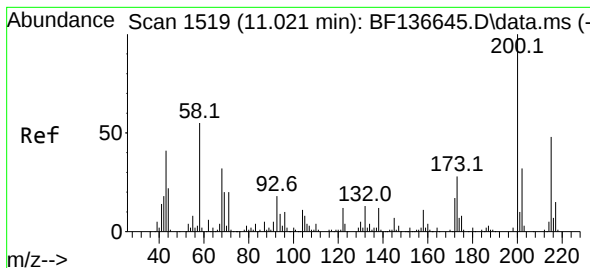


#68
Hexachlorobenzene
Concen: 40.923 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22



Tgt Ion:284 Resp: 141691
Ion Ratio Lower Upper
284 100
142 32.9 23.4 35.0
249 29.6 22.3 33.5





#69

Atrazine

Concen: 33.349 ng

RT: 11.016 min Scan# 1519

Delta R.T. -0.006 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 77510

Ion Ratio Lower Upper

200 100

173 28.0 7.6 47.6

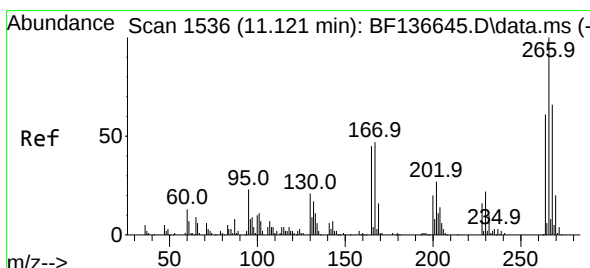
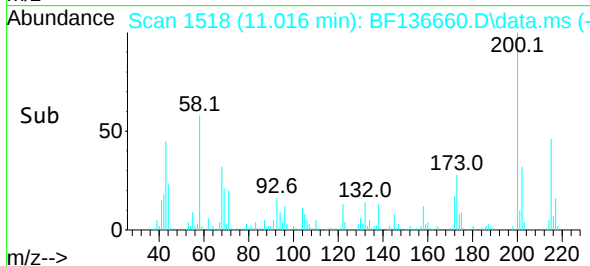
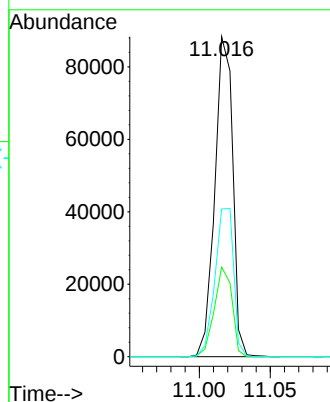
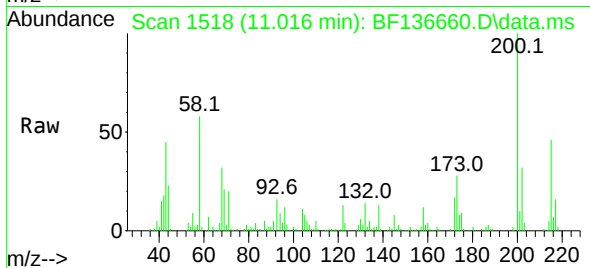
215 46.2 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#70

Pentachlorophenol

Concen: 41.510 ng

RT: 11.122 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

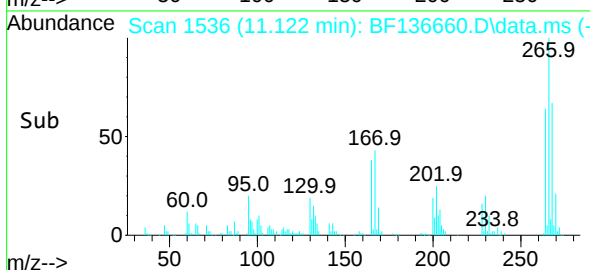
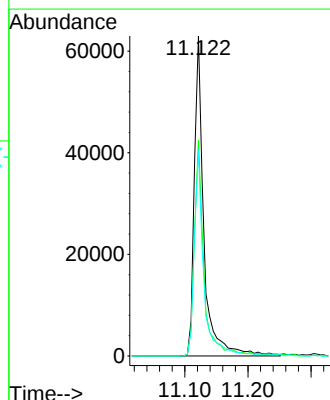
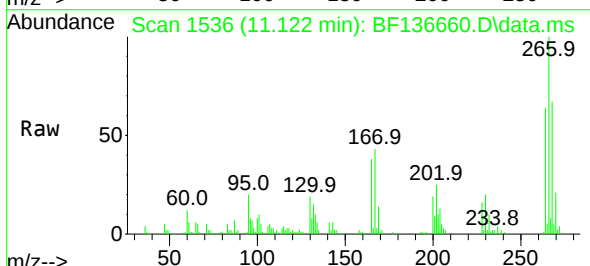
Tgt Ion:266 Resp: 66991

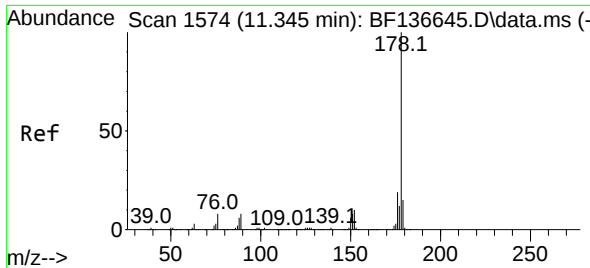
Ion Ratio Lower Upper

266 100

268 67.4 52.6 78.8

264 64.3 49.0 73.4





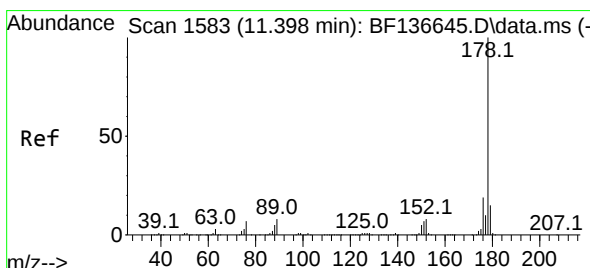
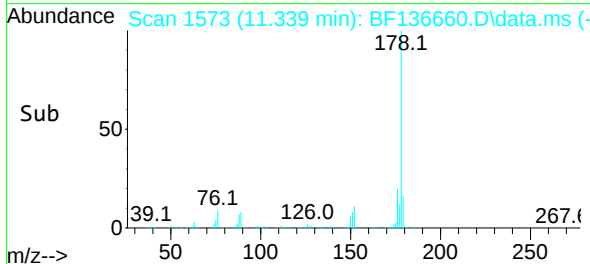
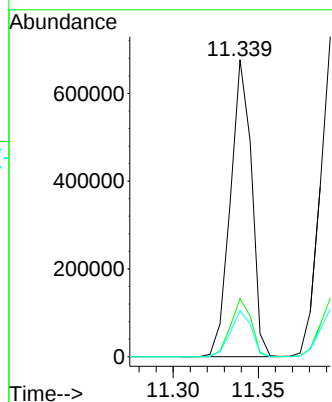
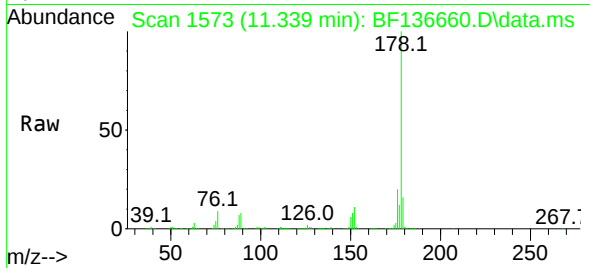
#71
Phenanthrene
Concen: 40.555 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 58215
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 15.5 11.9 17.9

