

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136194.D
 Acq On : 24 Nov 2023 23:32
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/25/2023

Supervised By :mohammad ahmed 11/27/2023

Quant Time: Nov 24 23:52:51 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Nov 24 23:44:28 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	119266	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	507155	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	262838	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	477948	20.000	ng	0.00
76) Chrysene-d12	13.980	240	224867	20.000	ng	0.00
86) Perylene-d12	15.462	264	260969	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	726390	96.975	ng	0.00
7) Phenol-d6	6.445	99	907913	98.502	ng	0.00
23) Nitrobenzene-d5	7.375	82	835296	91.909	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	258573	93.931	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1766687	99.358	ng	0.00
79) Terphenyl-d14	12.927	244	1678947	105.984	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.563	88	136971	45.664	ng	96
3) Pyridine	3.322	79	376798	46.752	ng	97
4) n-Nitrosodimethylamine	3.293	42	180911	48.938	ng	93
6) Aniline	6.475	93	573612	49.101	ng	96
8) 2-Chlorophenol	6.592	128	389239	48.272	ng	95
9) Benzaldehyde	6.363	77	256855	48.201	ng	96
10) Phenol	6.457	94	499187	49.591	ng	98
11) bis(2-Chloroethyl)ether	6.551	93	360068	48.670	ng	97
12) 1,3-Dichlorobenzene	6.751	146	412875	48.541	ng	96
13) 1,4-Dichlorobenzene	6.828	146	421786	49.454	ng	94
14) 1,2-Dichlorobenzene	6.981	146	404583	50.469	ng	94
15) Benzyl Alcohol	6.951	79	343330	49.804	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.087	45	490566	50.757	ng	97
17) 2-Methylphenol	7.057	107	327571	48.689	ng	95
18) Hexachloroethane	7.316	117	145103	46.620	ng	94
19) n-Nitroso-di-n-propyla...	7.222	70	283465	53.276	ng	# 92
20) 3+4-Methylphenols	7.216	107	431259	51.364	ng	91
22) Acetophenone	7.216	105	579712	49.509	ng	# 88
24) Nitrobenzene	7.392	77	410090	46.366	ng	97
25) Isophorone	7.628	82	759129	48.401	ng	95
26) 2-Nitrophenol	7.704	139	173823	40.549	ng	98
27) 2,4-Dimethylphenol	7.739	122	316010	43.887	ng	92
28) bis(2-Chloroethoxy)met...	7.839	93	453097	47.903	ng	# 92
29) 2,4-Dichlorophenol	7.939	162	315617	44.954	ng	96
30) 1,2,4-Trichlorobenzene	8.028	180	358846	45.904	ng	94
31) Naphthalene	8.110	128	1206772	48.304	ng	96
32) Benzoic acid	7.857	122	201023m	38.848	ng	
33) 4-Chloroaniline	8.157	127	481610	46.478	ng	97
34) Hexachlorobutadiene	8.228	225	208448	43.864	ng	97
35) Caprolactam	8.528	113	91783	45.151	ng	# 78
36) 4-Chloro-3-methylphenol	8.639	107	349059	47.353	ng	99
37) 2-Methylnaphthalene	8.798	142	779038	46.508	ng	91
38) 1-Methylnaphthalene	8.898	142	724434	46.614	ng	89
40) 1,2,4,5-Tetrachloroben...	8.963	216	356573	45.266	ng	97
41) Hexachlorocyclopentadiene	8.951	237	177575	43.715	ng	98
43) 2,4,6-Trichlorophenol	9.075	196	221656	44.938	ng	96

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Supervised By :mohammad ahmed 11/27/2023

Quant Time: Nov 24 23:52:51 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Nov 24 23:44:28 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	257900	45.387	ng	97
46) 1,1'-Biphenyl	9.263	154	987505	47.880	ng	96
47) 2-Chloronaphthalene	9.286	162	718442	47.657	ng	96
48) 2-Nitroaniline	9.386	65	209495	45.579	ng	88
49) Acenaphthylene	9.704	152	1136244	48.829	ng	96
50) Dimethylphthalate	9.569	163	857176	48.268	ng	98
51) 2,6-Dinitrotoluene	9.627	165	163606	42.456	ng	92
52) Acenaphthene	9.875	154	718094	46.332	ng	89
53) 3-Nitroaniline	9.798	138	183416	44.641	ng	95
54) 2,4-Dinitrophenol	9.904	184	63874	37.765	ng	# 85
55) Dibenzofuran	10.051	168	1047600	48.616	ng	98
56) 4-Nitrophenol	9.951	139	123236	45.137	ng	93
57) 2,4-Dinitrotoluene	10.033	165	218280	44.599	ng	93
58) Fluorene	10.392	166	798171	48.803	ng	92
59) 2,3,4,6-Tetrachlorophenol	10.169	232	193494	44.929	ng	94
60) Diethylphthalate	10.269	149	842737	47.303	ng	96
61) 4-Chlorophenyl-phenyle...	10.386	204	384876	46.293	ng	96
62) 4-Nitroaniline	10.416	138	171366	45.765	ng	96
63) Azobenzene	10.551	77	793525	50.906	ng	95
65) 4,6-Dinitro-2-methylph...	10.439	198	98229	36.913	ng	94
66) n-Nitrosodiphenylamine	10.510	169	691948	45.633	ng	93
67) 4-Bromophenyl-phenylether	10.880	248	237270	44.574	ng	92
68) Hexachlorobenzene	10.939	284	254649	45.060	ng	94
69) Atrazine	11.039	200	149866	39.013	ng	98
70) Pentachlorophenol	11.133	266	141229	44.682	ng	97
71) Phenanthrene	11.357	178	1170052	47.806	ng	96
72) Anthracene	11.410	178	1202692	48.140	ng	96
73) Carbazole	11.569	167	961076	48.008	ng	97
74) Di-n-butylphthalate	11.904	149	1220756	51.546	ng	# 96
75) Fluoranthene	12.551	202	1067741	47.772	ng	95
77) Benzidine	12.674	184	176381	45.299	ng	97
78) Pyrene	12.780	202	1040355	49.475	ng	95
80) Butylbenzylphthalate	13.410	149	333008	49.700	ng	97
81) Benzo(a)anthracene	13.974	228	731286	49.030	ng	96
82) 3,3'-Dichlorobenzidine	13.939	252	234641	49.004	ng	96
83) Chrysene	14.010	228	704550	48.284	ng	96
84) Bis(2-ethylhexyl)phtha...	13.974	149	429820	53.147	ng	96
85) Di-n-octyl phthalate	14.592	149	691048	51.036	ng	100
87) Indeno(1,2,3-cd)pyrene	16.968	276	838519	43.853	ng	99
88) Benzo(b)fluoranthene	15.027	252	711638	49.391	ng	95
89) Benzo(k)fluoranthene	15.057	252	661482	45.591	ng	97
90) Benzo(a)pyrene	15.398	252	671181	47.229	ng	98
91) Dibenzo(a,h)anthracene	16.992	278	680402	42.936	ng	99
92) Benzo(g,h,i)perylene	17.427	276	671775	41.812	ng	94

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

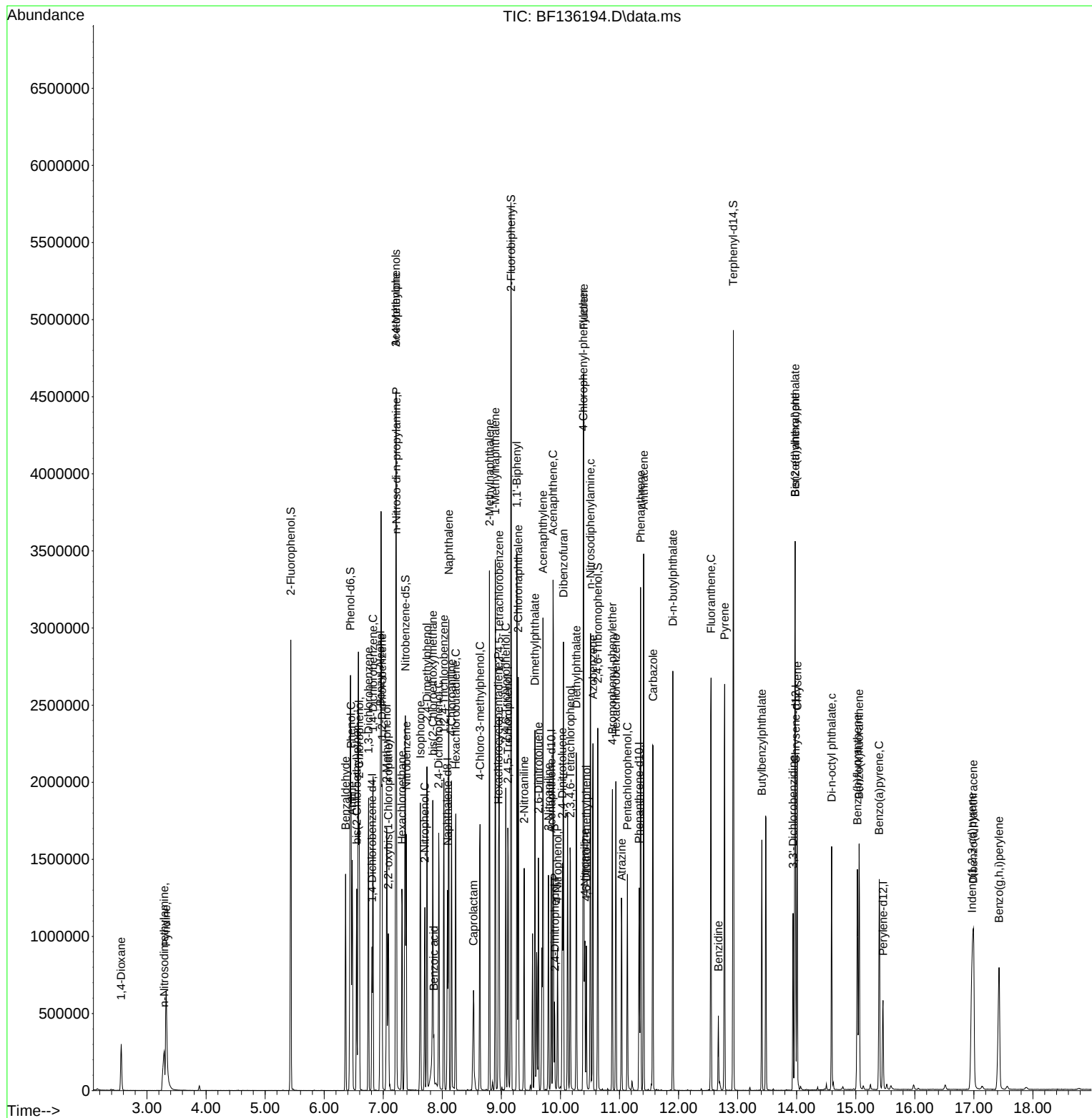
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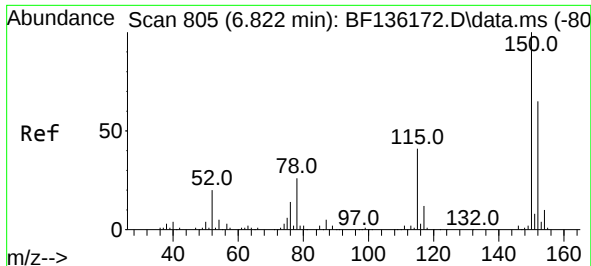
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 Response via : Initial Calibration

Manual Integrations APPROVED

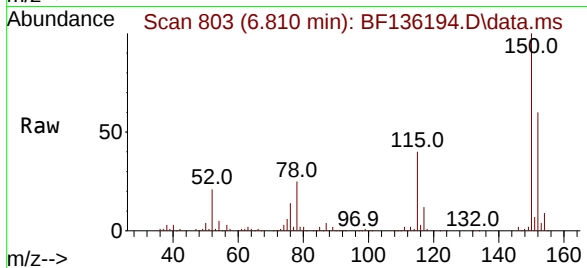
Reviewed By :Yogesh Patel 11/25/2023
 Supervised By :mohammad ahmed 11/27/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

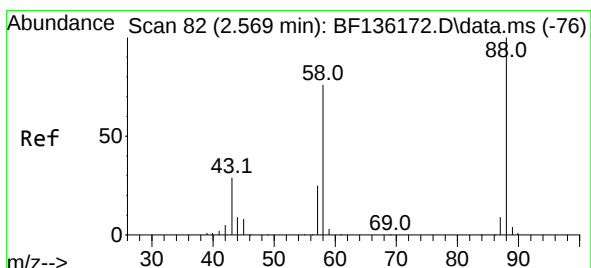
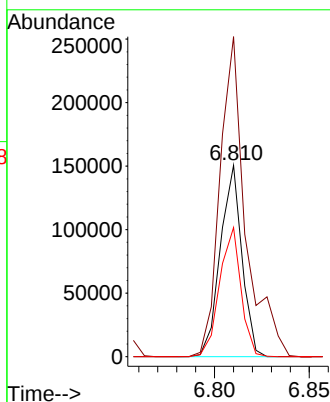
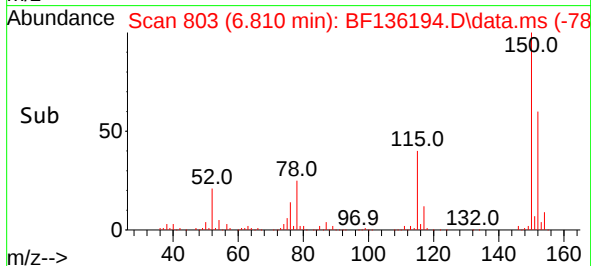
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



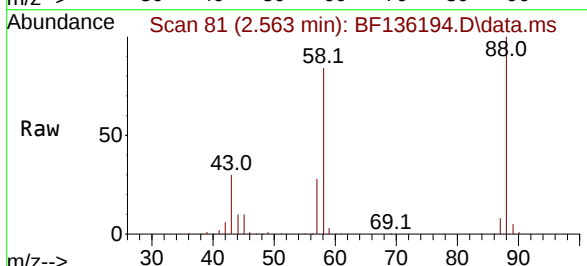
Tgt Ion:152 Resp: 119260
Ion Ratio Lower Upper
152 100
150 167.2 123.1 184.7
115 67.5 50.5 75.7

Manual Integrations
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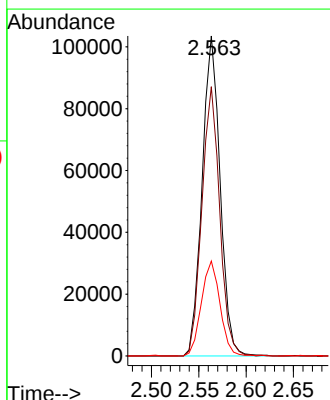
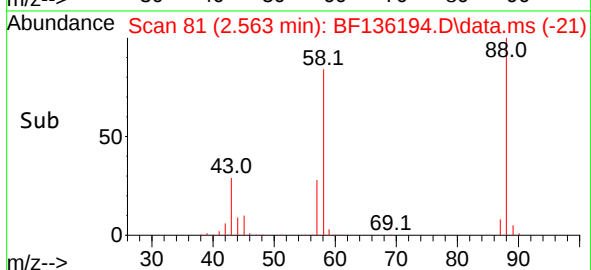
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023

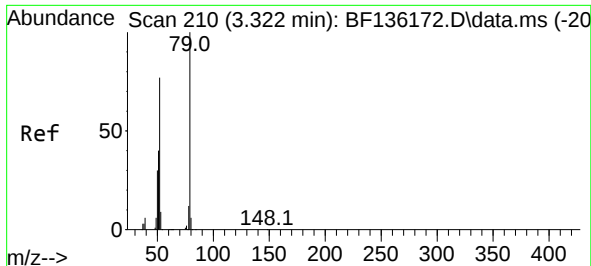


#2
1,4-Dioxane
Concen: 45.664 ng
RT: 2.563 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32



Tgt Ion: 88 Resp: 136971
Ion Ratio Lower Upper
88 100
58 83.3 62.8 94.2
43 30.7 23.9 35.9





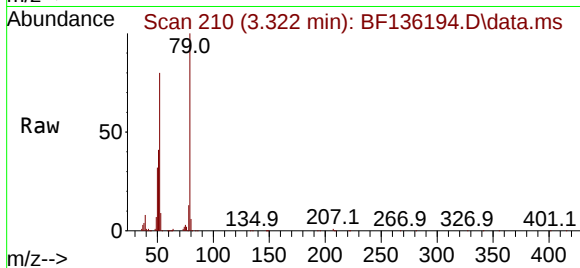
#3
Pyridine
Concen: 46.752 ng
RT: 3.322 min Scan# 210
Delta R.T. -0.000 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



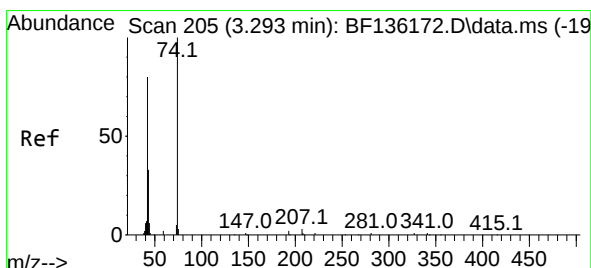
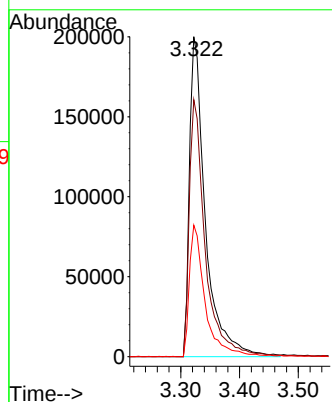
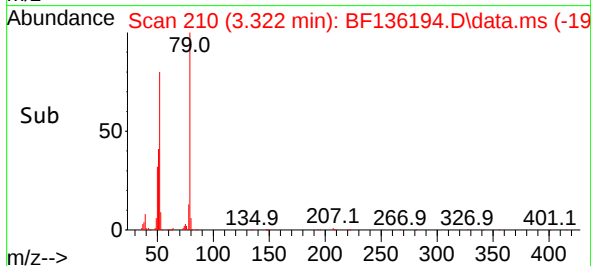
Tgt Ion: 79 Resp: 376798
Ion Ratio Lower Upper
79 100
52 80.3 61.8 92.6
51 41.1 31.6 47.4

Manual Integrations

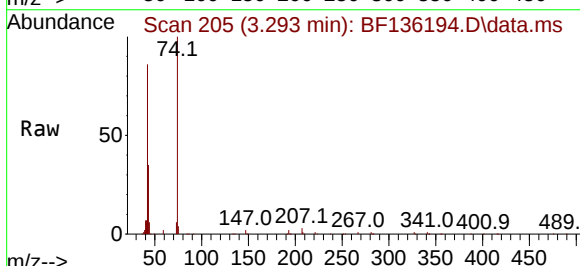
APPROVED

Reviewed By :Yogesh Patel 11/25/2023

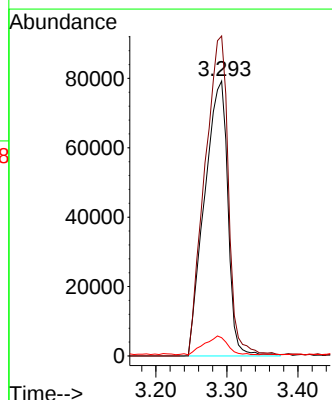
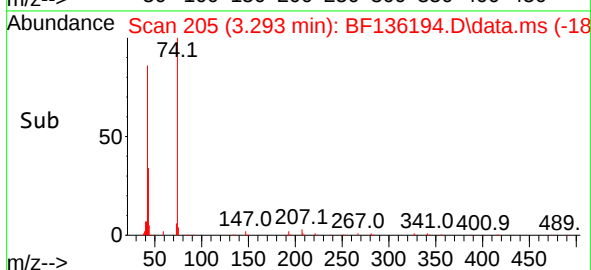
Supervised By :mohammad ahmed 11/27/2023

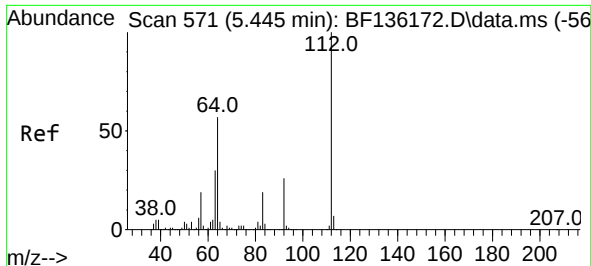


#4
n-Nitrosodimethylamine
Concen: 48.938 ng
RT: 3.293 min Scan# 205
Delta R.T. 0.011 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32



Tgt Ion: 42 Resp: 180911
Ion Ratio Lower Upper
42 100
74 116.4 100.2 150.2
44 6.6 5.6 8.4





#5
2-Fluorophenol
Concen: 96.975 ng
RT: 5.434 min Scan# 50
Delta R.T. -0.000 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

Instrument :

BNA_F

ClientSampleId :

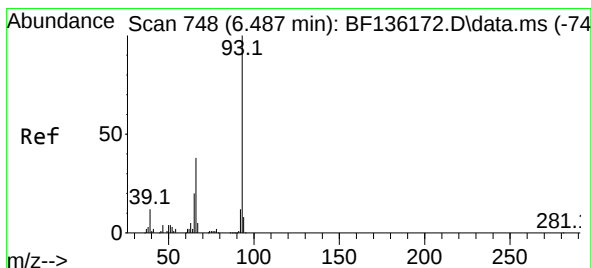
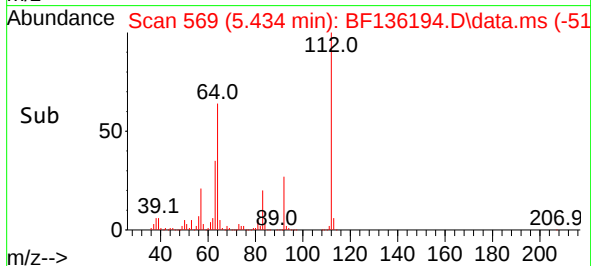
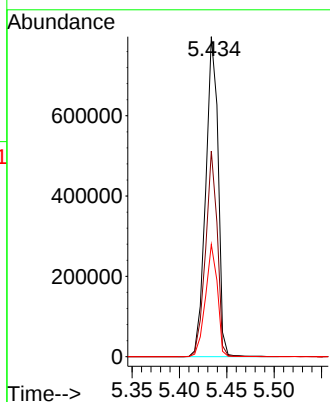
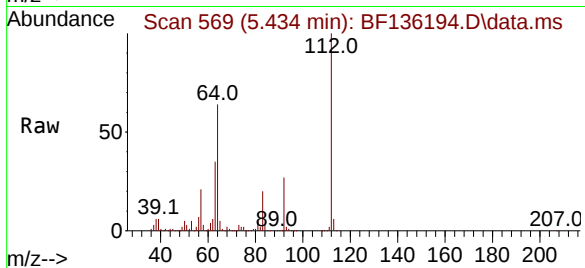
SSTDCCC040

Tgt Ion:112 Resp: 726390
Ion Ratio Lower Upper
112 100
64 64.3 45.4 68.0
63 35.1 24.4 36.6

Manual Integrations

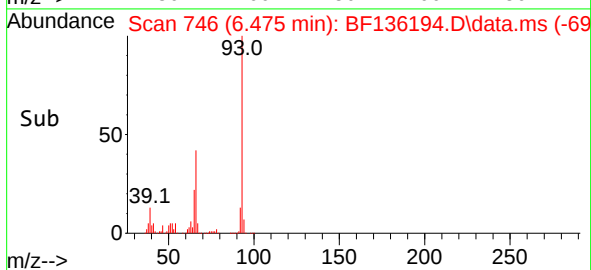
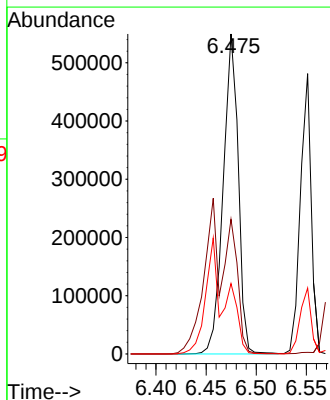
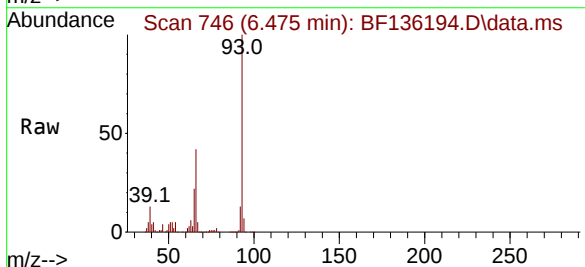
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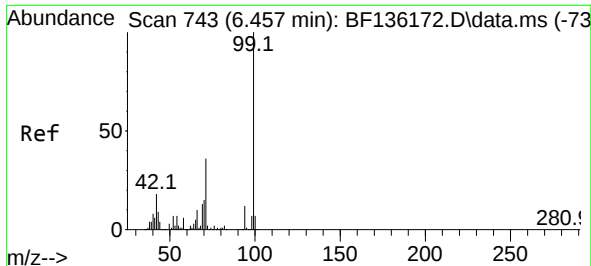
Reviewed By :Yogesh Patel 11/25/2023
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#6
Aniline
Concen: 49.101 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.000 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

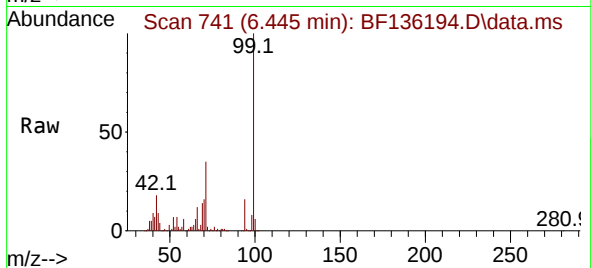
Tgt Ion: 93 Resp: 573612
Ion Ratio Lower Upper
93 100
66 42.1 31.7 47.5
65 22.0 16.1 24.1





#7
Phenol-d6
Concen: 98.502 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

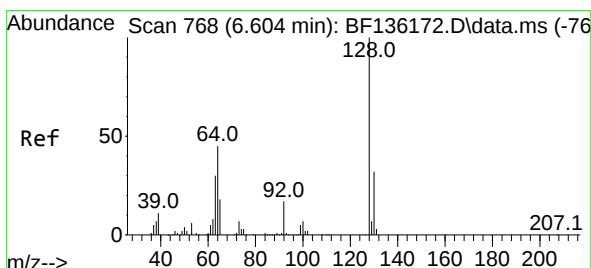
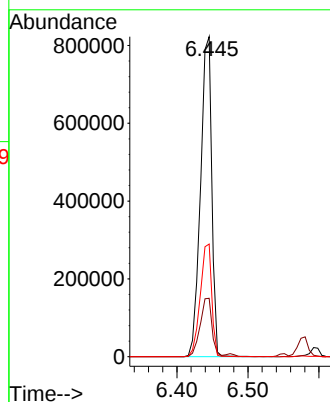
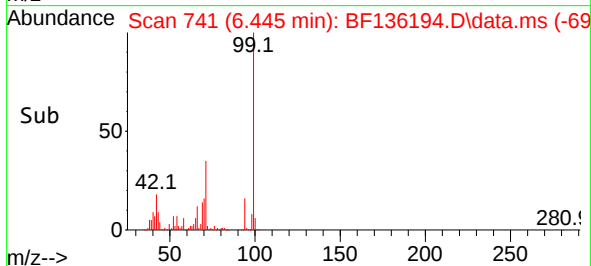
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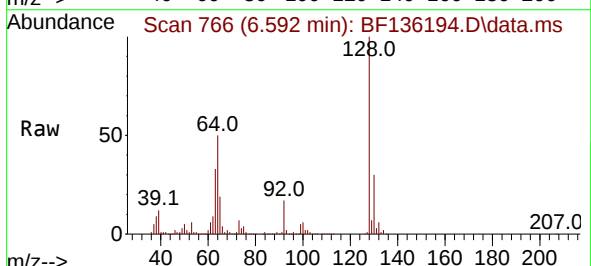
Tgt Ion: 99 Resp: 907911
Ion Ratio Lower Upper
99 100
42 18.2 14.1 21.1
71 35.2 29.0 43.4

