

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136180.D
 Acq On : 24 Nov 2023 15:30
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

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

Quant Time: Nov 24 23:00:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 23:00:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	114341	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	489575	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	248248	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	475713	20.000	ng	0.00
76) Chrysene-d12	13.986	240	258364	20.000	ng	# 0.00
86) Perylene-d12	15.469	264	234011	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	693984	96.640	ng	0.00
7) Phenol-d6	6.446	99	850857	96.288	ng	0.00
23) Nitrobenzene-d5	7.375	82	802183	91.435	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	248019	95.392	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1711626	101.919	ng	0.00
79) Terphenyl-d14	12.933	244	1951132	107.197	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.558	88	128786	44.785	ng	# 90
3) Pyridine	3.322	79	358285	46.370	ng	92
4) n-Nitrosodimethylamine	3.281	42	183298	51.719	ng	83
6) Aniline	6.475	93	543613	48.538	ng	98
8) 2-Chlorophenol	6.599	128	366614	47.424	ng	96
9) Benzaldehyde	6.363	77	248561	48.654	ng	94
10) Phenol	6.457	94	475562	49.279	ng	97
11) bis(2-Chloroethyl)ether	6.552	93	343418	48.419	ng	95
12) 1,3-Dichlorobenzene	6.752	146	397914	48.797	ng	94
13) 1,4-Dichlorobenzene	6.828	146	402518	49.228	ng	93
14) 1,2-Dichlorobenzene	6.981	146	381589	49.650	ng	96
15) Benzyl Alcohol	6.951	79	335056	50.697	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.087	45	495374	53.462	ng	95
17) 2-Methylphenol	7.063	107	316327	49.043	ng	95
18) Hexachloroethane	7.322	117	140118	46.957	ng	93
19) n-Nitroso-di-n-propyla...	7.222	70	273196	53.558	ng	# 89
20) 3+4-Methylphenols	7.216	107	408629	50.765	ng	93
22) Acetophenone	7.222	105	556625	49.244	ng	97
24) Nitrobenzene	7.393	77	388209	45.468	ng	95
25) Isophorone	7.628	82	729934	48.211	ng	94
26) 2-Nitrophenol	7.704	139	135328	32.702	ng	94
27) 2,4-Dimethylphenol	7.740	122	298301	42.915	ng	89
28) bis(2-Chloroethoxy)met...	7.840	93	428611	46.941	ng	92
29) 2,4-Dichlorophenol	7.946	162	298548	44.050	ng	95
30) 1,2,4-Trichlorobenzene	8.028	180	345820	45.826	ng	95
31) Naphthalene	8.110	128	1160688	48.128	ng	96
32) Benzoic acid	7.857	122	167004m	34.130	ng	
33) 4-Chloroaniline	8.163	127	455091	45.496	ng	96
34) Hexachlorobutadiene	8.228	225	200810	43.774	ng	96
35) Caprolactam	8.534	113	85536	43.588	ng	# 75
36) 4-Chloro-3-methylphenol	8.640	107	333727	46.899	ng	97
37) 2-Methylnaphthalene	8.804	142	759637	46.979	ng	90
38) 1-Methylnaphthalene	8.898	142	696645	46.436	ng	88
40) 1,2,4,5-Tetrachloroben...	8.969	216	344731	46.335	ng	98
41) Hexachlorocyclopentadiene	8.951	237	169800	44.258	ng	95
43) 2,4,6-Trichlorophenol	9.081	196	208522	44.760	ng	95

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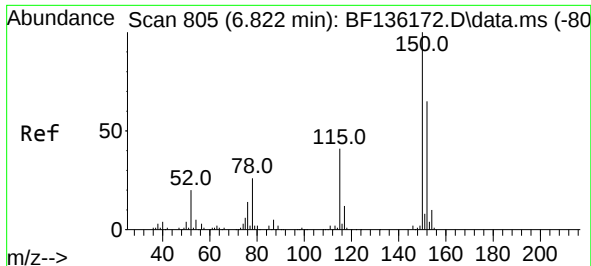
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	245490	45.742	ng	94
46) 1,1'-Biphenyl	9.269	154	948769	48.706	ng	94
47) 2-Chloronaphthalene	9.293	162	695637	48.857	ng	94
48) 2-Nitroaniline	9.387	65	198544	45.735	ng	83
49) Acenaphthylene	9.710	152	1095055	49.825	ng	96
50) Dimethylphthalate	9.575	163	837906	49.956	ng	97
51) 2,6-Dinitrotoluene	9.634	165	154625	42.484	ng	91
52) Acenaphthene	9.881	154	667238	45.581	ng	89
53) 3-Nitroaniline	9.804	138	172838	44.539	ng	98
54) 2,4-Dinitrophenol	9.904	184	56146	35.597	ng	96
55) Dibenzofuran	10.051	168	1015492	49.895	ng	97
56) 4-Nitrophenol	9.957	139	121828	47.244	ng	95
57) 2,4-Dinitrotoluene	10.040	165	213295	46.142	ng	95
58) Fluorene	10.398	166	796510	51.564	ng	92
59) 2,3,4,6-Tetrachlorophenol	10.169	232	183988	45.233	ng	93
60) Diethylphthalate	10.275	149	824587	49.004	ng	96
61) 4-Chlorophenyl-phenyle...	10.392	204	379594	48.341	ng	96
62) 4-Nitroaniline	10.416	138	173493	49.056	ng	85
63) Azobenzene	10.551	77	791955	53.791	ng	91
65) 4,6-Dinitro-2-methylph...	10.445	198	88400	33.827	ng	98
66) n-Nitrosodiphenylamine	10.510	169	682620	45.230	ng	93
67) 4-Bromophenyl-phenylether	10.887	248	235476	44.445	ng	90
68) Hexachlorobenzene	10.945	284	248170	44.120	ng	92
69) Atrazine	11.039	200	153702	40.200	ng	91
70) Pentachlorophenol	11.139	266	138544	44.039	ng	96
71) Phenanthrene	11.363	178	1213777	49.826	ng	96
72) Anthracene	11.416	178	1223362	49.198	ng	96
73) Carbazole	11.569	167	1007081	50.542	ng	98
74) Di-n-butylphthalate	11.910	149	1269444	53.854	ng	# 96
75) Fluoranthene	12.557	202	1201983	54.030	ng	96
77) Benzidine	12.681	184	149959	33.520	ng	96
78) Pyrene	12.786	202	1195960	49.502	ng	95
80) Butylbenzylphthalate	13.416	149	398853	51.809	ng	99
81) Benzo(a)anthracene	13.980	228	836746	48.827	ng	98
82) 3,3'-Dichlorobenzidine	13.945	252	238371	43.329	ng	95
83) Chrysene	14.016	228	800237	47.731	ng	96
84) Bis(2-ethylhexyl)phtha...	13.980	149	512820	55.189	ng	95
85) Di-n-octyl phthalate	14.598	149	712219	45.780	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	763768	44.545	ng	98
88) Benzo(b)fluoranthene	15.033	252	648753	50.214	ng	96
89) Benzo(k)fluoranthene	15.063	252	619466	47.613	ng	97
90) Benzo(a)pyrene	15.410	252	608047	47.716	ng	96
91) Dibenzo(a,h)anthracene	17.004	278	616457	43.382	ng	98
92) Benzo(g,h,i)perylene	17.439	276	615699	42.737	ng	97

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.810 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF136180.D
 Acq: 24 Nov 2023 15:30

Instrument :

BNA_F

ClientSampleId :

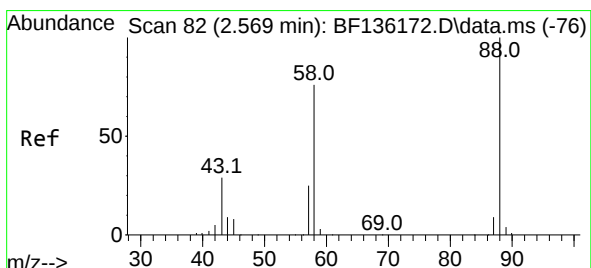
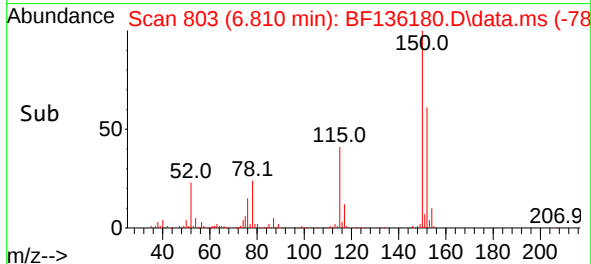
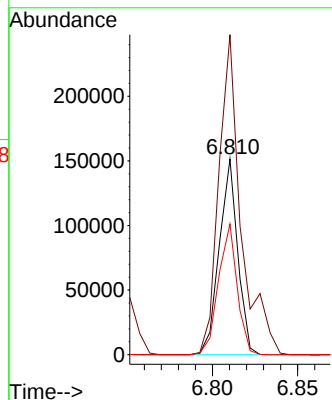
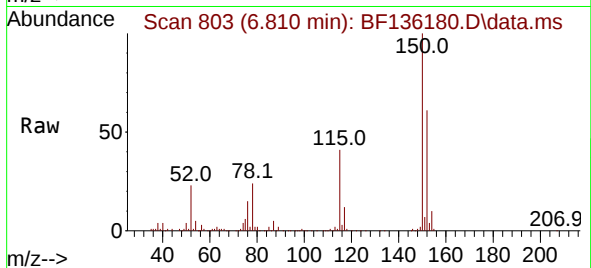
SSTDCCC040

Tgt Ion:152 Resp: 11434
 Ion Ratio Lower Upper
 152 100
 150 163.5 123.1 184.7
 115 66.8 50.5 75.7

Manual Integrations

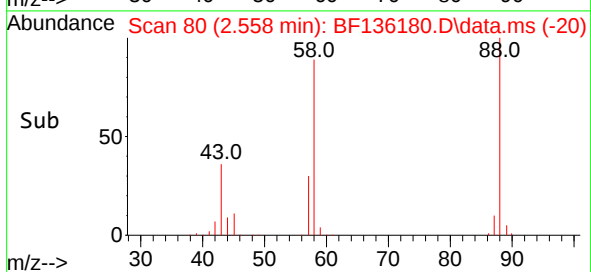
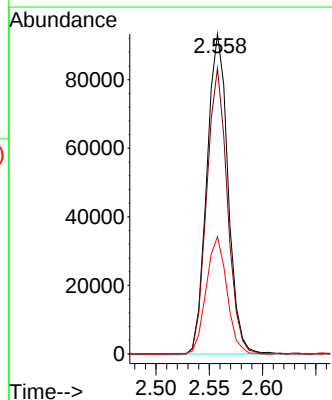
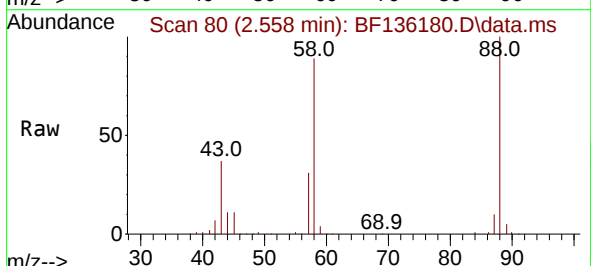
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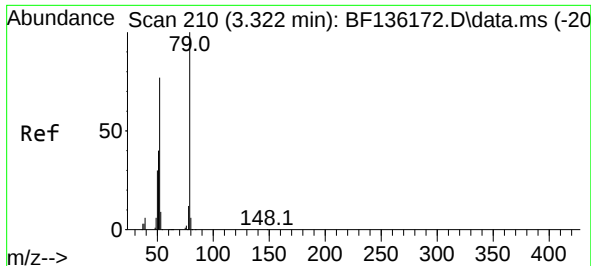
Reviewed By :Yogesh Patel 11/25/2023
 Supervised By :mohammad ahmed 11/27/2023



#2
 1,4-Dioxane
 Concen: 44.785 ng
 RT: 2.558 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF136180.D
 Acq: 24 Nov 2023 15:30

Tgt Ion: 88 Resp: 128786
 Ion Ratio Lower Upper
 88 100
 58 87.2 62.8 94.2
 43 36.0 23.9 35.9#





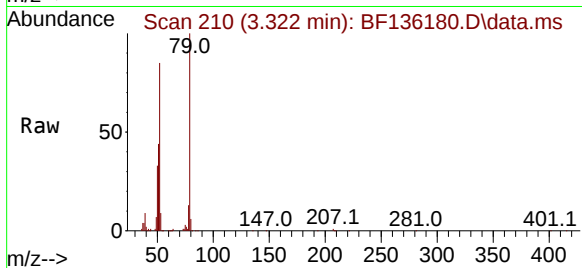
#3
Pyridine
Concen: 46.370 ng
RT: 3.322 min Scan# 210
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



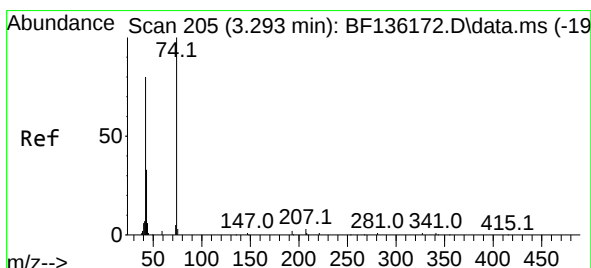
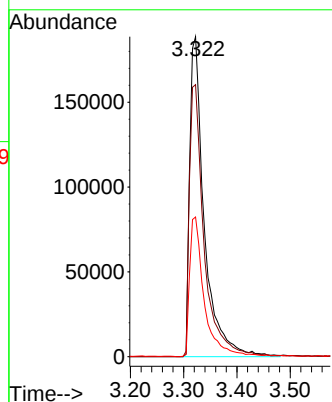
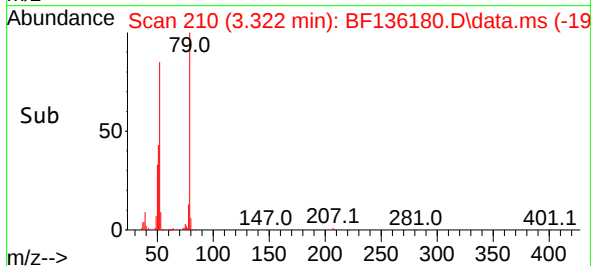
Tgt Ion: 79 Resp: 358285
Ion Ratio Lower Upper
79 100
52 85.0 61.8 92.6
51 43.7 31.6 47.4

Manual Integrations

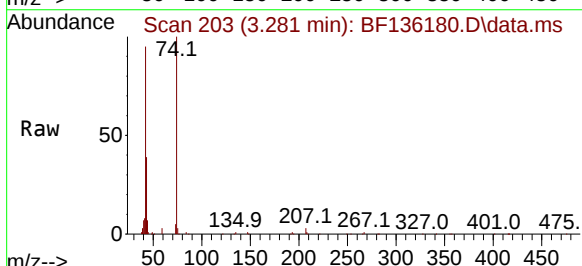
APPROVED

Reviewed By :Yogesh Patel 11/25/2023

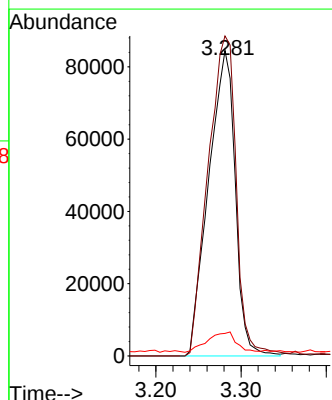
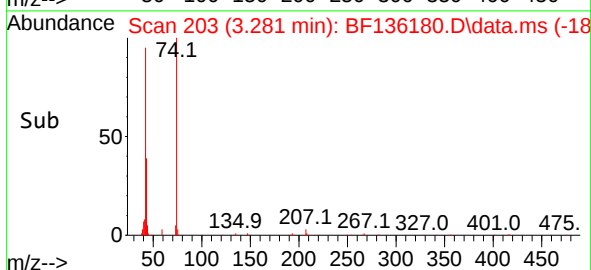
Supervised By :mohammad ahmed 11/27/2023

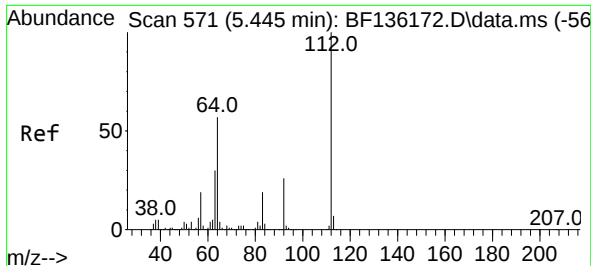


#4
n-Nitrosodimethylamine
Concen: 51.719 ng
RT: 3.281 min Scan# 203
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30



Tgt Ion: 42 Resp: 183298
Ion Ratio Lower Upper
42 100
74 104.8 100.2 150.2
44 7.4 5.6 8.4





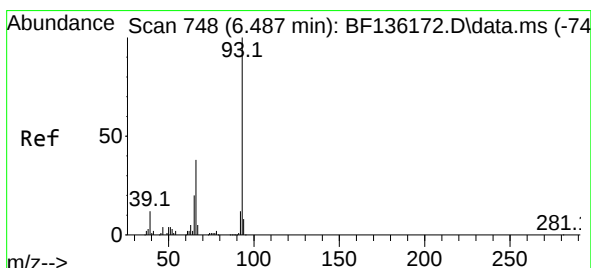
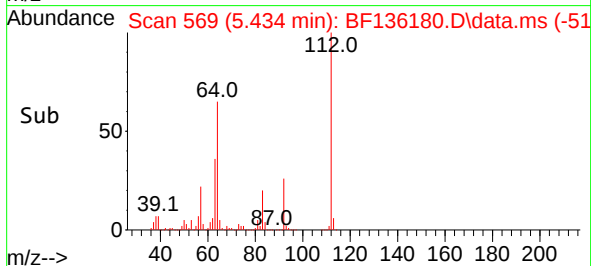
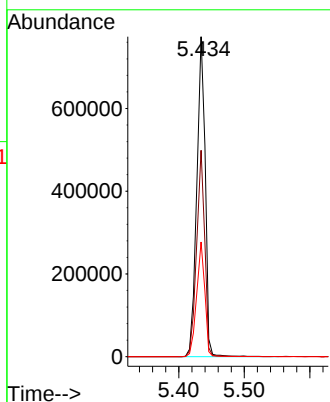
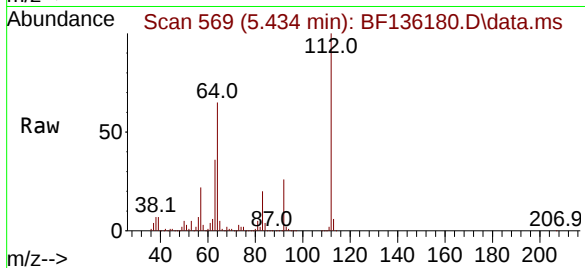
#5
2-Fluorophenol
Concen: 96.640 ng
RT: 5.434 min Scan# 501
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 693984
Ion Ratio Lower Upper
112 100
64 64.5 45.4 68.0
63 35.9 24.4 36.6

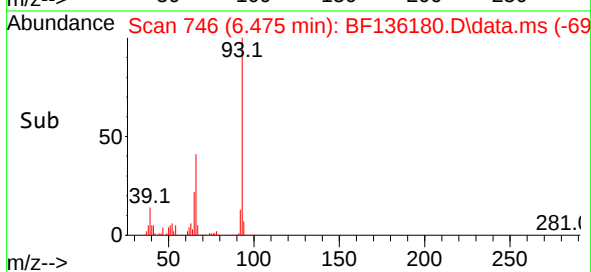
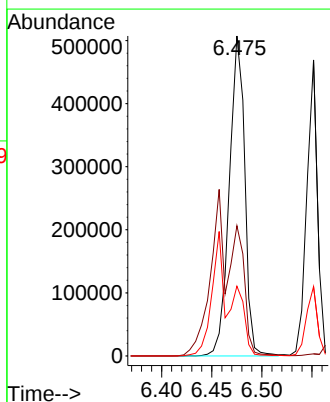
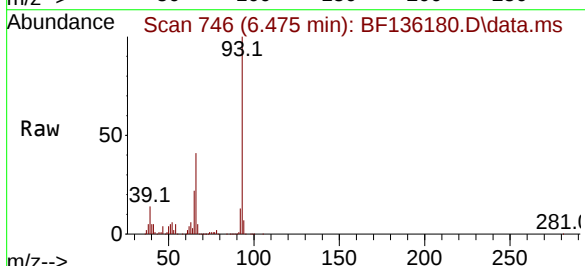
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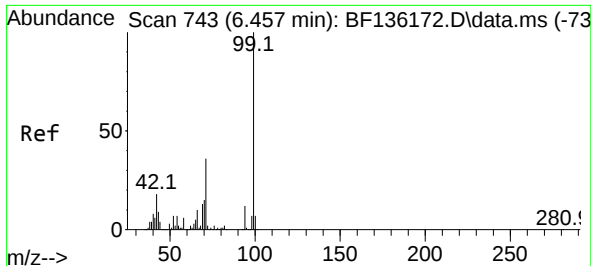
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023



#6
Aniline
Concen: 48.538 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

Tgt Ion: 93 Resp: 543613
Ion Ratio Lower Upper
93 100
66 40.7 31.7 47.5
65 21.8 16.1 24.1





#7

Phenol-d6

Concen: 96.288 ng

RT: 6.446 min Scan# 741

Delta R.T. 0.000 min

Lab File: BF136180.D

Acq: 24 Nov 2023 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

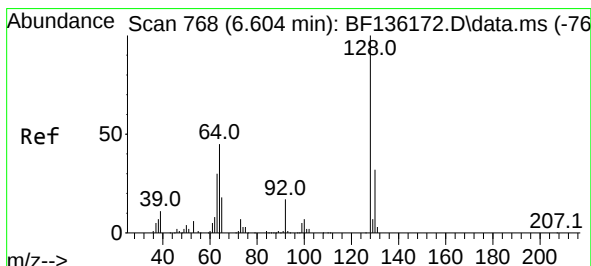
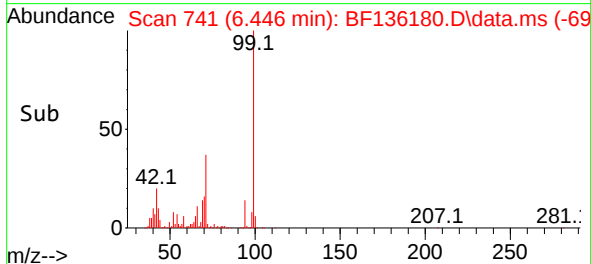
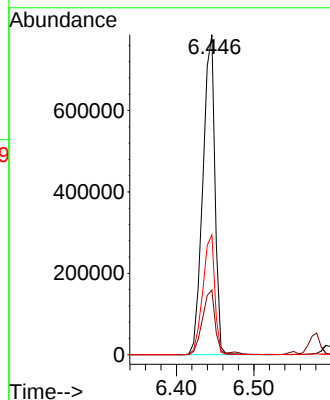
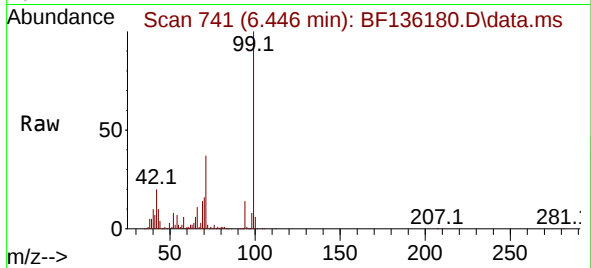
Tgt Ion: 99 Resp: 85085
 Ion Ratio Lower Upper
 99 100
 42 20.2 14.1 21.1
 71 37.4 29.0 43.4

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#8

2-Chlorophenol

Concen: 47.424 ng

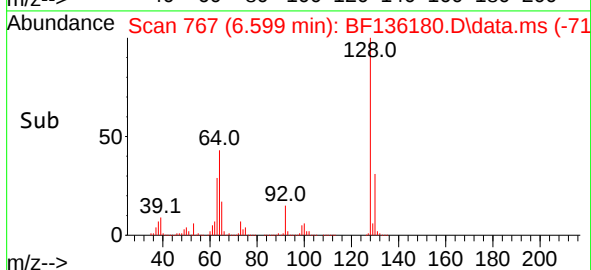
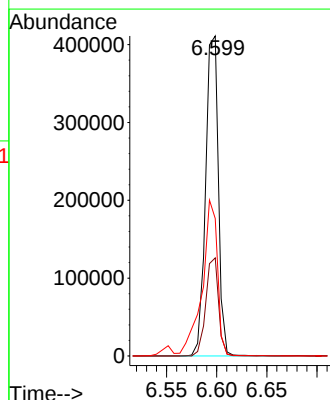
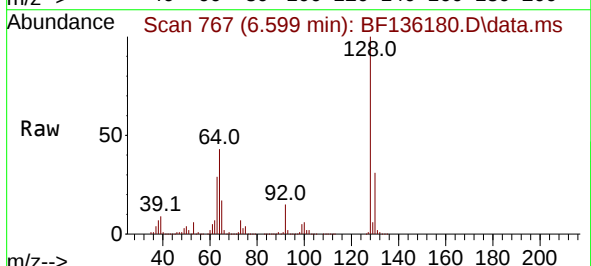
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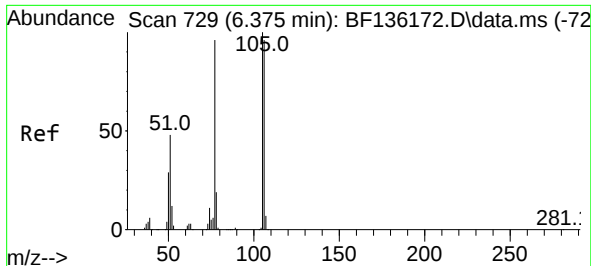
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Lab File: BF136180.D

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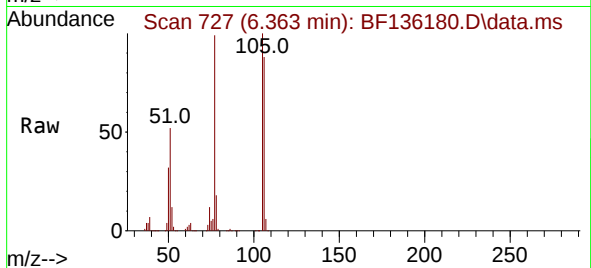
Tgt Ion:128 Resp: 366614
 Ion Ratio Lower Upper
 128 100
 130 30.7 12.2 52.2
 64 42.9 26.5 66.5





#9
Benzaldehyde
Concen: 48.654 ng
RT: 6.363 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

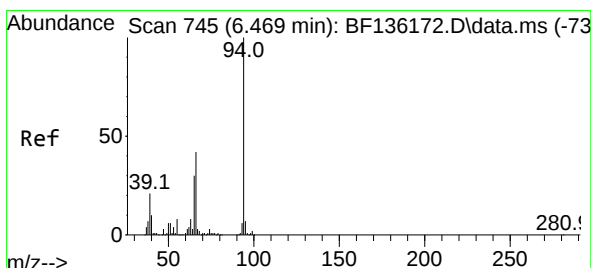
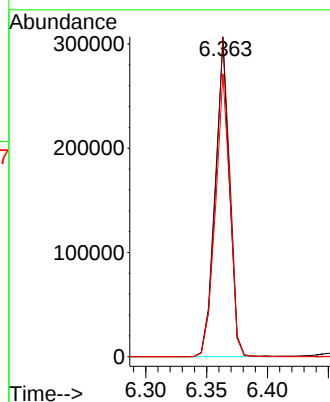
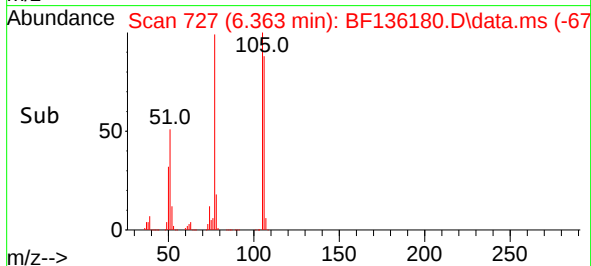
Instrument :
BNA_F
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SSTDCCC040



