

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
 Data File : BF135977.D
 Acq On : 27 Oct 2023 10:43
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/28/2023
 Supervised By :mohammad ahmed 10/28/2023

Quant Time: Oct 27 22:28:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	176153	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	677489	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	348261	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	644858	20.000	ng	0.00
76) Chrysene-d12	14.016	240	408476	20.000	ng	0.00
86) Perylene-d12	15.504	264	396175	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	909432	79.721	ng	0.00
7) Phenol-d6	6.457	99	1128698	79.474	ng	0.00
23) Nitrobenzene-d5	7.392	82	940616	89.121	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	297180	97.490	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1703870	78.341	ng	0.00
79) Terphenyl-d14	12.957	244	2035875	83.273	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.605	88	204225	38.539	ng	97
3) Pyridine	3.363	79	568189	38.847	ng	99
4) n-Nitrosodimethylamine	3.334	42	241611	37.885	ng	98
6) Aniline	6.498	93	744612	38.938	ng	97
8) 2-Chlorophenol	6.610	128	481152	40.743	ng	98
9) Benzaldehyde	6.381	77	308006	40.091	ng	97
10) Phenol	6.475	94	593676m	39.985	ng	
11) bis(2-Chloroethyl)ether	6.569	93	449466	38.892	ng	97
12) 1,3-Dichlorobenzene	6.769	146	487779	38.886	ng	98
13) 1,4-Dichlorobenzene	6.845	146	485722	38.555	ng	97
14) 1,2-Dichlorobenzene	6.998	146	452246	38.658	ng	99
15) Benzyl Alcohol	6.969	79	404993	40.339	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	635753	37.355	ng	98
17) 2-Methylphenol	7.075	107	411516	39.537	ng	98
18) Hexachloroethane	7.340	117	171790	40.103	ng	95
19) n-Nitroso-di-n-propyla...	7.245	70	313947	38.874	ng	97
20) 3+4-Methylphenols	7.234	107	499836	39.789	ng	93
22) Acetophenone	7.240	105	605821	39.592	ng	# 94
24) Nitrobenzene	7.410	77	478962	42.976	ng	97
25) Isophorone	7.651	82	871978	40.718	ng	97
26) 2-Nitrophenol	7.728	139	218008	53.010	ng	91
27) 2,4-Dimethylphenol	7.763	122	404587	41.453	ng	98
28) bis(2-Chloroethoxy)met...	7.863	93	528649	40.200	ng	99
29) 2,4-Dichlorophenol	7.963	162	386417	44.213	ng	98
30) 1,2,4-Trichlorobenzene	8.051	180	404863	40.913	ng	99
31) Naphthalene	8.134	128	1339012	40.880	ng	99
32) Benzoic acid	7.875	122	301463m	57.381	ng	
33) 4-Chloroaniline	8.181	127	596527	41.205	ng	98
34) Hexachlorobutadiene	8.251	225	228030	40.883	ng	99
35) Caprolactam	8.557	113	130933	45.018	ng	98
36) 4-Chloro-3-methylphenol	8.657	107	401967	43.278	ng	99
37) 2-Methylnaphthalene	8.822	142	884135	40.796	ng	100
38) 1-Methylnaphthalene	8.922	142	831692	41.071	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	395700	40.229	ng	100
41) Hexachlorocyclopentadiene	8.975	237	219169	45.188	ng	100
43) 2,4,6-Trichlorophenol	9.098	196	263099	45.700	ng	99

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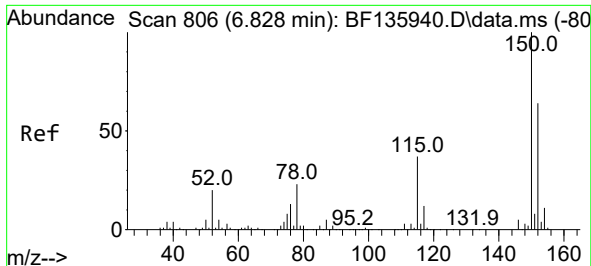
Manual Integrations
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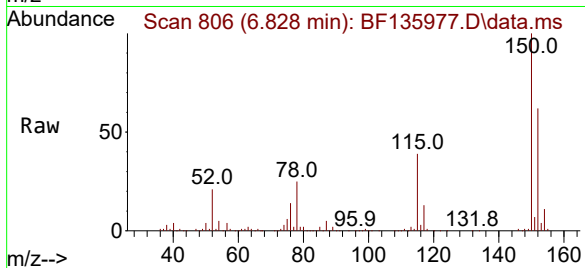
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	310844	45.475	ng	98
46) 1,1'-Biphenyl	9.292	154	1069734	40.537	ng	98
47) 2-Chloronaphthalene	9.316	162	792176	40.585	ng	99
48) 2-Nitroaniline	9.410	65	254443	47.821	ng	92
49) Acenaphthylene	9.728	152	1251624	40.646	ng	99
50) Dimethylphthalate	9.592	163	935449	41.420	ng	100
51) 2,6-Dinitrotoluene	9.651	165	209030	44.984	ng	94
52) Acenaphthene	9.904	154	823714	41.740	ng	99
53) 3-Nitroaniline	9.822	138	247460	44.533	ng	95
54) 2,4-Dinitrophenol	9.922	184	80868	59.205	ng	99
55) Dibenzofuran	10.075	168	1155118	40.517	ng	99
56) 4-Nitrophenol	9.975	139	191731	45.014	ng	97
57) 2,4-Dinitrotoluene	10.057	165	271778	47.028	ng	99
58) Fluorene	10.422	166	857319	40.195	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	243453	47.331	ng	98
60) Diethylphthalate	10.298	149	895881	41.598	ng	98
61) 4-Chlorophenyl-phenyle...	10.410	204	420322	40.853	ng	96
62) 4-Nitroaniline	10.439	138	245291	44.584	ng	91
63) Azobenzene	10.575	77	876544	40.106	ng	98
65) 4,6-Dinitro-2-methylph...	10.463	198	126118	55.738	ng	99
66) n-Nitrosodiphenylamine	10.533	169	803841	41.262	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	275350	41.694	ng	97
68) Hexachlorobenzene	10.969	284	293567	41.613	ng	# 88
69) Atrazine	11.063	200	216163	40.703	ng	100
70) Pentachlorophenol	11.157	266	199978	46.572	ng	99
71) Phenanthrene	11.386	178	1333472	40.873	ng	100
72) Anthracene	11.439	178	1393179	41.705	ng	100
73) Carbazole	11.592	167	1225725	41.132	ng	99
74) Di-n-butylphthalate	11.933	149	1355608	42.750	ng	99
75) Fluoranthene	12.580	202	1427050	41.577	ng	100
77) Benzidine	12.704	184	404668	51.378	ng	100
78) Pyrene	12.810	202	1447436	42.203	ng	99
80) Butylbenzylphthalate	13.439	149	537355	41.978	ng	95
81) Benzo(a)anthracene	14.004	228	1117383	40.231	ng	99
82) 3,3'-Dichlorobenzidine	13.969	252	377440	44.668	ng	100
83) Chrysene	14.045	228	1098177	40.597	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	596148	42.270	ng	99
85) Di-n-octyl phthalate	14.627	149	962358	43.316	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	1001075	44.563	ng	99
88) Benzo(b)fluoranthene	15.063	252	959729	40.706	ng	99
89) Benzo(k)fluoranthene	15.098	252	899528	38.847	ng	99
90) Benzo(a)pyrene	15.439	252	896925	41.276	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	824267	42.897	ng	98
92) Benzo(g,h,i)perylene	17.480	276	834407	38.961	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF135977.D
 Acq: 27 Oct 2023 10:43

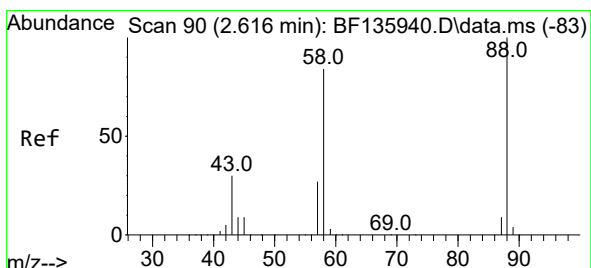
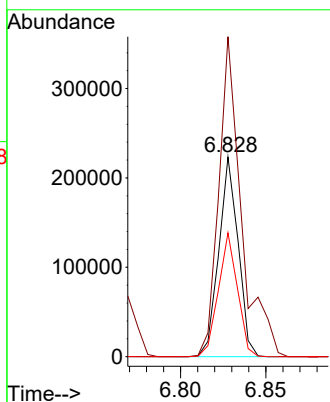
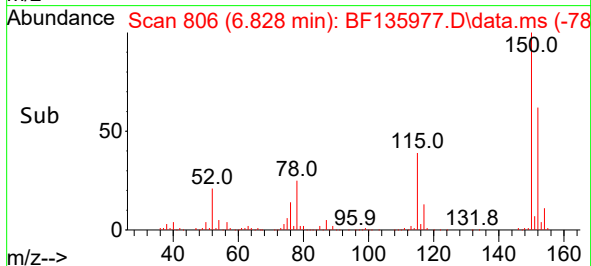
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



Tgt Ion:152 Resp: 17615
 Ion Ratio Lower Upper
 152 100
 150 160.3 124.6 186.8
 115 62.1 46.6 69.8

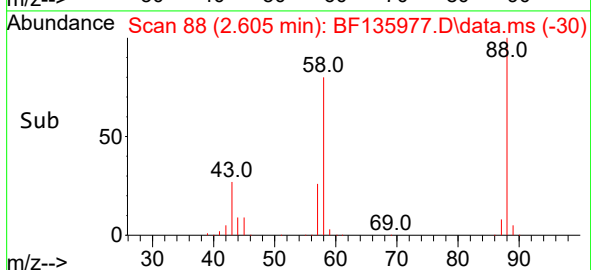
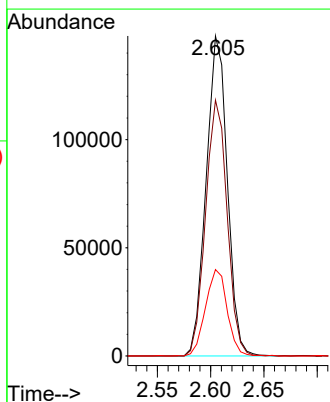
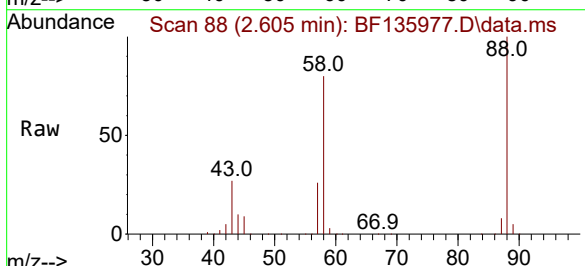
Manual Integrations
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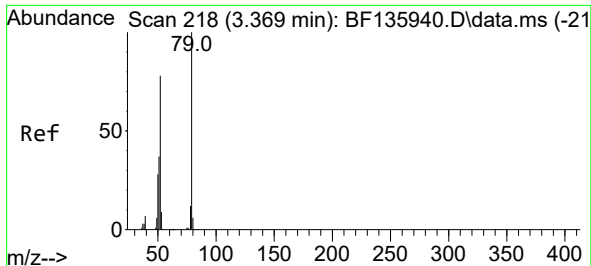
Reviewed By :Yogesh Patel 10/28/2023
 Supervised By :mohammad ahmed 10/28/2023



#2
 1,4-Dioxane
 Concen: 38.539 ng
 RT: 2.605 min Scan# 88
 Delta R.T. -0.012 min
 Lab File: BF135977.D
 Acq: 27 Oct 2023 10:43

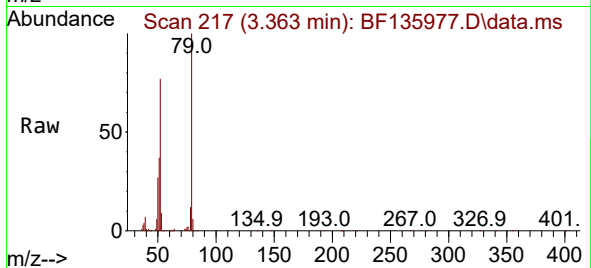
Tgt Ion: 88 Resp: 204225
 Ion Ratio Lower Upper
 88 100
 58 81.3 66.6 100.0
 43 27.7 23.8 35.8





#3
Pyridine
Concen: 38.847 ng
RT: 3.363 min Scan# 218
Delta R.T. -0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

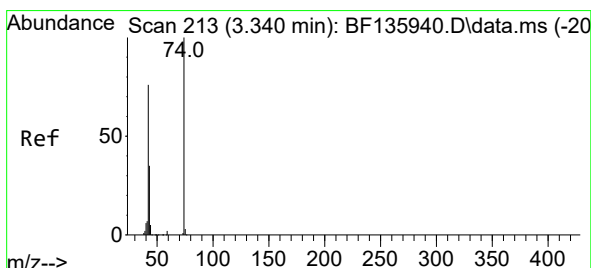
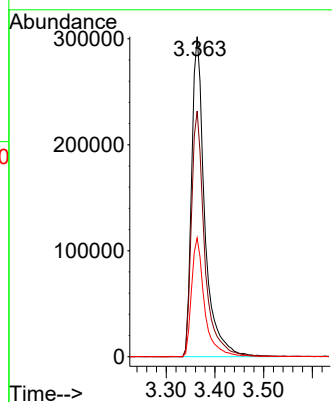
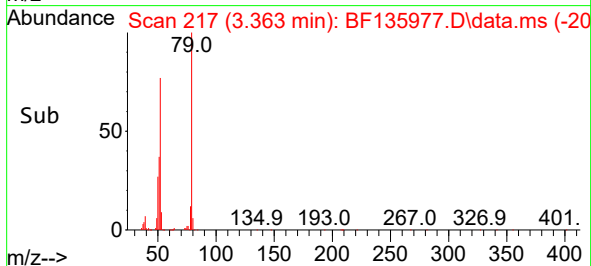
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 568189
Ion Ratio Lower Upper
79 100
52 76.7 62.6 93.8
51 37.1 29.8 44.8

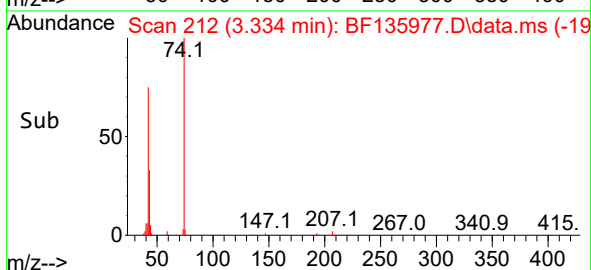
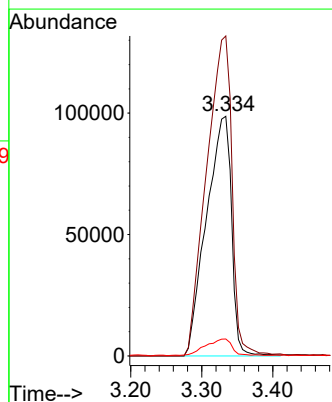
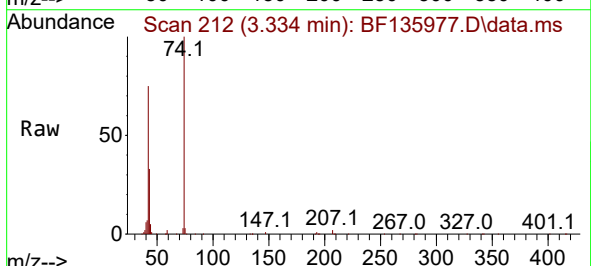
Manual Integrations
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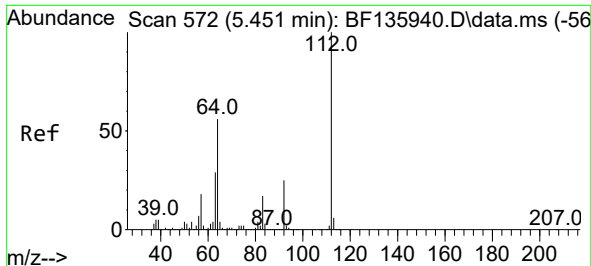
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023