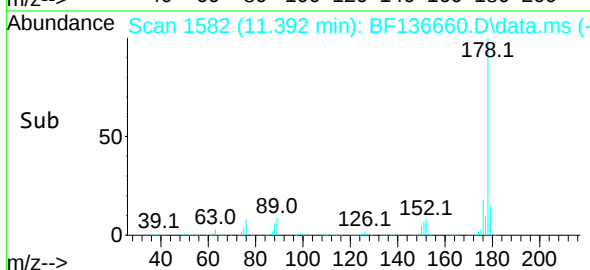
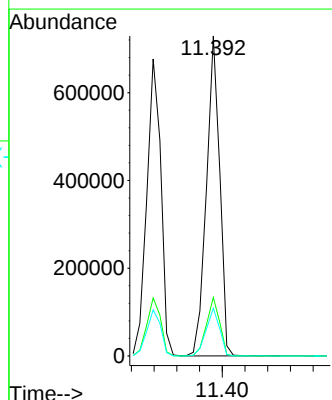
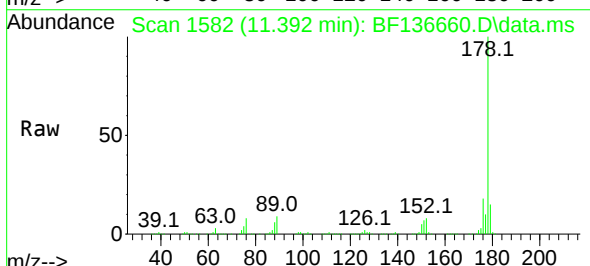
Manual Integrations
APPROVED

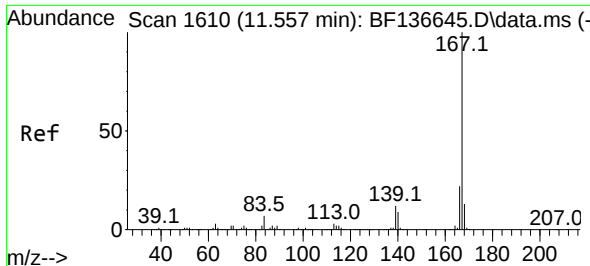
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#72
Anthracene
Concen: 40.454 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

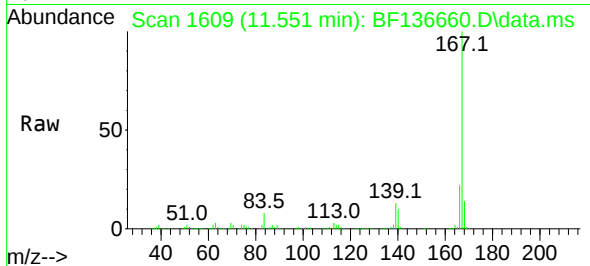
Tgt Ion:178 Resp: 588095
Ion Ratio Lower Upper
178 100
176 18.3 14.9 22.3
179 14.9 11.8 17.6





#73
 Carbazole
 Concen: 40.854 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF136660.D
 Acq: 21 Dec 2023 09:22

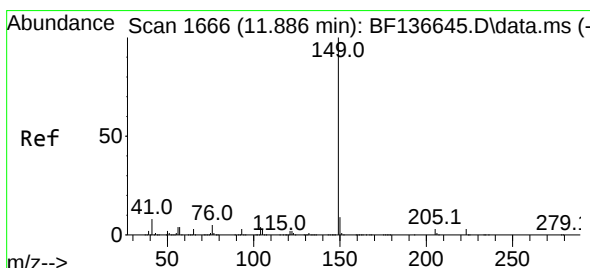
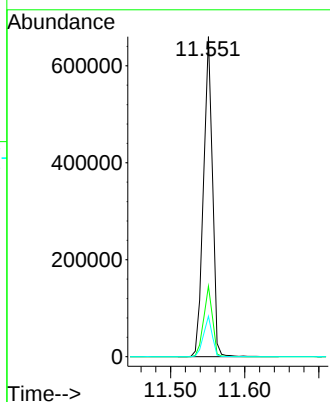
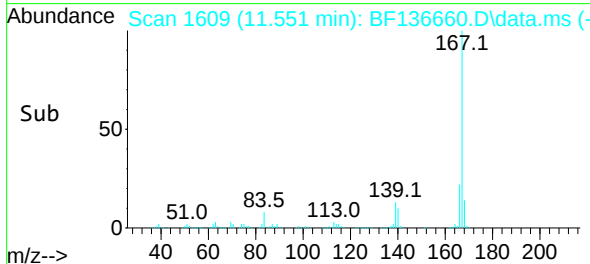
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



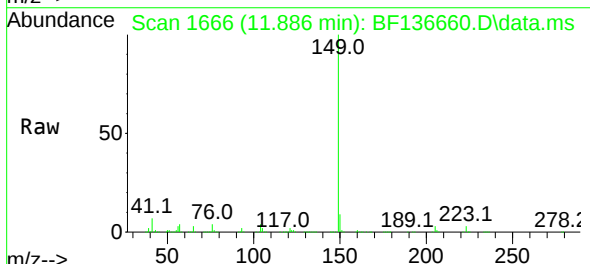
Tgt Ion:167 Resp: 559949
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.3 25.9
 139 12.7 9.8 14.6

Manual Integrations
 APPROVED

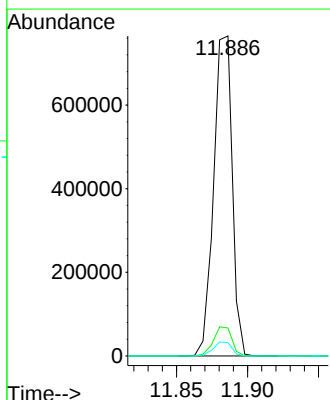
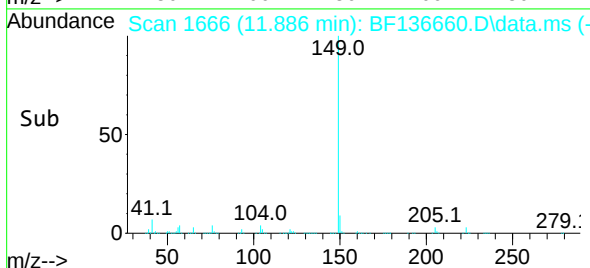
Reviewed By :Yogesh Patel 12/22/2023
 Supervised By :mohammad ahmed 12/22/2023