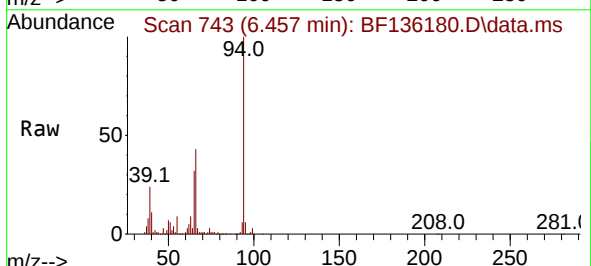
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Ion Ratio Lower Upper
77 100
105 101.1 83.8 123.8
106 89.4 79.8 119.8

Manual Integrations
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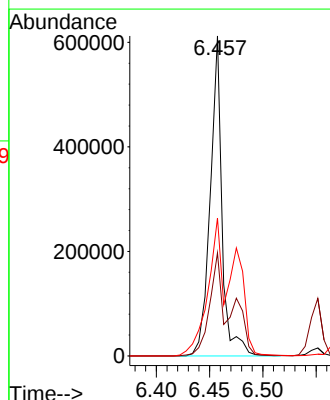
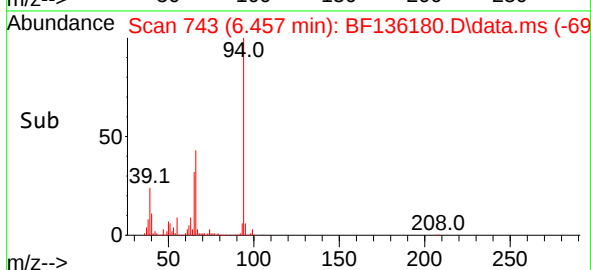
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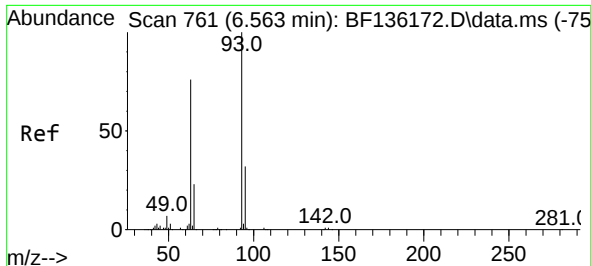


#10
Phenol
Concen: 49.279 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30



Tgt Ion: 94 Resp: 475562
Ion Ratio Lower Upper
94 100
65 32.2 9.7 49.7
66 43.1 22.5 62.5





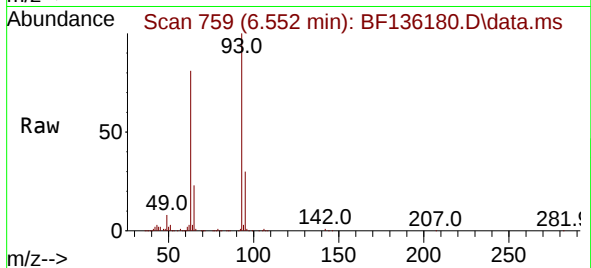
#11
bis(2-Chloroethyl)ether
Concen: 48.419 ng
RT: 6.552 min Scan# 701
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

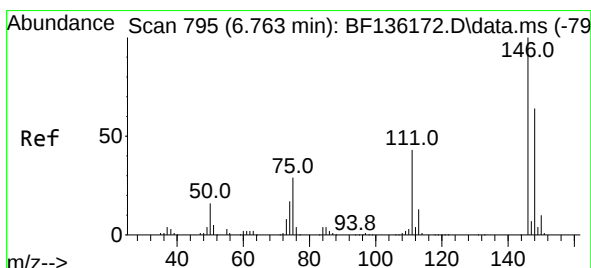
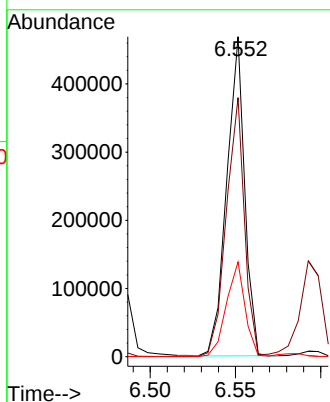
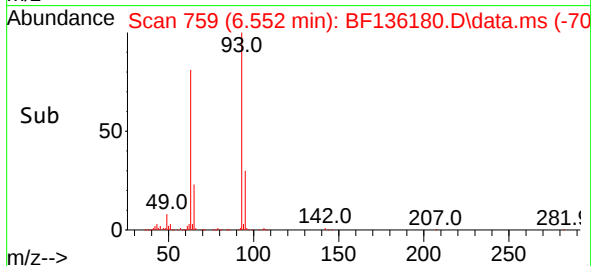


Tgt Ion: 93 Resp: 343418
Ion Ratio Lower Upper
93 100
63 81.0 56.3 96.3
95 29.6 12.1 52.1

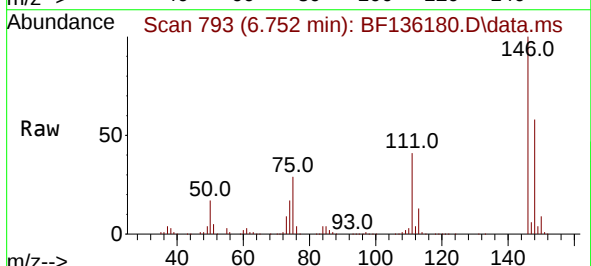
Manual Integrations

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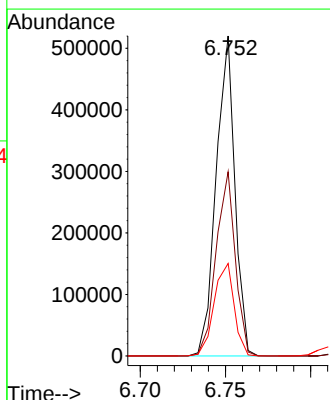
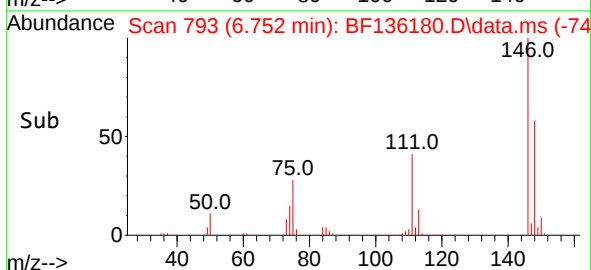
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023

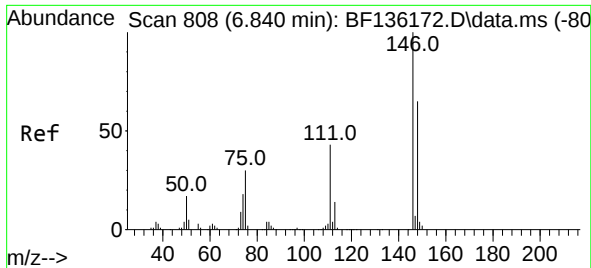


#12
1,3-Dichlorobenzene
Concen: 48.797 ng
RT: 6.752 min Scan# 793
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30



Tgt Ion:146 Resp: 397914
Ion Ratio Lower Upper
146 100
148 57.6 51.2 76.8
75 28.9 23.4 35.2





#13

1,4-Dichlorobenzene

Concen: 49.228 ng

RT: 6.828 min Scan# 808

Delta R.T. 0.000 min

Lab File: BF136180.D

Acq: 24 Nov 2023 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 402518

Ion Ratio Lower Upper

146 100

148 57.4 51.8 77.8

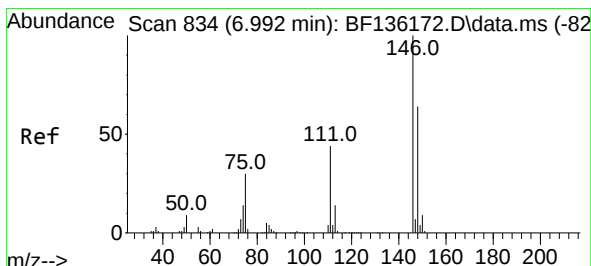
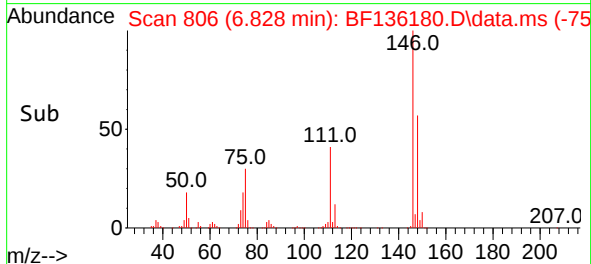
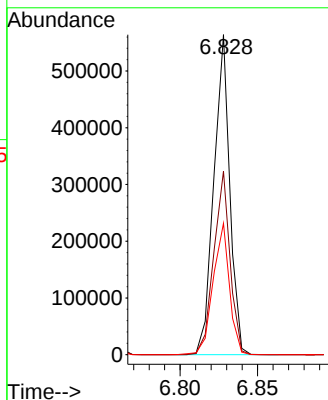
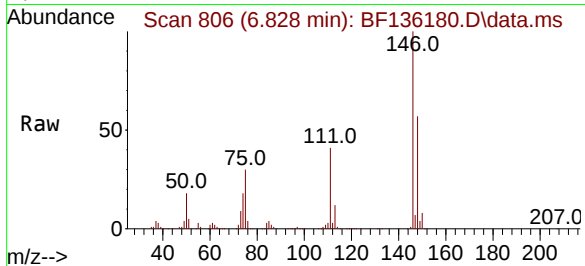
111 41.0 34.3 51.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/25/2023

Supervised By :mohammad ahmed 11/27/2023



#14

1,2-Dichlorobenzene

Concen: 49.650 ng

RT: 6.981 min Scan# 832

Delta R.T. 0.000 min

Lab File: BF136180.D

Acq: 24 Nov 2023 15:30

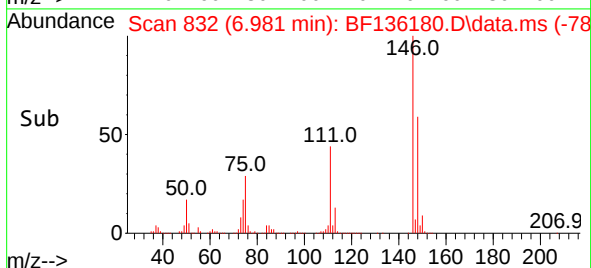
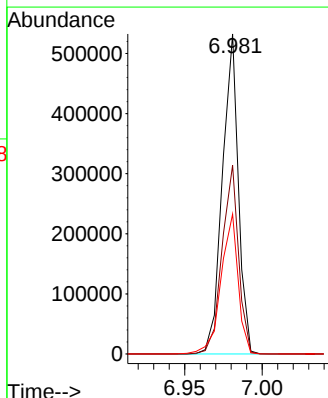
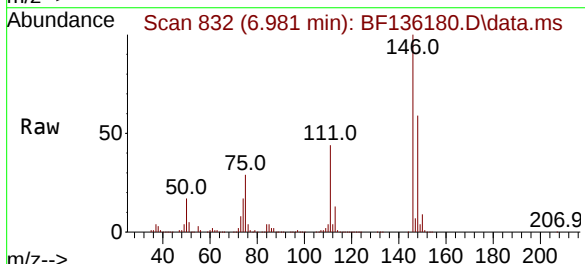
Tgt Ion:146 Resp: 381589

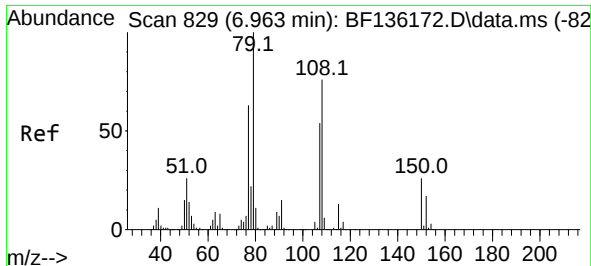
Ion Ratio Lower Upper

146 100

148 59.0 51.4 77.2

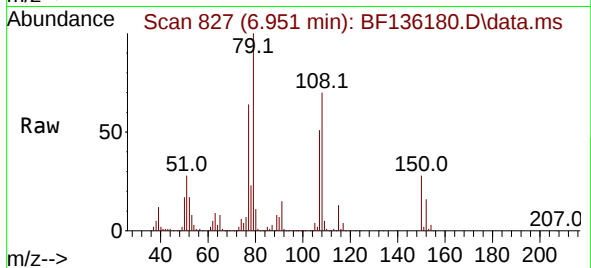
111 43.7 35.0 52.4





#15
Benzyl Alcohol
Concen: 50.697 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

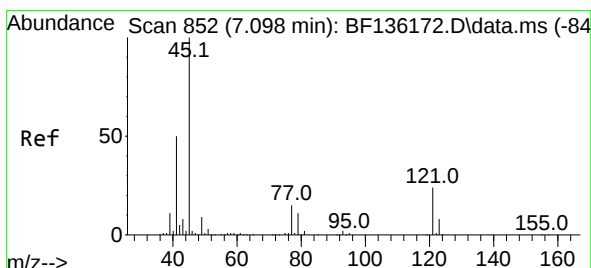
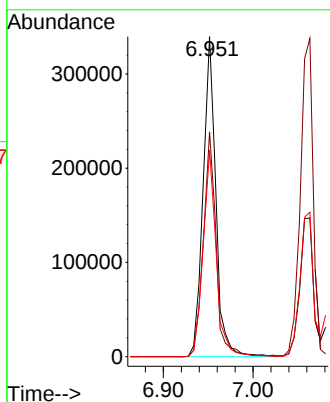
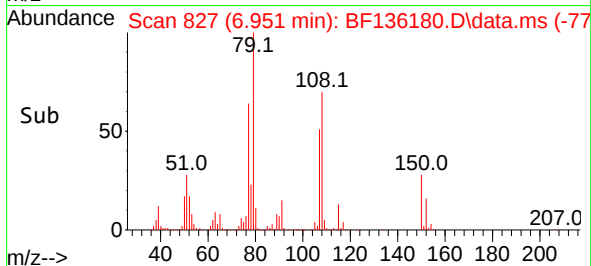
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



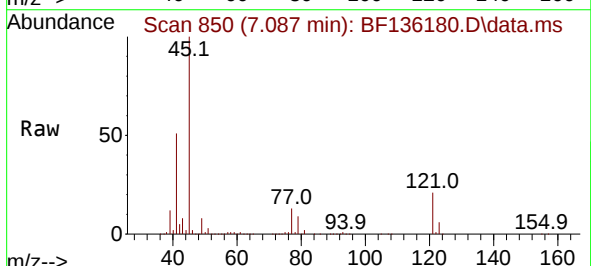
Tgt Ion: 79 Resp: 335050
Ion Ratio Lower Upper
79 100
108 70.3 60.6 90.8
77 64.5 50.3 75.5

Manual Integrations
APPROVED

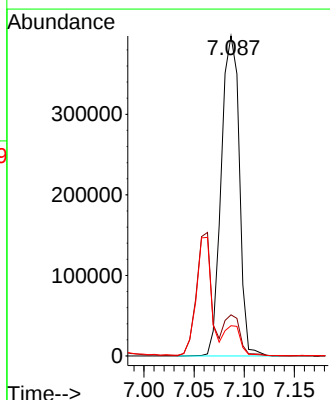
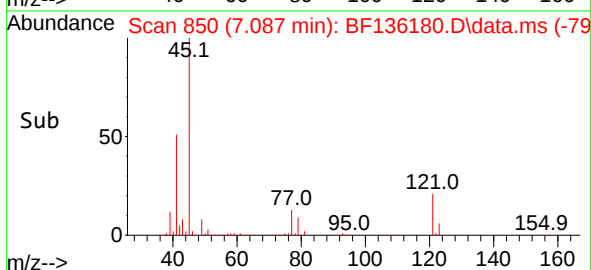
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023

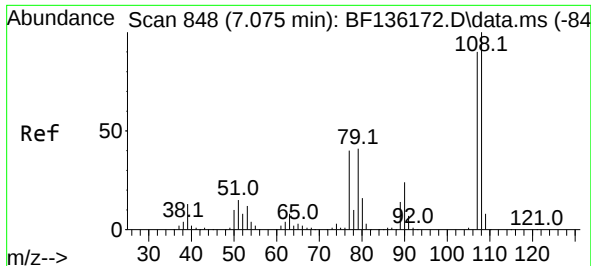


#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.462 ng
RT: 7.087 min Scan# 850
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30



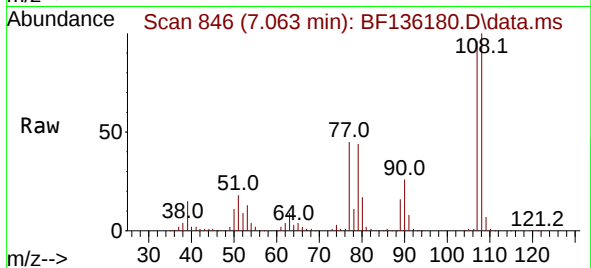
Tgt Ion: 45 Resp: 495374
Ion Ratio Lower Upper
45 100
77 12.9 0.0 35.2
79 9.5 0.0 31.2





#17
2-Methylphenol
Concen: 49.043 ng
RT: 7.063 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

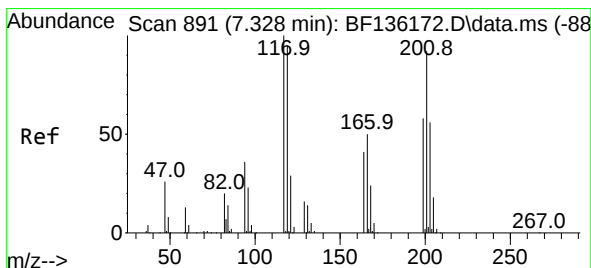
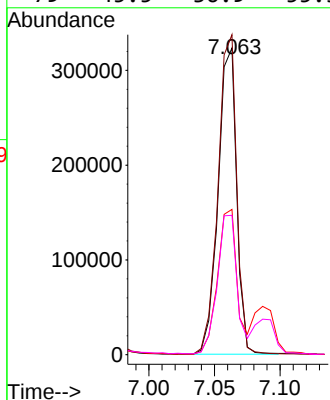
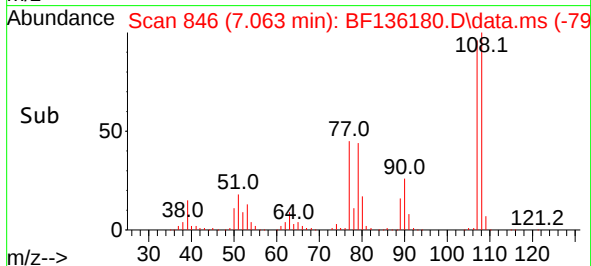
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:107 Resp: 31632
Ion Ratio Lower Upper
107 100
108 104.3 89.4 134.2
77 47.4 35.9 53.9
79 45.5 36.9 55.3

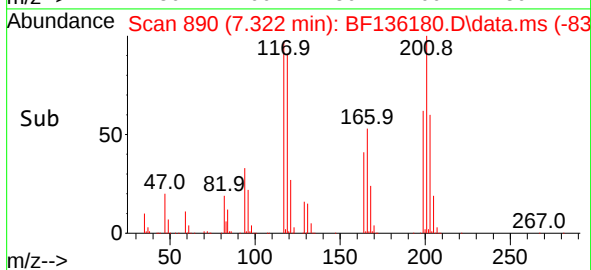
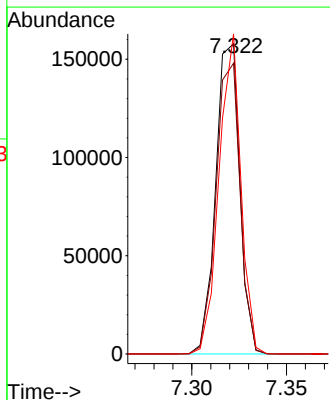
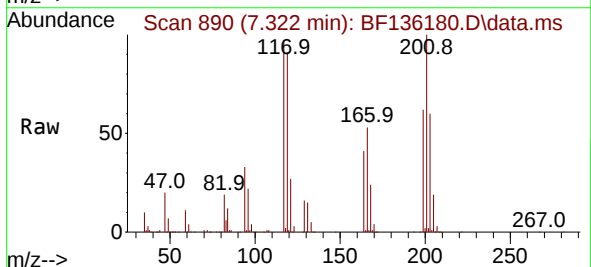
Manual Integrations
APPROVED

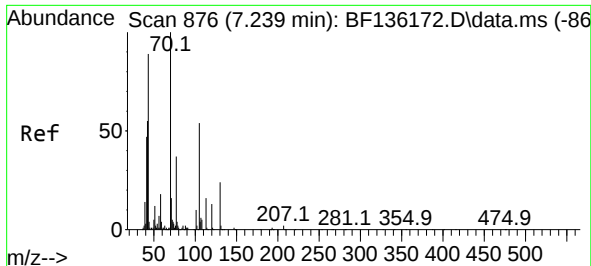
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023



#18
Hexachloroethane
Concen: 46.957 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

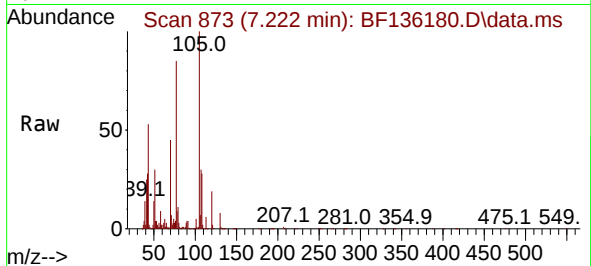
Tgt Ion:117 Resp: 140118
Ion Ratio Lower Upper
117 100
119 93.7 76.2 114.4
201 103.2 73.7 110.5





#19
n-Nitroso-di-n-propylamine
Concen: 53.558 ng
RT: 7.222 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

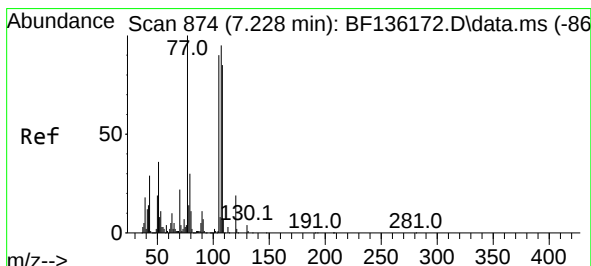
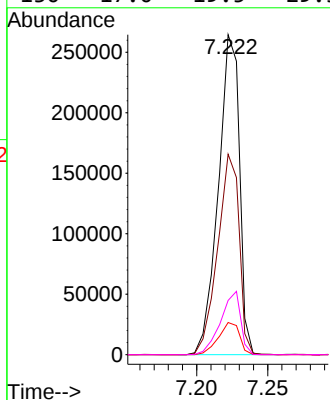
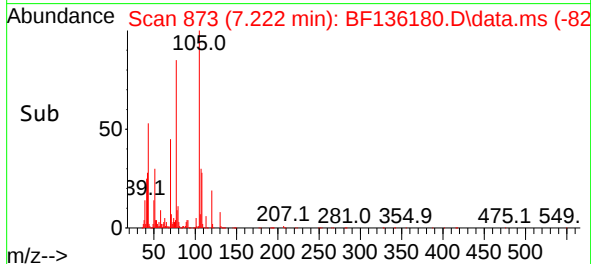
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



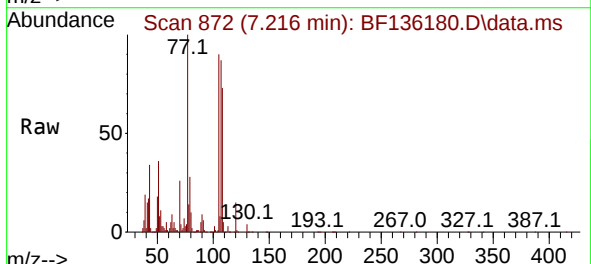
Tgt Ion: 70 Resp: 273190
Ion Ratio Lower Upper
70 100
42 62.7 43.9 65.9
101 10.0 8.1 12.1
130 17.0 19.5 29.3#

Manual Integrations
APPROVED

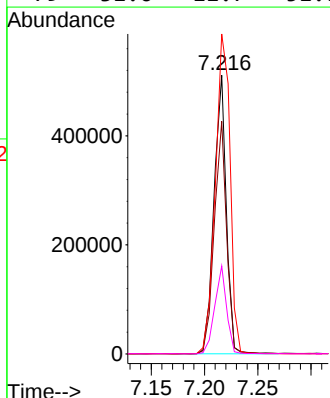
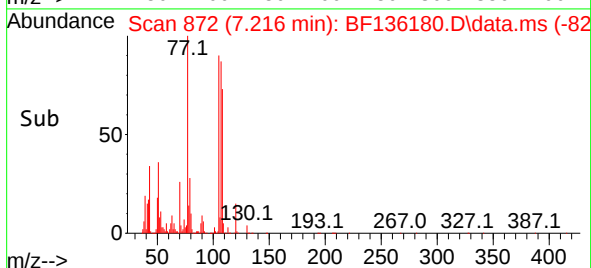
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023

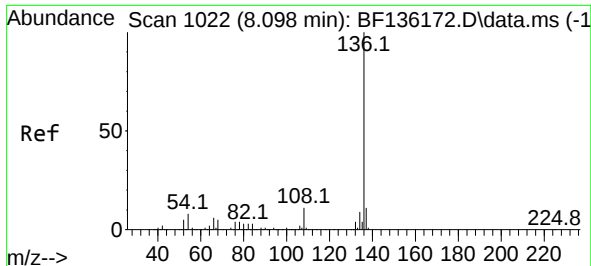


#20
3+4-Methylphenols
Concen: 50.765 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30



Tgt Ion:107 Resp: 408629
Ion Ratio Lower Upper
107 100
108 83.5 70.1 110.1
77 114.8 85.7 125.7
79 31.6 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

Instrument :

BNA_F

ClientSampleId :