#4
n-Nitrosodimethylamine
Concen: 37.885 ng
RT: 3.334 min Scan# 212
Delta R.T. -0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

Tgt Ion: 42 Resp: 241611
Ion Ratio Lower Upper
42 100
74 133.5 104.8 157.2
44 7.1 5.9 8.9





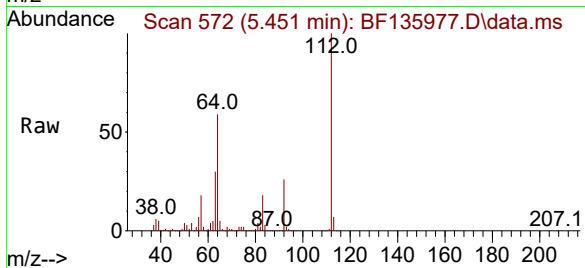
#5
2-Fluorophenol
Concen: 79.721 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



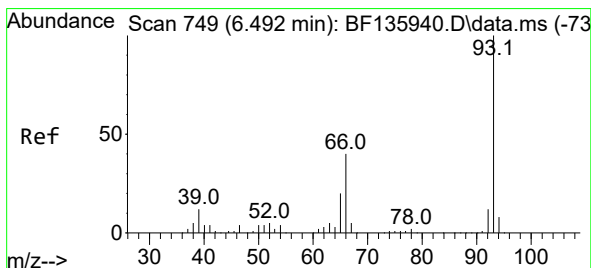
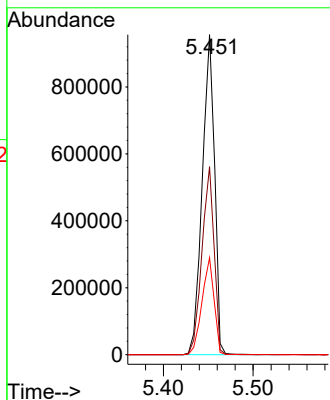
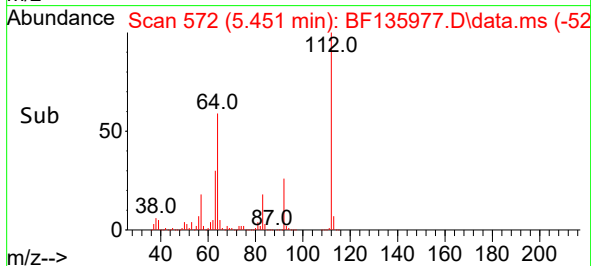
Tgt Ion:112 Resp: 909432
Ion Ratio Lower Upper
112 100
64 58.7 45.1 67.7
63 30.3 23.0 34.4

Manual Integrations

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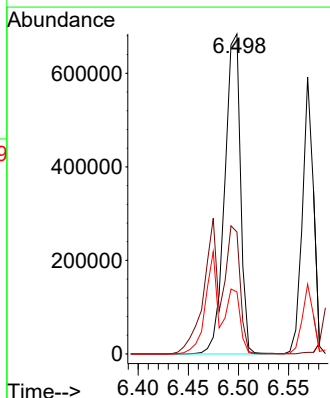
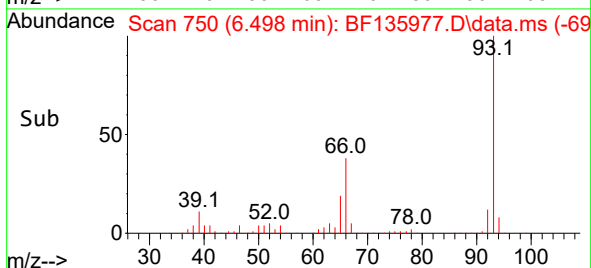
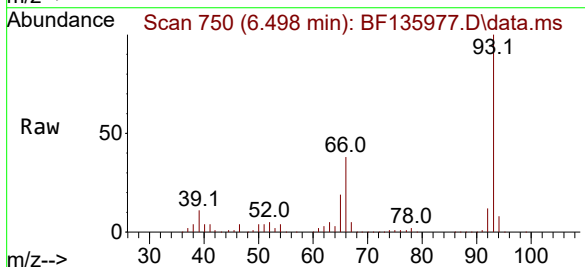
Reviewed By :Yogesh Patel 10/28/2023

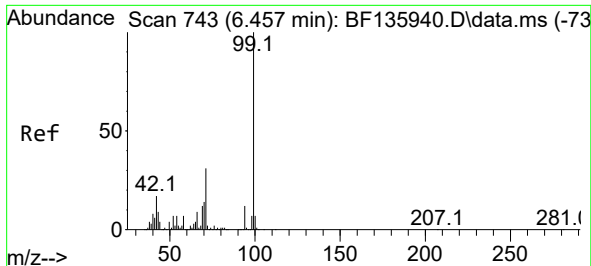
Supervised By :mohammad ahmed 10/28/2023



#6
Aniline
Concen: 38.938 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

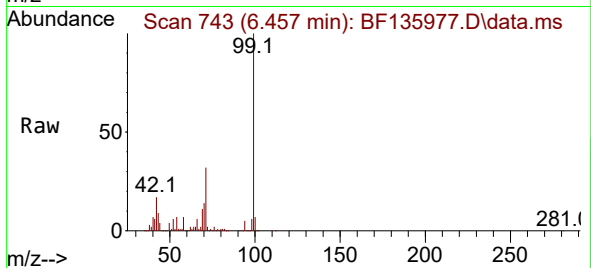
Tgt Ion: 93 Resp: 744612
Ion Ratio Lower Upper
93 100
66 38.1 32.0 48.0
65 19.4 16.2 24.4





#7
Phenol-d6
Concen: 79.474 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

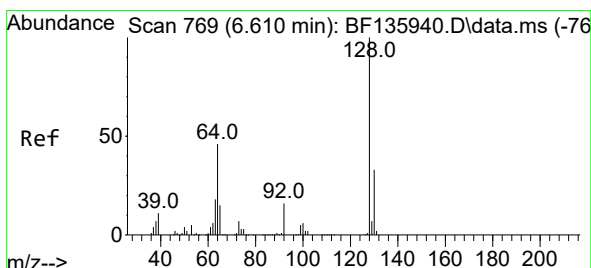
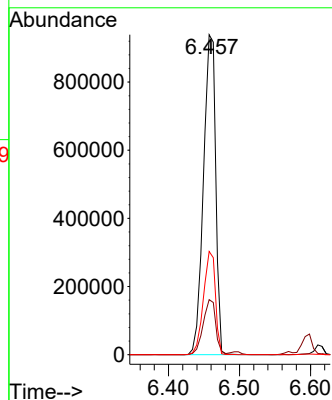
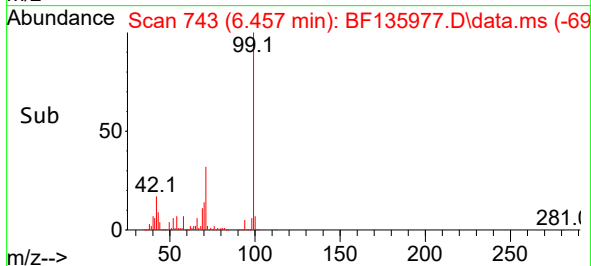
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 99 Resp: 112869
Ion Ratio Lower Upper
99 100
42 17.2 13.8 20.8
71 32.3 25.1 37.7

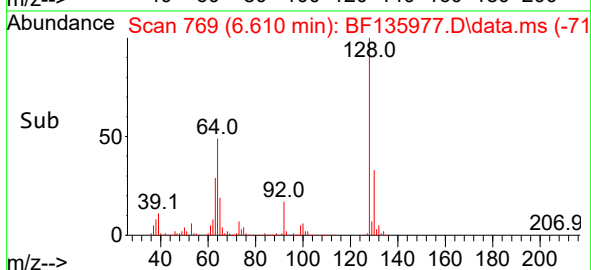
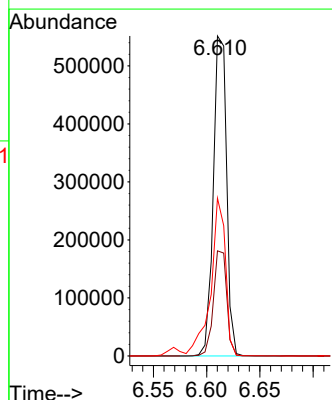
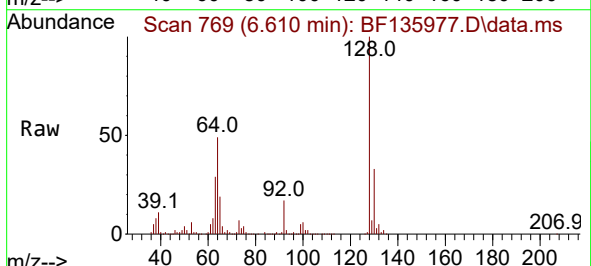
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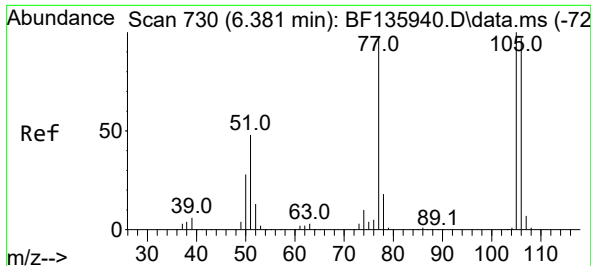
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023



#8
2-Chlorophenol
Concen: 40.743 ng
RT: 6.610 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

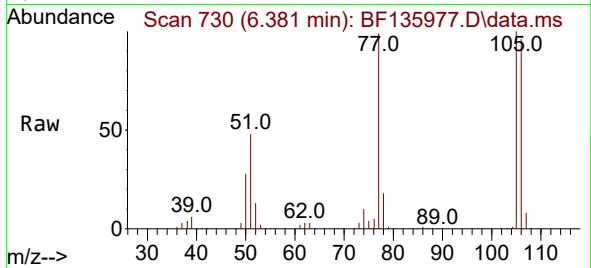
Tgt Ion:128 Resp: 481152
Ion Ratio Lower Upper
128 100
130 32.8 13.1 53.1
64 49.3 27.0 67.0





#9
Benzaldehyde
Concen: 40.091 ng
RT: 6.381 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

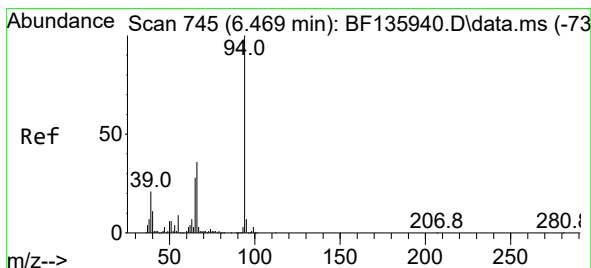
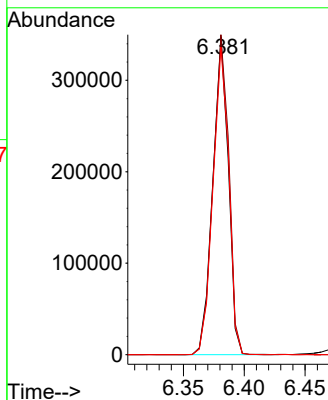
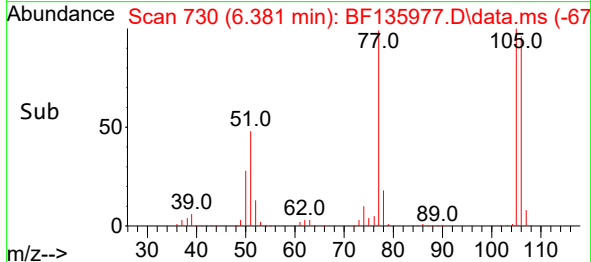
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



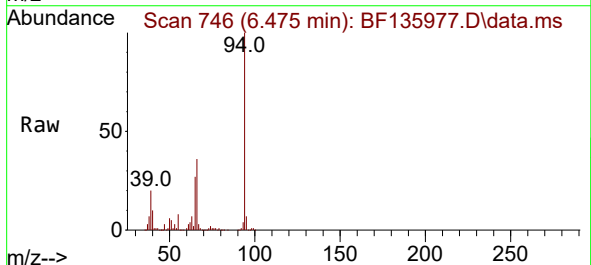
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Ion Ratio Lower Upper
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105 100.6 83.2 123.2
106 96.7 80.0 120.0

Manual Integrations
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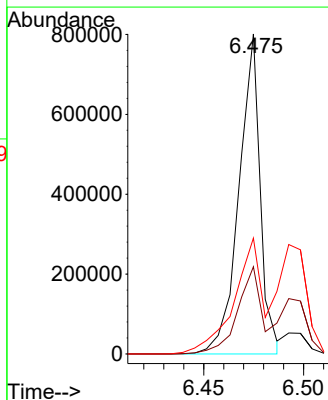
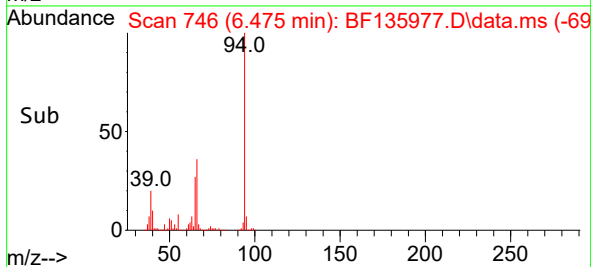
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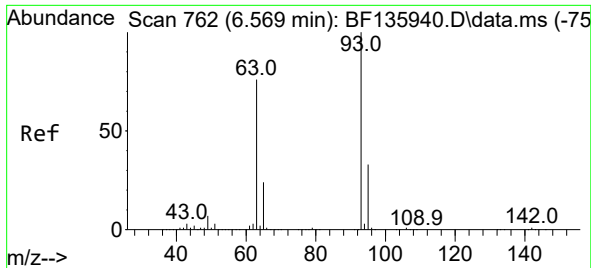


#10
Phenol
Concen: 39.985 ng m
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43



Tgt Ion: 94 Resp: 593676
Ion Ratio Lower Upper
94 100
65 27.3 7.8 47.8
66 36.2 16.5 56.5





#11
bis(2-Chloroethyl)ether
Concen: 38.892 ng
RT: 6.569 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

Instrument :

BNA_F

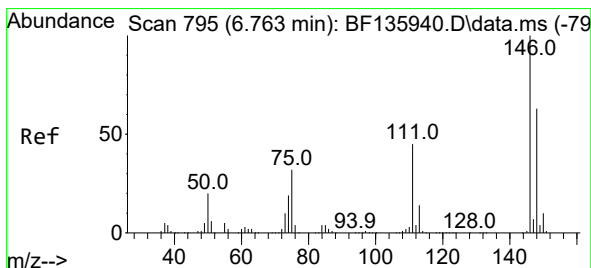
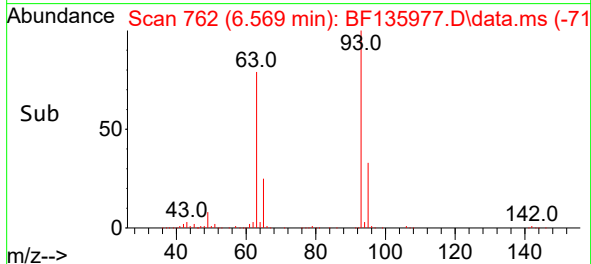
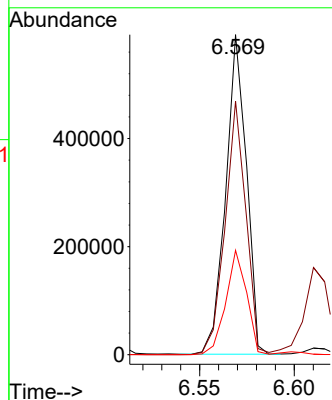
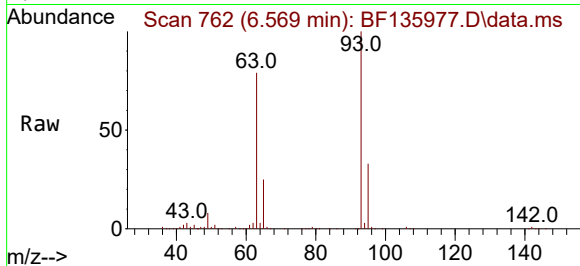
ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 449460
Ion Ratio Lower Upper
93 100
63 79.2 56.2 96.2
95 32.6 12.9 52.9