#74
 Di-n-butylphthalate
 Concen: 41.678 ng
 RT: 11.886 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: BF136660.D
 Acq: 21 Dec 2023 09:22



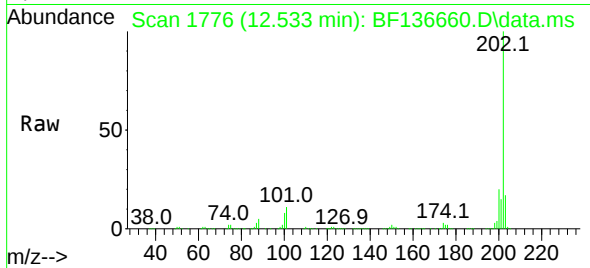
Tgt Ion:149 Resp: 697047
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.4 11.2
 104 4.2 3.6 5.4





#75
Fluoranthene
Concen: 40.739 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

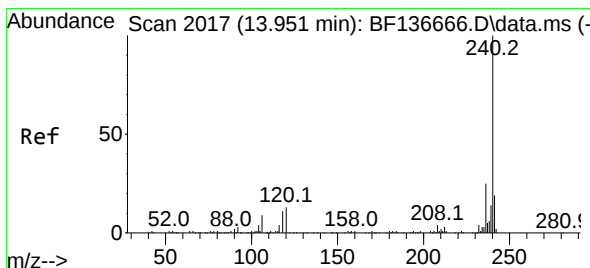
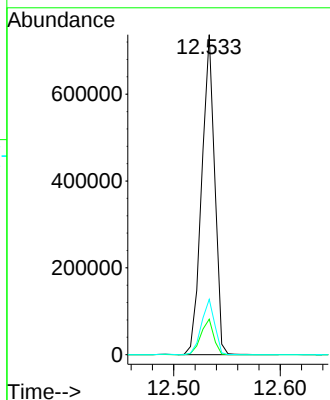
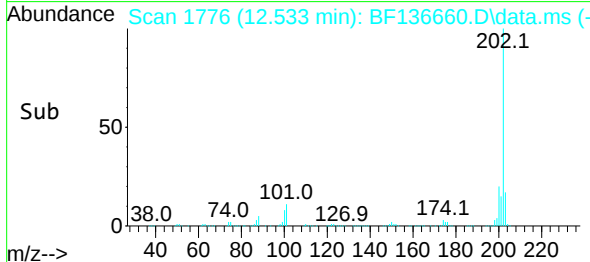
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



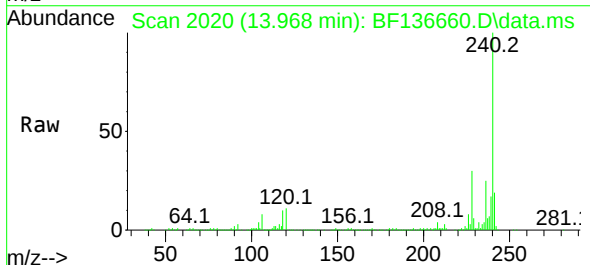
Tgt Ion:202 Resp: 625520
Ion Ratio Lower Upper
202 100
101 11.1 0.0 29.3
203 17.3 0.0 37.1

Manual Integrations
APPROVED

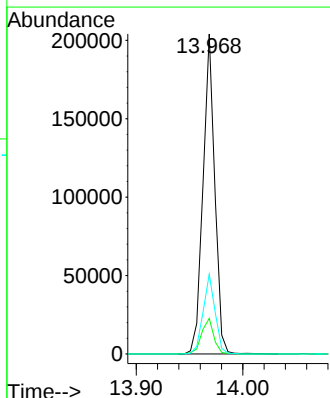
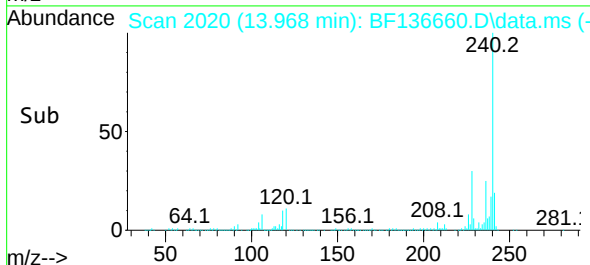
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

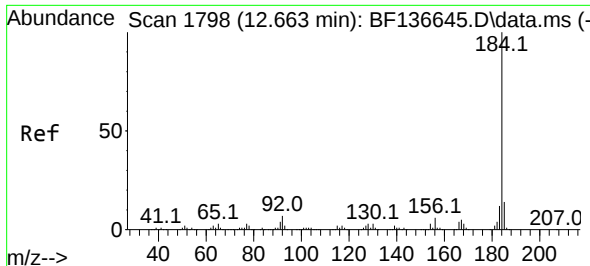


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22



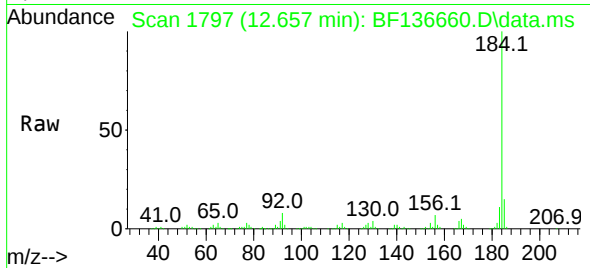
Tgt Ion:240 Resp: 157374
Ion Ratio Lower Upper
240 100
120 11.1 10.3 15.5
236 24.9 19.4 29.2





#77
Benzidine
Concen: 41.942 ng
RT: 12.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

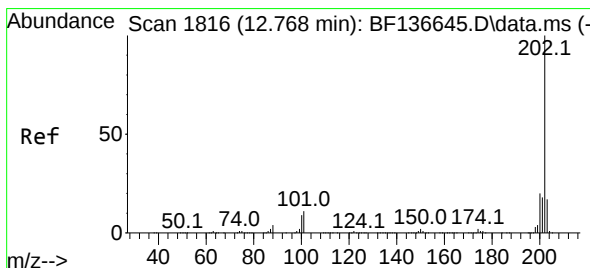
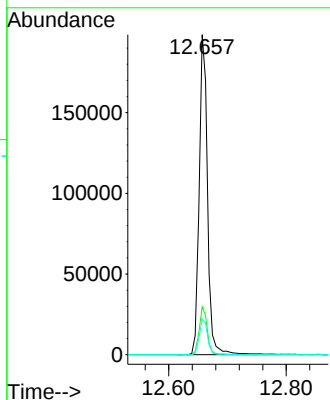
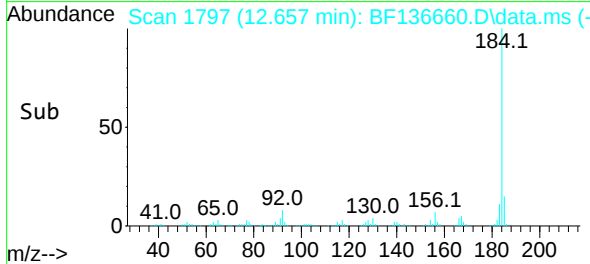
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