Manual Integrations
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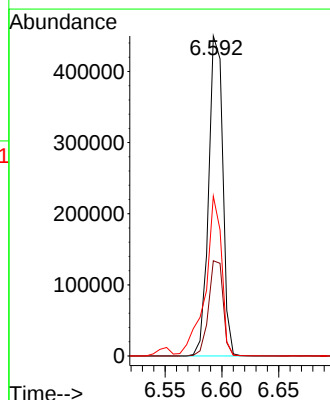
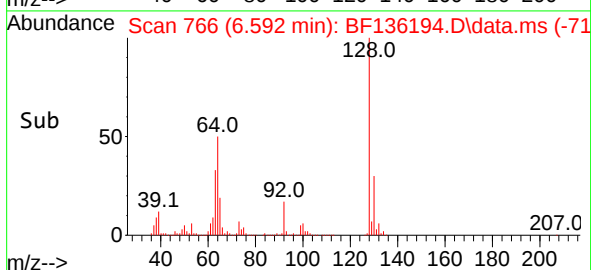
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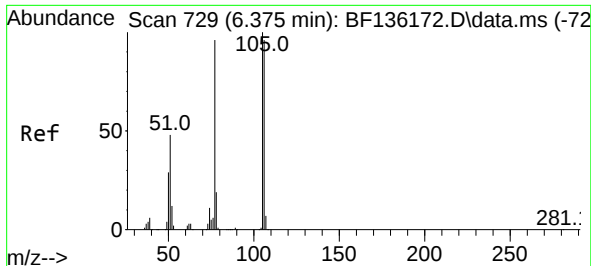


#8
2-Chlorophenol
Concen: 48.272 ng
RT: 6.592 min Scan# 766
Delta R.T. -0.006 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32



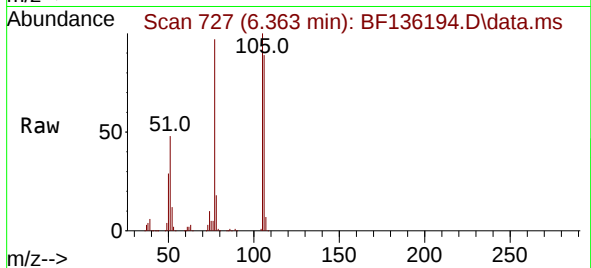
Tgt Ion:128 Resp: 389239
Ion Ratio Lower Upper
128 100
130 29.7 12.2 52.2
64 49.9 26.5 66.5





#9
Benzaldehyde
Concen: 48.201 ng
RT: 6.363 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

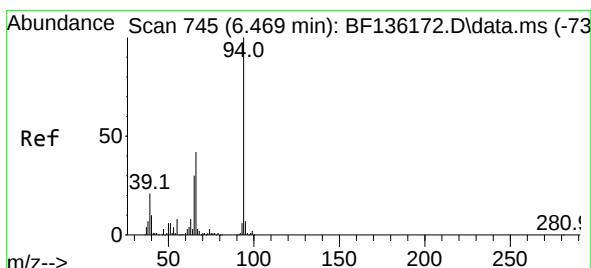
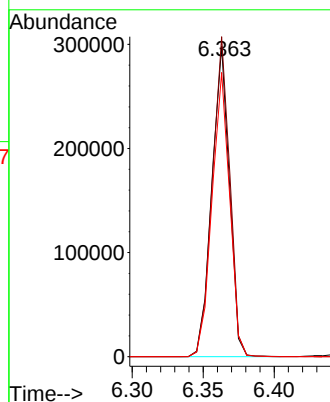
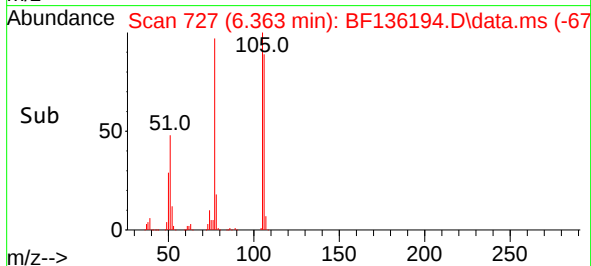
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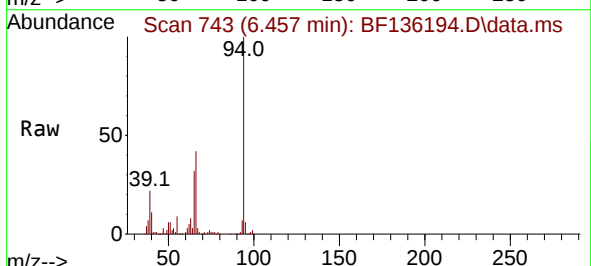
Tgt Ion: 77 Resp: 25685
Ion Ratio Lower Upper
77 100
105 103.0 83.8 123.8
106 91.5 79.8 119.8

Manual Integrations
APPROVED

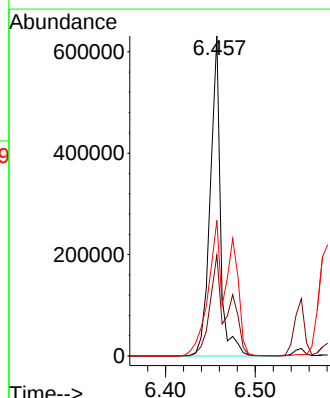
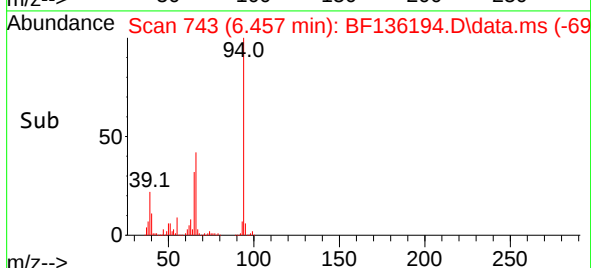
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023

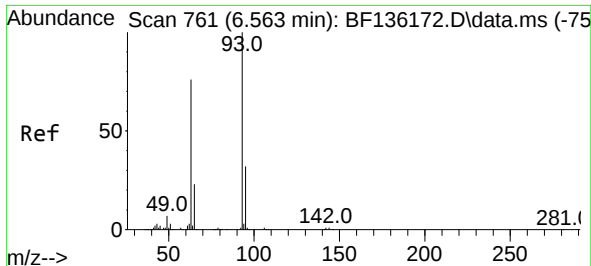


#10
Phenol
Concen: 49.591 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32



Tgt Ion: 94 Resp: 499187
Ion Ratio Lower Upper
94 100
65 31.6 9.7 49.7
66 42.4 22.5 62.5





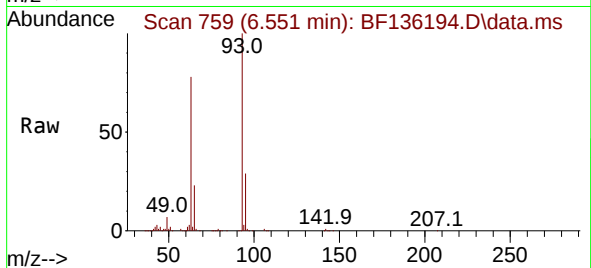
#11
bis(2-Chloroethyl)ether
Concen: 48.670 ng
RT: 6.551 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

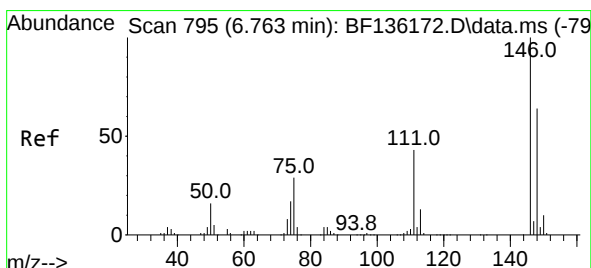
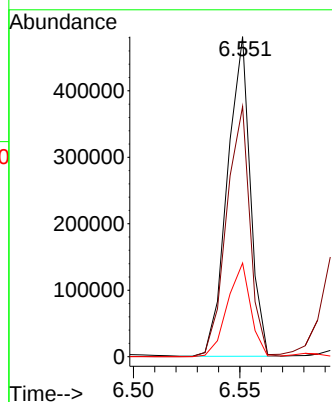
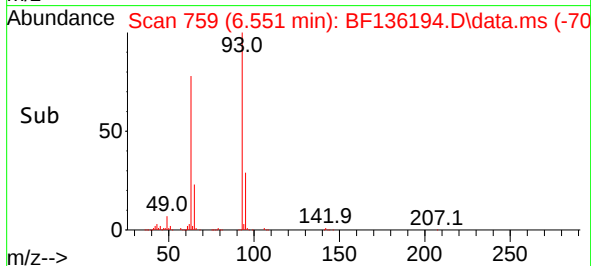


Tgt Ion: 93 Resp: 360068
Ion Ratio Lower Upper
93 100
63 78.2 56.3 96.3
95 29.3 12.1 52.1

Manual Integrations

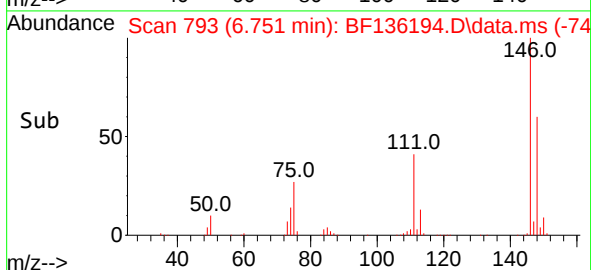
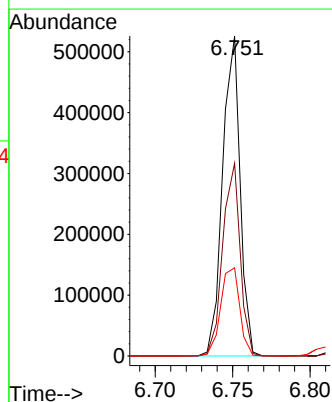
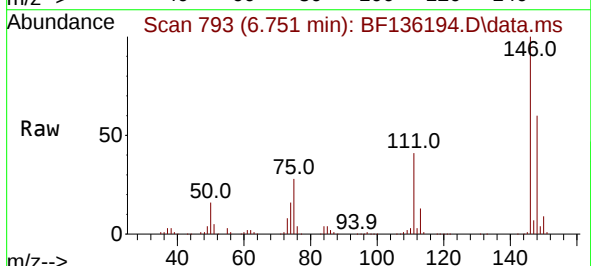
APPROVED

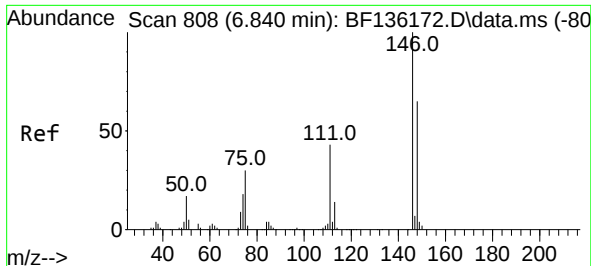
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023



#12
1,3-Dichlorobenzene
Concen: 48.541 ng
RT: 6.751 min Scan# 793
Delta R.T. -0.000 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

Tgt Ion:146 Resp: 412875
Ion Ratio Lower Upper
146 100
148 60.2 51.2 76.8
75 27.5 23.4 35.2





#13

1,4-Dichlorobenzene

Concen: 49.454 ng

RT: 6.828 min Scan# 808

Delta R.T. -0.000 min

Lab File: BF136194.D

Acq: 24 Nov 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 421780

Ion Ratio Lower Upper

146 100

148 59.0 51.8 77.8

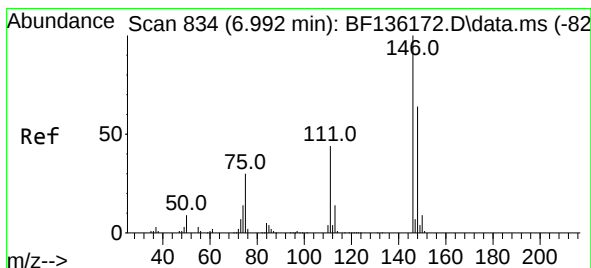
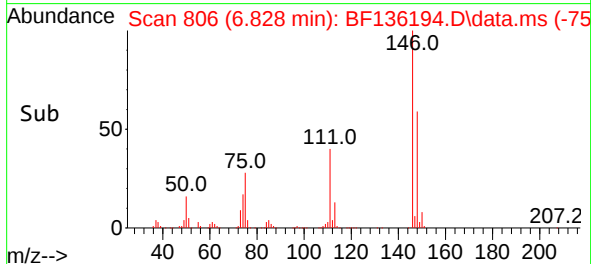
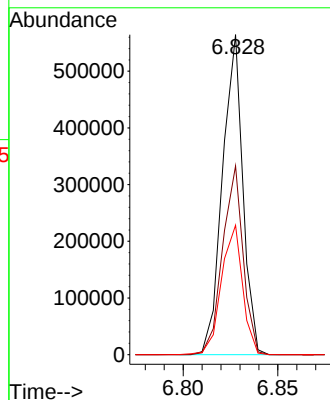
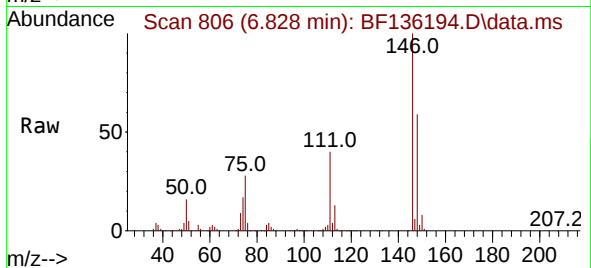
111 40.5 34.3 51.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/25/2023

Supervised By :mohammad ahmed 11/27/2023



#14

1,2-Dichlorobenzene

Concen: 50.469 ng

RT: 6.981 min Scan# 832

Delta R.T. -0.000 min

Lab File: BF136194.D

Acq: 24 Nov 2023 23:32

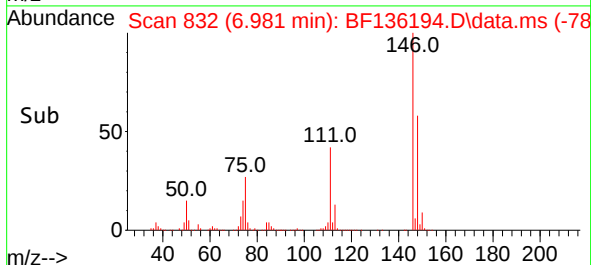
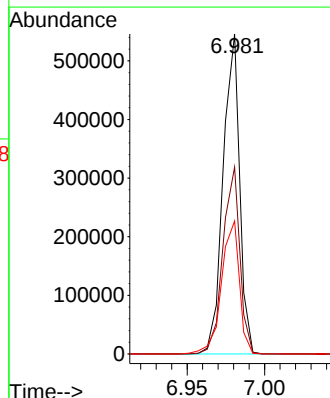
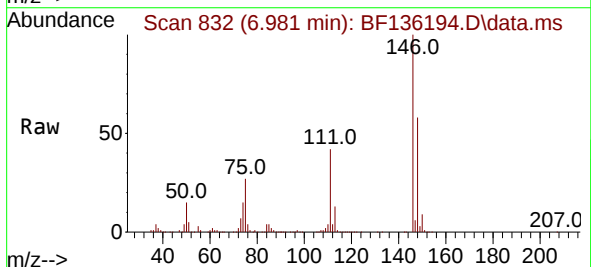
Tgt Ion:146 Resp: 404583

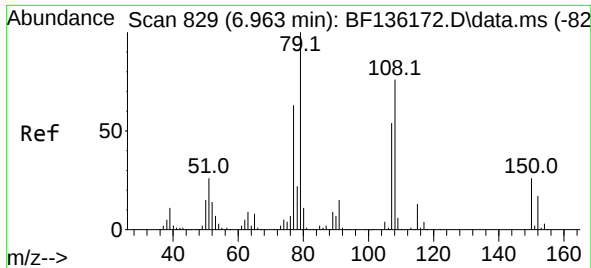
Ion Ratio Lower Upper

146 100

148 58.4 51.4 77.2

111 41.6 35.0 52.4





#15
Benzyl Alcohol
Concen: 49.804 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

Instrument :

BNA_F

ClientSampleId :

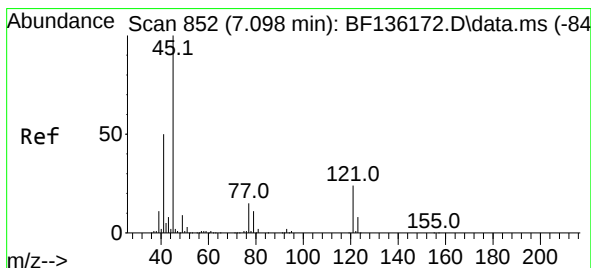
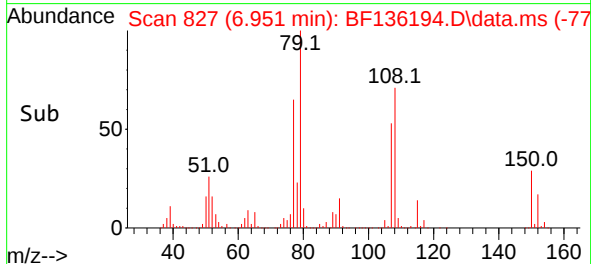
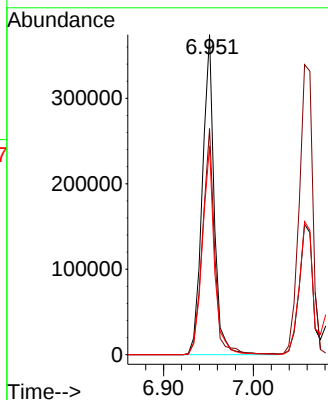
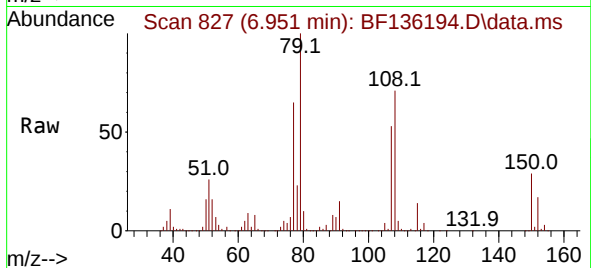
SSTDCCC040

Tgt Ion: 79 Resp: 343330
Ion Ratio Lower Upper
79 100
108 70.6 60.6 90.8
77 65.3 50.3 75.5

Manual Integrations

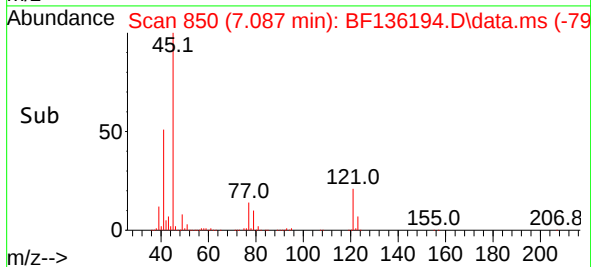
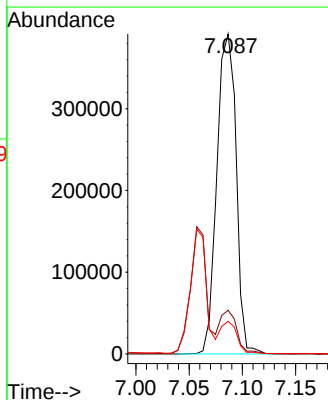
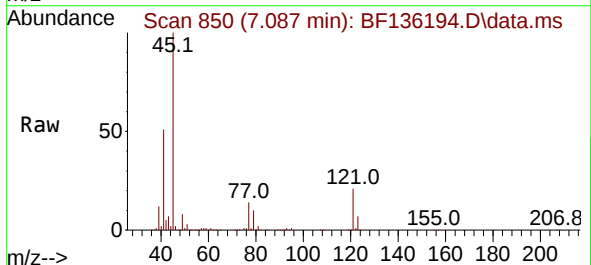
APPROVED

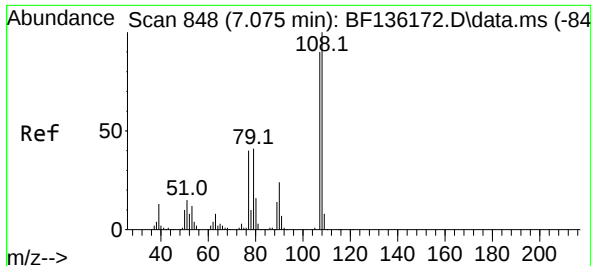
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.757 ng
RT: 7.087 min Scan# 850
Delta R.T. -0.000 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

Tgt Ion: 45 Resp: 490566
Ion Ratio Lower Upper
45 100
77 13.7 0.0 35.2
79 10.2 0.0 31.2





#17

2-Methylphenol

Concen: 48.689 ng

RT: 7.057 min Scan# 848

Delta R.T. -0.006 min

Lab File: BF136194.D

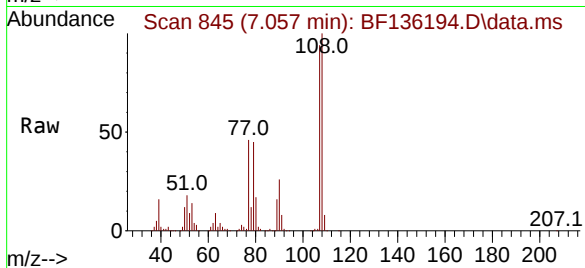
Acq: 24 Nov 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:107 Resp: 32757

Ion Ratio Lower Upper

107 100

108 106.3 89.4 134.2

77 48.8 35.9 53.9

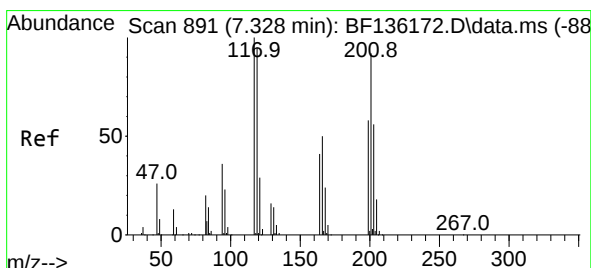
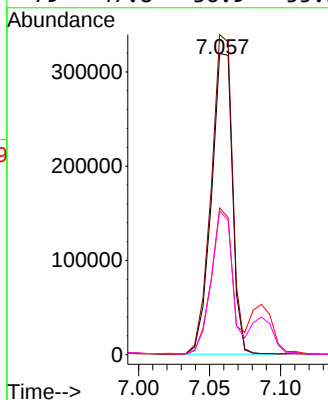
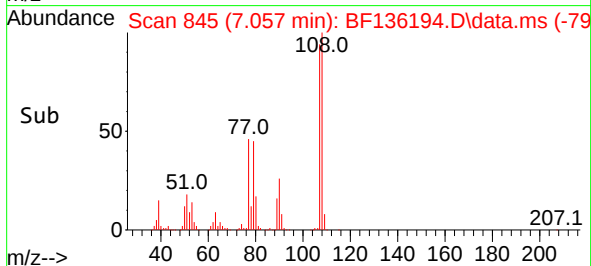
79 47.8 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/25/2023

Supervised By :mohammad ahmed 11/27/2023



#18

Hexachloroethane

Concen: 46.620 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.006 min

Lab File: BF136194.D

Acq: 24 Nov 2023 23:32

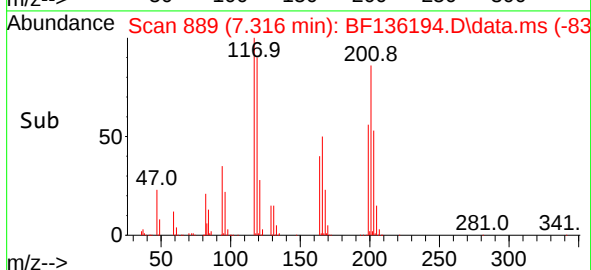
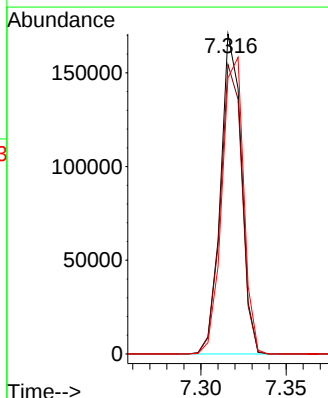
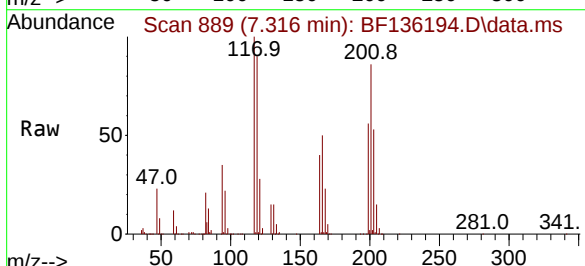
Tgt Ion:117 Resp: 145103

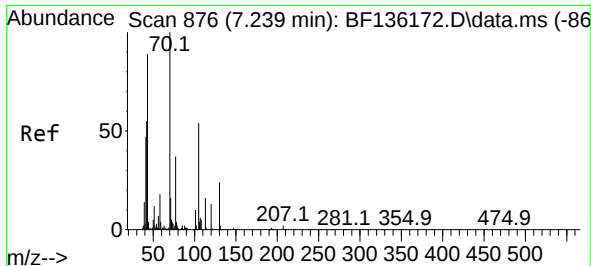
Ion Ratio Lower Upper

117 100

119 90.4 76.2 114.4

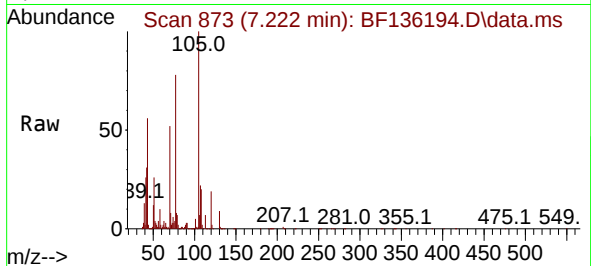
201 86.2 73.7 110.5





#19
n-Nitroso-di-n-propylamine
Concen: 53.276 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

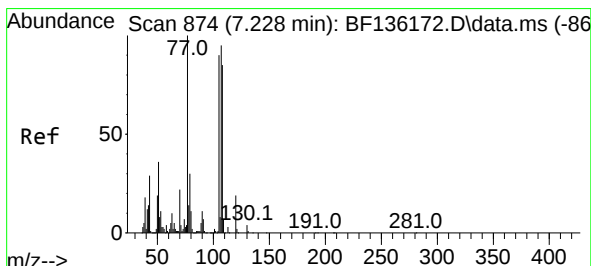
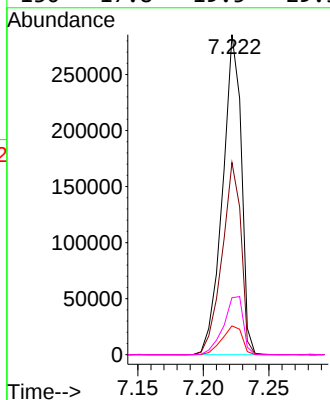
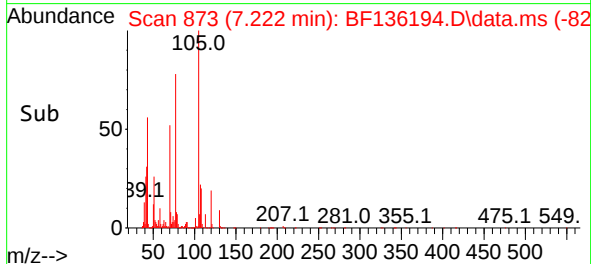
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



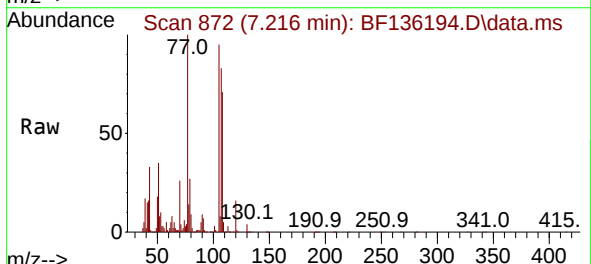
Tgt Ion: 70 Resp: 28346
Ion Ratio Lower Upper
70 100
42 60.1 43.9 65.9
101 9.0 8.1 12.1
130 17.8 19.5 29.3#