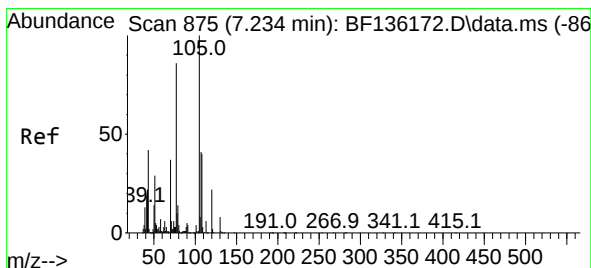
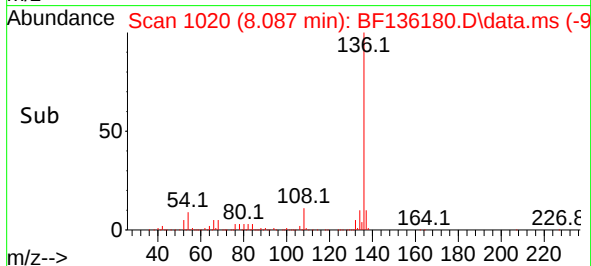
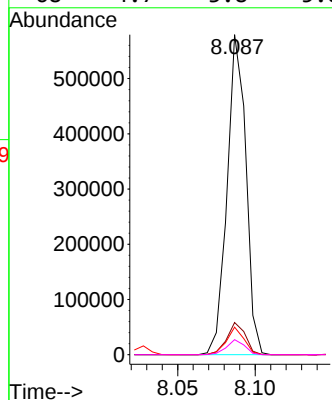
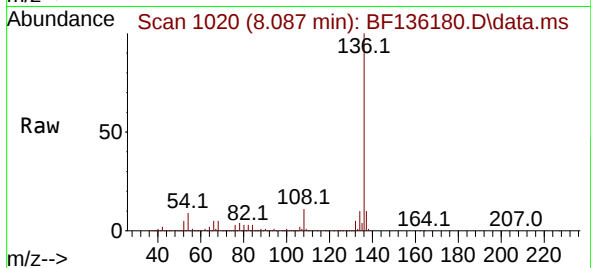
SSTDCCC040

Tgt Ion:136 Resp: 489579
Ion Ratio Lower Upper
136 100
137 10.1 8.6 13.0
54 8.6 6.3 9.5
68 4.7 3.8 5.8

Manual Integrations

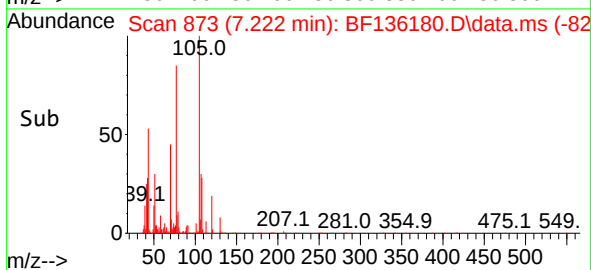
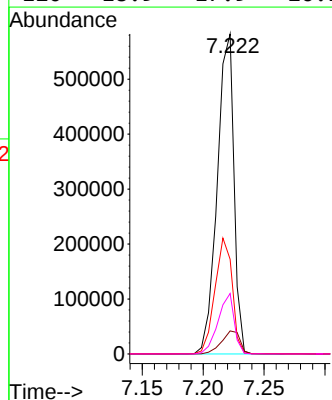
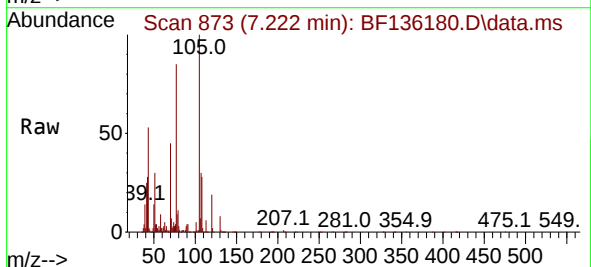
APPROVED

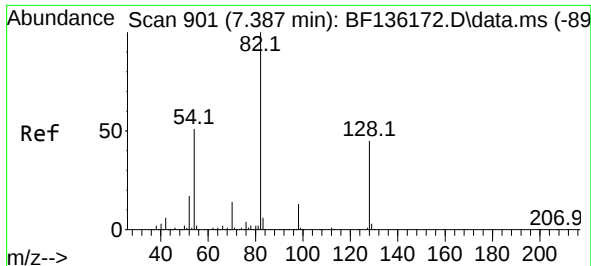
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023



#22
Acetophenone
Concen: 49.244 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

Tgt Ion:105 Resp: 556625
Ion Ratio Lower Upper
105 100
71 7.2 5.0 7.4
51 29.6 23.5 35.3
120 18.9 17.9 26.9





#23
Nitrobenzene-d5
Concen: 91.435 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

Instrument :

BNA_F

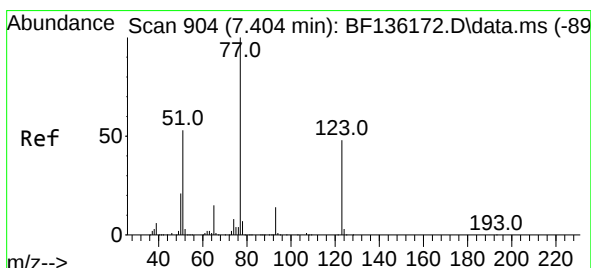
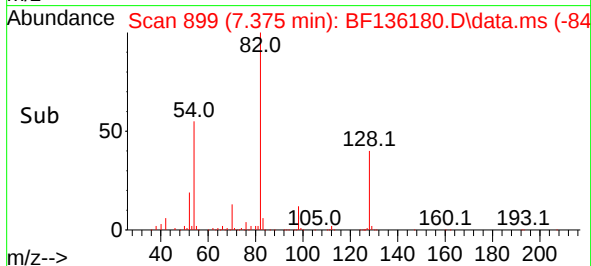
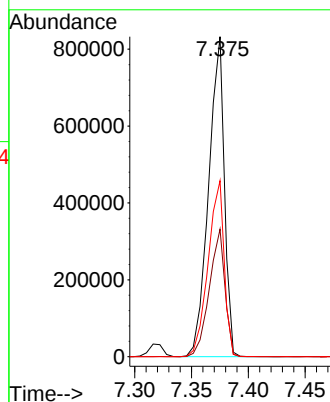
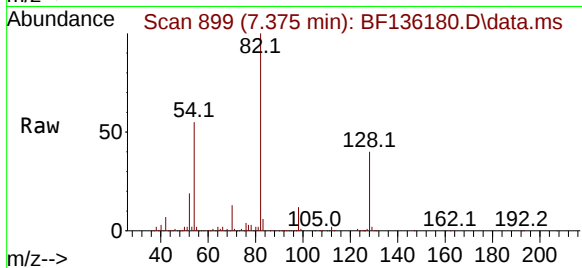
ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 80218
Ion Ratio Lower Upper
82 100
128 39.9 35.8 53.6
54 55.0 40.6 60.8

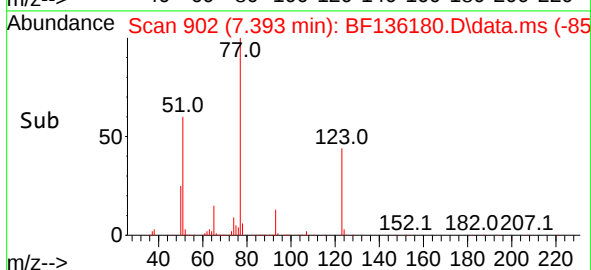
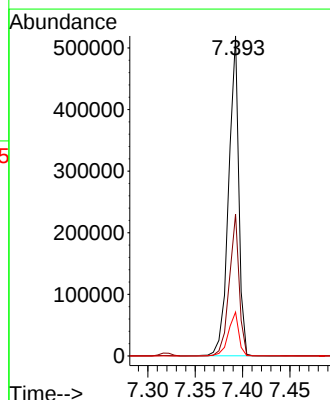
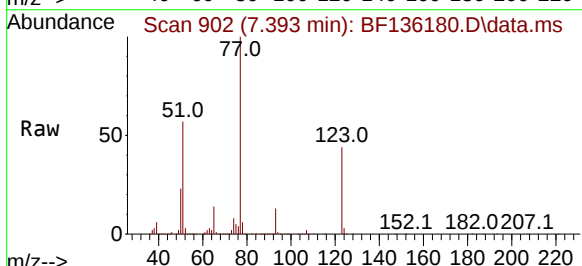
Manual Integrations
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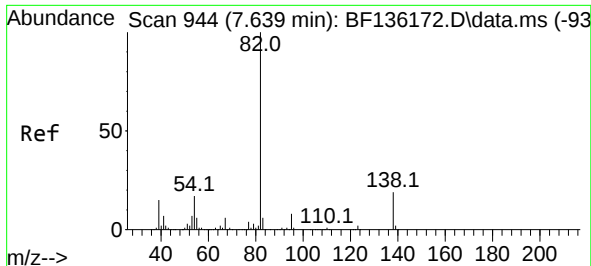
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023



#24
Nitrobenzene
Concen: 45.468 ng
RT: 7.393 min Scan# 902
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

Tgt Ion: 77 Resp: 388209
Ion Ratio Lower Upper
77 100
123 44.4 38.8 58.2
65 13.7 11.7 17.5





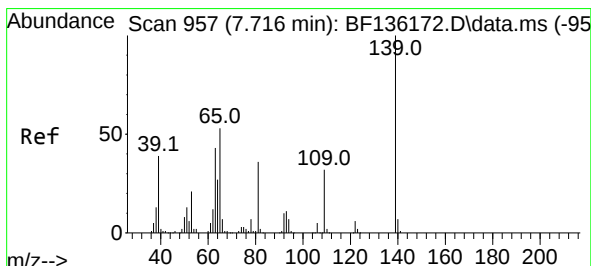
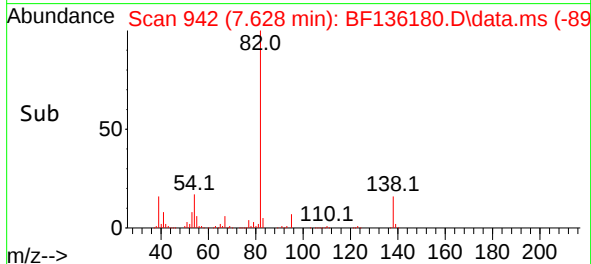
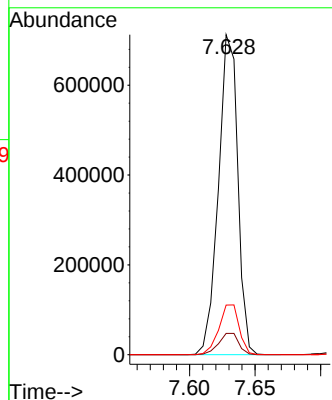
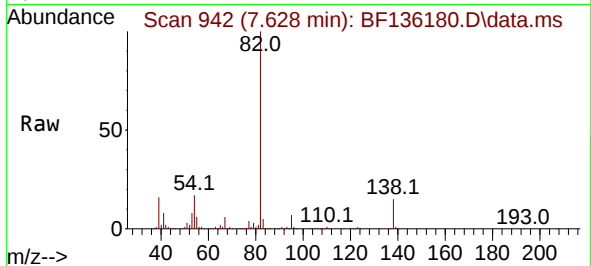
#25
Isophorone
Concen: 48.211 ng
RT: 7.628 min Scan# 944
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 729934
Ion Ratio Lower Upper
82 100
95 6.7 6.2 9.4
138 15.5 14.8 22.2

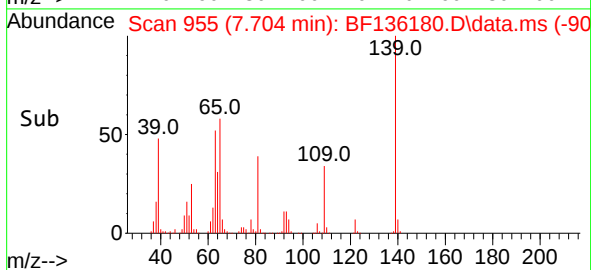
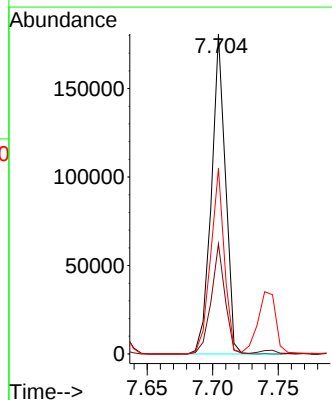
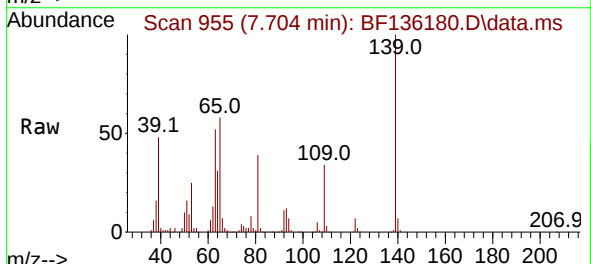
Manual Integrations
APPROVED

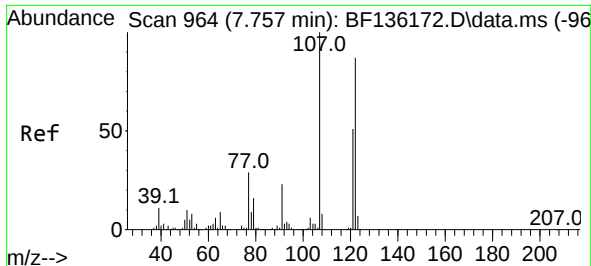
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023



#26
2-Nitrophenol
Concen: 32.702 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

Tgt Ion:139 Resp: 135328
Ion Ratio Lower Upper
139 100
109 34.4 25.8 38.8
65 58.1 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 42.915 ng

RT: 7.740 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF136180.D

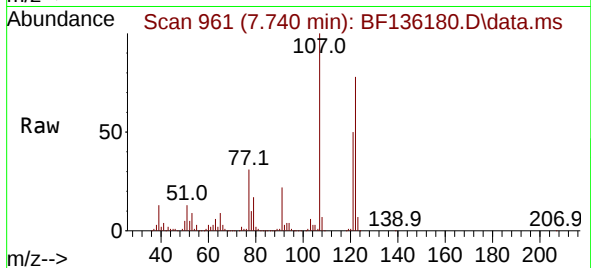
Acq: 24 Nov 2023 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



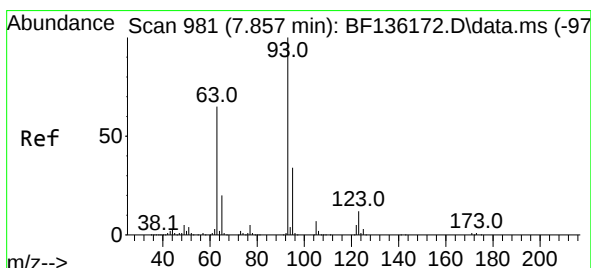
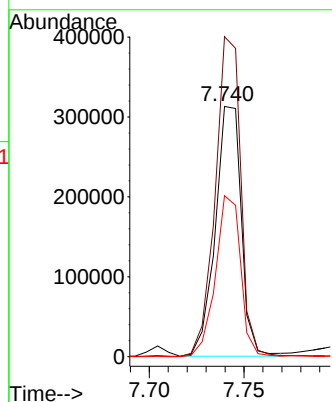
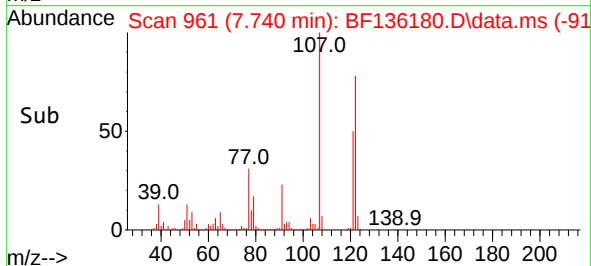
Tgt Ion:	122	Resp:	29830
Ion Ratio	Lower	Upper	
122	100		
107	127.9	91.8	137.8
121	64.3	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/25/2023

Supervised By :mohammad ahmed 11/27/2023



#28

bis(2-Chloroethoxy)methane

Concen: 46.941 ng

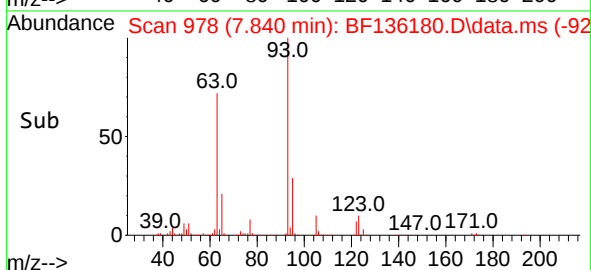
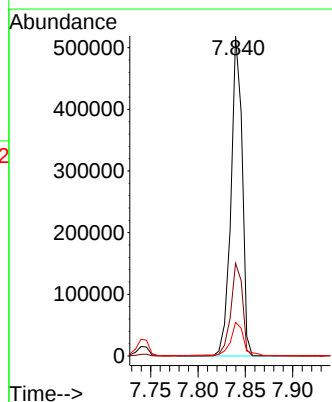
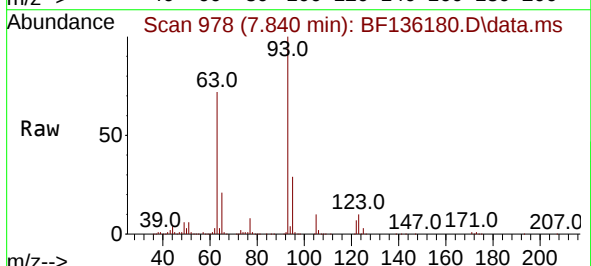
RT: 7.840 min Scan# 978

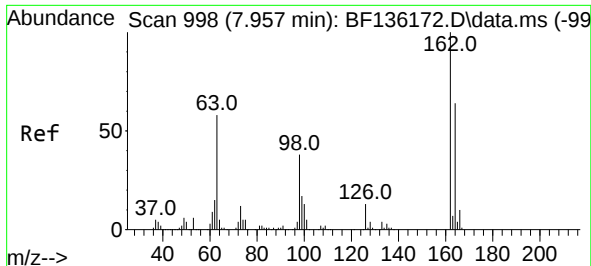
Delta R.T. 0.000 min

Lab File: BF136180.D

Acq: 24 Nov 2023 15:30

Tgt Ion:	93	Resp:	428611
Ion Ratio	Lower	Upper	
93	100		
95	29.0	27.2	40.8
123	10.5	10.2	15.4





#29

2,4-Dichlorophenol

Concen: 44.050 ng

RT: 7.946 min Scan# 99

Delta R.T. 0.000 min

Lab File: BF136180.D

Acq: 24 Nov 2023 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 29854

Ion Ratio Lower Upper

162 100

164 59.0 43.7 83.7

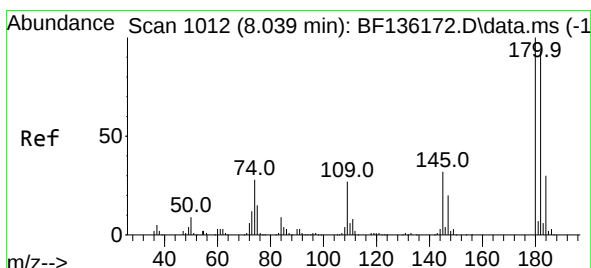
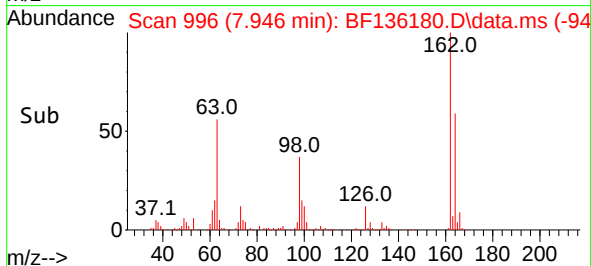
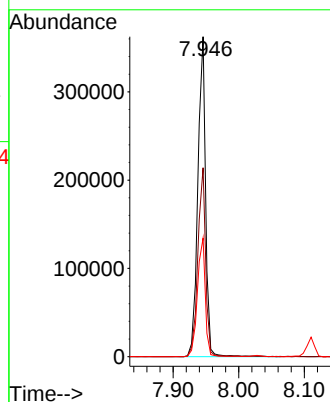
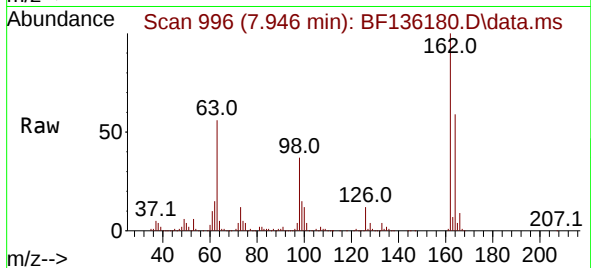
98 37.0 18.4 58.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/25/2023

Supervised By :mohammad ahmed 11/27/2023



#30

1,2,4-Trichlorobenzene

Concen: 45.826 ng

RT: 8.028 min Scan# 1010

Delta R.T. 0.000 min

Lab File: BF136180.D

Acq: 24 Nov 2023 15:30

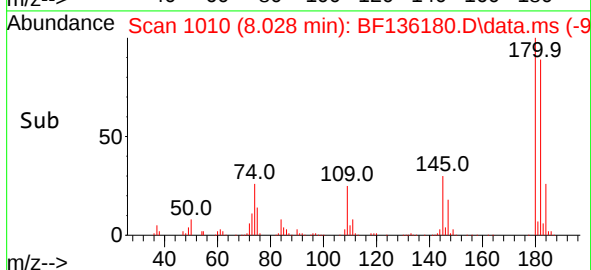
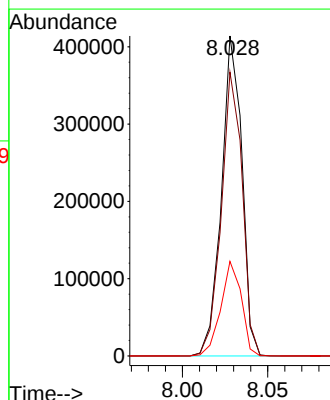
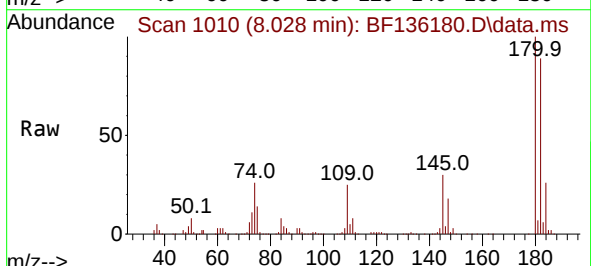
Tgt Ion:180 Resp: 345820

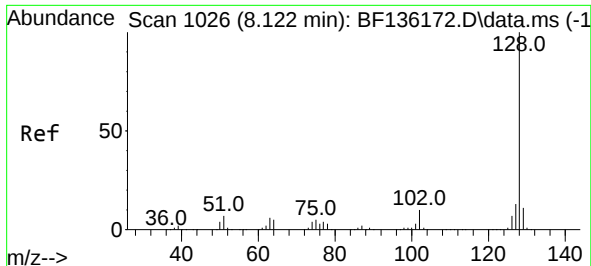
Ion Ratio Lower Upper

180 100

182 88.7 74.8 112.2

145 29.6 25.3 37.9





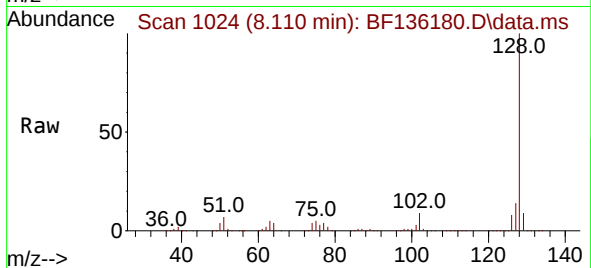
#31
Naphthalene
Concen: 48.128 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



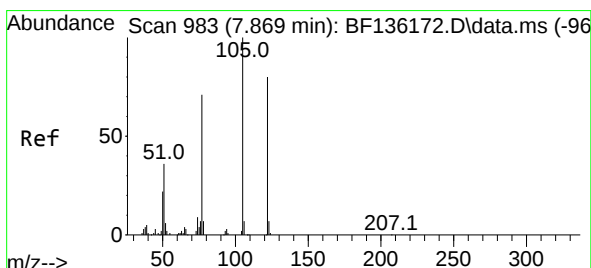
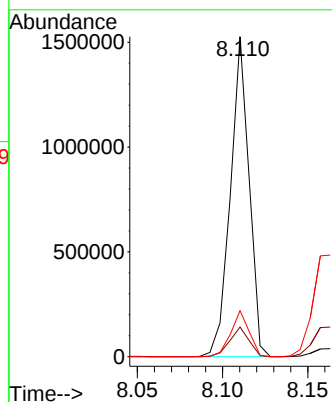
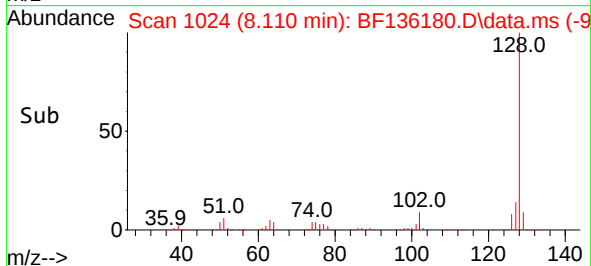
Tgt Ion:128 Resp: 116068
Ion Ratio Lower Upper
128 100
129 9.3 8.9 13.3
127 14.4 10.6 16.0

Manual Integrations

APPROVED

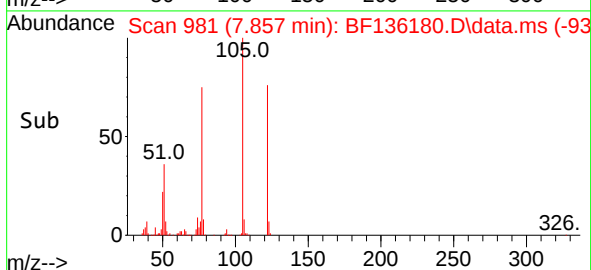
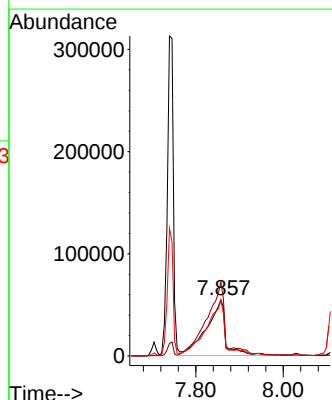
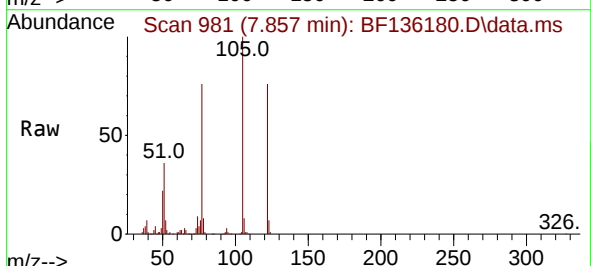
Reviewed By :Yogesh Patel 11/25/2023

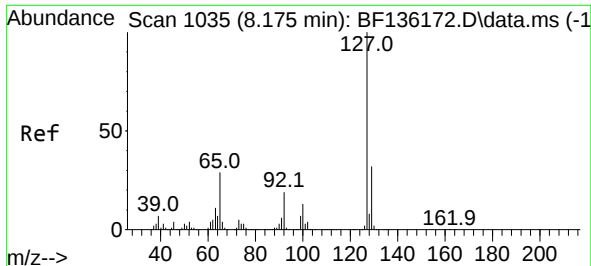
Supervised By :mohammad ahmed 11/27/2023



#32
Benzoic acid
Concen: 34.130 ng m
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

Tgt Ion:122 Resp: 167004
Ion Ratio Lower Upper
122 100
105 131.3 102.5 142.5
77 99.3 68.1 108.1





#33
4-Chloroaniline
Concen: 45.496 ng
RT: 8.163 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

Instrument :