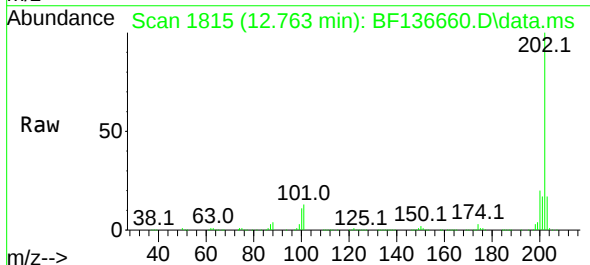
Tgt Ion:184 Resp: 19462
Ion Ratio Lower Upper
184 100
185 15.0 11.2 16.8
183 11.1 9.3 13.9

Manual Integrations
APPROVED

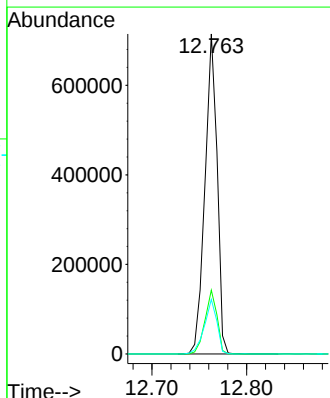
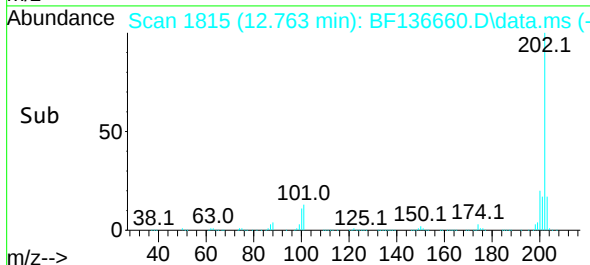
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

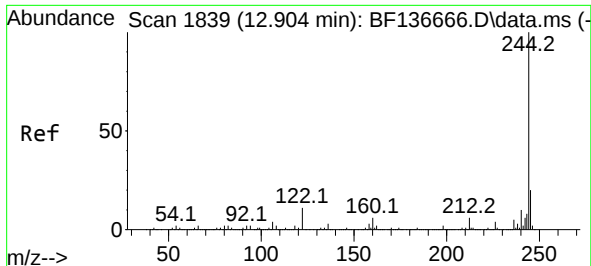


#78
Pyrene
Concen: 41.087 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22



Tgt Ion:202 Resp: 634755
Ion Ratio Lower Upper
202 100
200 20.0 15.9 23.9
203 17.1 13.8 20.6





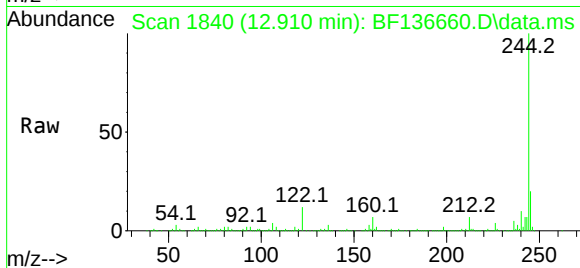
#79
 Terphenyl-d14
 Concen: 80.811 ng
 RT: 12.910 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF136660.D
 Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

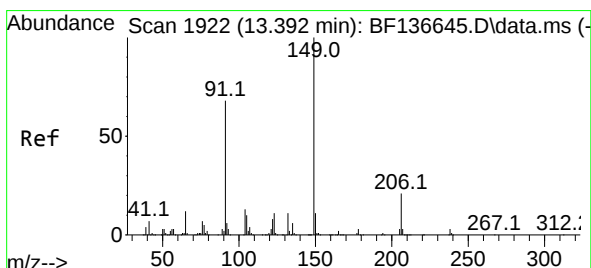
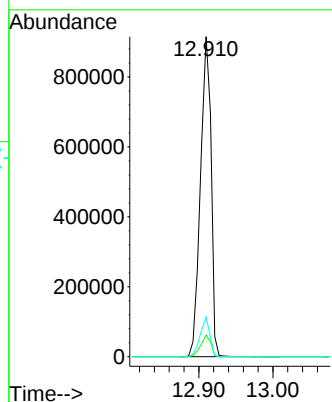
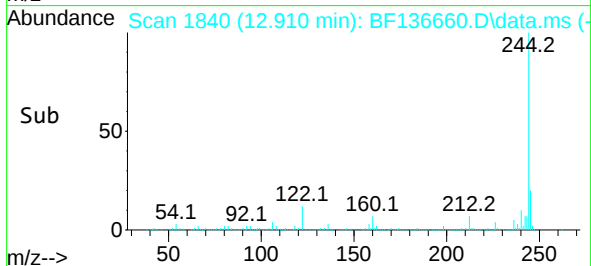


Tgt Ion:244 Resp: 910045
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.0 7.4
 122 12.3 9.0 13.4

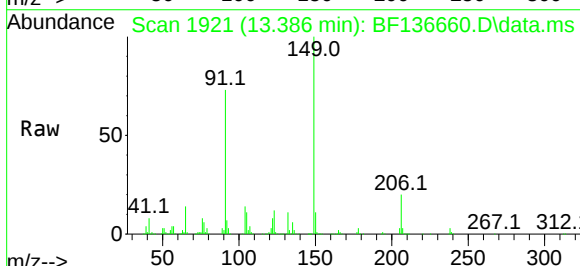
Manual Integrations

APPROVED

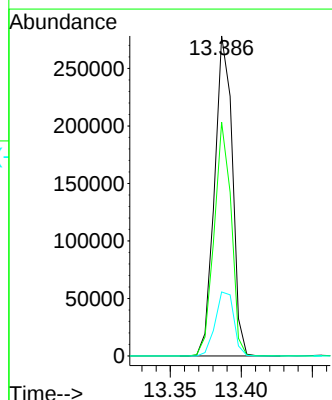
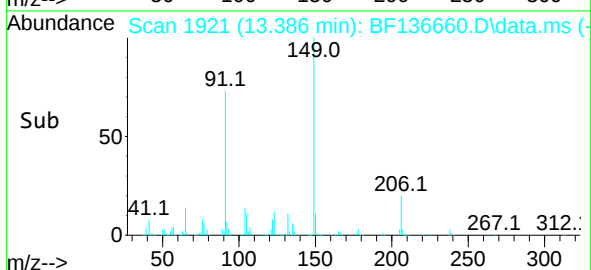
Reviewed By :Yogesh Patel 12/22/2023
 Supervised By :mohammad ahmed 12/22/2023