Manual Integrations
APPROVED

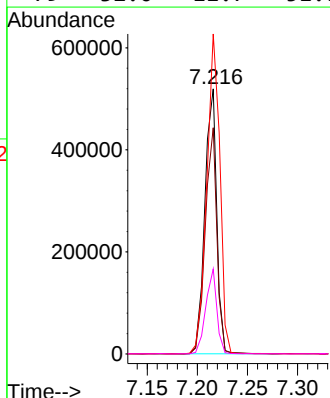
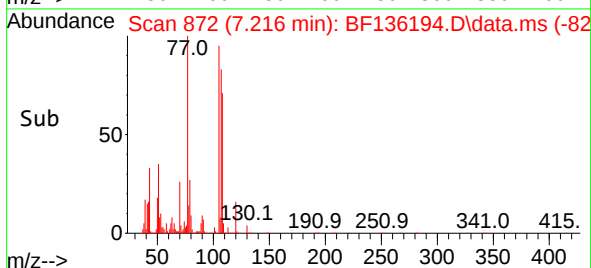
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023

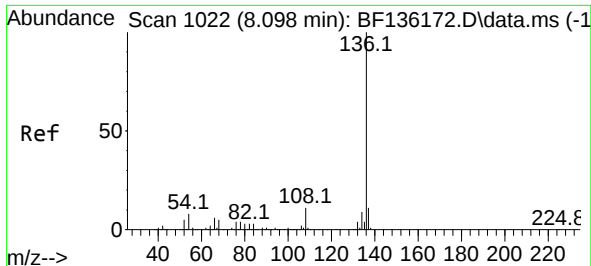


#20
3+4-Methylphenols
Concen: 51.364 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32



Tgt Ion:107 Resp: 431259
Ion Ratio Lower Upper
107 100
108 85.3 70.1 110.1
77 120.7 85.7 125.7
79 32.0 11.7 51.7





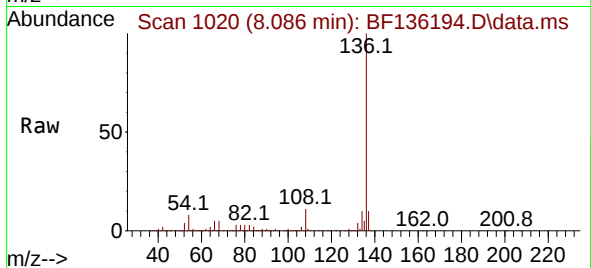
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

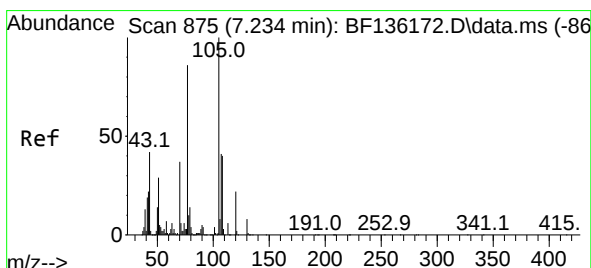
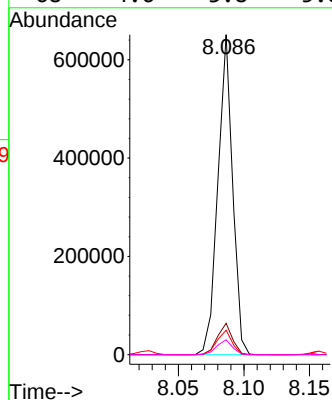
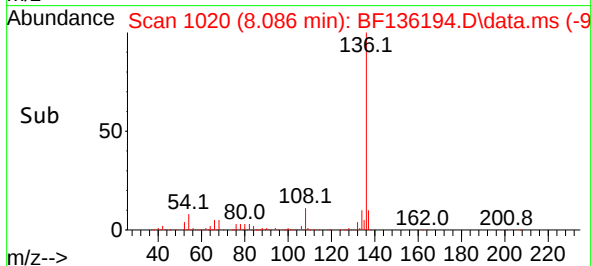


Tgt Ion:136 Resp: 50715
Ion Ratio Lower Upper
136 100
137 9.8 8.6 13.0
54 7.7 6.3 9.5
68 4.6 3.8 5.8

Manual Integrations

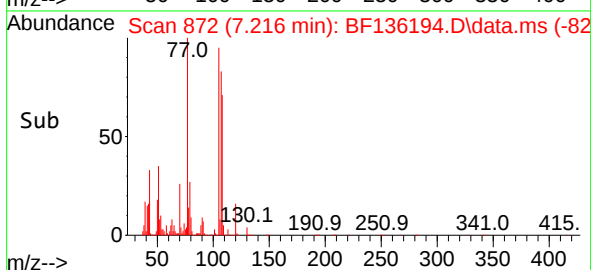
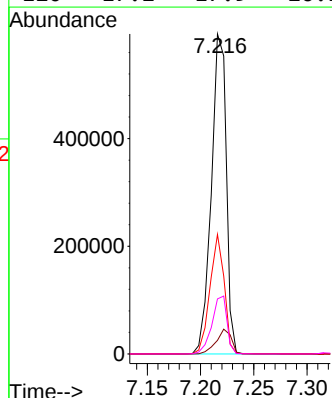
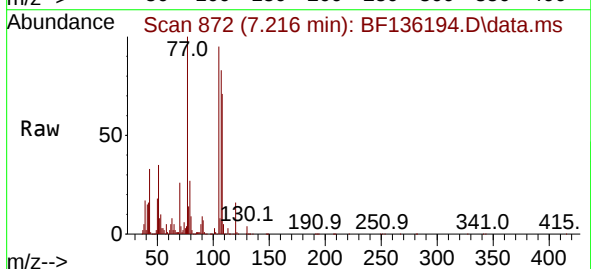
APPROVED

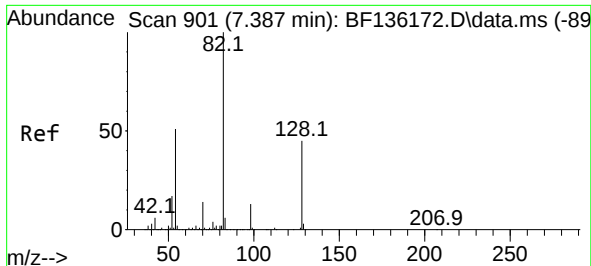
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023



#22
Acetophenone
Concen: 49.509 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

Tgt Ion:105 Resp: 579712
Ion Ratio Lower Upper
105 100
71 4.2 5.0 7.4#
51 37.4 23.5 35.3#
120 17.2 17.9 26.9#





#23

Nitrobenzene-d5

Concen: 91.909 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.000 min

Lab File: BF136194.D

Acq: 24 Nov 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 835290

Ion Ratio Lower Upper

82 100

128 43.0 35.8 53.6

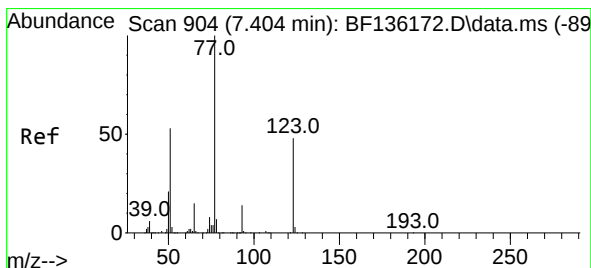
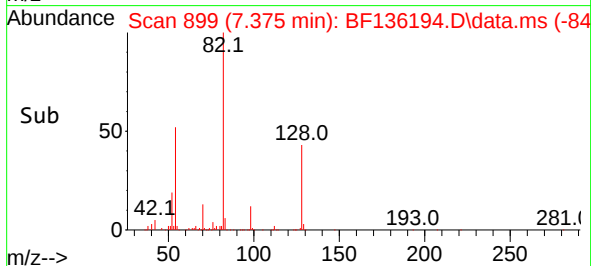
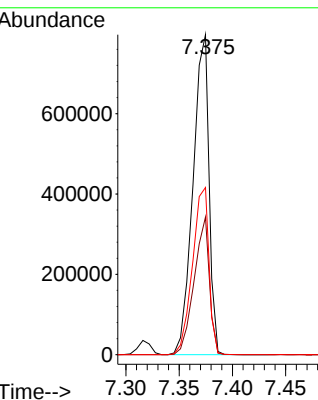
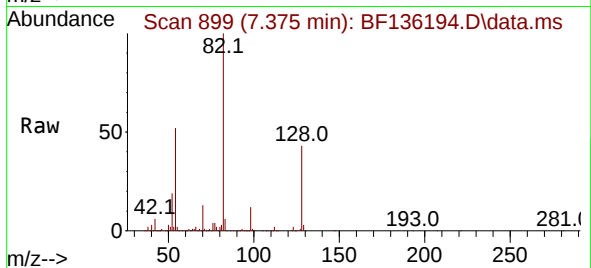
54 52.3 40.6 60.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/25/2023

Supervised By :mohammad ahmed 11/27/2023



#24

Nitrobenzene

Concen: 46.366 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.000 min

Lab File: BF136194.D

Acq: 24 Nov 2023 23:32

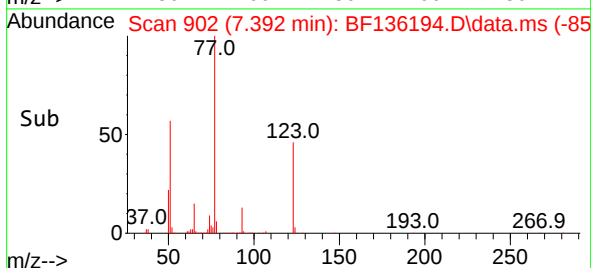
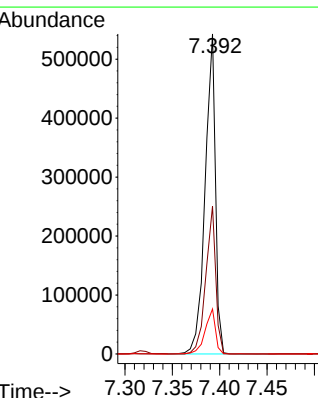
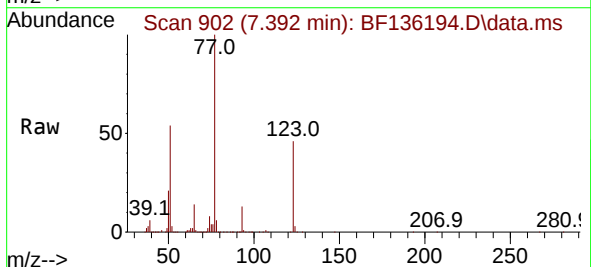
Tgt Ion: 77 Resp: 410090

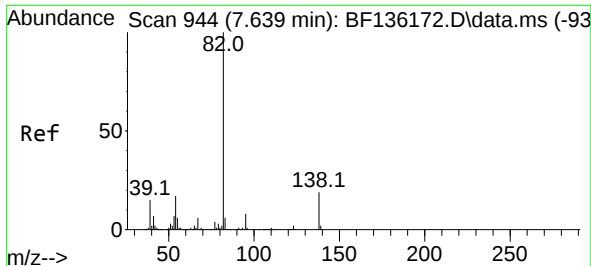
Ion Ratio Lower Upper

77 100

123 46.2 38.8 58.2

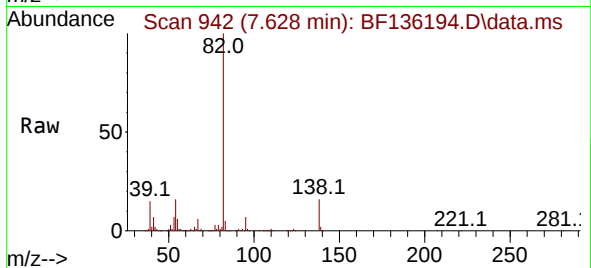
65 14.1 11.7 17.5





#25
Isophorone
Concen: 48.401 ng
RT: 7.628 min Scan# 944
Delta R.T. -0.000 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

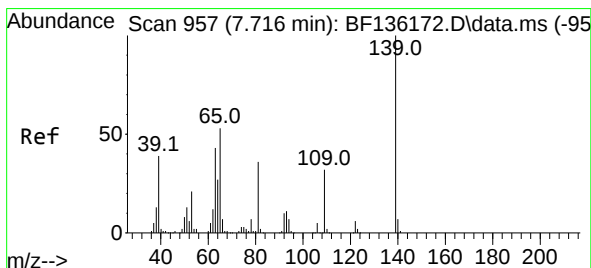
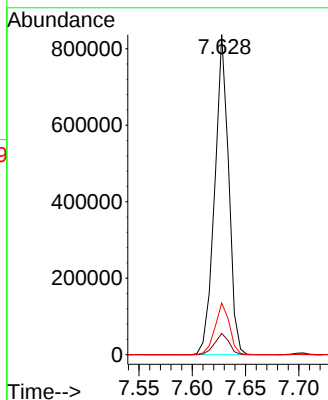
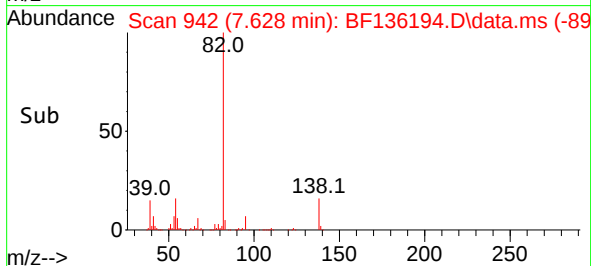
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 759129
Ion Ratio Lower Upper
82 100
95 6.6 6.2 9.4
138 16.1 14.8 22.2

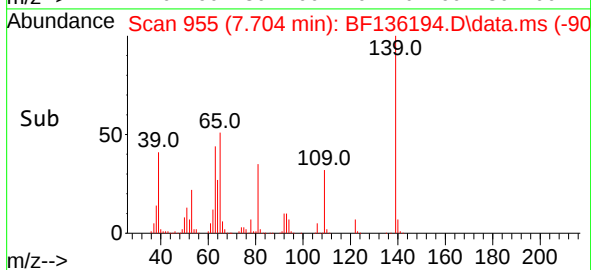
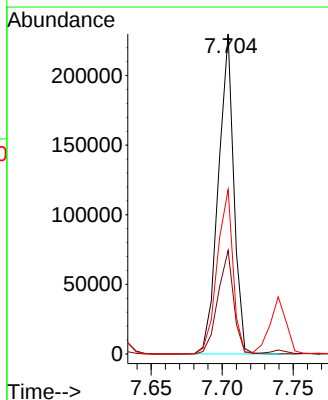
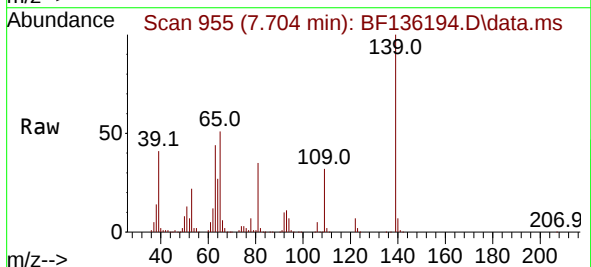
Manual Integrations
APPROVED

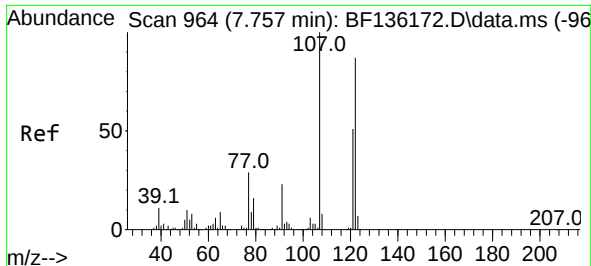
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023



#26
2-Nitrophenol
Concen: 40.549 ng
RT: 7.704 min Scan# 955
Delta R.T. -0.000 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

Tgt Ion:139 Resp: 173823
Ion Ratio Lower Upper
139 100
109 32.3 25.8 38.8
65 51.4 42.7 64.1





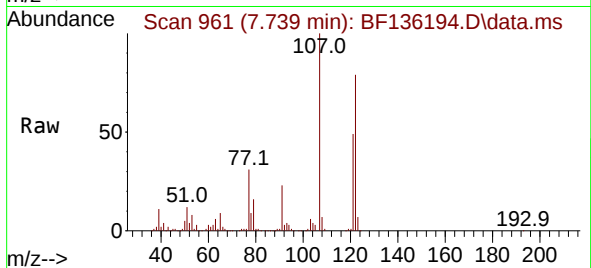
#27
2,4-Dimethylphenol
Concen: 43.887 ng
RT: 7.739 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

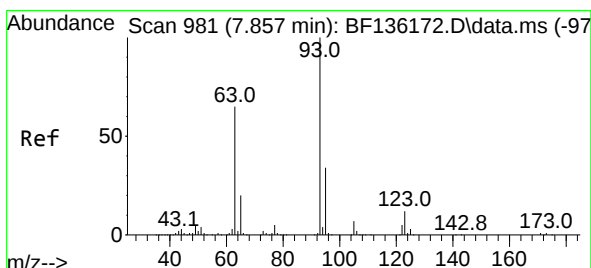
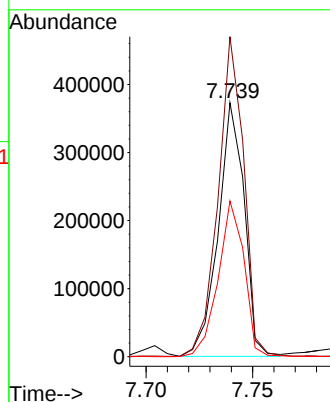
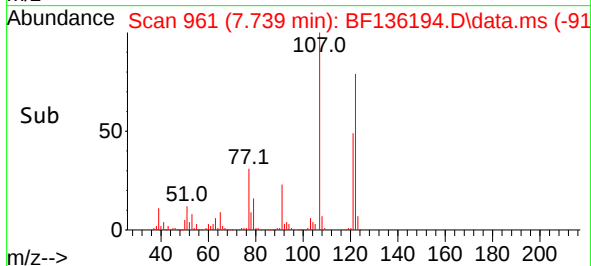


Tgt Ion:122 Resp: 316010
Ion Ratio Lower Upper
122 100
107 126.0 91.8 137.8
121 61.3 47.0 70.4

Manual Integrations

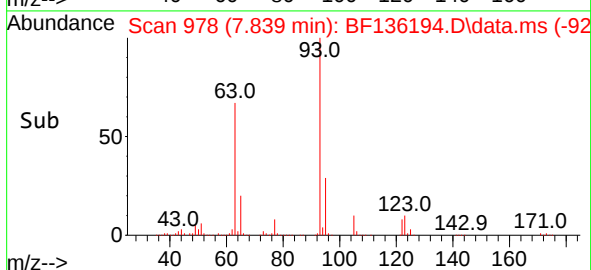
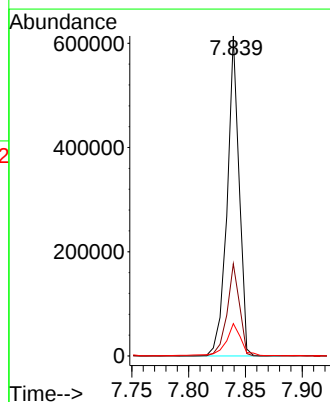
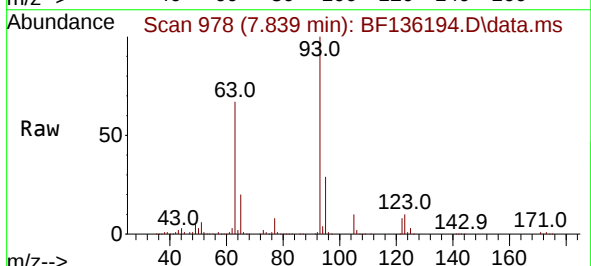
APPROVED

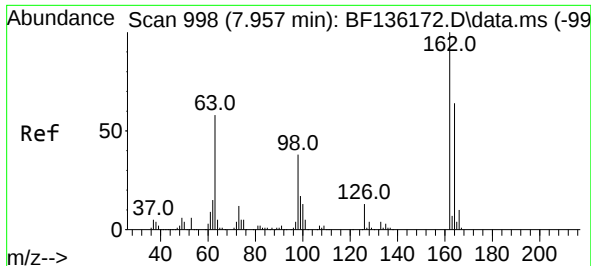
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023



#28
bis(2-Chloroethoxy)methane
Concen: 47.903 ng
RT: 7.839 min Scan# 978
Delta R.T. -0.000 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

Tgt Ion: 93 Resp: 453097
Ion Ratio Lower Upper
93 100
95 28.8 27.2 40.8
123 10.1 10.2 15.4#





#29

2,4-Dichlorophenol

Concen: 44.954 ng

RT: 7.939 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF136194.D

Acq: 24 Nov 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

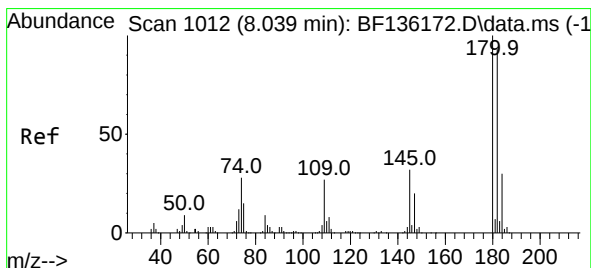
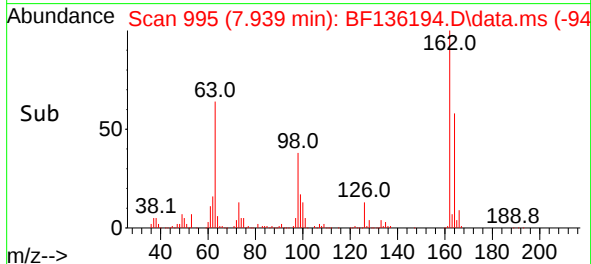
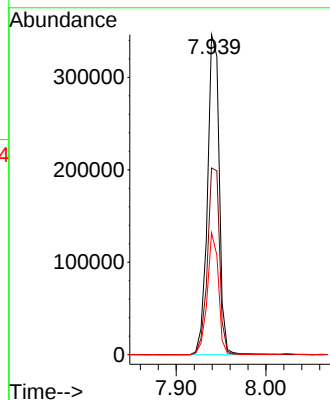
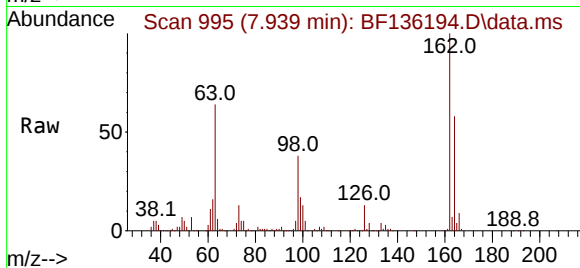
Tgt Ion:162	Resp:	31561
Ion Ratio	Lower	Upper
162	100	
164	58.3	43.7 83.7
98	38.1	18.4 58.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/25/2023

Supervised By :mohammad ahmed 11/27/2023



#30

1,2,4-Trichlorobenzene

Concen: 45.904 ng

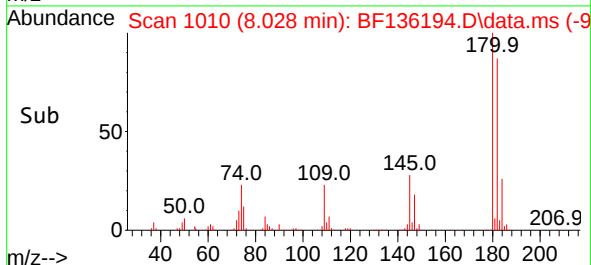
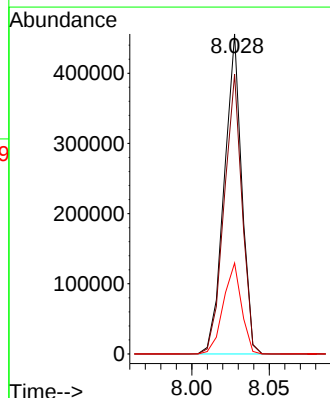
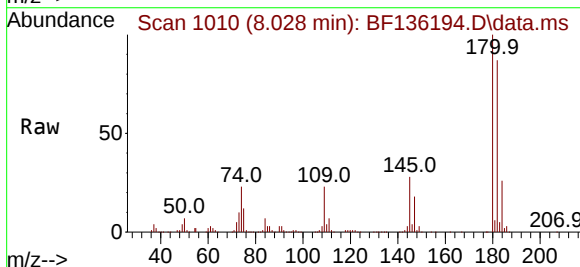
RT: 8.028 min Scan# 1010

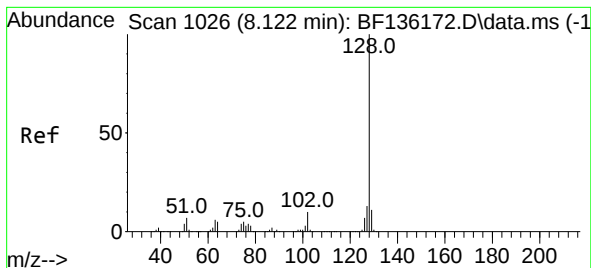
Delta R.T. -0.000 min

Lab File: BF136194.D

Acq: 24 Nov 2023 23:32

Tgt Ion:180	Resp:	358846
Ion Ratio	Lower	Upper
180	100	
182	87.5	74.8 112.2
145	28.4	25.3 37.9





#31

Naphthalene

Concen: 48.304 ng

RT: 8.110 min Scan# 1026

Delta R.T. -0.000 min

Lab File: BF136194.D

Acq: 24 Nov 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 1206772

Ion Ratio Lower Upper

128 100

129 8.9 8.9 13.3

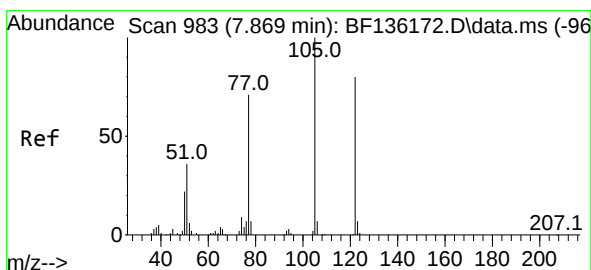
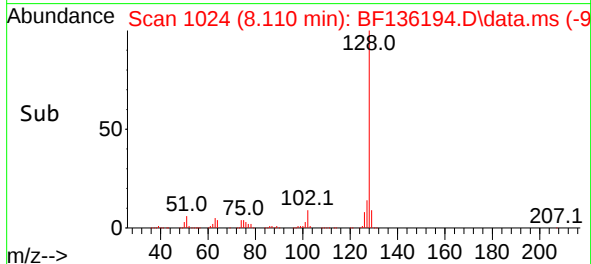
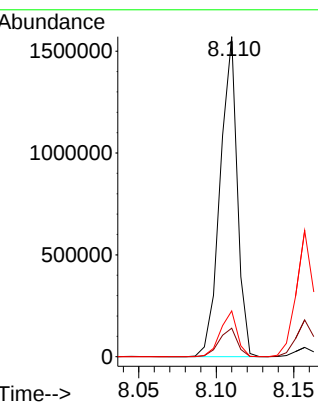
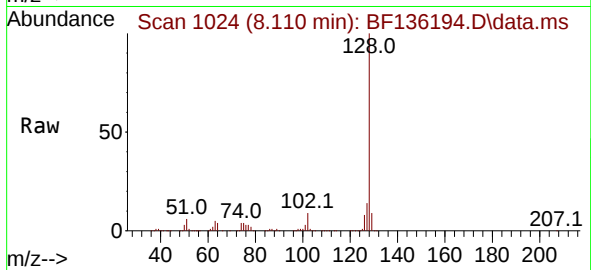
127 14.3 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/25/2023