BNA_F

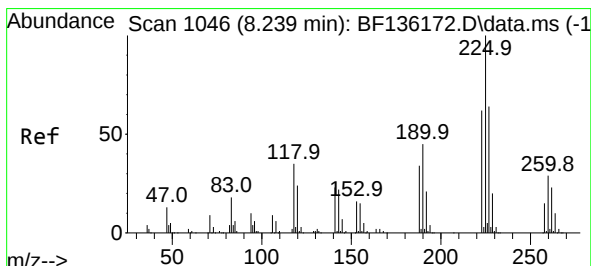
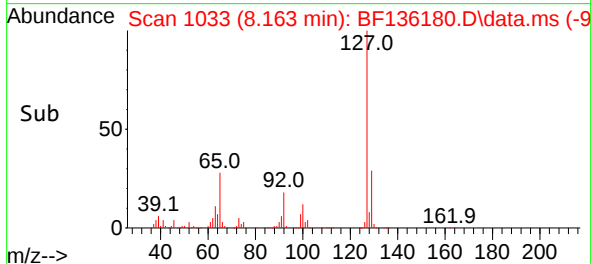
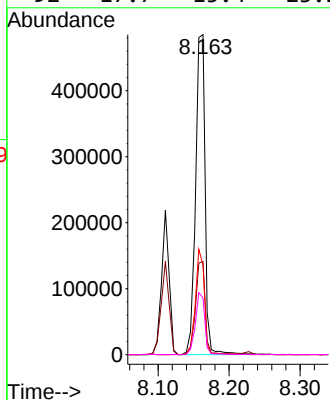
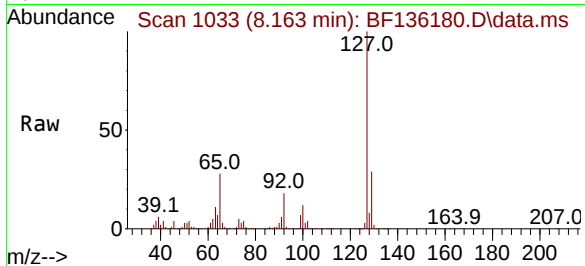
ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 45509
Ion Ratio Lower Upper
127 100
129 29.1 25.7 38.5
65 27.9 23.3 34.9
92 17.7 15.4 23.2

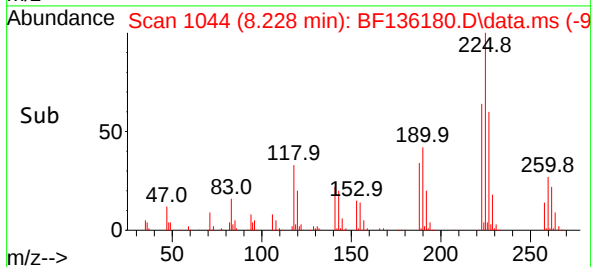
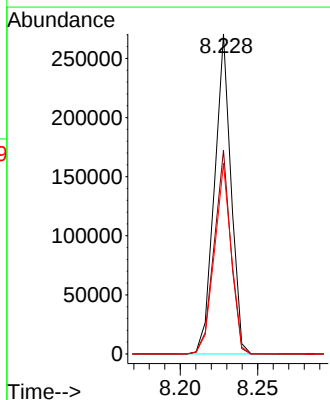
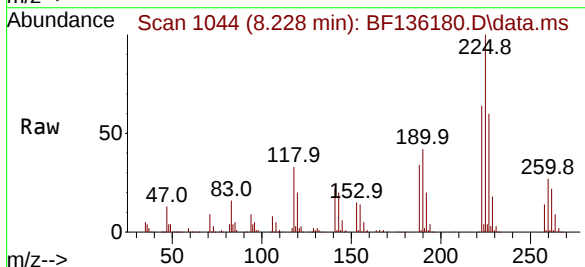
Manual Integrations
APPROVED

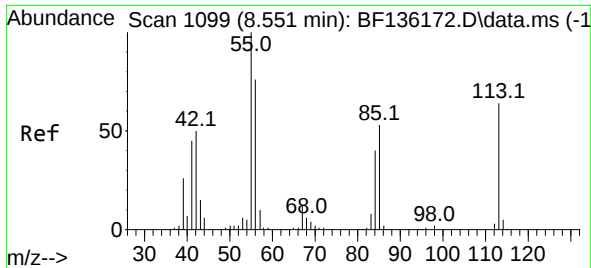
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023



#34
Hexachlorobutadiene
Concen: 43.774 ng
RT: 8.228 min Scan# 1044
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

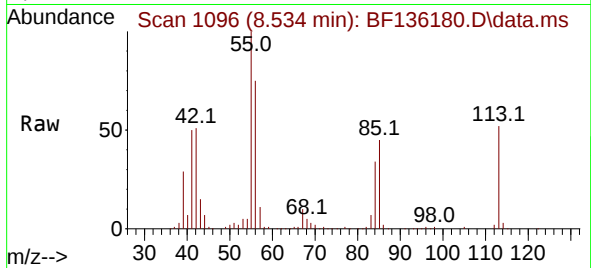
Tgt Ion:225 Resp: 200810
Ion Ratio Lower Upper
225 100
223 63.7 49.8 74.6
227 59.6 51.1 76.7





#35
 Caprolactam
 Concen: 43.588 ng
 RT: 8.534 min Scan# 1096
 Delta R.T. 0.000 min
 Lab File: BF136180.D
 Acq: 24 Nov 2023 15:30

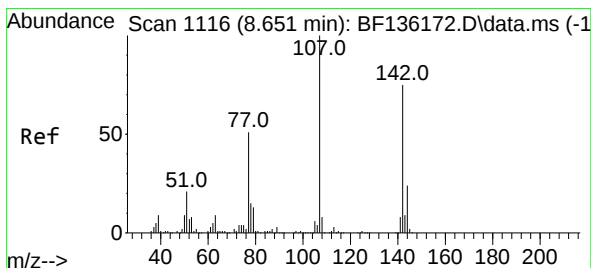
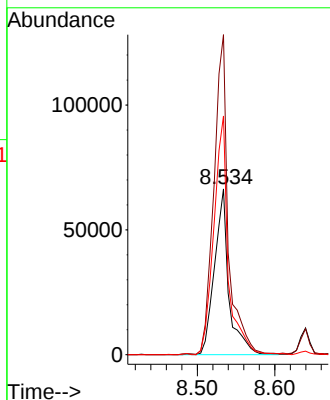
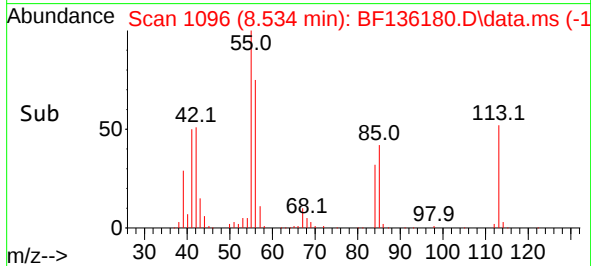
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



Tgt Ion:113 Resp: 85530
 Ion Ratio Lower Upper
 113 100
 55 193.0 137.2 177.2
 56 144.0 99.8 139.8

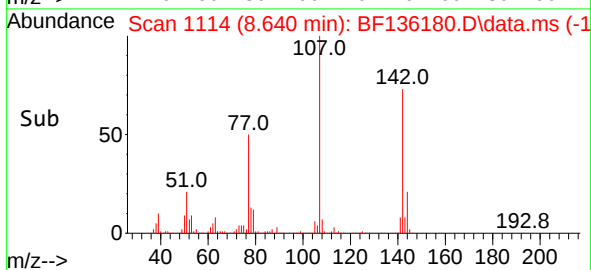
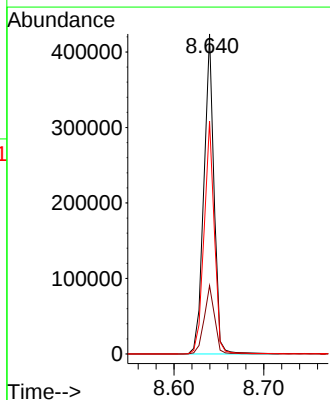
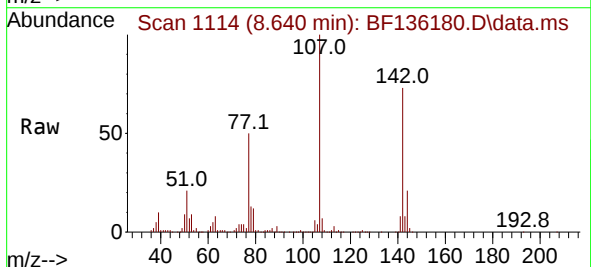
Manual Integrations
 APPROVED

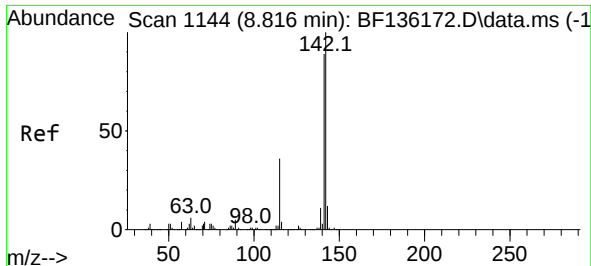
Reviewed By :Yogesh Patel 11/25/2023
 Supervised By :mohammad ahmed 11/27/2023



#36
 4-Chloro-3-methylphenol
 Concen: 46.899 ng
 RT: 8.640 min Scan# 1114
 Delta R.T. 0.000 min
 Lab File: BF136180.D
 Acq: 24 Nov 2023 15:30

Tgt Ion:107 Resp: 333727
 Ion Ratio Lower Upper
 107 100
 144 21.4 19.4 29.0
 142 72.7 59.9 89.9





#37

2-Methylnaphthalene

Concen: 46.979 ng

RT: 8.804 min Scan# 1142

Delta R.T. 0.000 min

Lab File: BF136180.D

Acq: 24 Nov 2023 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 75963

Ion Ratio Lower Upper

142 100

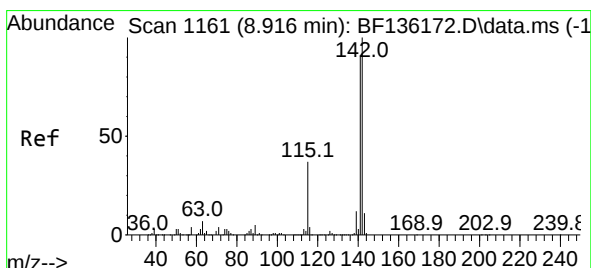
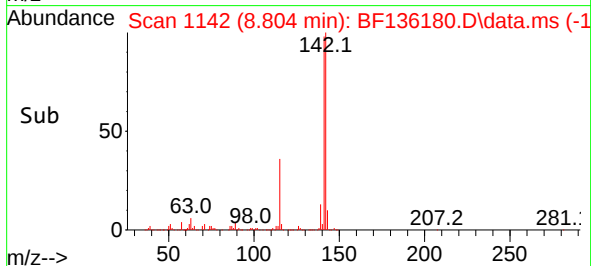
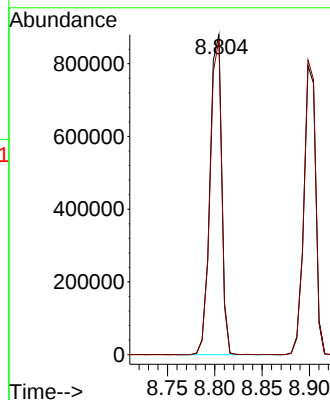
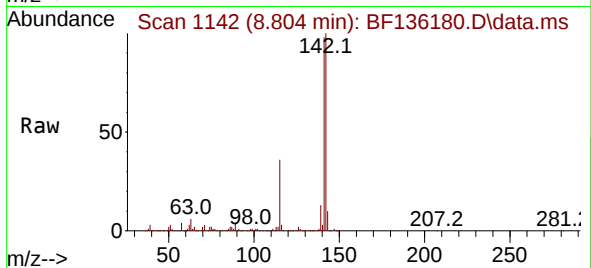
141 98.5 71.4 107.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/25/2023

Supervised By :mohammad ahmed 11/27/2023



#38

1-Methylnaphthalene

Concen: 46.436 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF136180.D

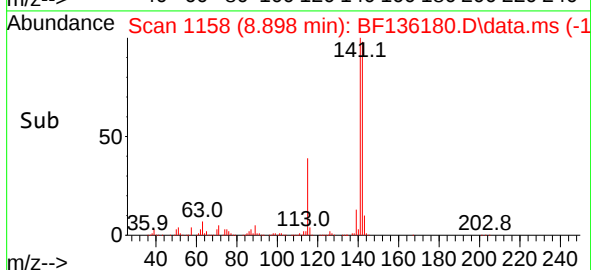
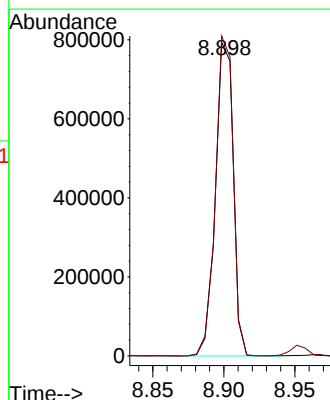
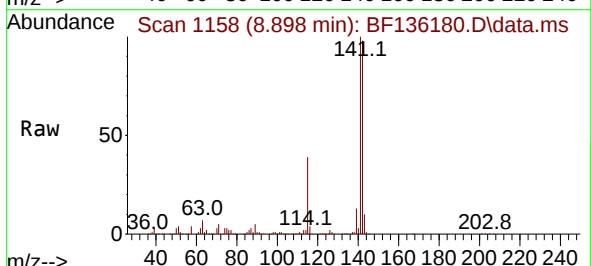
Acq: 24 Nov 2023 15:30

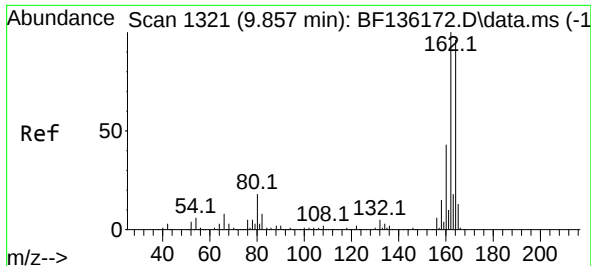
Tgt Ion:142 Resp: 696645

Ion Ratio Lower Upper

142 100

141 102.0 72.7 109.1





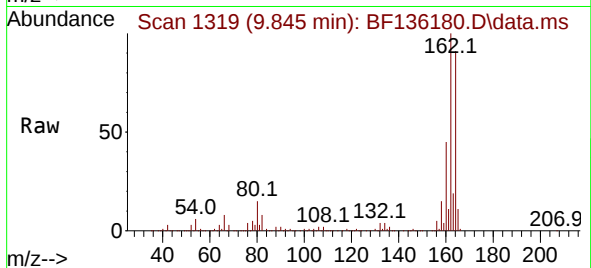
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



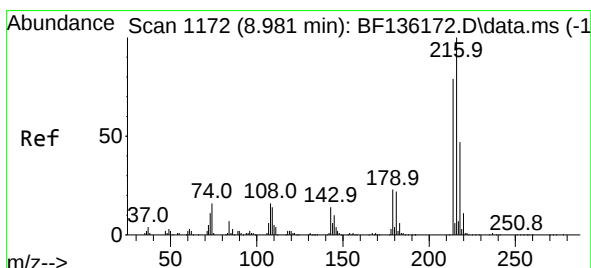
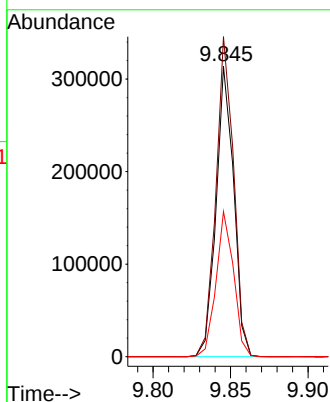
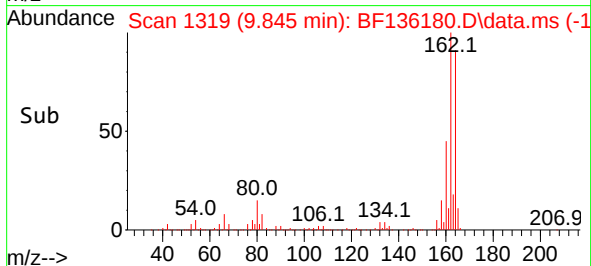
Tgt Ion:164 Resp: 24824
Ion Ratio Lower Upper
164 100
162 110.2 83.2 124.8
160 50.0 35.8 53.8

Manual Integrations

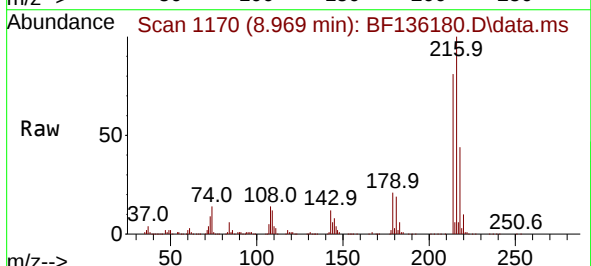
APPROVED

Reviewed By :Yogesh Patel 11/25/2023

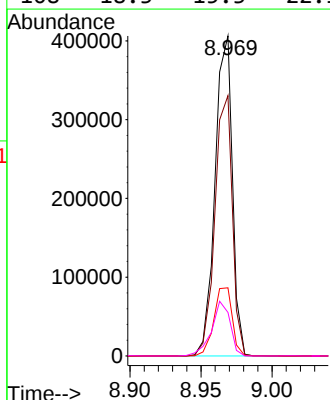
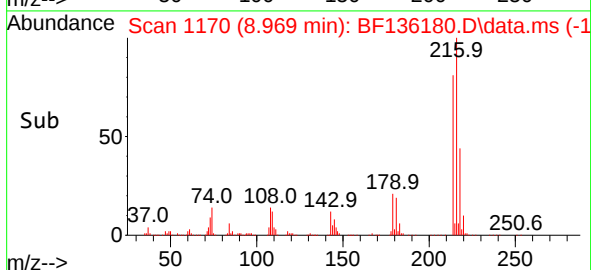
Supervised By :mohammad ahmed 11/27/2023

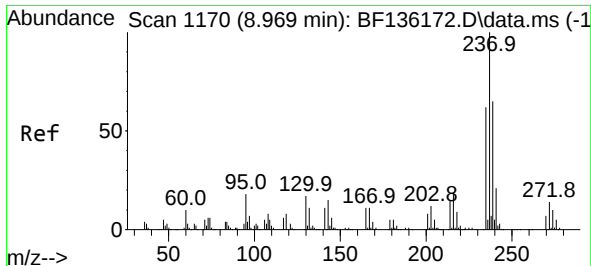


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.335 ng
RT: 8.969 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30



Tgt Ion:216 Resp: 344731
Ion Ratio Lower Upper
216 100
214 82.1 63.8 95.8
179 22.6 18.0 27.0
108 18.3 15.3 22.9





#41
Hexachlorocyclopentadiene
Concen: 44.258 ng
RT: 8.951 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

Instrument :

BNA_F

ClientSampleId :

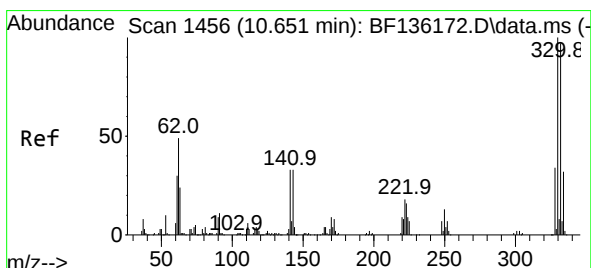
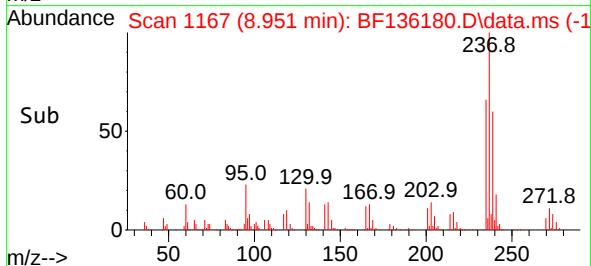
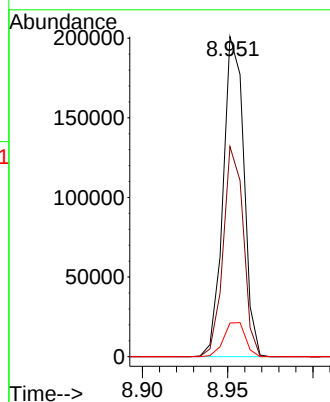
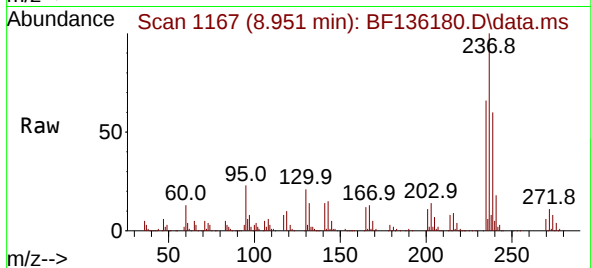
SSTDCCC040

Tgt Ion:237 Resp: 169800
Ion Ratio Lower Upper
237 100
235 65.6 42.3 82.3
272 10.5 0.0 33.8

Manual Integrations

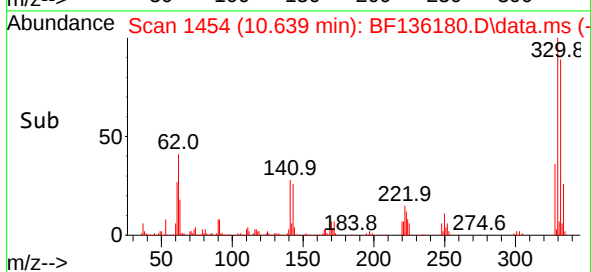
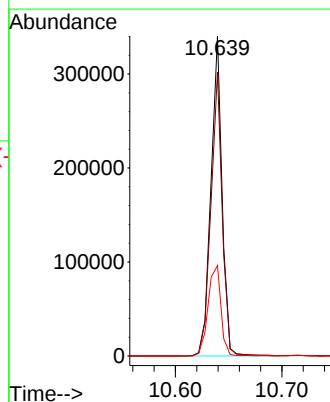
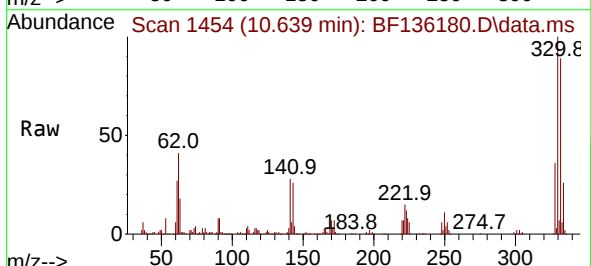
APPROVED

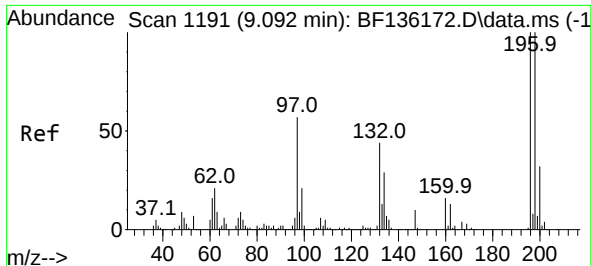
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023



#42
2,4,6-Tribromophenol
Concen: 95.392 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

Tgt Ion:330 Resp: 248019
Ion Ratio Lower Upper
330 100
332 90.1 77.6 116.4
141 32.8 25.8 38.6





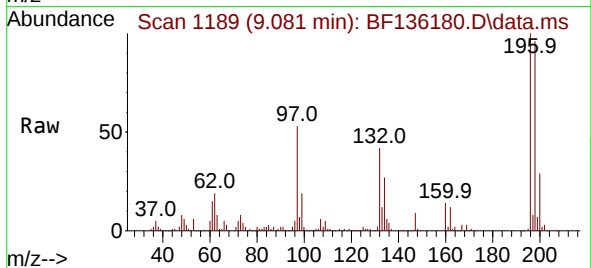
#43
2,4,6-Trichlorophenol
Concen: 44.760 ng
RT: 9.081 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

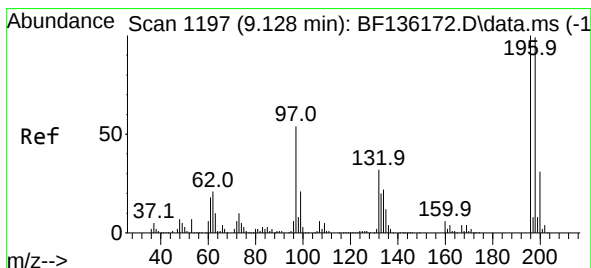
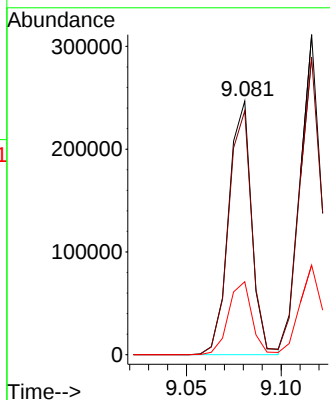
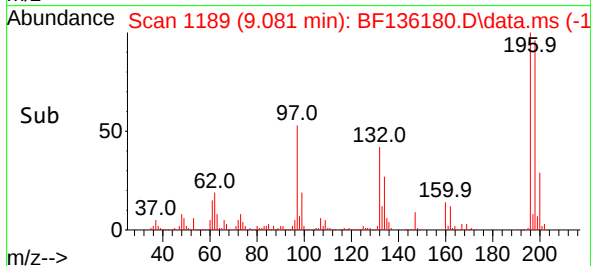


Tgt Ion:196 Resp: 20852
Ion Ratio Lower Upper
196 100
198 96.1 80.2 120.4
200 28.8 25.5 38.3

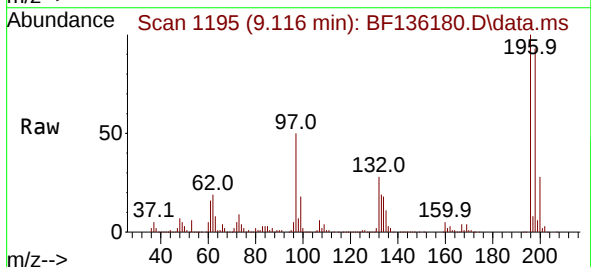
Manual Integrations

APPROVED

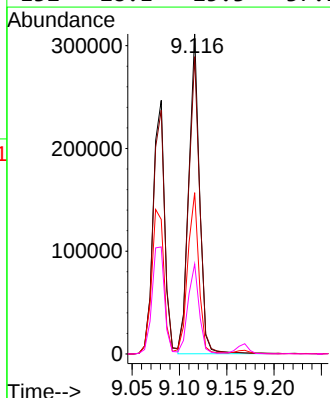
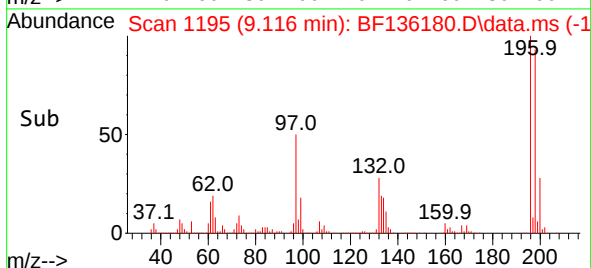
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023