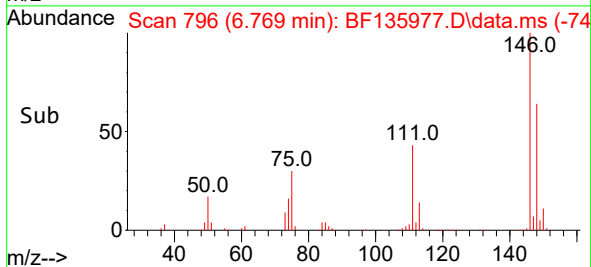
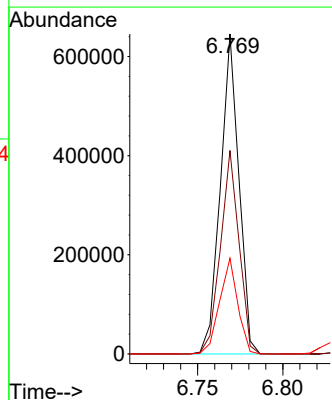
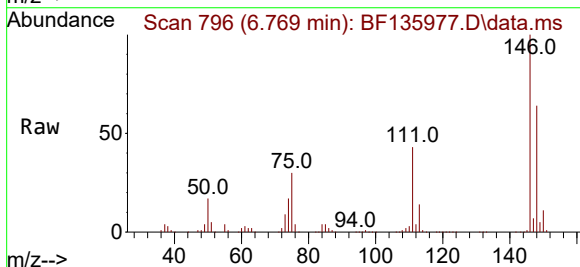
Manual Integrations
APPROVED

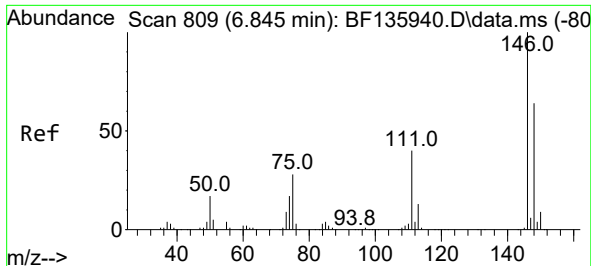
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023



#12
1,3-Dichlorobenzene
Concen: 38.886 ng
RT: 6.769 min Scan# 796
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

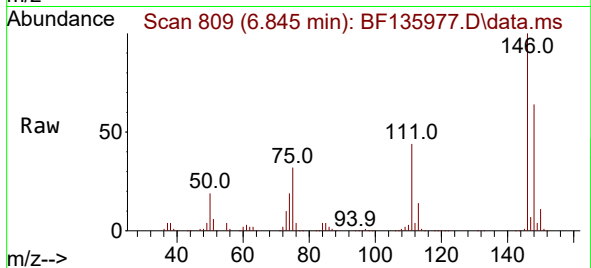
Tgt Ion:146 Resp: 487779
Ion Ratio Lower Upper
146 100
148 63.6 50.2 75.4
75 29.9 25.9 38.9





#13
1,4-Dichlorobenzene
Concen: 38.555 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

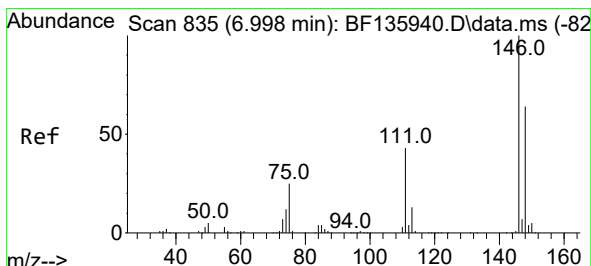
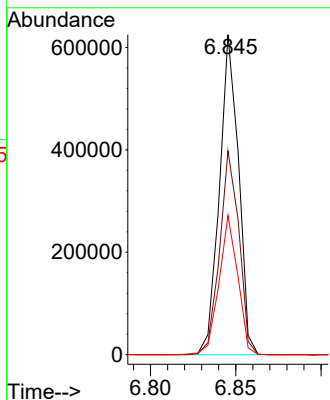
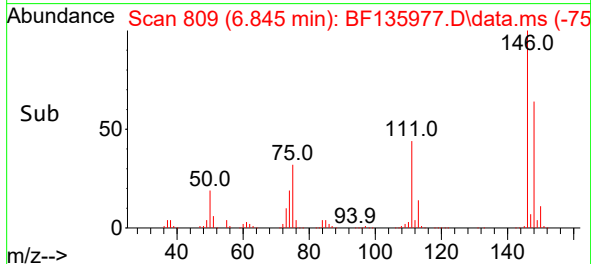
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



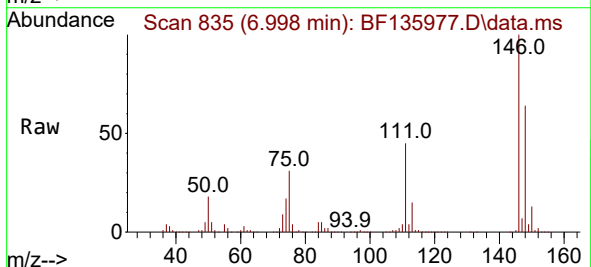
Tgt Ion:146 Resp: 485722
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.2
111 43.5 31.8 47.8

Manual Integrations
APPROVED

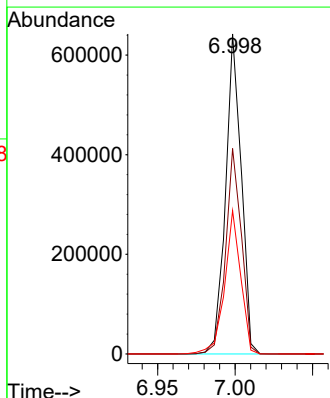
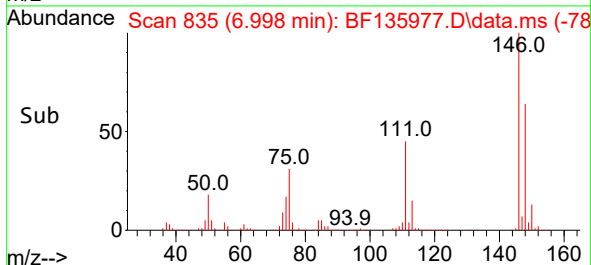
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023

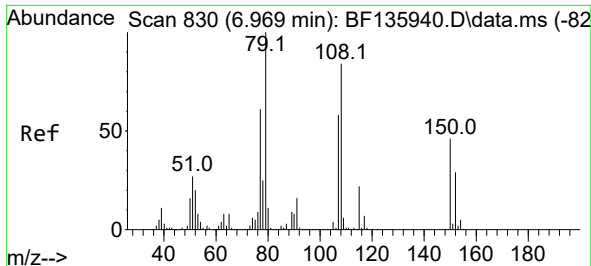


#14
1,2-Dichlorobenzene
Concen: 38.658 ng
RT: 6.998 min Scan# 835
Delta R.T. 0.000 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43



Tgt Ion:146 Resp: 452246
Ion Ratio Lower Upper
146 100
148 64.2 51.4 77.0
111 44.8 34.2 51.4





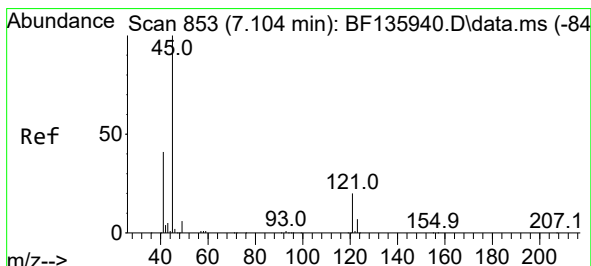
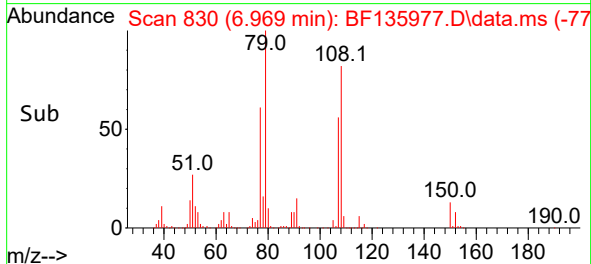
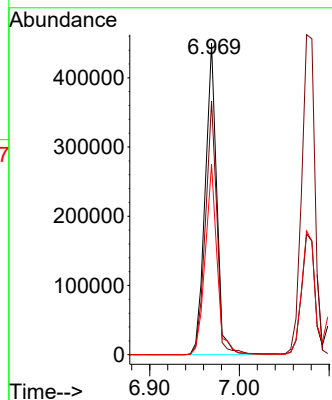
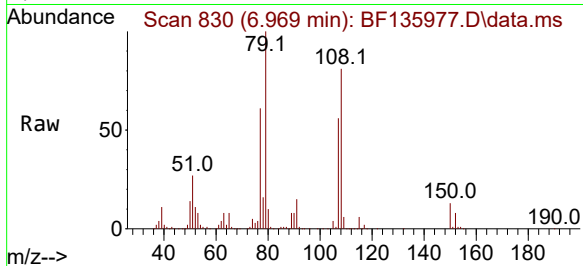
#15
Benzyl Alcohol
Concen: 40.339 ng
RT: 6.969 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 40499
Ion Ratio Lower Upper
79 100
108 81.5 67.2 100.8
77 61.2 49.0 73.6

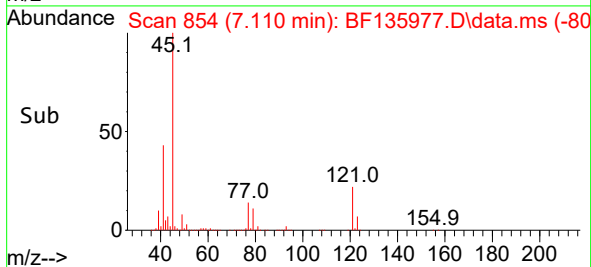
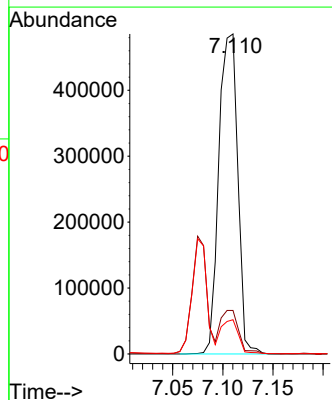
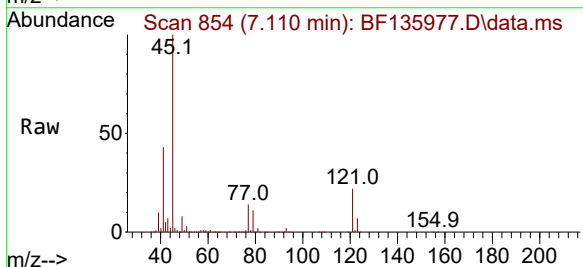
Manual Integrations
APPROVED

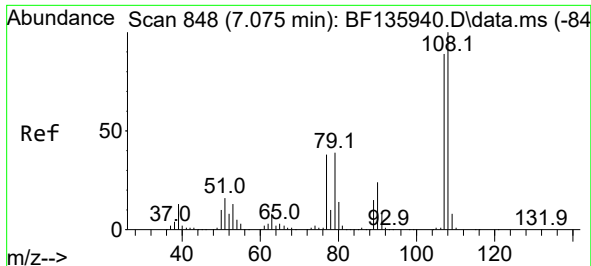
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.355 ng
RT: 7.110 min Scan# 854
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

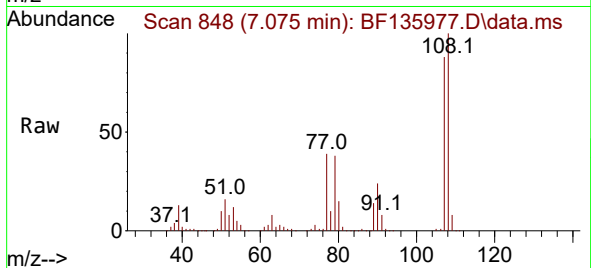
Tgt Ion: 45 Resp: 635753
Ion Ratio Lower Upper
45 100
77 13.6 0.0 33.2
79 10.7 0.0 29.8





#17
2-Methylphenol
Concen: 39.537 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

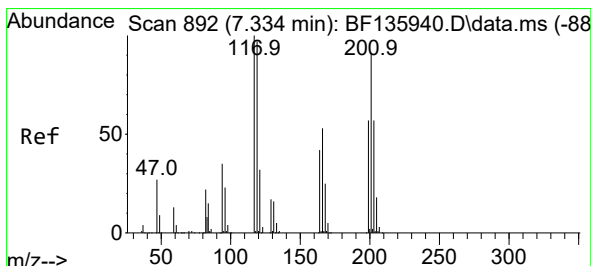
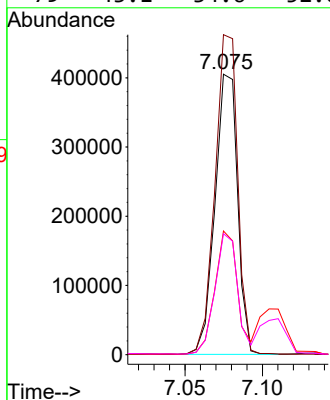
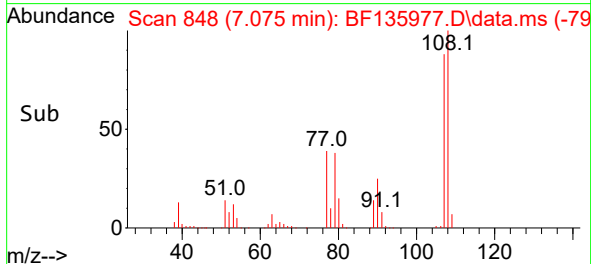
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:107 Resp: 411510
Ion Ratio Lower Upper
107 100
108 114.1 89.8 134.6
77 44.1 34.2 51.2
79 43.1 34.6 52.0

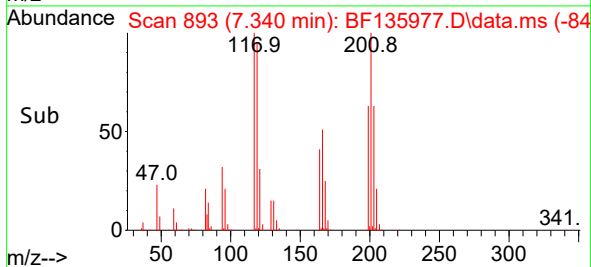
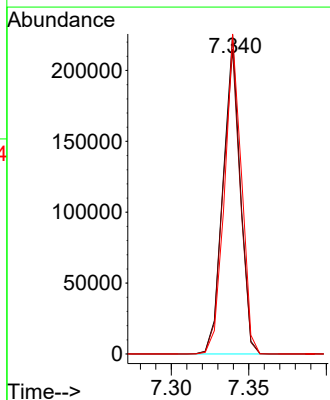
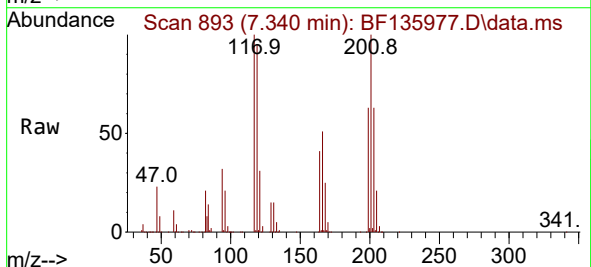
Manual Integrations
APPROVED