Supervised By :mohammad ahmed 11/27/2023



#32

Benzoic acid

Concen: 38.848 ng m

RT: 7.857 min Scan# 981

Delta R.T. -0.000 min

Lab File: BF136194.D

Acq: 24 Nov 2023 23:32

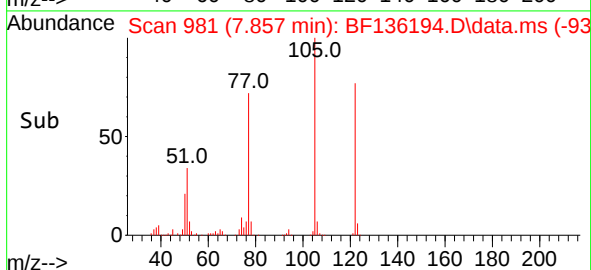
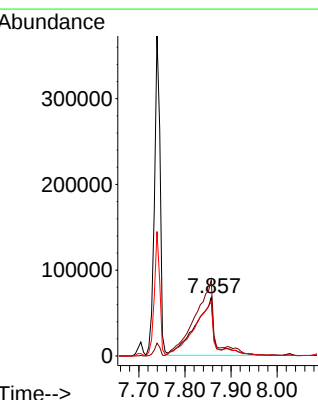
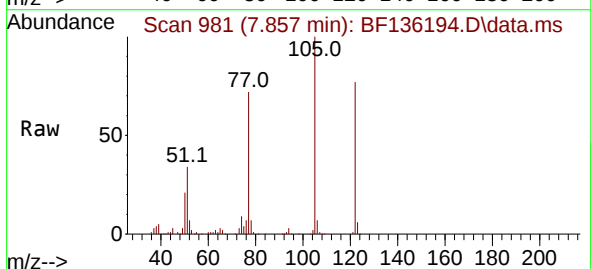
Tgt Ion:122 Resp: 201023

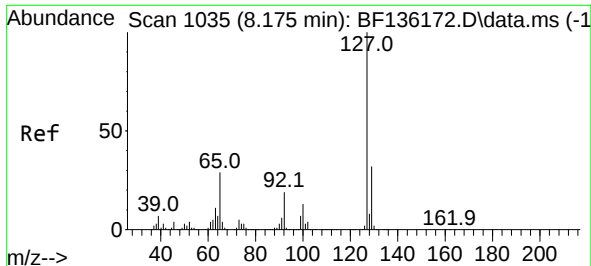
Ion Ratio Lower Upper

122 100

105 129.5 102.5 142.5

77 93.2 68.1 108.1





#33
4-Chloroaniline
Concen: 46.478 ng
RT: 8.157 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

Instrument :

BNA_F

ClientSampleId :

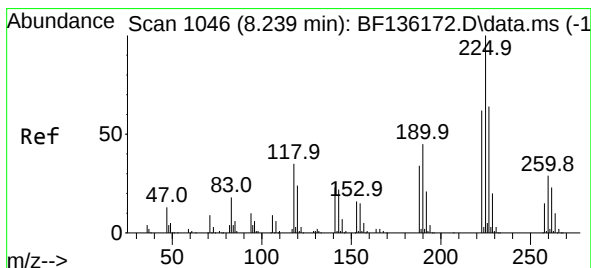
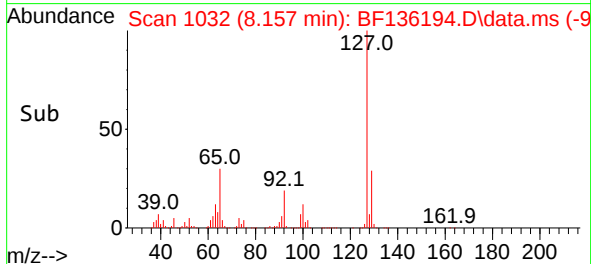
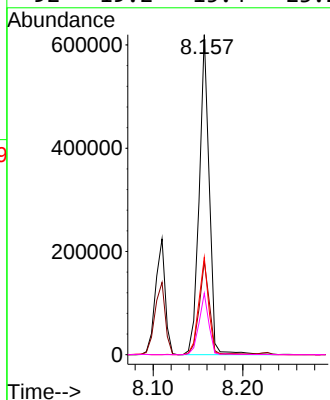
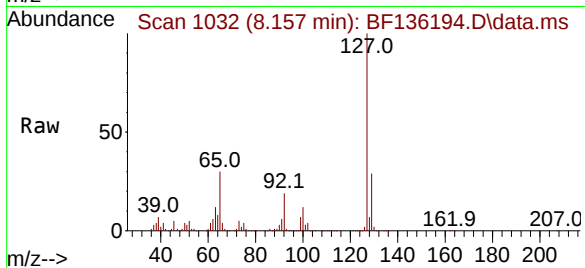
SSTDCCC040

Tgt Ion:127 Resp: 481610
Ion Ratio Lower Upper
127 100
129 29.2 25.7 38.5
65 30.4 23.3 34.9
92 19.2 15.4 23.2

Manual Integrations

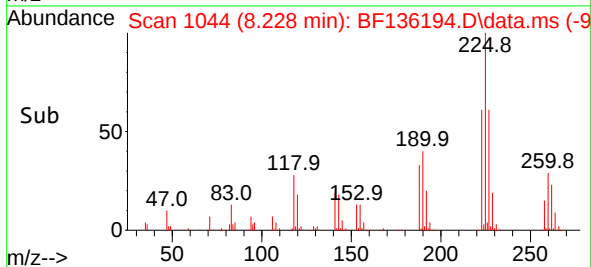
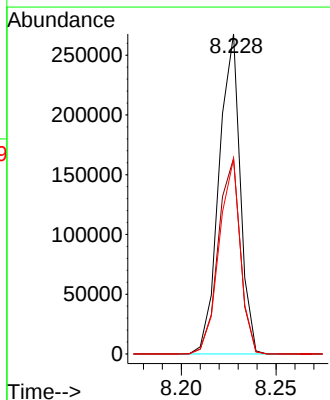
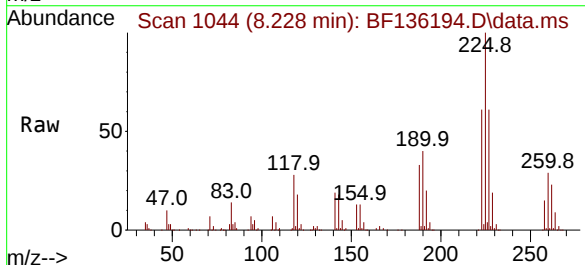
APPROVED

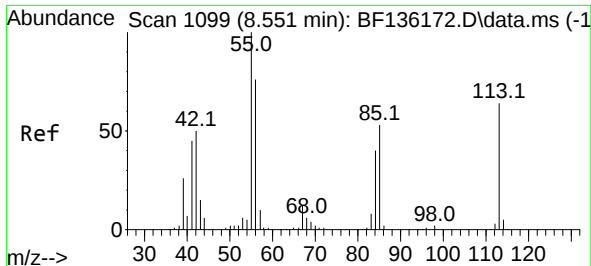
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023



#34
Hexachlorobutadiene
Concen: 43.864 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

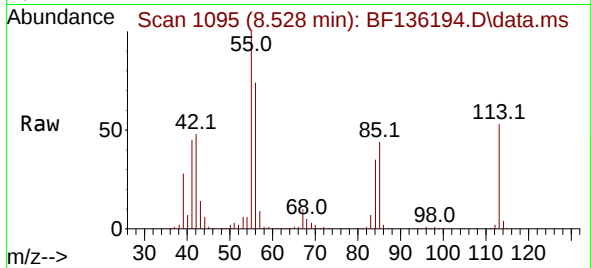
Tgt Ion:225 Resp: 208448
Ion Ratio Lower Upper
225 100
223 61.1 49.8 74.6
227 61.0 51.1 76.7





#35
Caprolactam
Concen: 45.151 ng
RT: 8.528 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

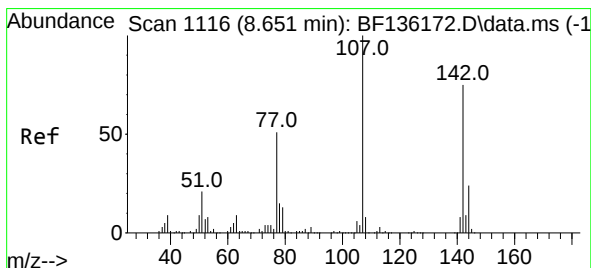
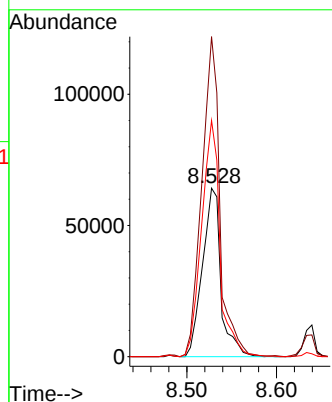
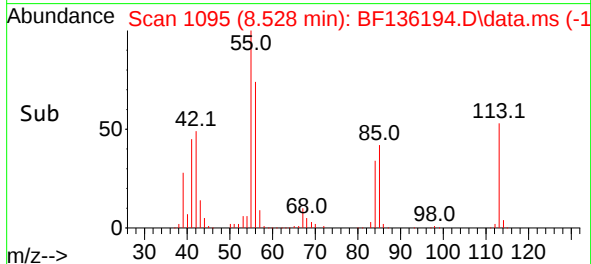
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:113 Resp: 9178
Ion Ratio Lower Upper
113 100
55 189.9 137.2 177.2
56 140.1 99.8 139.8

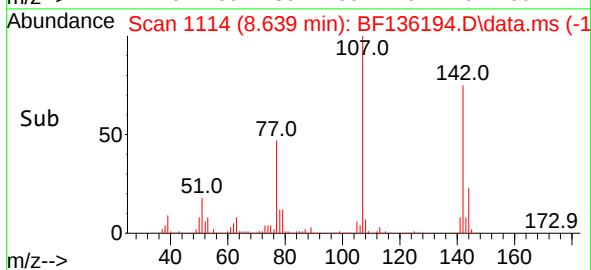
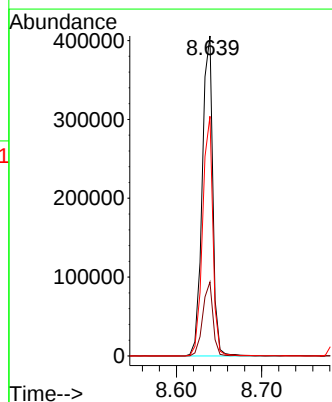
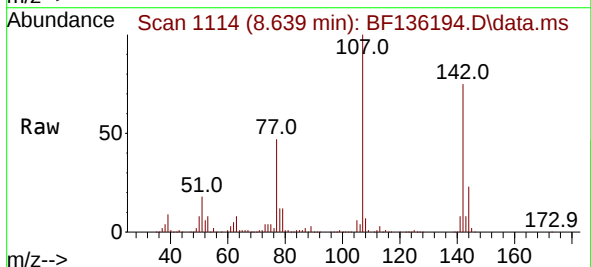
Manual Integrations
APPROVED

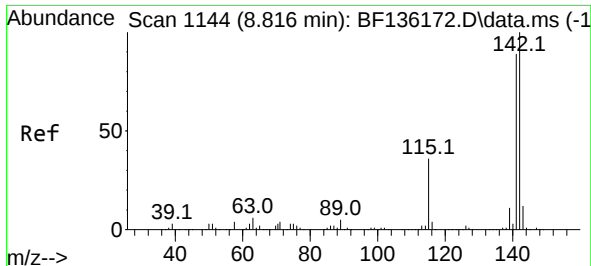
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023



#36
4-Chloro-3-methylphenol
Concen: 47.353 ng
RT: 8.639 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

Tgt Ion:107 Resp: 349059
Ion Ratio Lower Upper
107 100
144 23.1 19.4 29.0
142 74.9 59.9 89.9





#37

2-Methylnaphthalene

Concen: 46.508 ng

RT: 8.798 min Scan# 1141

Delta R.T. -0.006 min

Lab File: BF136194.D

Acq: 24 Nov 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 779038

Ion Ratio Lower Upper

142 100

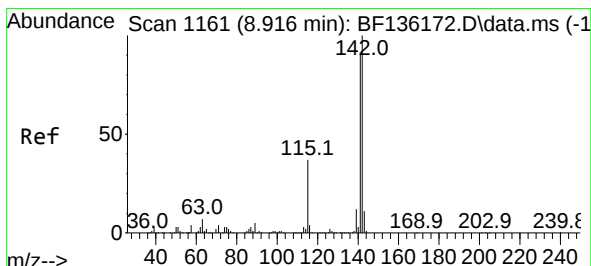
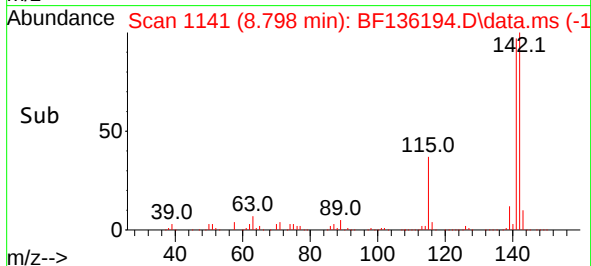
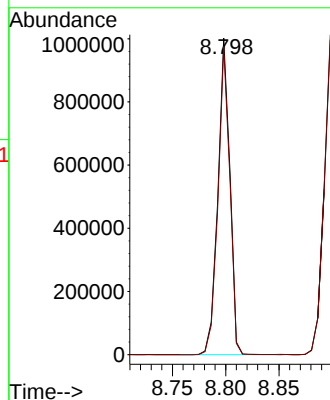
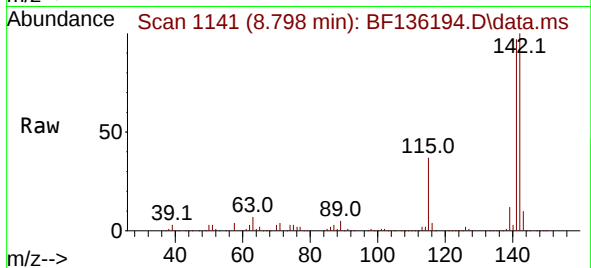
141 97.3 71.4 107.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/25/2023

Supervised By :mohammad ahmed 11/27/2023



#38

1-Methylnaphthalene

Concen: 46.614 ng

RT: 8.898 min Scan# 1158

Delta R.T. -0.000 min

Lab File: BF136194.D

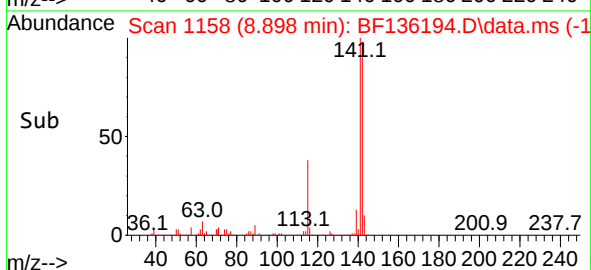
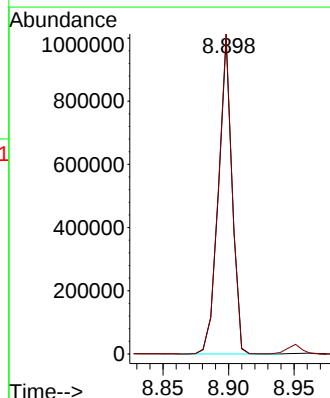
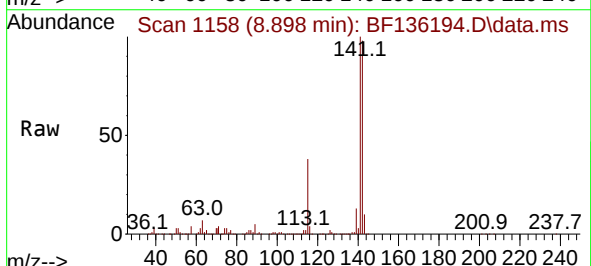
Acq: 24 Nov 2023 23:32

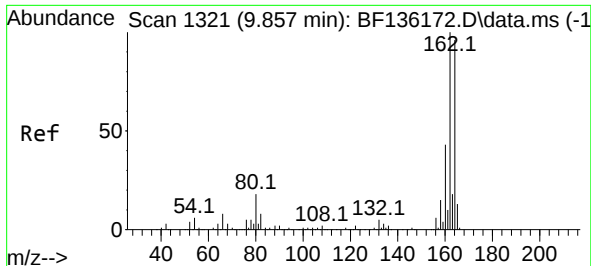
Tgt Ion:142 Resp: 724434

Ion Ratio Lower Upper

142 100

141 101.6 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF136194.D

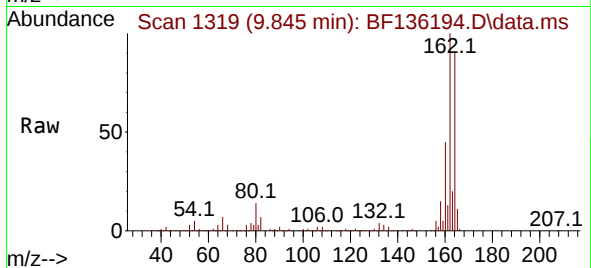
Acq: 24 Nov 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 262838

Ion Ratio Lower Upper

164 100

162 109.8 83.2 124.8

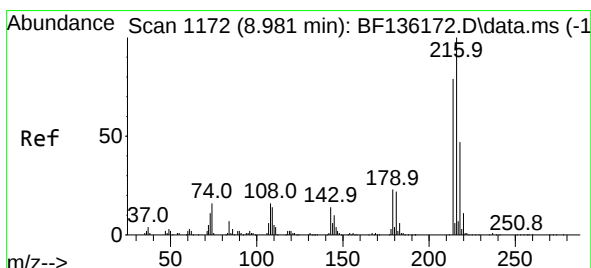
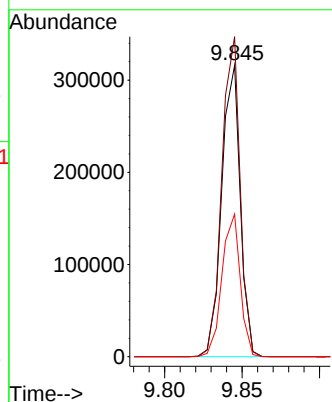
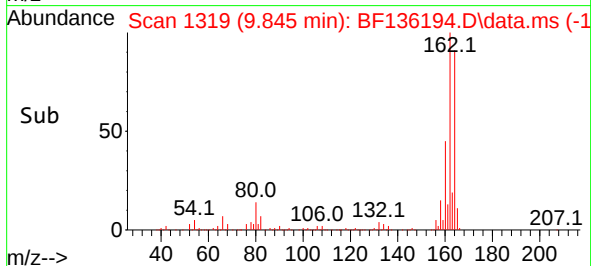
160 48.9 35.8 53.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/25/2023

Supervised By :mohammad ahmed 11/27/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.266 ng

RT: 8.963 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF136194.D

Acq: 24 Nov 2023 23:32

Tgt Ion:216 Resp: 356573

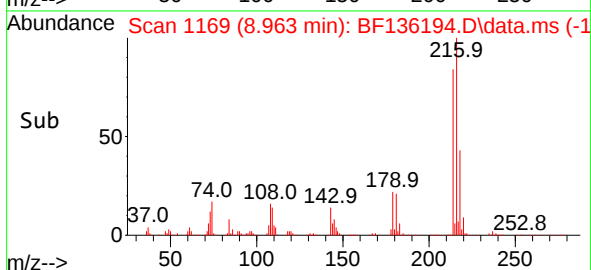
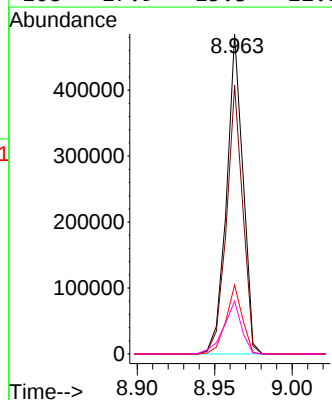
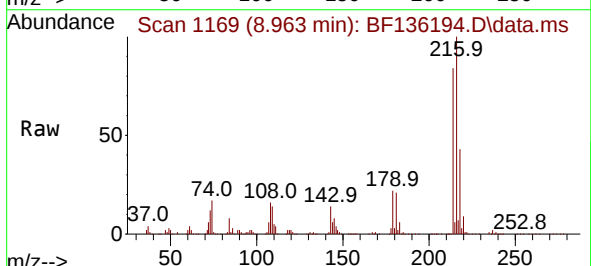
Ion Ratio Lower Upper

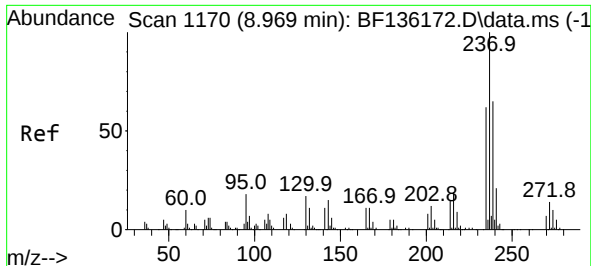
216 100

214 83.0 63.8 95.8

179 21.3 18.0 27.0

108 17.9 15.3 22.9





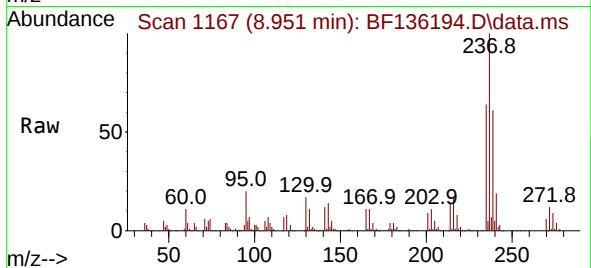
#41
Hexachlorocyclopentadiene
Concen: 43.715 ng
RT: 8.951 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

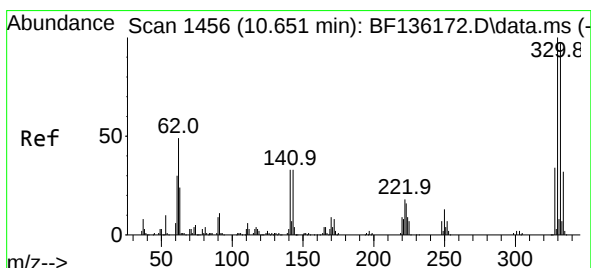
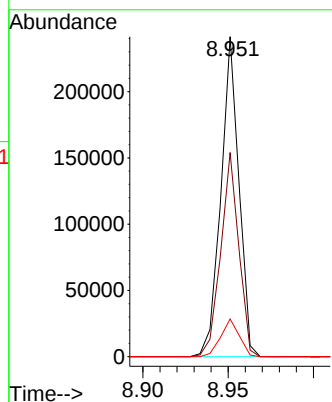
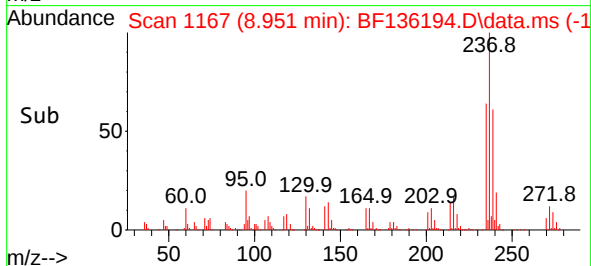


Tgt Ion:237 Resp: 177579
Ion Ratio Lower Upper
237 100
235 63.8 42.3 82.3
272 11.8 0.0 33.8

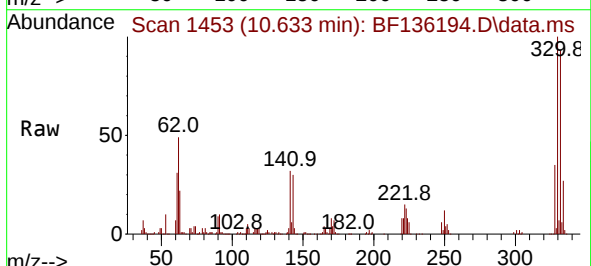
Manual Integrations

APPROVED

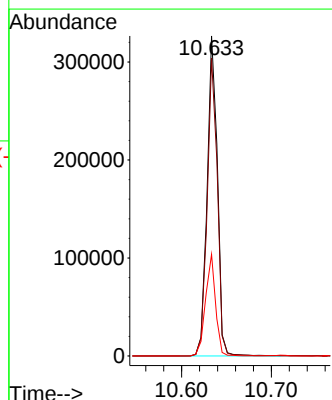
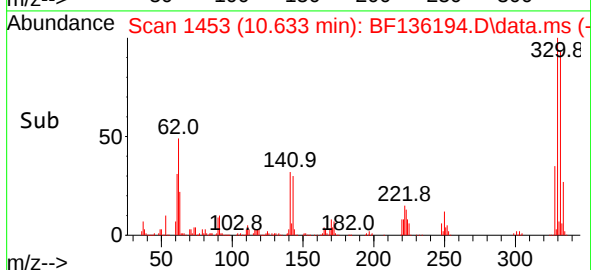
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023

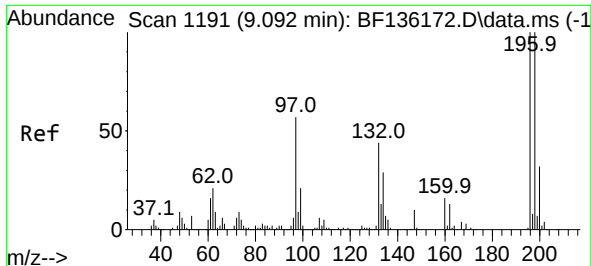


#42
2,4,6-Tribromophenol
Concen: 93.931 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32



Tgt Ion:330 Resp: 258573
Ion Ratio Lower Upper
330 100
332 92.6 77.6 116.4
141 31.3 25.8 38.6





#43
2,4,6-Trichlorophenol
Concen: 44.938 ng
RT: 9.075 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

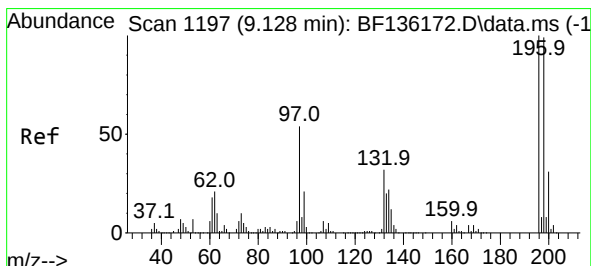
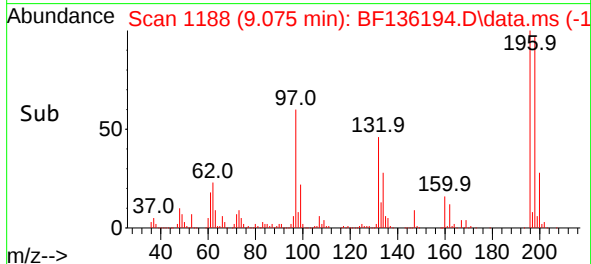
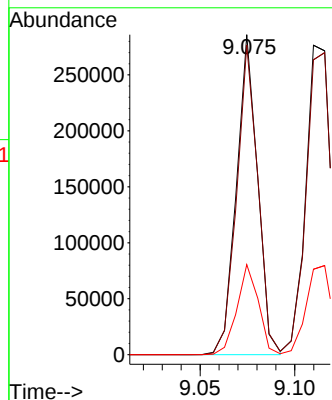
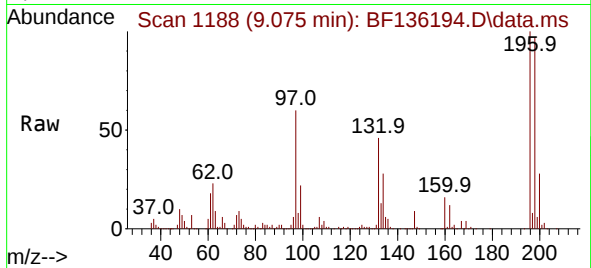
Tgt Ion:196 Resp: 221650
Ion Ratio Lower Upper
196 100
198 96.8 80.2 120.4
200 28.1 25.5 38.3