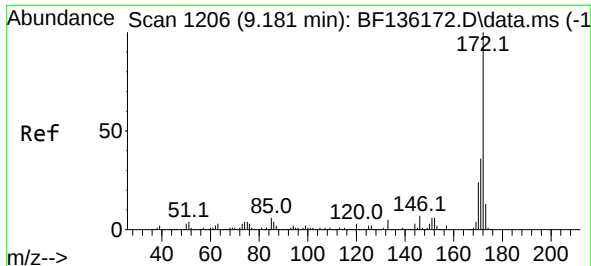


#44
2,4,5-Trichlorophenol
Concen: 45.742 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30



Tgt Ion:196 Resp: 245490
Ion Ratio Lower Upper
196 100
198 92.9 78.9 118.3
97 50.4 43.6 65.4
132 28.1 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 101.919 ng

RT: 9.169 min Scan# 1204

Delta R.T. 0.000 min

Lab File: BF136180.D

Acq: 24 Nov 2023 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 1711620

Ion Ratio Lower Upper

172 100

171 38.7 28.9 43.3

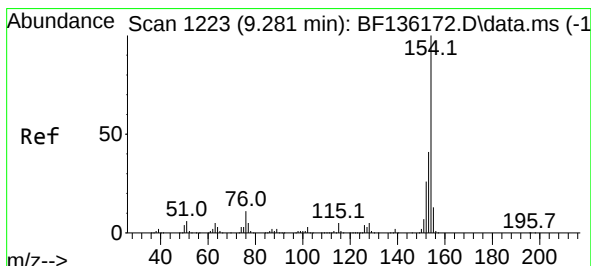
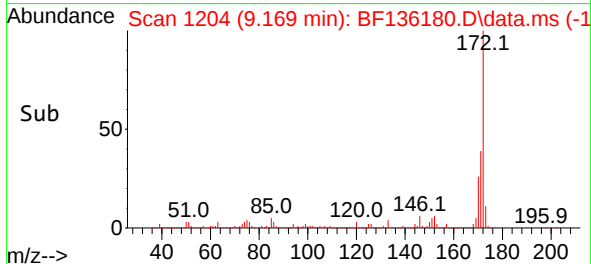
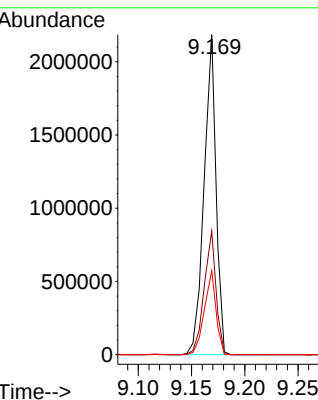
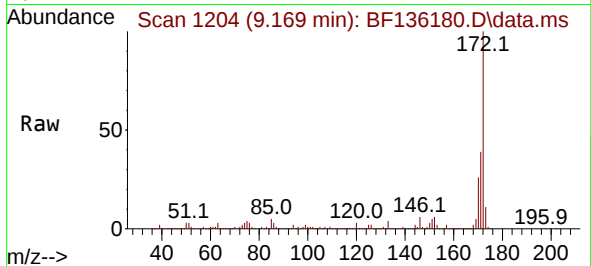
170 26.3 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/25/2023

Supervised By :mohammad ahmed 11/27/2023



#46

1,1'-Biphenyl

Concen: 48.706 ng

RT: 9.269 min Scan# 1221

Delta R.T. 0.000 min

Lab File: BF136180.D

Acq: 24 Nov 2023 15:30

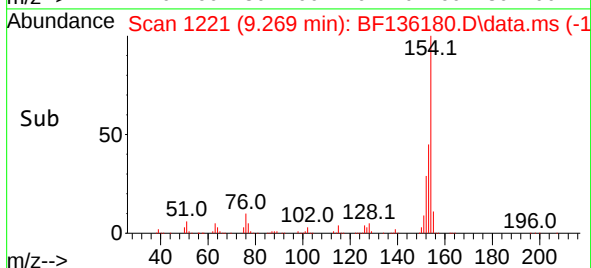
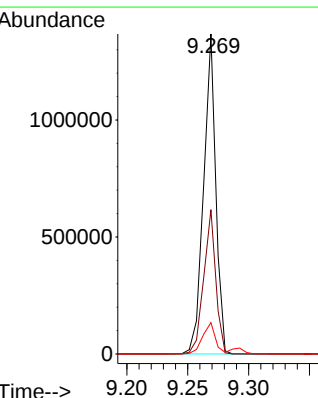
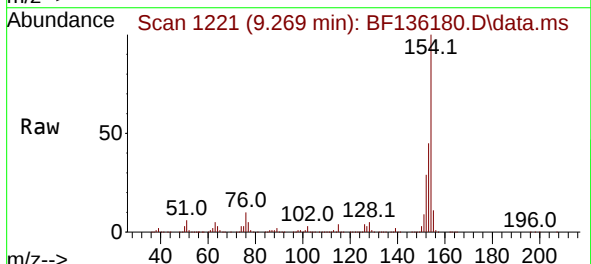
Tgt Ion:154 Resp: 948769

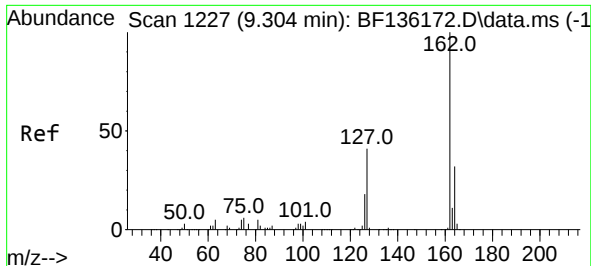
Ion Ratio Lower Upper

154 100

153 45.1 21.1 61.1

76 9.8 0.0 31.2





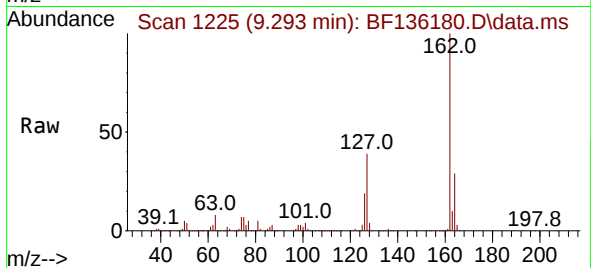
#47
2-Chloronaphthalene
Concen: 48.857 ng
RT: 9.293 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

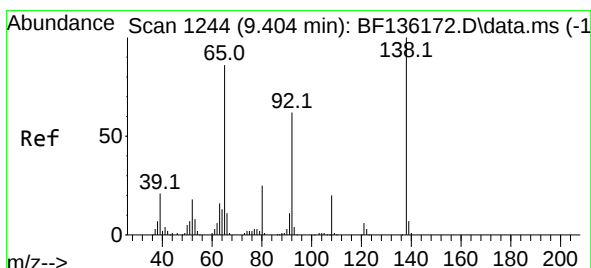
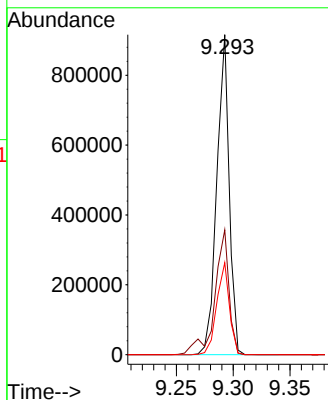
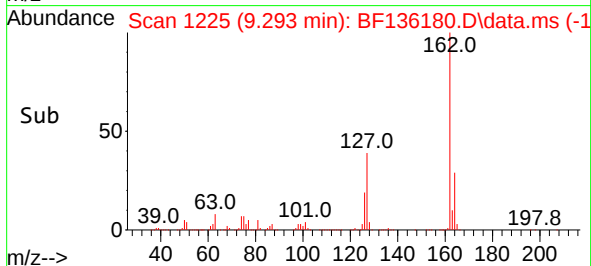


Tgt Ion:162 Resp: 69563
Ion Ratio Lower Upper
162 100
127 39.0 34.2 51.4
164 28.8 25.6 38.4

Manual Integrations

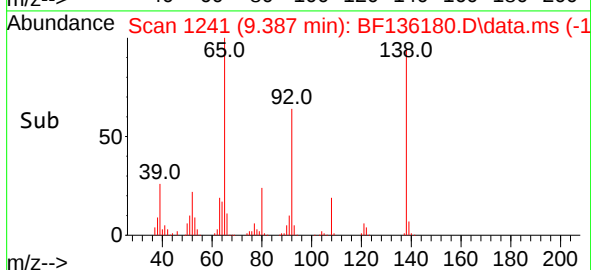
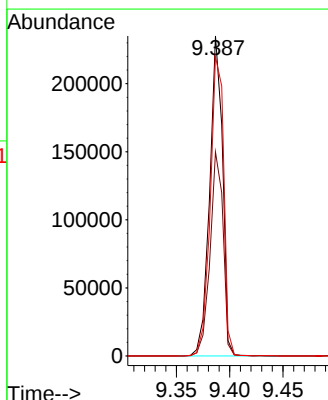
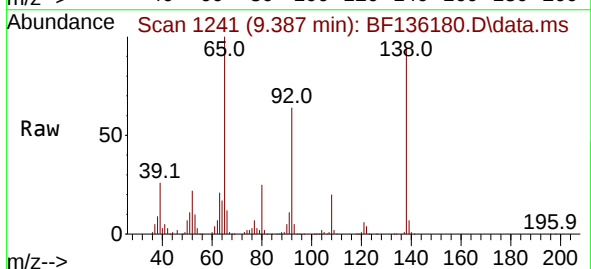
APPROVED

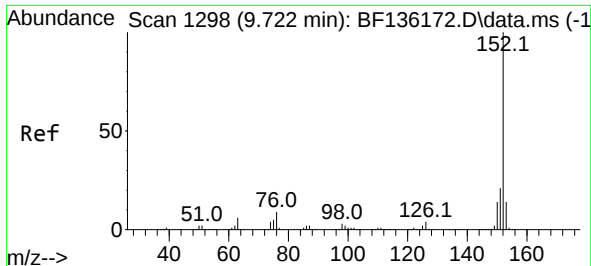
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023



#48
2-Nitroaniline
Concen: 45.735 ng
RT: 9.387 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

Tgt Ion: 65 Resp: 198544
Ion Ratio Lower Upper
65 100
92 63.8 57.5 86.3
138 93.5 93.4 140.2





#49

Acenaphthylene

Concen: 49.825 ng

RT: 9.710 min Scan# 1296

Delta R.T. 0.000 min

Lab File: BF136180.D

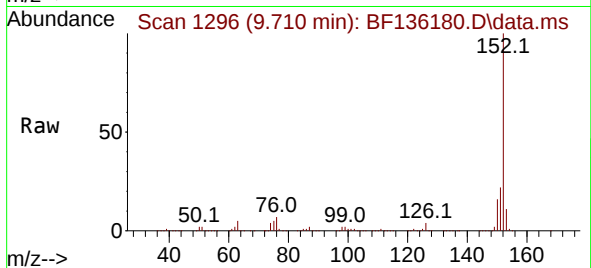
Acq: 24 Nov 2023 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:152 Resp: 109505

Ion Ratio Lower Upper

152 100

151 22.0 16.4 24.6

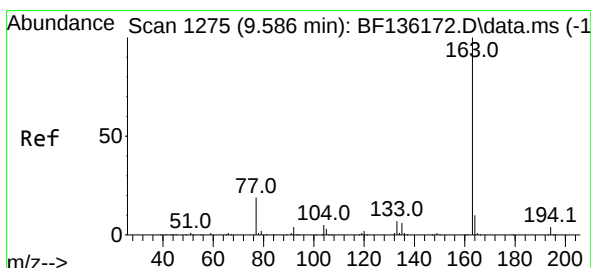
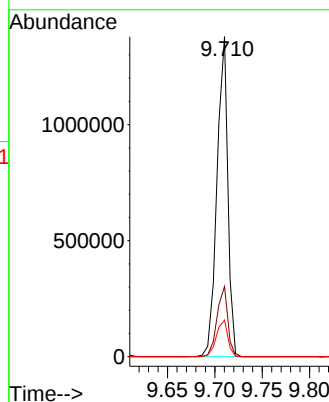
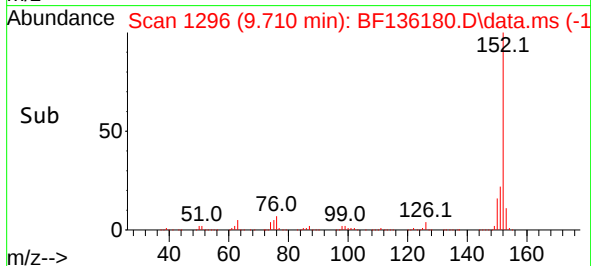
153 11.5 11.1 16.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/25/2023

Supervised By :mohammad ahmed 11/27/2023



#50

Dimethylphthalate

Concen: 49.956 ng

RT: 9.575 min Scan# 1273

Delta R.T. 0.000 min

Lab File: BF136180.D

Acq: 24 Nov 2023 15:30

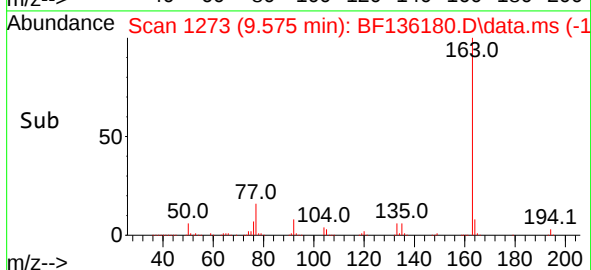
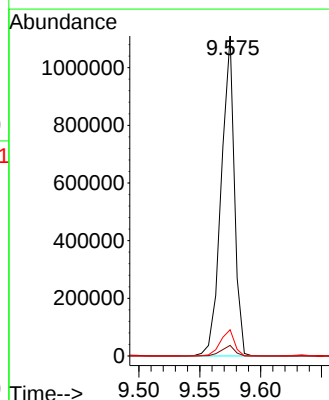
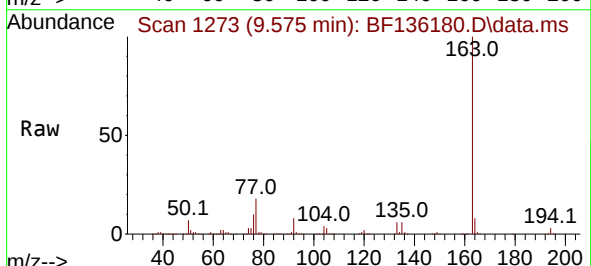
Tgt Ion:163 Resp: 837906

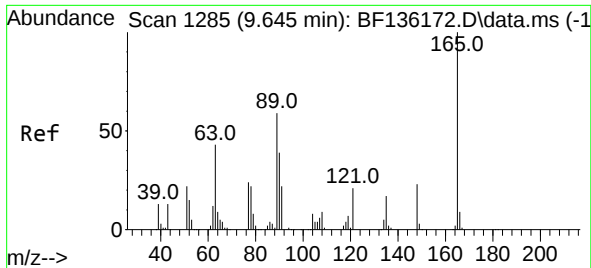
Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

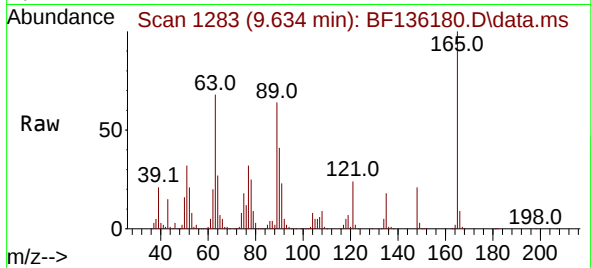
164 8.2 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 42.484 ng
RT: 9.634 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

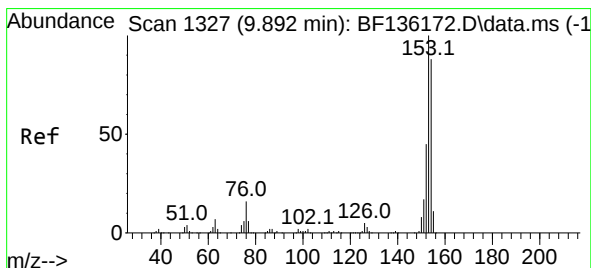
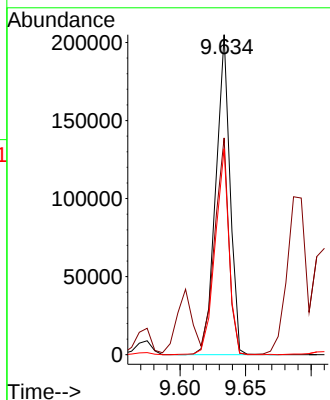
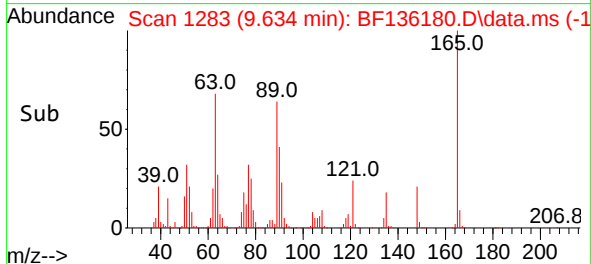
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 154629
Ion Ratio Lower Upper
165 100
63 67.7 48.0 72.0
89 64.4 47.2 70.8

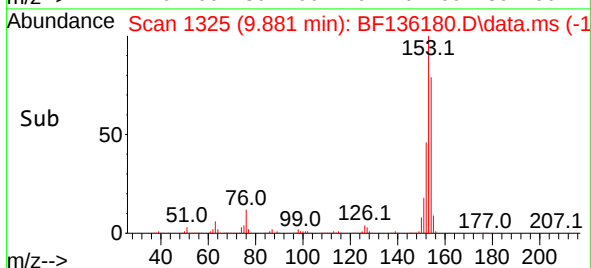
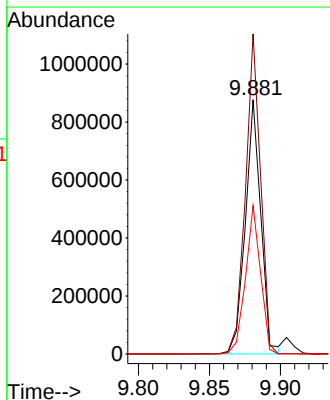
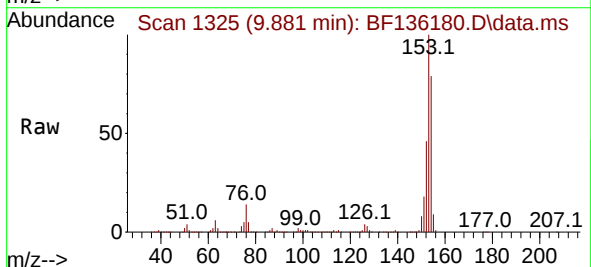
Manual Integrations
APPROVED

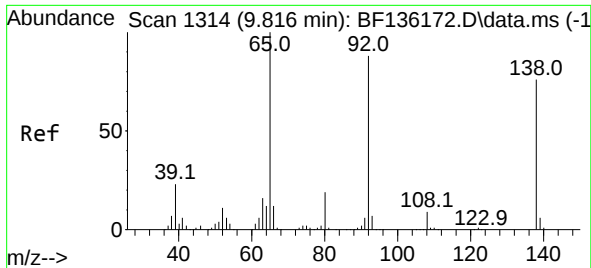
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023



#52
Acenaphthene
Concen: 45.581 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

Tgt Ion:154 Resp: 667238
Ion Ratio Lower Upper
154 100
153 125.8 90.4 135.6
152 58.4 41.1 61.7





#53
3-Nitroaniline
Concen: 44.539 ng
RT: 9.804 min Scan# 1312
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

Instrument :

BNA_F

ClientSampleId :

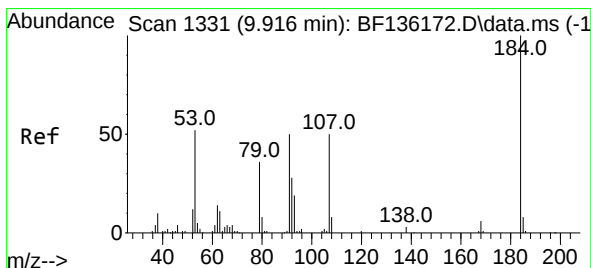
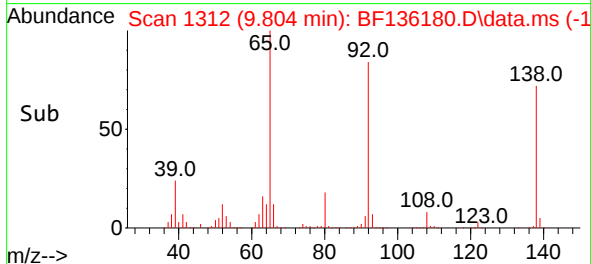
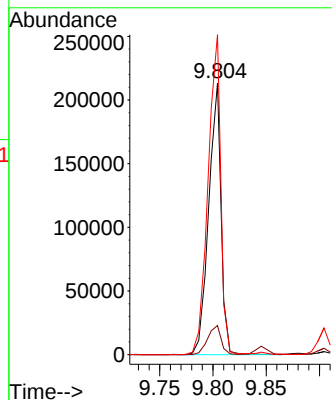
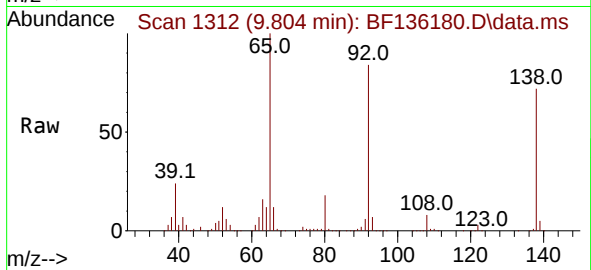
SSTDCCC040

Tgt Ion:138 Resp: 172838
Ion Ratio Lower Upper
138 100
108 10.7 9.0 13.4
92 117.8 92.2 138.2

Manual Integrations

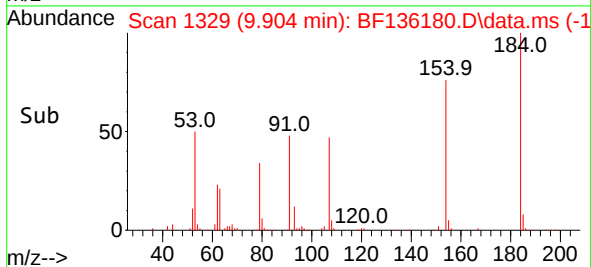
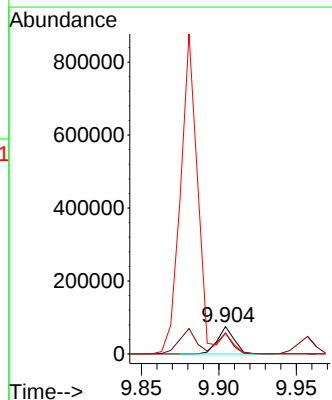
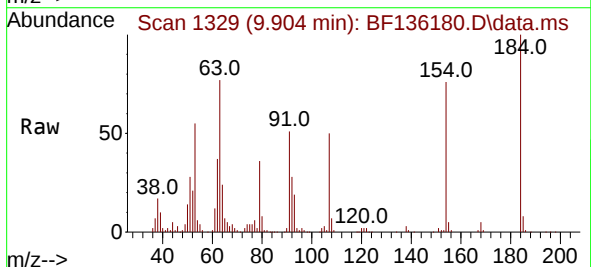
APPROVED

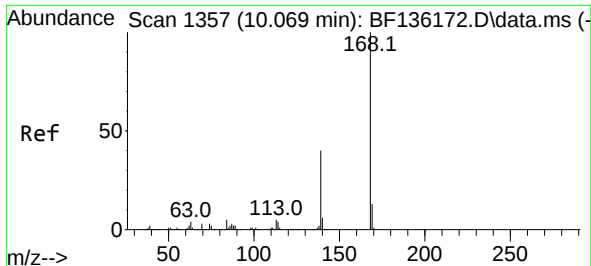
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023



#54
2,4-Dinitrophenol
Concen: 35.597 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

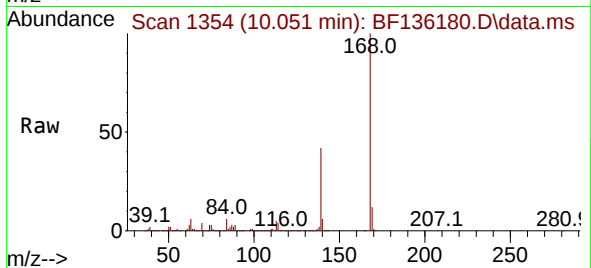
Tgt Ion:184 Resp: 56146
Ion Ratio Lower Upper
184 100
63 76.8 59.1 88.7
154 76.3 58.2 87.2





#55
Dibenzenofuran
Concen: 49.895 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

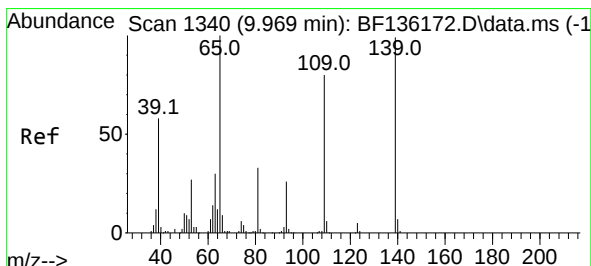
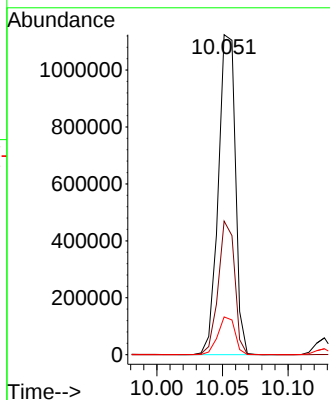
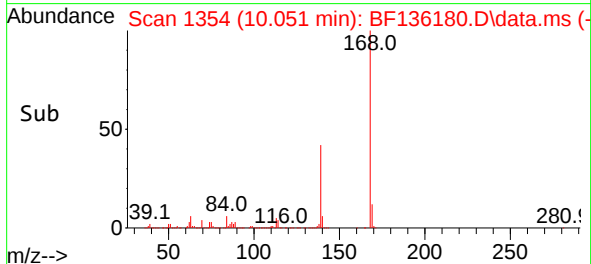
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 101549
Ion Ratio Lower Upper
168 100
139 41.8 31.9 47.9
169 11.8 10.6 16.0

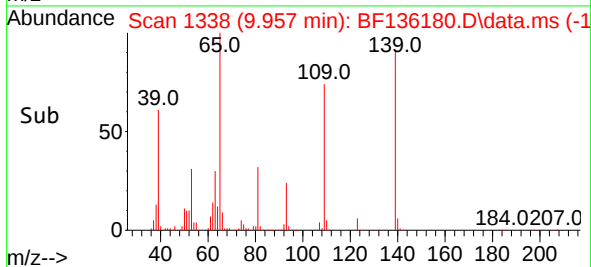
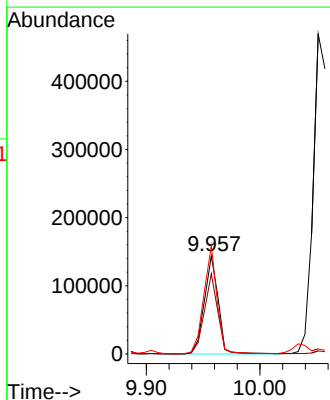
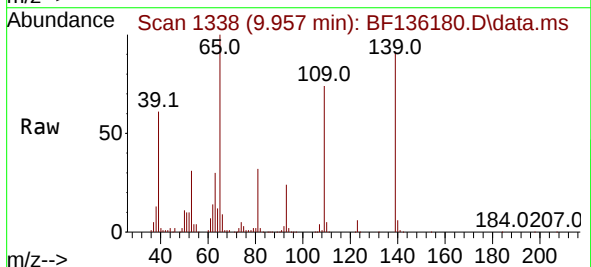
Manual Integrations
APPROVED