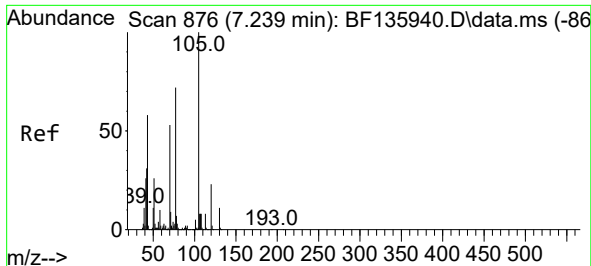
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023



#18
Hexachloroethane
Concen: 40.103 ng
RT: 7.340 min Scan# 893
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

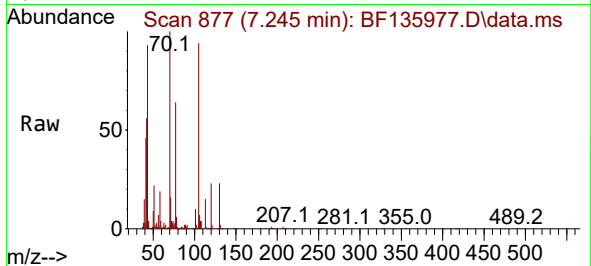
Tgt Ion:117 Resp: 171790
Ion Ratio Lower Upper
117 100
119 95.5 77.3 115.9
201 100.2 72.8 109.2





#19
n-Nitroso-di-n-propylamine
Concen: 38.874 ng
RT: 7.245 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

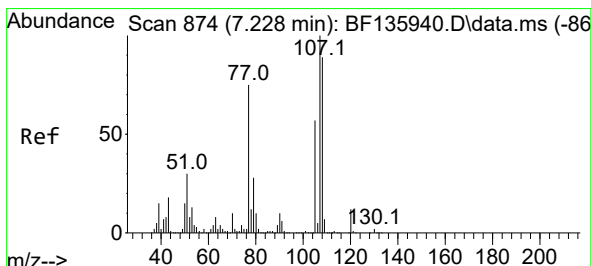
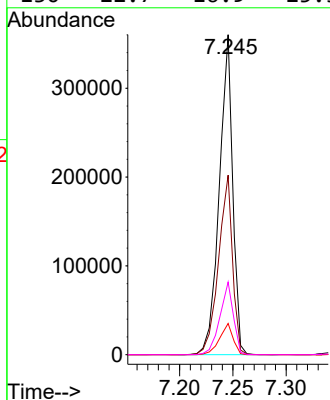
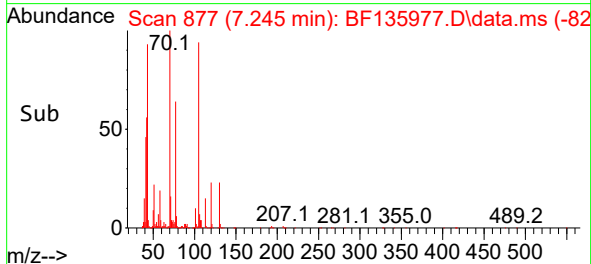
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



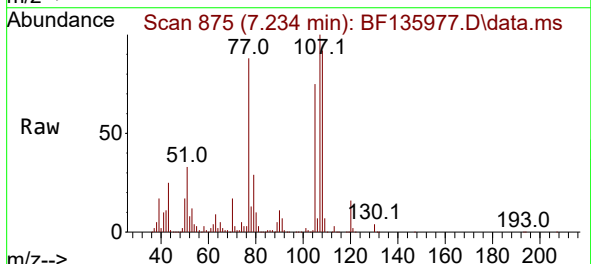
Tgt Ion: 70 Resp: 31394
Ion Ratio Lower Upper
70 100
42 56.1 47.3 70.9
101 9.8 7.8 11.8
130 22.7 16.9 25.3

Manual Integrations
APPROVED

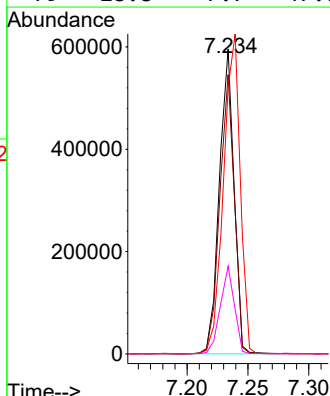
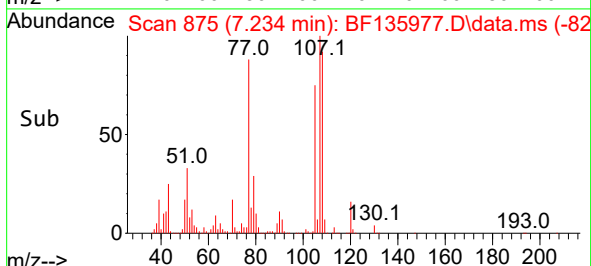
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023

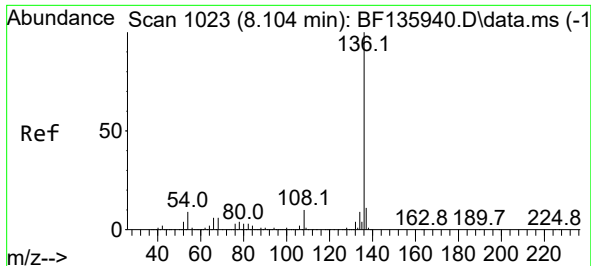


#20
3+4-Methylphenols
Concen: 39.789 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43



Tgt Ion:107 Resp: 499836
Ion Ratio Lower Upper
107 100
108 91.7 69.1 109.1
77 87.5 55.0 95.0
79 28.8 7.7 47.7





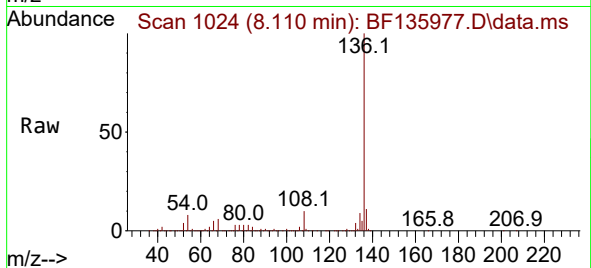
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1023
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

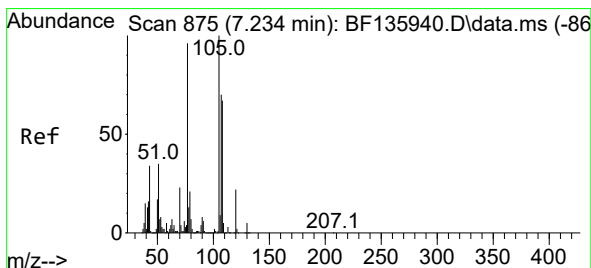
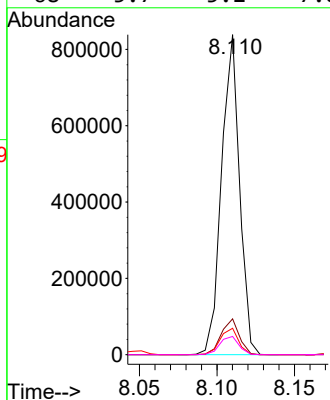
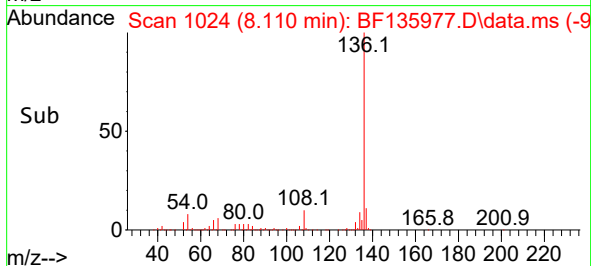


Tgt Ion:136 Resp: 677489
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 8.3 7.1 10.7
68 5.7 5.2 7.8

Manual Integrations

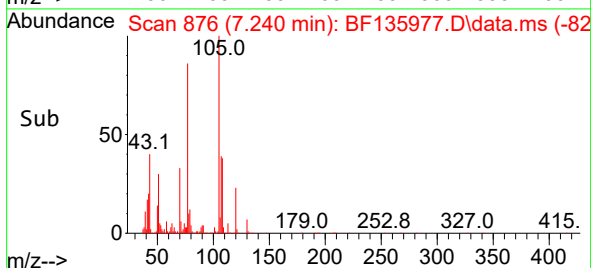
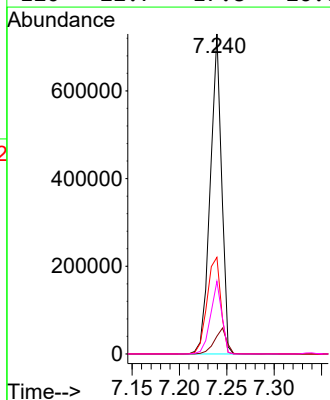
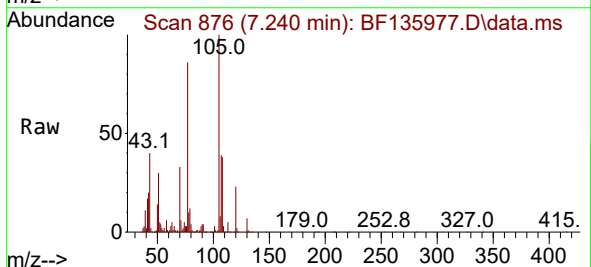
APPROVED

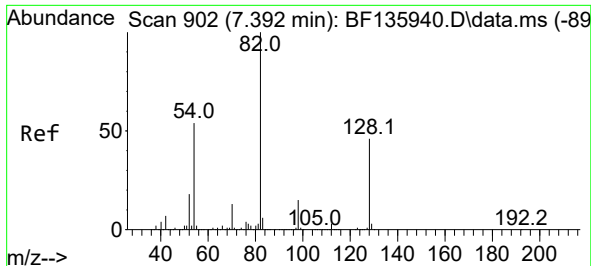
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023



#22
Acetophenone
Concen: 39.592 ng
RT: 7.240 min Scan# 876
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

Tgt Ion:105 Resp: 605821
Ion Ratio Lower Upper
105 100
71 5.6 3.4 5.2#
51 30.2 28.4 42.6
120 22.7 17.8 26.6





#23

Nitrobenzene-d5

Concen: 89.121 ng

RT: 7.392 min Scan# 902

Delta R.T. 0.000 min

Lab File: BF135977.D

Acq: 27 Oct 2023 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 940610

Ion Ratio Lower Upper

82 100

128 45.6 36.8 55.2

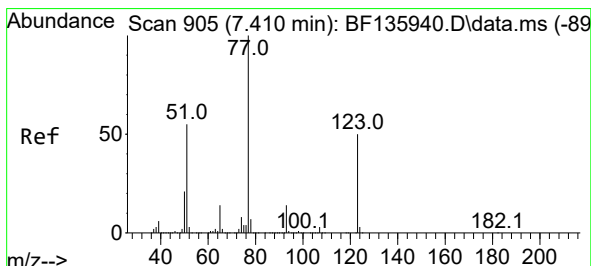
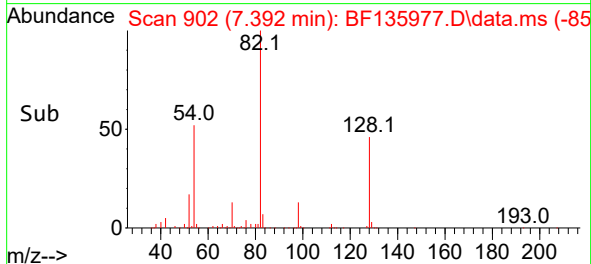
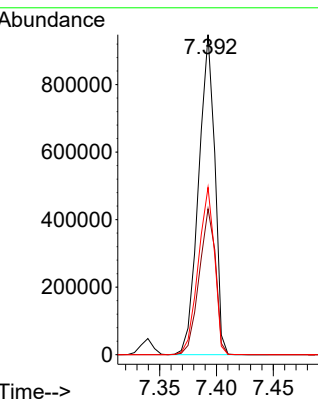
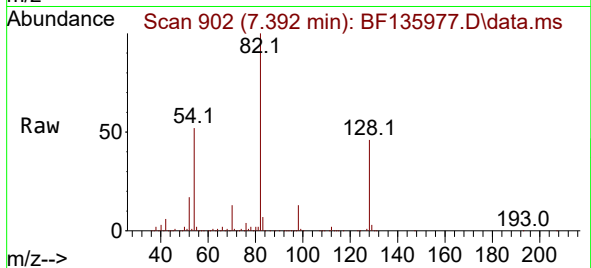
54 52.3 43.4 65.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/28/2023

Supervised By :mohammad ahmed 10/28/2023



#24

Nitrobenzene

Concen: 42.976 ng

RT: 7.410 min Scan# 905

Delta R.T. 0.000 min

Lab File: BF135977.D

Acq: 27 Oct 2023 10:43

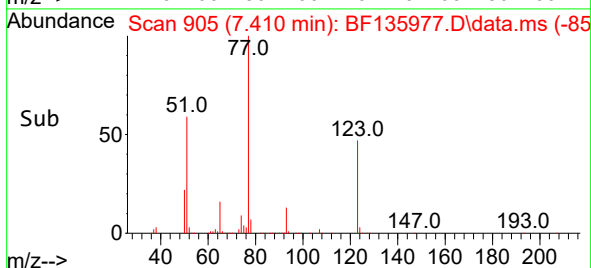
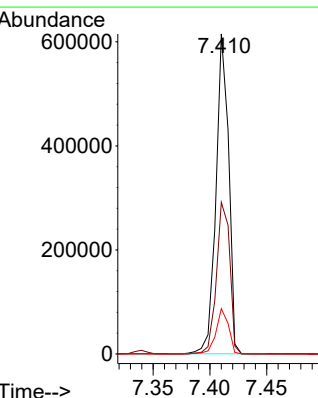
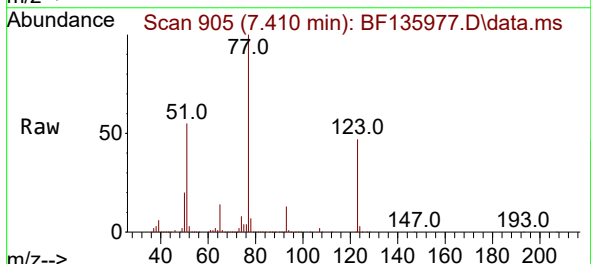
Tgt Ion: 77 Resp: 478962

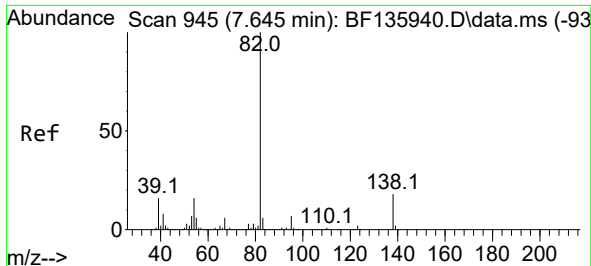
Ion Ratio Lower Upper

77 100

123 47.4 40.2 60.2

65 14.2 11.0 16.4





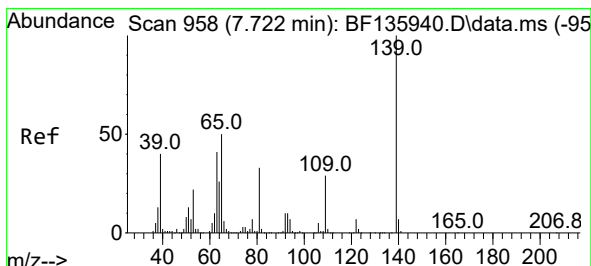
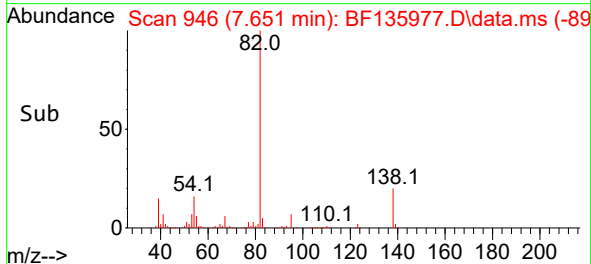
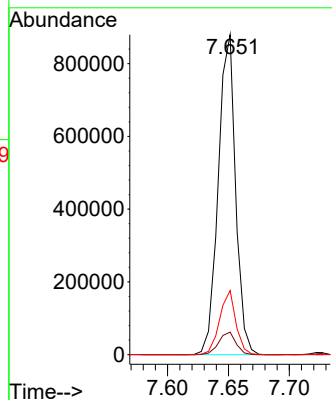
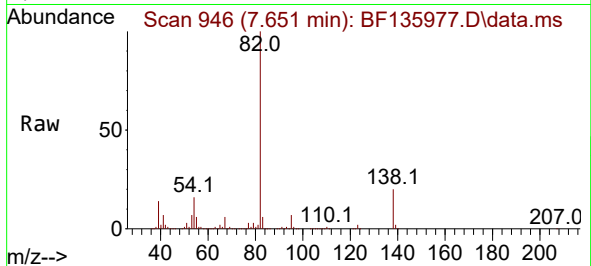
#25
Isophorone
Concen: 40.718 ng
RT: 7.651 min Scan# 945
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 871978
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 20.0 14.8 22.2