Manual Integrations

APPROVED

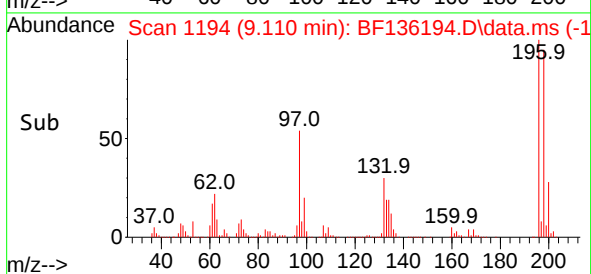
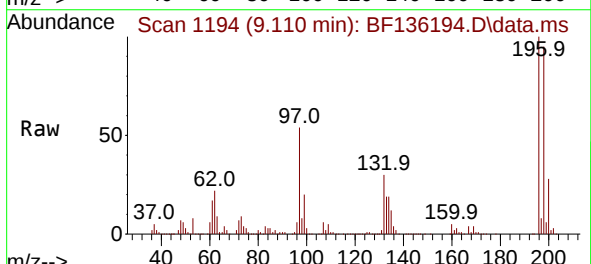
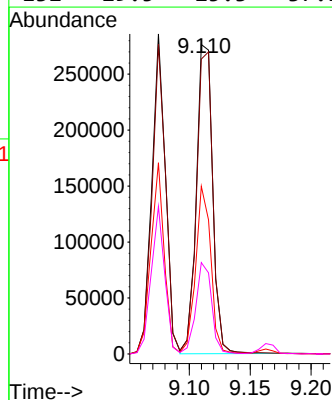
Reviewed By :Yogesh Patel 11/25/2023

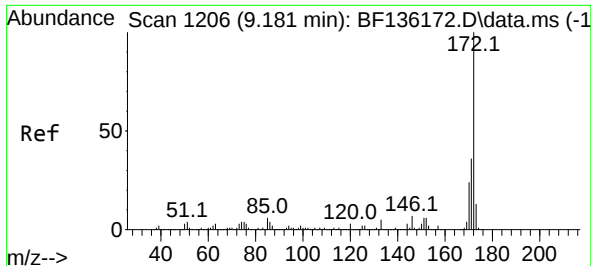
Supervised By :mohammad ahmed 11/27/2023



#44
2,4,5-Trichlorophenol
Concen: 45.387 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

Tgt Ion:196 Resp: 257900
Ion Ratio Lower Upper
196 100
198 95.3 78.9 118.3
97 54.2 43.6 65.4
132 29.5 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 99.358 ng

RT: 9.163 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136194.D

Acq: 24 Nov 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 176668

Ion Ratio Lower Upper

172 100

171 39.0 28.9 43.3

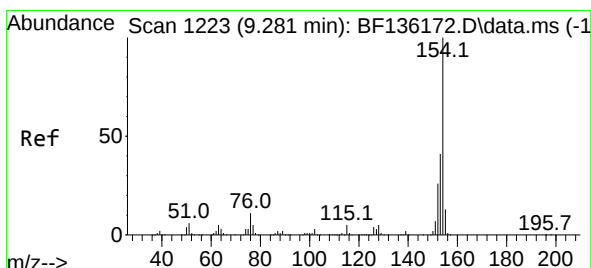
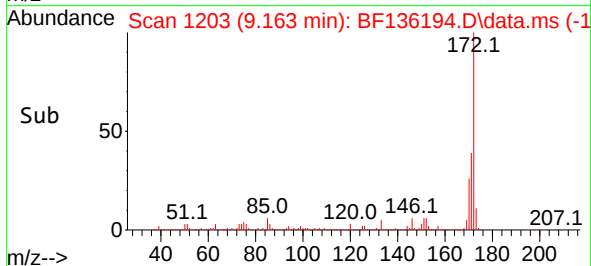
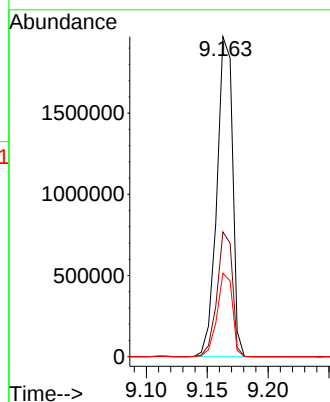
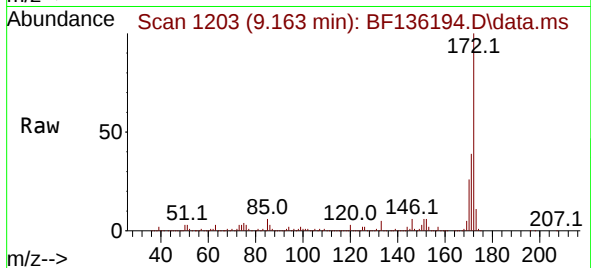
170 26.1 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/25/2023

Supervised By :mohammad ahmed 11/27/2023



#46

1,1'-Biphenyl

Concen: 47.880 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF136194.D

Acq: 24 Nov 2023 23:32

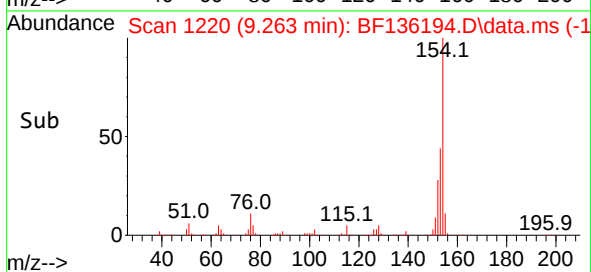
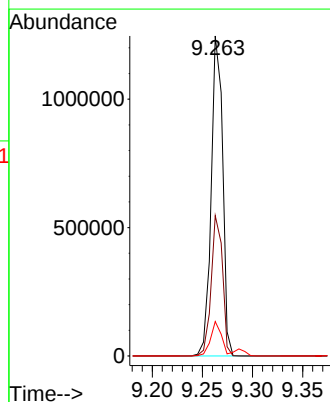
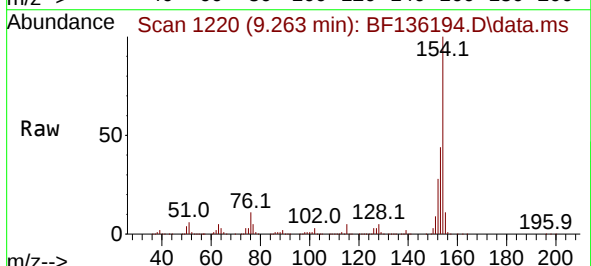
Tgt Ion:154 Resp: 987505

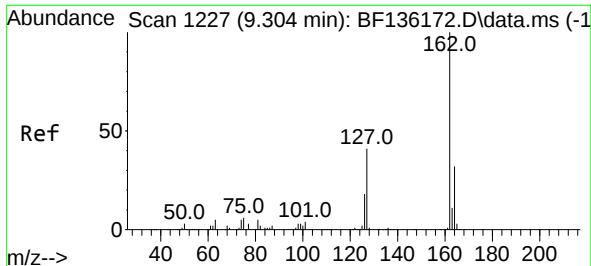
Ion Ratio Lower Upper

154 100

153 43.9 21.1 61.1

76 10.8 0.0 31.2





#47
2-Chloronaphthalene
Concen: 47.657 ng
RT: 9.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

Instrument :

BNA_F

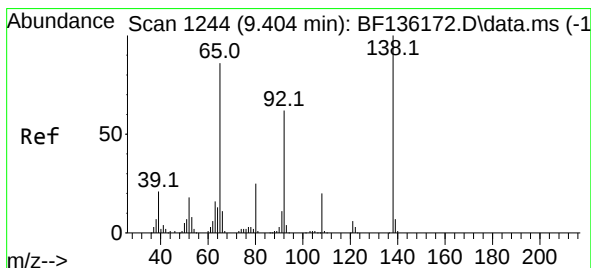
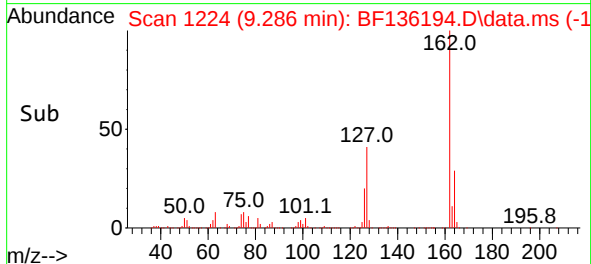
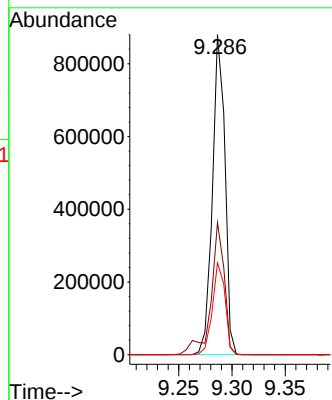
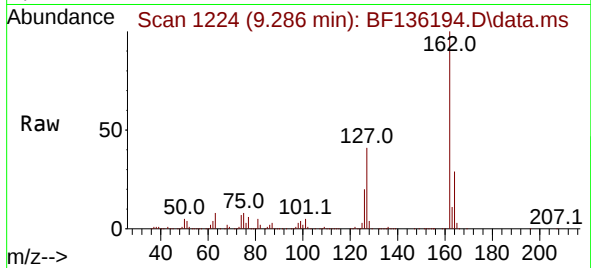
ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 71844
Ion Ratio Lower Upper
162 100
127 41.3 34.2 51.4
164 28.7 25.6 38.4

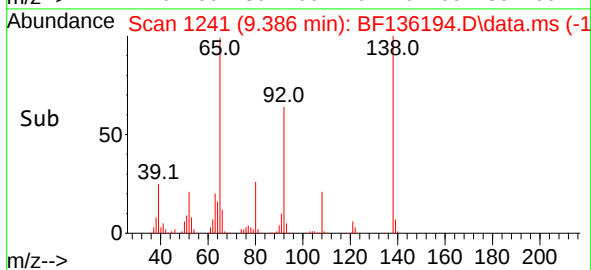
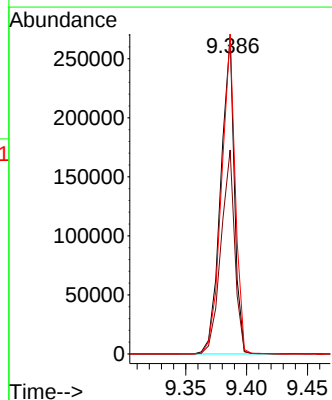
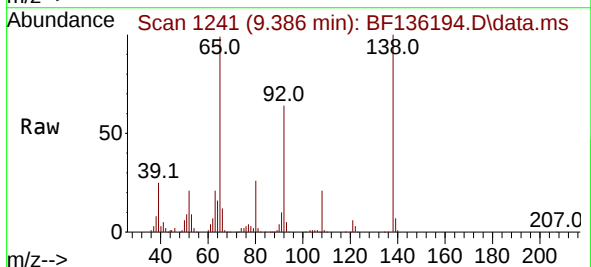
Manual Integrations
APPROVED

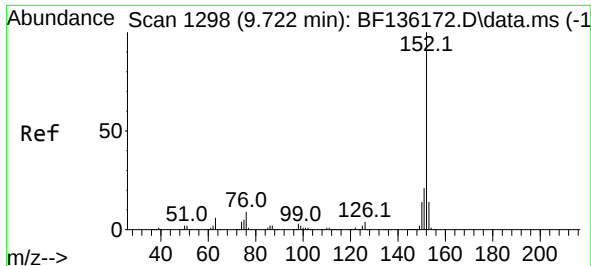
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023



#48
2-Nitroaniline
Concen: 45.579 ng
RT: 9.386 min Scan# 1241
Delta R.T. -0.000 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

Tgt Ion: 65 Resp: 209495
Ion Ratio Lower Upper
65 100
92 64.3 57.5 86.3
138 100.9 93.4 140.2





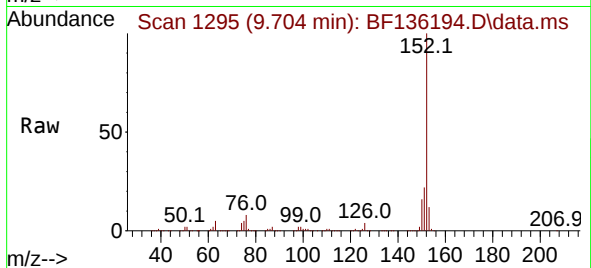
#49
Acenaphthylene
Concen: 48.829 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



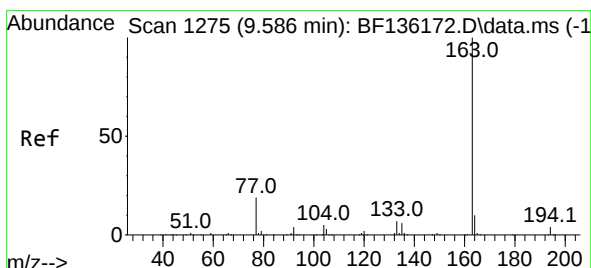
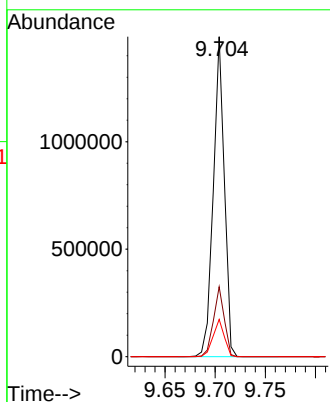
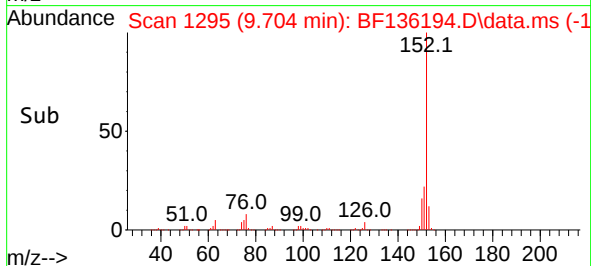
Tgt Ion:152 Resp: 113624
Ion Ratio Lower Upper
152 100
151 21.9 16.4 24.6
153 11.7 11.1 16.7

Manual Integrations

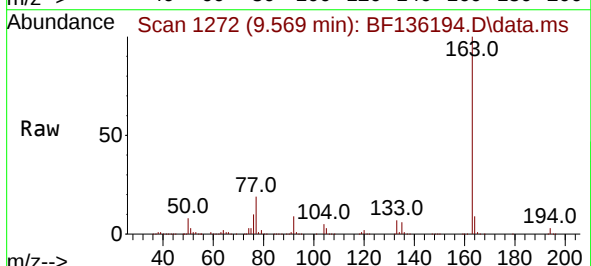
APPROVED

Reviewed By :Yogesh Patel 11/25/2023

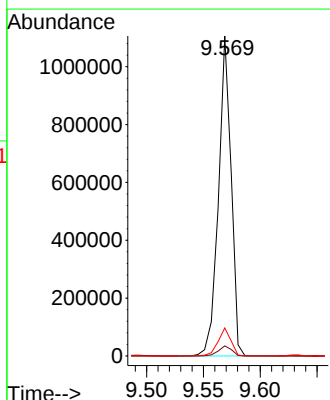
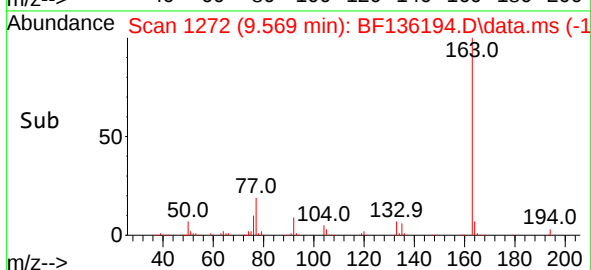
Supervised By :mohammad ahmed 11/27/2023

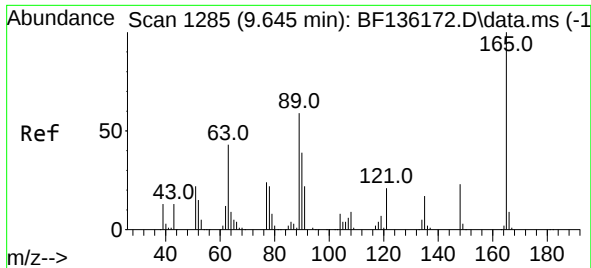


#50
Dimethylphthalate
Concen: 48.268 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32



Tgt Ion:163 Resp: 857176
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.4
164 8.8 7.8 11.8





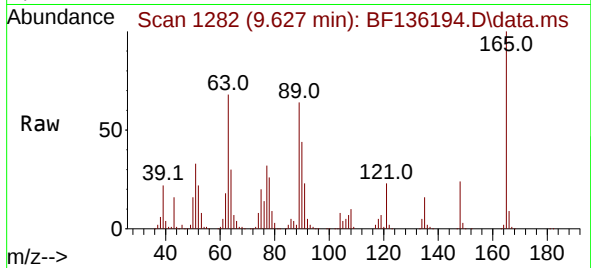
#51
2,6-Dinitrotoluene
Concen: 42.456 ng
RT: 9.627 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

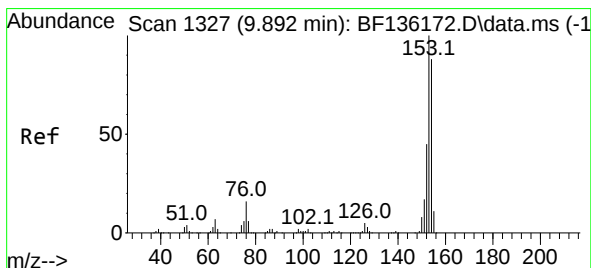
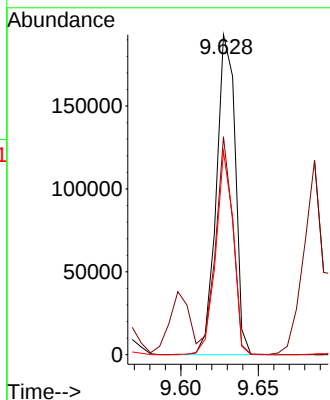
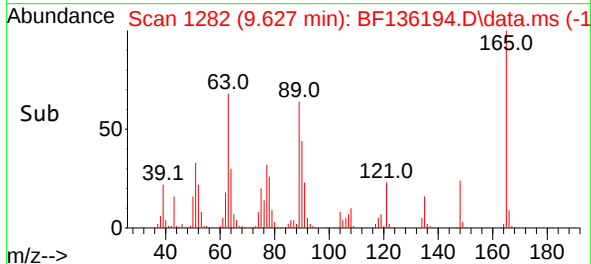


Tgt Ion:165 Resp: 163600
Ion Ratio Lower Upper
165 100
63 68.1 48.0 72.0
89 63.5 47.2 70.8

Manual Integrations

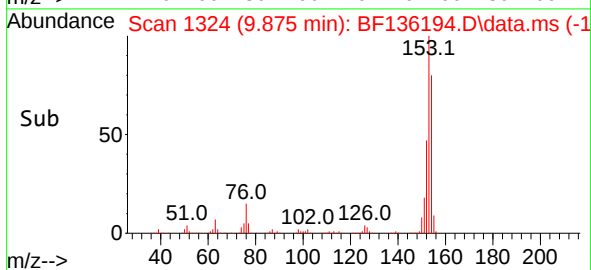
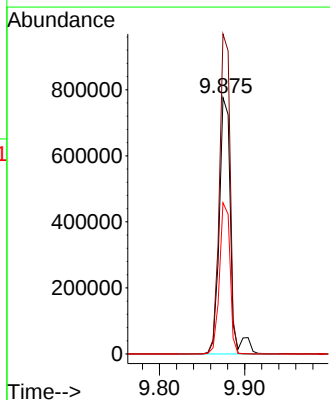
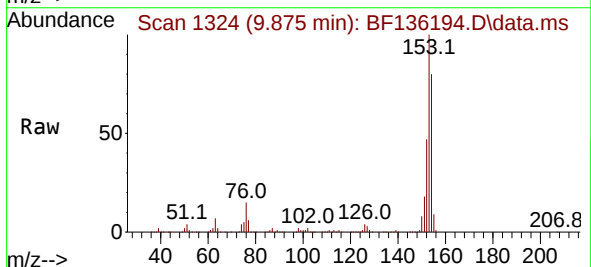
APPROVED

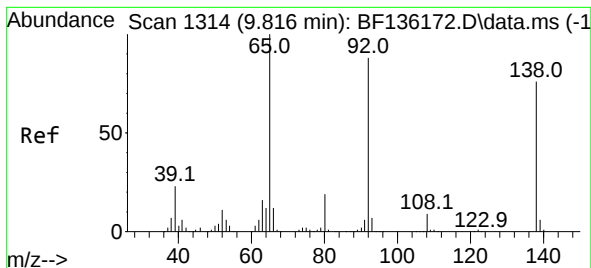
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023



#52
Acenaphthene
Concen: 46.332 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

Tgt Ion:154 Resp: 718094
Ion Ratio Lower Upper
154 100
153 124.9 90.4 135.6
152 59.0 41.1 61.7





#53

3-Nitroaniline

Concen: 44.641 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136194.D

Acq: 24 Nov 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

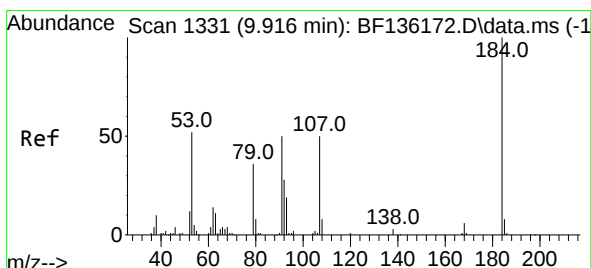
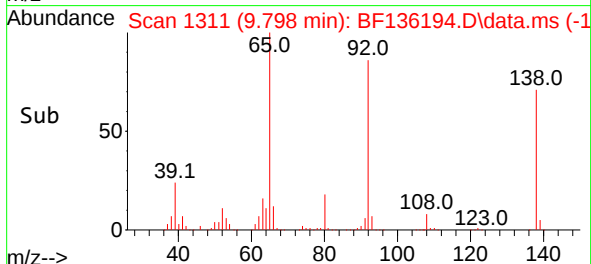
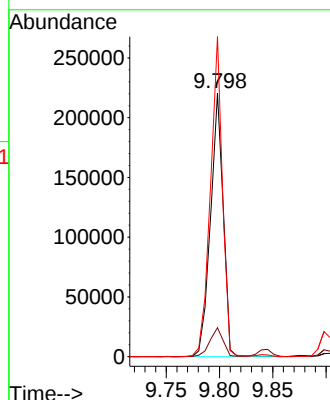
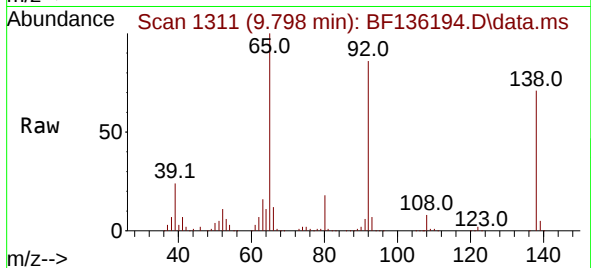
Tgt Ion:138 Resp: 183410
 Ion Ratio Lower Upper
 138 100
 108 11.0 9.0 13.4
 92 121.3 92.2 138.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/25/2023

Supervised By :mohammad ahmed 11/27/2023



#54

2,4-Dinitrophenol

Concen: 37.765 ng

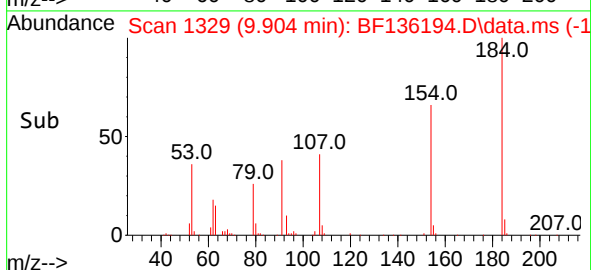
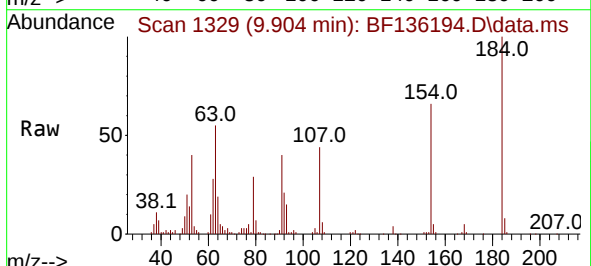
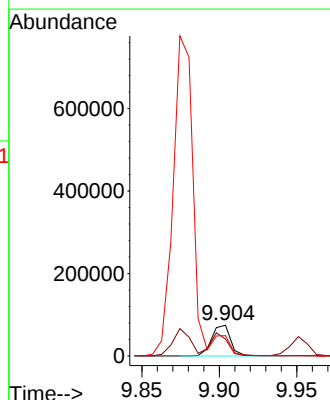
RT: 9.904 min Scan# 1329

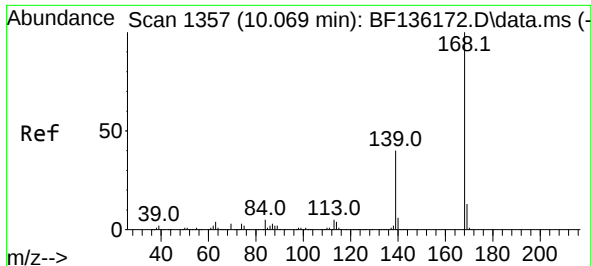
Delta R.T. -0.000 min

Lab File: BF136194.D

Acq: 24 Nov 2023 23:32

Tgt Ion:184 Resp: 63874
 Ion Ratio Lower Upper
 184 100
 63 55.1 59.1 88.7#
 154 66.3 58.2 87.2





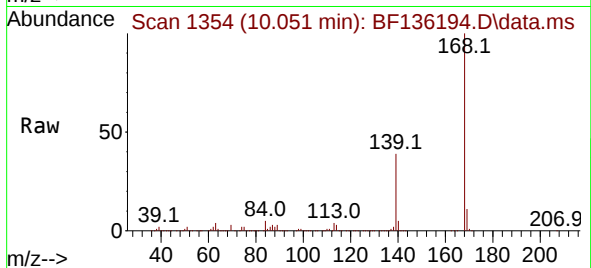
#55
Dibenzenofuran
Concen: 48.616 ng
RT: 10.051 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



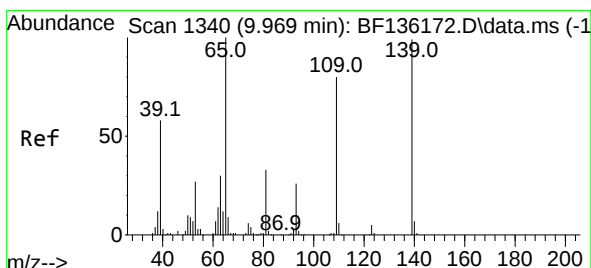
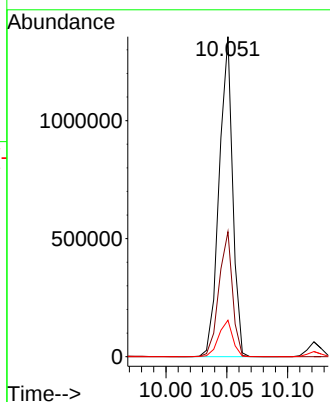
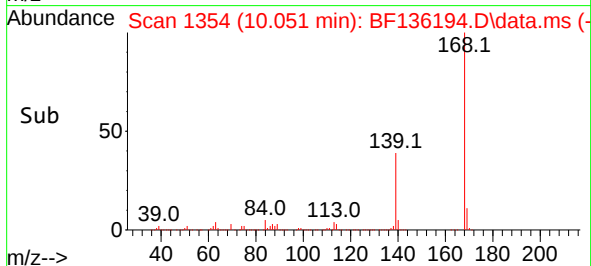
Tgt Ion:168 Resp: 1047600
Ion Ratio Lower Upper
168 100
139 39.1 31.9 47.9
169 11.4 10.6 16.0