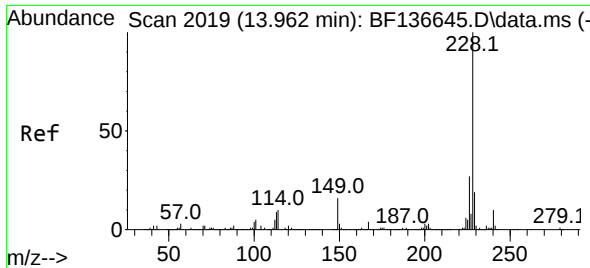


#80
 Butylbenzylphthalate
 Concen: 43.053 ng
 RT: 13.386 min Scan# 1921
 Delta R.T. -0.006 min
 Lab File: BF136660.D
 Acq: 21 Dec 2023 09:22



Tgt Ion:149 Resp: 242019
 Ion Ratio Lower Upper
 149 100
 91 73.0 54.1 81.1
 206 20.0 17.1 25.7





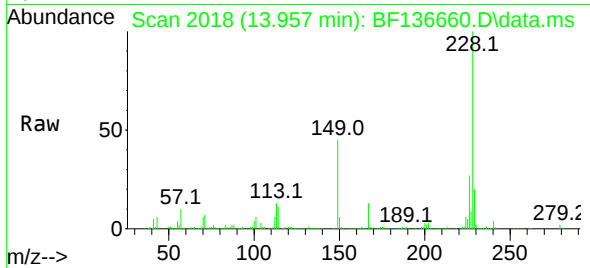
#81
Benzo(a)anthracene
Concen: 40.929 ng
RT: 13.957 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

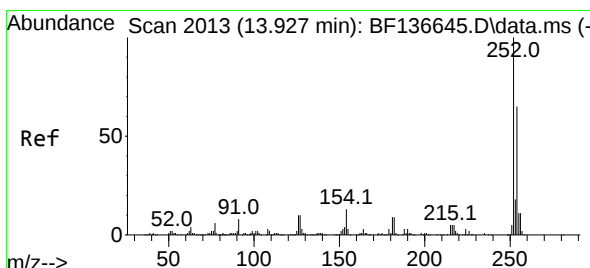
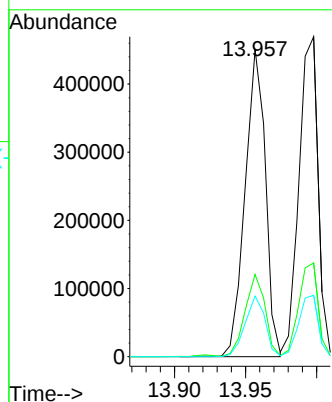
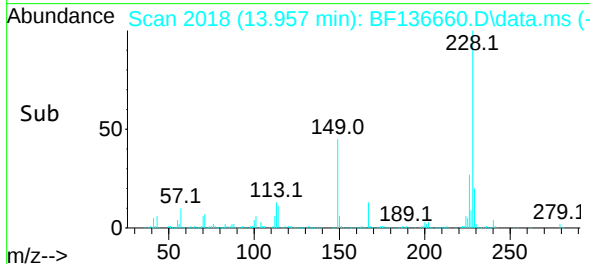


Tgt Ion:228 Resp: 44727
Ion Ratio Lower Upper
228 100
226 26.8 21.4 32.0
229 19.7 14.9 22.3

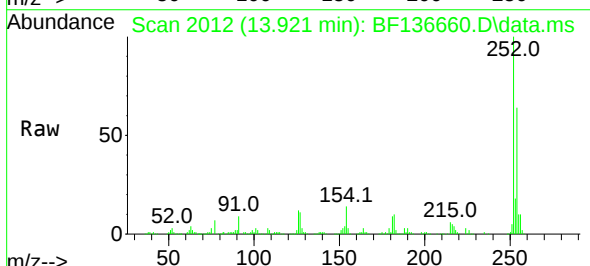
Manual Integrations

APPROVED

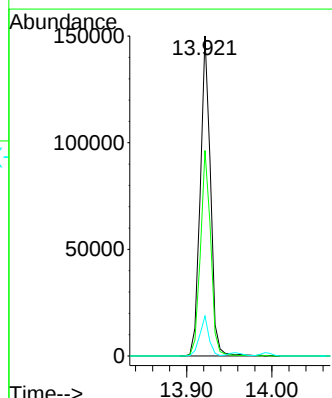
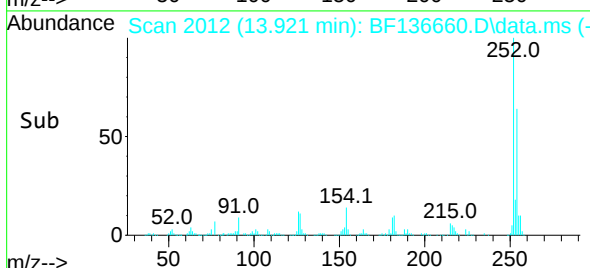
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

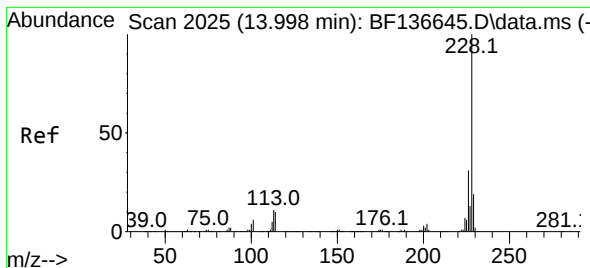


#82
3,3'-Dichlorobenzidine
Concen: 40.228 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22



Tgt Ion:252 Resp: 124844
Ion Ratio Lower Upper
252 100
254 64.2 52.2 78.4
126 12.4 8.0 12.0#





#83

Chrysene

Concen: 41.156 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF136660.D

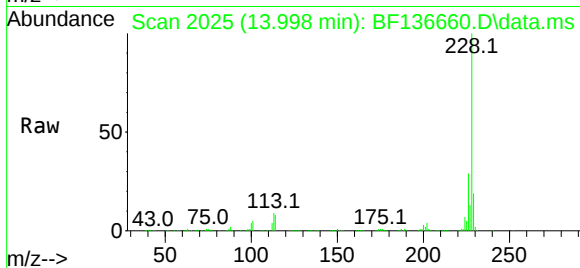
Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:228 Resp: 439802