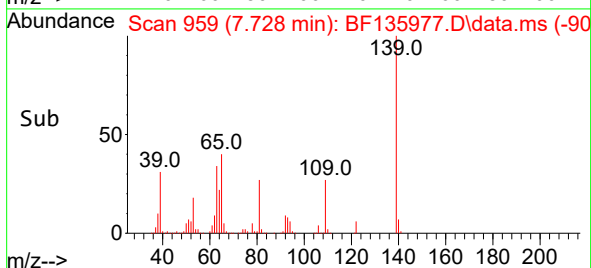
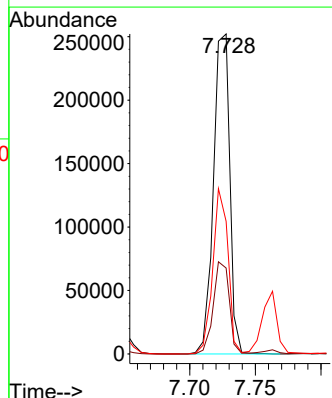
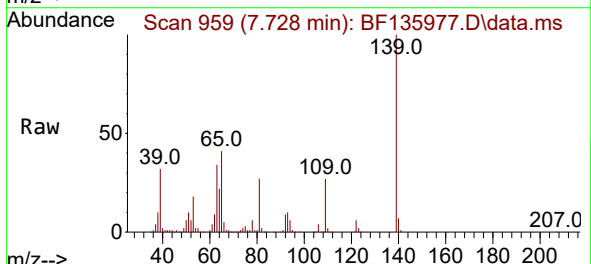
Manual Integrations
APPROVED

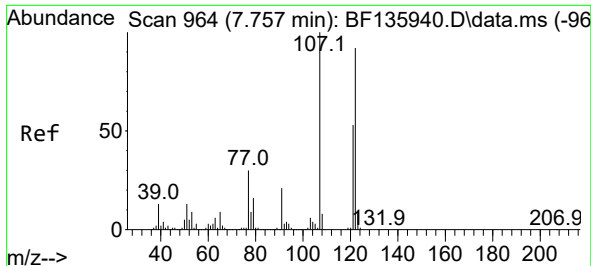
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023



#26
2-Nitrophenol
Concen: 53.010 ng
RT: 7.728 min Scan# 959
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

Tgt Ion:139 Resp: 218008
Ion Ratio Lower Upper
139 100
109 26.9 23.1 34.7
65 41.4 39.8 59.8





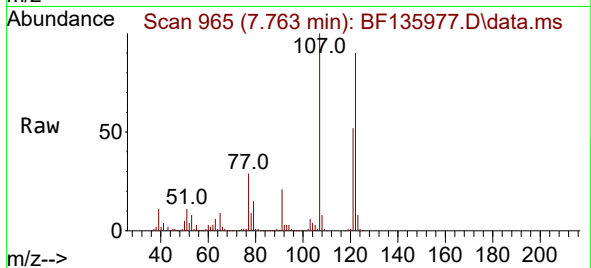
#27
2,4-Dimethylphenol
Concen: 41.453 ng
RT: 7.763 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



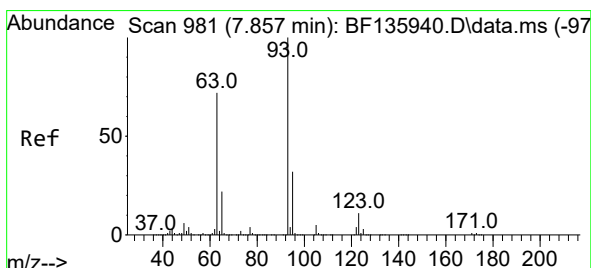
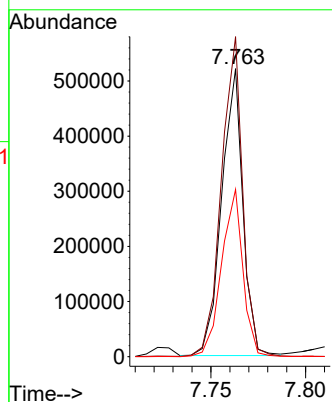
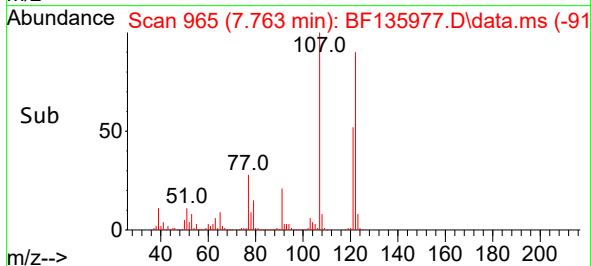
Tgt Ion:122 Resp: 40458
Ion Ratio Lower Upper
122 100
107 111.1 87.1 130.7
121 58.0 45.9 68.9

Manual Integrations

APPROVED

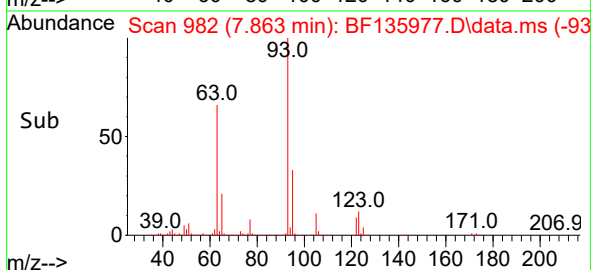
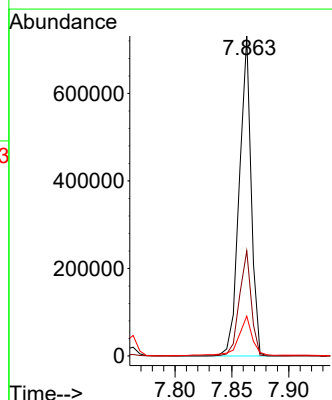
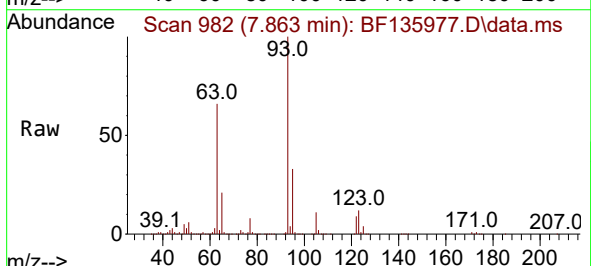
Reviewed By :Yogesh Patel 10/28/2023

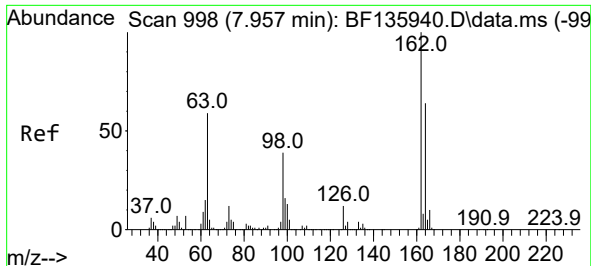
Supervised By :mohammad ahmed 10/28/2023



#28
bis(2-Chloroethoxy)methane
Concen: 40.200 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

Tgt Ion: 93 Resp: 528649
Ion Ratio Lower Upper
93 100
95 32.8 25.9 38.9
123 12.4 9.0 13.6





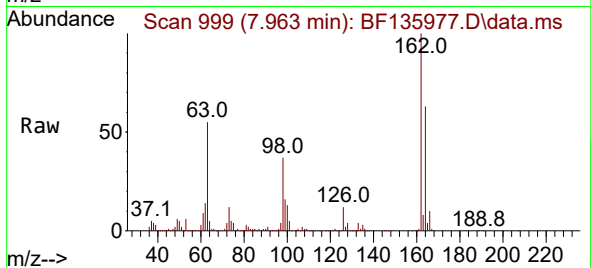
#29
2,4-Dichlorophenol
Concen: 44.213 ng
RT: 7.963 min Scan# 998
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

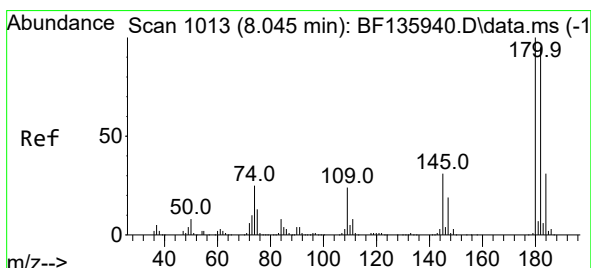
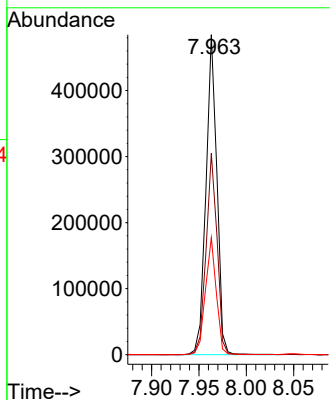
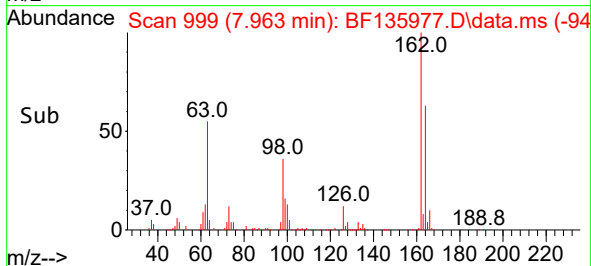


Tgt Ion:162 Resp: 38641
Ion Ratio Lower Upper
162 100
164 62.9 43.7 83.7
98 36.6 18.8 58.8

Manual Integrations

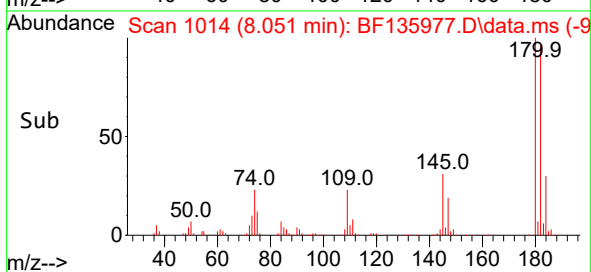
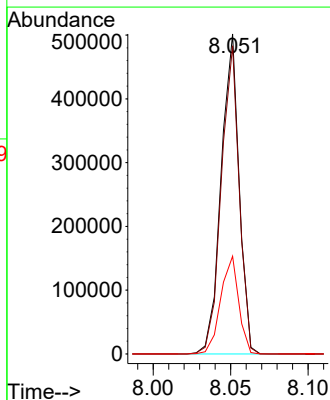
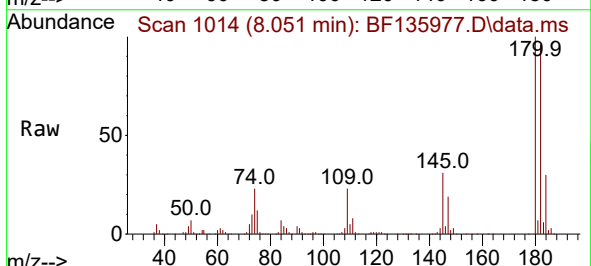
APPROVED

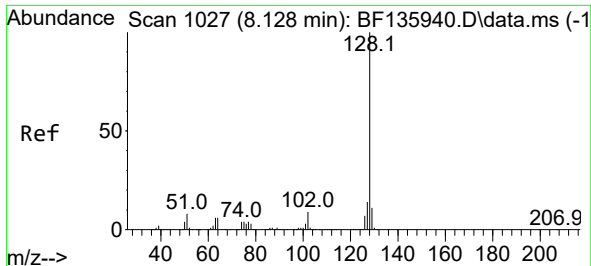
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023



#30
1,2,4-Trichlorobenzene
Concen: 40.913 ng
RT: 8.051 min Scan# 1014
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

Tgt Ion:180 Resp: 404863
Ion Ratio Lower Upper
180 100
182 96.3 76.0 114.0
145 30.6 24.6 36.8





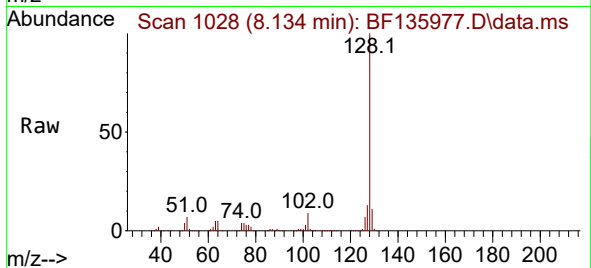
#31
Naphthalene
Concen: 40.880 ng
RT: 8.134 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



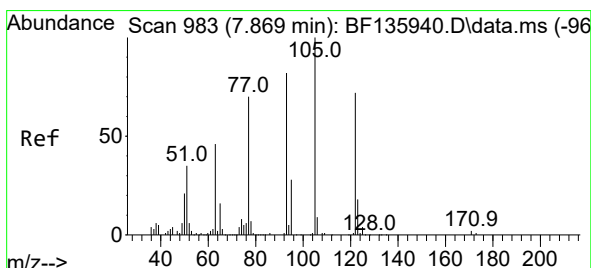
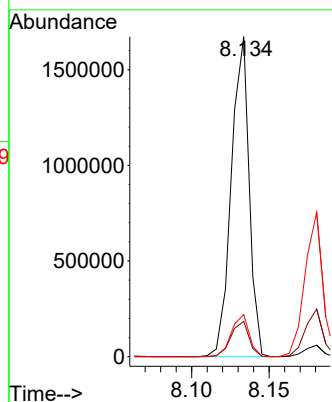
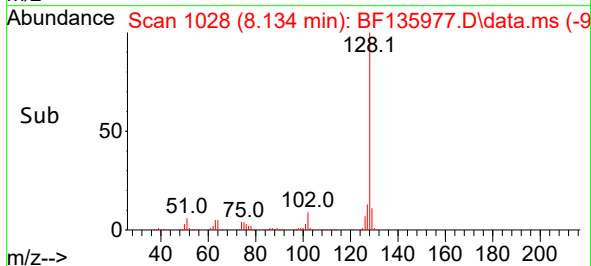
Tgt Ion:128 Resp: 133901
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.2 10.9 16.3

