

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121923\
 Data File : BF136637.D
 Acq On : 19 Dec 2023 18:43
 Operator : CG\JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/20/2023
 Supervised By :mohammad ahmed 12/20/2023

Quant Time: Dec 20 10:11:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 04:16:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	76116	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	296138	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	151670	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	281710	20.000	ng	0.00
76) Chrysene-d12	13.974	240	137602	20.000	ng	0.00
86) Perylene-d12	15.451	264	141454	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	706168	144.041	ng	0.00
7) Phenol-d6	6.457	99	913613	145.603	ng	0.01
23) Nitrobenzene-d5	7.369	82	870029	152.563	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	253412	143.281	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1560620	140.582	ng	0.00
79) Terphenyl-d14	12.922	244	1419618	145.278	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.552	88	153403	76.234	ng	97
3) Pyridine	3.328	79	373152	75.442	ng	98
4) n-Nitrosodimethylamine	3.310	42	209919	78.699	ng	95
6) Aniline	6.469	93	443084	70.974	ng	# 1
8) 2-Chlorophenol	6.593	128	389124	72.598	ng	99
9) Benzaldehyde	6.357	77	207360	55.033	ng	97
10) Phenol	6.469	94	485346	72.558	ng	94
11) bis(2-Chloroethyl)ether	6.545	93	386508	74.902	ng	100
12) 1,3-Dichlorobenzene	6.740	146	426191	73.280	ng	98
13) 1,4-Dichlorobenzene	6.816	146	427245	72.355	ng	98
14) 1,2-Dichlorobenzene	6.969	146	390394	70.834	ng	96
15) Benzyl Alcohol	6.951	79	315178	72.137	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	612493	72.555	ng	99
17) 2-Methylphenol	7.063	107	320539	73.490	ng	94
18) Hexachloroethane	7.304	117	158817	74.062	ng	99
19) n-Nitroso-di-n-propyla...	7.228	70	279806	71.923	ng	96
20) 3+4-Methylphenols	7.222	107	383326	69.794	ng	# 78
22) Acetophenone	7.216	105	541453	73.081	ng	96
24) Nitrobenzene	7.387	77	443911	76.679	ng	95
25) Isophorone	7.622	82	802997	75.484	ng	99
26) 2-Nitrophenol	7.698	139	214936	78.354	ng	96
27) 2,4-Dimethylphenol	7.739	122	256027	74.312	ng	98
28) bis(2-Chloroethoxy)met...	7.834	93	482516	74.943	ng	100
29) 2,4-Dichlorophenol	7.939	162	317551	74.352	ng	96
30) 1,2,4-Trichlorobenzene	8.016	180	354412	73.745	ng	99
31) Naphthalene	8.098	128	1181600	73.024	ng	100
32) Benzoic acid	7.904	122	262213	82.052	ng	97
33) 4-Chloroaniline	8.151	127	452575	75.153	ng	100
34) Hexachlorobutadiene	8.210	225	215918	73.488	ng	99
35) Caprolactam	8.557	113	87099	60.993	ng	91
36) 4-Chloro-3-methylphenol	8.645	107	357873	73.611	ng	98
37) 2-Methylnaphthalene	8.786	142	751836	72.306	ng	99
38) 1-Methylnaphthalene	8.886	142	736871	71.915	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	348150	75.642	ng	99
41) Hexachlorocyclopentadiene	8.939	237	125215	80.476	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	229712	76.104	ng	100

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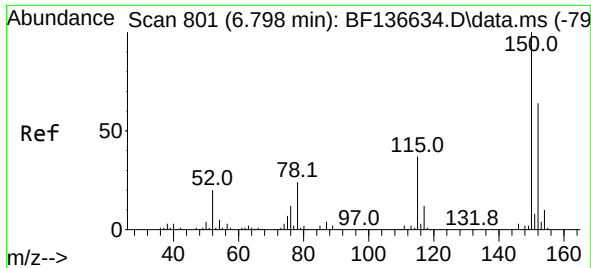
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	251679	75.637	ng	98
46) 1,1'-Biphenyl	9.257	154	927163	73.124	ng	99
47) 2-Chloronaphthalene	9.281	162	719634	75.158	ng	98
48) 2-Nitroaniline	9.381	65	234704	77.523	ng	97
49) Acenaphthylene	9.698	152	1058139	71.961	ng	100
50) Dimethylphthalate	9.569	163	814352	74.873	ng	99
51) 2,6-Dinitrotoluene	9.628	165	187256	75.556	ng	94
52) Acenaphthene	9.869	154	658073	72.378	ng	99
53) 3-Nitroaniline	9.798	138	203735	76.512	ng	97
54) 2,4-Dinitrophenol	9.904	184	111016	87.823	ng	95
55) Dibenzofuran	10.045	168	956509	69.778	ng	100
56) 4-Nitrophenol	9.969	139	140159	77.177	ng	95
57) 2,4-Dinitrotoluene	10.033	165	229236	71.835	ng	# 84
58) Fluorene	10.386	166	754940	69.379	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	190135	73.400	ng	98
60) Diethylphthalate	10.263	149	818204	72.346	ng	100
61) 4-Chlorophenyl-phenyle...	10.375	204	366588	69.951	ng	97
62) 4-Nitroaniline	10.422	138	190182	72.190	ng	97
63) Azobenzene	10.539	77	775523	73.398	ng	99
65) 4,6-Dinitro-2-methylph...	10.445	198	138593	83.324	ng	78
66) n-Nitrosodiphenylamine	10.504	169	678433	73.282	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	229583	72.917	ng	96
68) Hexachlorobenzene	10.933	284	258882	73.689	ng	95
69) Atrazine	11.028	200	89372	40.629	ng	98
70) Pentachlorophenol	11.128	266	130706	76.545	ng	99
71) Phenanthrene	11.351	178	1028641	70.692	ng	99
72) Anthracene	11.404	178	1054537	71.683	ng	99
73) Carbazole	11.563	167	968482	70.276	ng	99
74) Di-n-butylphthalate	11.892	149	1195444	70.996	ng	100
75) Fluoranthene	12.545	202	1045036	67.394	ng	98
77) Benzidine	12.663	184	164730	43.299	ng	96
78) Pyrene	12.774	202	1030779	75.937	ng	99
80) Butylbenzylphthalate	13.392	149	380819	79.024	ng	98
81) Benzo(a)anthracene	13.963	228	692523	72.588	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	170635	66.040	ng	96
83) Chrysene	14.004	228	687294	74.565	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	477691	79.305	ng	100
85) Di-n-octyl phthalate	14.574	149	808274	86.101	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	835264	83.046	ng	100
88) Benzo(b)fluoranthene	15.021	252	662380	69.735	ng	100
89) Benzo(k)fluoranthene	15.057	252	645069	72.615	ng	98
90) Benzo(a)pyrene	15.392	252	598070	74.506	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	672146	81.507	ng	98
92) Benzo(g,h,i)perylene	17.427	276	709911	83.663	ng	99

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

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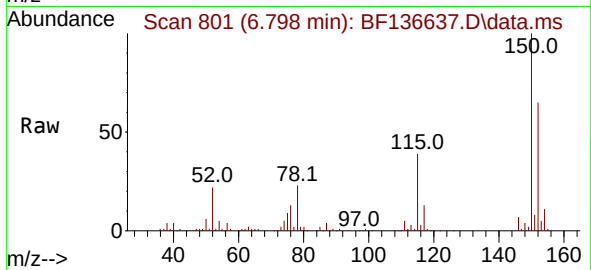
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF136637.D
 Acq: 19 Dec 2023 18:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

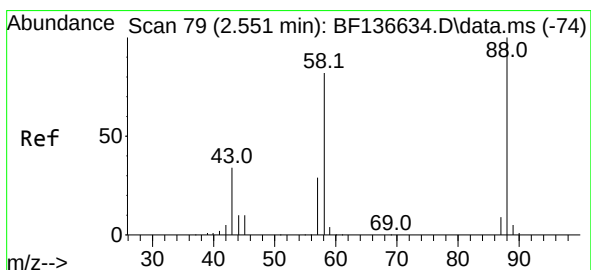
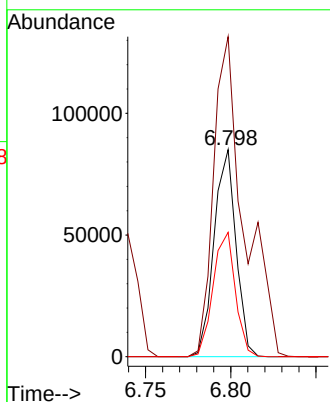
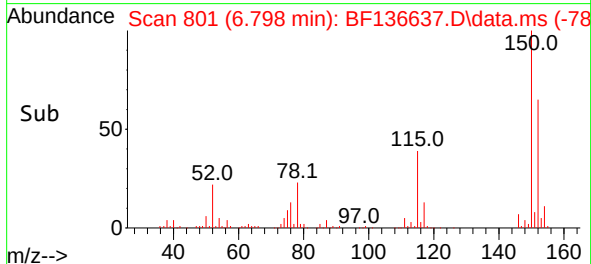


Tgt Ion:152 Resp: 76110
 Ion Ratio Lower Upper
 152 100
 150 154.6 125.3 187.9
 115 60.0 46.4 69.6

Manual Integrations

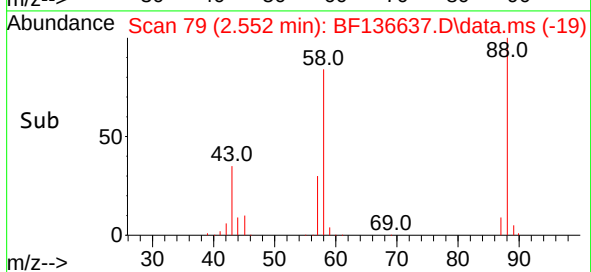
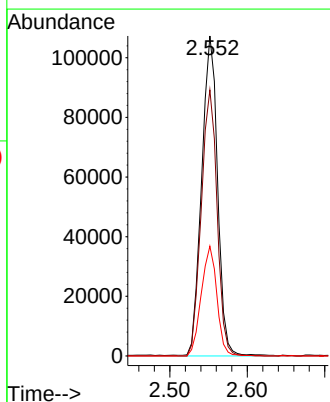
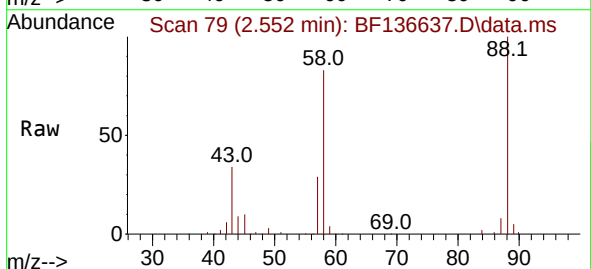
APPROVED

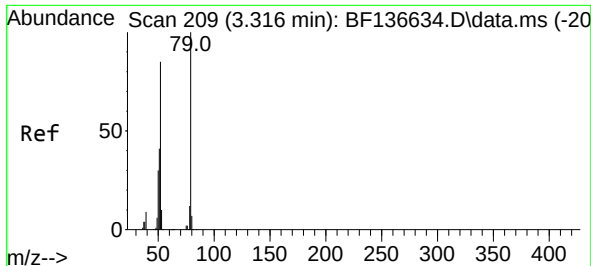
Reviewed By :Yogesh Patel 12/20/2023
 Supervised By :mohammad ahmed 12/20/2023



#2
 1,4-Dioxane
 Concen: 76.234 ng
 RT: 2.552 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF136637.D
 Acq: 19 Dec 2023 18:43

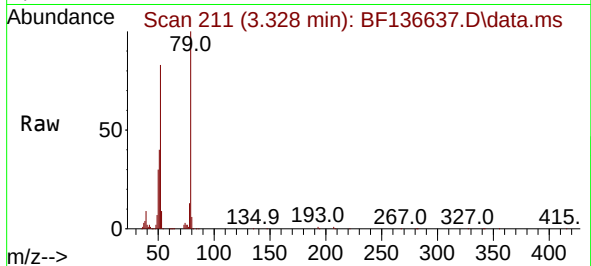
Tgt Ion: 88 Resp: 153403
 Ion Ratio Lower Upper
 88 100
 58 82.4 63.3 94.9
 43 33.5 26.4 39.6





#3
Pyridine
Concen: 75.442 ng
RT: 3.328 min Scan# 211
Delta R.T. 0.012 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

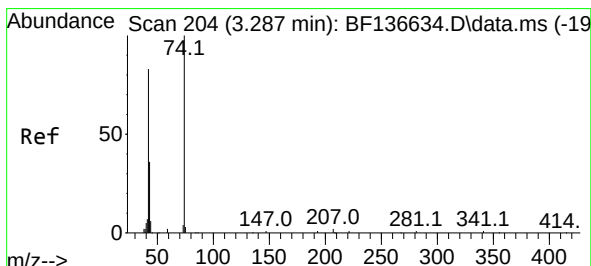
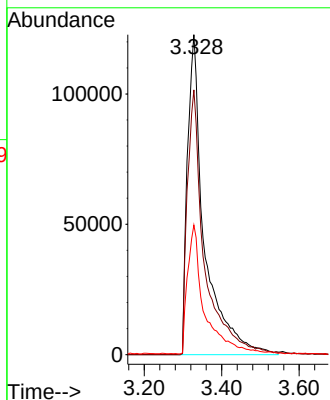
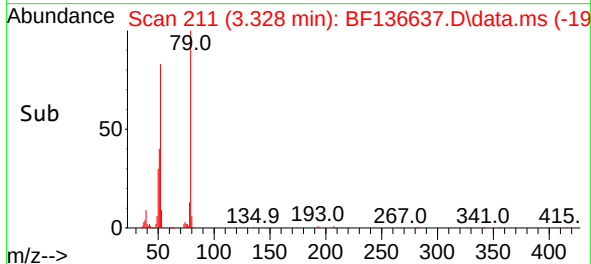
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



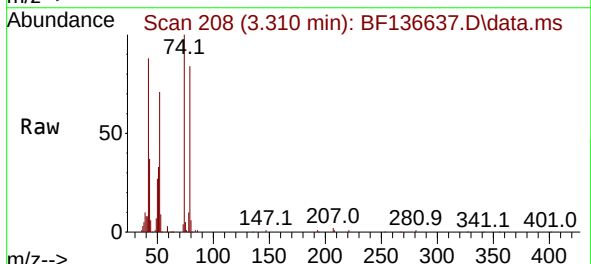
Tgt Ion: 79 Resp: 37315
Ion Ratio Lower Upper
79 100
52 82.7 67.6 101.4
51 40.5 32.9 49.3

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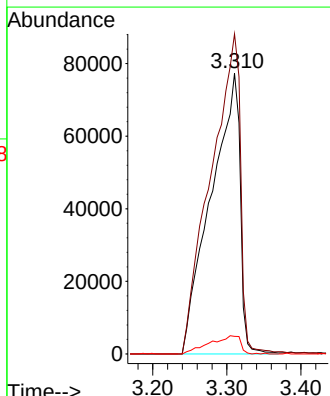
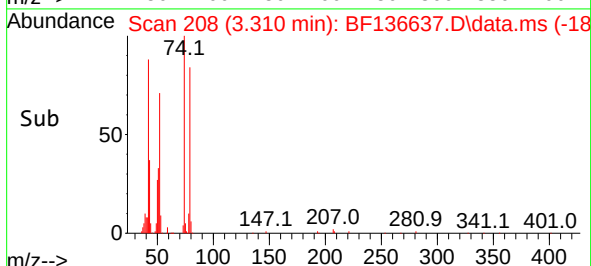
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

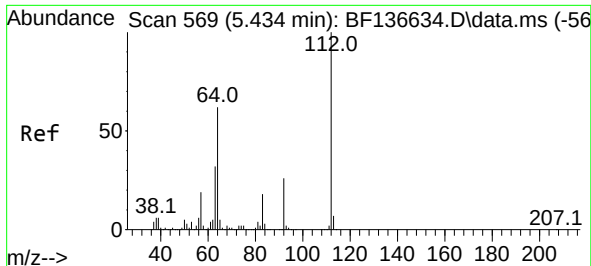


#4
n-Nitrosodimethylamine
Concen: 78.699 ng
RT: 3.310 min Scan# 208
Delta R.T. 0.024 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43



Tgt Ion: 42 Resp: 209919
Ion Ratio Lower Upper
42 100
74 114.0 96.2 144.4
44 6.3 5.7 8.5





#5
2-Fluorophenol
Concen: 144.041 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

Instrument :

BNA_F

ClientSampleId :

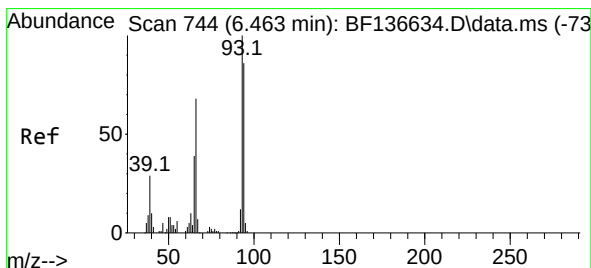
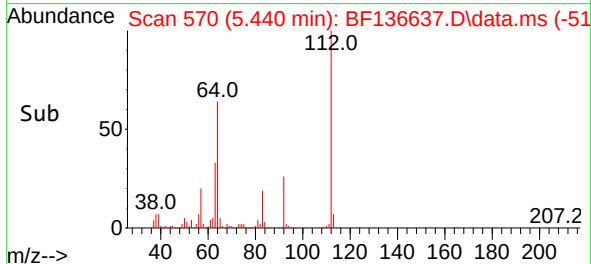
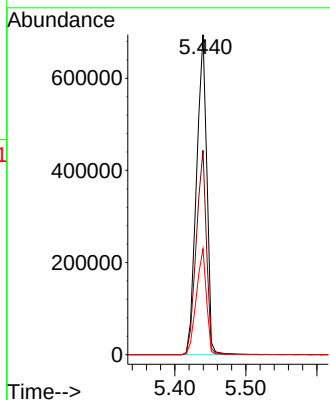
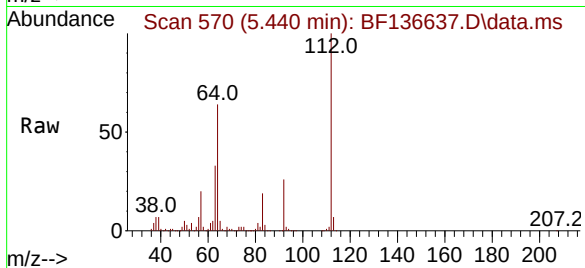
SSTDICC080

Tgt Ion:112 Resp: 706168
Ion Ratio Lower Upper
112 100
64 63.9 49.7 74.5
63 33.1 25.8 38.6

Manual Integrations

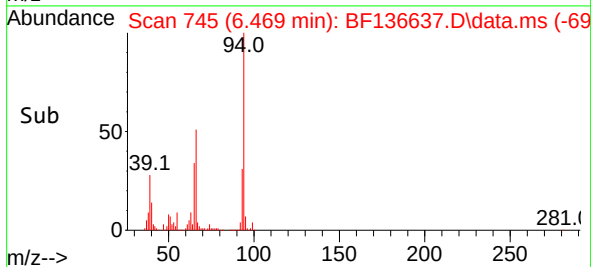
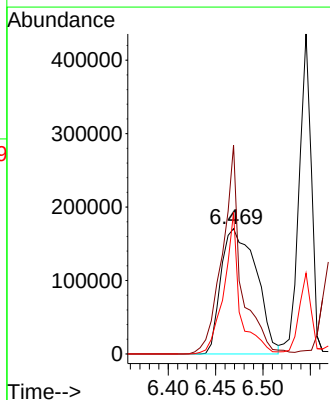
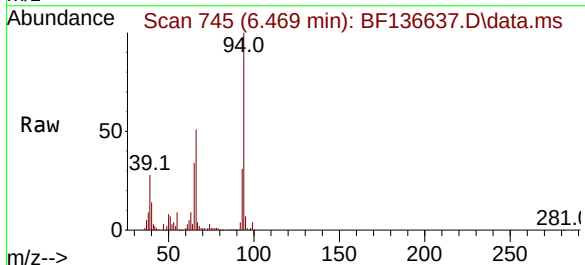
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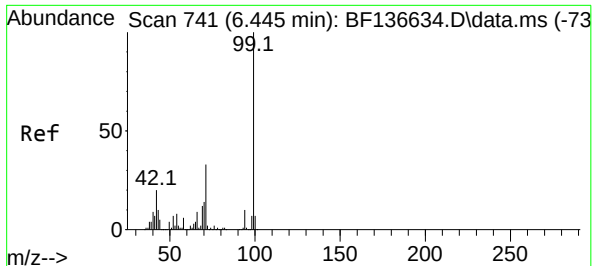
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#6
Aniline
Concen: 70.974 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

Tgt Ion: 93 Resp: 443084
Ion Ratio Lower Upper
93 100
66 166.6 55.5 83.3#
65 112.9 31.5 47.3#





#7

Phenol-d6

Concen: 145.603 ng

RT: 6.457 min Scan# 741

Delta R.T. 0.012 min

Lab File: BF136637.D

Acq: 19 Dec 2023 18:43

Instrument :

BNA_F

ClientSampleId :

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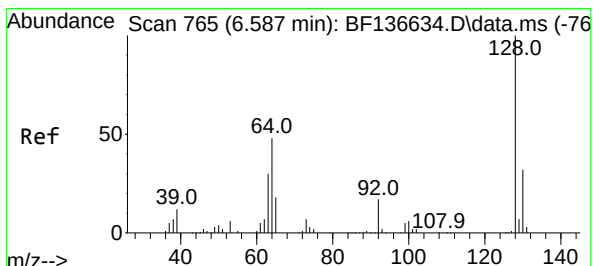
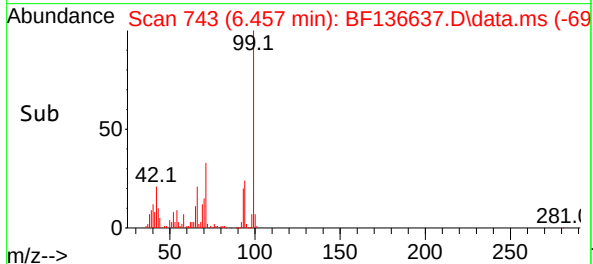
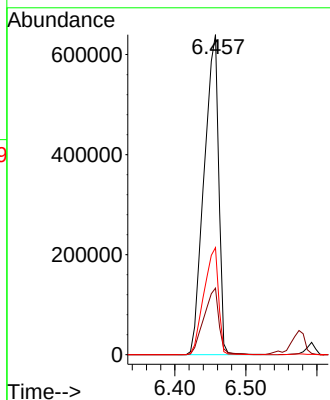
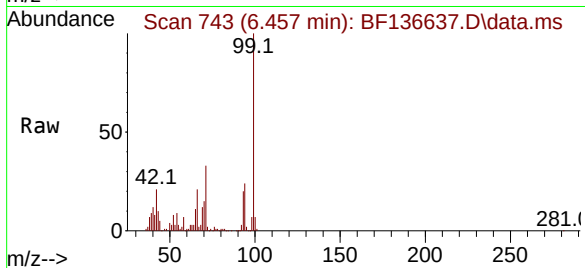
Tgt Ion:	99	Resp:	91361
Ion Ratio	Lower	Upper	
99	100		
42	20.8	16.2	24.4
71	33.5	26.6	39.8

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#8

2-Chlorophenol

Concen: 72.598 ng

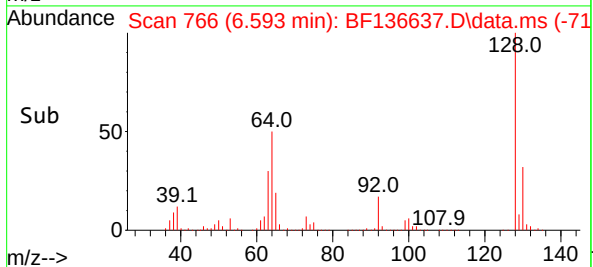
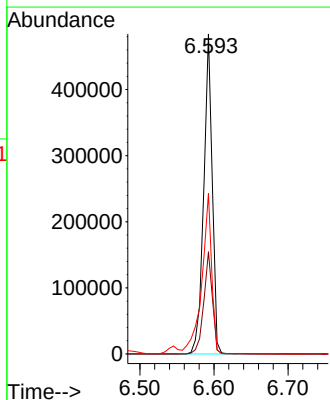
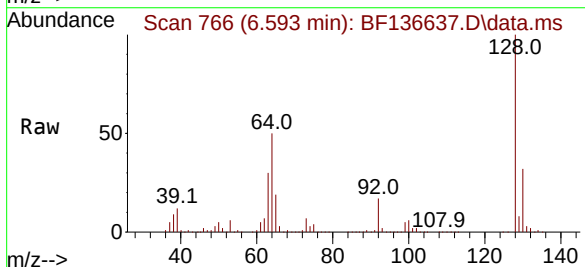
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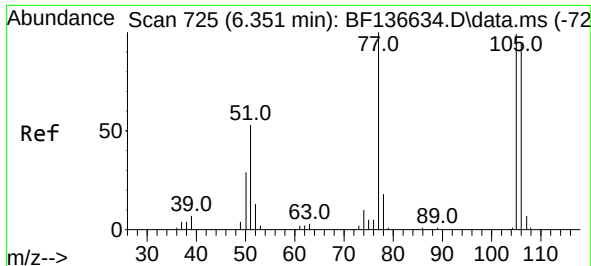
Delta R.T. 0.006 min

Lab File: BF136637.D

Acq: 19 Dec 2023 18:43

Tgt Ion:	128	Resp:	389124
Ion Ratio	Lower	Upper	
128	100		
130	32.0	12.0	52.0
64	50.2	29.2	69.2





#9

Benzaldehyde

Concen: 55.033 ng

RT: 6.357 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF136637.D

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Instrument :

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ClientSampleId :

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Tgt Ion: 77 Resp: 207360

Ion Ratio Lower Upper

77 100

105 101.5 79.2 119.2

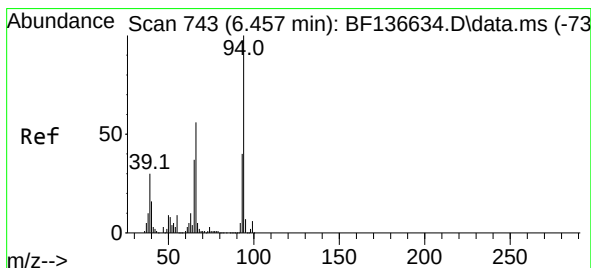
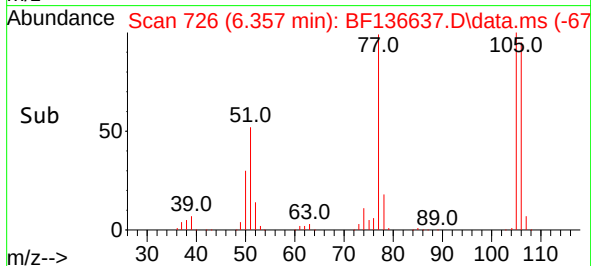
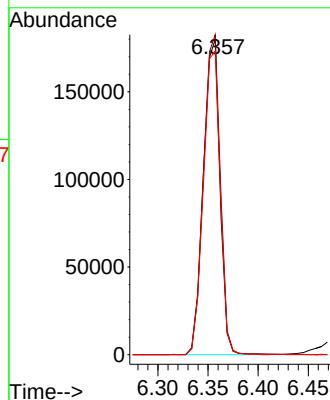
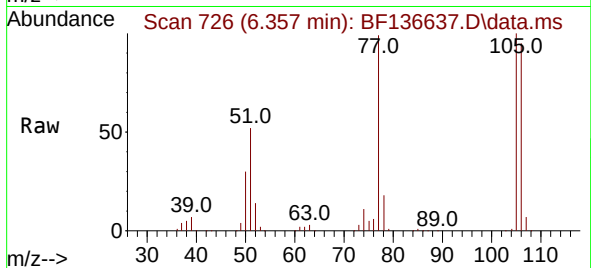
106 96.4 73.6 113.6