Ion Ratio Lower Upper

228 100

226 29.3 24.7 37.1

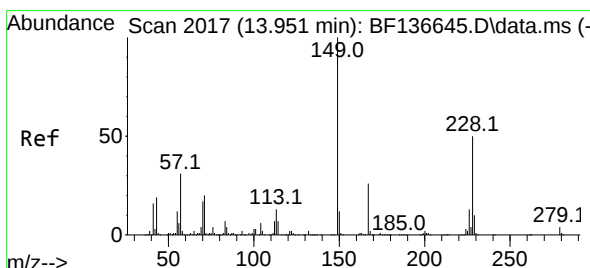
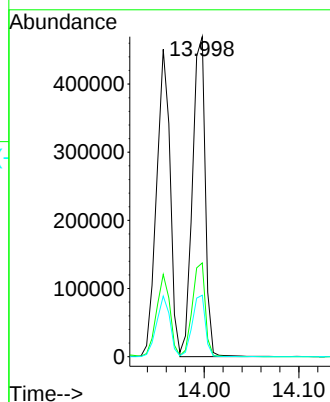
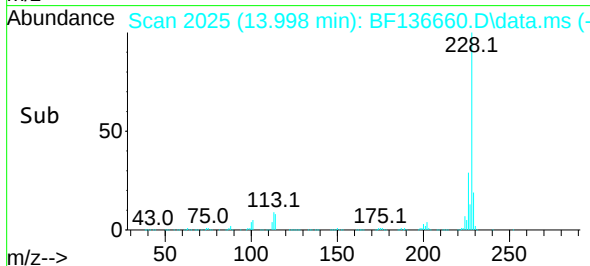
229 19.2 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.759 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

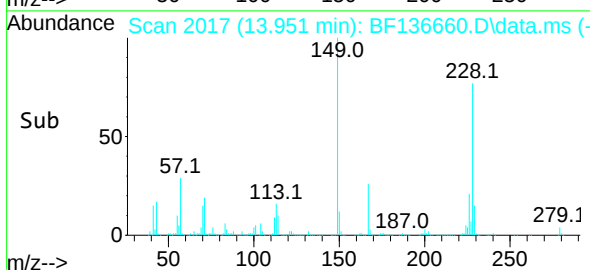
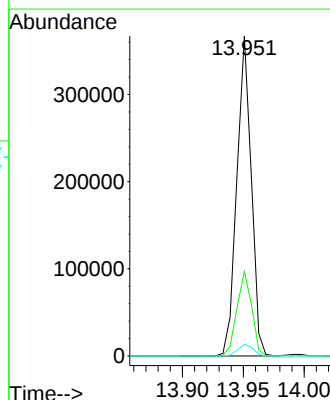
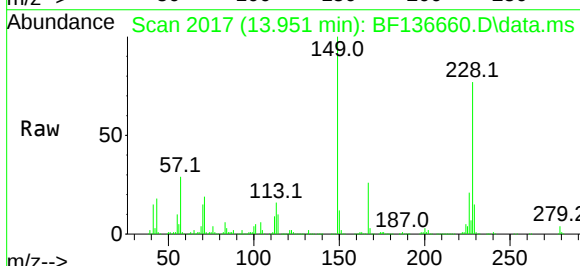
Tgt Ion:149 Resp: 302424

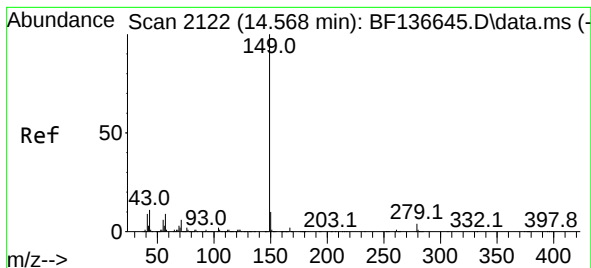
Ion Ratio Lower Upper

149 100

167 26.4 20.9 31.3

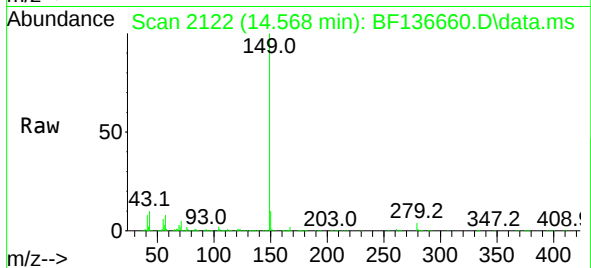
279 3.7 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 41.787 ng
RT: 14.568 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

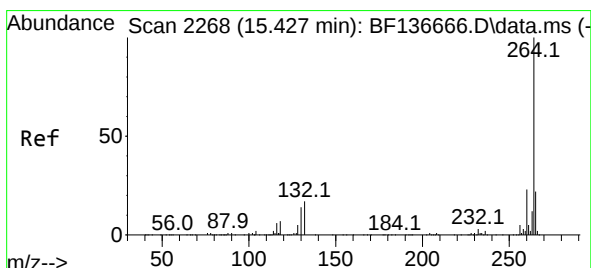
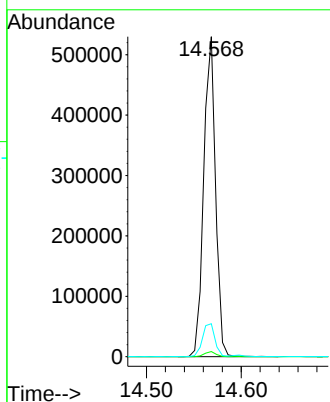
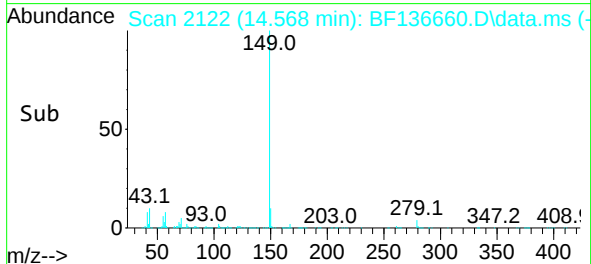
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



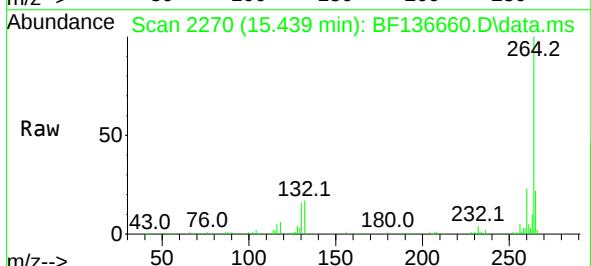
Tgt Ion:149 Resp: 457174
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.1 8.9 13.3

Manual Integrations
APPROVED

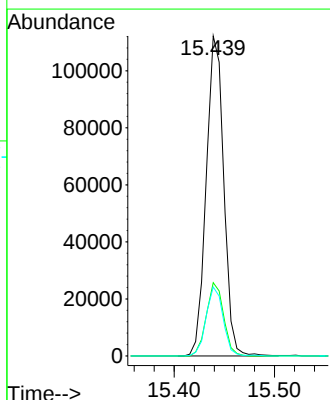
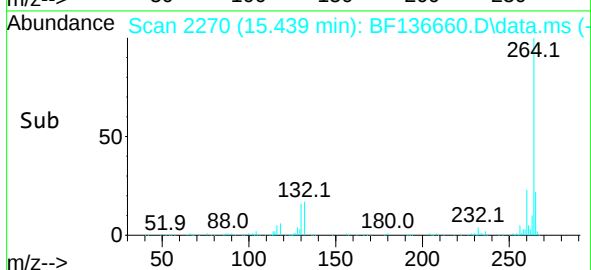
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