Manual Integrations

APPROVED

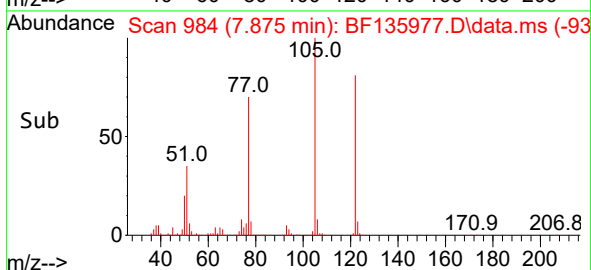
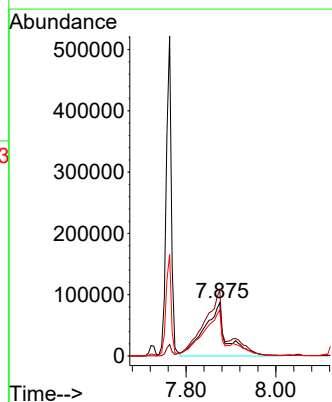
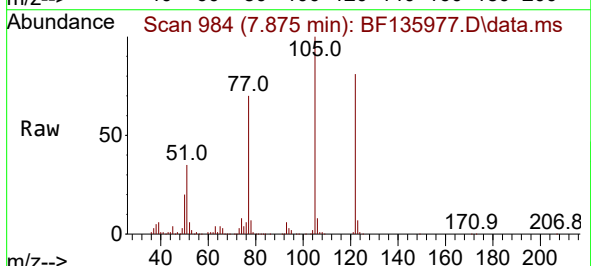
Reviewed By :Yogesh Patel 10/28/2023

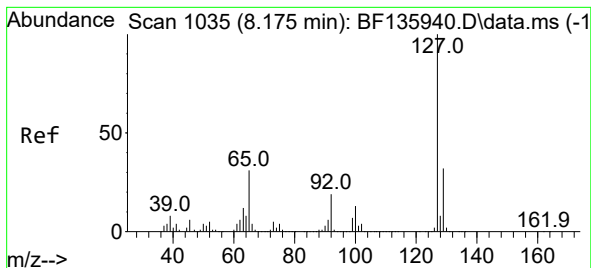
Supervised By :mohammad ahmed 10/28/2023



#32
Benzoic acid
Concen: 57.381 ng m
RT: 7.875 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

Tgt Ion:122 Resp: 301463
Ion Ratio Lower Upper
122 100
105 124.2 113.1 153.1
77 86.9 75.2 115.2





#33
4-Chloroaniline
Concen: 41.205 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

Instrument :

BNA_F

ClientSampleId :

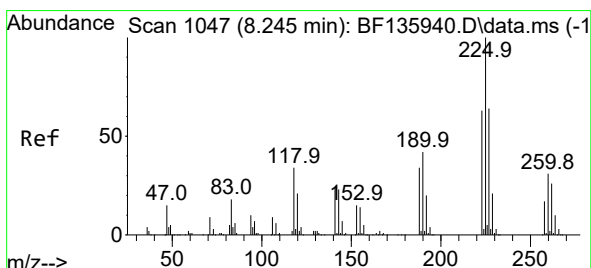
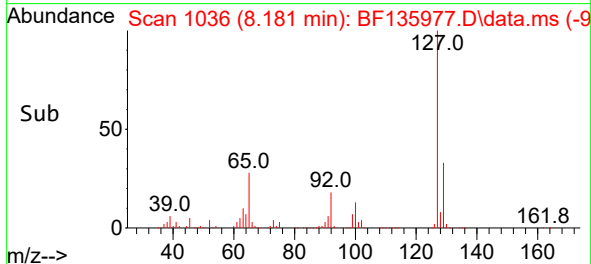
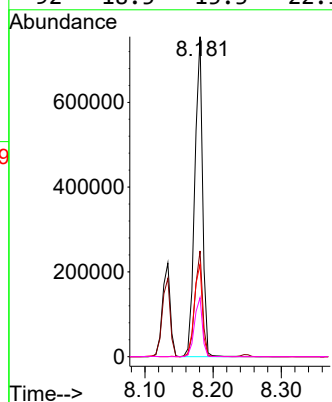
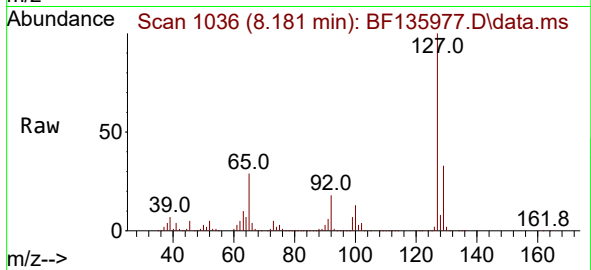
SSTDCCC040

Tgt Ion:127 Resp: 59652
Ion Ratio Lower Upper
127 100
129 33.0 25.7 38.5
65 28.8 24.8 37.2
92 18.5 15.3 22.9

Manual Integrations

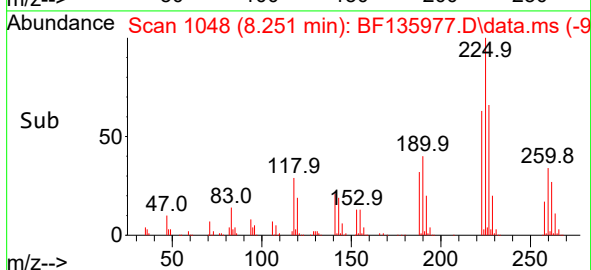
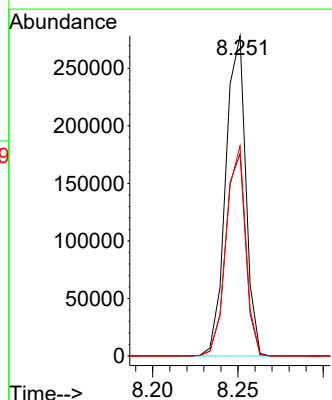
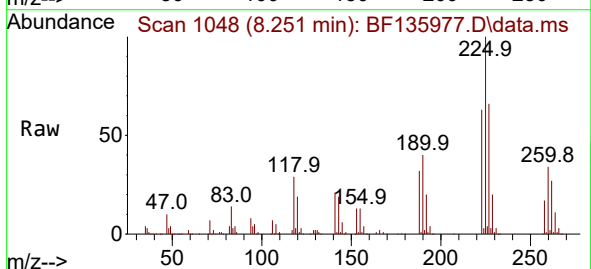
APPROVED

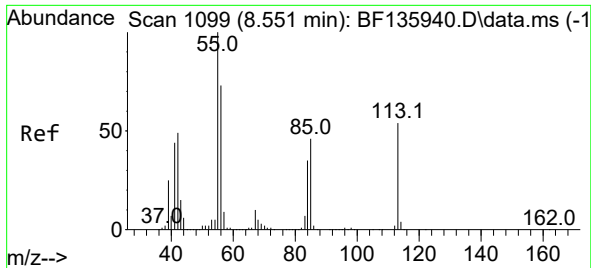
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023



#34
Hexachlorobutadiene
Concen: 40.883 ng
RT: 8.251 min Scan# 1048
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

Tgt Ion:225 Resp: 228030
Ion Ratio Lower Upper
225 100
223 63.2 50.6 75.8
227 65.7 50.9 76.3





#35
 Caprolactam
 Concen: 45.018 ng
 RT: 8.557 min Scan# 1100
 Delta R.T. 0.006 min
 Lab File: BF135977.D
 Acq: 27 Oct 2023 10:43

Instrument :

BNA_F

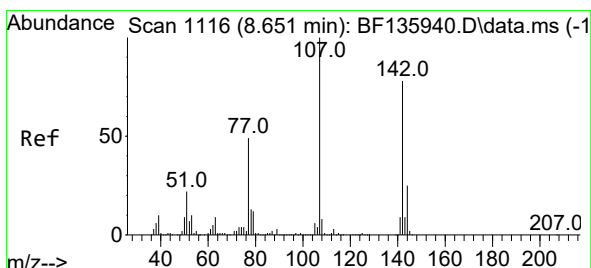
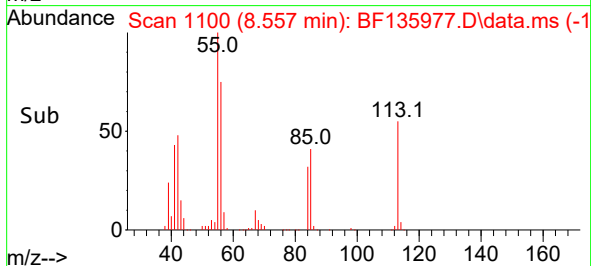
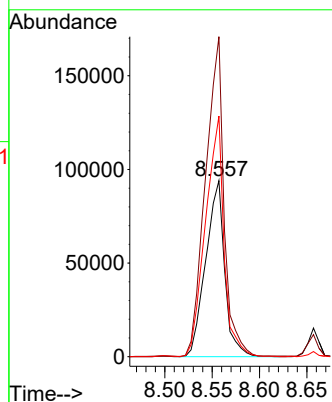
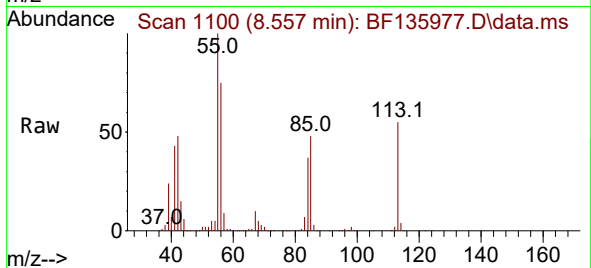
ClientSampleId :

SSTDCCC040

Tgt Ion:113 Resp: 130933
 Ion Ratio Lower Upper
 113 100
 55 181.8 165.4 205.4
 56 136.7 115.2 155.2

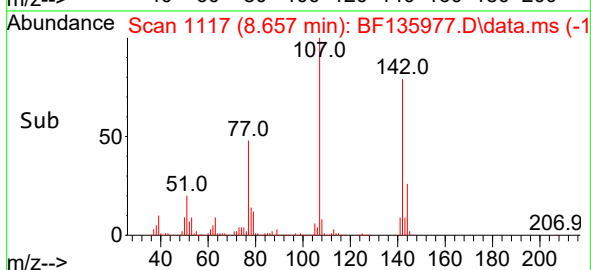
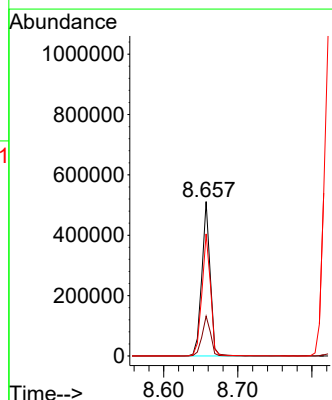
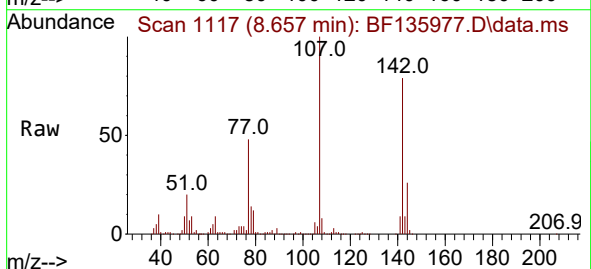
Manual Integrations
 APPROVED

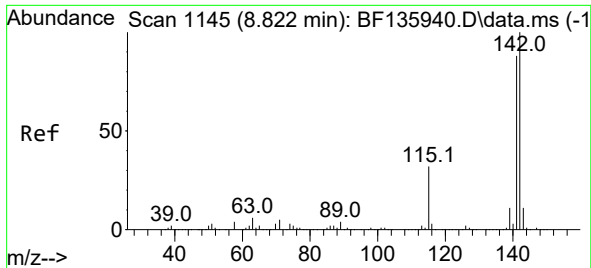
Reviewed By :Yogesh Patel 10/28/2023
 Supervised By :mohammad ahmed 10/28/2023



#36
 4-Chloro-3-methylphenol
 Concen: 43.278 ng
 RT: 8.657 min Scan# 1117
 Delta R.T. 0.006 min
 Lab File: BF135977.D
 Acq: 27 Oct 2023 10:43

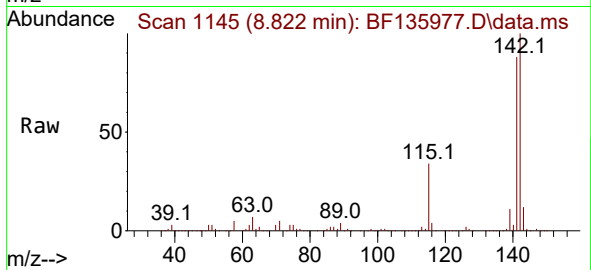
Tgt Ion:107 Resp: 401967
 Ion Ratio Lower Upper
 107 100
 144 25.8 19.9 29.9
 142 79.0 62.8 94.2





#37
2-Methylnaphthalene
Concen: 40.796 ng
RT: 8.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

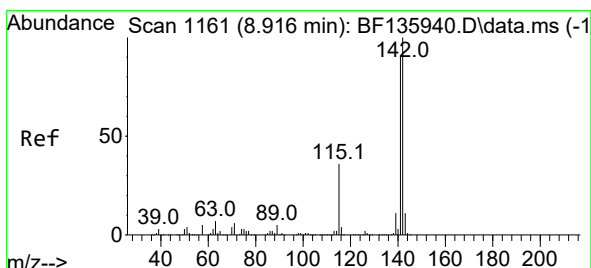
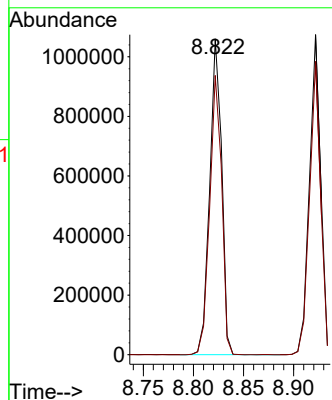
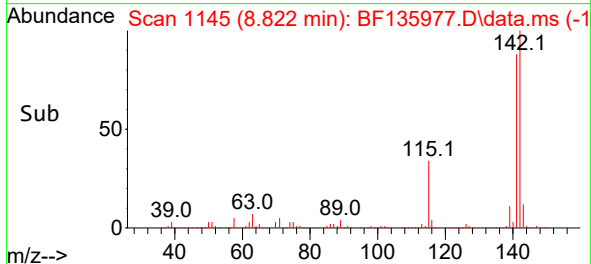
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



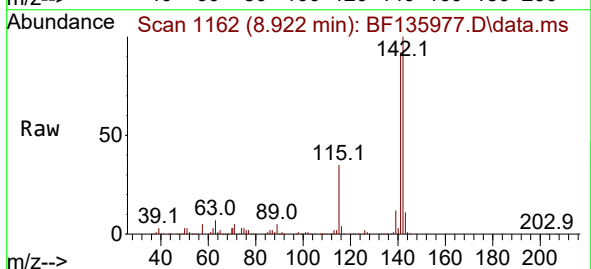
Tgt Ion:142 Resp: 884135
Ion Ratio Lower Upper
142 100
141 88.4 70.4 105.6

Manual Integrations
APPROVED

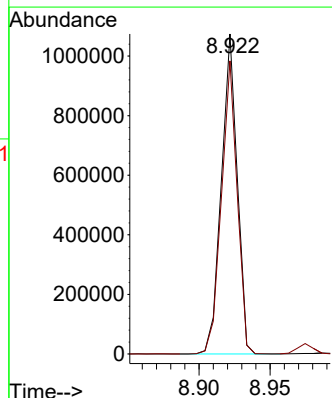
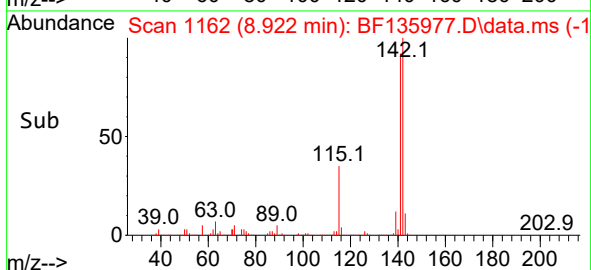
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023