Manual Integrations

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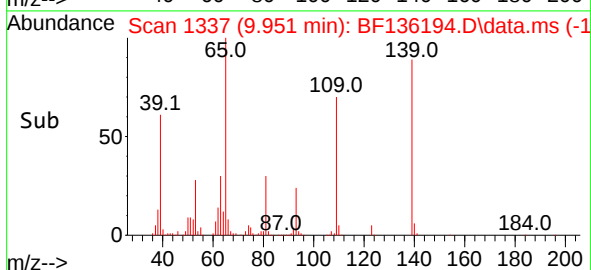
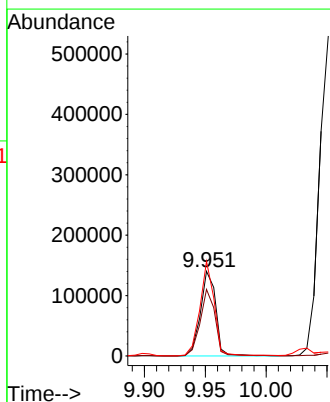
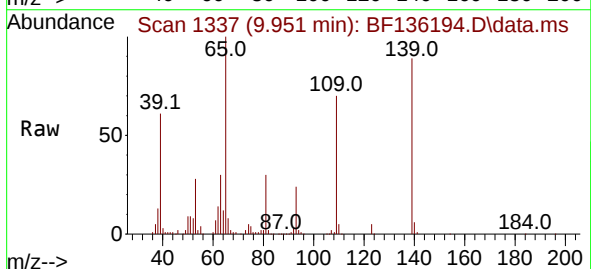
Reviewed By :Yogesh Patel 11/25/2023

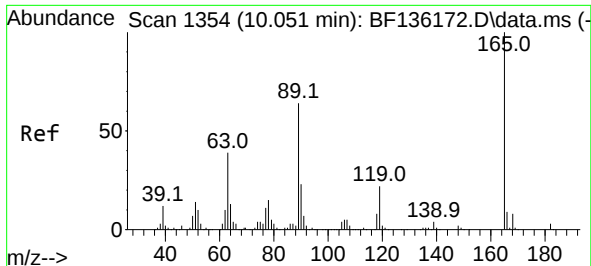
Supervised By :mohammad ahmed 11/27/2023



#56
4-Nitrophenol
Concen: 45.137 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

Tgt Ion:139 Resp: 123236
Ion Ratio Lower Upper
139 100
109 78.7 60.9 100.9
65 111.9 81.6 121.6





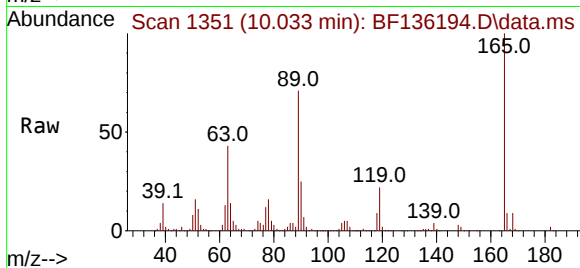
#57
2,4-Dinitrotoluene
Concen: 44.599 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

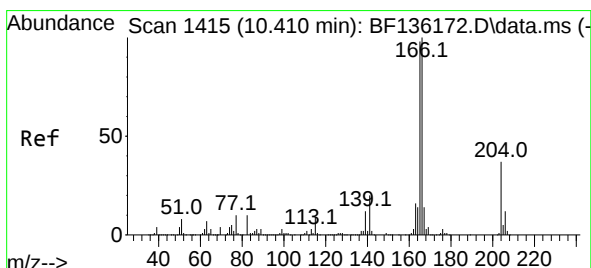
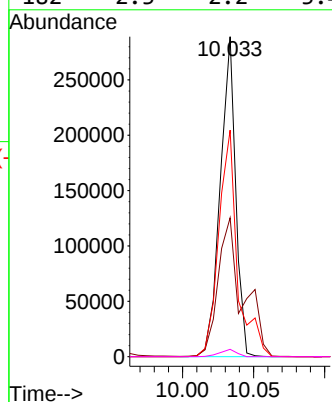
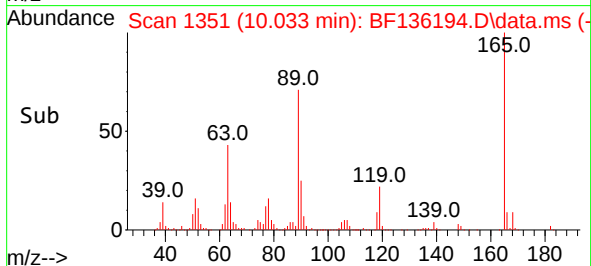


Tgt Ion:165 Resp: 218280
Ion Ratio Lower Upper
165 100
63 43.4 31.4 47.0
89 70.8 51.6 77.4
182 2.3 2.2 3.4

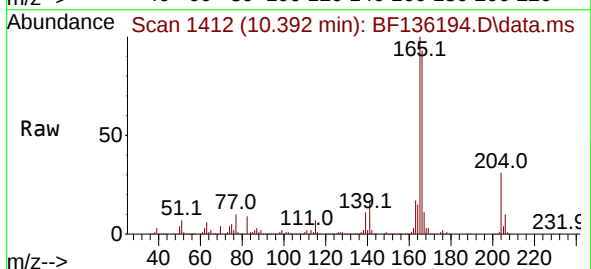
Manual Integrations

APPROVED

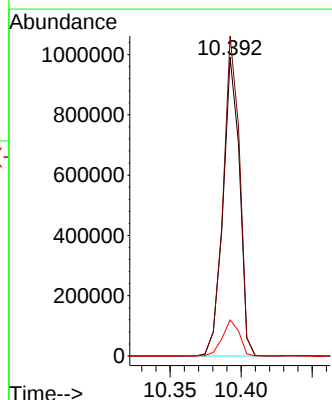
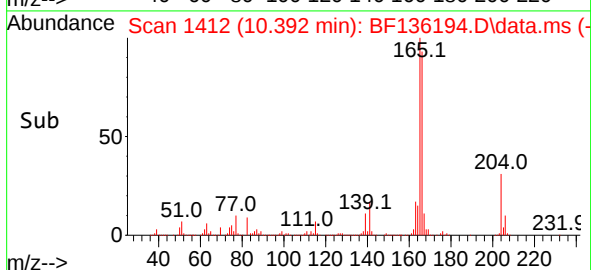
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023

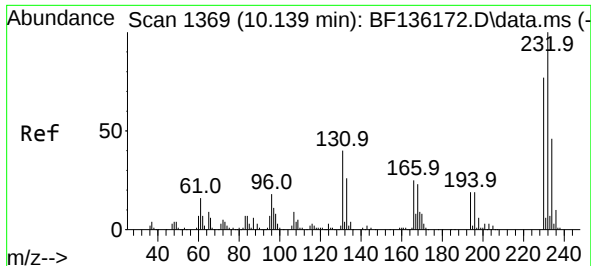


#58
Fluorene
Concen: 48.803 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32



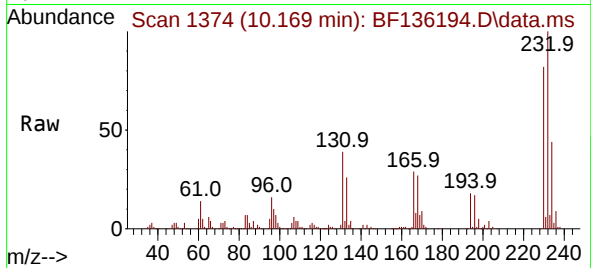
Tgt Ion:166 Resp: 798171
Ion Ratio Lower Upper
166 100
165 107.1 78.8 118.2
167 12.1 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.929 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.000 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

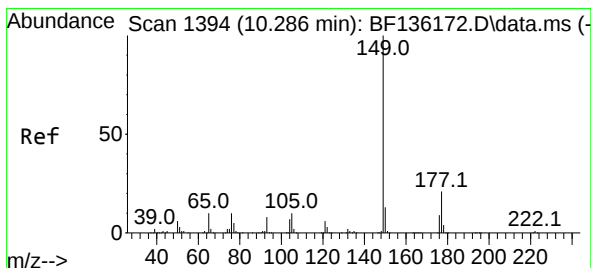
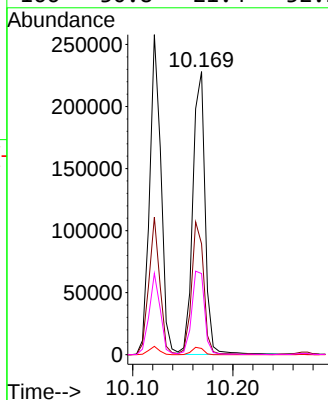
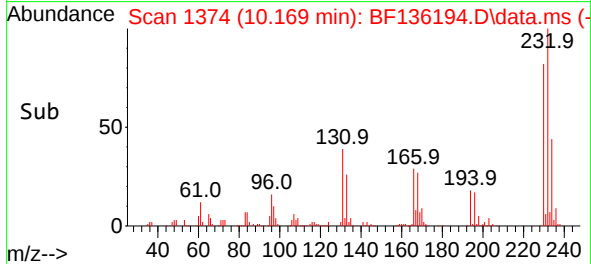
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 193494
Ion Ratio Lower Upper
232 100
131 46.3 34.6 52.0
130 2.5 1.9 2.9
166 30.8 21.4 32.2

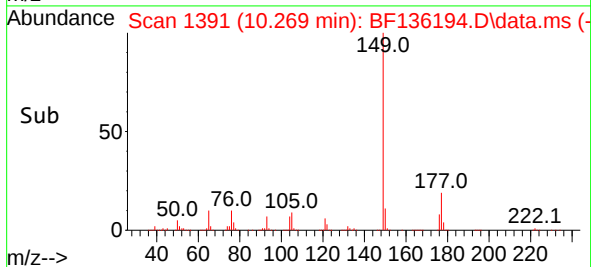
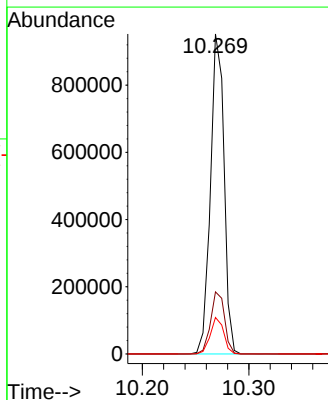
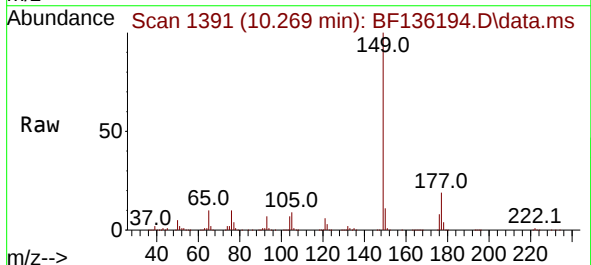
Manual Integrations
APPROVED

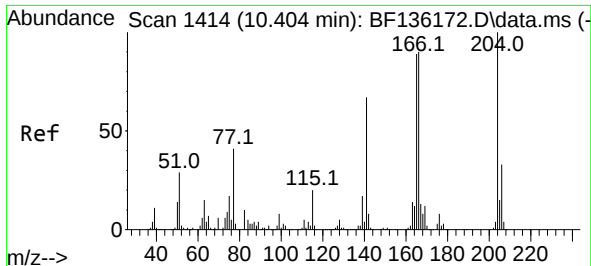
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023



#60
Diethylphthalate
Concen: 47.303 ng
RT: 10.269 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

Tgt Ion:149 Resp: 842737
Ion Ratio Lower Upper
149 100
177 19.4 17.2 25.8
150 11.4 10.3 15.5





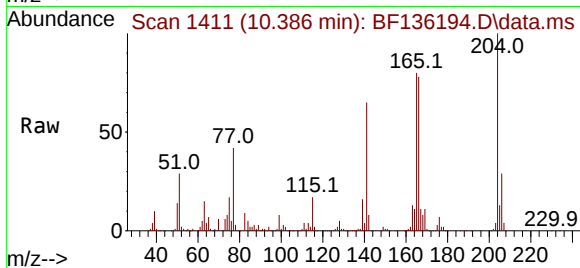
#61
4-Chlorophenyl-phenylether
Concen: 46.293 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

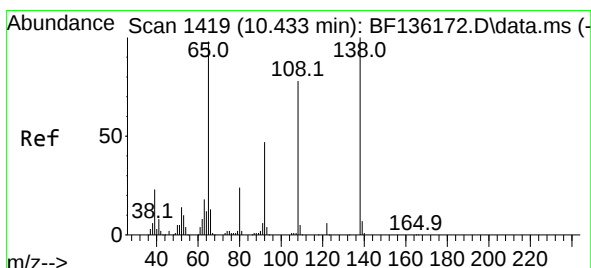
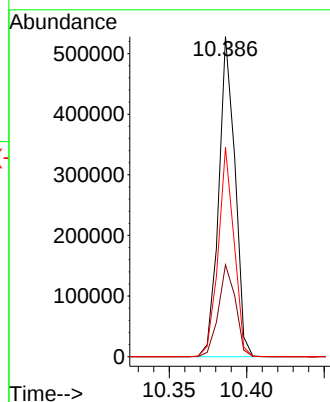
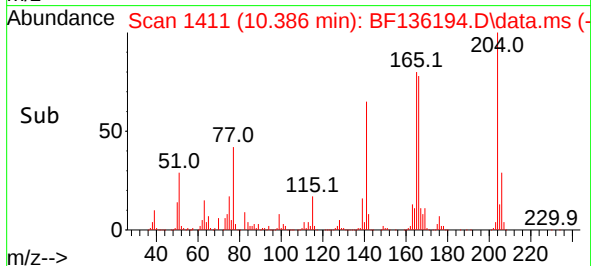


Tgt Ion:204 Resp: 384870
Ion Ratio Lower Upper
204 100
206 28.7 26.1 39.1
141 65.4 53.9 80.9

Manual Integrations

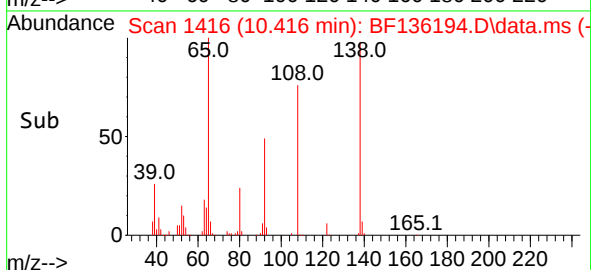
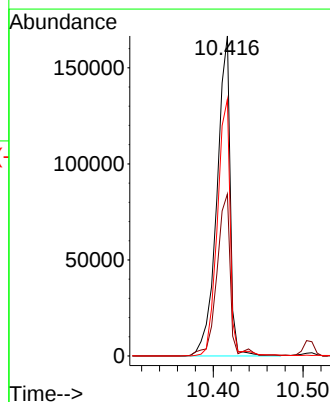
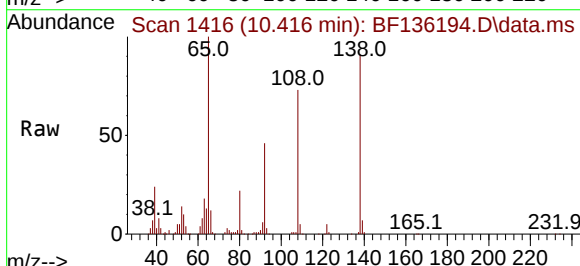
APPROVED

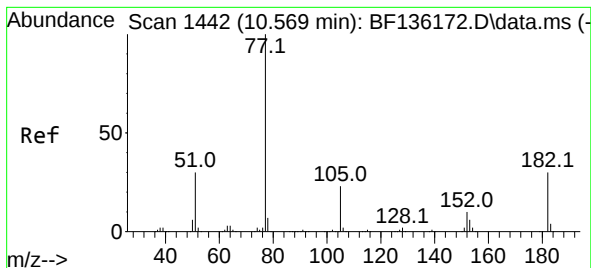
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023



#62
4-Nitroaniline
Concen: 45.765 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

Tgt Ion:138 Resp: 171366
Ion Ratio Lower Upper
138 100
92 50.6 26.6 66.6
108 80.2 58.0 98.0





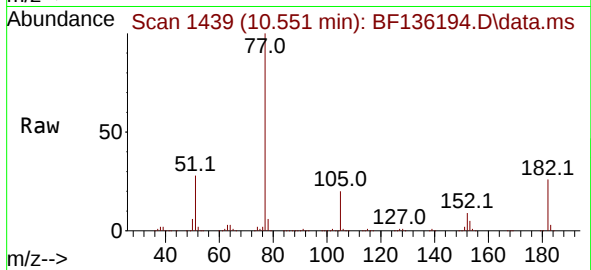
#63
Azobenzene
Concen: 50.906 ng
RT: 10.551 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

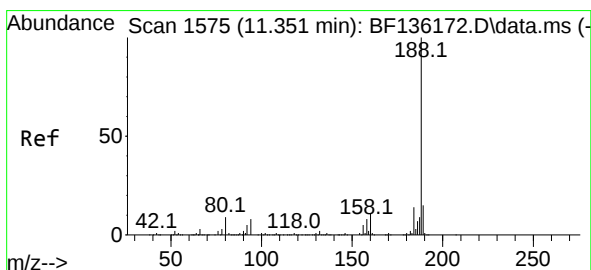
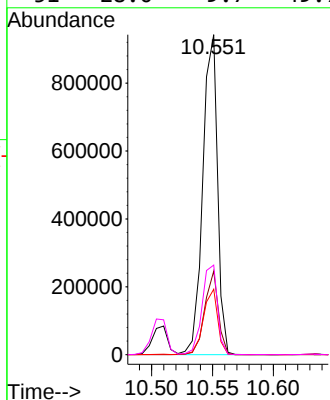
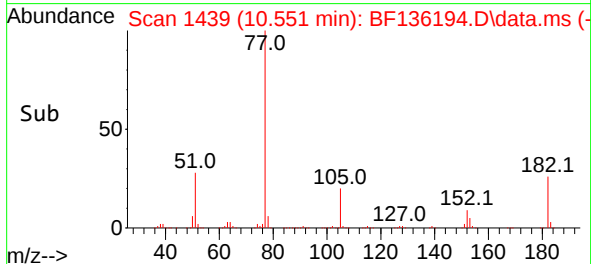


Tgt Ion: 77 Resp: 793529
Ion Ratio Lower Upper
77 100
182 26.1 10.3 50.3
105 20.5 2.6 42.6
51 28.0 9.7 49.7

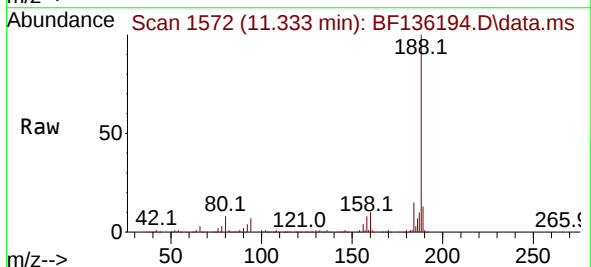
Manual Integrations

APPROVED

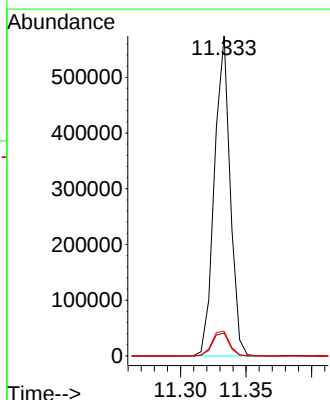
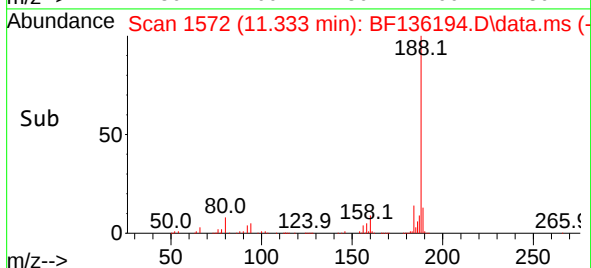
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023

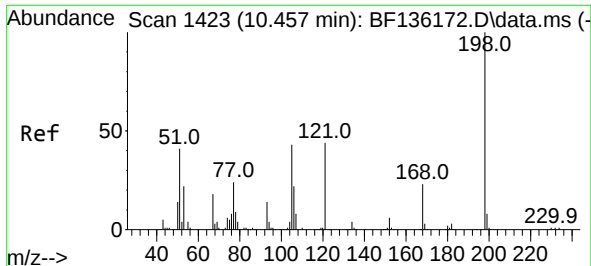


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32



Tgt Ion:188 Resp: 477948
Ion Ratio Lower Upper
188 100
94 7.2 6.6 9.8
80 7.7 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 36.913 ng
RT: 10.439 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

Instrument :

BNA_F

ClientSampleId :

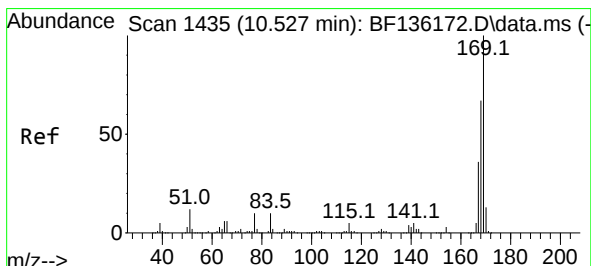
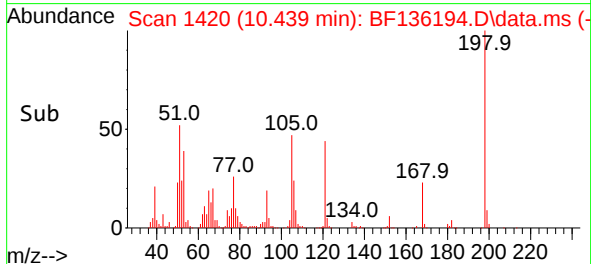
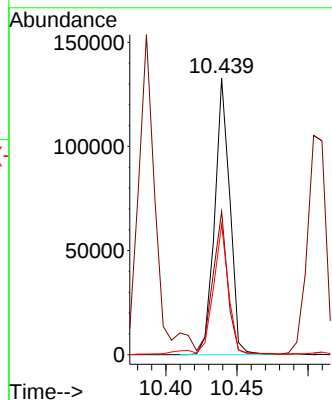
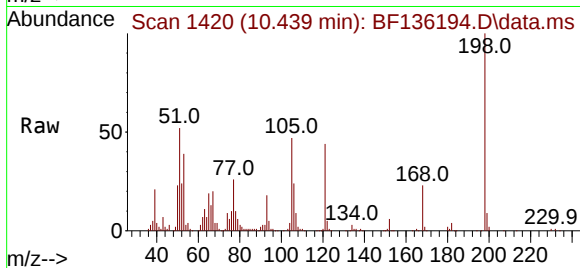
SSTDCCC040

Tgt Ion:198 Resp: 98229
Ion Ratio Lower Upper
198 100
51 51.8 27.3 67.3
105 47.1 24.2 64.2

Manual Integrations

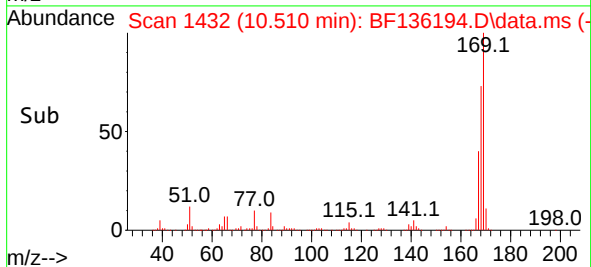
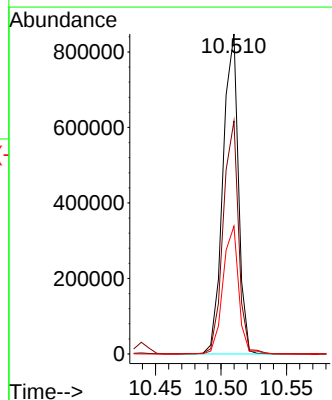
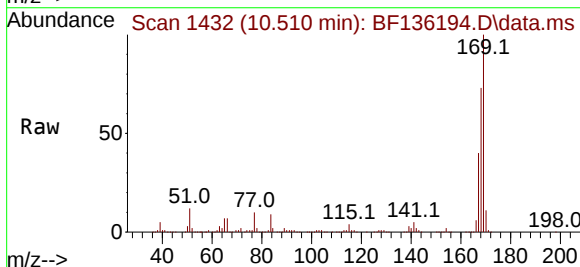
APPROVED

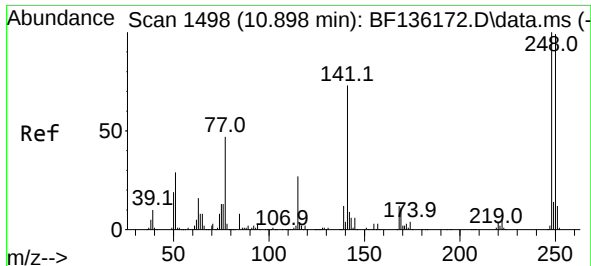
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023



#66
n-Nitrosodiphenylamine
Concen: 45.633 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

Tgt Ion:169 Resp: 691948
Ion Ratio Lower Upper
169 100
168 72.8 53.9 80.9
167 39.9 28.9 43.3





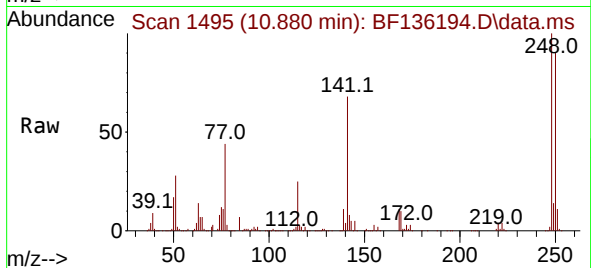
#67
4-Bromophenyl-phenylether
Concen: 44.574 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.006 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



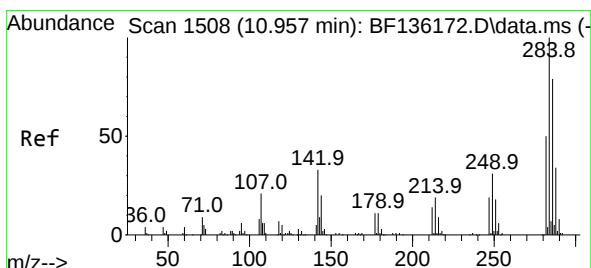
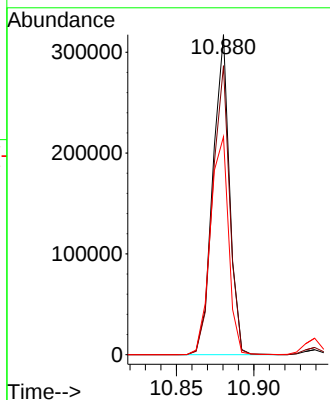
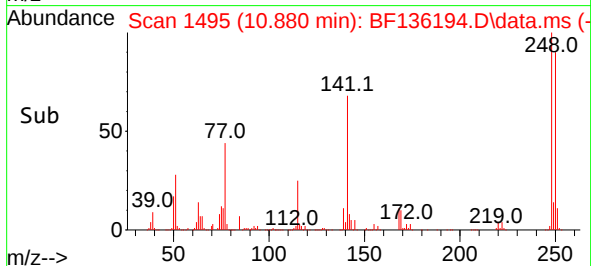
Tgt Ion:248 Resp: 237270
Ion Ratio Lower Upper
248 100
250 90.3 79.0 118.4
141 68.1 58.8 88.2