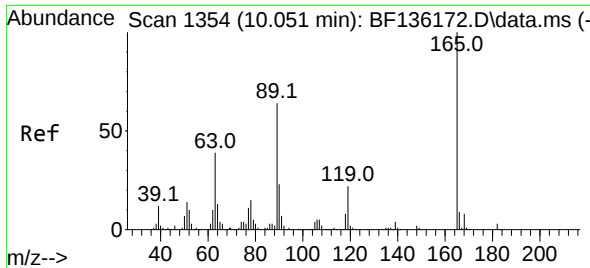
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023



#56
4-Nitrophenol
Concen: 47.244 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

Tgt Ion:139 Resp: 121828
Ion Ratio Lower Upper
139 100
109 81.8 60.9 100.9
65 110.4 81.6 121.6





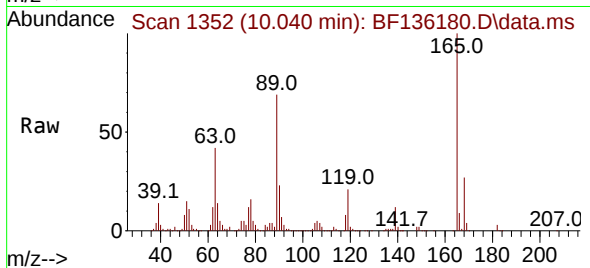
#57
2,4-Dinitrotoluene
Concen: 46.142 ng
RT: 10.040 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

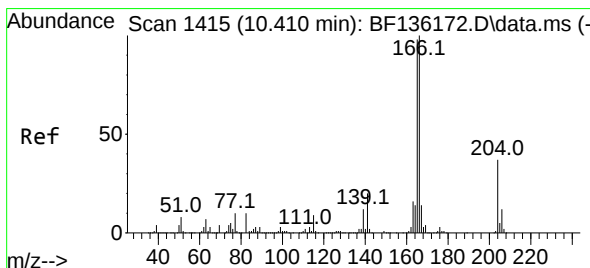
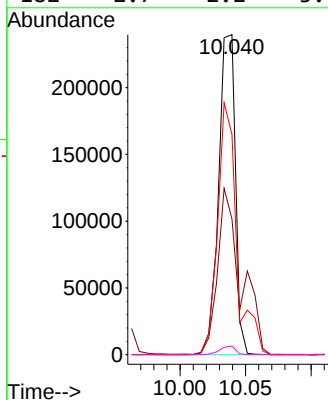
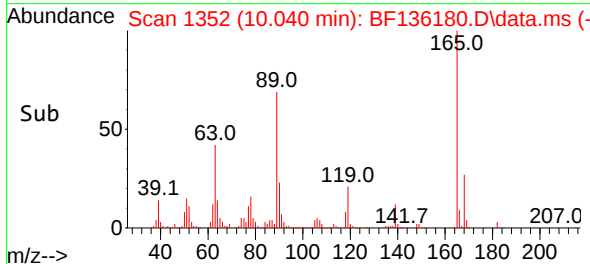


Tgt Ion:165 Resp: 21329
Ion Ratio Lower Upper
165 100
63 42.4 31.4 47.0
89 68.8 51.6 77.4
182 2.7 2.2 3.4

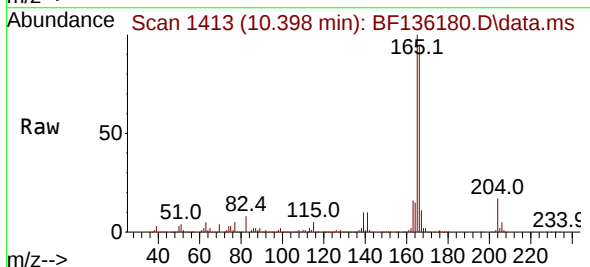
Manual Integrations

APPROVED

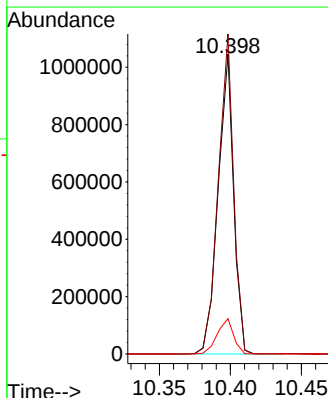
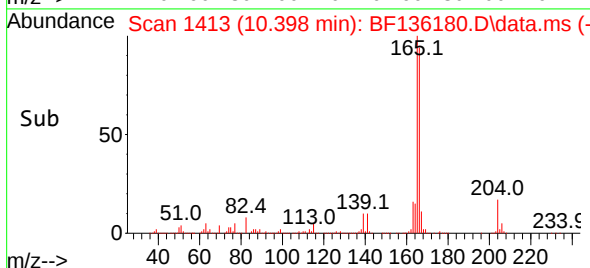
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023

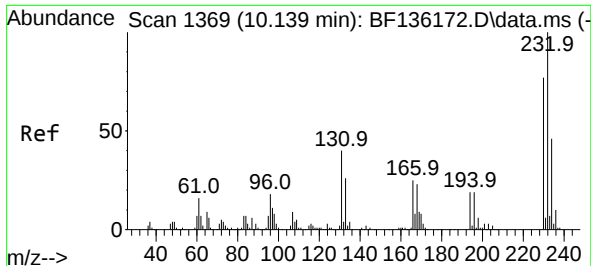


#58
Fluorene
Concen: 51.564 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30



Tgt Ion:166 Resp: 796510
Ion Ratio Lower Upper
166 100
165 106.7 78.8 118.2
167 11.8 10.9 16.3





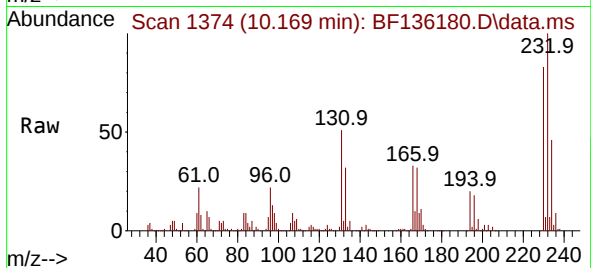
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.233 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

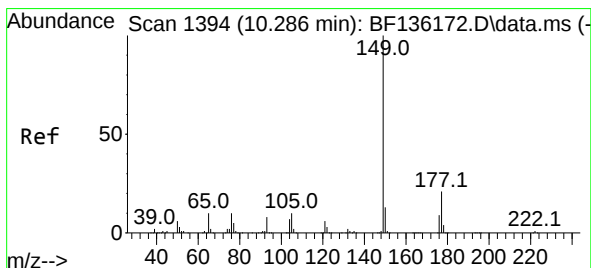
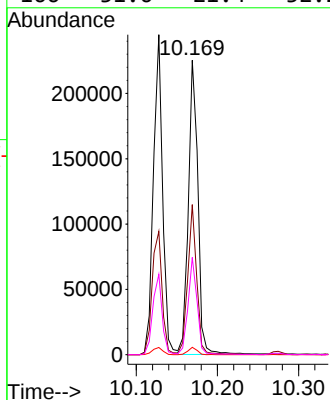
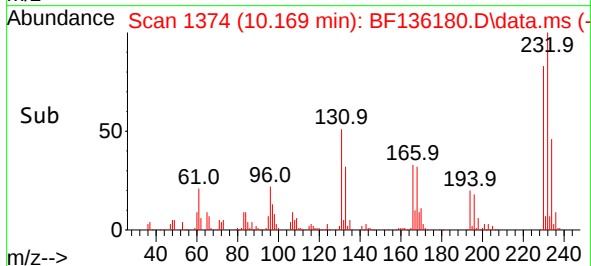


Tgt Ion:232 Resp: 18398
Ion Ratio Lower Upper
232 100
131 46.8 34.6 52.0
130 2.4 1.9 2.9
166 31.6 21.4 32.2

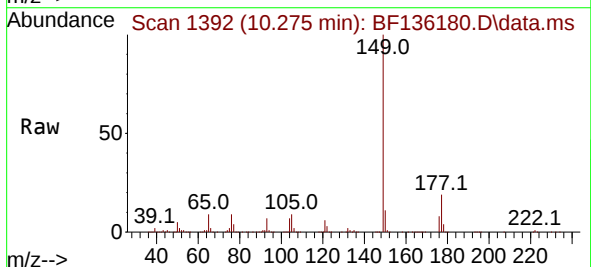
Manual Integrations

APPROVED

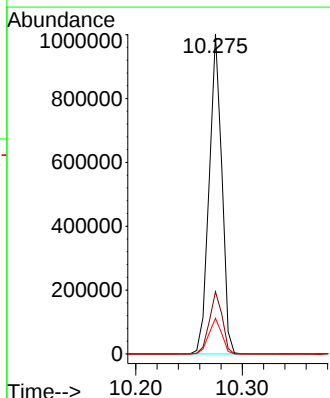
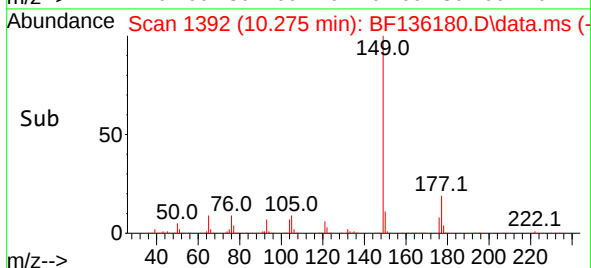
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023

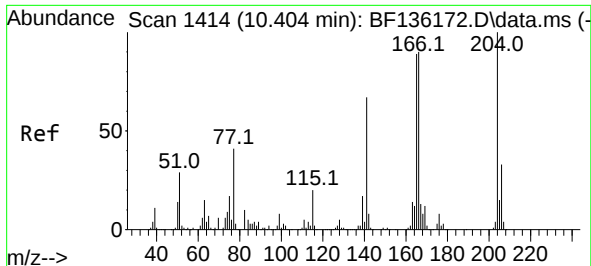


#60
Diethylphthalate
Concen: 49.004 ng
RT: 10.275 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30



Tgt Ion:149 Resp: 824587
Ion Ratio Lower Upper
149 100
177 19.5 17.2 25.8
150 11.2 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 48.341 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

Instrument :

BNA_F

ClientSampleId :

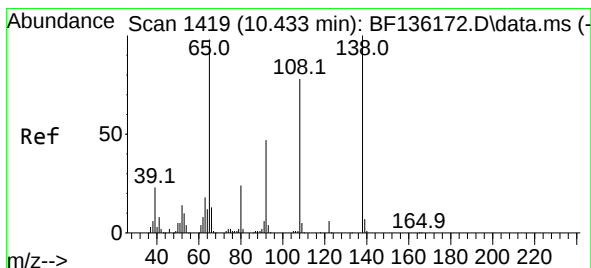
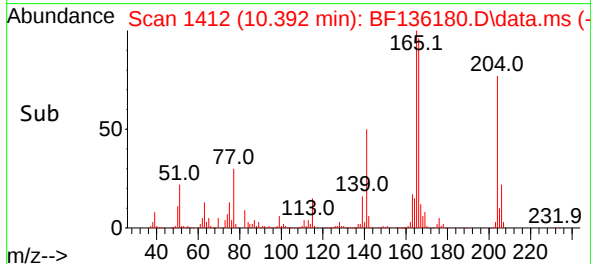
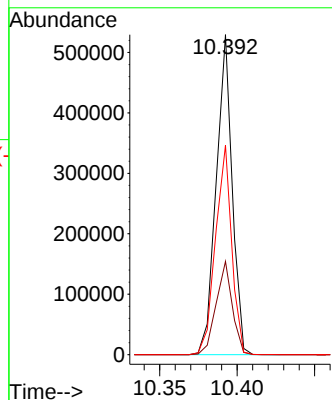
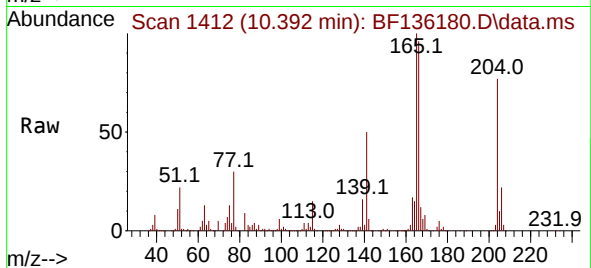
SSTDCCC040

Tgt Ion:204 Resp: 379594
Ion Ratio Lower Upper
204 100
206 29.2 26.1 39.1
141 65.5 53.9 80.9

Manual Integrations

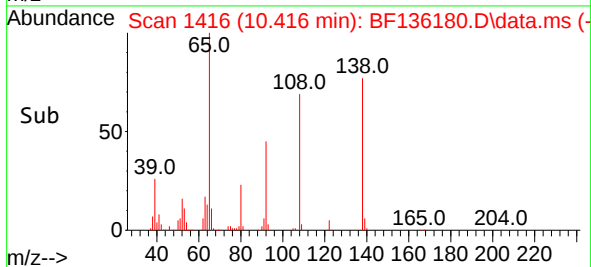
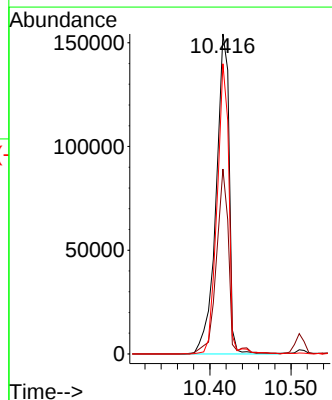
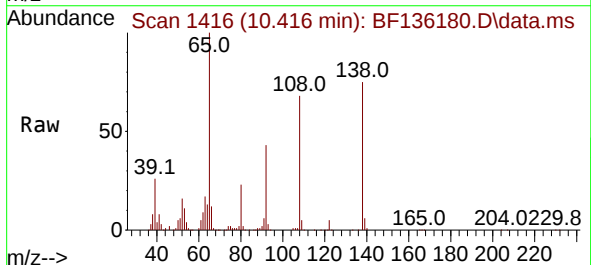
APPROVED

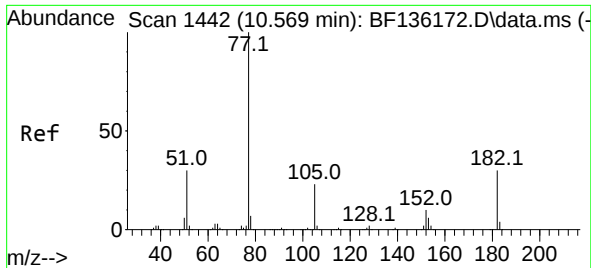
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023



#62
4-Nitroaniline
Concen: 49.056 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

Tgt Ion:138 Resp: 173493
Ion Ratio Lower Upper
138 100
92 57.8 26.6 66.6
108 90.7 58.0 98.0





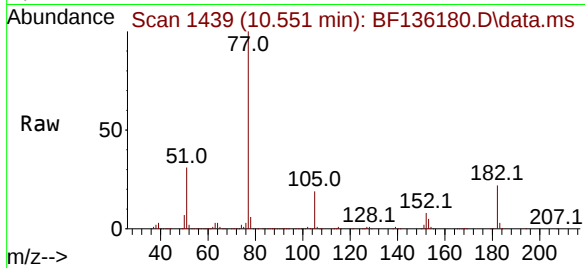
#63
Azobenzene
Concen: 53.791 ng
RT: 10.551 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

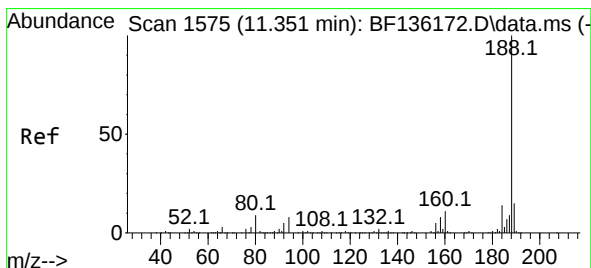
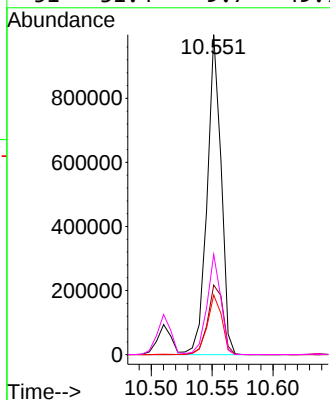
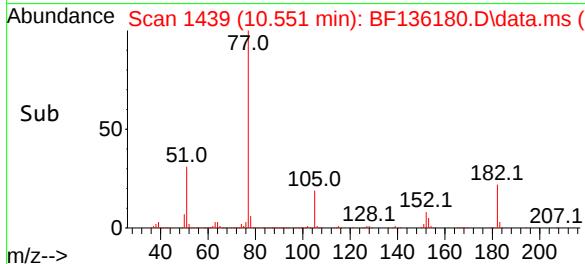


Tgt Ion: 77 Resp: 79195
Ion Ratio Lower Upper
77 100
182 21.7 10.3 50.3
105 18.7 2.6 42.6
51 31.4 9.7 49.7

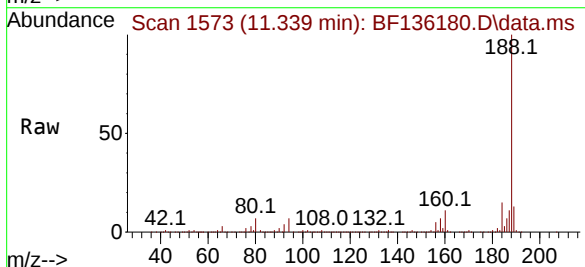
Manual Integrations

APPROVED

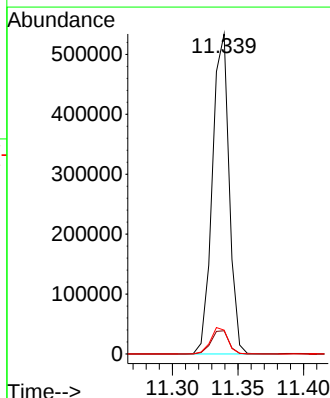
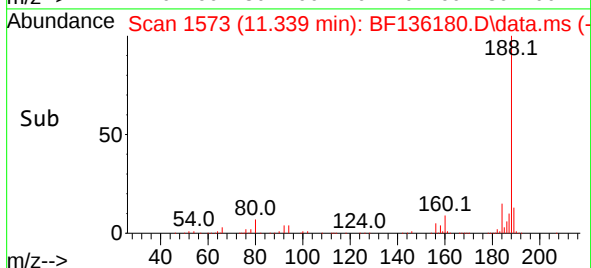
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023

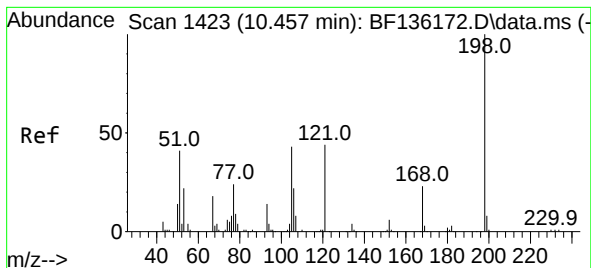


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30



Tgt Ion:188 Resp: 475713
Ion Ratio Lower Upper
188 100
94 7.2 6.6 9.8
80 7.5 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 33.827 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

Instrument :

BNA_F

ClientSampleId :

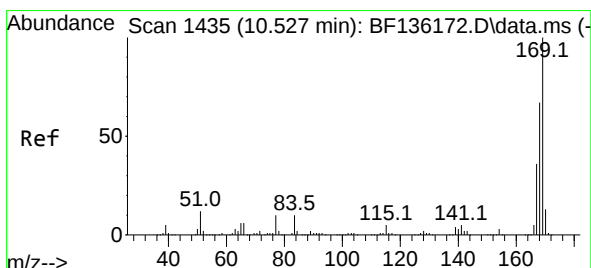
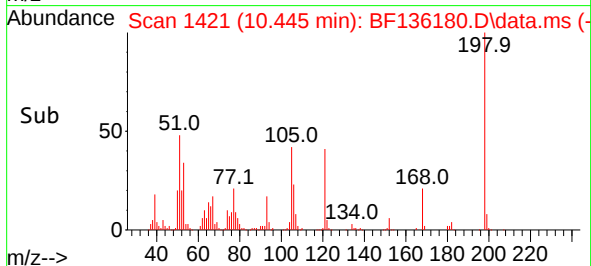
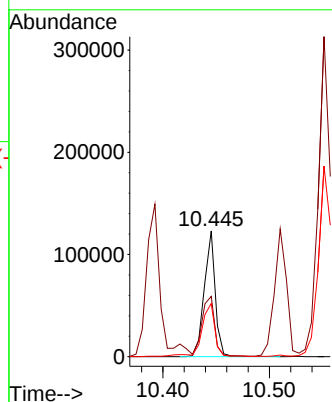
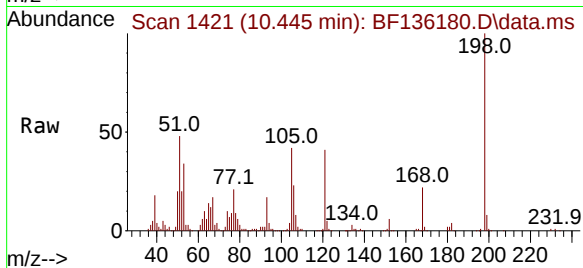
SSTDCCC040

Tgt Ion:198 Resp: 88400
Ion Ratio Lower Upper
198 100
51 48.0 27.3 67.3
105 42.3 24.2 64.2

Manual Integrations

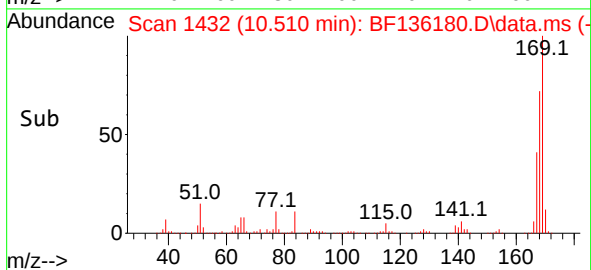
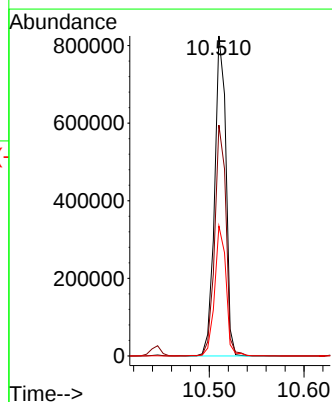
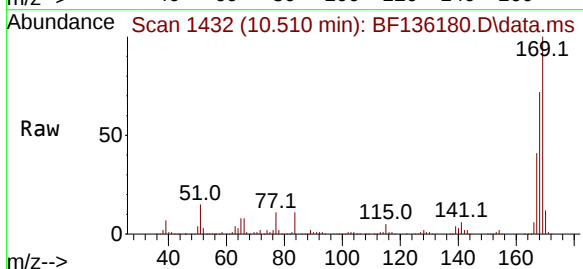
APPROVED

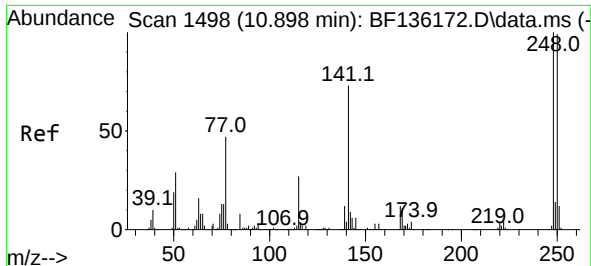
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023



#66
n-Nitrosodiphenylamine
Concen: 45.230 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

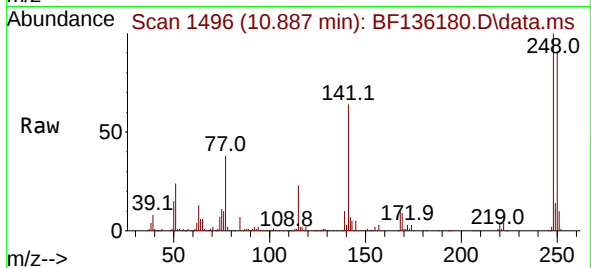
Tgt Ion:169 Resp: 682620
Ion Ratio Lower Upper
169 100
168 72.2 53.9 80.9
167 40.6 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 44.445 ng
RT: 10.887 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

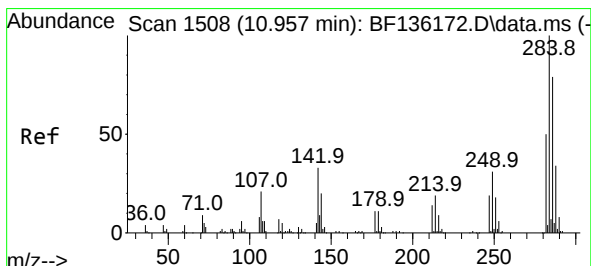
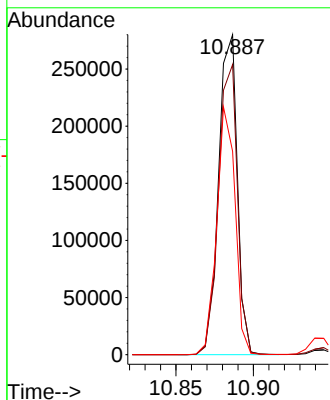
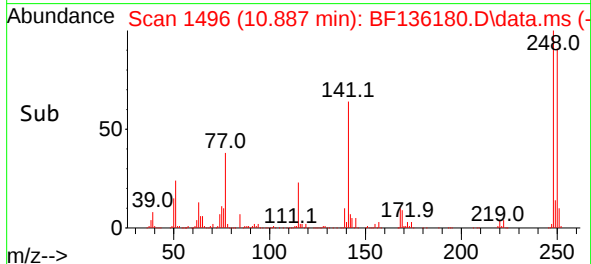
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



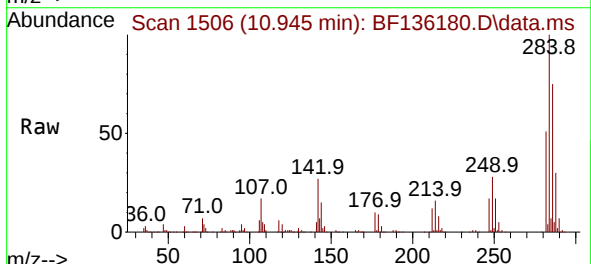
Tgt Ion:248 Resp: 235470
Ion Ratio Lower Upper
248 100
250 90.7 79.0 118.4
141 63.6 58.8 88.2

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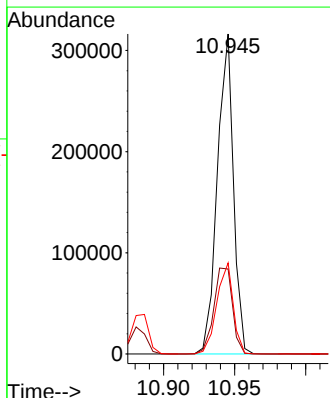
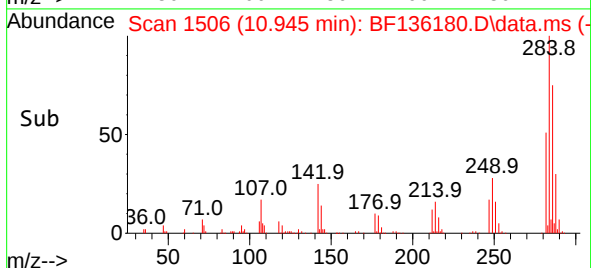
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023