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Supervised By :mohammad ahmed 12/20/2023



#10

Phenol

Concen: 72.558 ng

RT: 6.469 min Scan# 745

Delta R.T. 0.012 min

Lab File: BF136637.D

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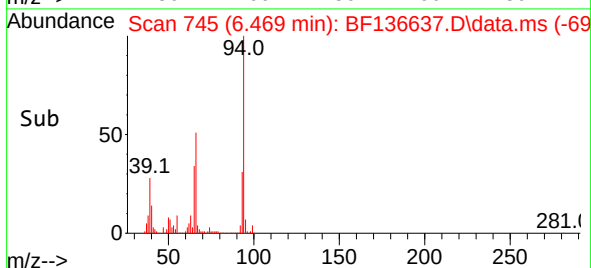
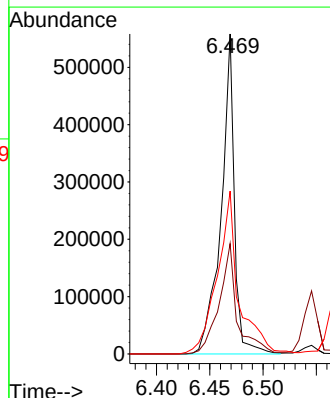
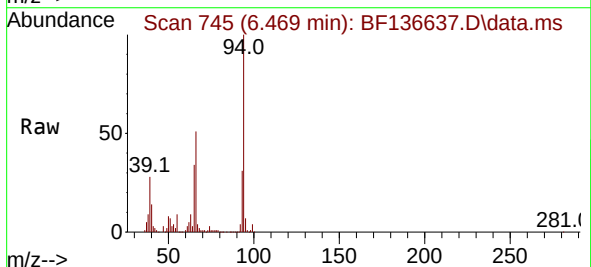
Tgt Ion: 94 Resp: 485346

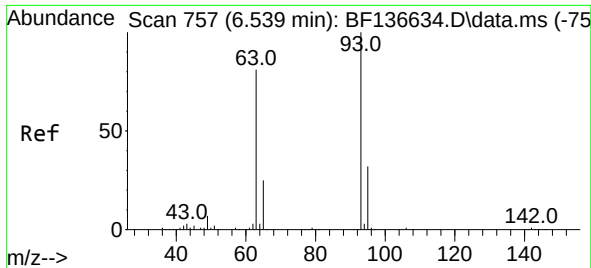
Ion Ratio Lower Upper

94 100

65 34.5 16.8 56.8

66 50.9 36.2 76.2





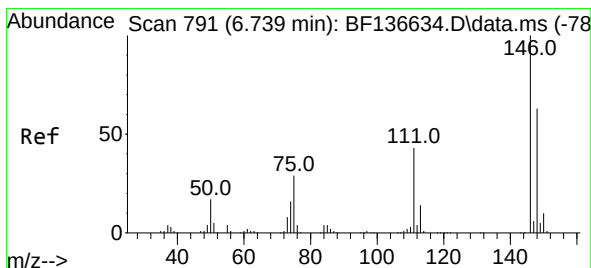
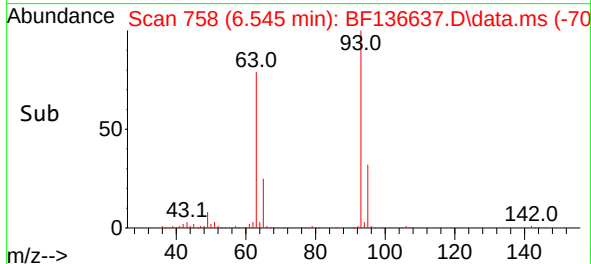
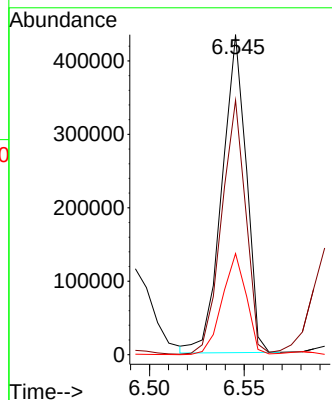
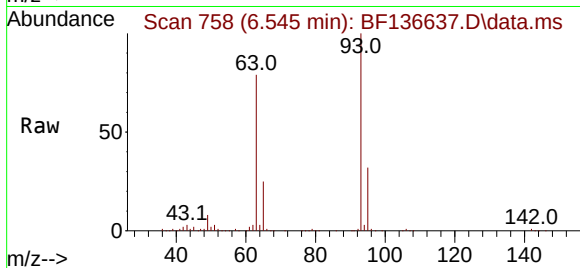
#11
bis(2-Chloroethyl)ether
Concen: 74.902 ng
RT: 6.545 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 386508
Ion Ratio Lower Upper
93 100
63 79.5 59.7 99.7
95 31.6 11.8 51.8

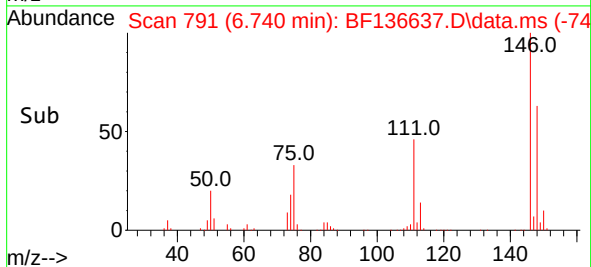
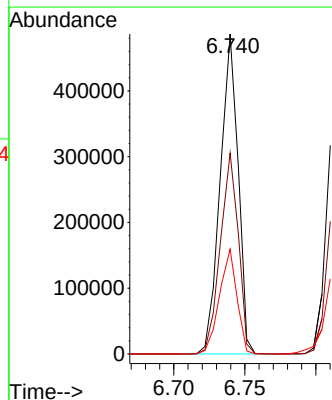
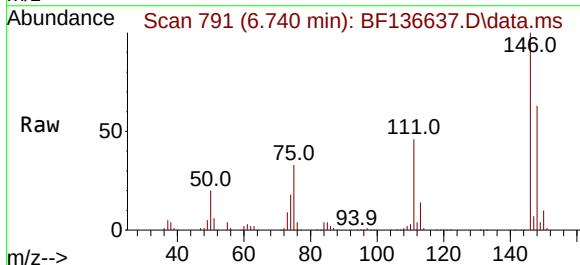
Manual Integrations
APPROVED

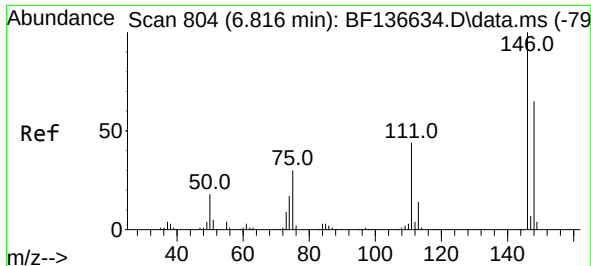
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#12
1,3-Dichlorobenzene
Concen: 73.280 ng
RT: 6.740 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

Tgt Ion:146 Resp: 426191
Ion Ratio Lower Upper
146 100
148 62.8 50.3 75.5
75 32.7 23.4 35.2





#13

1,4-Dichlorobenzene

Concen: 72.355 ng

RT: 6.816 min Scan# 804

Delta R.T. 0.000 min

Lab File: BF136637.D

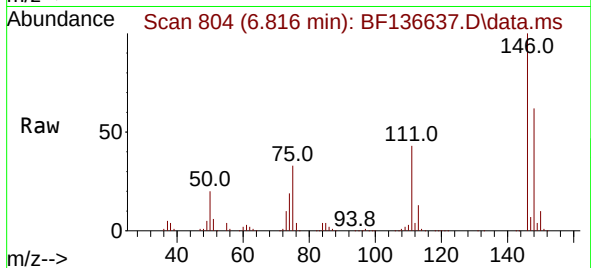
Acq: 19 Dec 2023 18:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:146 Resp: 427245

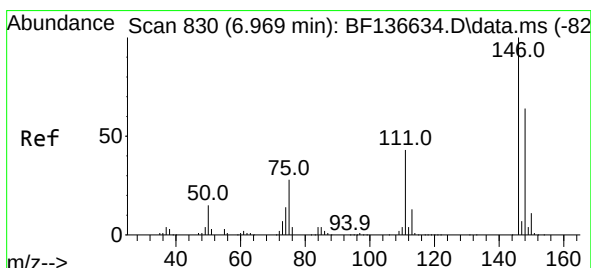
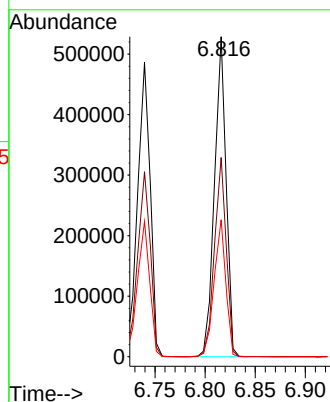
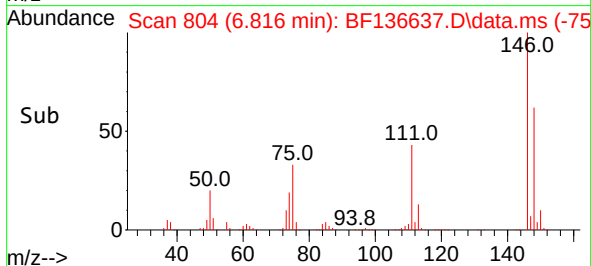
Ion	Ratio	Lower	Upper
146	100		
148	62.2	51.7	77.5
111	42.8	35.0	52.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#14

1,2-Dichlorobenzene

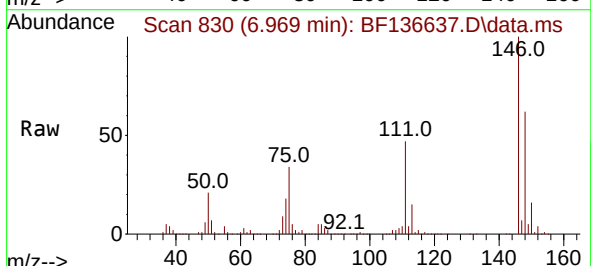
Concen: 70.834 ng

RT: 6.969 min Scan# 830

Delta R.T. 0.000 min

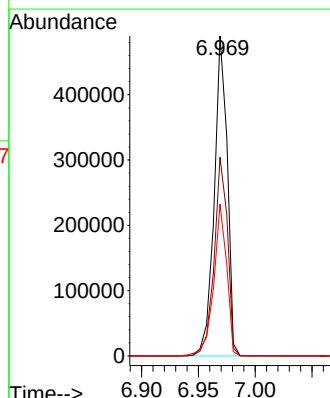
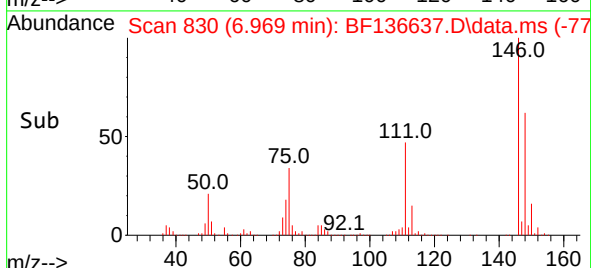
Lab File: BF136637.D

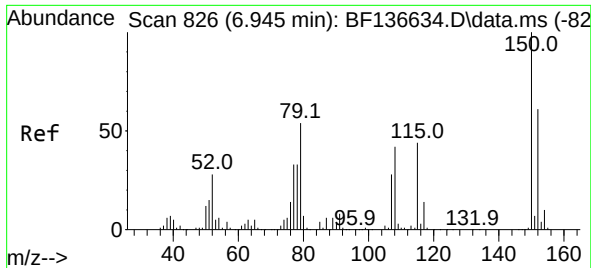
Acq: 19 Dec 2023 18:43



Tgt Ion:146 Resp: 390394

Ion	Ratio	Lower	Upper
146	100		
148	62.1	50.9	76.3
111	47.4	34.5	51.7





#15
Benzyl Alcohol
Concen: 72.137 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

Instrument :

BNA_F

ClientSampleId :

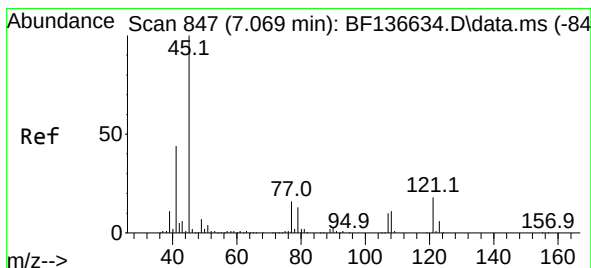
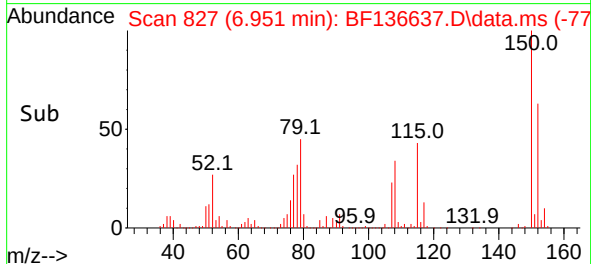
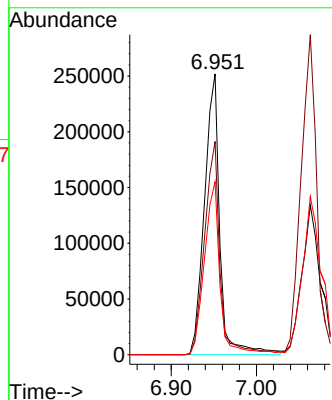
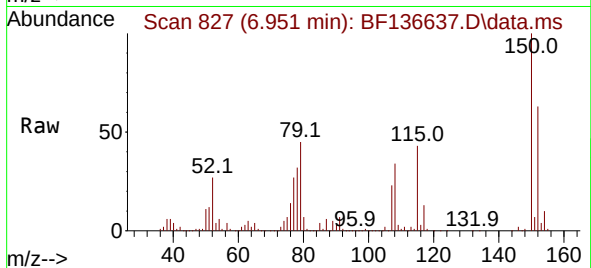
SSTDICC080

Tgt Ion: 79 Resp: 315178
Ion Ratio Lower Upper
79 100
108 76.0 62.3 93.5
77 61.6 48.3 72.5

Manual Integrations

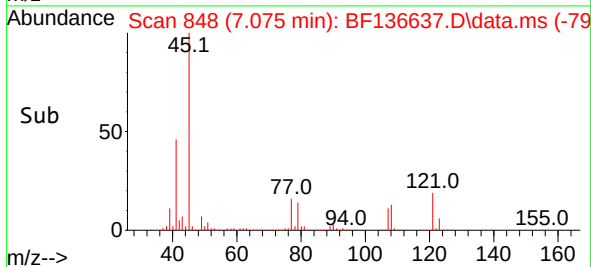
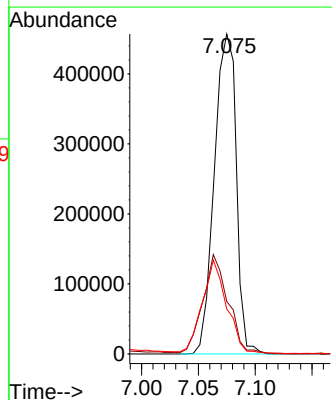
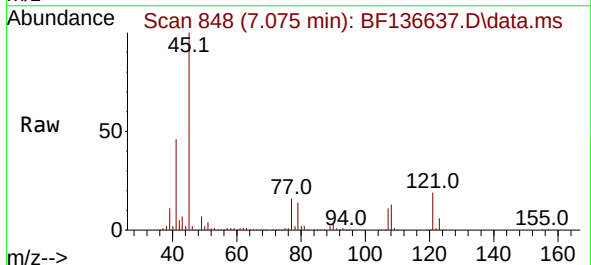
APPROVED

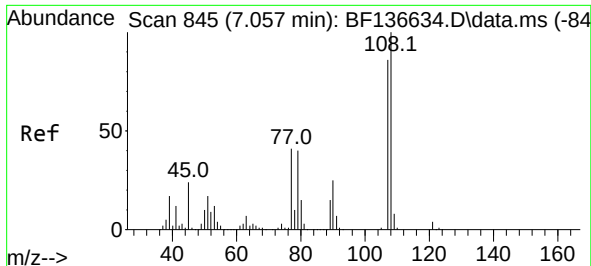
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 72.555 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.006 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

Tgt Ion: 45 Resp: 612493
Ion Ratio Lower Upper
45 100
77 16.4 0.0 36.5
79 14.1 0.0 33.7





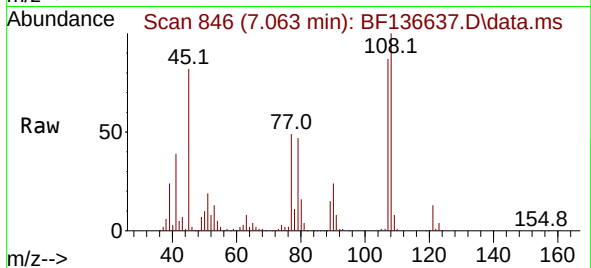
#17
2-Methylphenol
Concen: 73.490 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.006 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

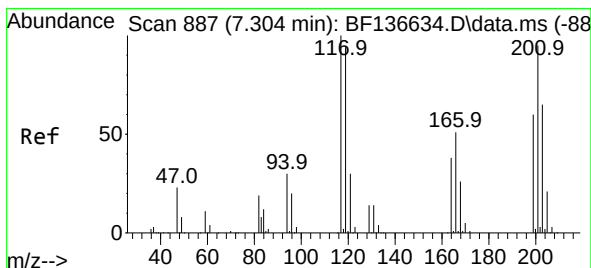
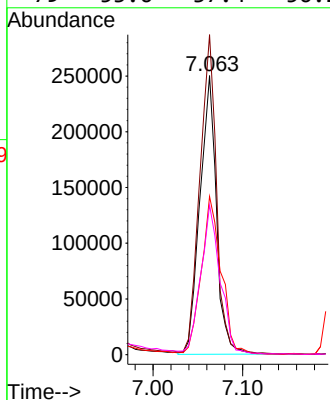
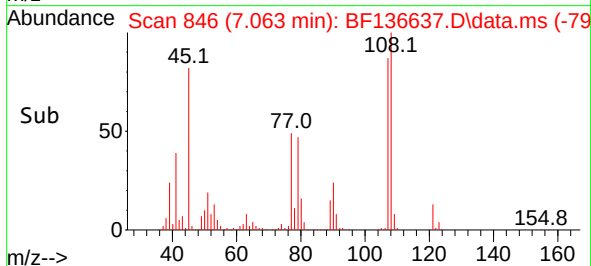


Tgt Ion:107 Resp: 320539
Ion Ratio Lower Upper
107 100
108 114.7 92.6 139.0
77 56.7 37.9 56.9
79 53.6 37.4 56.2

Manual Integrations

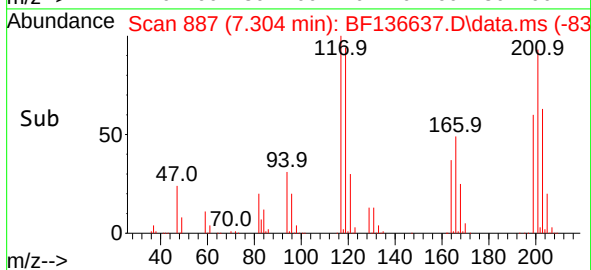
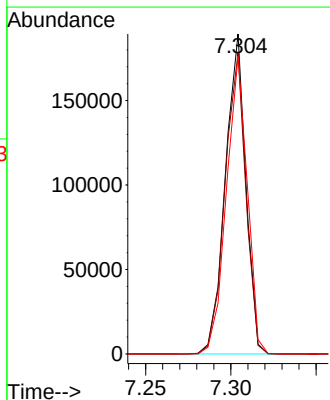
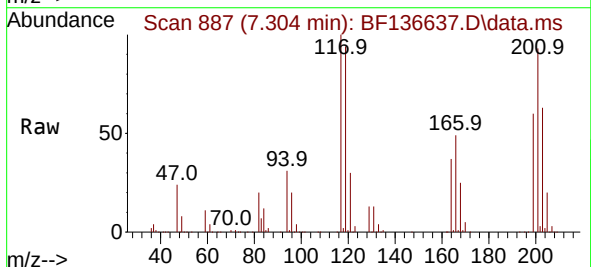
APPROVED

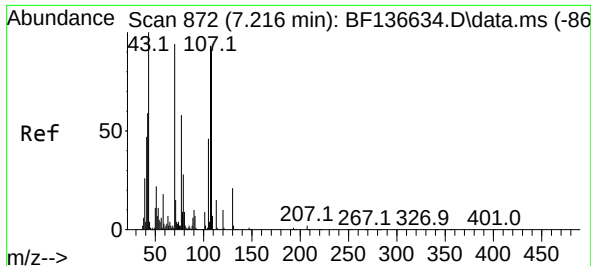
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#18
Hexachloroethane
Concen: 74.062 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

Tgt Ion:117 Resp: 158817
Ion Ratio Lower Upper
117 100
119 94.1 75.6 113.4
201 93.0 75.7 113.5





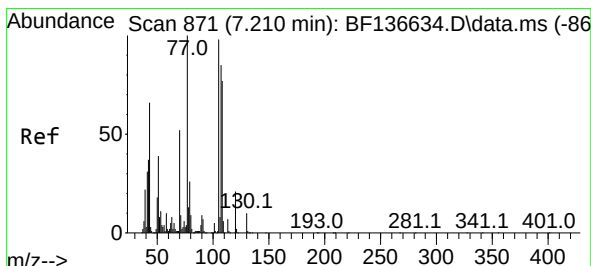
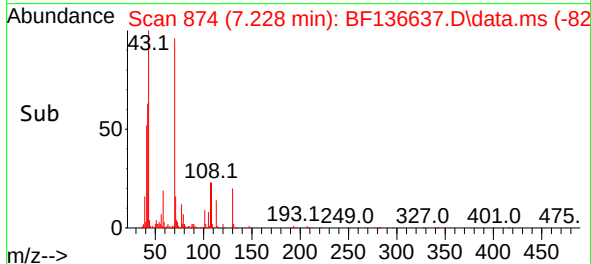
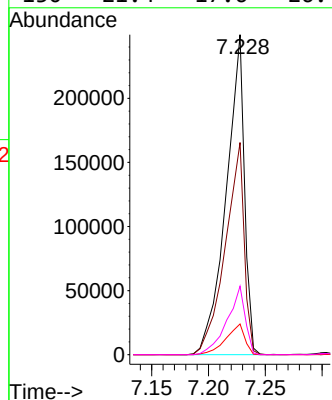
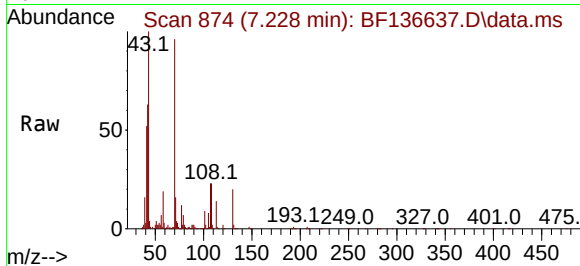
#19
n-Nitroso-di-n-propylamine
Concen: 71.923 ng
RT: 7.228 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 70 Resp: 279800
Ion Ratio Lower Upper
70 100
42 66.3 50.1 75.1
101 9.6 8.1 12.1
130 21.4 17.6 26.4

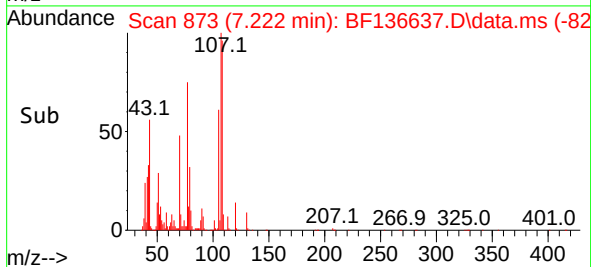
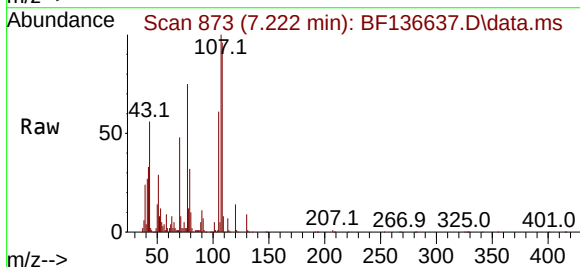
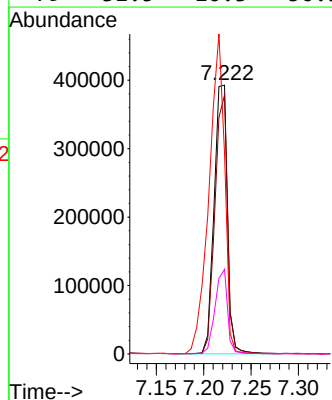
Manual Integrations
APPROVED

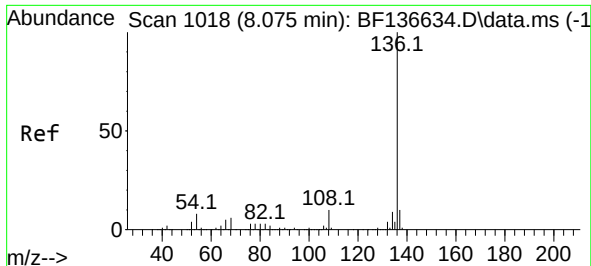
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#20
3+4-Methylphenols
Concen: 69.794 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.012 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

Tgt Ion:107 Resp: 383326
Ion Ratio Lower Upper
107 100
108 96.3 70.4 110.4
77 74.7 97.1 137.1#
79 31.5 10.3 50.3





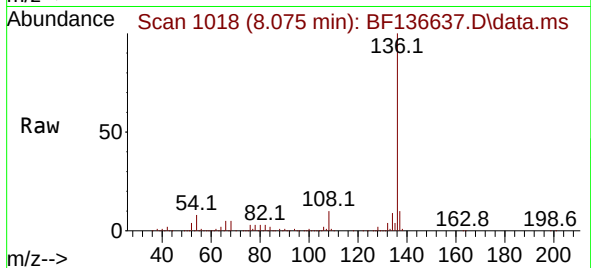
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