Manual Integrations

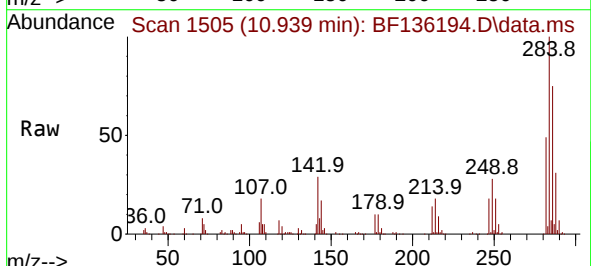
APPROVED

Reviewed By :Yogesh Patel 11/25/2023

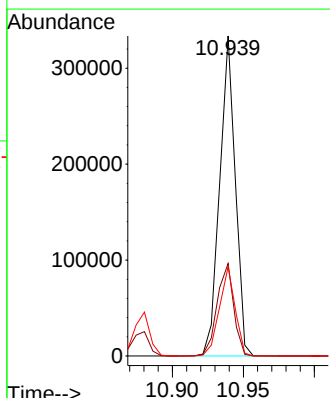
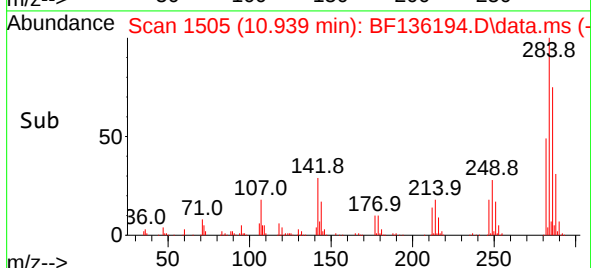
Supervised By :mohammad ahmed 11/27/2023

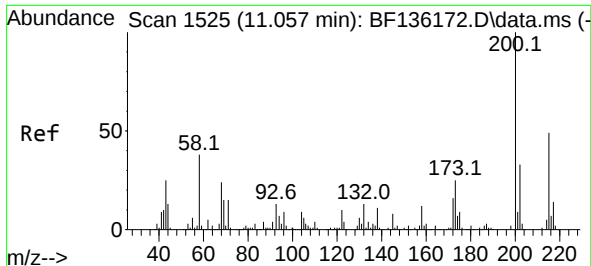


#68
Hexachlorobenzene
Concen: 45.060 ng
RT: 10.939 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32



Tgt Ion:284 Resp: 254649
Ion Ratio Lower Upper
284 100
142 28.9 26.6 39.8
249 27.9 24.6 37.0





#69
Atrazine
Concen: 39.013 ng
RT: 11.039 min Scan# 11039
Delta R.T. -0.000 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

Instrument :

BNA_F

ClientSampleId :

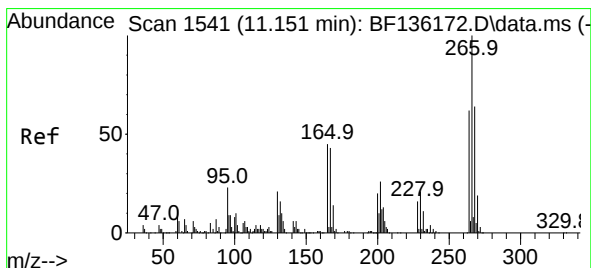
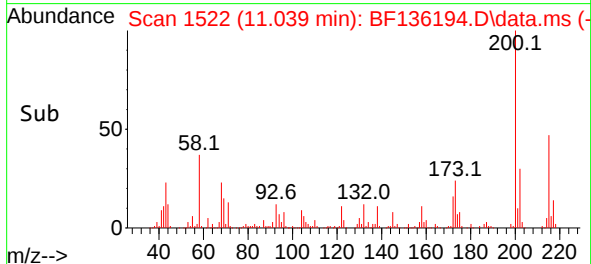
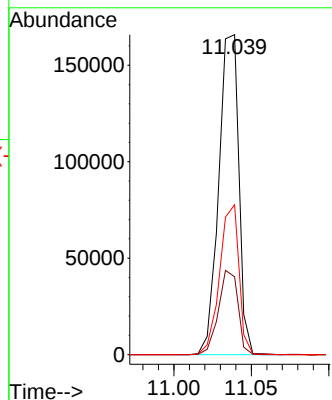
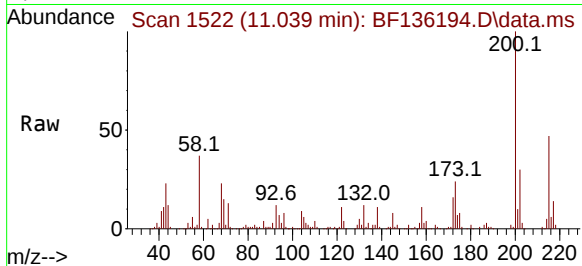
SSTDCCC040

Tgt Ion:200 Resp: 149860
Ion Ratio Lower Upper
200 100
173 24.3 4.9 44.9
215 46.9 28.9 68.9

Manual Integrations

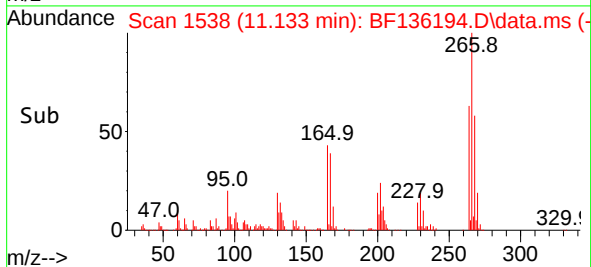
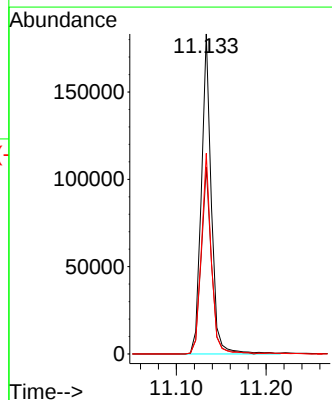
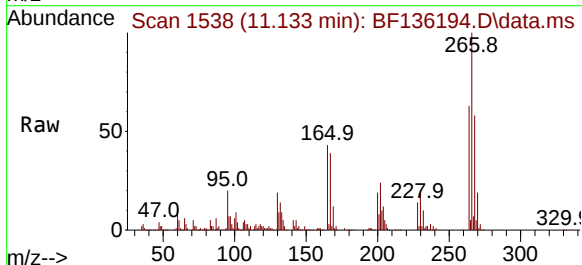
APPROVED

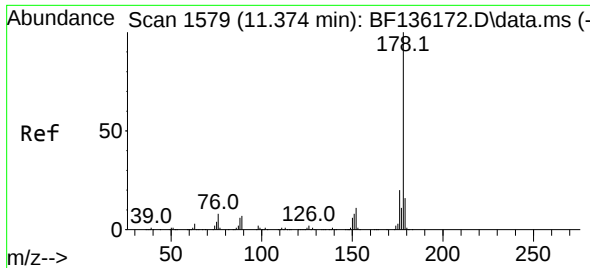
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023



#70
Pentachlorophenol
Concen: 44.682 ng
RT: 11.133 min Scan# 1538
Delta R.T. -0.006 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

Tgt Ion:266 Resp: 141229
Ion Ratio Lower Upper
266 100
268 58.4 50.8 76.2
264 62.7 50.0 75.0





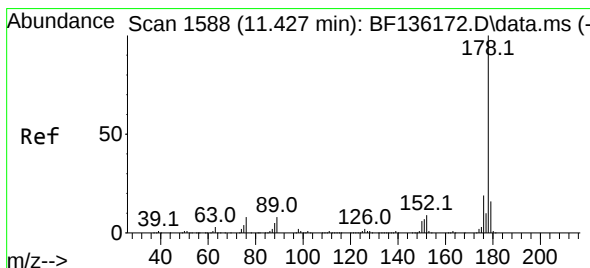
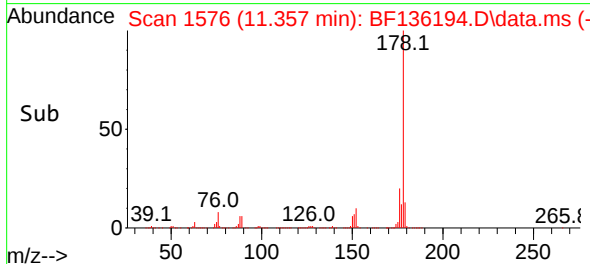
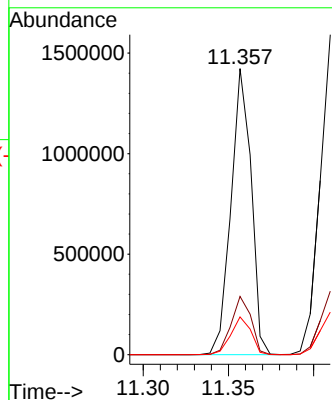
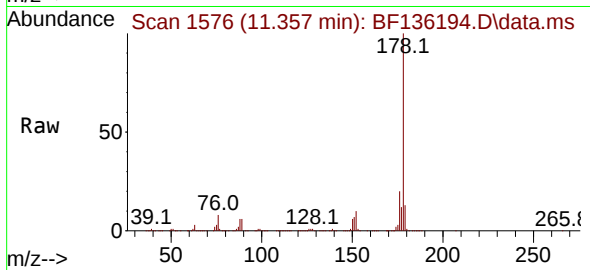
#71
Phenanthrene
Concen: 47.806 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 1170052
Ion Ratio Lower Upper
178 100
176 20.3 15.8 23.8
179 13.2 12.7 19.1

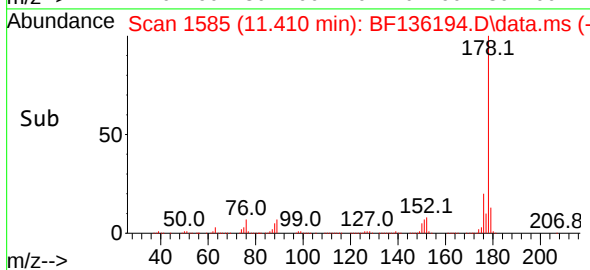
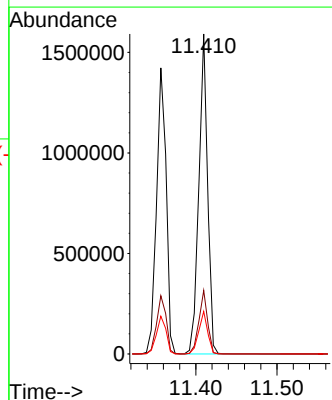
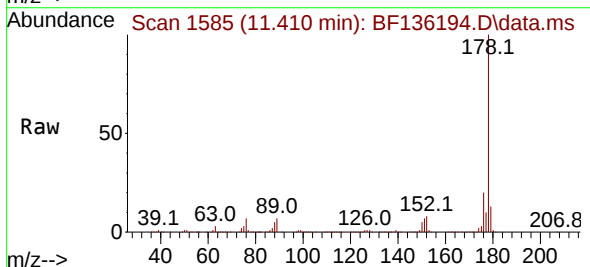
Manual Integrations
APPROVED

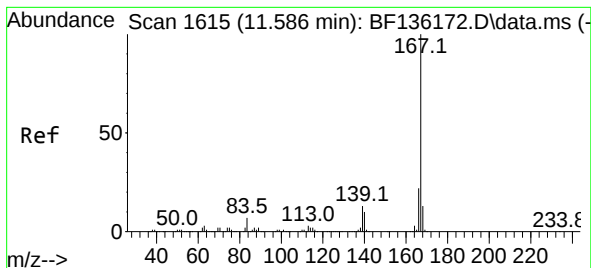
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023



#72
Anthracene
Concen: 48.140 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

Tgt Ion:178 Resp: 1202692
Ion Ratio Lower Upper
178 100
176 19.9 15.0 22.4
179 13.3 12.6 18.8





#73

Carbazole

Concen: 48.008 ng

RT: 11.569 min Scan# 1612

Delta R.T. -0.000 min

Lab File: BF136194.D

Acq: 24 Nov 2023 23:32

Instrument :

BNA_F

ClientSampleId :

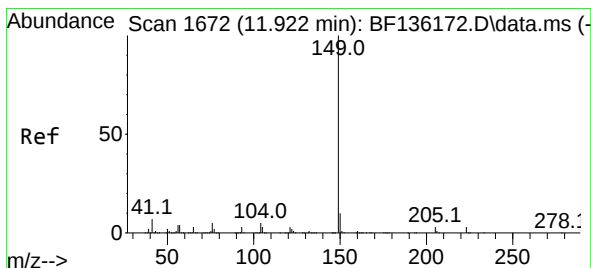
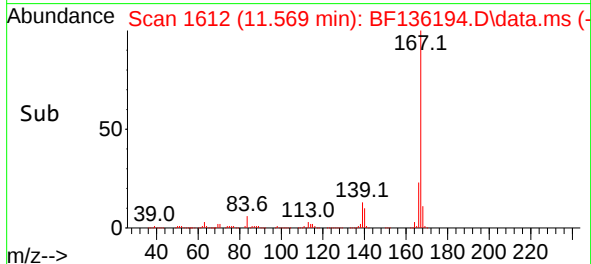
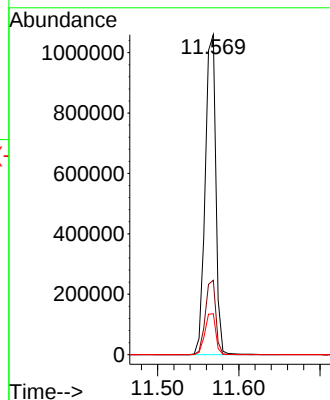
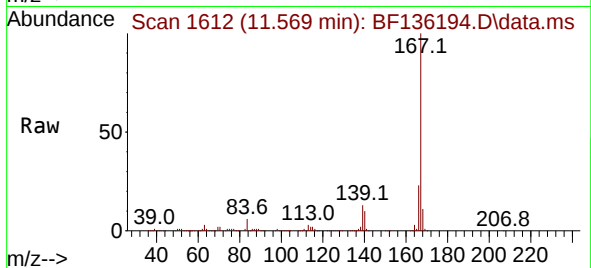
SSTDCCC040

Tgt Ion:167 Resp: 961070
 Ion Ratio Lower Upper
 167 100
 166 23.3 17.3 25.9
 139 12.8 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/25/2023
 Supervised By :mohammad ahmed 11/27/2023



#74

Di-n-butylphthalate

Concen: 51.546 ng

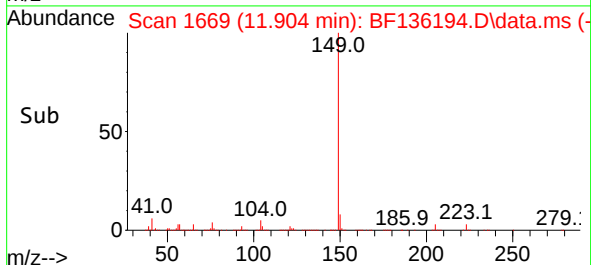
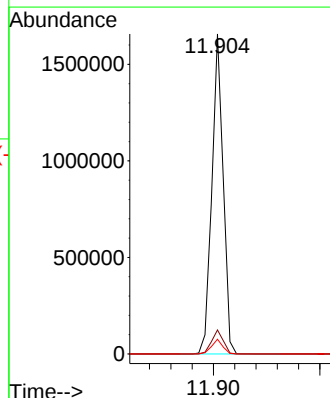
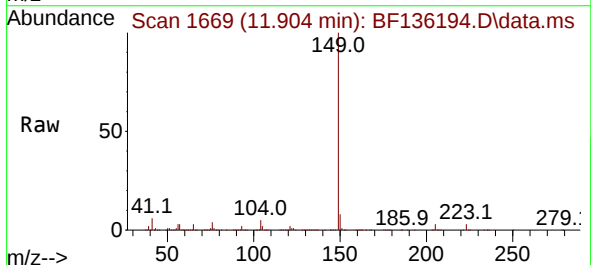
RT: 11.904 min Scan# 1669

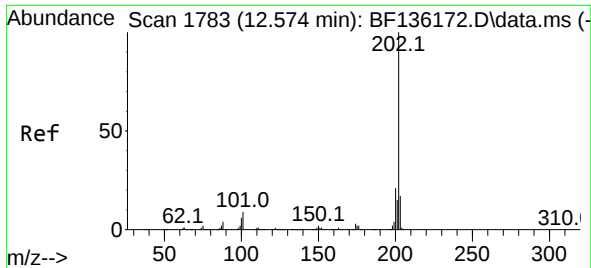
Delta R.T. -0.006 min

Lab File: BF136194.D

Acq: 24 Nov 2023 23:32

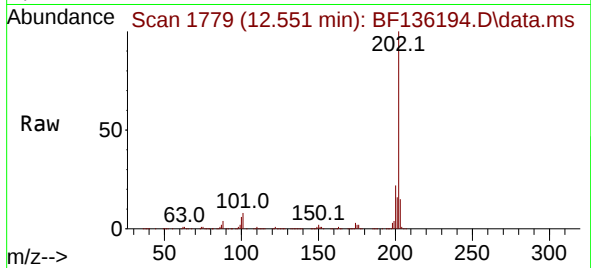
Tgt Ion:149 Resp: 1220756
 Ion Ratio Lower Upper
 149 100
 150 7.5 7.7 11.5#
 104 4.6 4.2 6.2





#75
Fluoranthene
Concen: 47.772 ng
RT: 12.551 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

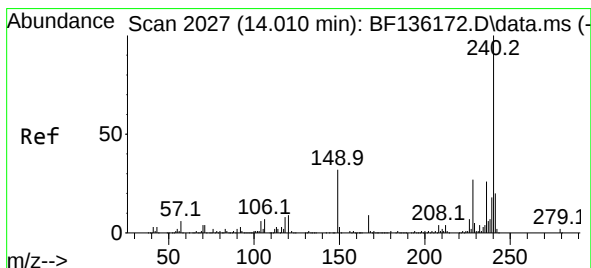
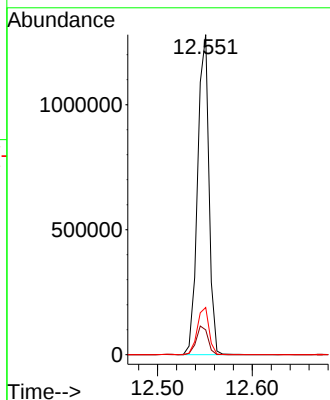
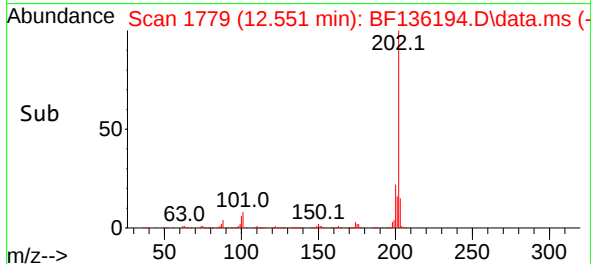
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 106774
Ion Ratio Lower Upper
202 100
101 7.8 0.0 28.6
203 14.8 0.0 37.2

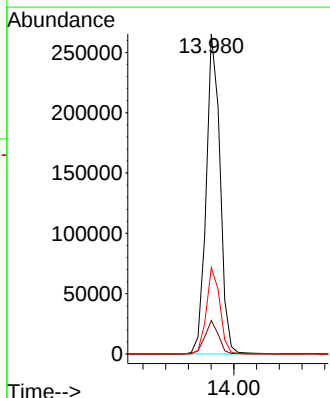
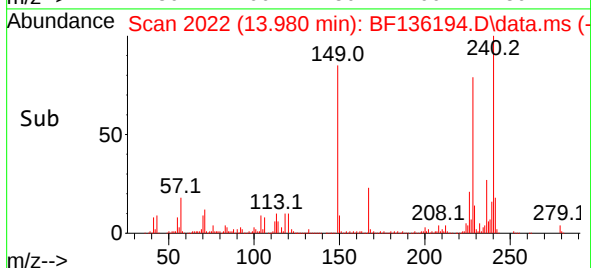
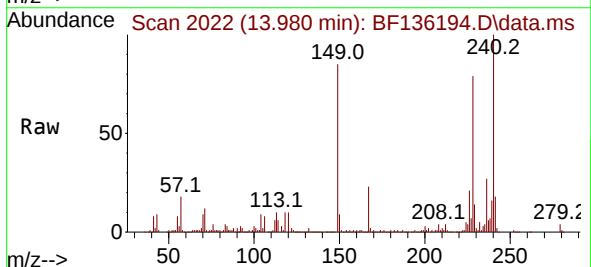
Manual Integrations
APPROVED

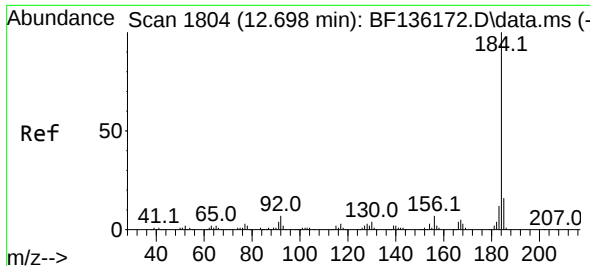
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

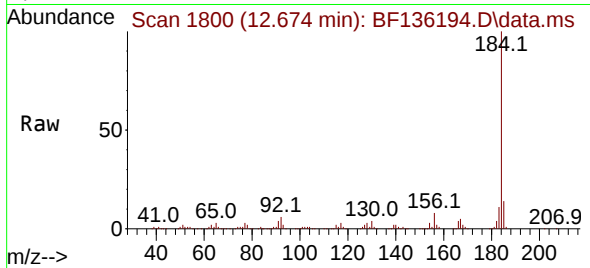
Tgt Ion:240 Resp: 224867
Ion Ratio Lower Upper
240 100
120 10.4 7.1 10.7
236 26.9 20.9 31.3





#77
Benzidine
Concen: 45.299 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

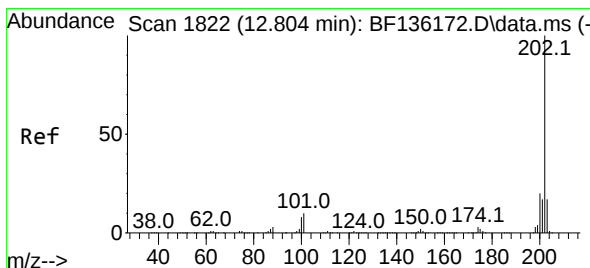
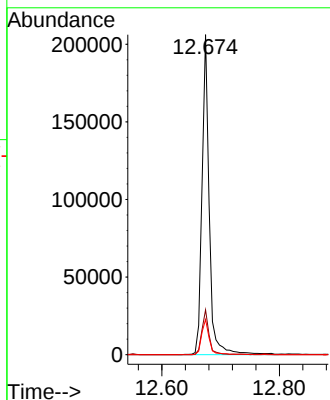
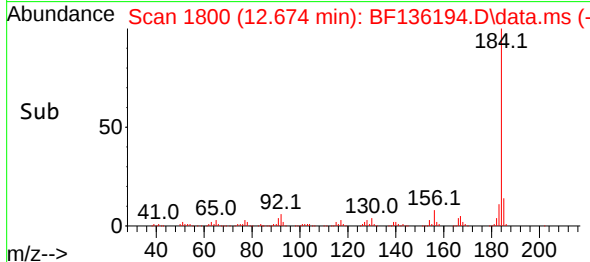
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:184 Resp: 17638
Ion Ratio Lower Upper
184 100
185 14.0 12.6 18.8
183 11.0 9.2 13.8

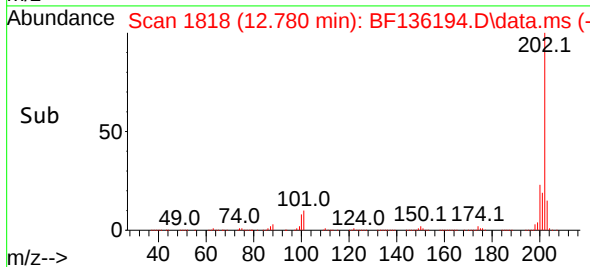
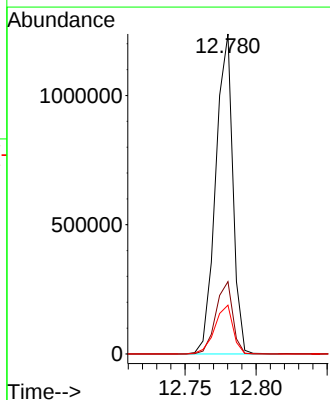
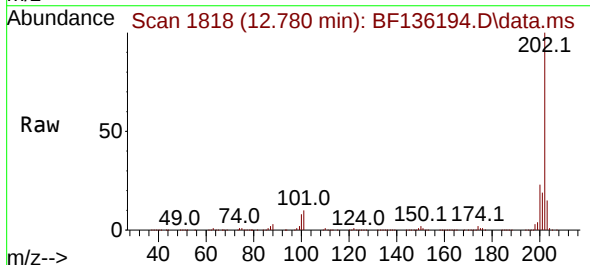
Manual Integrations
APPROVED

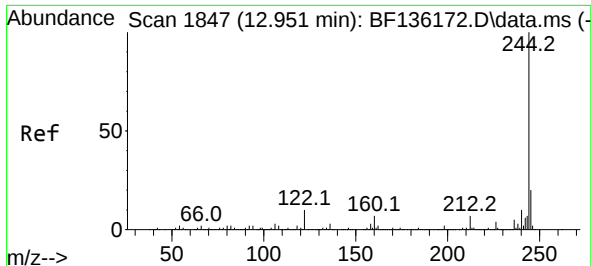
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023



#78
Pyrene
Concen: 49.475 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

Tgt Ion:202 Resp: 1040355
Ion Ratio Lower Upper
202 100
200 22.6 16.2 24.2
203 15.3 13.6 20.4





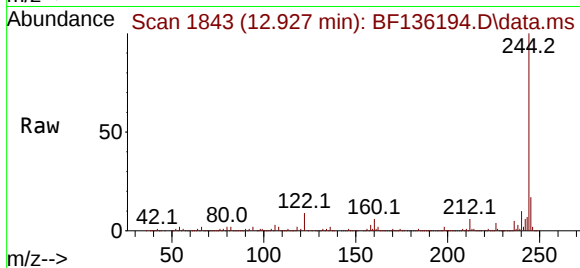
#79
 Terphenyl-d14
 Concen: 105.984 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF136194.D
 Acq: 24 Nov 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



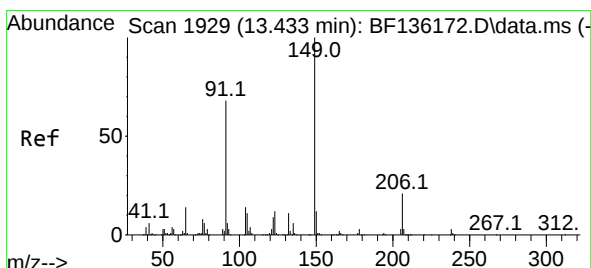
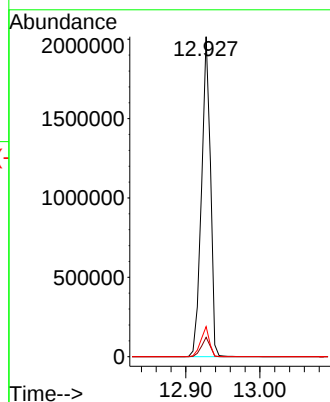
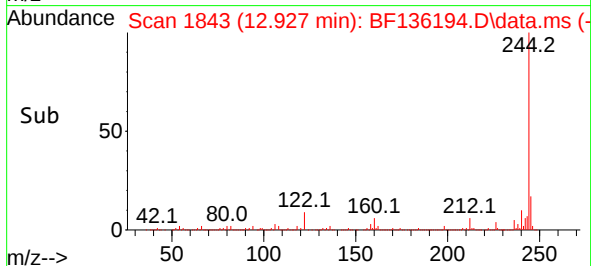
Tgt Ion:244 Resp: 167894
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.4 8.0
 122 9.4 8.1 12.1