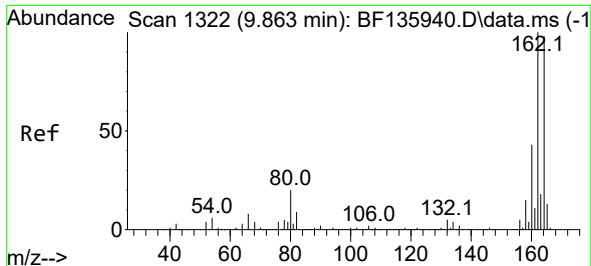


#38
1-Methylnaphthalene
Concen: 41.071 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43



Tgt Ion:142 Resp: 831692
Ion Ratio Lower Upper
142 100
141 91.6 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1173

Delta R.T. 0.006 min

Lab File: BF135977.D

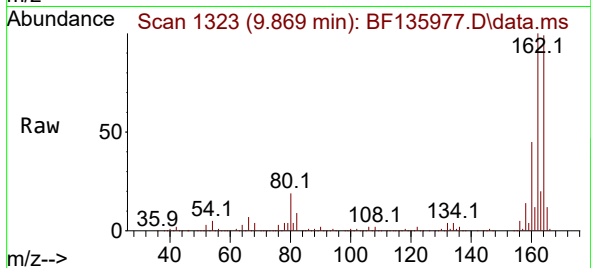
Acq: 27 Oct 2023 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 34826

Ion Ratio Lower Upper

164 100

162 100.8 82.0 123.0

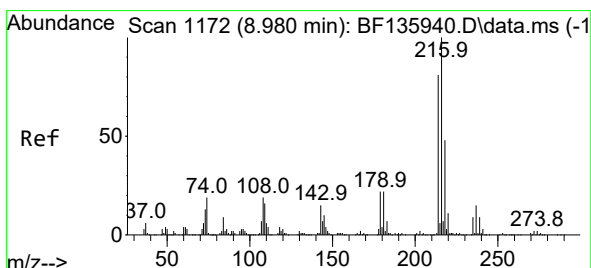
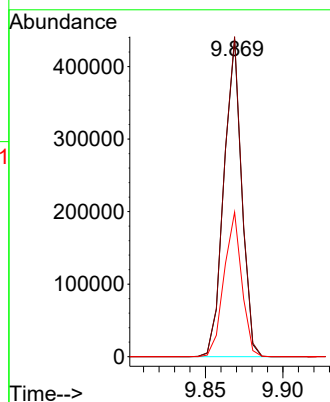
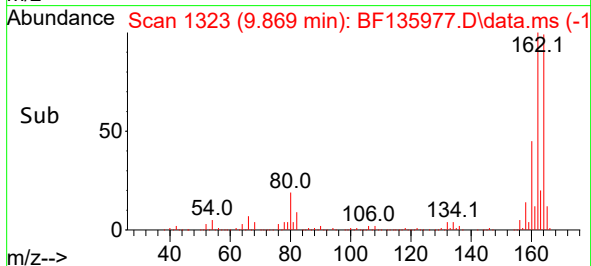
160 45.5 35.6 53.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/28/2023

Supervised By :mohammad ahmed 10/28/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.229 ng

RT: 8.986 min Scan# 1173

Delta R.T. 0.006 min

Lab File: BF135977.D

Acq: 27 Oct 2023 10:43

Tgt Ion:216 Resp: 395700

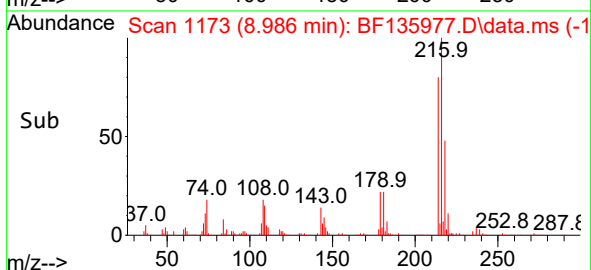
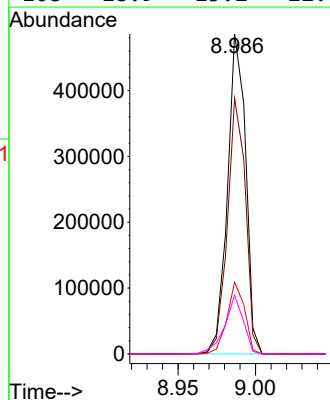
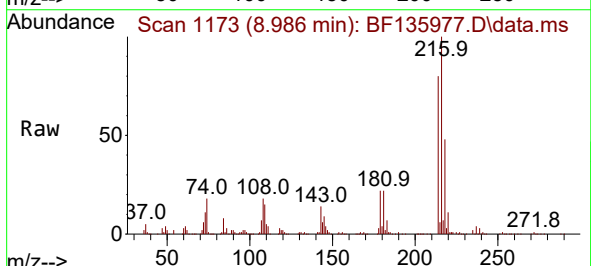
Ion Ratio Lower Upper

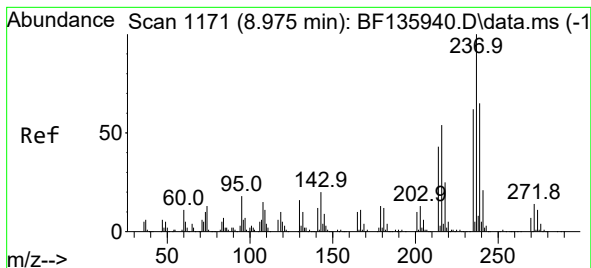
216 100

214 79.3 63.3 94.9

179 21.6 17.3 25.9

108 18.9 15.2 22.8





#41

Hexachlorocyclopentadiene

Concen: 45.188 ng

RT: 8.975 min Scan# 1171

Delta R.T. 0.000 min

Lab File: BF135977.D

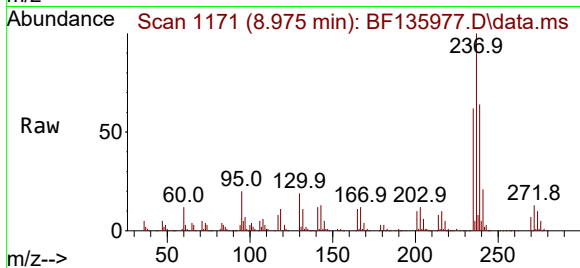
Acq: 27 Oct 2023 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:237 Resp: 219169

Ion Ratio Lower Upper

237 100

235 61.6 41.7 81.7

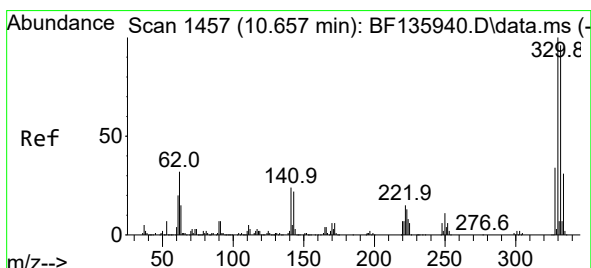
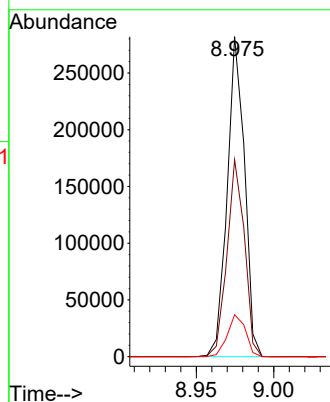
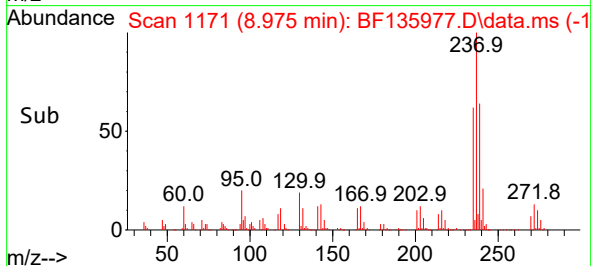
272 13.1 0.0 33.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/28/2023

Supervised By :mohammad ahmed 10/28/2023



#42

2,4,6-Tribromophenol

Concen: 97.490 ng

RT: 10.657 min Scan# 1457

Delta R.T. 0.000 min

Lab File: BF135977.D

Acq: 27 Oct 2023 10:43

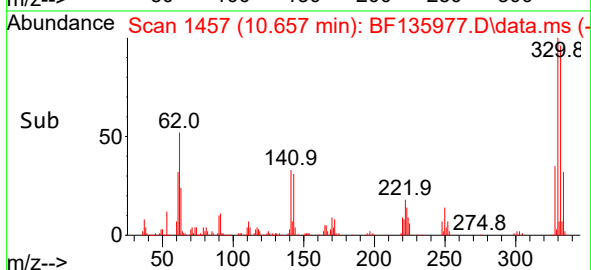
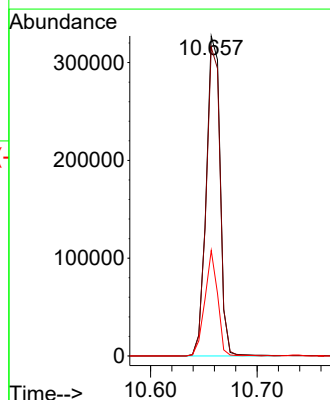
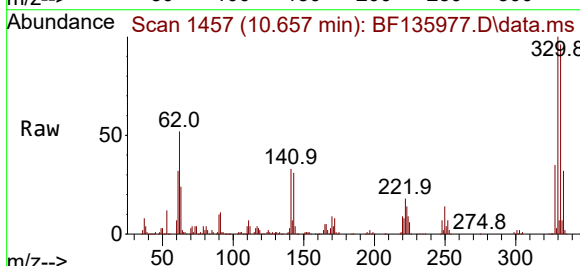
Tgt Ion:330 Resp: 297180

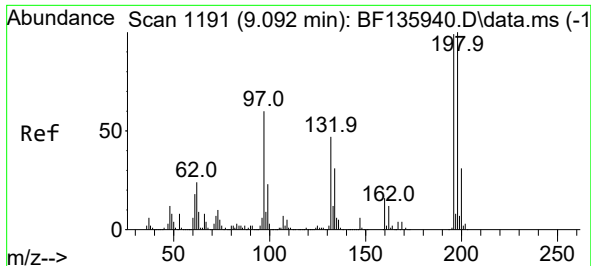
Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.2

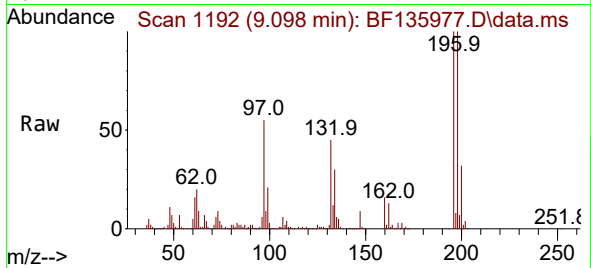
141 30.3 24.9 37.3





#43
2,4,6-Trichlorophenol
Concen: 45.700 ng
RT: 9.098 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

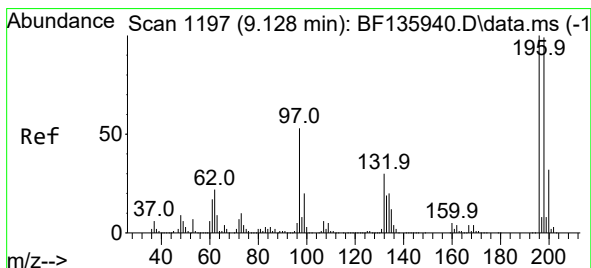
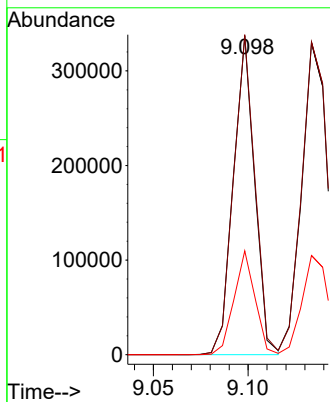
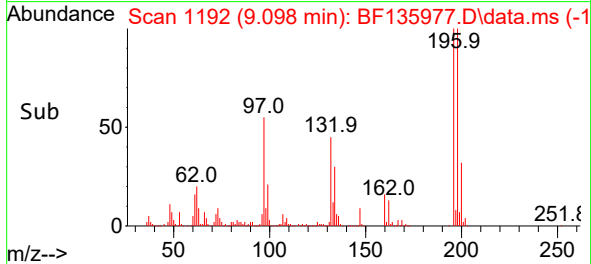
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



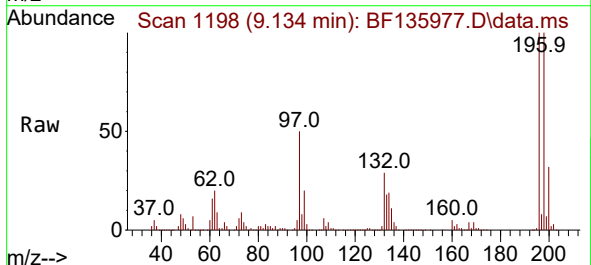
Tgt Ion:196 Resp: 263099
Ion Ratio Lower Upper
196 100
198 100.5 81.0 121.4
200 32.6 25.4 38.0

Manual Integrations
APPROVED

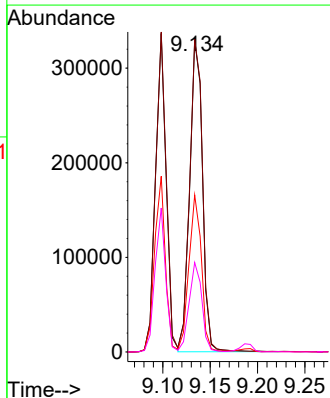
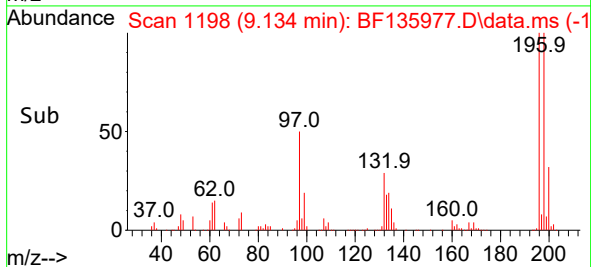
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023

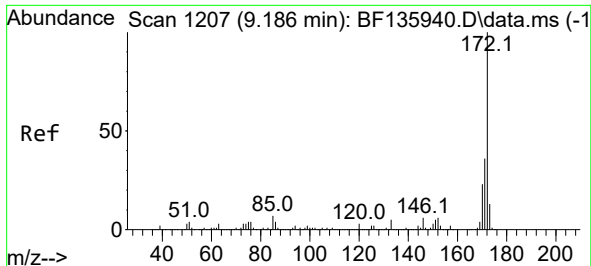


#44
2,4,5-Trichlorophenol
Concen: 45.475 ng
RT: 9.134 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43



Tgt Ion:196 Resp: 310844
Ion Ratio Lower Upper
196 100
198 100.3 79.1 118.7
97 50.3 42.3 63.5
132 28.7 24.0 36.0





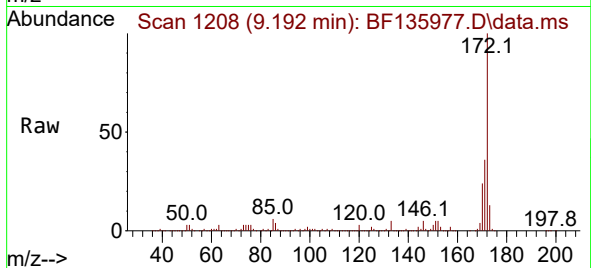
#45
2-Fluorobiphenyl
Concen: 78.341 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