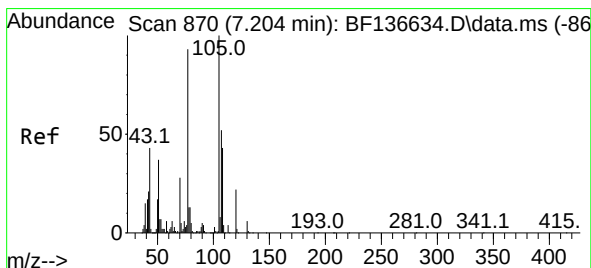
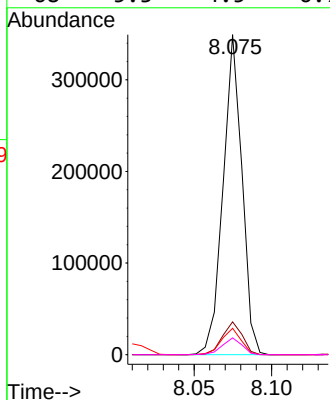
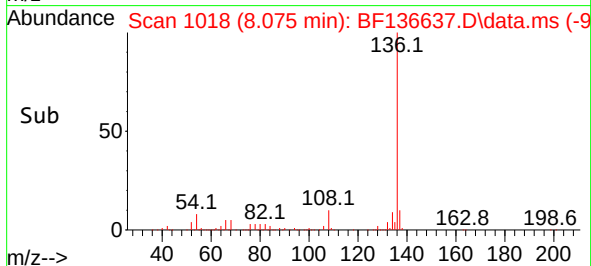


Tgt Ion:136 Resp: 296138
Ion Ratio Lower Upper
136 100
137 10.2 8.2 12.4
54 8.3 6.4 9.6
68 5.3 4.5 6.7

Manual Integrations

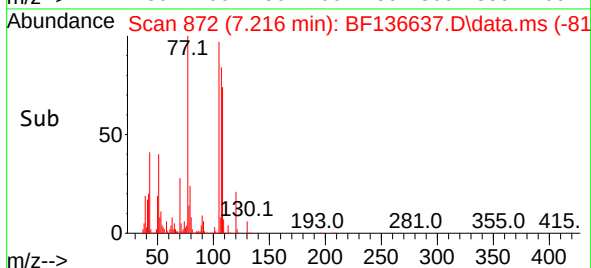
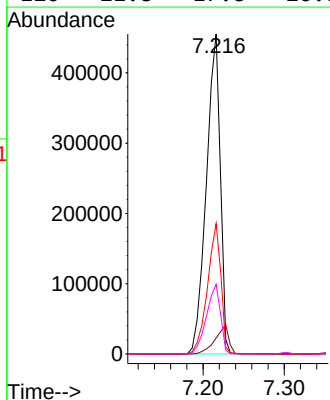
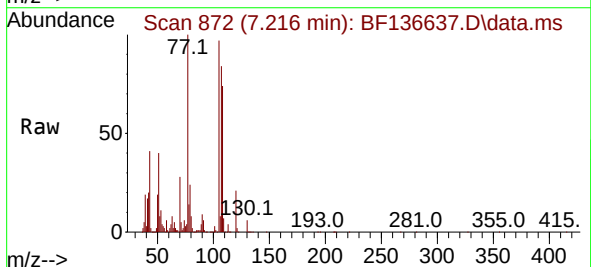
APPROVED

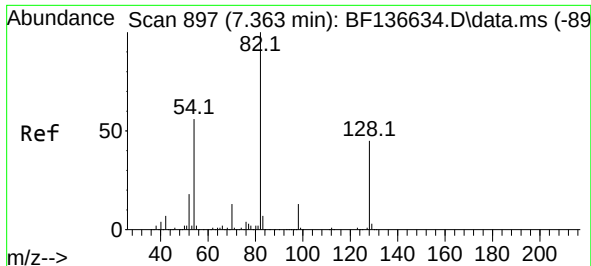
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#22
Acetophenone
Concen: 73.081 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.012 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

Tgt Ion:105 Resp: 541453
Ion Ratio Lower Upper
105 100
71 5.0 3.8 5.6
51 40.7 29.8 44.6
120 21.8 17.8 26.8





#23

Nitrobenzene-d5

Concen: 152.563 ng

RT: 7.369 min Scan# 89

Delta R.T. 0.006 min

Lab File: BF136637.D

Acq: 19 Dec 2023 18:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 870029

Ion Ratio Lower Upper

82 100

128 44.9 35.7 53.5

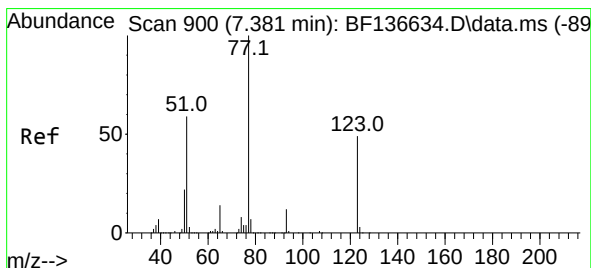
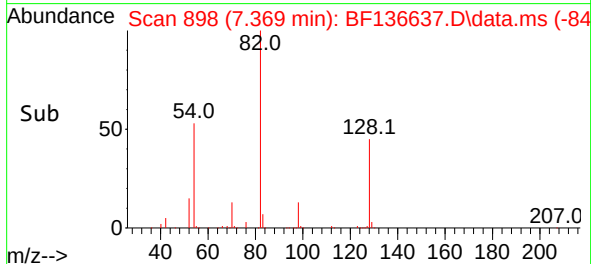
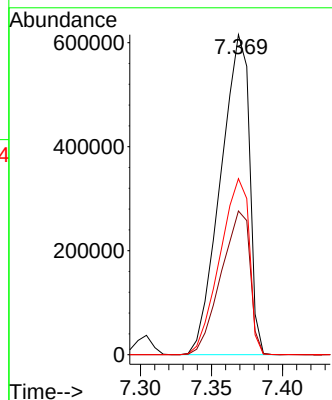
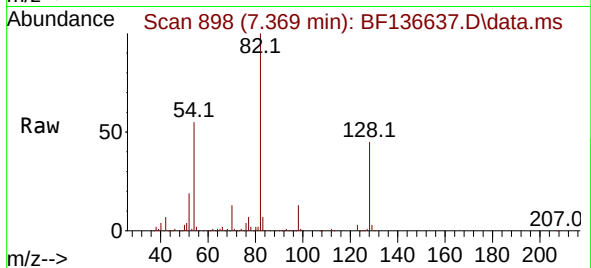
54 55.0 44.5 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#24

Nitrobenzene

Concen: 76.679 ng

RT: 7.387 min Scan# 901

Delta R.T. 0.006 min

Lab File: BF136637.D

Acq: 19 Dec 2023 18:43

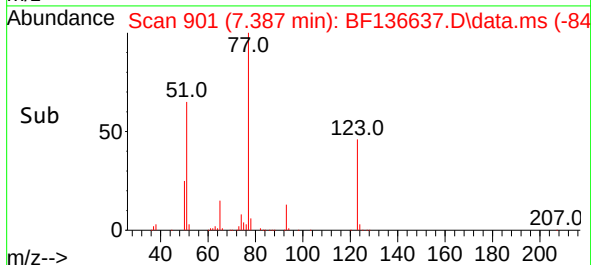
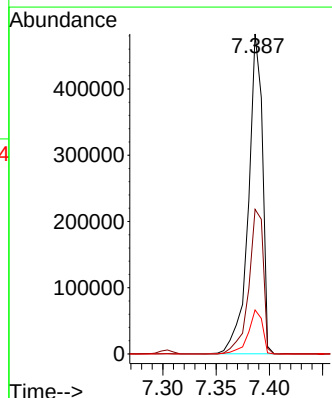
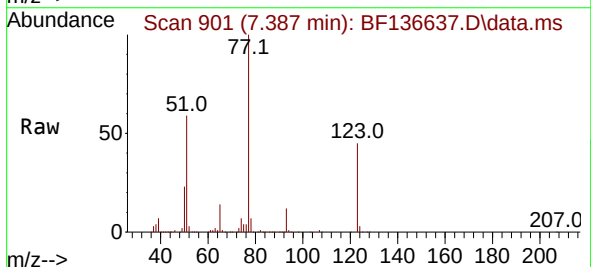
Tgt Ion: 77 Resp: 443911

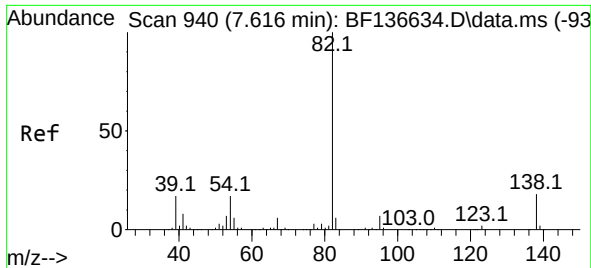
Ion Ratio Lower Upper

77 100

123 45.2 39.2 58.8

65 13.7 11.5 17.3





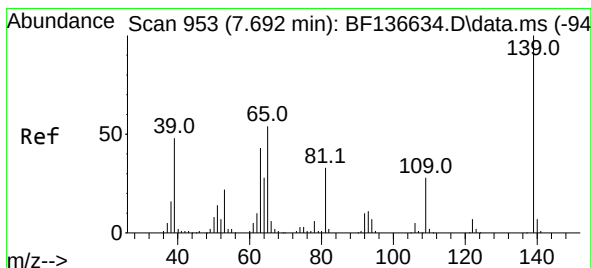
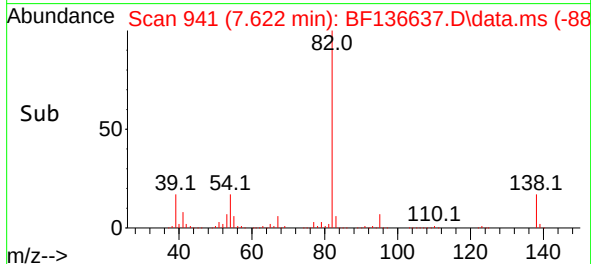
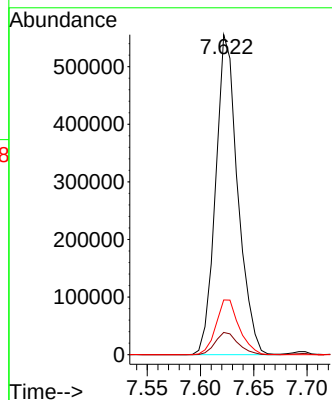
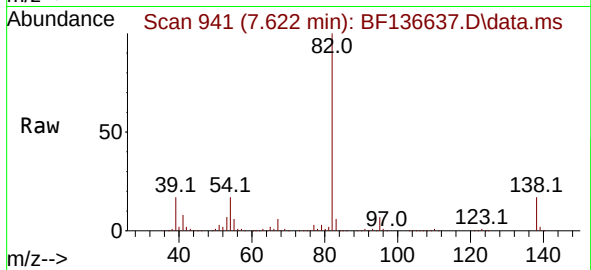
#25
Isophorone
Concen: 75.484 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.006 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 80299
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 17.1 14.2 21.4

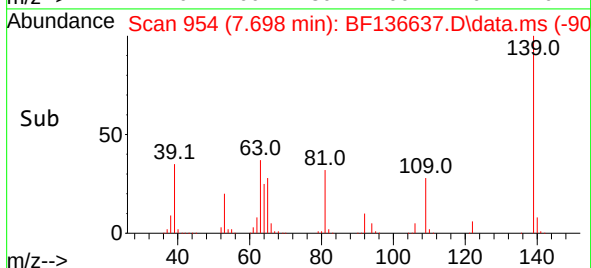
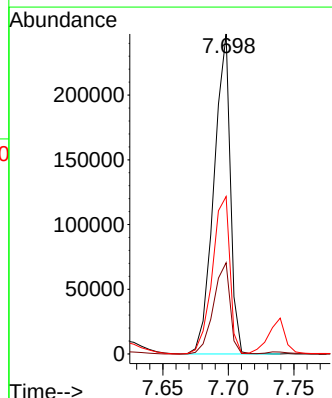
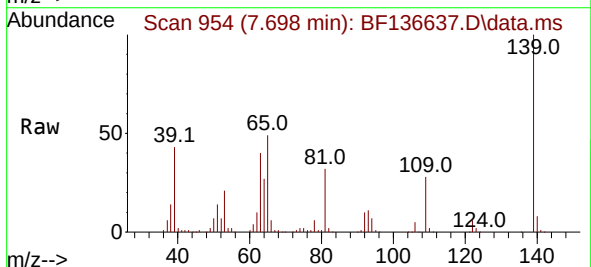
Manual Integrations
APPROVED

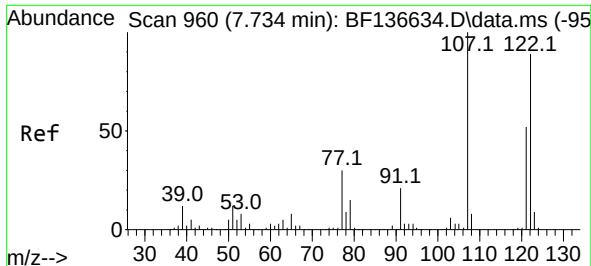
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#26
2-Nitrophenol
Concen: 78.354 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.006 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

Tgt Ion:139 Resp: 214936
Ion Ratio Lower Upper
139 100
109 28.5 22.4 33.6
65 49.2 43.0 64.4





#27

2,4-Dimethylphenol

Concen: 74.312 ng

RT: 7.739 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF136637.D

Acq: 19 Dec 2023 18:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

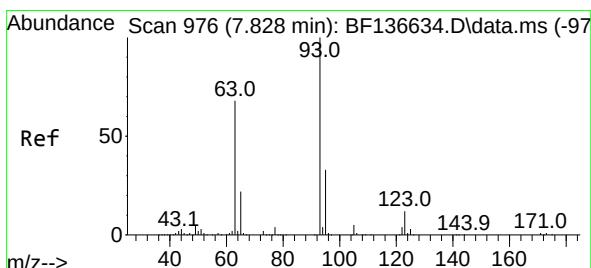
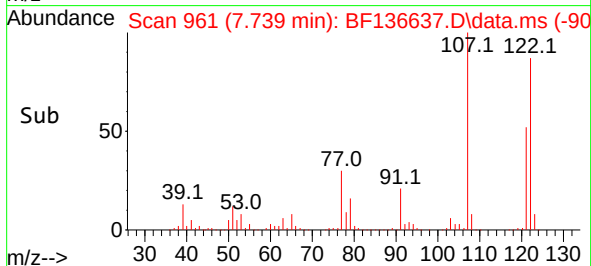
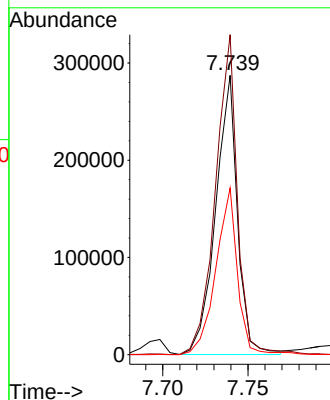
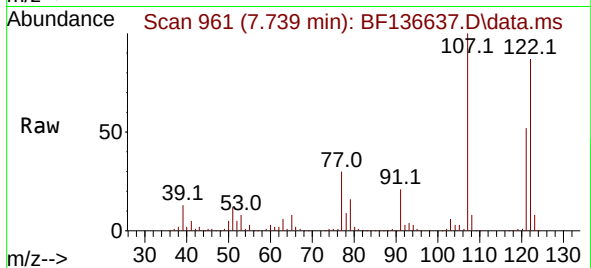
Tgt Ion:122 Resp: 25602
 Ion Ratio Lower Upper
 122 100
 107 114.5 89.4 134.2
 121 59.7 46.7 70.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#28

bis(2-Chloroethoxy)methane

Concen: 74.943 ng

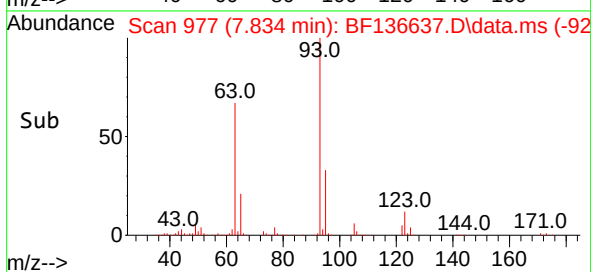
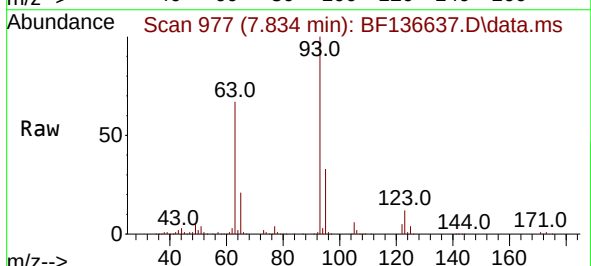
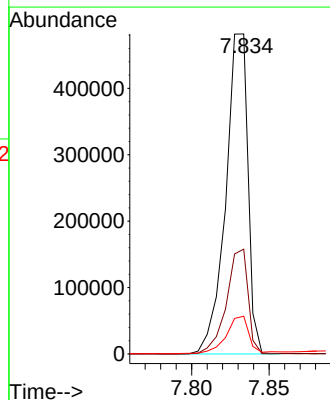
RT: 7.834 min Scan# 977

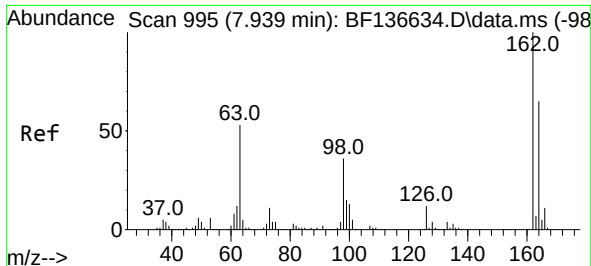
Delta R.T. 0.006 min

Lab File: BF136637.D

Acq: 19 Dec 2023 18:43

Tgt Ion: 93 Resp: 482516
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.2 39.2
 123 11.8 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 74.352 ng

RT: 7.939 min Scan# 995

Delta R.T. 0.000 min

Lab File: BF136637.D

Acq: 19 Dec 2023 18:43

Instrument :

BNA_F

ClientSampleId :

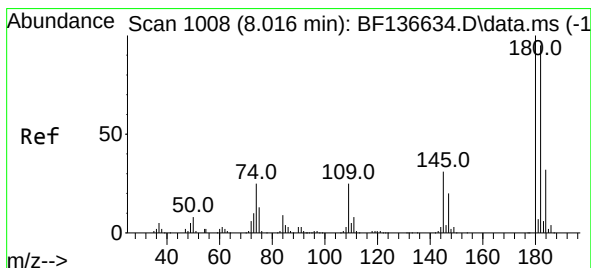
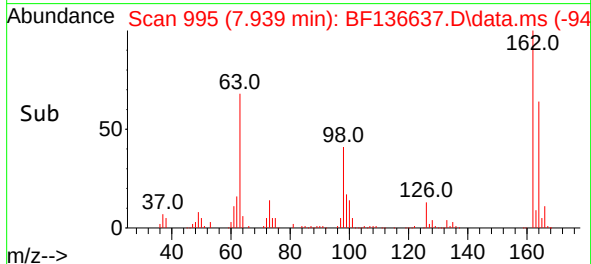
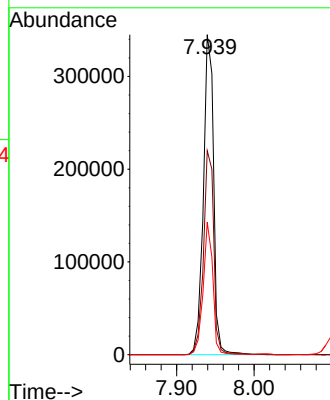
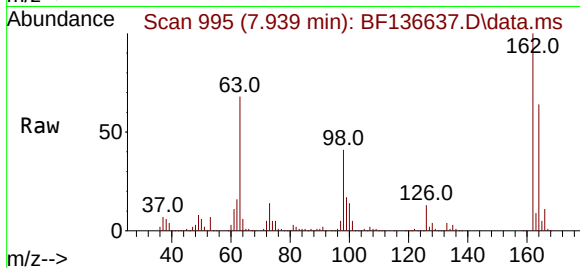
SSTDICC080

Tgt Ion:162 Resp: 31755
 Ion Ratio Lower Upper
 162 100
 164 63.8 44.9 84.9
 98 41.4 16.4 56.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023
 Supervised By :mohammad ahmed 12/20/2023



#30

1,2,4-Trichlorobenzene

Concen: 73.745 ng

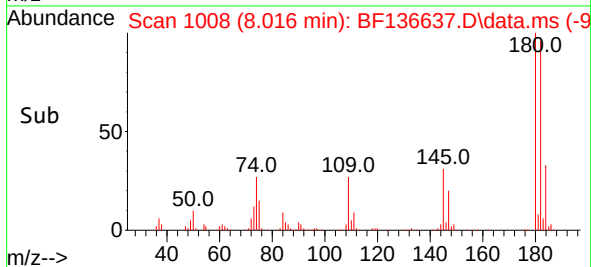
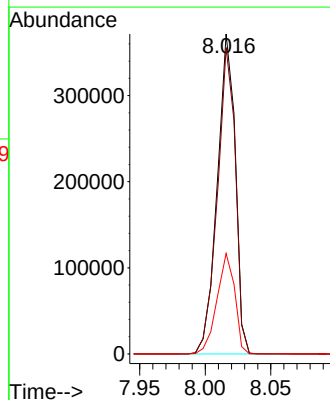
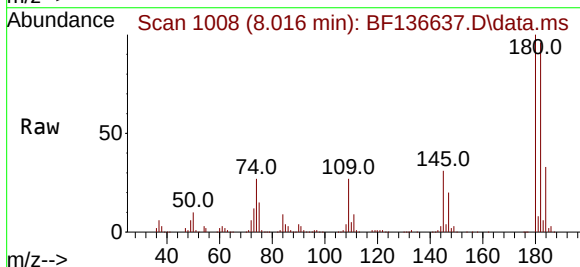
RT: 8.016 min Scan# 1008

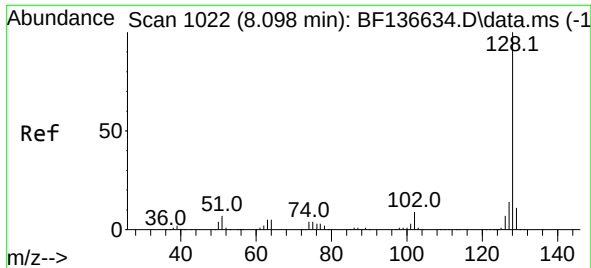
Delta R.T. 0.000 min

Lab File: BF136637.D

Acq: 19 Dec 2023 18:43

Tgt Ion:180 Resp: 354412
 Ion Ratio Lower Upper
 180 100
 182 95.7 75.8 113.6
 145 31.4 24.6 37.0





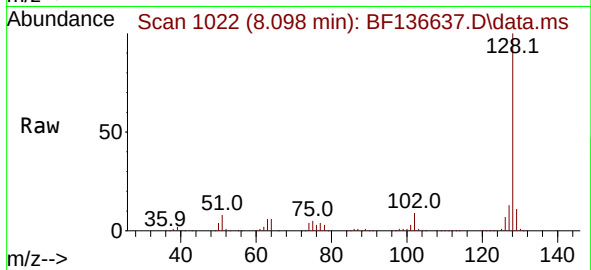
#31
Naphthalene
Concen: 73.024 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

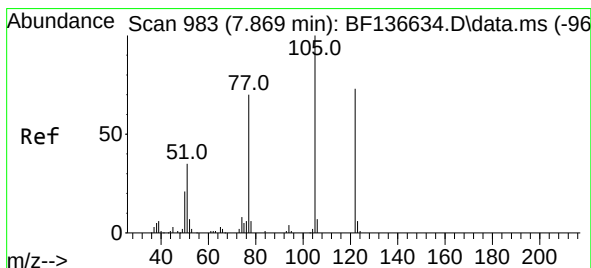
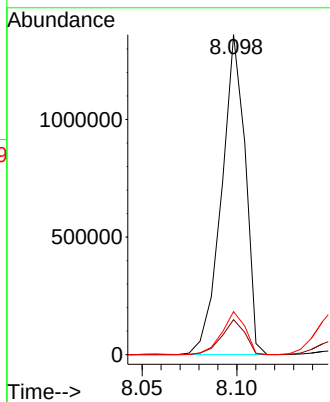
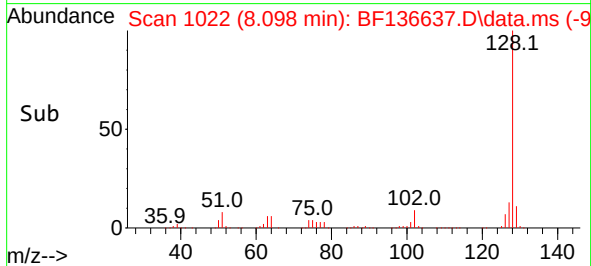


Tgt Ion:128 Resp: 1181600
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.5 10.8 16.2

Manual Integrations

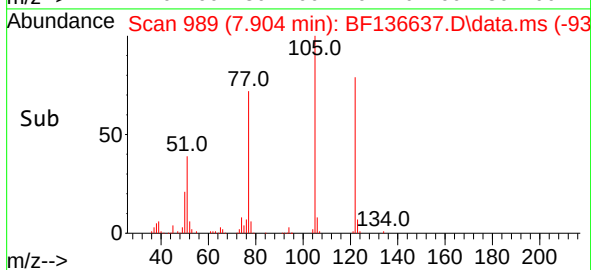
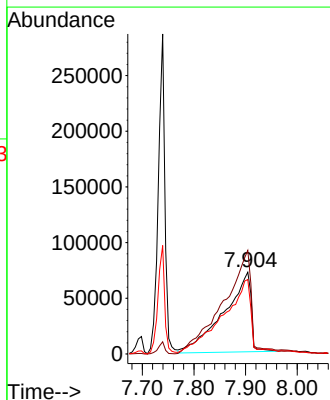
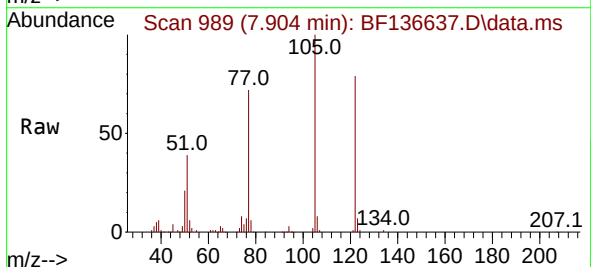
APPROVED

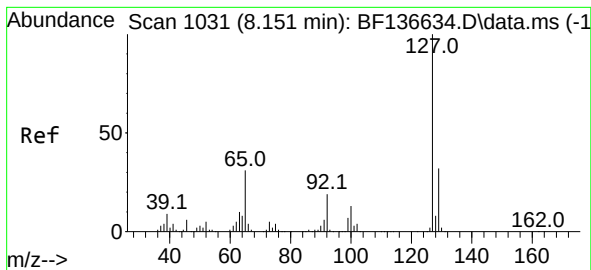
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#32
Benzoic acid
Concen: 82.052 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.035 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

Tgt Ion:122 Resp: 262213
Ion Ratio Lower Upper
122 100
105 126.6 111.6 151.6
77 91.0 73.3 113.3





#33
4-Chloroaniline
Concen: 75.153 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

Instrument :

BNA_F

ClientSampleId :