Manual Integrations

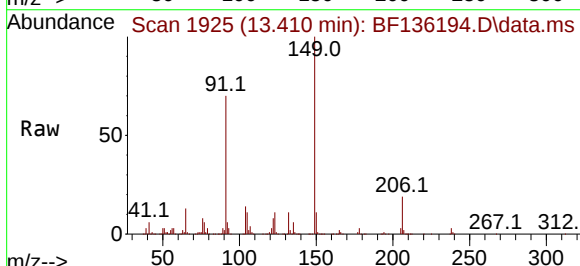
APPROVED

Reviewed By :Yogesh Patel 11/25/2023

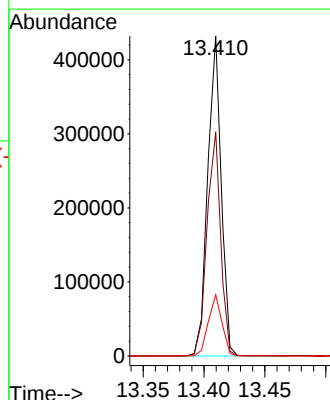
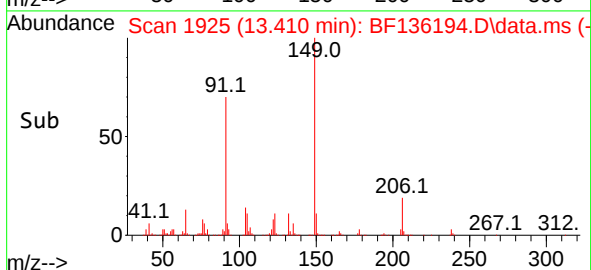
Supervised By :mohammad ahmed 11/27/2023

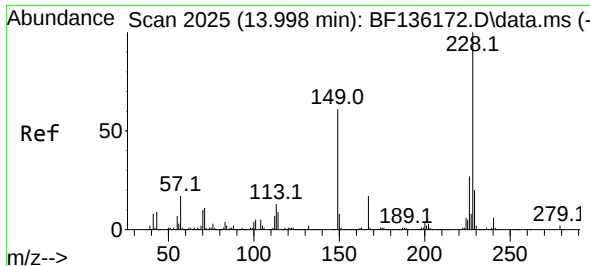


#80
 Butylbenzylphthalate
 Concen: 49.700 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF136194.D
 Acq: 24 Nov 2023 23:32



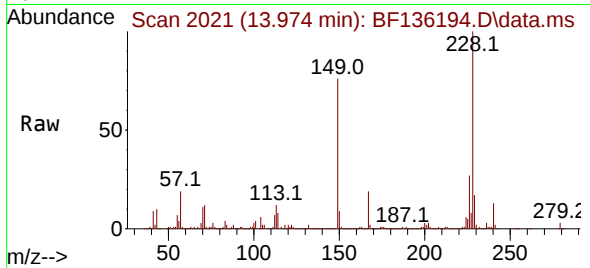
Tgt Ion:149 Resp: 333008
 Ion Ratio Lower Upper
 149 100
 91 70.0 54.2 81.2
 206 19.1 16.6 25.0





#81
Benzo(a)anthracene
Concen: 49.030 ng
RT: 13.974 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

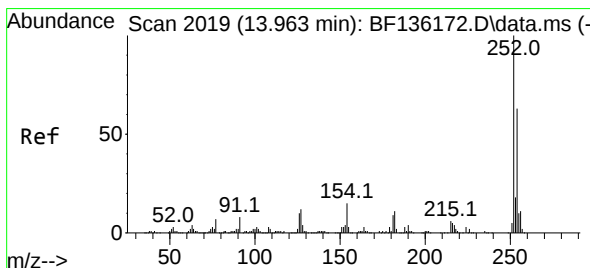
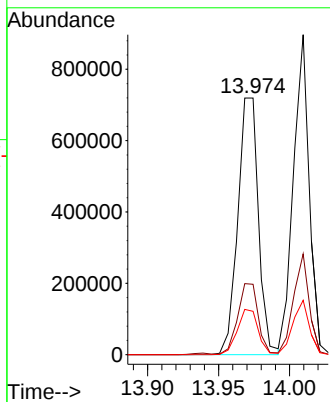
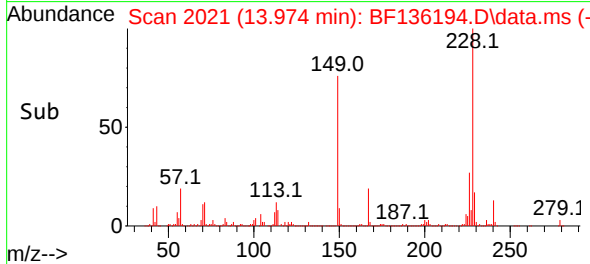
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



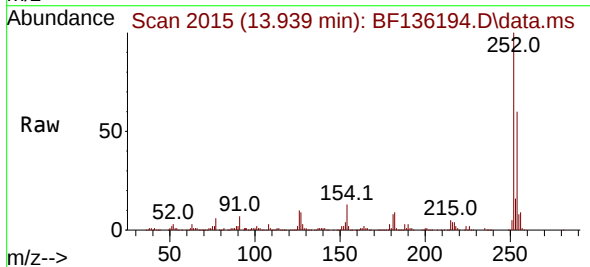
Tgt Ion:228 Resp: 731280
Ion Ratio Lower Upper
228 100
226 27.4 21.3 31.9
229 16.9 15.9 23.9

Manual Integrations
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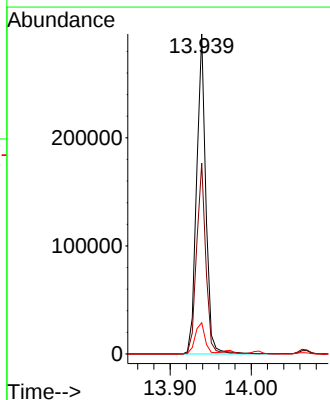
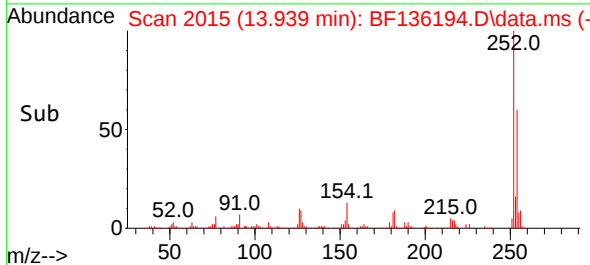
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023

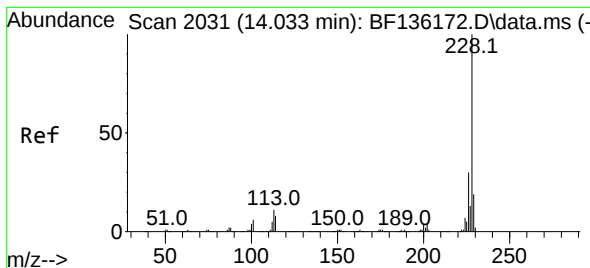


#82
3,3'-Dichlorobenzidine
Concen: 49.004 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32



Tgt Ion:252 Resp: 234641
Ion Ratio Lower Upper
252 100
254 59.7 50.7 76.1
126 9.8 8.2 12.2





#83

Chrysene

Concen: 48.284 ng

RT: 14.010 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF136194.D

Acq: 24 Nov 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 704550

Ion Ratio Lower Upper

228 100

226 31.5 23.8 35.6

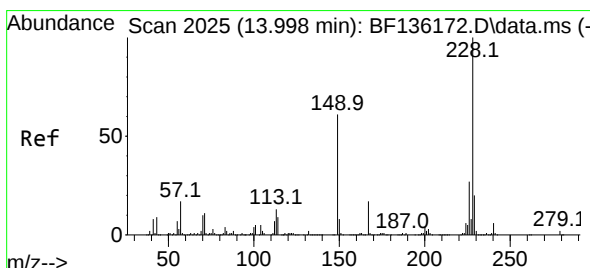
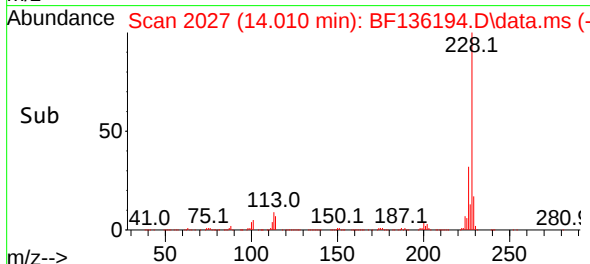
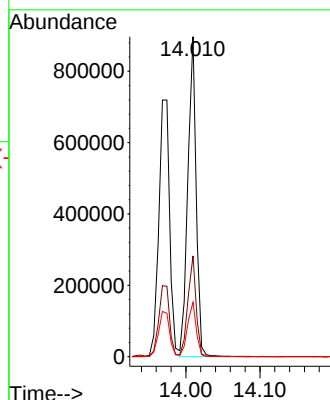
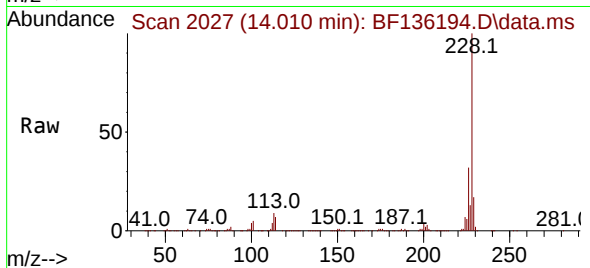
229 17.0 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/25/2023

Supervised By :mohammad ahmed 11/27/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.147 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136194.D

Acq: 24 Nov 2023 23:32

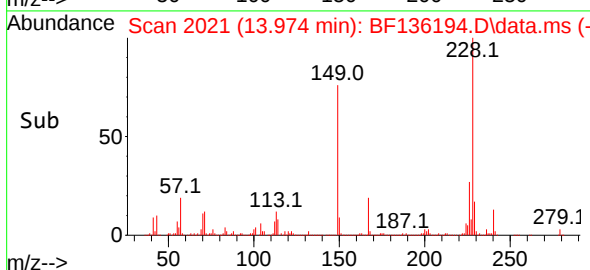
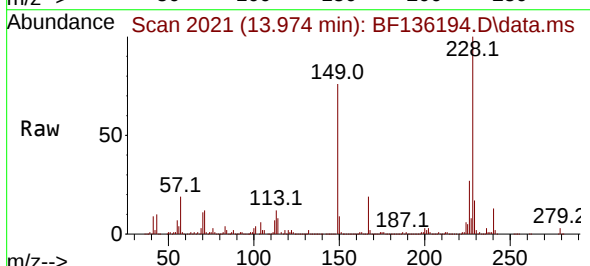
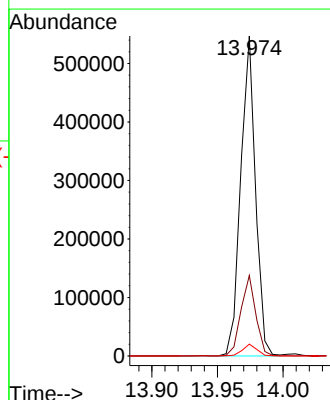
Tgt Ion:149 Resp: 429820

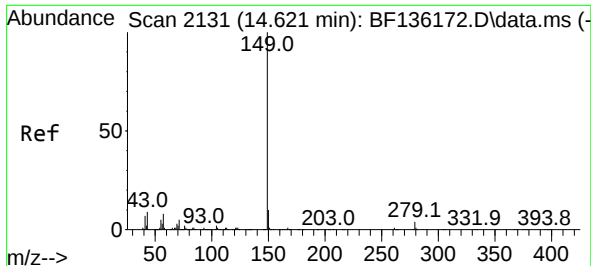
Ion Ratio Lower Upper

149 100

167 25.1 21.8 32.8

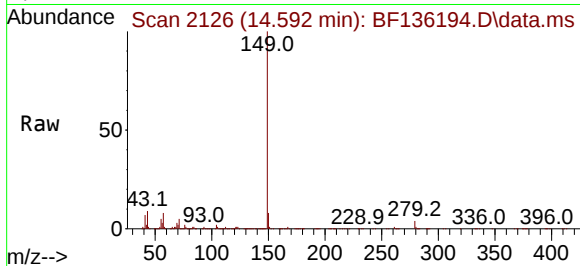
279 3.7 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 51.036 ng
RT: 14.592 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

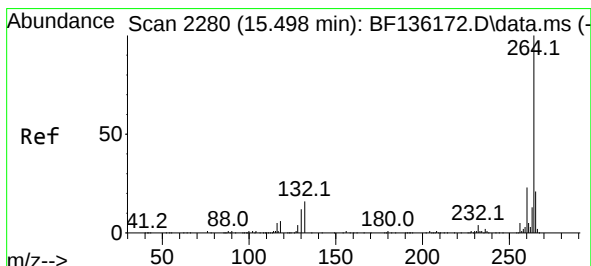
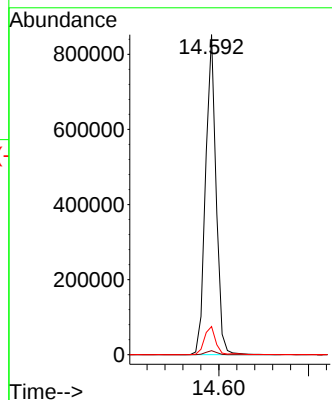
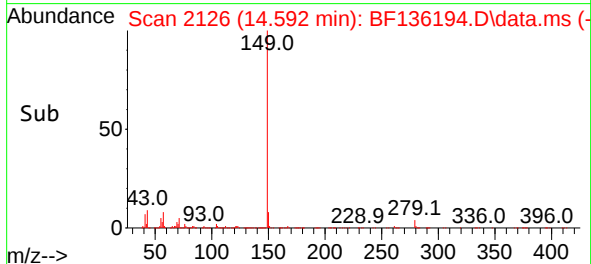
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 691048
Ion Ratio Lower Upper
149 100
167 1.3 1.1 1.7
43 9.8 7.8 11.8

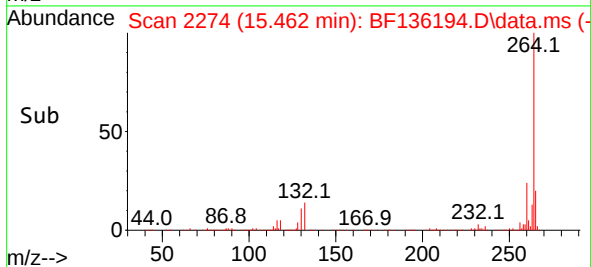
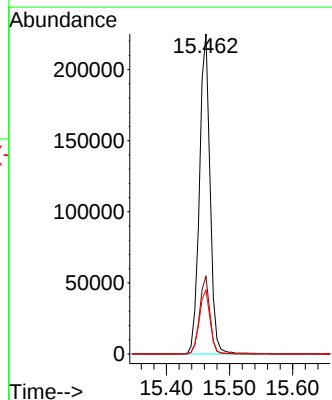
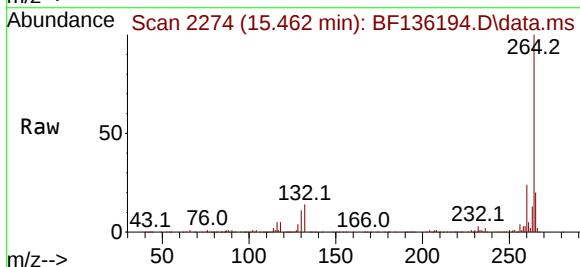
Manual Integrations
APPROVED

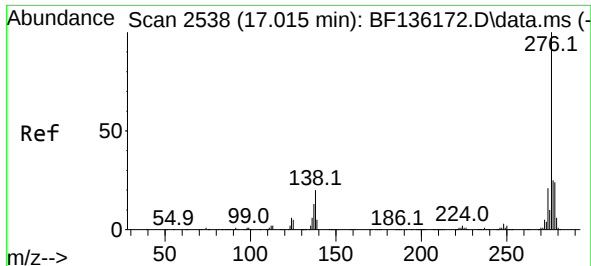
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

Tgt Ion:264 Resp: 260969
Ion Ratio Lower Upper
264 100
260 24.2 18.5 27.7
265 20.0 16.9 25.3





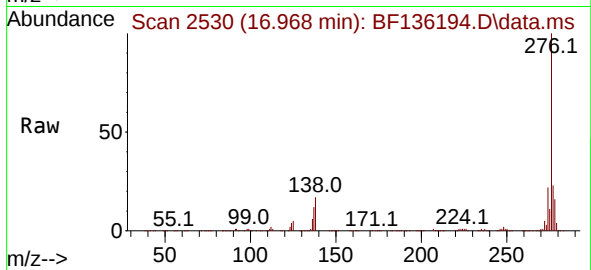
#87
Indeno(1,2,3-cd)pyrene
Concen: 43.853 ng
RT: 16.968 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

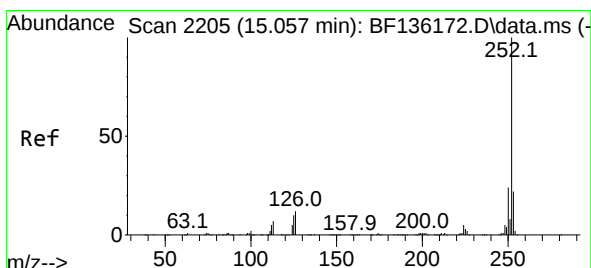
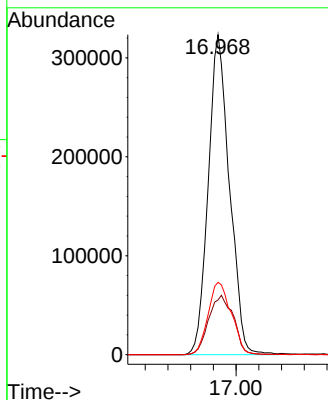
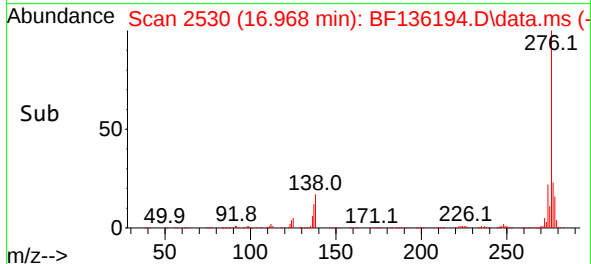


Tgt Ion:276 Resp: 838519
Ion Ratio Lower Upper
276 100
138 21.8 17.7 26.5
277 24.8 20.6 31.0

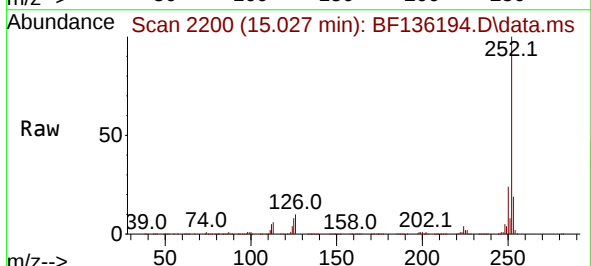
Manual Integrations

APPROVED

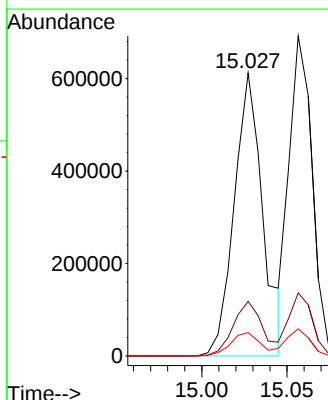
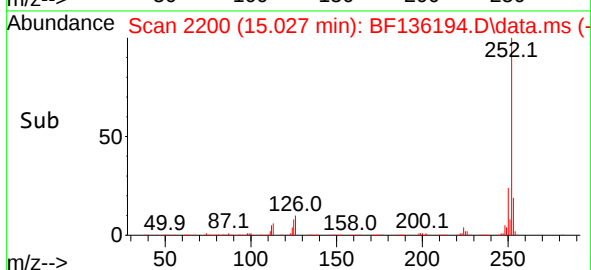
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023

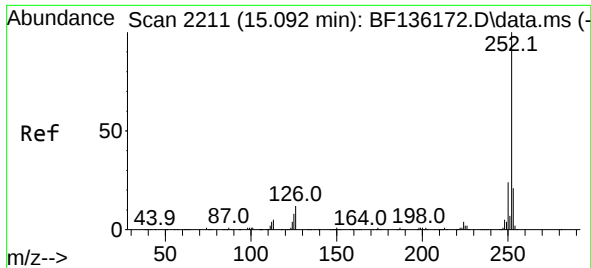


#88
Benzo(b)fluoranthene
Concen: 49.391 ng
RT: 15.027 min Scan# 2200
Delta R.T. -0.006 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32



Tgt Ion:252 Resp: 711638
Ion Ratio Lower Upper
252 100
253 19.3 17.6 26.4
125 8.3 7.8 11.8





#89
Benzo(k)fluoranthene
Concen: 45.591 ng
RT: 15.057 min Scan# 211
Delta R.T. -0.006 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

Instrument :

BNA_F

ClientSampleId :

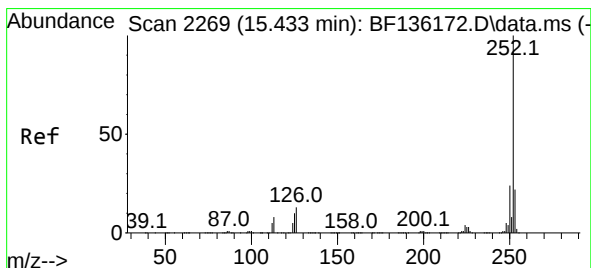
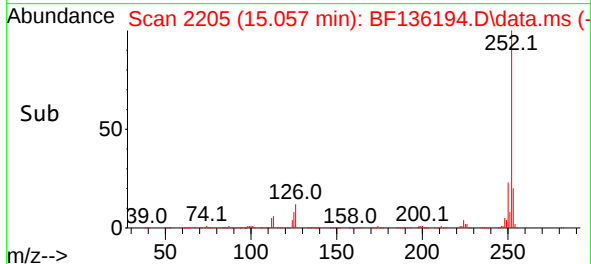
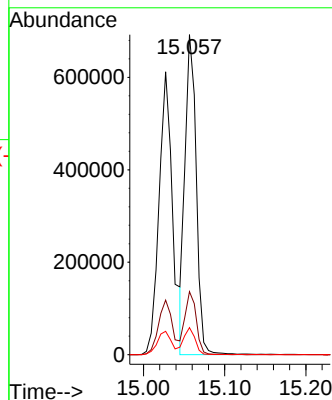
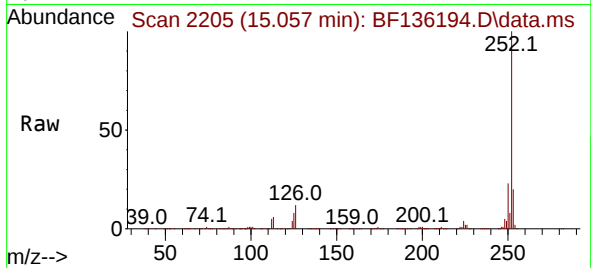
SSTDCCC040

Tgt Ion:252 Resp: 66148
Ion Ratio Lower Upper
252 100
253 19.7 17.3 25.9
125 8.4 6.7 10.1

Manual Integrations

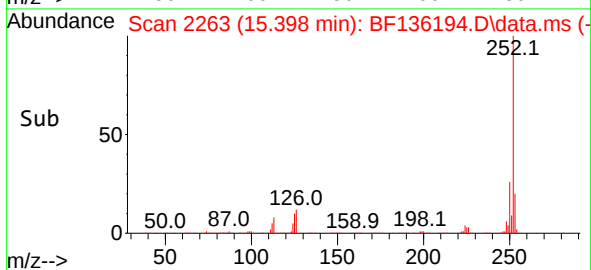
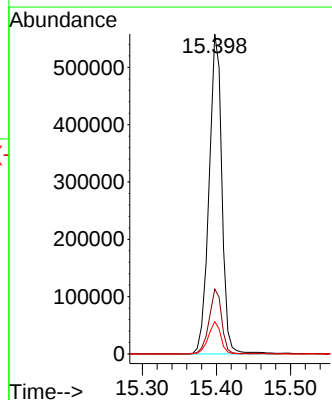
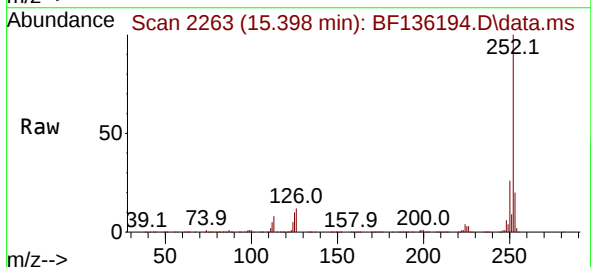
APPROVED

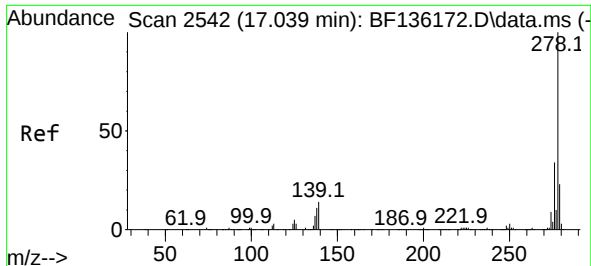
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023



#90
Benzo(a)pyrene
Concen: 47.229 ng
RT: 15.398 min Scan# 2263
Delta R.T. -0.012 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

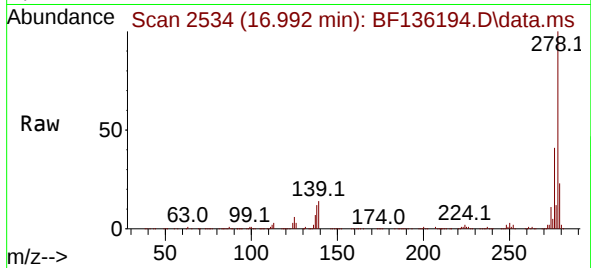
Tgt Ion:252 Resp: 671181
Ion Ratio Lower Upper
252 100
253 20.3 17.3 25.9
125 10.1 7.7 11.5





#91
Dibenzo(a,h)anthracene
Concen: 42.936 ng
RT: 16.992 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32

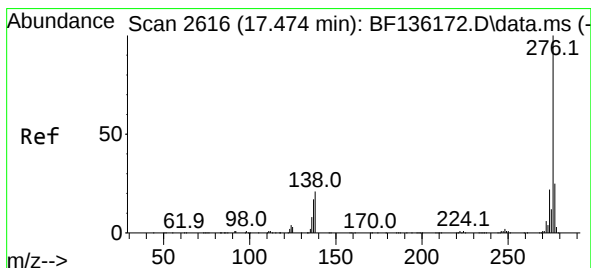
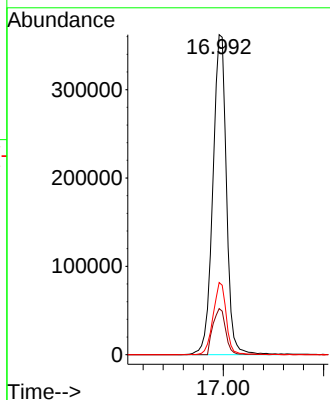
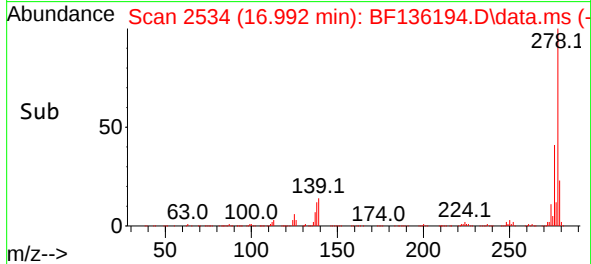
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



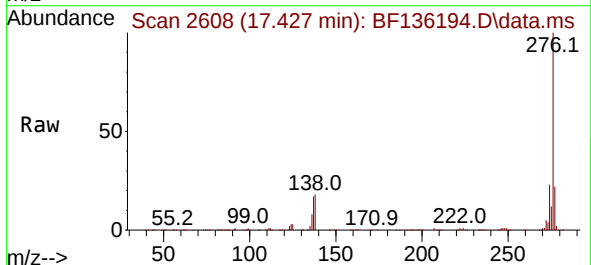
Tgt Ion:278 Resp: 68040
Ion Ratio Lower Upper
278 100
139 14.4 11.2 16.8
279 22.6 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023



#92
Benzo(g,h,i)perylene
Concen: 41.812 ng
RT: 17.427 min Scan# 2608
Delta R.T. -0.012 min
Lab File: BF136194.D
Acq: 24 Nov 2023 23:32



Tgt Ion:276 Resp: 671775
Ion Ratio Lower Upper
276 100
277 21.8 19.8 29.6
138 18.0 16.4 24.6