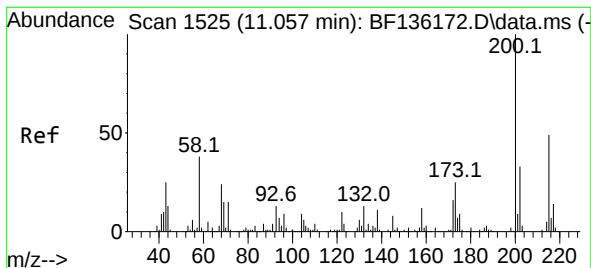


#68
Hexachlorobenzene
Concen: 44.120 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30



Tgt Ion:284 Resp: 248170
Ion Ratio Lower Upper
284 100
142 26.6 26.6 39.8
249 28.5 24.6 37.0





#69

Atrazine

Concen: 40.200 ng

RT: 11.039 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF136180.D

Acq: 24 Nov 2023 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 15370

Ion Ratio Lower Upper

200 100

173 25.1 4.9 44.9

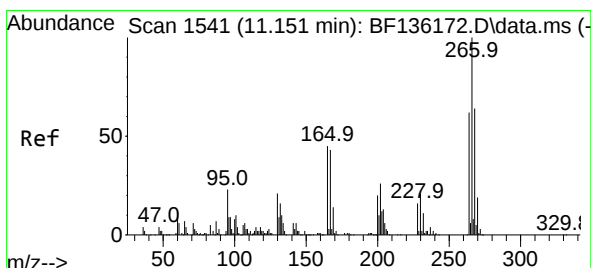
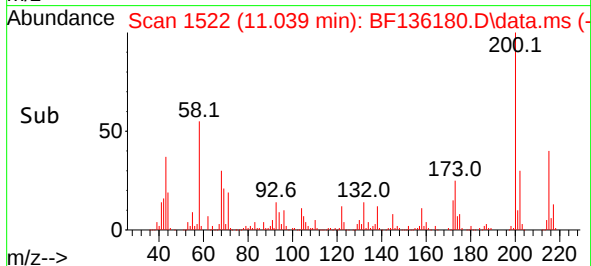
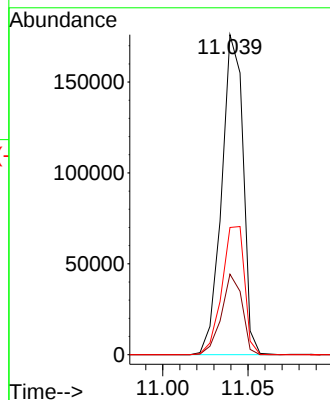
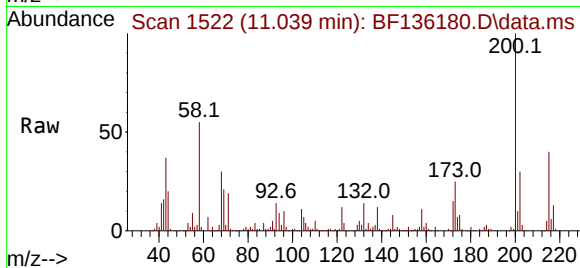
215 39.7 28.9 68.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/25/2023

Supervised By :mohammad ahmed 11/27/2023



#70

Pentachlorophenol

Concen: 44.039 ng

RT: 11.139 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF136180.D

Acq: 24 Nov 2023 15:30

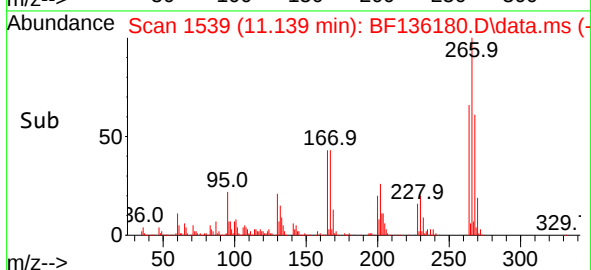
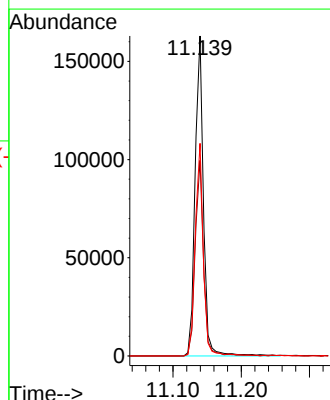
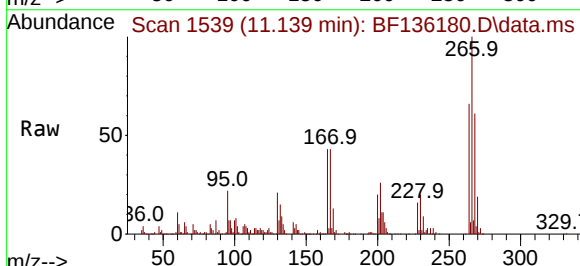
Tgt Ion:266 Resp: 138544

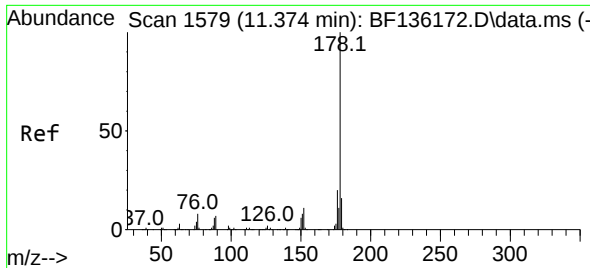
Ion Ratio Lower Upper

266 100

268 61.2 50.8 76.2

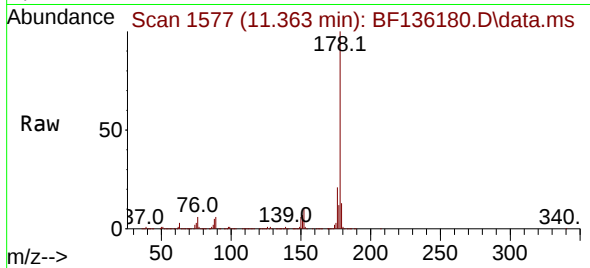
264 66.5 50.0 75.0





#71
Phenanthrene
Concen: 49.826 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

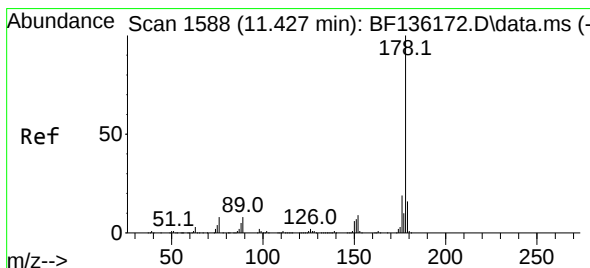
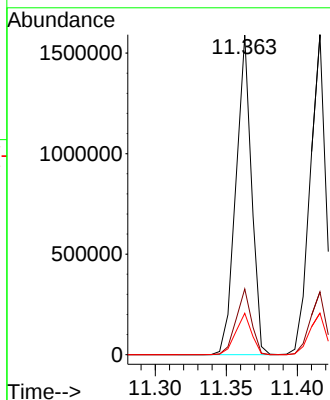
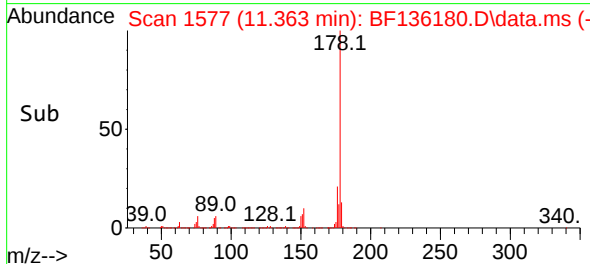
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:178 Resp: 1213777
Ion Ratio Lower Upper
178 100
176 20.6 15.8 23.8
179 13.0 12.7 19.1

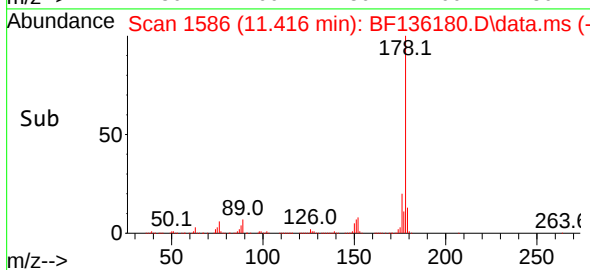
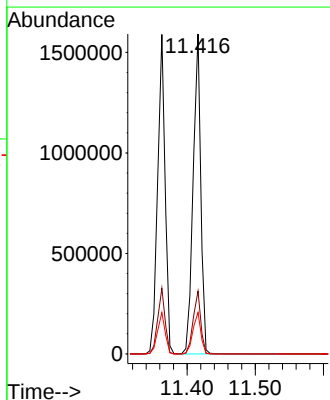
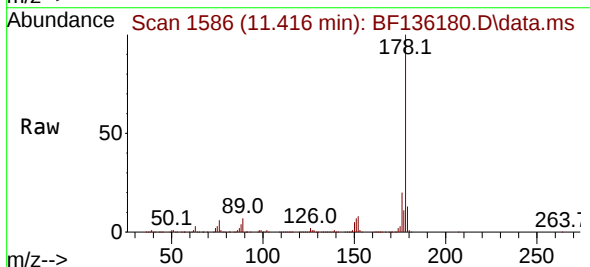
Manual Integrations
APPROVED

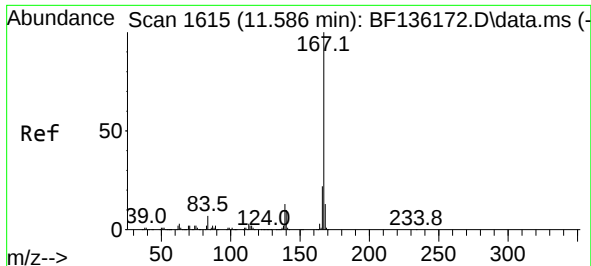
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023



#72
Anthracene
Concen: 49.198 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

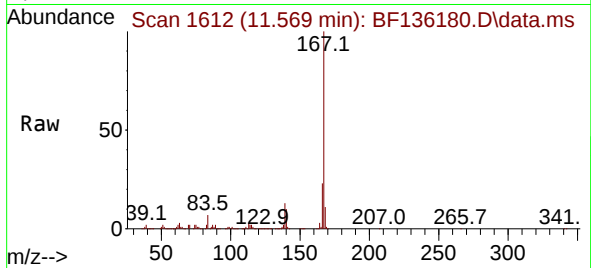
Tgt Ion:178 Resp: 1223362
Ion Ratio Lower Upper
178 100
176 19.7 15.0 22.4
179 13.0 12.6 18.8





#73
 Carbazole
 Concen: 50.542 ng
 RT: 11.569 min Scan# 1615
 Delta R.T. 0.000 min
 Lab File: BF136180.D
 Acq: 24 Nov 2023 15:30

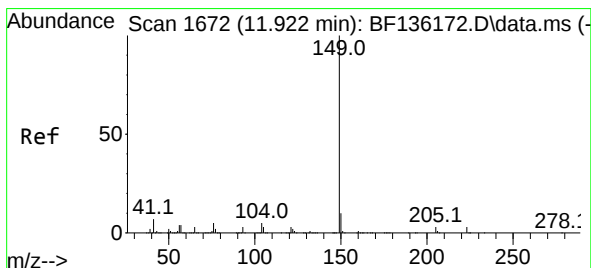
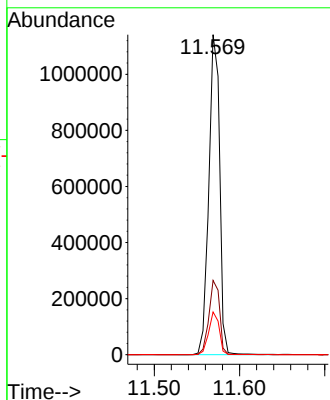
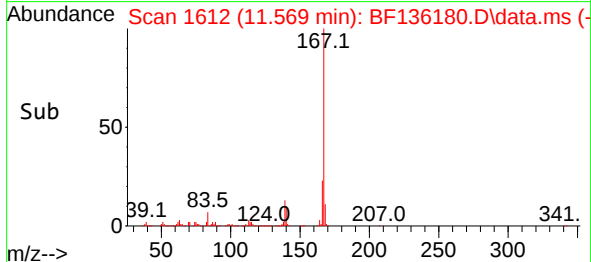
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



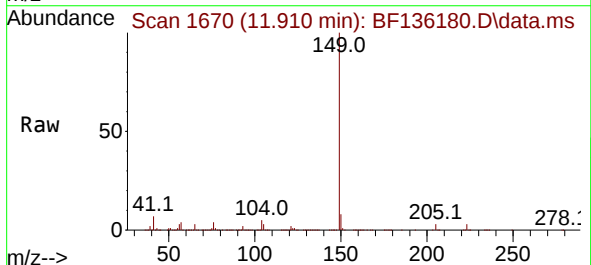
Tgt Ion:167 Resp: 1007081
 Ion Ratio Lower Upper
 167 100
 166 23.2 17.3 25.9
 139 13.4 10.7 16.1

Manual Integrations
 APPROVED

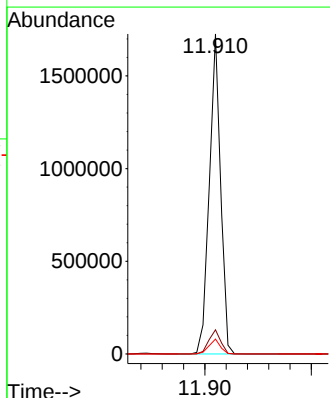
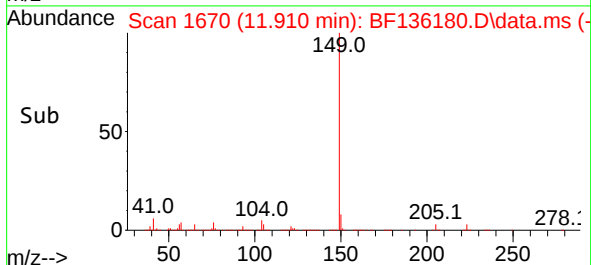
Reviewed By :Yogesh Patel 11/25/2023
 Supervised By :mohammad ahmed 11/27/2023

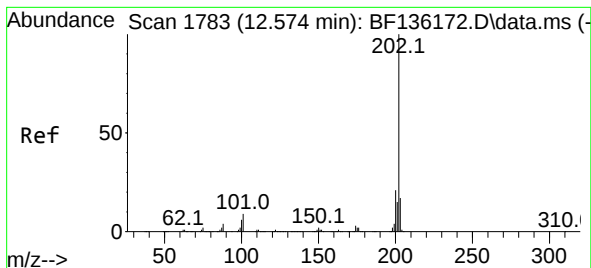


#74
 Di-n-butylphthalate
 Concen: 53.854 ng
 RT: 11.910 min Scan# 1670
 Delta R.T. 0.000 min
 Lab File: BF136180.D
 Acq: 24 Nov 2023 15:30



Tgt Ion:149 Resp: 1269444
 Ion Ratio Lower Upper
 149 100
 150 7.5 7.7 11.5#
 104 4.7 4.2 6.2





#75

Fluoranthene

Concen: 54.030 ng

RT: 12.557 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136180.D

Acq: 24 Nov 2023 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:202 Resp: 120198

Ion Ratio Lower Upper

202 100

101 8.1 0.0 28.6

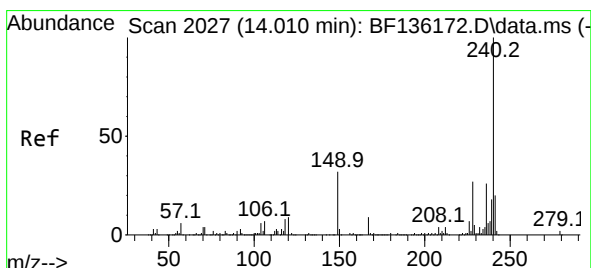
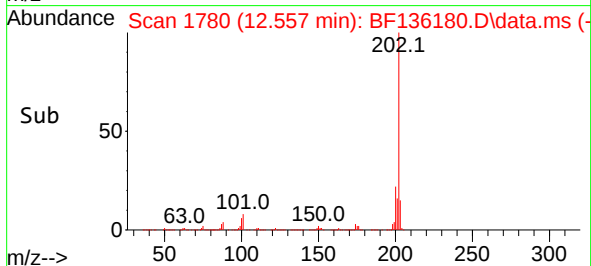
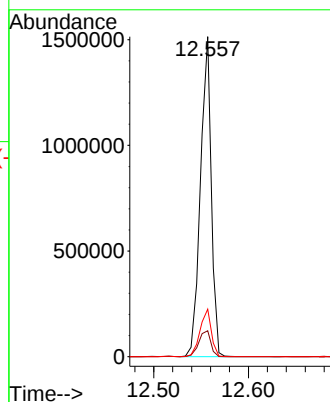
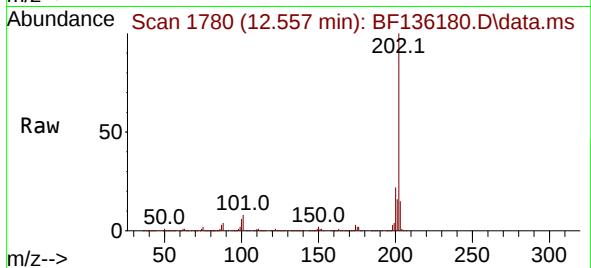
203 14.9 0.0 37.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/25/2023

Supervised By :mohammad ahmed 11/27/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF136180.D

Acq: 24 Nov 2023 15:30

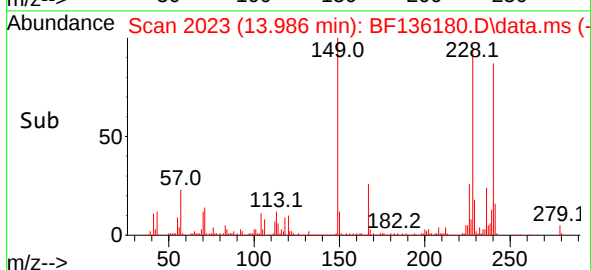
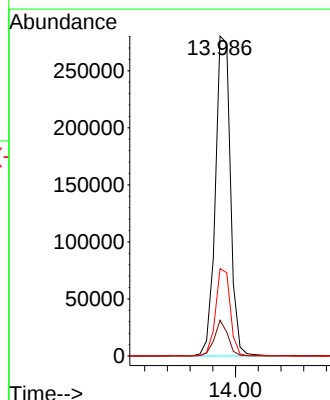
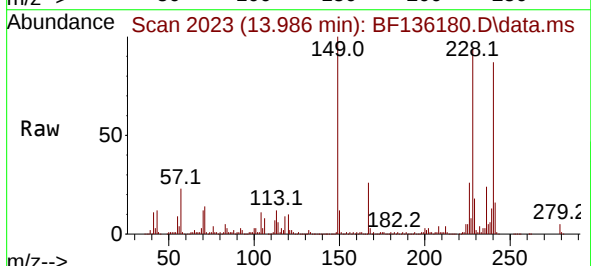
Tgt Ion:240 Resp: 258364

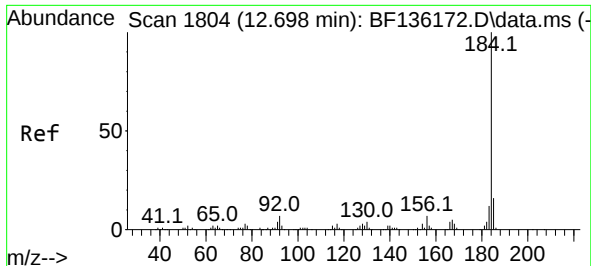
Ion Ratio Lower Upper

240 100

120 11.2 7.1 10.7#

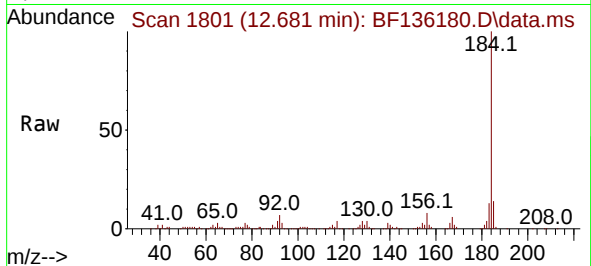
236 27.3 20.9 31.3





#77
Benzidine
Concen: 33.520 ng
RT: 12.681 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

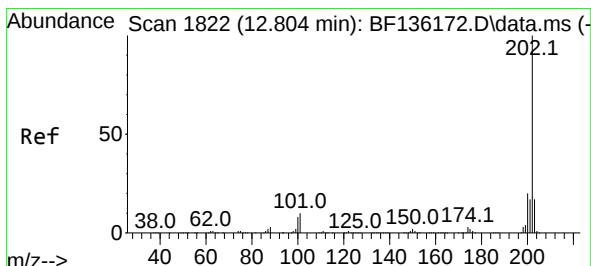
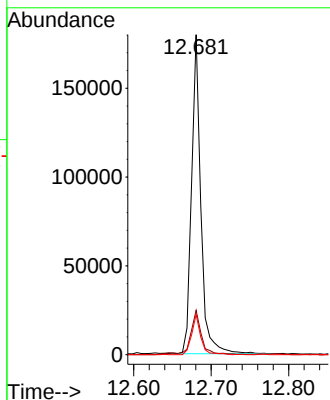
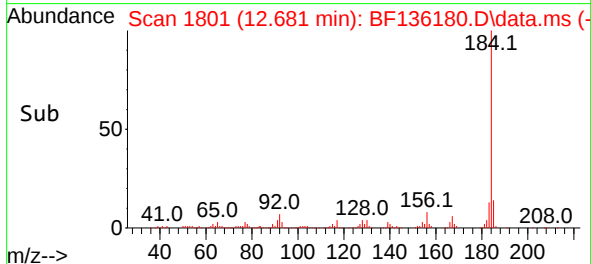
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



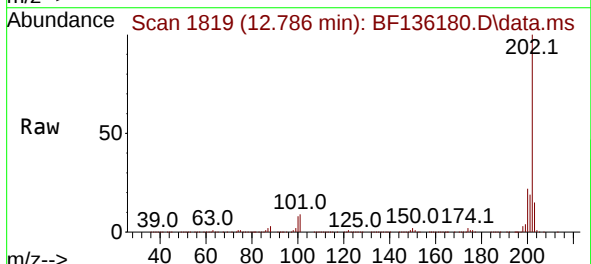
Tgt Ion:184 Resp: 149959
Ion Ratio Lower Upper
184 100
185 13.8 12.6 18.8
183 12.5 9.2 13.8

Manual Integrations
APPROVED

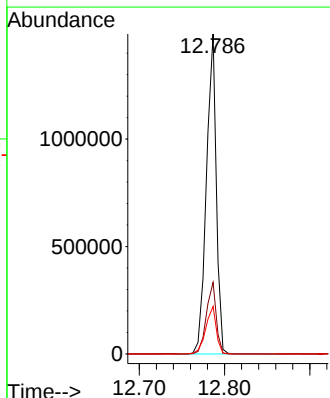
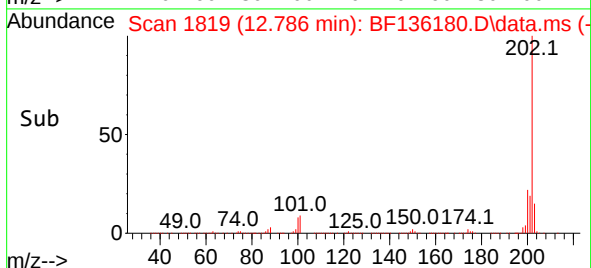
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023

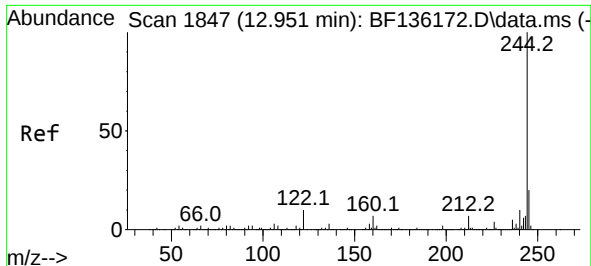


#78
Pyrene
Concen: 49.502 ng
RT: 12.786 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30



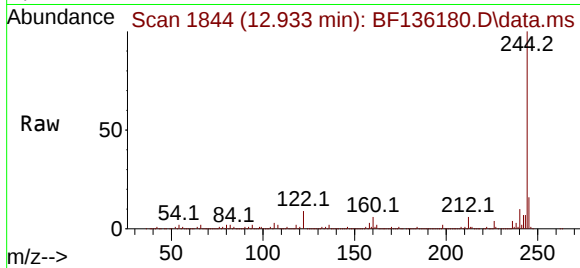
Tgt Ion:202 Resp: 1195960
Ion Ratio Lower Upper
202 100
200 22.3 16.2 24.2
203 14.8 13.6 20.4





#79
Terphenyl-d14
Concen: 107.197 ng
RT: 12.933 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

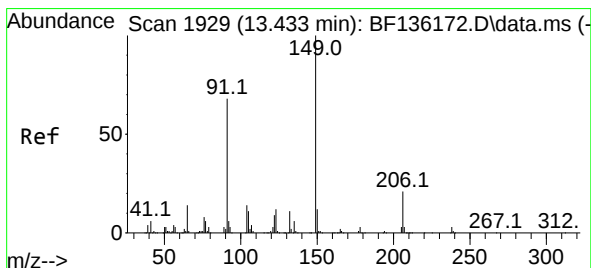
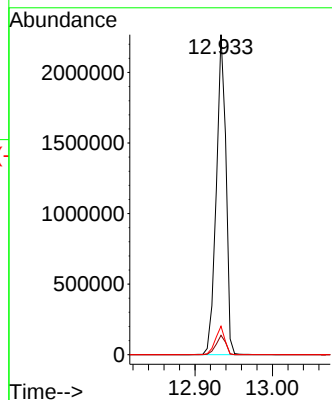
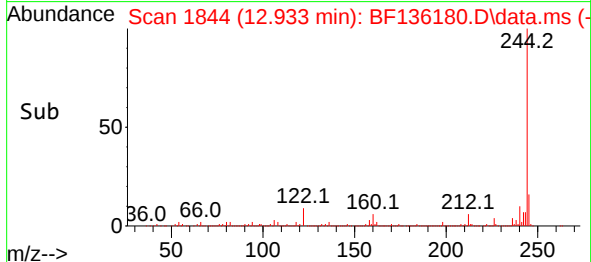
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



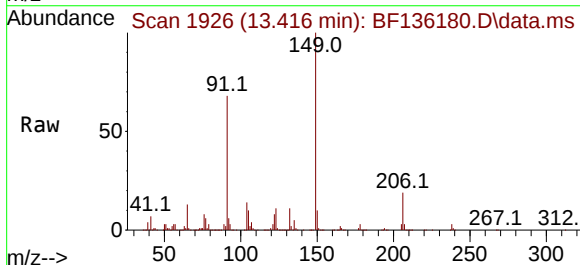
Tgt Ion:244 Resp: 1951132
Ion Ratio Lower Upper
244 100
212 6.1 5.4 8.0
122 8.9 8.1 12.1