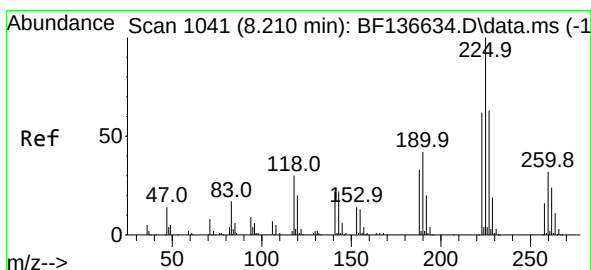
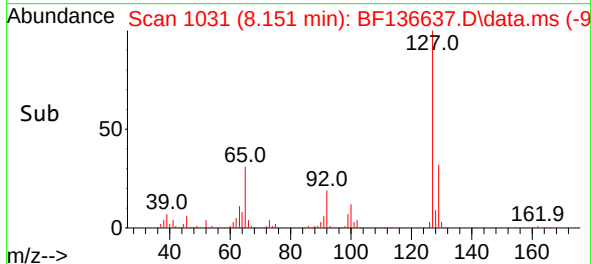
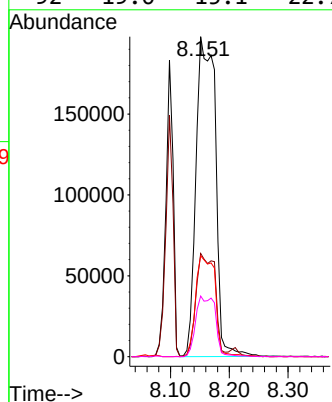
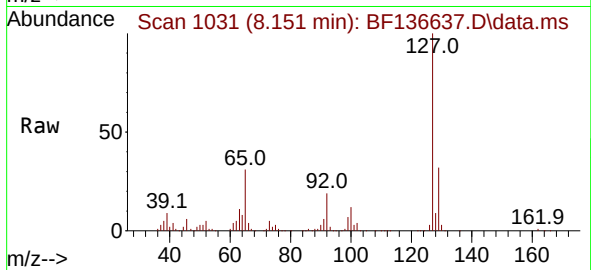
SSTDICC080

Tgt Ion:127 Resp: 45257
Ion Ratio Lower Upper
127 100
129 32.3 25.6 38.4
65 31.5 24.9 37.3
92 19.0 15.1 22.7

Manual Integrations

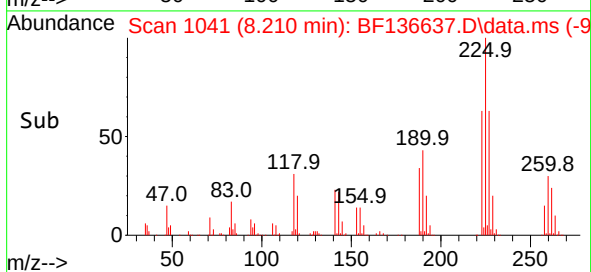
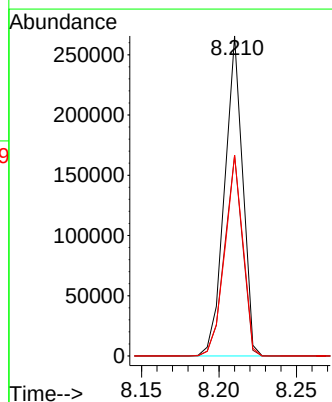
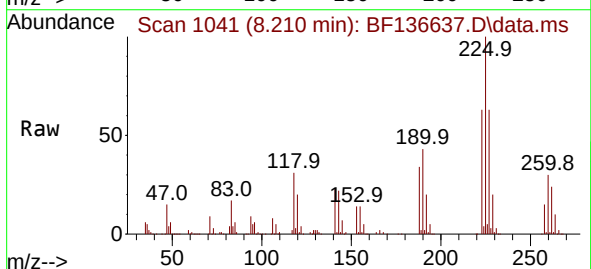
APPROVED

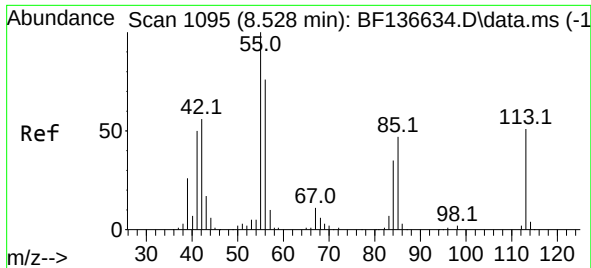
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#34
Hexachlorobutadiene
Concen: 73.488 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

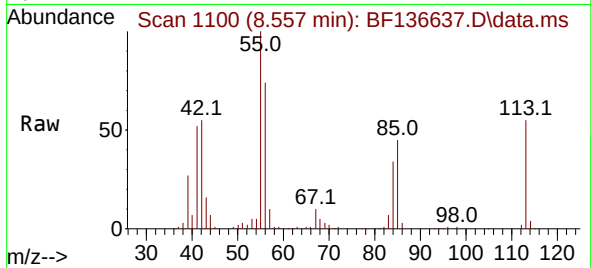
Tgt Ion:225 Resp: 215918
Ion Ratio Lower Upper
225 100
223 62.7 49.4 74.2
227 62.7 50.2 75.2





#35
Caprolactam
Concen: 60.993 ng
RT: 8.557 min Scan# 1110
Delta R.T. 0.030 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

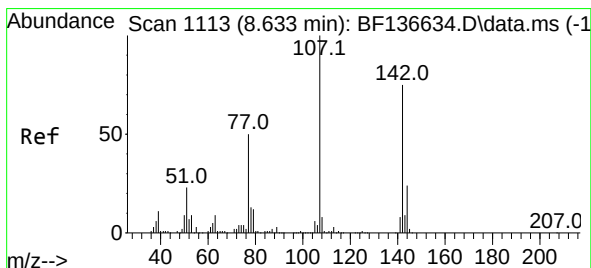
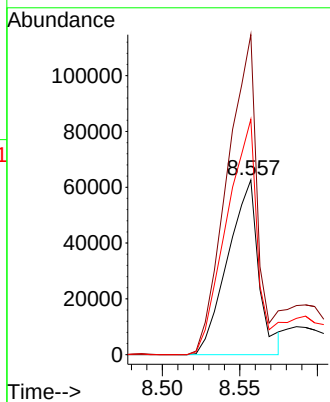
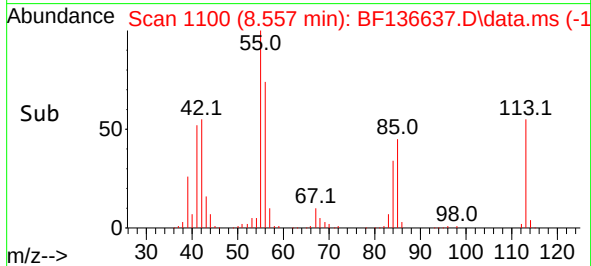
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:113 Resp: 87099
Ion Ratio Lower Upper
113 100
55 183.1 174.3 214.3
56 134.7 127.6 167.6

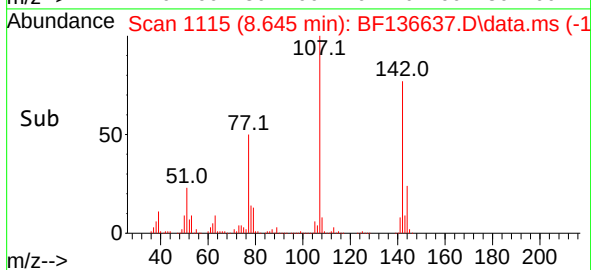
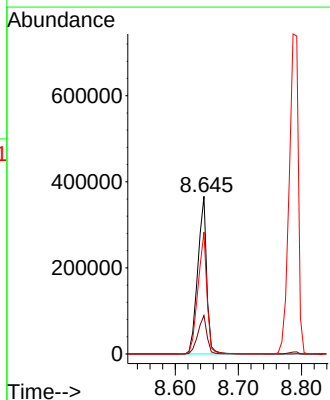
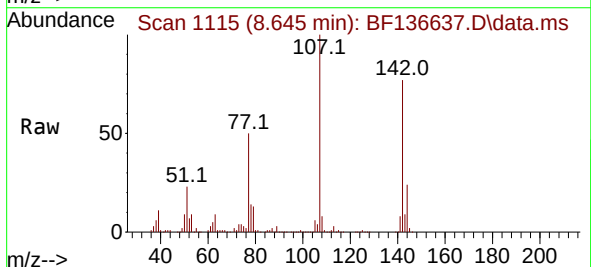
Manual Integrations
APPROVED

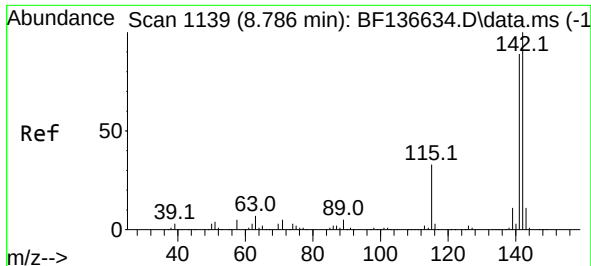
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#36
4-Chloro-3-methylphenol
Concen: 73.611 ng
RT: 8.645 min Scan# 1115
Delta R.T. 0.012 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

Tgt Ion:107 Resp: 357873
Ion Ratio Lower Upper
107 100
144 24.4 19.0 28.6
142 77.3 59.8 89.8





#37

2-Methylnaphthalene

Concen: 72.306 ng

RT: 8.786 min Scan# 1139

Delta R.T. 0.000 min

Lab File: BF136637.D

Acq: 19 Dec 2023 18:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:142 Resp: 751830

Ion Ratio Lower Upper

142 100

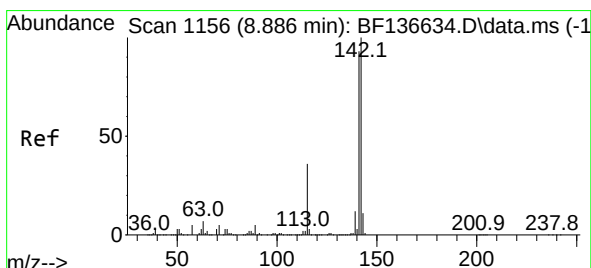
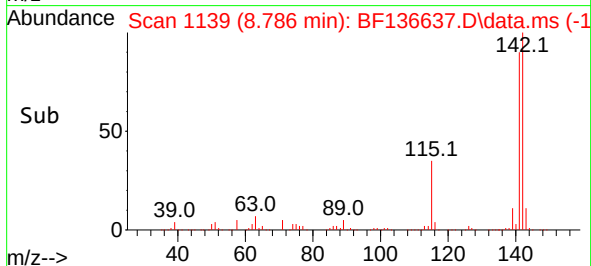
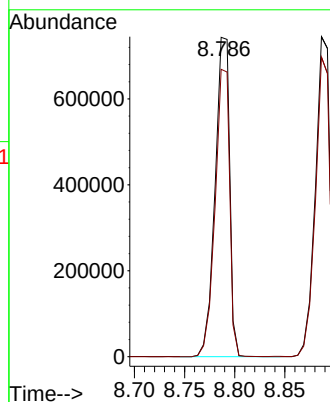
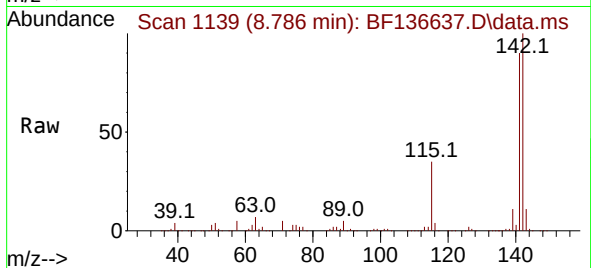
141 90.0 71.5 107.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#38

1-Methylnaphthalene

Concen: 71.915 ng

RT: 8.886 min Scan# 1156

Delta R.T. 0.000 min

Lab File: BF136637.D

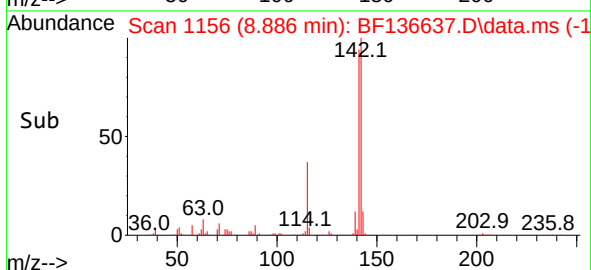
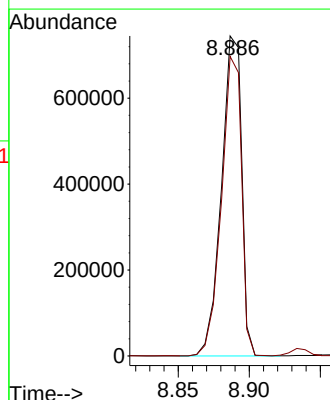
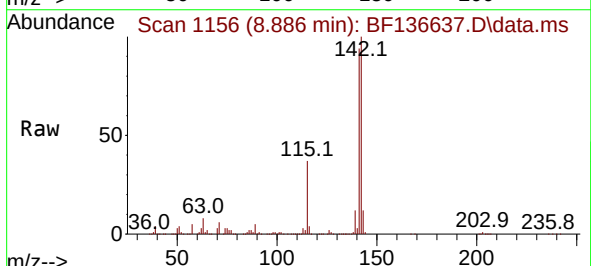
Acq: 19 Dec 2023 18:43

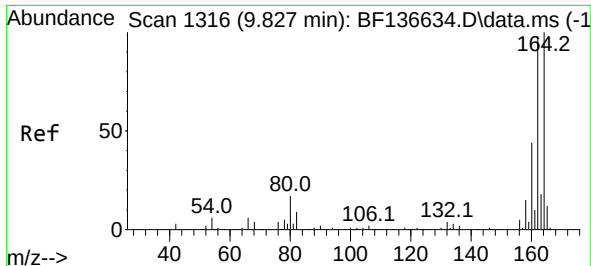
Tgt Ion:142 Resp: 736871

Ion Ratio Lower Upper

142 100

141 93.6 74.6 112.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1167

Delta R.T. 0.006 min

Lab File: BF136637.D

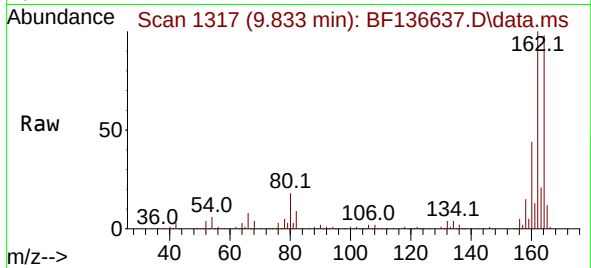
Acq: 19 Dec 2023 18:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:164 Resp: 151670

Ion Ratio Lower Upper

164 100

162 102.5 78.4 117.6

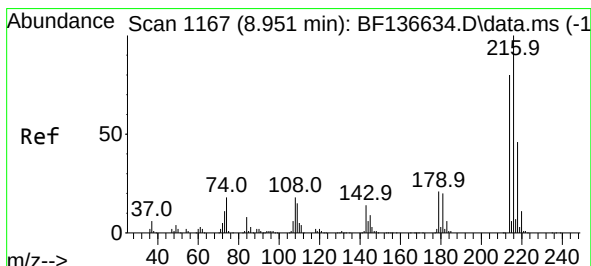
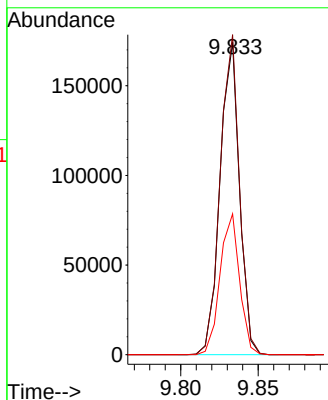
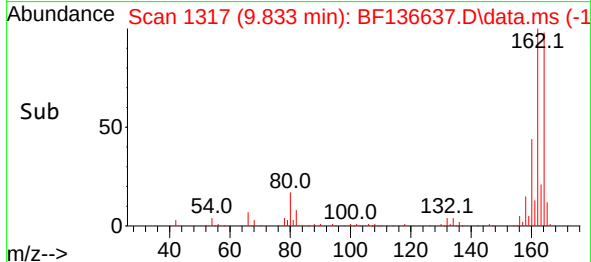
160 45.1 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 75.642 ng

RT: 8.957 min Scan# 1168

Delta R.T. 0.006 min

Lab File: BF136637.D

Acq: 19 Dec 2023 18:43

Tgt Ion:216 Resp: 348150

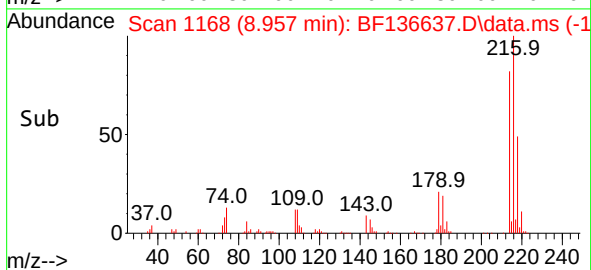
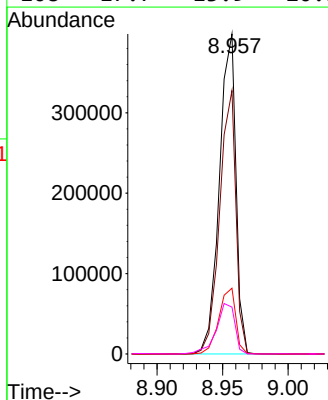
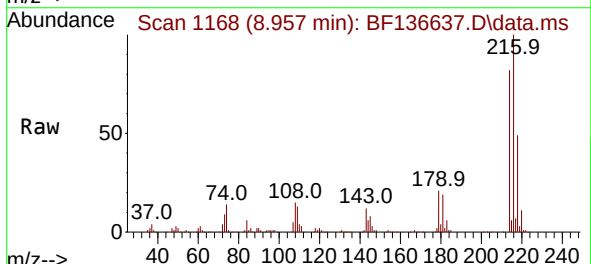
Ion Ratio Lower Upper

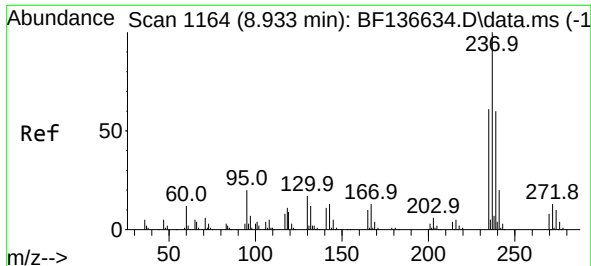
216 100

214 80.7 63.4 95.2

179 21.0 16.5 24.7

108 17.7 13.9 20.9





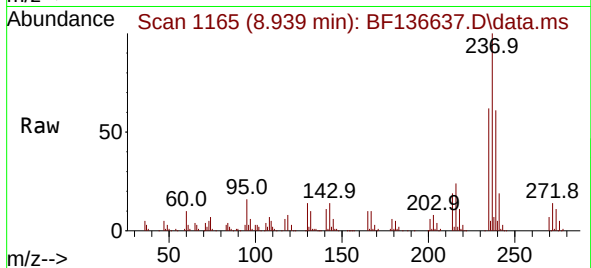
#41
Hexachlorocyclopentadiene
Concen: 80.476 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

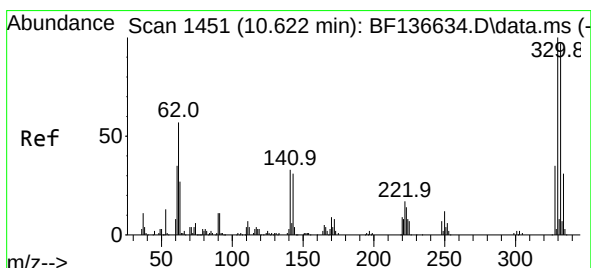
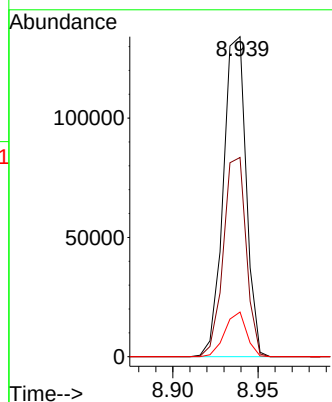
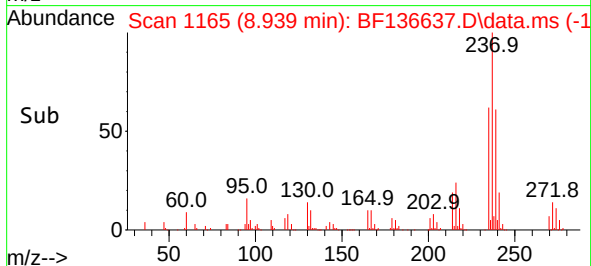


Tgt Ion:237 Resp: 125215
Ion Ratio Lower Upper
237 100
235 62.3 41.4 81.4
272 14.0 0.0 32.8

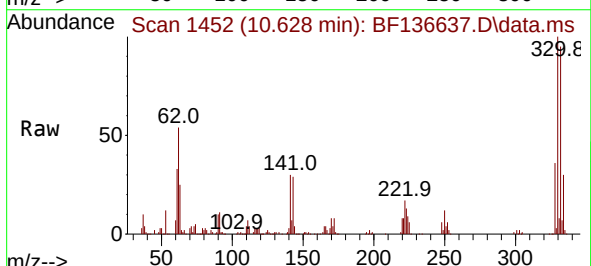
Manual Integrations

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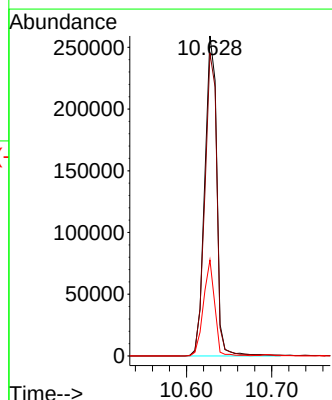
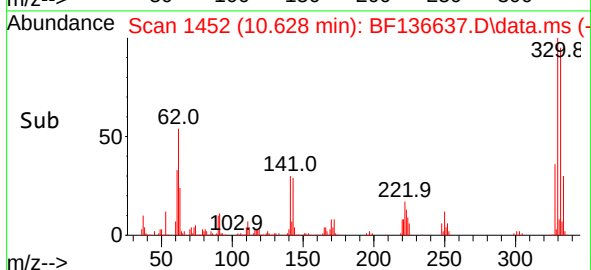
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

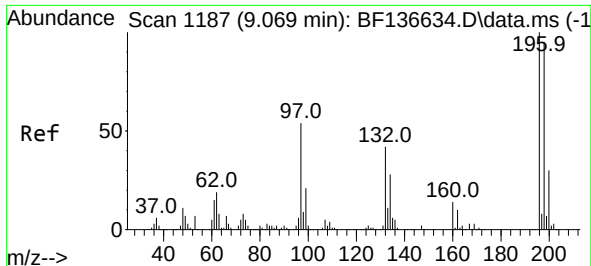


#42
2,4,6-Tribromophenol
Concen: 143.281 ng
RT: 10.628 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43



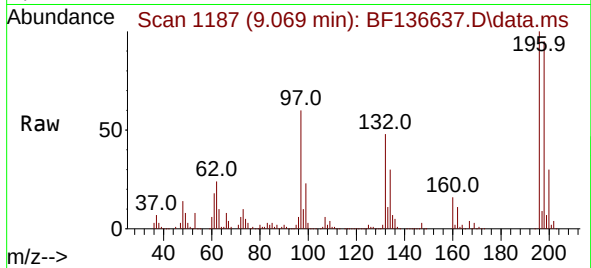
Tgt Ion:330 Resp: 253412
Ion Ratio Lower Upper
330 100
332 95.3 77.4 116.0
141 28.0 23.4 35.0





#43
2,4,6-Trichlorophenol
Concen: 76.104 ng
RT: 9.069 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

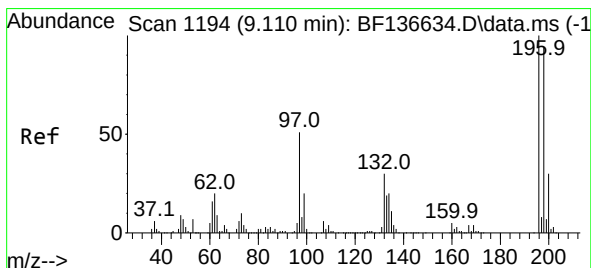
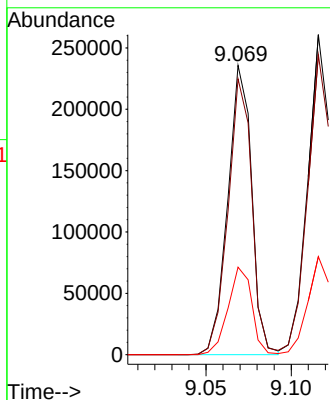
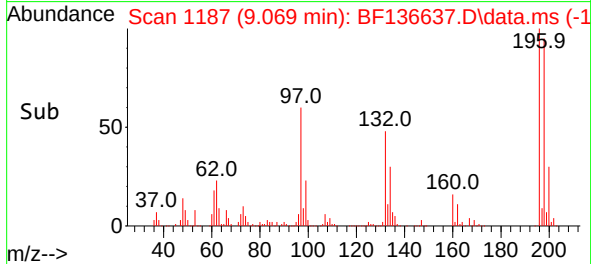
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



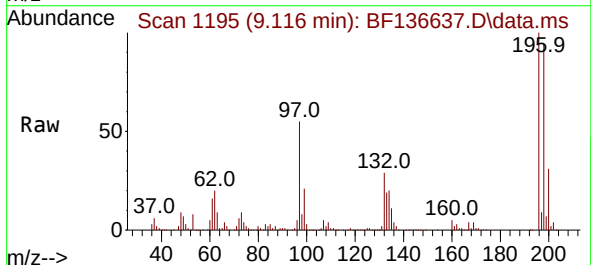
Tgt Ion:196 Resp: 229712
Ion Ratio Lower Upper
196 100
198 95.4 76.2 114.2
200 30.3 24.2 36.2

Manual Integrations
APPROVED

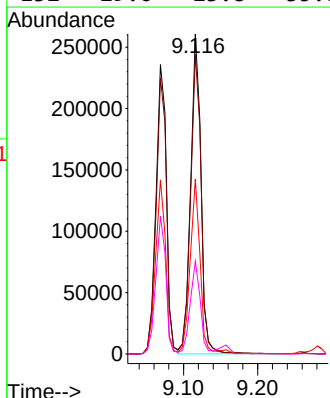
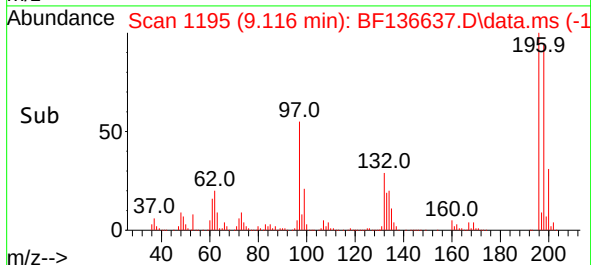
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

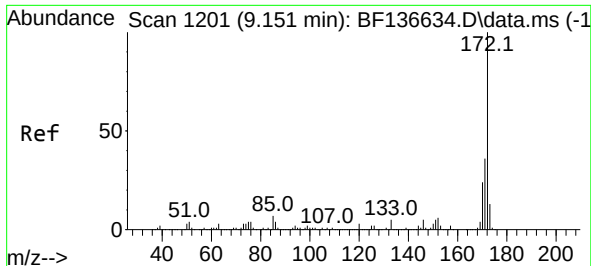


#44
2,4,5-Trichlorophenol
Concen: 75.637 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43