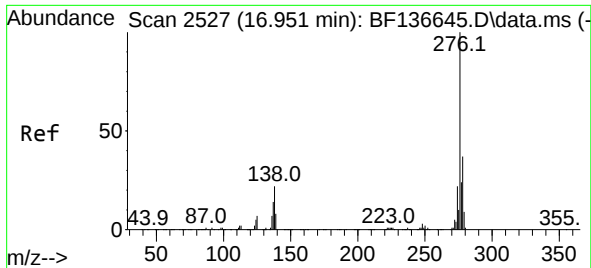


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2270
Delta R.T. -0.006 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22



Tgt Ion:264 Resp: 136757
Ion Ratio Lower Upper
264 100
260 22.9 18.3 27.5
265 21.6 17.0 25.6





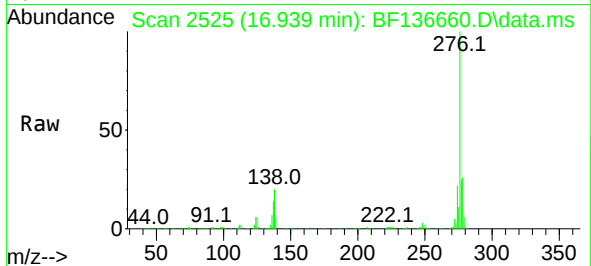
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.071 ng
RT: 16.939 min Scan# 2197
Delta R.T. -0.012 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



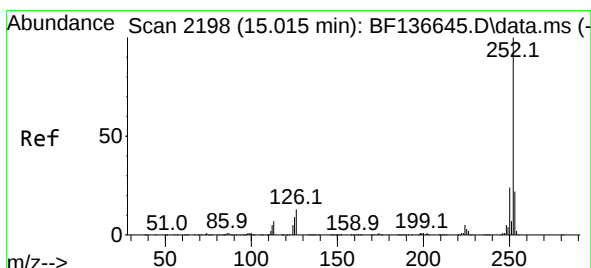
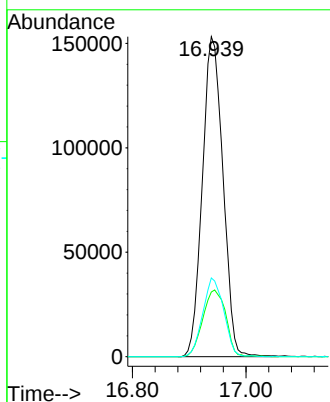
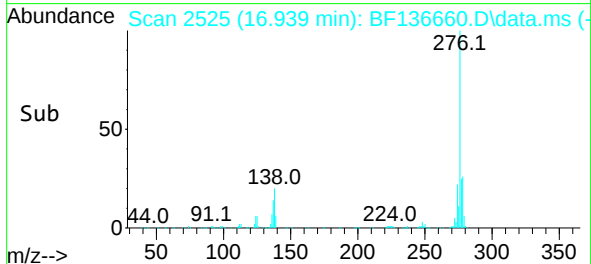
Tgt Ion:276 Resp: 385792
Ion Ratio Lower Upper
276 100
138 23.3 18.7 28.1
277 25.1 20.2 30.2

Manual Integrations

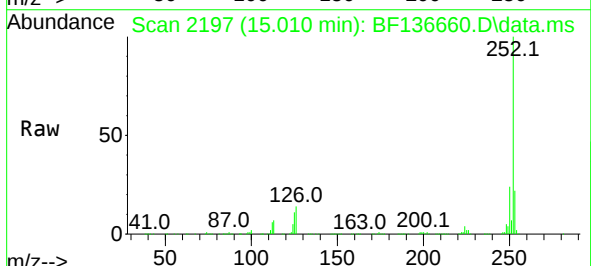
APPROVED

Reviewed By :Yogesh Patel 12/22/2023

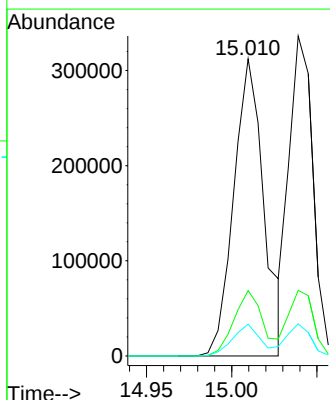
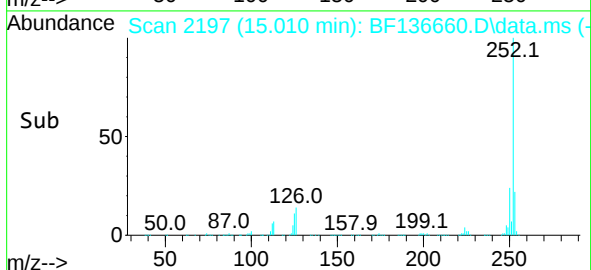
Supervised By :mohammad ahmed 12/22/2023

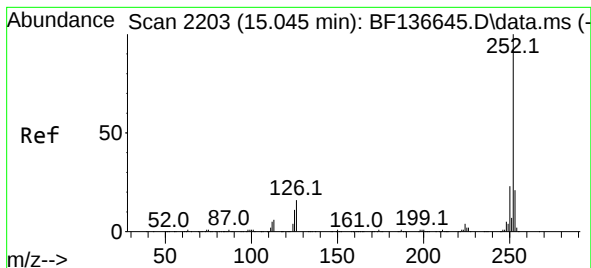


#88
Benzo(b)fluoranthene
Concen: 42.054 ng
RT: 15.010 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22



Tgt Ion:252 Resp: 384129
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 10.7 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 38.435 ng