Manual Integrations
APPROVED

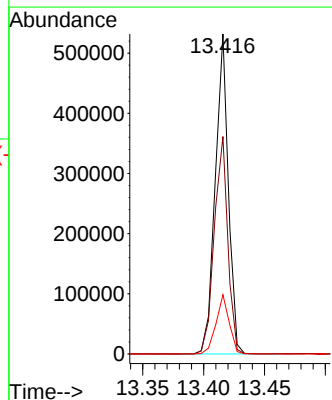
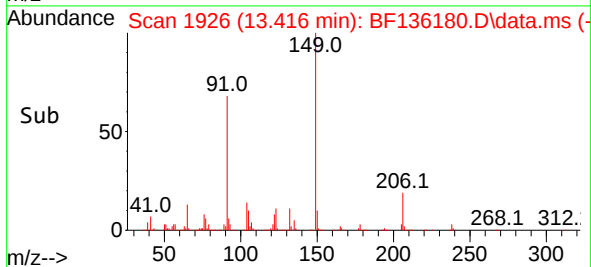
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023

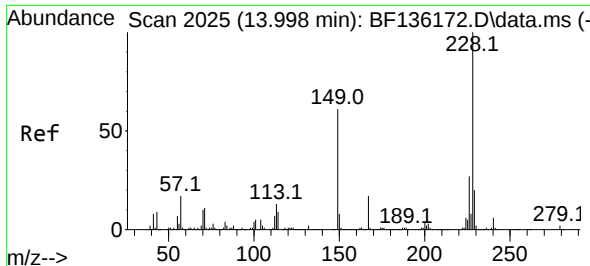


#80
Butylbenzylphthalate
Concen: 51.809 ng
RT: 13.416 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30



Tgt Ion:149 Resp: 398853
Ion Ratio Lower Upper
149 100
91 68.0 54.2 81.2
206 18.5 16.6 25.0





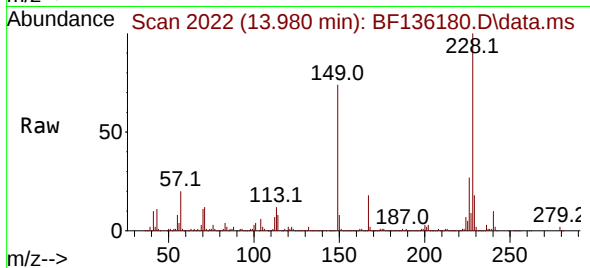
#81
Benzo(a)anthracene
Concen: 48.827 ng
RT: 13.980 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

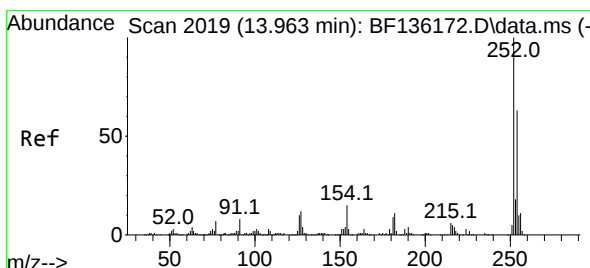
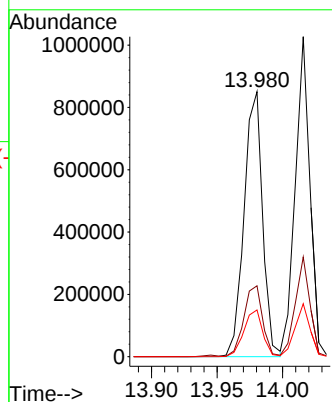
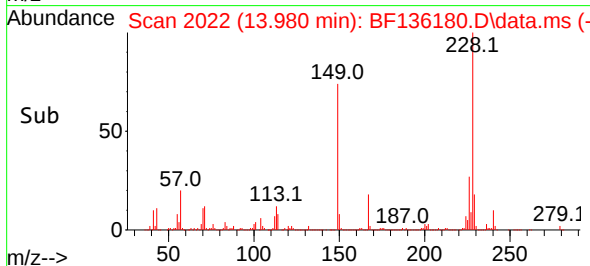


Tgt Ion:228 Resp: 836740
Ion Ratio Lower Upper
228 100
226 26.8 21.3 31.9
229 17.6 15.9 23.9

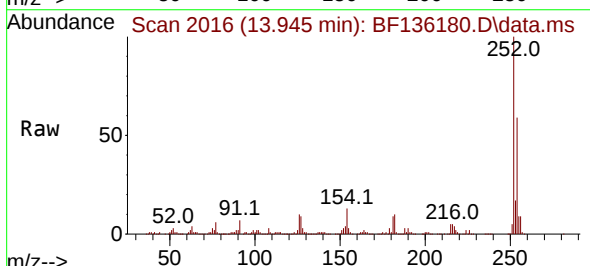
Manual Integrations

APPROVED

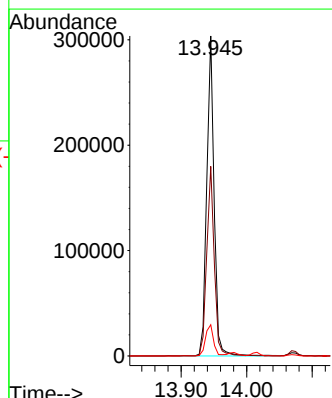
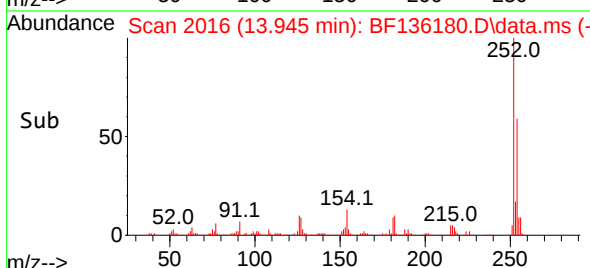
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023

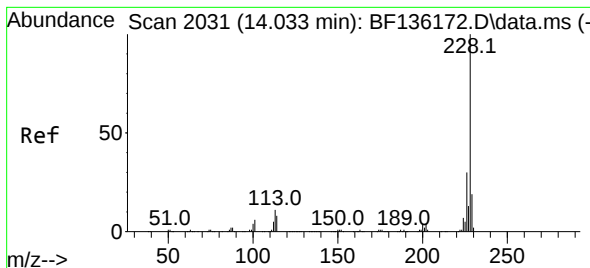


#82
3,3'-Dichlorobenzidine
Concen: 43.329 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30



Tgt Ion:252 Resp: 238371
Ion Ratio Lower Upper
252 100
254 59.3 50.7 76.1
126 9.8 8.2 12.2





#83

Chrysene

Concen: 47.731 ng

RT: 14.016 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF136180.D

Acq: 24 Nov 2023 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 800231

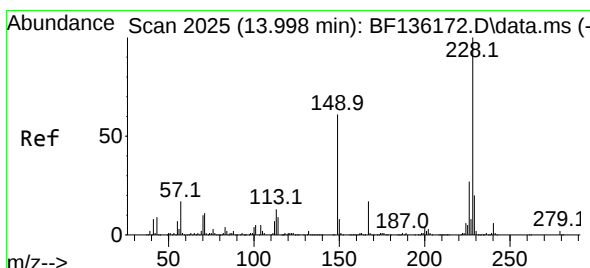
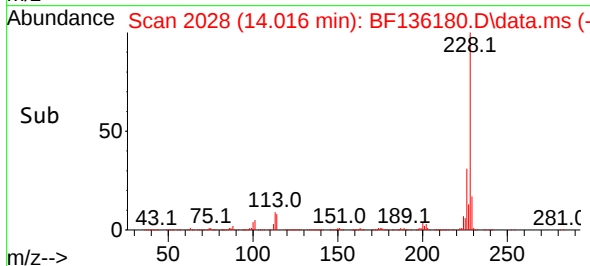
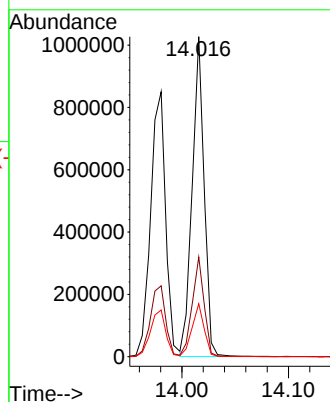
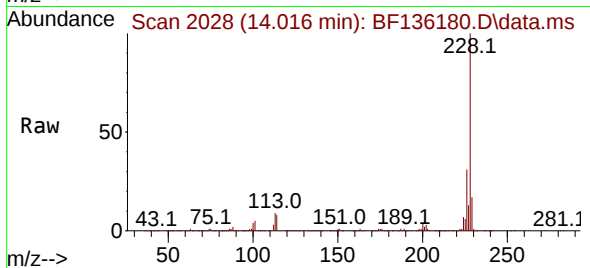
Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.8	35.6
229	16.5	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/25/2023

Supervised By :mohammad ahmed 11/27/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.189 ng

RT: 13.980 min Scan# 2022

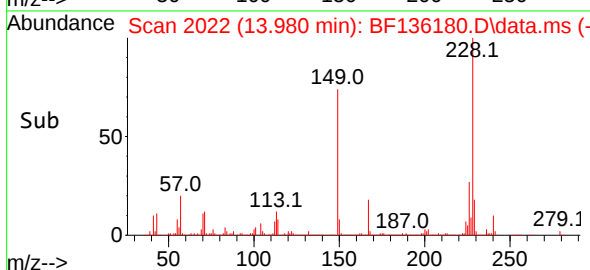
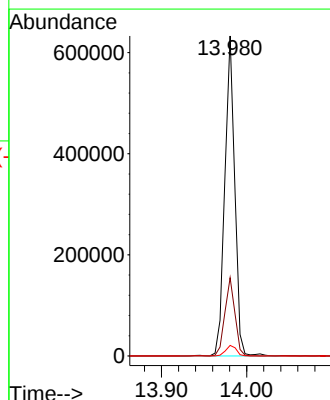
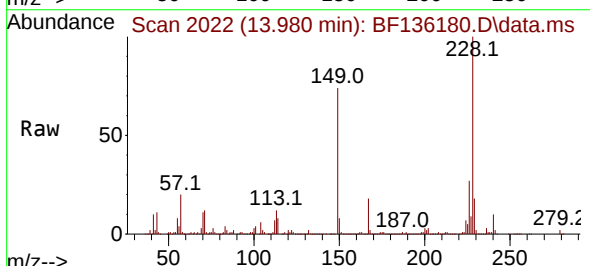
Delta R.T. 0.000 min

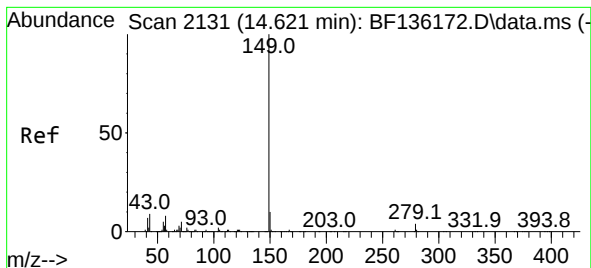
Lab File: BF136180.D

Acq: 24 Nov 2023 15:30

Tgt Ion:149 Resp: 512820

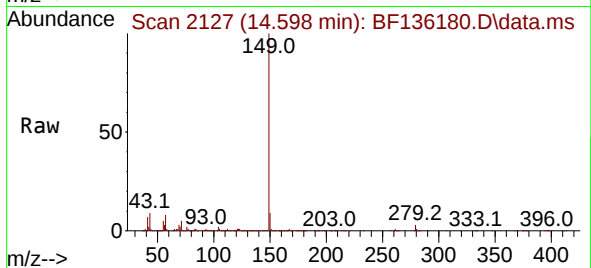
Ion	Ratio	Lower	Upper
149	100		
167	24.4	21.8	32.8
279	3.3	2.9	4.3





#85
Di-n-octyl phthalate
Concen: 45.780 ng
RT: 14.598 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

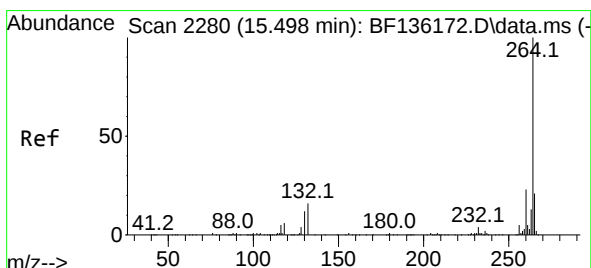
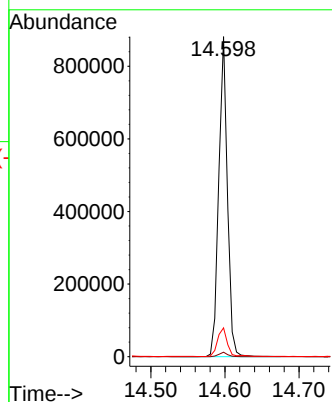
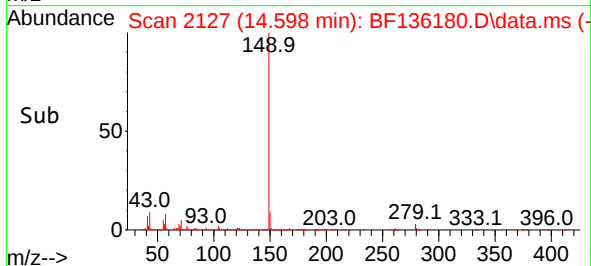
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



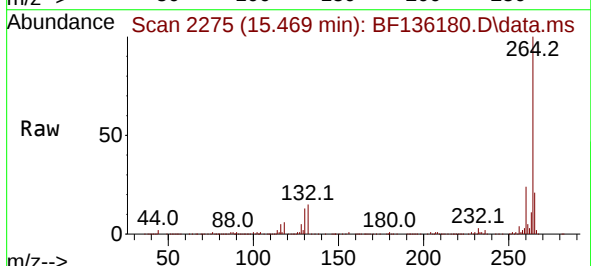
Tgt Ion:149 Resp: 712219
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 10.2 7.8 11.8

Manual Integrations
APPROVED

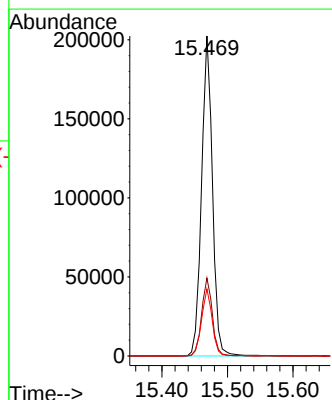
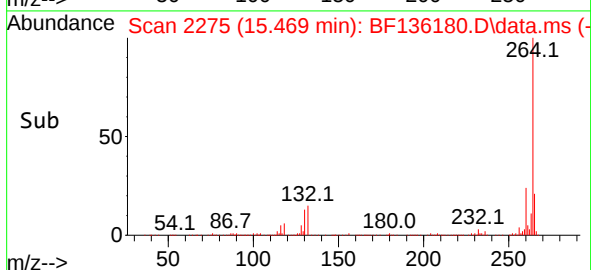
Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/27/2023

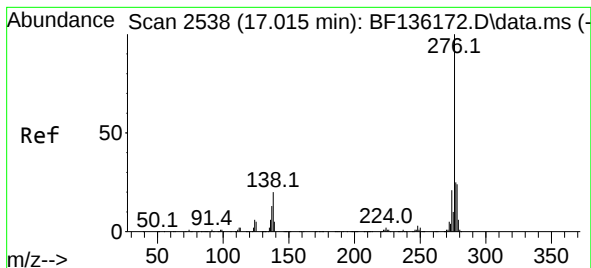


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.469 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30



Tgt Ion:264 Resp: 234011
Ion Ratio Lower Upper
264 100
260 24.3 18.5 27.7
265 21.0 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.545 ng

RT: 16.980 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136180.D

Acq: 24 Nov 2023 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 76376

Ion Ratio Lower Upper

276 100

138 21.1 17.7 26.5

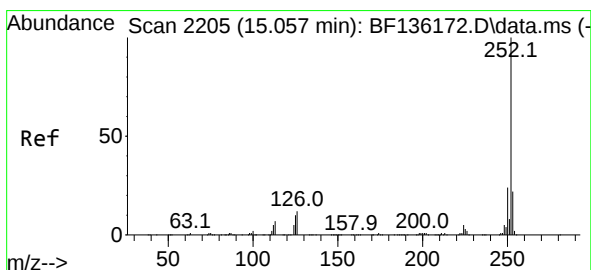
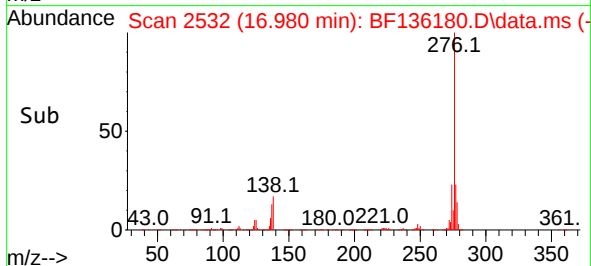
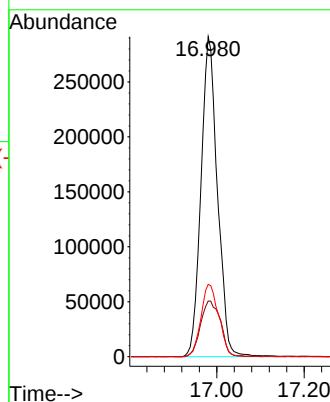
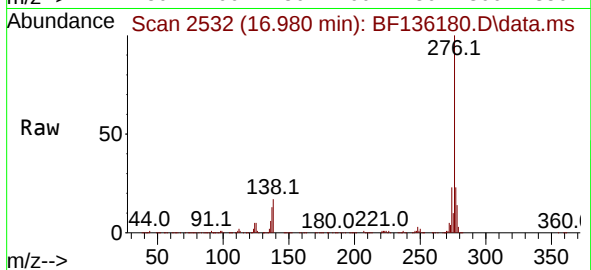
277 24.5 20.6 31.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/25/2023

Supervised By :mohammad ahmed 11/27/2023



#88

Benzo(b)fluoranthene

Concen: 50.214 ng

RT: 15.033 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF136180.D

Acq: 24 Nov 2023 15:30

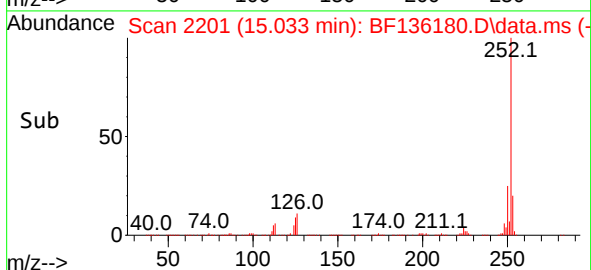
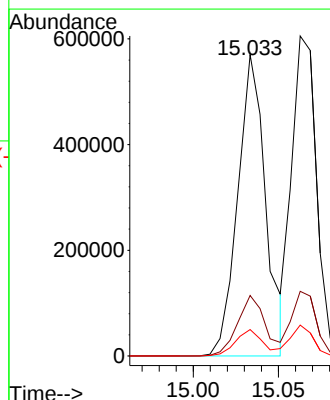
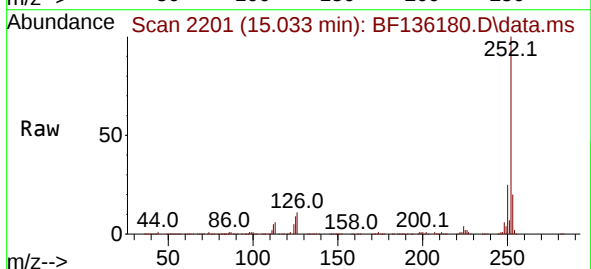
Tgt Ion:252 Resp: 648753

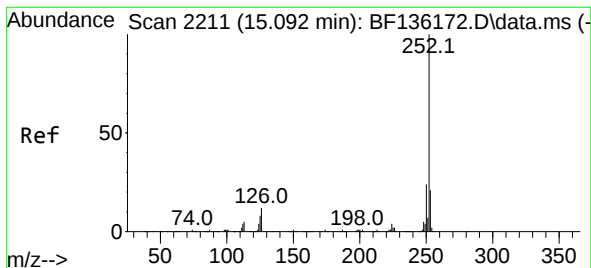
Ion Ratio Lower Upper

252 100

253 20.1 17.6 26.4

125 8.8 7.8 11.8





#89

Benzo(k)fluoranthene

Concen: 47.613 ng

RT: 15.063 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136180.D

Acq: 24 Nov 2023 15:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 61946

Ion Ratio Lower Upper

252 100

253 20.2 17.3 25.9

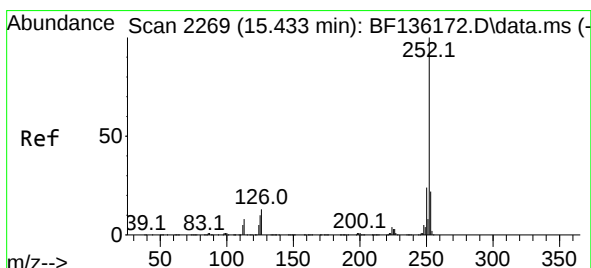
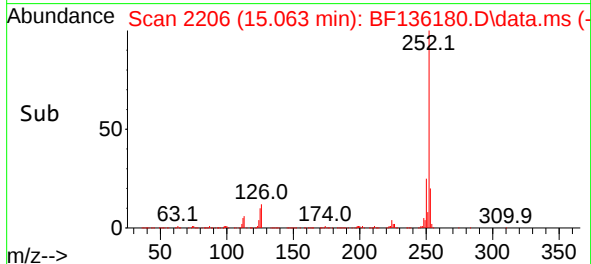
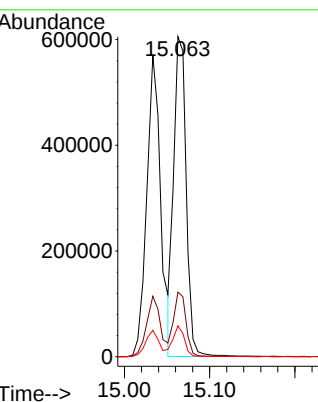
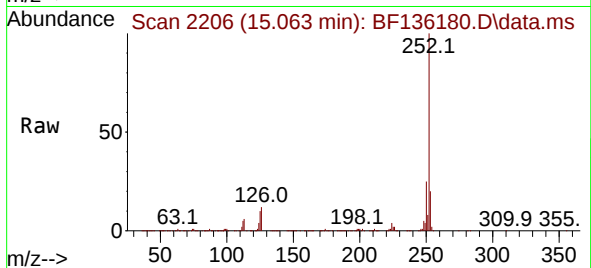
125 9.6 6.7 10.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/25/2023

Supervised By :mohammad ahmed 11/27/2023



#90

Benzo(a)pyrene

Concen: 47.716 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF136180.D

Acq: 24 Nov 2023 15:30

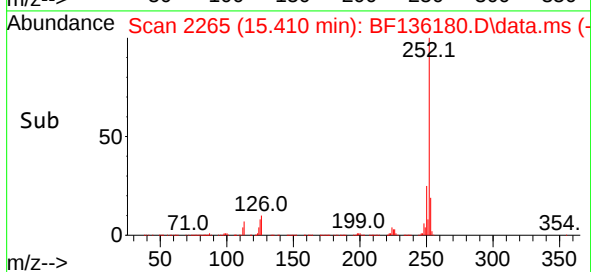
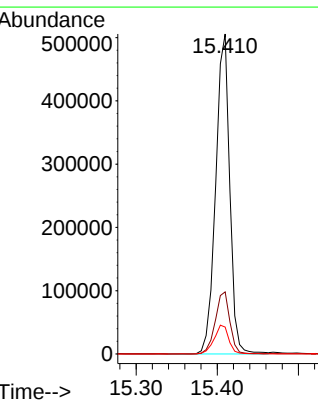
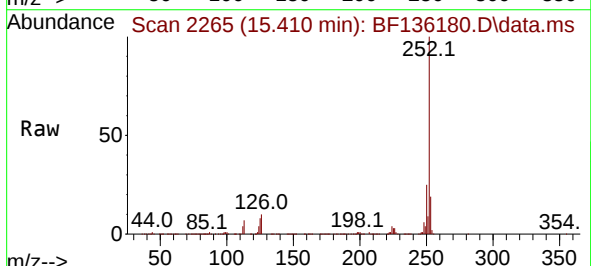
Tgt Ion:252 Resp: 608047

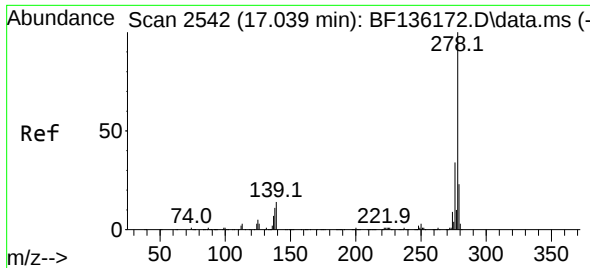
Ion Ratio Lower Upper

252 100

253 19.4 17.3 25.9

125 8.4 7.7 11.5





#91
Dibenzo(a,h)anthracene
Concen: 43.382 ng
RT: 17.004 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

Instrument :

BNA_F

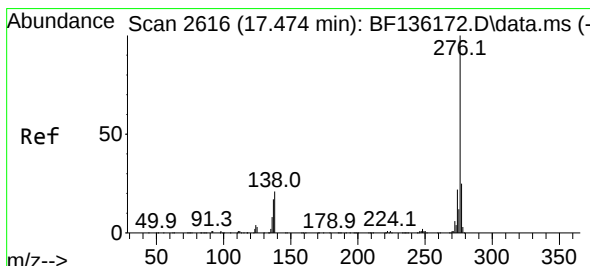
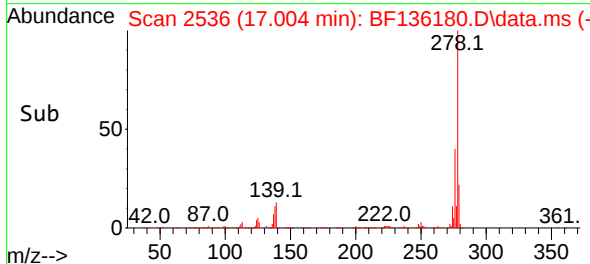
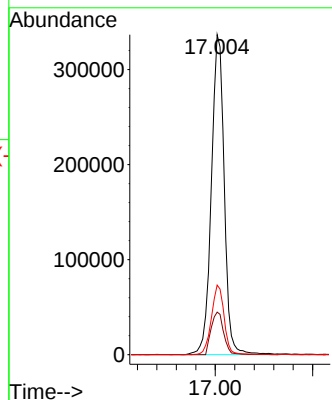
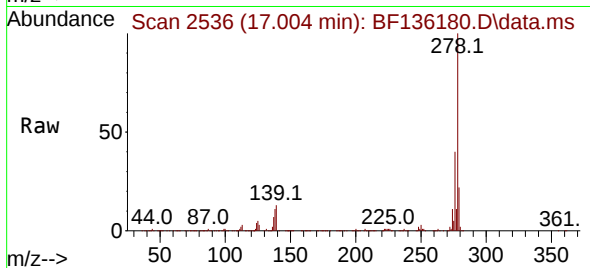
ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 61645
Ion Ratio Lower Upper
278 100
139 13.3 11.2 16.8
279 21.7 18.6 27.8

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 42.737 ng
RT: 17.439 min Scan# 2610
Delta R.T. 0.000 min
Lab File: BF136180.D
Acq: 24 Nov 2023 15:30

Tgt Ion:276 Resp: 615699
Ion Ratio Lower Upper
276 100
277 22.3 19.8 29.6
138 19.8 16.4 24.6