Tgt Ion:196 Resp: 251679
Ion Ratio Lower Upper
196 100
198 93.7 75.4 113.0
97 54.7 41.0 61.6
132 29.0 23.8 35.8





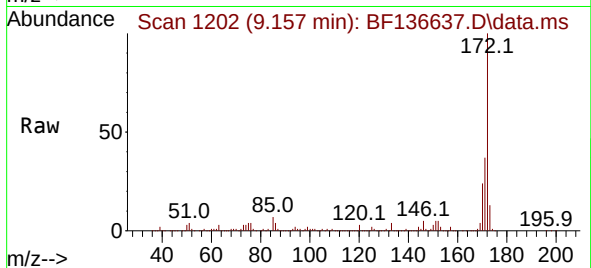
#45
2-Fluorobiphenyl
Concen: 140.582 ng
RT: 9.157 min Scan# 1202
Delta R.T. 0.006 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

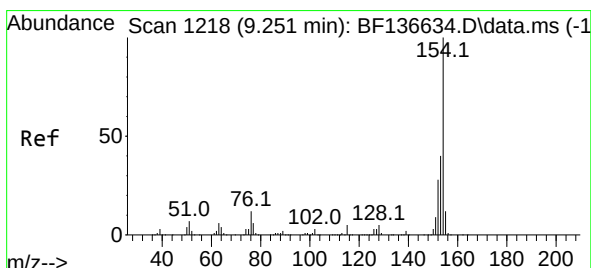
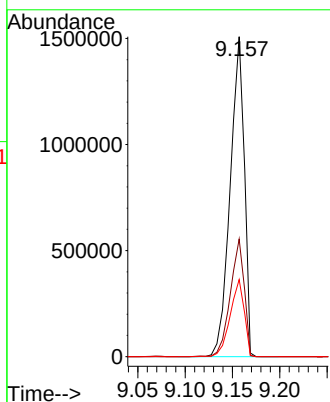
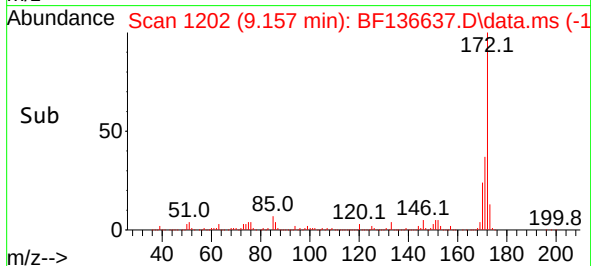


Tgt Ion:172 Resp: 1560620
Ion Ratio Lower Upper
172 100
171 36.8 29.0 43.6
170 24.1 18.9 28.3

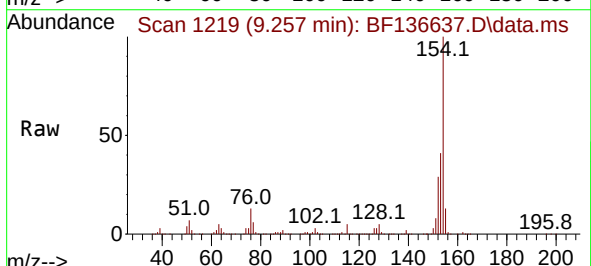
Manual Integrations

APPROVED

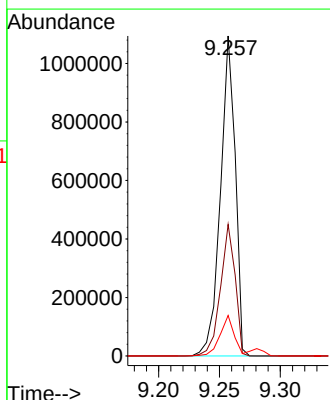
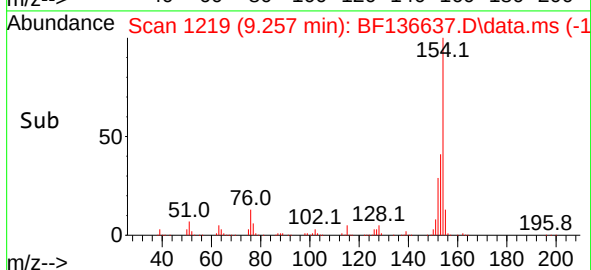
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

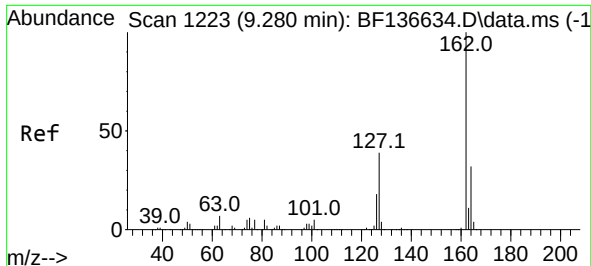


#46
1,1'-Biphenyl
Concen: 73.124 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.006 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43



Tgt Ion:154 Resp: 927163
Ion Ratio Lower Upper
154 100
153 41.1 20.5 60.5
76 12.6 0.0 32.2





#47

2-Chloronaphthalene

Concen: 75.158 ng

RT: 9.281 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136637.D

Acq: 19 Dec 2023 18:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:162 Resp: 719634

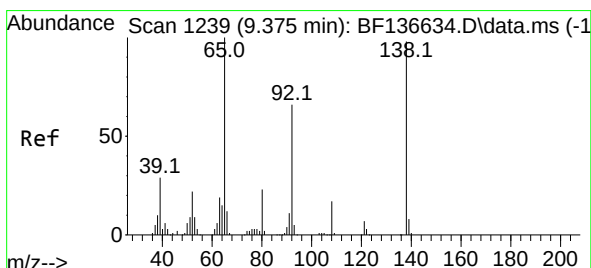
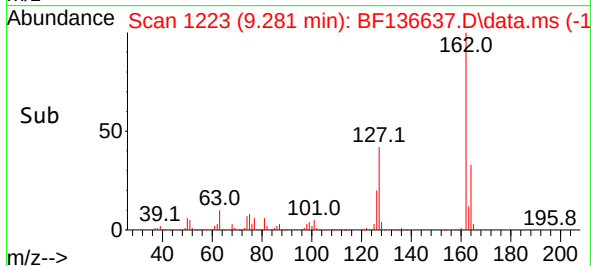
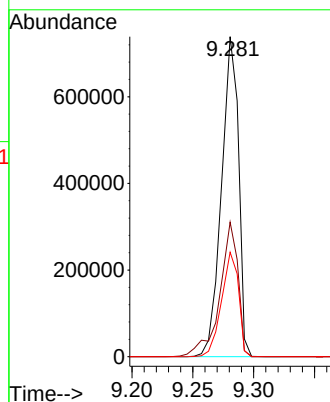
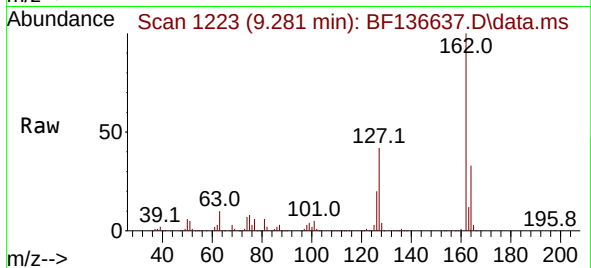
Ion	Ratio	Lower	Upper
162	100		
127	42.1	31.8	47.6
164	32.7	26.0	39.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#48

2-Nitroaniline

Concen: 77.523 ng

RT: 9.381 min Scan# 1240

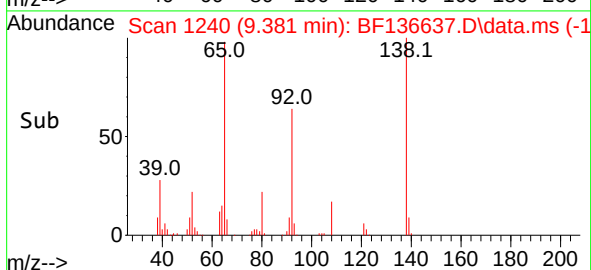
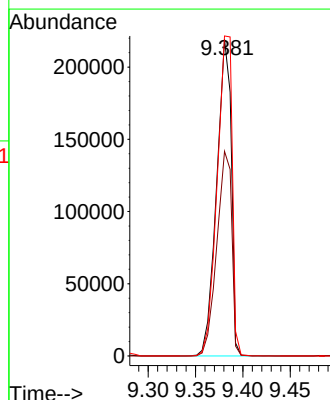
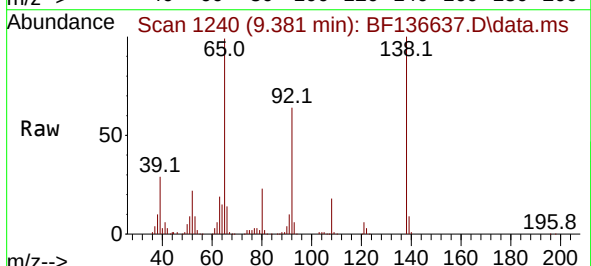
Delta R.T. 0.006 min

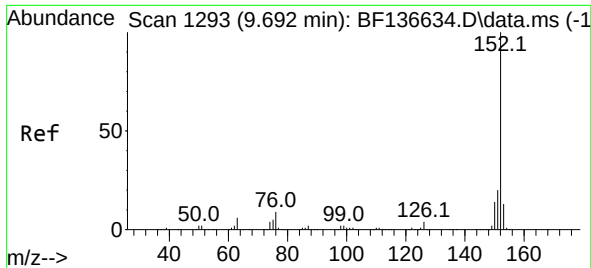
Lab File: BF136637.D

Acq: 19 Dec 2023 18:43

Tgt Ion: 65 Resp: 234704

Ion	Ratio	Lower	Upper
65	100		
92	64.6	52.6	79.0
138	101.0	78.2	117.2





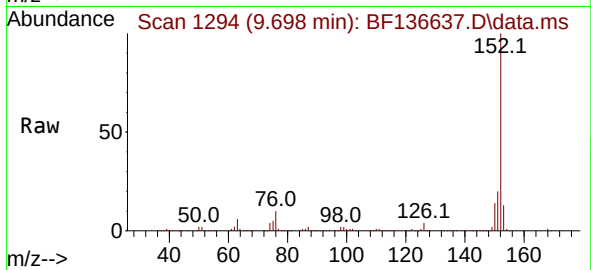
#49
Acenaphthylene
Concen: 71.961 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.006 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

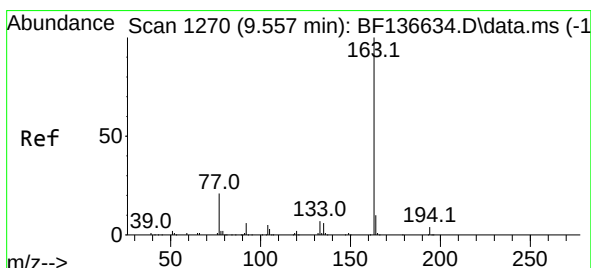
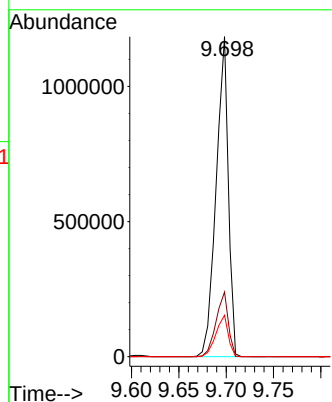
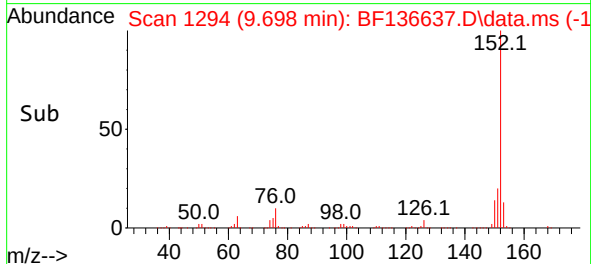


Tgt Ion:152 Resp: 1058139
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 12.9 10.3 15.5

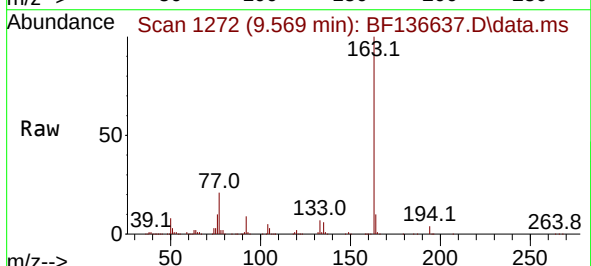
Manual Integrations

APPROVED

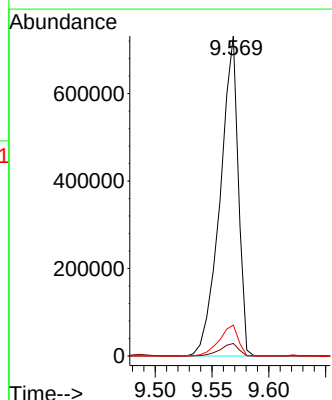
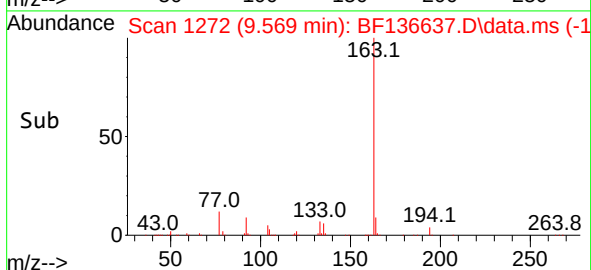
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

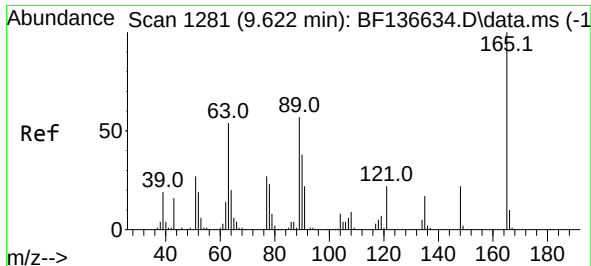


#50
Dimethylphthalate
Concen: 74.873 ng
RT: 9.569 min Scan# 1272
Delta R.T. 0.012 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43



Tgt Ion:163 Resp: 814352
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.6 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 75.556 ng

RT: 9.628 min Scan# 1281

Delta R.T. 0.006 min

Lab File: BF136637.D

Acq: 19 Dec 2023 18:43

Instrument :

BNA_F

ClientSampleId :

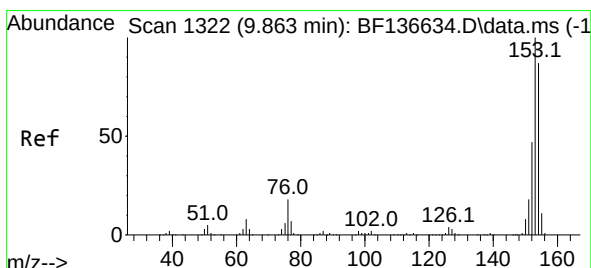
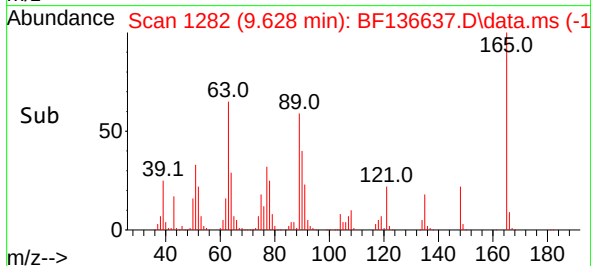
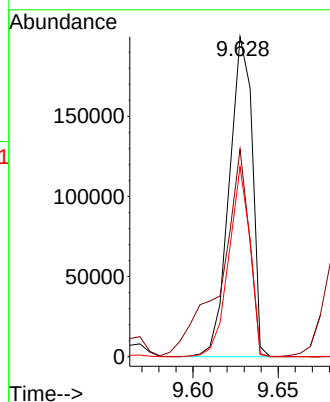
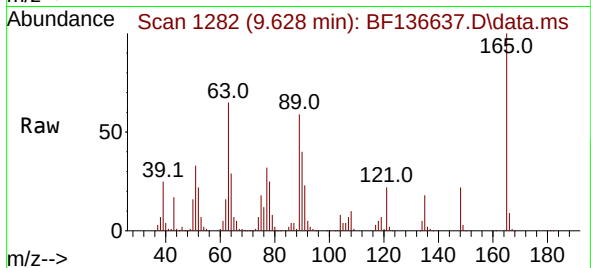
SSTDICC080

Tgt Ion:165 Resp: 187250
 Ion Ratio Lower Upper
 165 100
 63 64.8 47.3 70.9
 89 59.3 45.5 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023
 Supervised By :mohammad ahmed 12/20/2023



#52

Acenaphthene

Concen: 72.378 ng

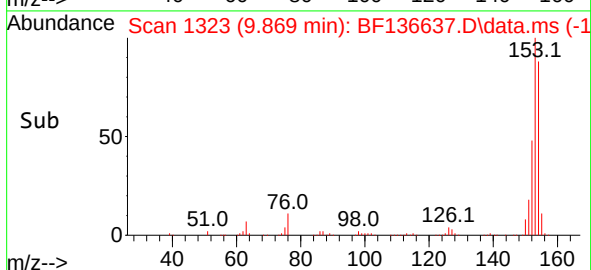
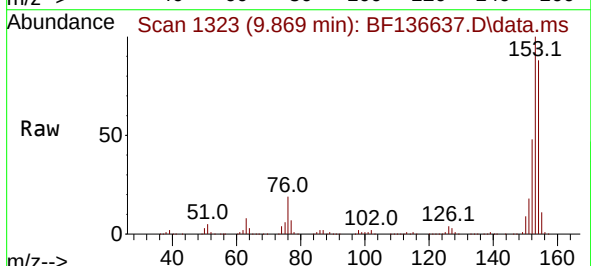
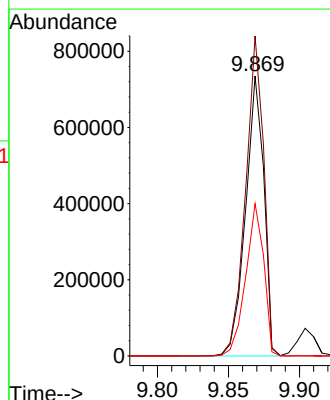
RT: 9.869 min Scan# 1323

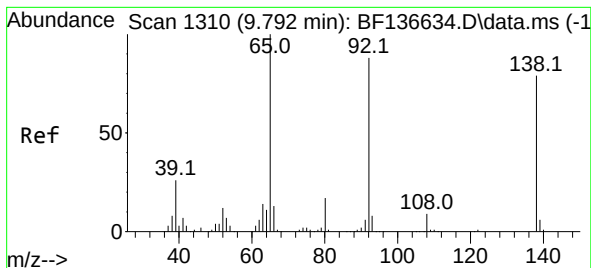
Delta R.T. 0.006 min

Lab File: BF136637.D

Acq: 19 Dec 2023 18:43

Tgt Ion:154 Resp: 658073
 Ion Ratio Lower Upper
 154 100
 153 114.3 92.3 138.5
 152 54.4 43.4 65.0





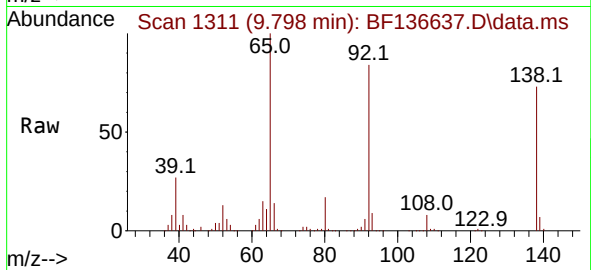
#53
3-Nitroaniline
Concen: 76.512 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

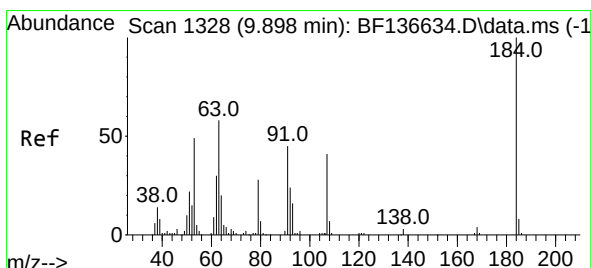
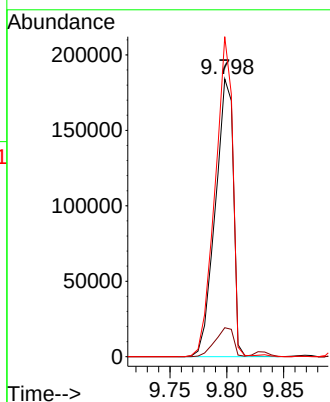
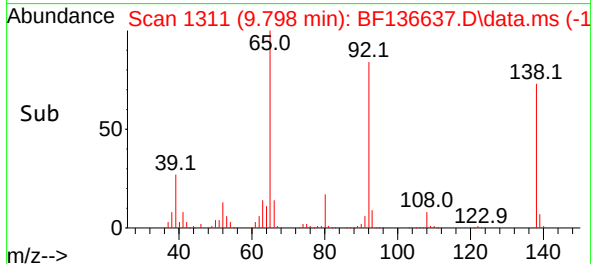


Tgt Ion:138 Resp: 203735
Ion Ratio Lower Upper
138 100
108 10.4 8.8 13.2
92 115.2 89.7 134.5

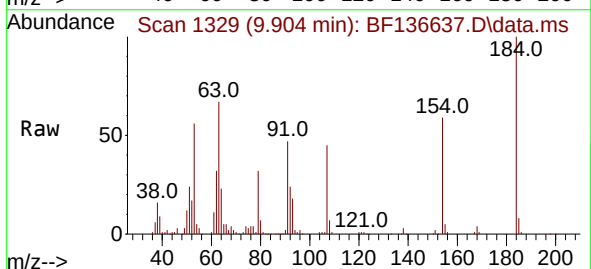
Manual Integrations

APPROVED

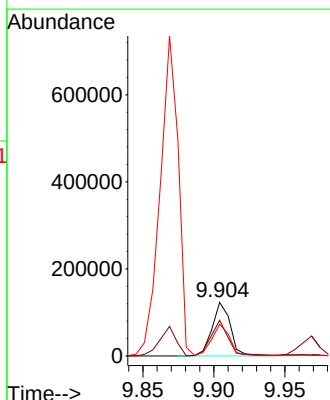
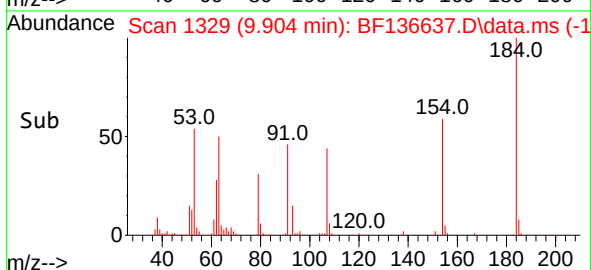
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

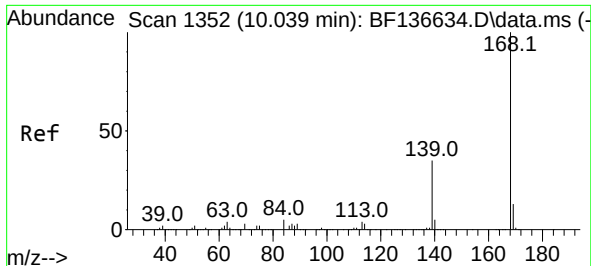


#54
2,4-Dinitrophenol
Concen: 87.823 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43



Tgt Ion:184 Resp: 111016
Ion Ratio Lower Upper
184 100
63 66.6 48.5 72.7
154 59.0 45.9 68.9





#55
Dibenzenofuran
Concen: 69.778 ng
RT: 10.045 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

Instrument :

BNA_F

ClientSampleId :

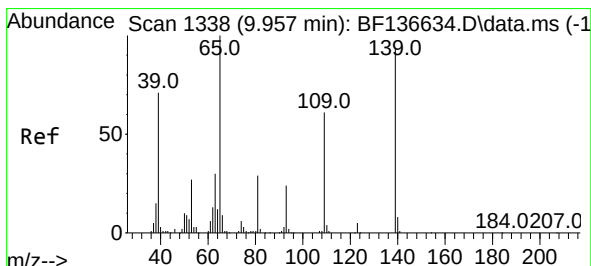
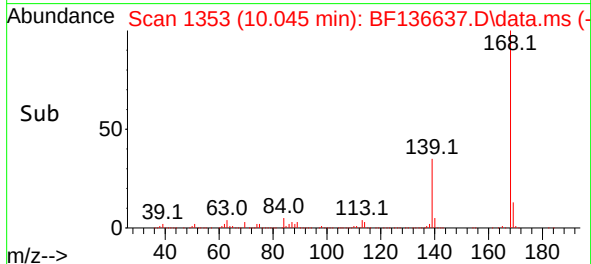
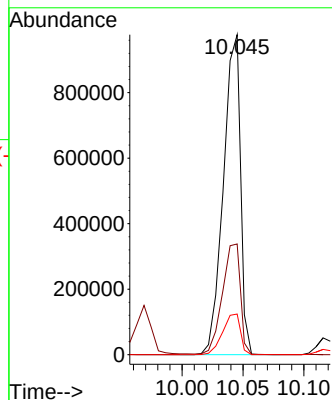
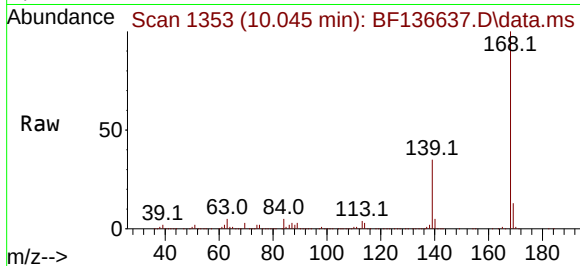
SSTDICC080

Tgt Ion:168 Resp: 956509
Ion Ratio Lower Upper
168 100
139 34.6 27.8 41.8
169 12.7 10.2 15.2

Manual Integrations

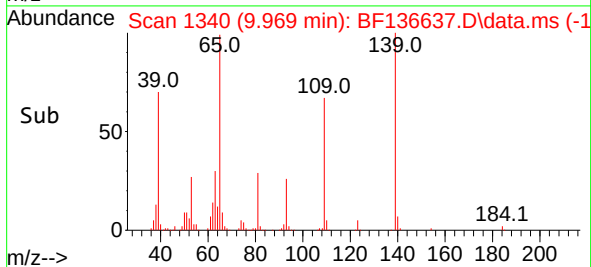
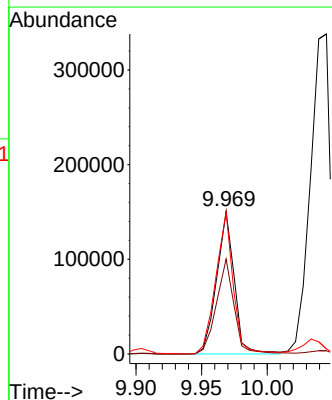
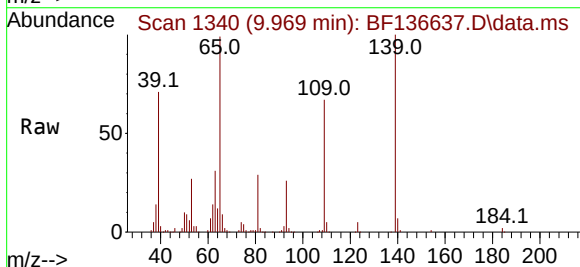
APPROVED