RT: 15.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 331729

Ion Ratio Lower Upper

252 100

253 20.5 17.0 25.6

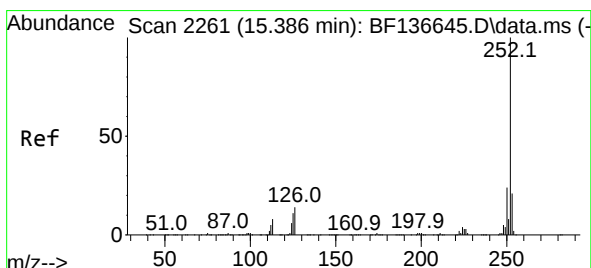
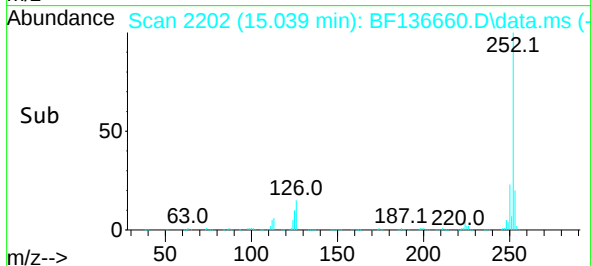
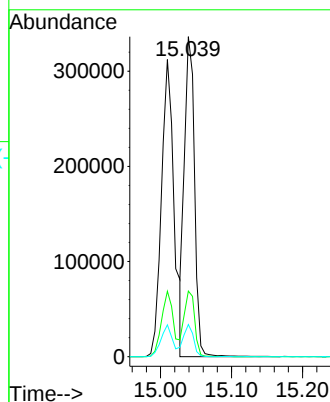
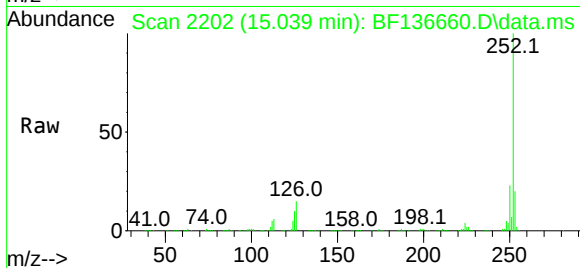
125 10.0 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023



#90

Benzo(a)pyrene

Concen: 40.069 ng

RT: 15.380 min Scan# 2260

Delta R.T. -0.006 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

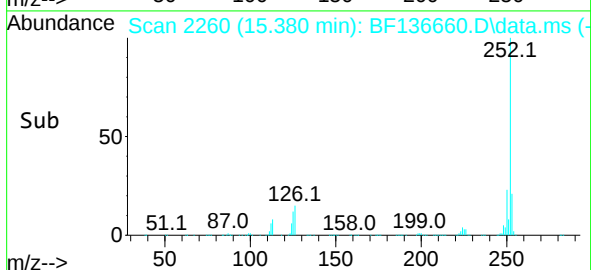
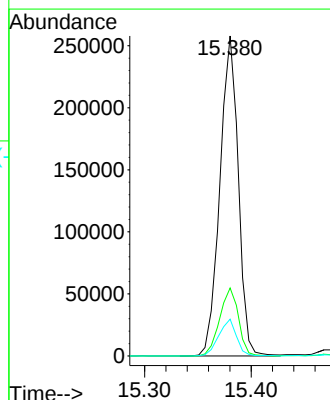
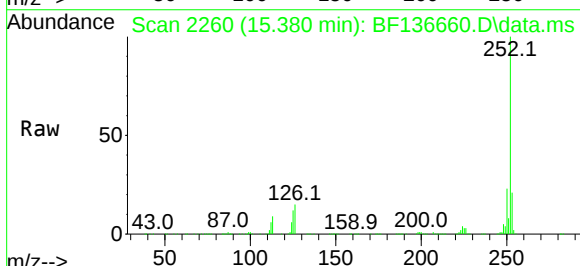
Tgt Ion:252 Resp: 308941

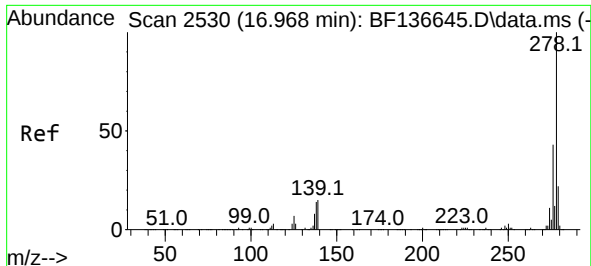
Ion Ratio Lower Upper

252 100

253 21.3 17.0 25.6

125 11.5 8.8 13.2





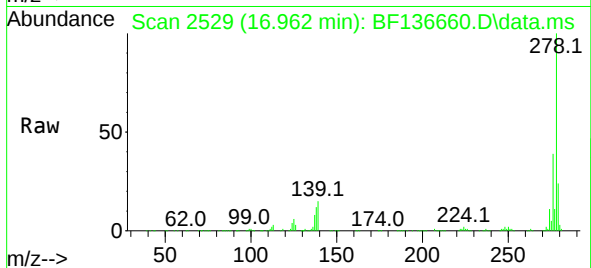
#91
Dibenzo(a,h)anthracene
Concen: 39.510 ng
RT: 16.962 min Scan# 2529
Delta R.T. -0.006 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

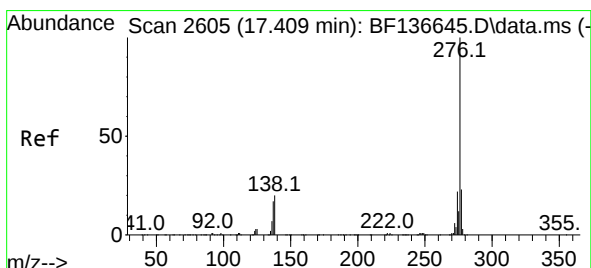
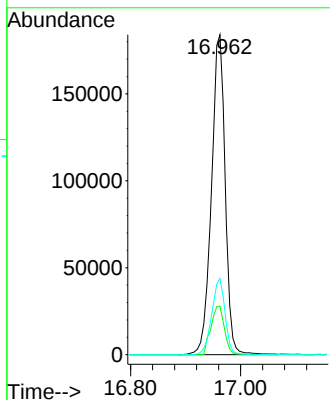
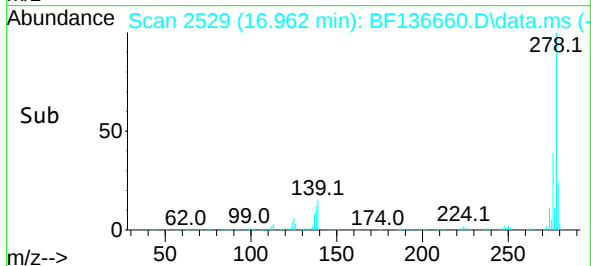


Tgt Ion:278 Resp: 32006
Ion Ratio Lower Upper
278 100
139 15.2 12.2 18.4
279 23.8 17.8 26.6

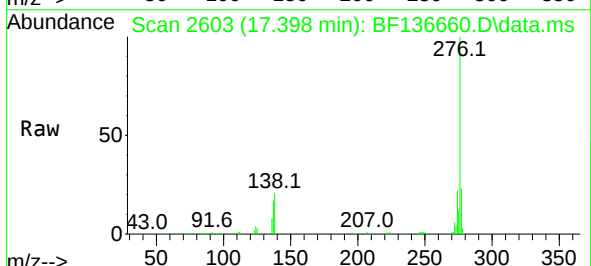
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023



#92
Benzo(g,h,i)perylene
Concen: 38.799 ng
RT: 17.398 min Scan# 2603
Delta R.T. -0.012 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22



Tgt Ion:276 Resp: 321908
Ion Ratio Lower Upper
276 100
277 23.5 18.3 27.5
138 20.6 15.6 23.4