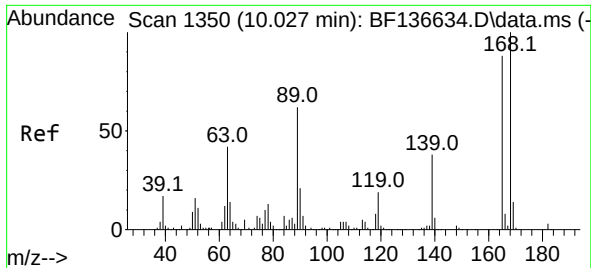
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#56
4-Nitrophenol
Concen: 77.177 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

Tgt Ion:139 Resp: 140159
Ion Ratio Lower Upper
139 100
109 66.5 46.2 86.2
65 99.4 87.8 127.8





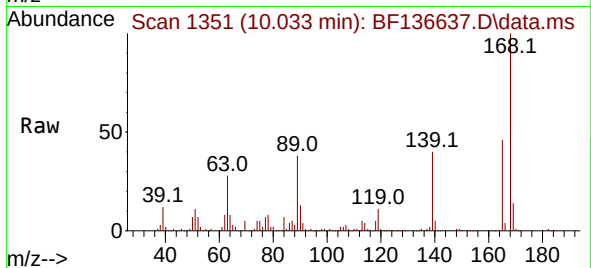
#57
2,4-Dinitrotoluene
Concen: 71.835 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



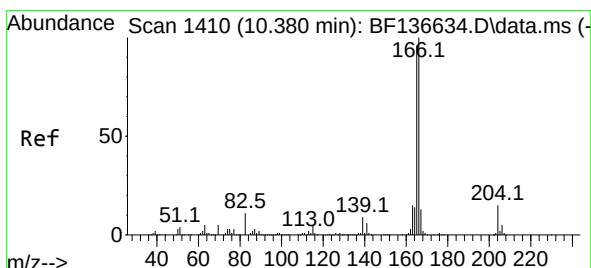
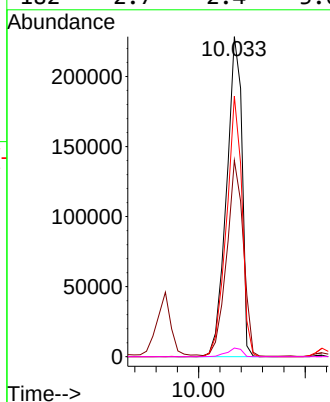
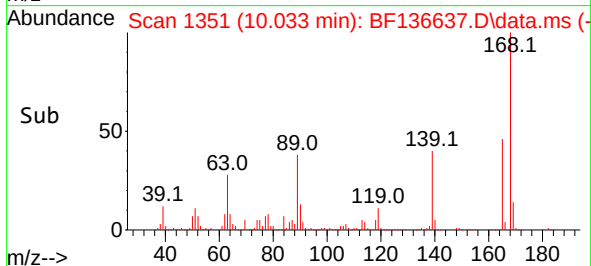
Tgt Ion:165 Resp: 229230
Ion Ratio Lower Upper
165 100
63 61.3 38.4 57.6
89 81.4 56.2 84.4
182 2.7 2.4 3.6

Manual Integrations

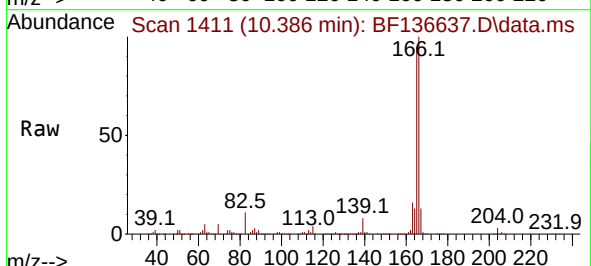
APPROVED

Reviewed By :Yogesh Patel 12/20/2023

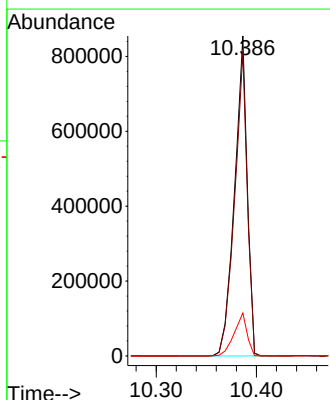
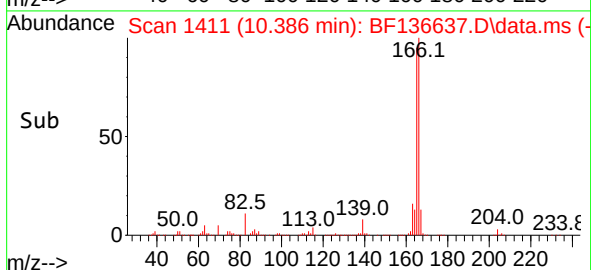
Supervised By :mohammad ahmed 12/20/2023

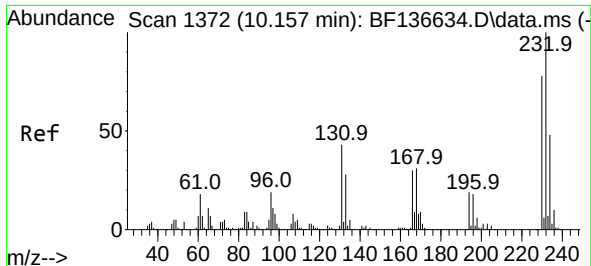


#58
Fluorene
Concen: 69.379 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43



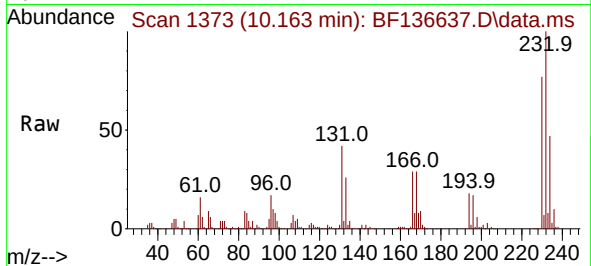
Tgt Ion:166 Resp: 754940
Ion Ratio Lower Upper
166 100
165 95.0 77.0 115.6
167 13.5 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 73.400 ng
RT: 10.163 min Scan# 1372
Delta R.T. 0.006 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

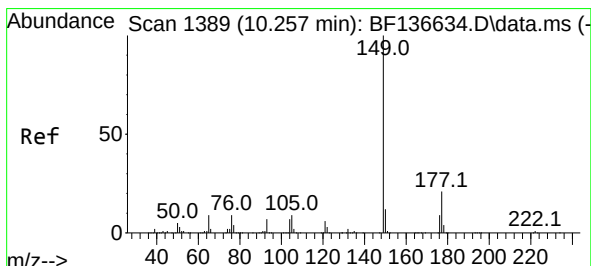
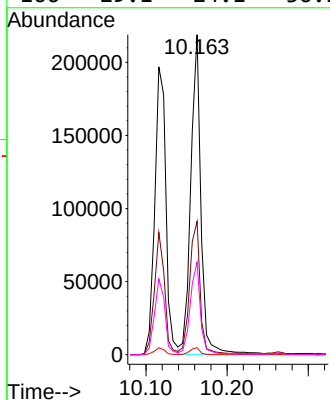
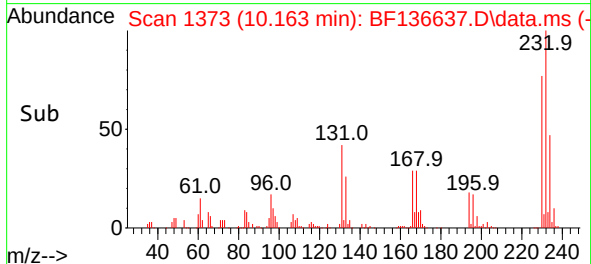
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:232 Resp: 19013
Ion Ratio Lower Upper
232 100
131 43.2 33.7 50.5
130 2.1 1.7 2.5
166 29.1 24.1 36.1

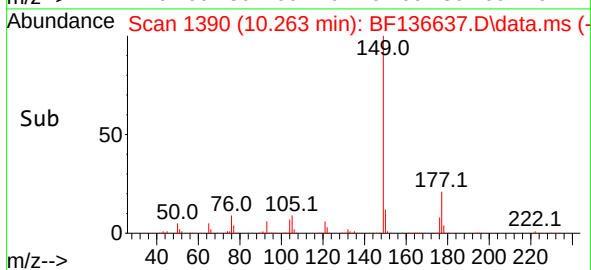
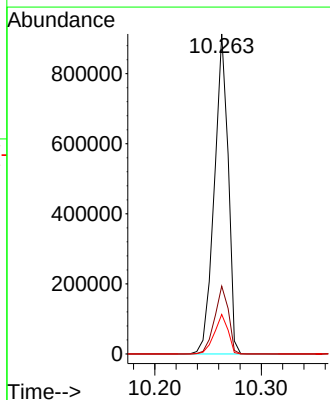
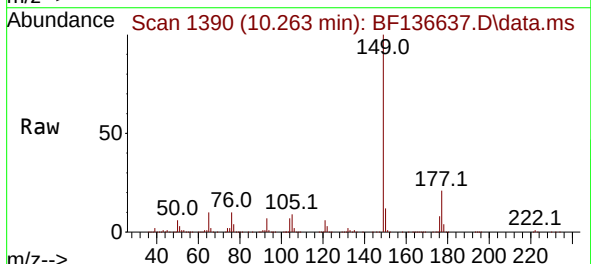
Manual Integrations
APPROVED

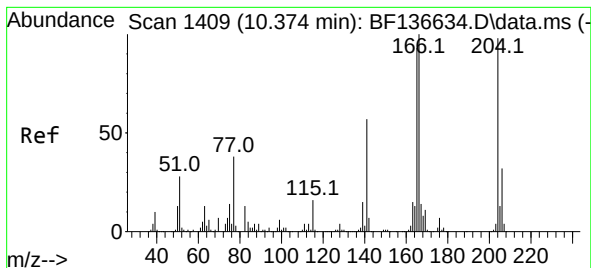
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#60
Diethylphthalate
Concen: 72.346 ng
RT: 10.263 min Scan# 1390
Delta R.T. 0.006 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

Tgt Ion:149 Resp: 818204
Ion Ratio Lower Upper
149 100
177 21.2 16.9 25.3
150 12.3 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 69.951 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

Instrument :

BNA_F

ClientSampleId :

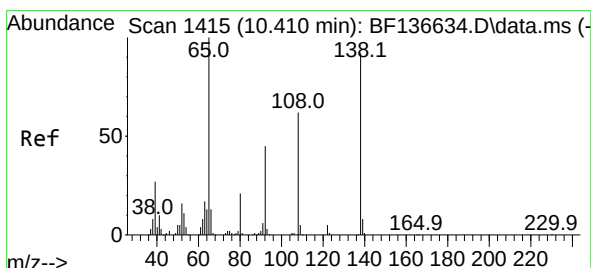
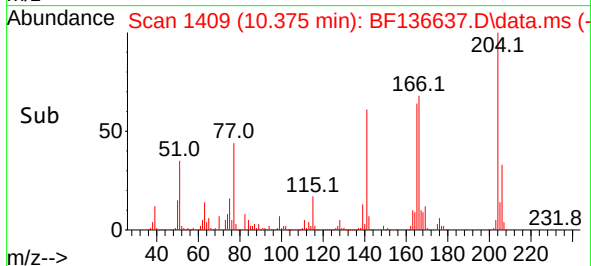
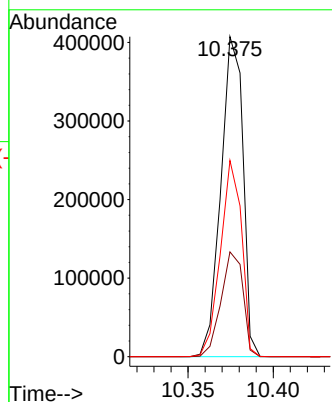
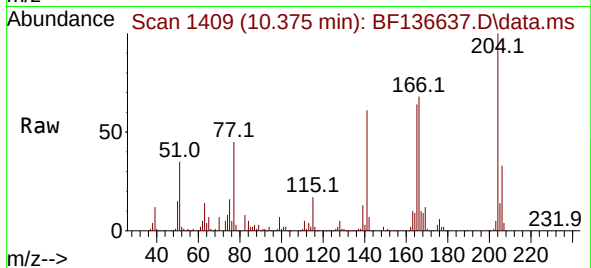
SSTDICC080

Tgt Ion:204 Resp: 366588
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 61.3 46.2 69.4

Manual Integrations

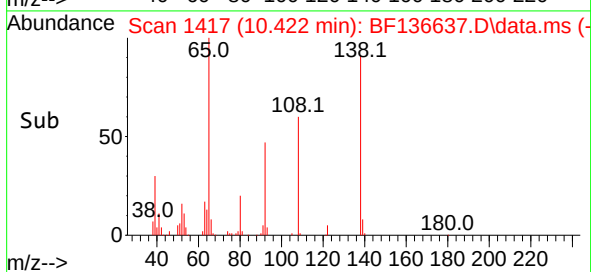
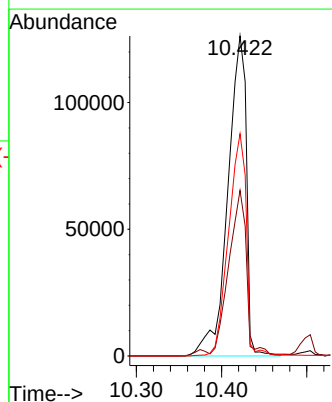
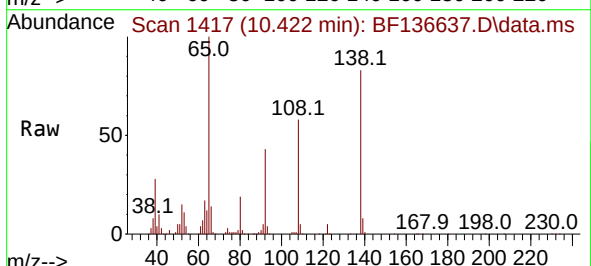
APPROVED

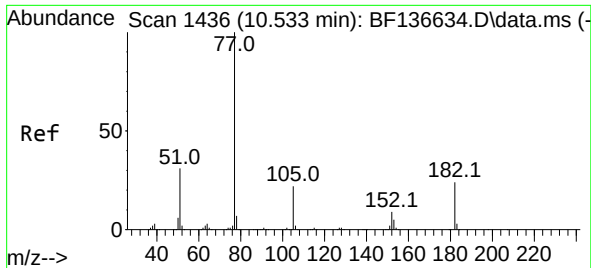
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#62
4-Nitroaniline
Concen: 72.190 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.012 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

Tgt Ion:138 Resp: 190182
Ion Ratio Lower Upper
138 100
92 51.8 28.8 68.8
108 69.5 47.2 87.2





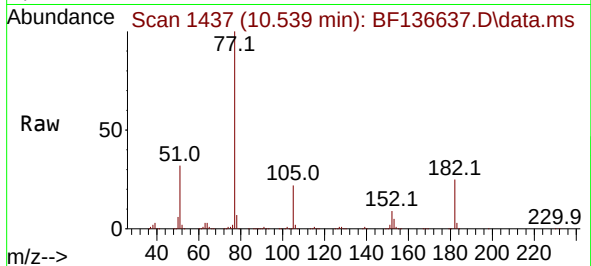
#63
Azobenzene
Concen: 73.398 ng
RT: 10.539 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

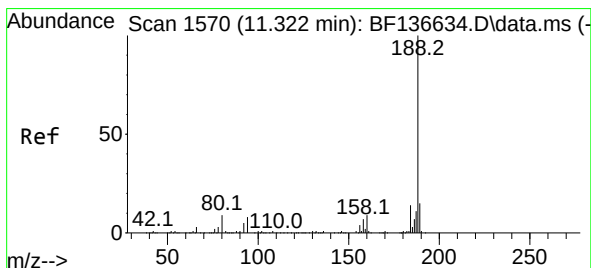
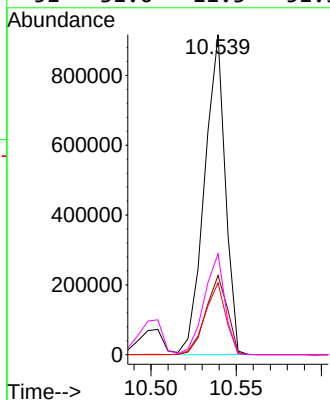
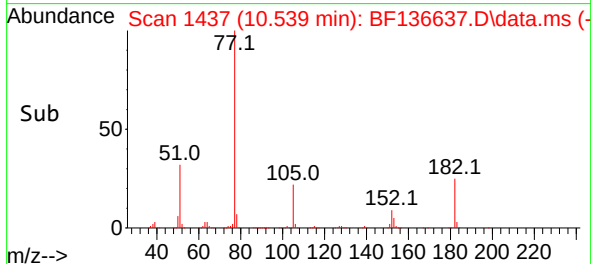


Tgt Ion: 77 Resp: 77552
Ion Ratio Lower Upper
77 100
182 24.8 3.7 43.7
105 22.5 1.5 41.5
51 31.6 11.3 51.3

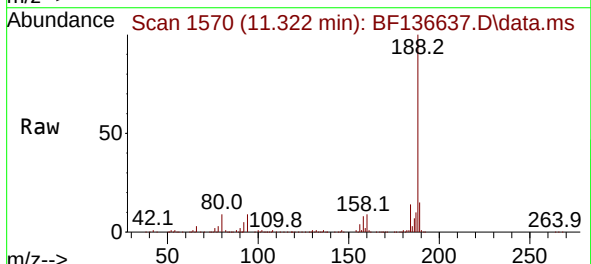
Manual Integrations

APPROVED

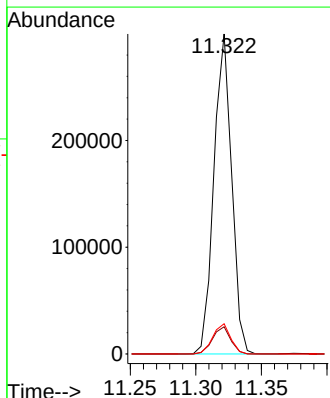
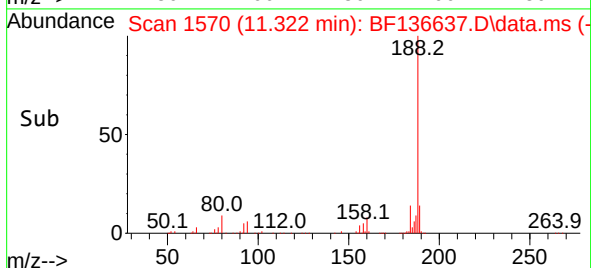
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

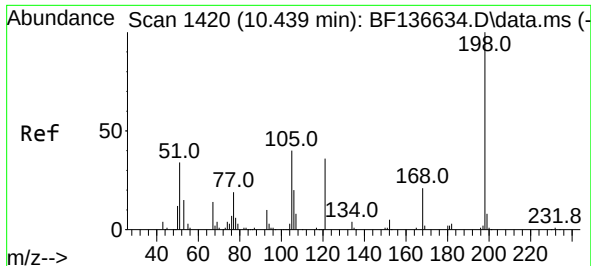


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43



Tgt Ion:188 Resp: 281710
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.4 7.0 10.4





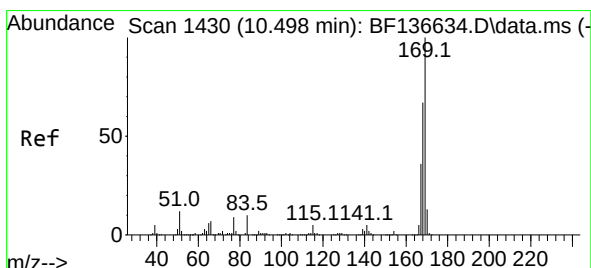
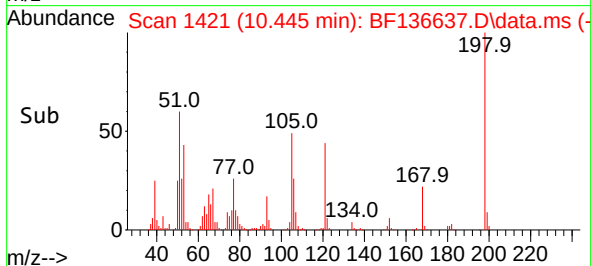
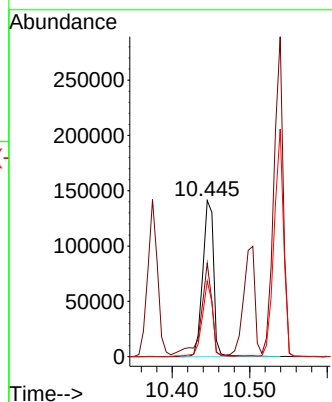
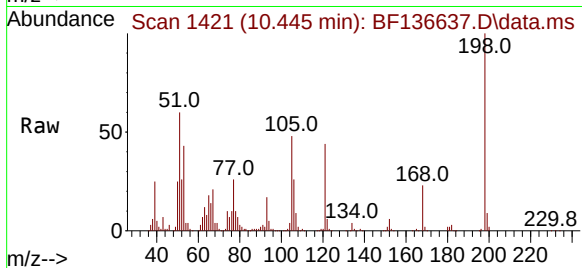
#65
4,6-Dinitro-2-methylphenol
Concen: 83.324 ng
RT: 10.445 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:198 Resp: 13859
Ion Ratio Lower Upper
198 100
51 59.9 20.2 60.2
105 48.4 20.6 60.6

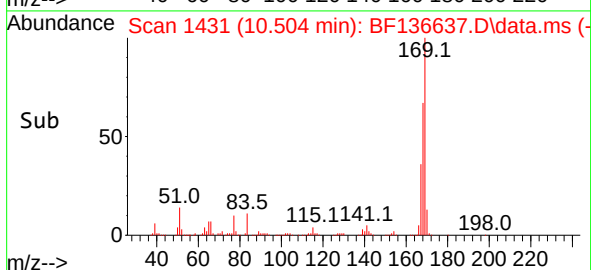
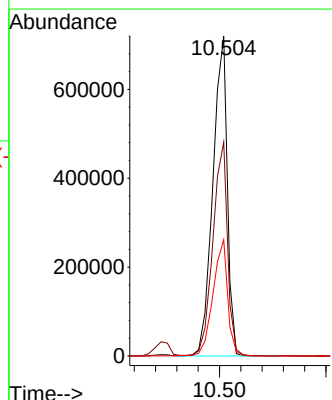
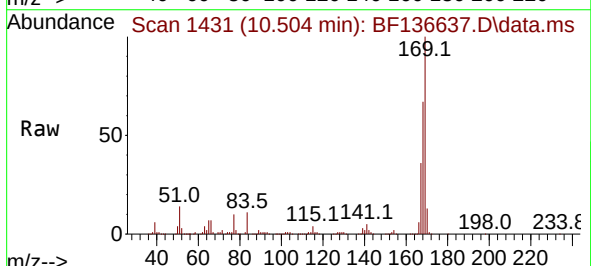
Manual Integrations
APPROVED

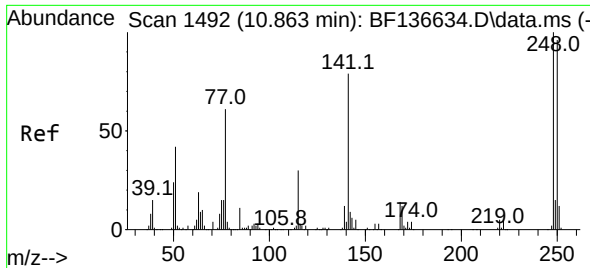
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#66
n-Nitrosodiphenylamine
Concen: 73.282 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

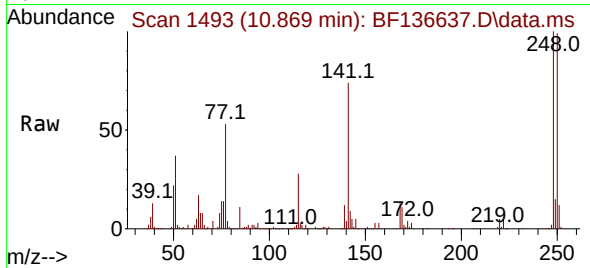
Tgt Ion:169 Resp: 678433
Ion Ratio Lower Upper
169 100
168 66.8 53.7 80.5
167 36.3 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 72.917 ng
RT: 10.869 min Scan# 1492
Delta R.T. 0.006 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

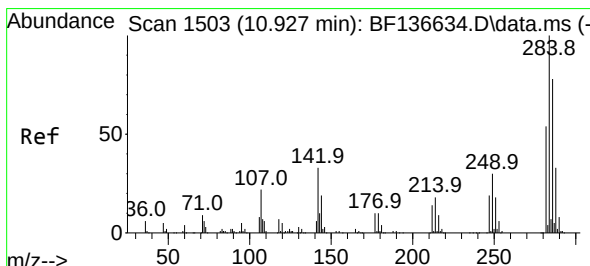
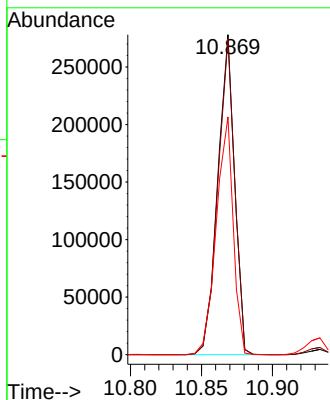
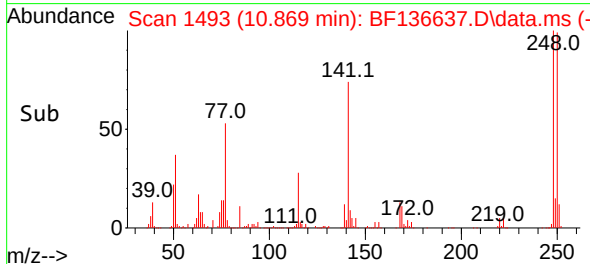
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



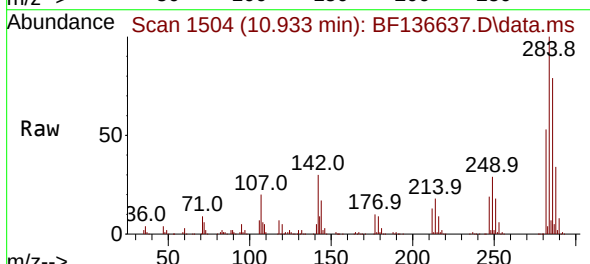
Tgt Ion:248 Resp: 229583
Ion Ratio Lower Upper
248 100
250 98.8 77.0 115.4
141 74.3 63.0 94.4

Manual Integrations
APPROVED

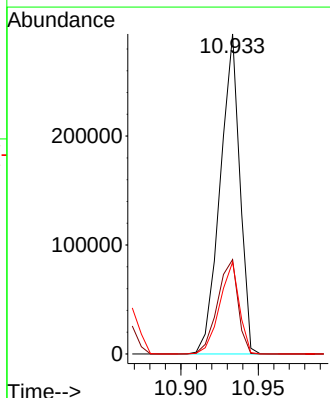
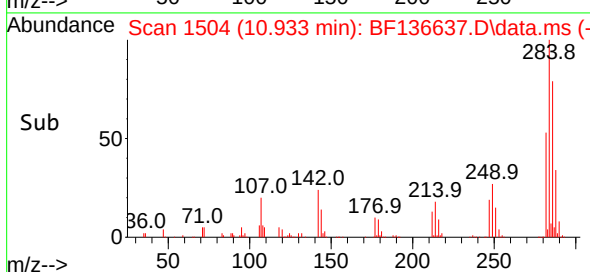
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

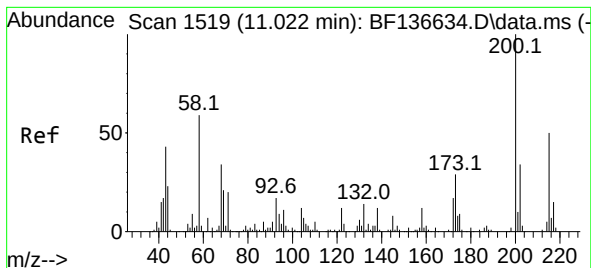


#68
Hexachlorobenzene
Concen: 73.689 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.006 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43



Tgt Ion:284 Resp: 258882
Ion Ratio Lower Upper
284 100
142 29.5 26.6 40.0
249 28.7 23.9 35.9





#69

Atrazine

Concen: 40.629 ng

RT: 11.028 min Scan# 1519

Delta R.T. 0.005 min

Lab File: BF136637.D

Acq: 19 Dec 2023 18:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

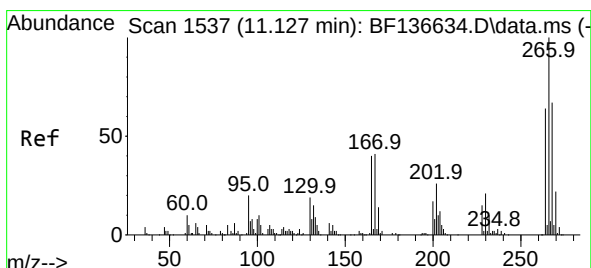
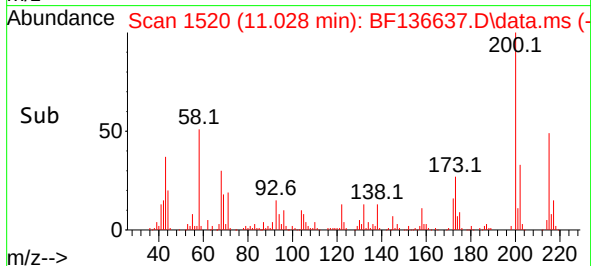
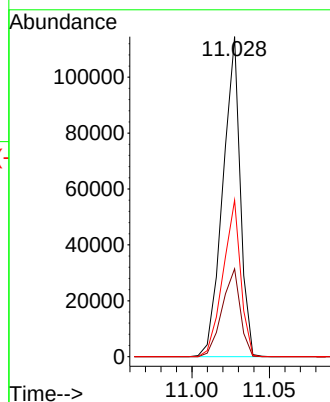
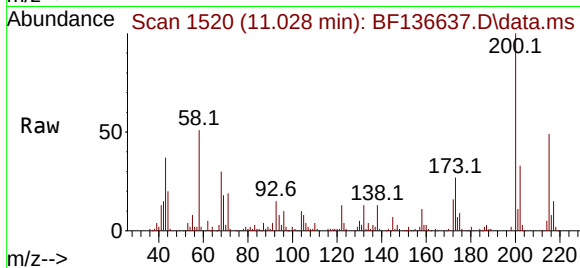
Tgt Ion:200 Resp: 89372
 Ion Ratio Lower Upper
 200 100
 173 27.5 8.8 48.8
 215 48.9 29.7 69.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#70

Pentachlorophenol

Concen: 76.545 ng

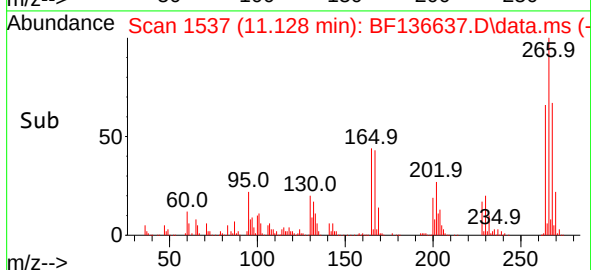
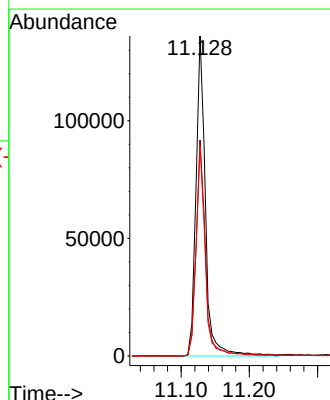
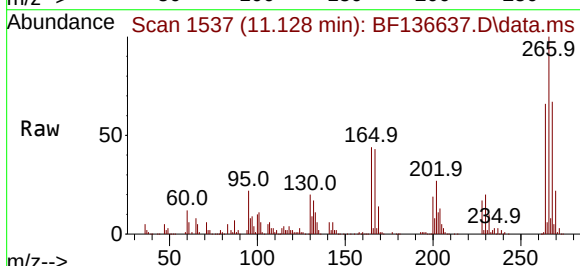
RT: 11.128 min Scan# 1537

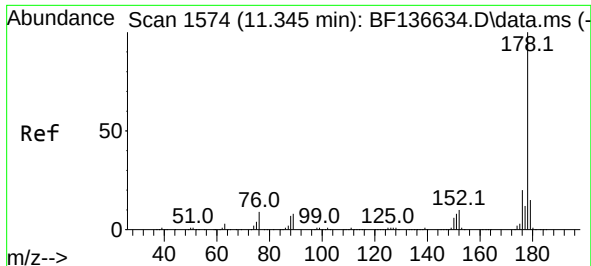
Delta R.T. 0.000 min

Lab File: BF136637.D

Acq: 19 Dec 2023 18:43

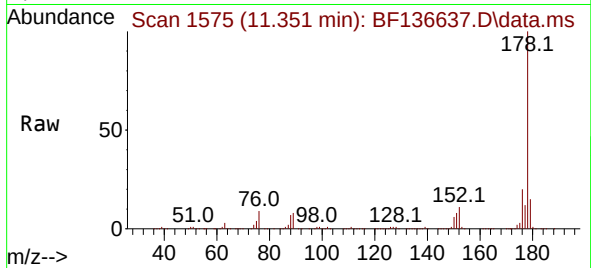
Tgt Ion:266 Resp: 130706
 Ion Ratio Lower Upper
 266 100
 268 67.4 53.6 80.4
 264 65.8 51.3 76.9





#71
Phenanthrene
Concen: 70.692 ng
RT: 11.351 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

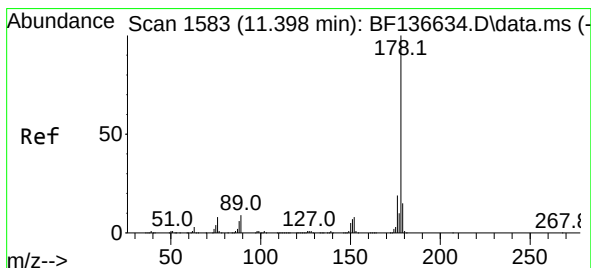
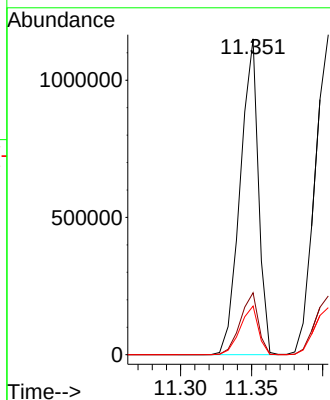
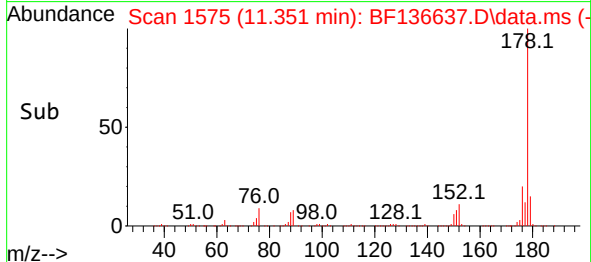
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



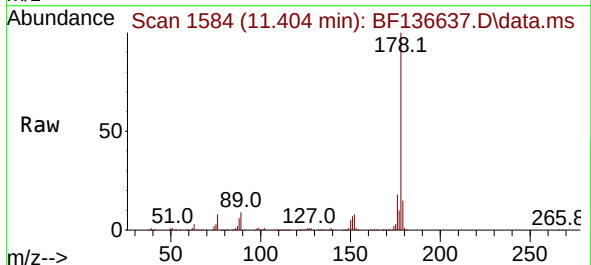
Tgt Ion:178 Resp: 102864
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 15.4 11.9 17.9

Manual Integrations
APPROVED

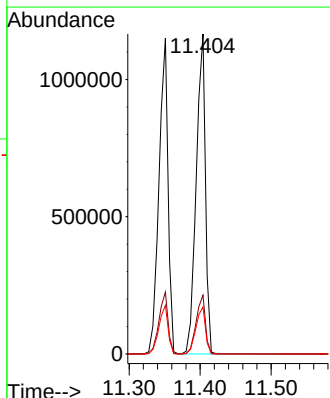
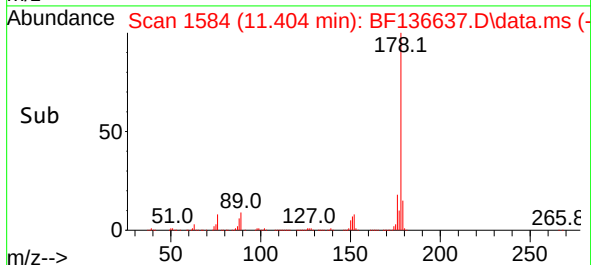
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

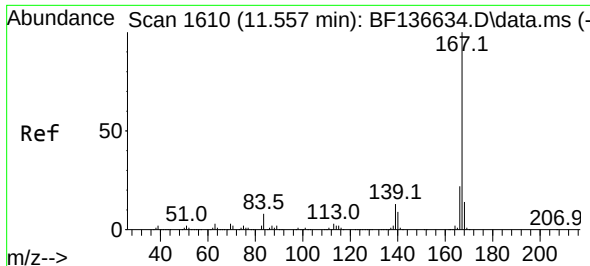


#72
Anthracene
Concen: 71.683 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.006 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43



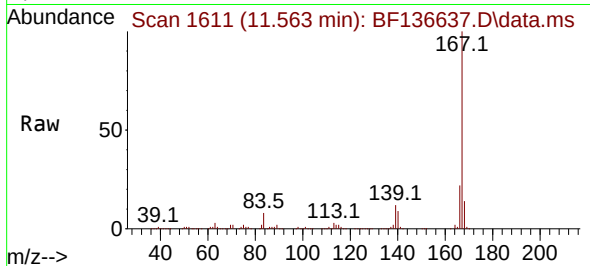
Tgt Ion:178 Resp: 1054537
Ion Ratio Lower Upper
178 100
176 18.3 14.9 22.3
179 14.7 12.0 18.0





#73
 Carbazole
 Concen: 70.276 ng
 RT: 11.563 min Scan# 1610
 Delta R.T. 0.006 min
 Lab File: BF136637.D
 Acq: 19 Dec 2023 18:43

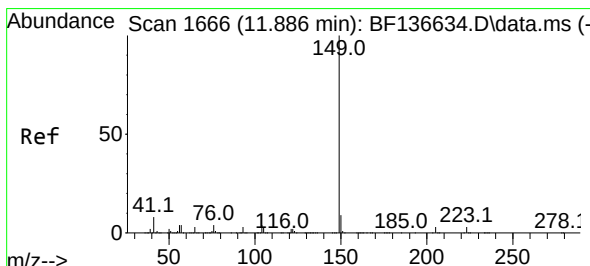
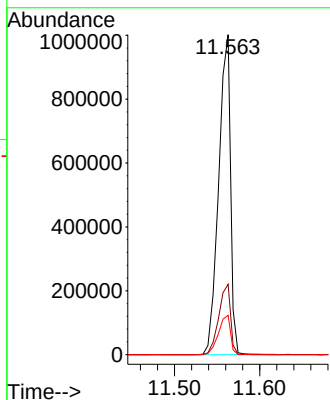
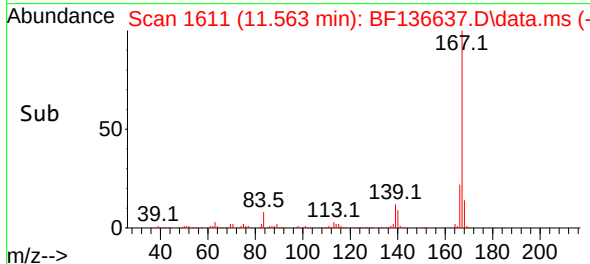
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080



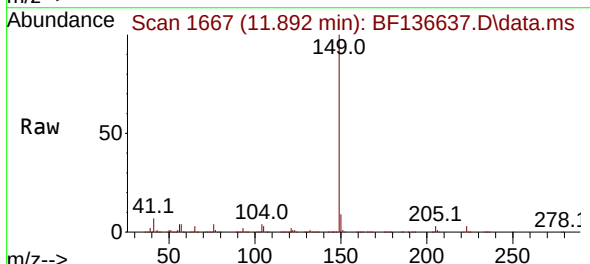
Tgt Ion:167 Resp: 96848
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 12.3 10.0 15.0

Manual Integrations
 APPROVED

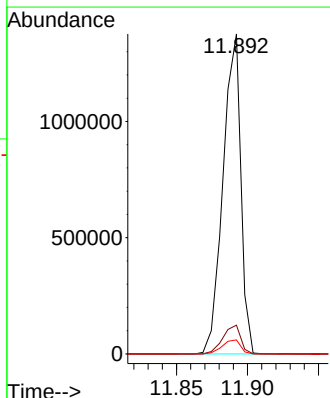
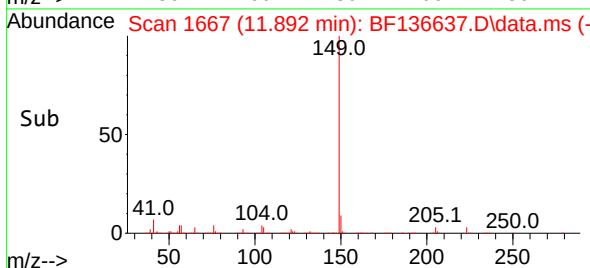
Reviewed By :Yogesh Patel 12/20/2023
 Supervised By :mohammad ahmed 12/20/2023

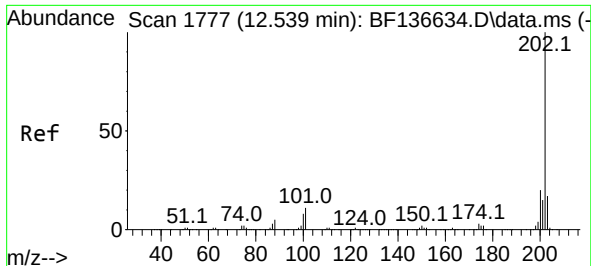


#74
 Di-n-butylphthalate
 Concen: 70.996 ng
 RT: 11.892 min Scan# 1667
 Delta R.T. 0.006 min
 Lab File: BF136637.D
 Acq: 19 Dec 2023 18:43



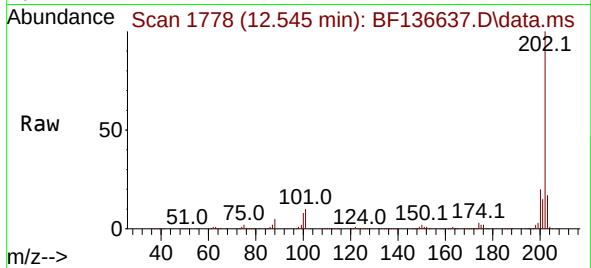
Tgt Ion:149 Resp: 1195444
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.2 10.8
 104 4.4 3.6 5.4





#75
Fluoranthene
Concen: 67.394 ng
RT: 12.545 min Scan# 1777
Delta R.T. 0.006 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

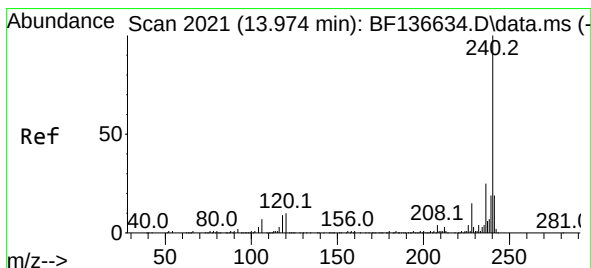
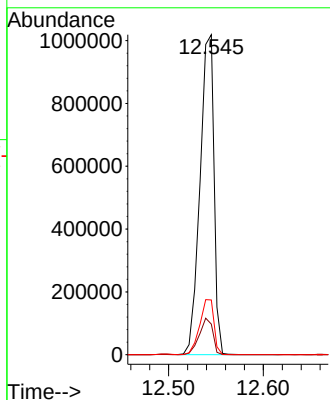
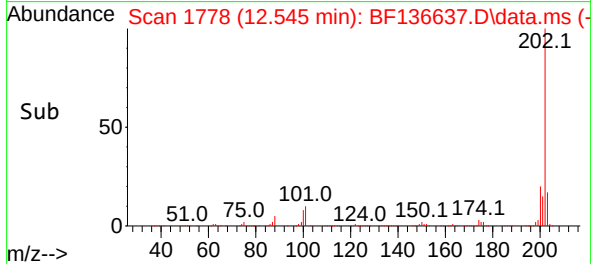
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



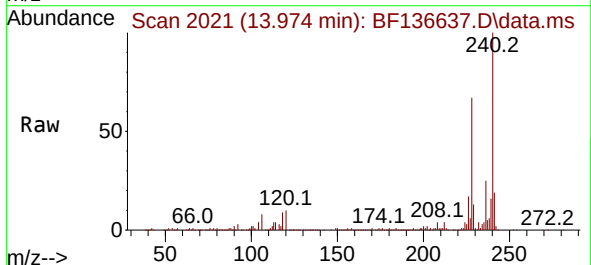
Tgt Ion:202 Resp: 1045030
Ion Ratio Lower Upper
202 100
101 9.6 0.0 31.2
203 17.1 0.0 37.4

Manual Integrations
APPROVED

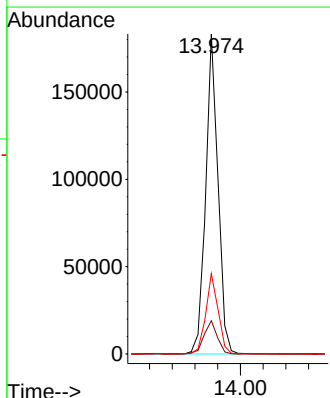
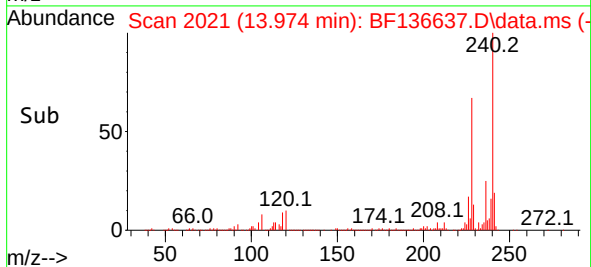
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

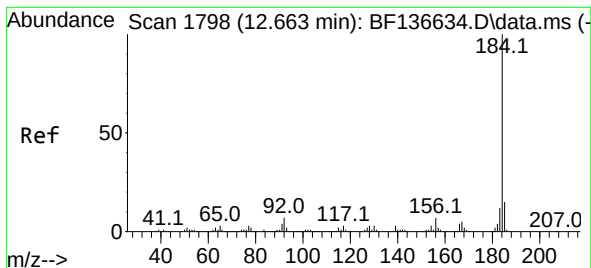


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43



Tgt Ion:240 Resp: 137602
Ion Ratio Lower Upper
240 100
120 10.4 7.6 11.4
236 25.1 20.2 30.2





#77

Benzidine

Concen: 43.299 ng

RT: 12.663 min Scan# 1798

Delta R.T. 0.000 min

Lab File: BF136637.D

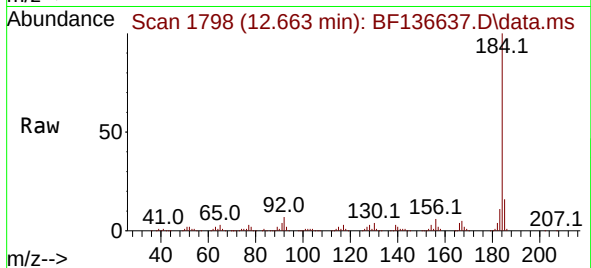
Acq: 19 Dec 2023 18:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:184 Resp: 164730

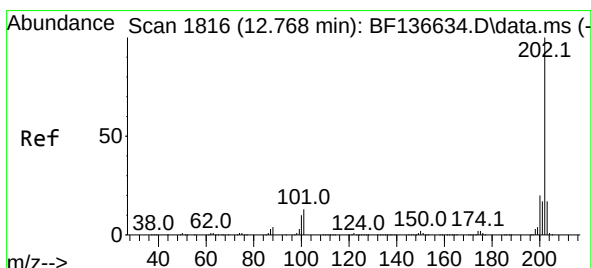
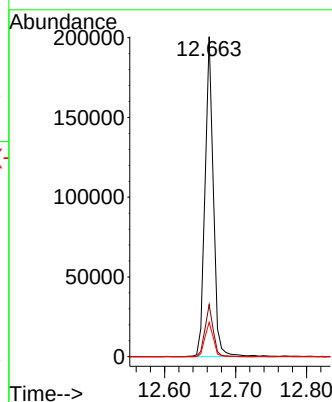
Ion	Ratio	Lower	Upper
184	100		
185	16.3	11.7	17.5
183	10.7	9.5	14.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#78

Pyrene

Concen: 75.937 ng

RT: 12.774 min Scan# 1817

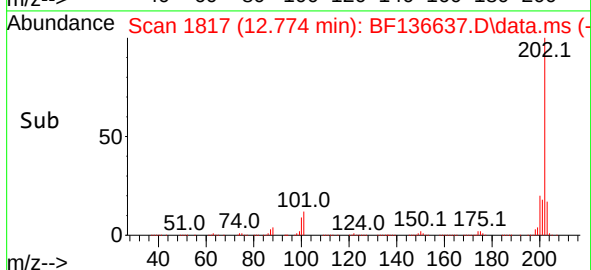
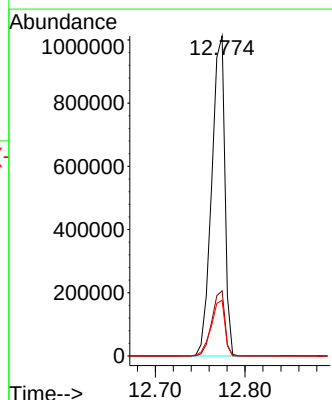
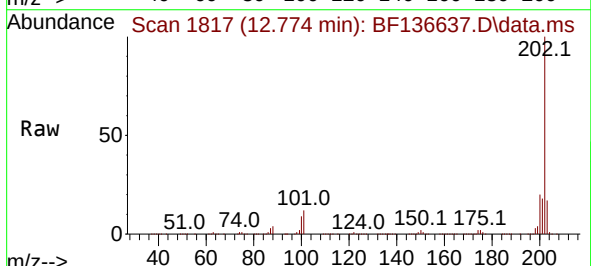
Delta R.T. 0.006 min

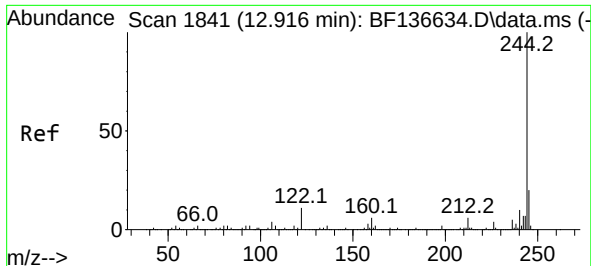
Lab File: BF136637.D

Acq: 19 Dec 2023 18:43

Tgt Ion:202 Resp: 1030779

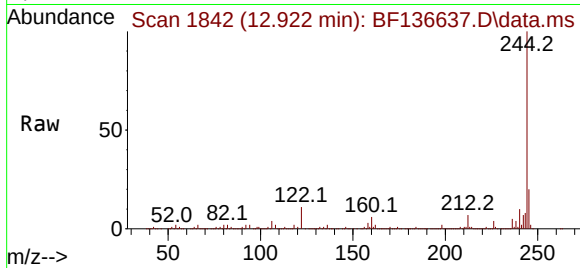
Ion	Ratio	Lower	Upper
202	100		
200	20.4	15.9	23.9
203	17.4	13.4	20.2





#79
 Terphenyl-d14
 Concen: 145.278 ng
 RT: 12.922 min Scan# 1841
 Delta R.T. 0.006 min
 Lab File: BF136637.D
 Acq: 19 Dec 2023 18:43

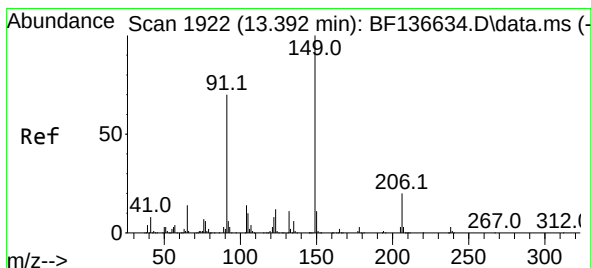
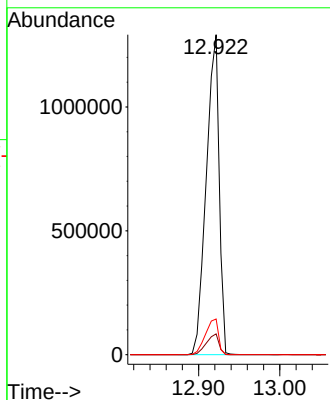
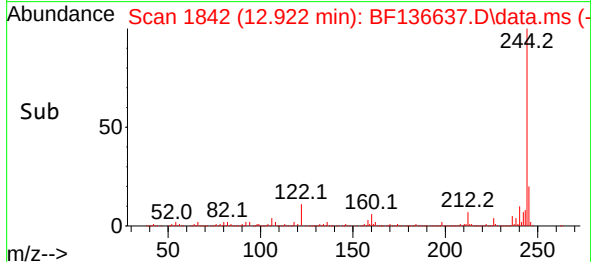
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080



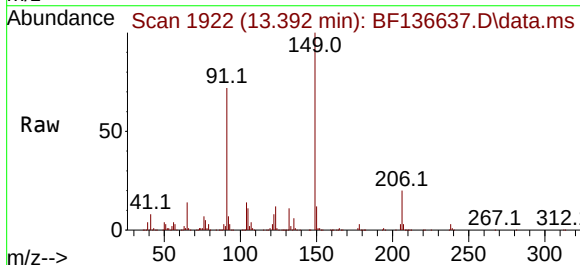
Tgt Ion:244 Resp: 1419618
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 11.2 9.2 13.8

Manual Integrations
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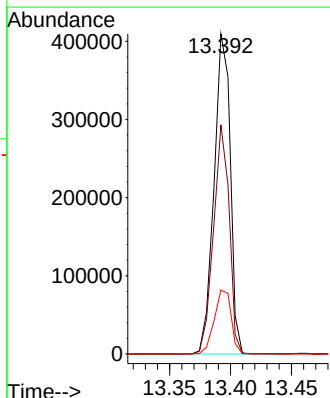
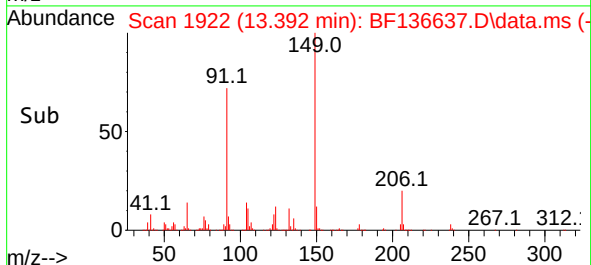
Reviewed By :Yogesh Patel 12/20/2023
 Supervised By :mohammad ahmed 12/20/2023

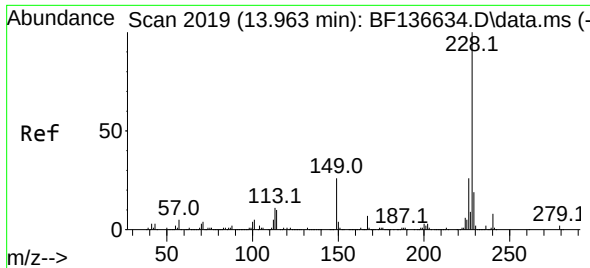


#80
 Butylbenzylphthalate
 Concen: 79.024 ng
 RT: 13.392 min Scan# 1922
 Delta R.T. 0.000 min
 Lab File: BF136637.D
 Acq: 19 Dec 2023 18:43



Tgt Ion:149 Resp: 380819
 Ion Ratio Lower Upper
 149 100
 91 71.6 56.0 84.0
 206 20.0 16.2 24.4





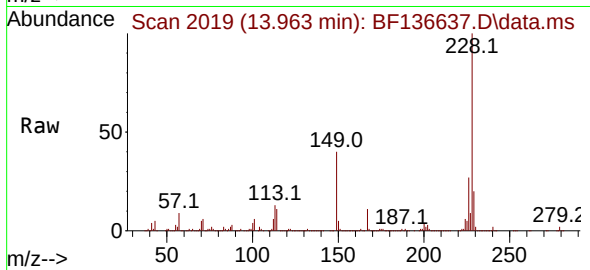
#81
Benzo(a)anthracene
Concen: 72.588 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

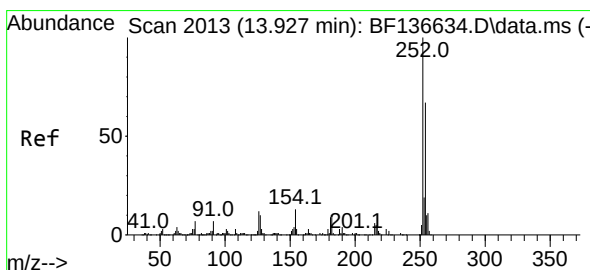
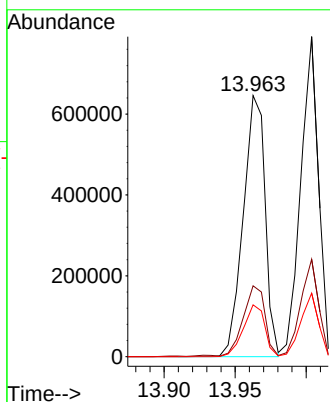
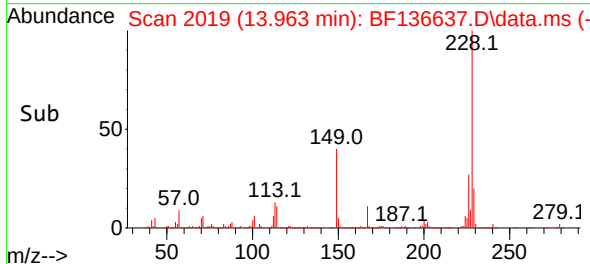


Tgt Ion:228 Resp: 69252
Ion Ratio Lower Upper
228 100
226 27.1 21.2 31.8
229 19.9 15.4 23.0

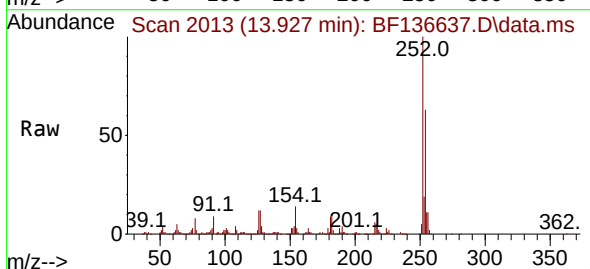
Manual Integrations

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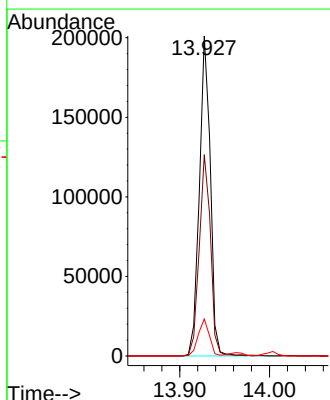
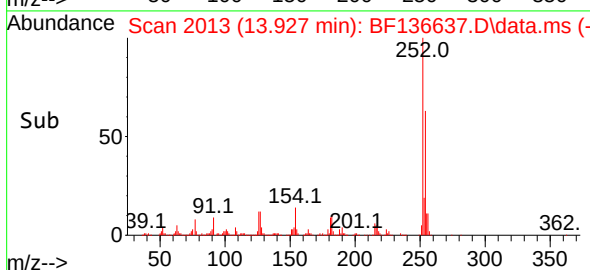
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

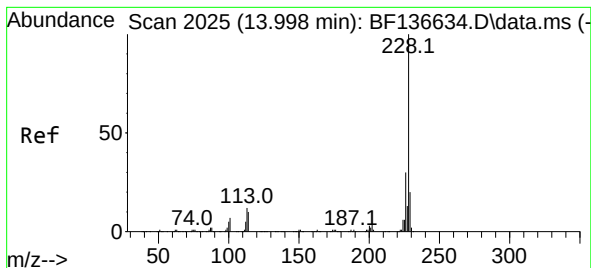


#82
3,3'-Dichlorobenzidine
Concen: 66.040 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43



Tgt Ion:252 Resp: 170635
Ion Ratio Lower Upper
252 100
254 62.9 53.4 80.0
126 11.5 9.4 14.2





#83

Chrysene

Concen: 74.565 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF136637.D

Acq: 19 Dec 2023 18:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:228 Resp: 687294

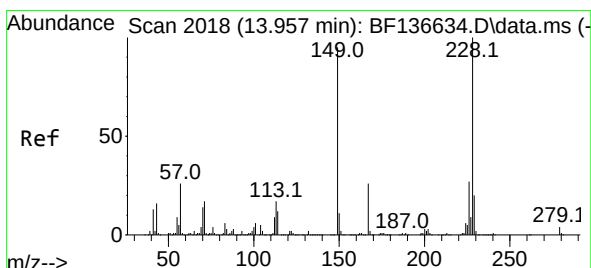
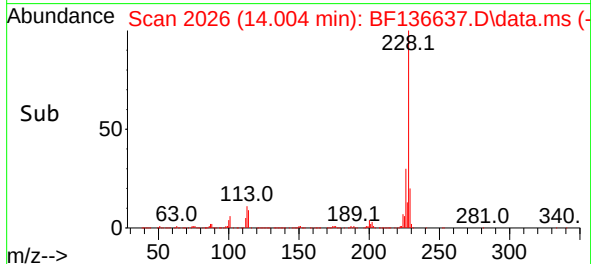
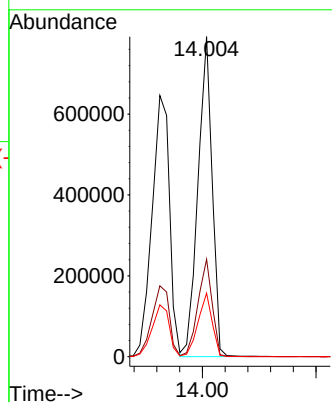
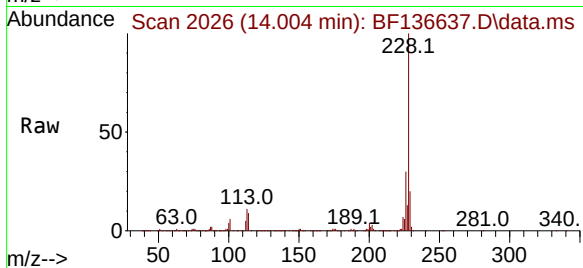
Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.2
229	19.8	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 79.305 ng

RT: 13.957 min Scan# 2018

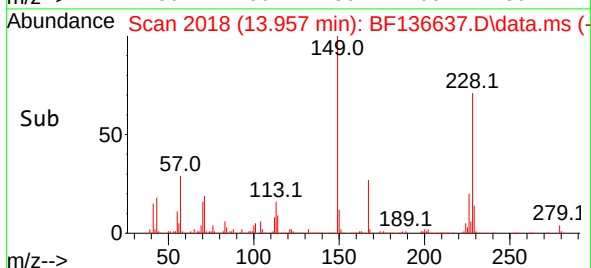
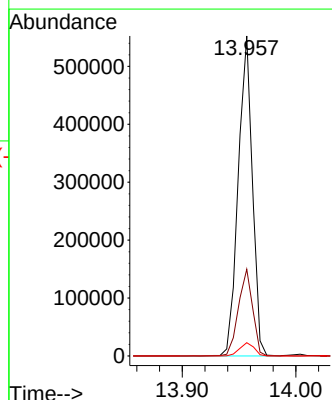
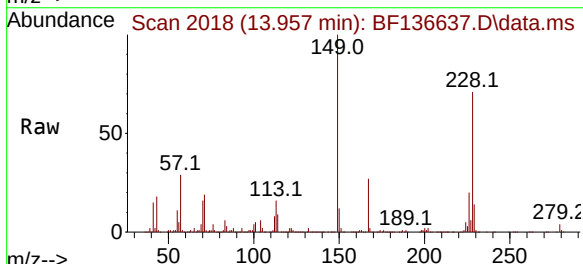
Delta R.T. 0.000 min

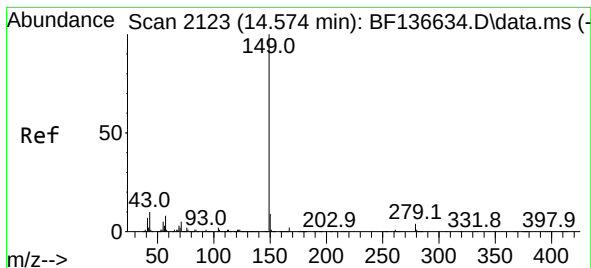
Lab File: BF136637.D

Acq: 19 Dec 2023 18:43

Tgt Ion:149 Resp: 477691

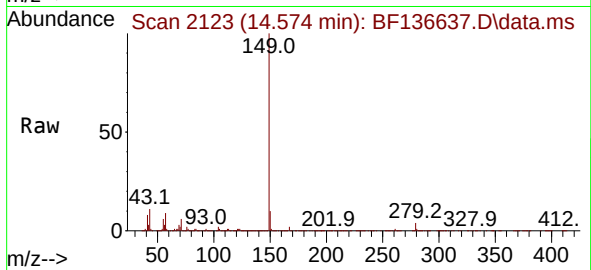
Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.5	32.3
279	4.1	3.4	5.2





#85
Di-n-octyl phthalate
Concen: 86.101 ng
RT: 14.574 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

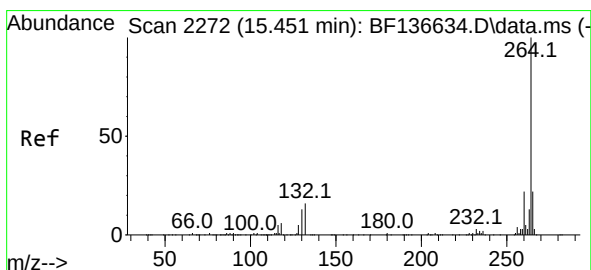
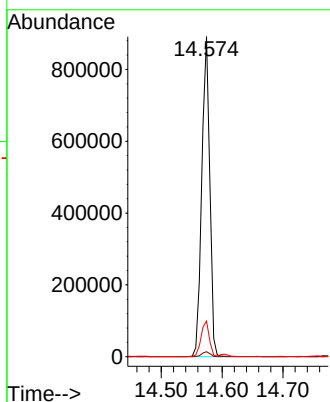
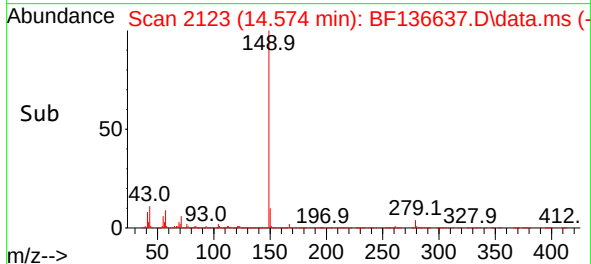
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



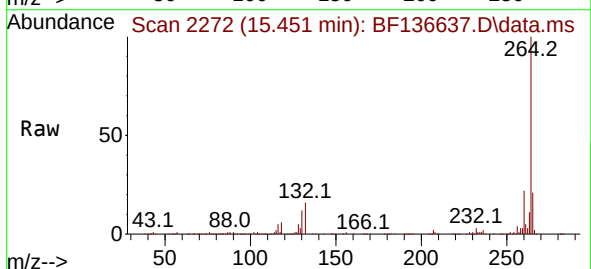
Tgt Ion:149 Resp: 808274
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 11.4 8.7 13.1

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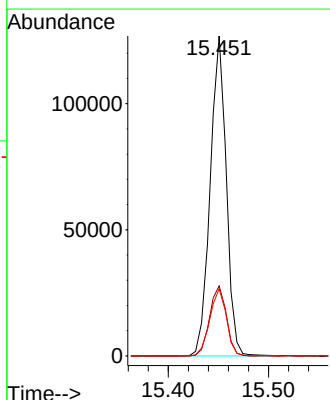
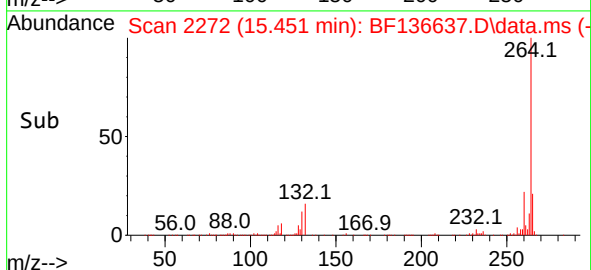
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

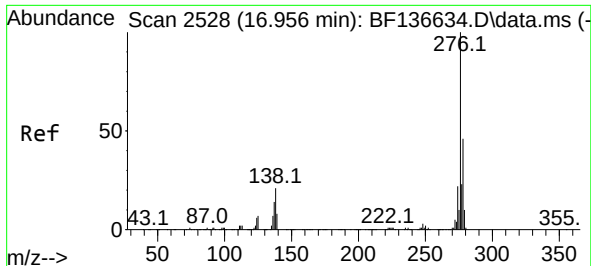


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.000 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43



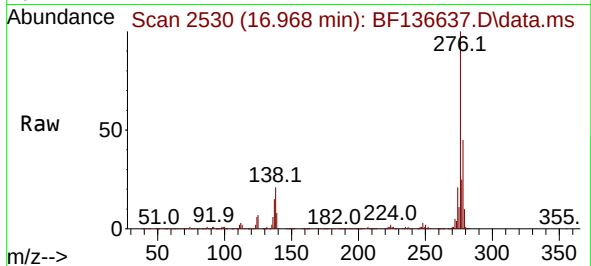
Tgt Ion:264 Resp: 141454
Ion Ratio Lower Upper
264 100
260 21.9 17.9 26.9
265 20.9 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 83.046 ng
RT: 16.968 min Scan# 2199
Delta R.T. 0.012 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

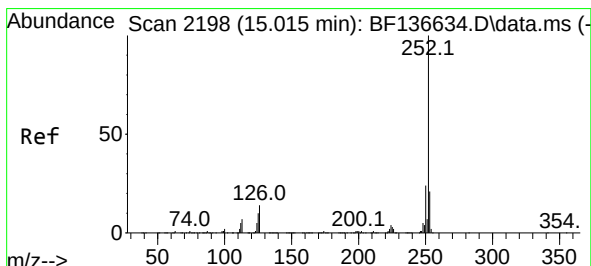
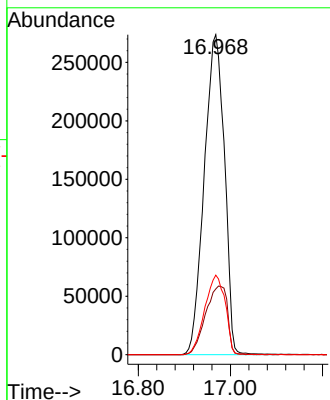
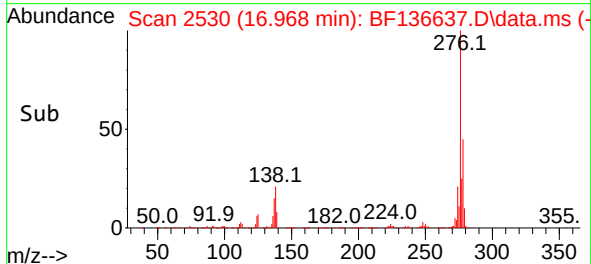
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



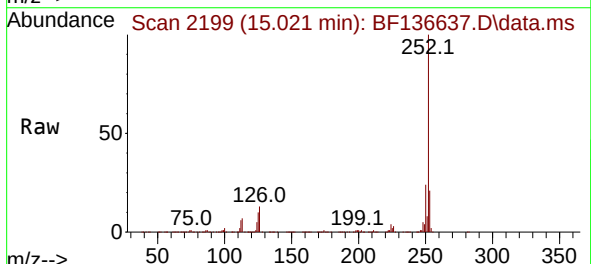
Tgt Ion:276 Resp: 835264
Ion Ratio Lower Upper
276 100
138 23.1 18.5 27.7
277 25.2 19.9 29.9

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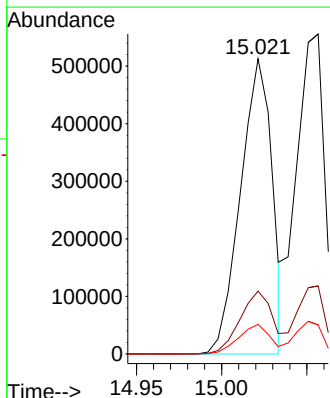
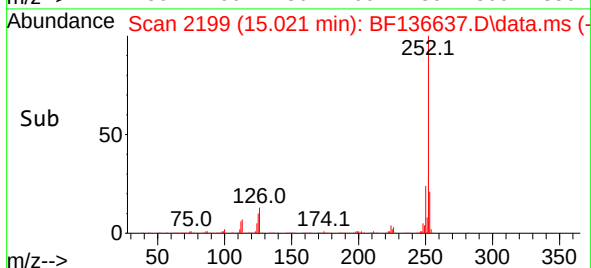
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

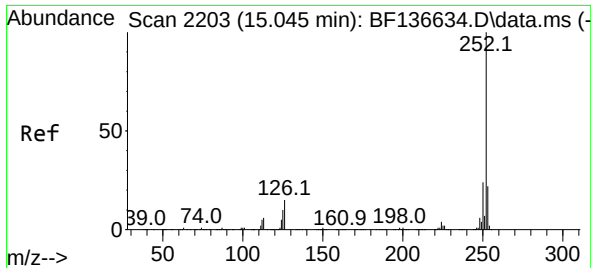


#88
Benzo(b)fluoranthene
Concen: 69.735 ng
RT: 15.021 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43



Tgt Ion:252 Resp: 662380
Ion Ratio Lower Upper
252 100
253 21.3 17.1 25.7
125 10.0 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 72.615 ng
RT: 15.057 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

Instrument :

BNA_F

ClientSampleId :

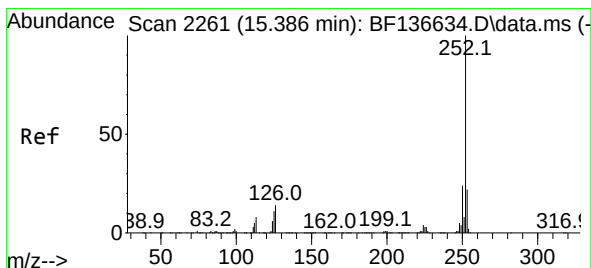
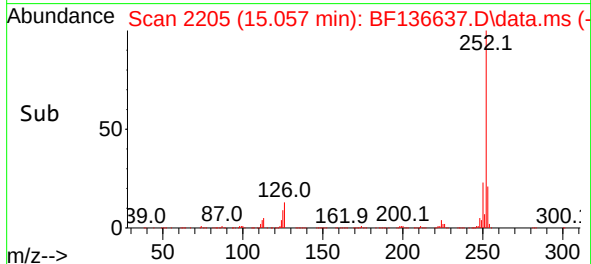
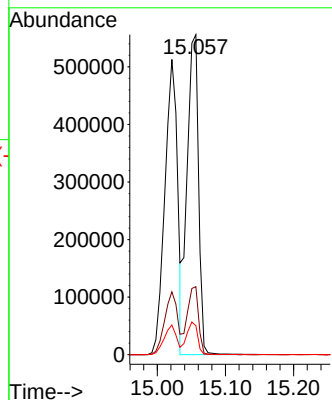
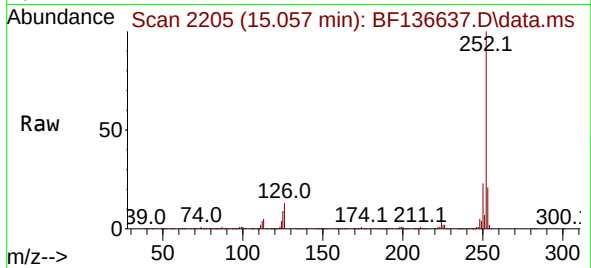
SSTDICC080

Tgt Ion:252 Resp: 645069
Ion Ratio Lower Upper
252 100
253 21.2 17.5 26.3
125 9.0 8.6 13.0

Manual Integrations

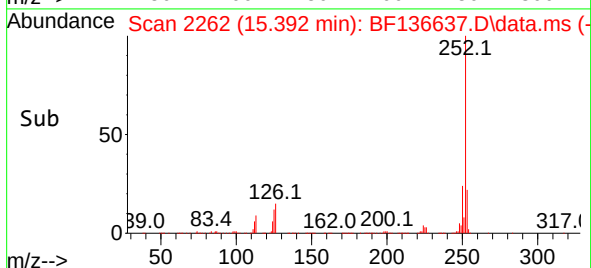
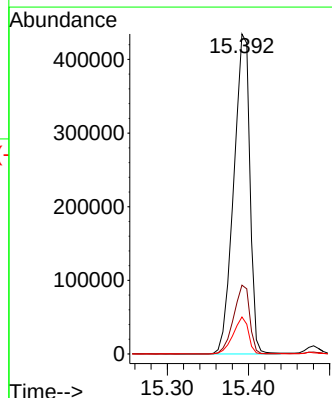
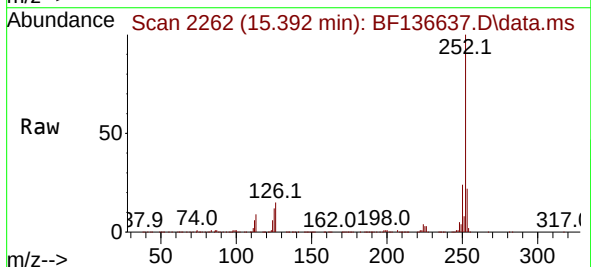
APPROVED

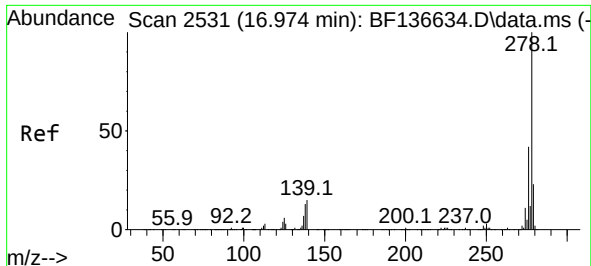
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#90
Benzo(a)pyrene
Concen: 74.506 ng
RT: 15.392 min Scan# 2262
Delta R.T. 0.006 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

Tgt Ion:252 Resp: 598070
Ion Ratio Lower Upper
252 100
253 21.5 17.6 26.4
125 11.5 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 81.507 ng
RT: 16.992 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

Instrument :

BNA_F

ClientSampleId :

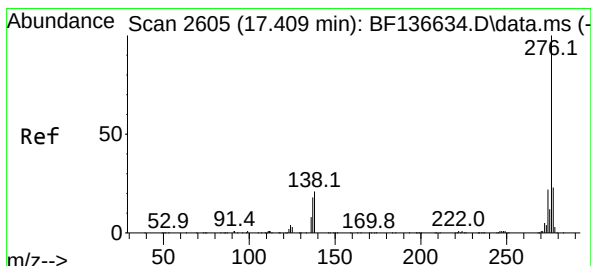
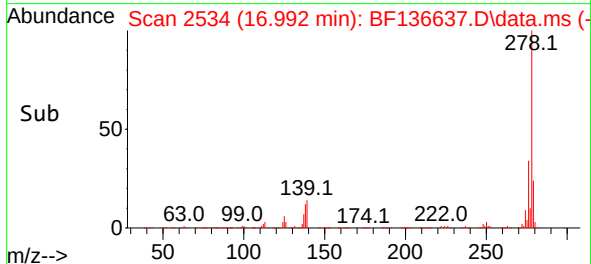
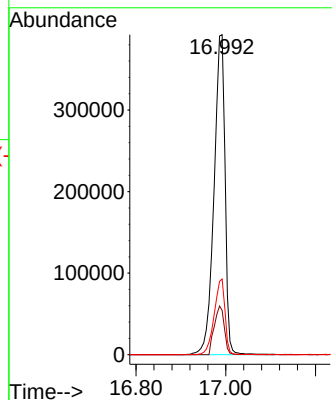
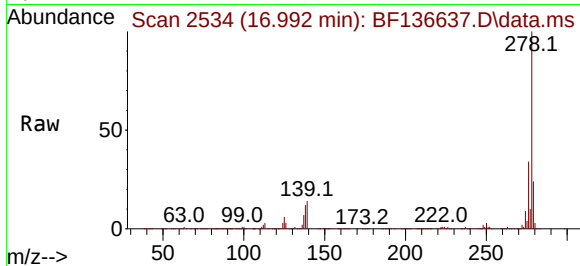
SSTDICC080

Tgt Ion:278 Resp: 672140
Ion Ratio Lower Upper
278 100
139 13.9 11.9 17.9
279 23.7 18.2 27.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#92
Benzo(g,h,i)perylene
Concen: 83.663 ng
RT: 17.427 min Scan# 2608
Delta R.T. 0.018 min
Lab File: BF136637.D
Acq: 19 Dec 2023 18:43

Tgt Ion:276 Resp: 709911
Ion Ratio Lower Upper
276 100
277 23.7 18.4 27.6
138 20.5 16.6 24.8