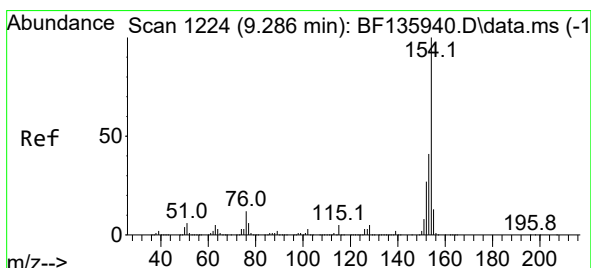
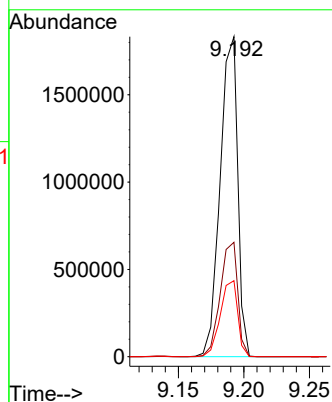
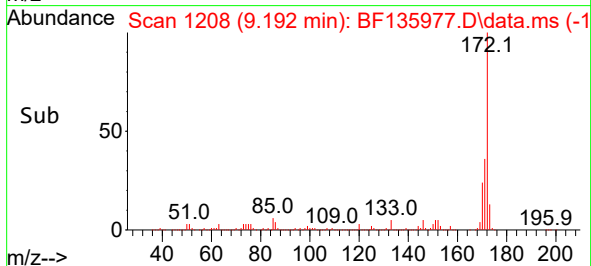


Tgt Ion:172 Resp: 1703870
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.7 18.6 28.0

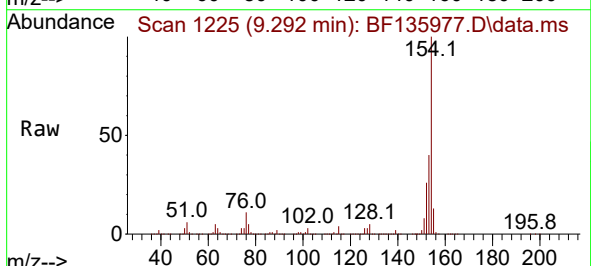
Manual Integrations

APPROVED

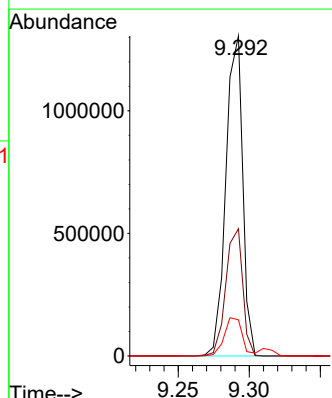
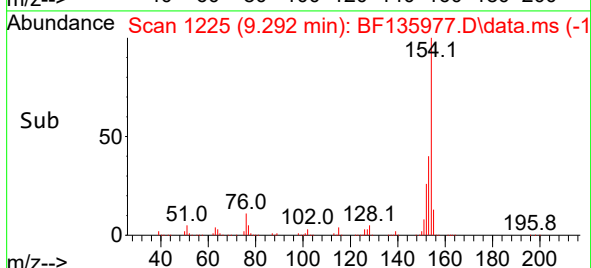
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023

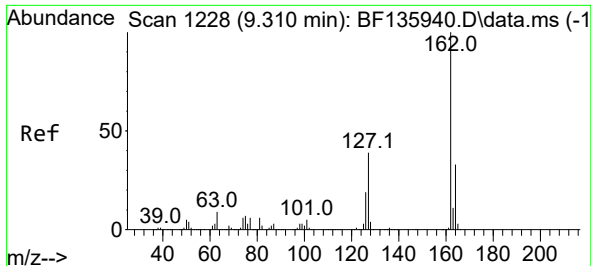


#46
1,1'-Biphenyl
Concen: 40.537 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43



Tgt Ion:154 Resp: 1069734
Ion Ratio Lower Upper
154 100
153 39.8 20.7 60.7
76 11.3 0.0 32.4





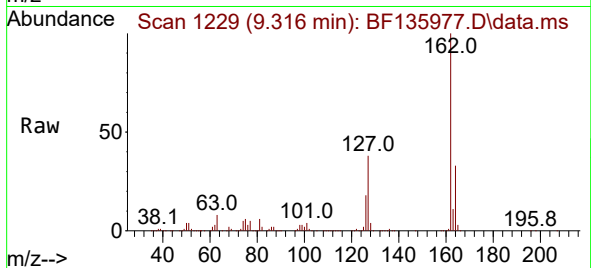
#47
2-Chloronaphthalene
Concen: 40.585 ng
RT: 9.316 min Scan# 1228
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

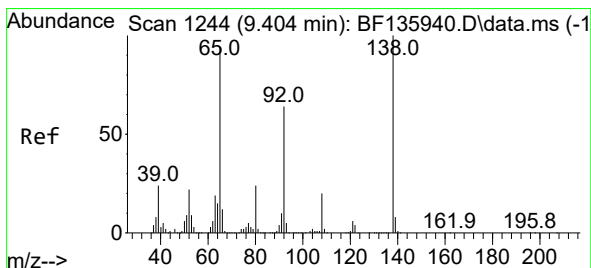
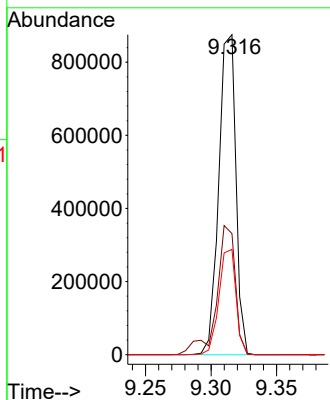
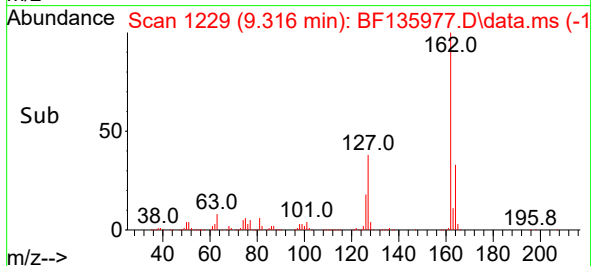


Tgt Ion:162 Resp: 792170
Ion Ratio Lower Upper
162 100
127 37.9 31.0 46.4
164 32.9 26.6 39.8

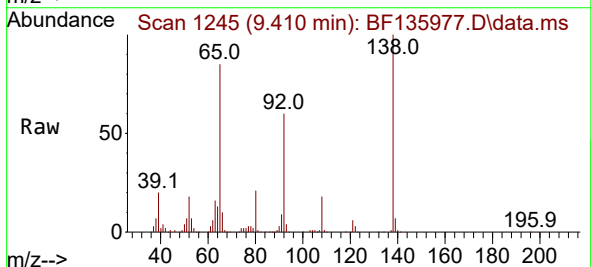
Manual Integrations

APPROVED

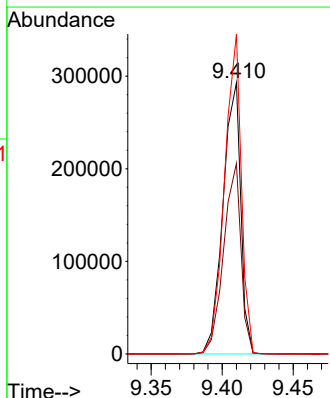
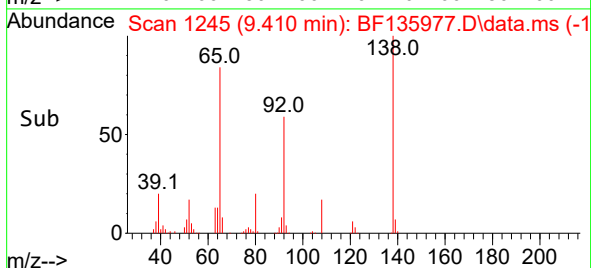
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023



#48
2-Nitroaniline
Concen: 47.821 ng
RT: 9.410 min Scan# 1245
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43



Tgt Ion: 65 Resp: 254443
Ion Ratio Lower Upper
65 100
92 70.3 54.9 82.3
138 118.0 85.2 127.8





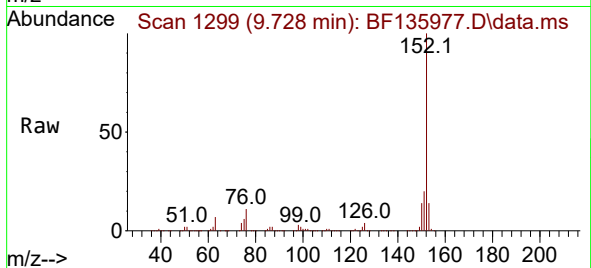
#49
Acenaphthylene
Concen: 40.646 ng
RT: 9.728 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



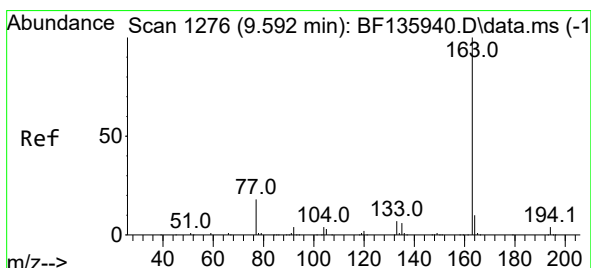
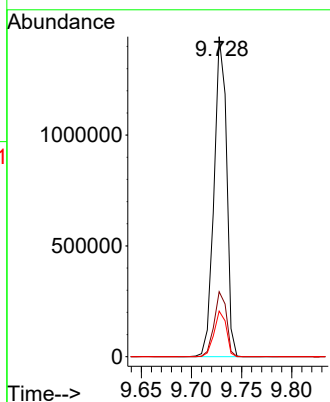
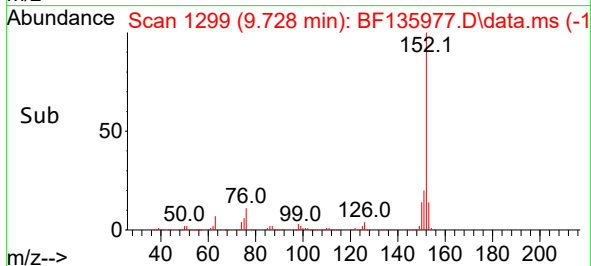
Tgt Ion:152 Resp: 1251624
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 14.2 11.0 16.6

Manual Integrations

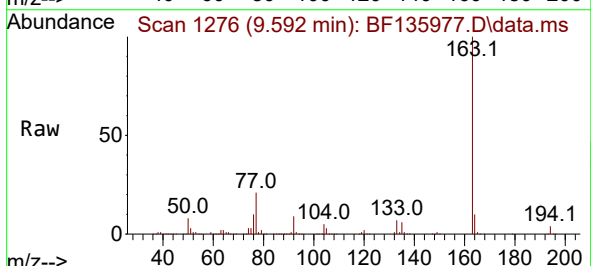
APPROVED

Reviewed By :Yogesh Patel 10/28/2023

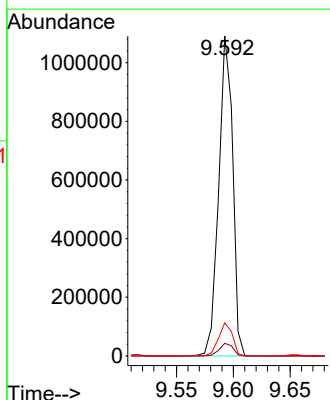
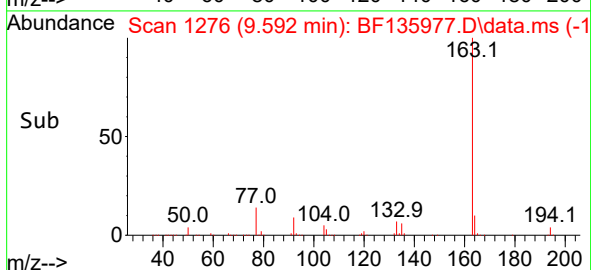
Supervised By :mohammad ahmed 10/28/2023

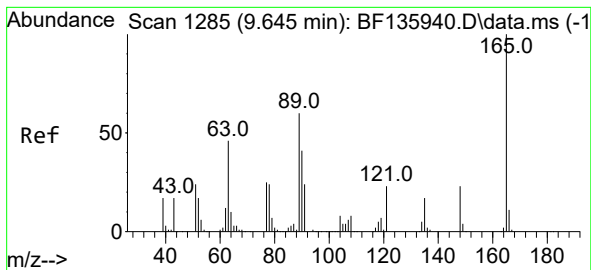


#50
Dimethylphthalate
Concen: 41.420 ng
RT: 9.592 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43



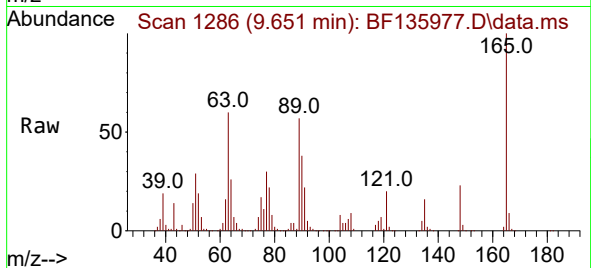
Tgt Ion:163 Resp: 935449
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.4 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 44.984 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

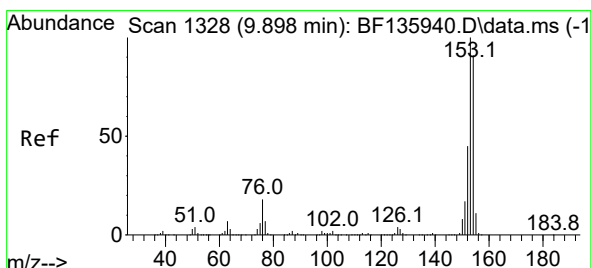
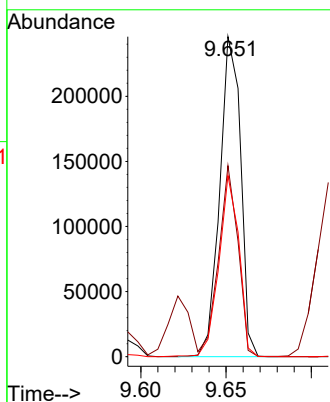
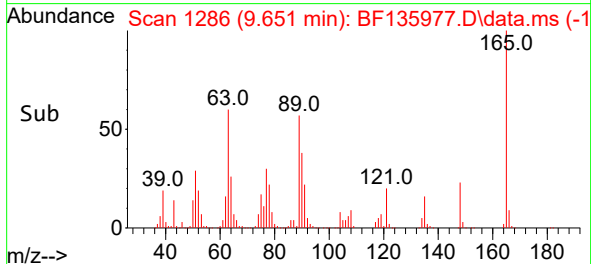
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 209030
Ion Ratio Lower Upper
165 100
63 59.7 51.7 77.5
89 56.6 48.3 72.5

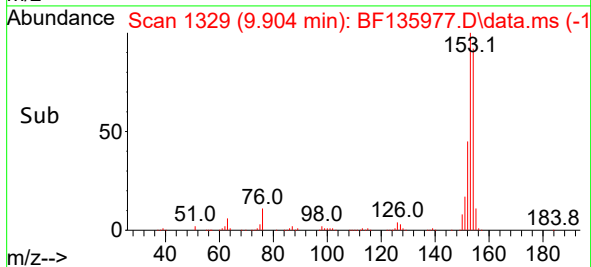
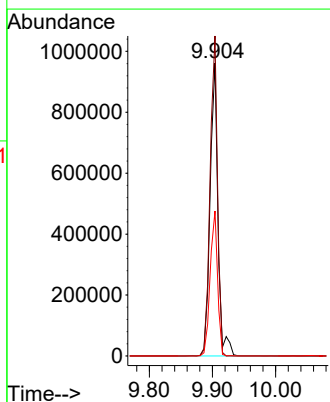
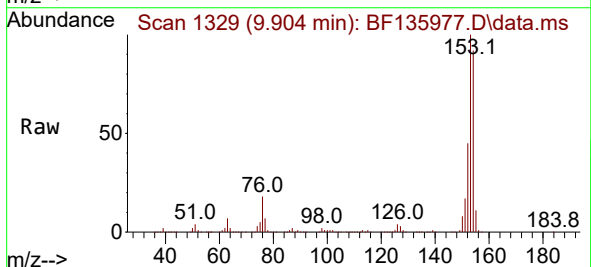
Manual Integrations
APPROVED

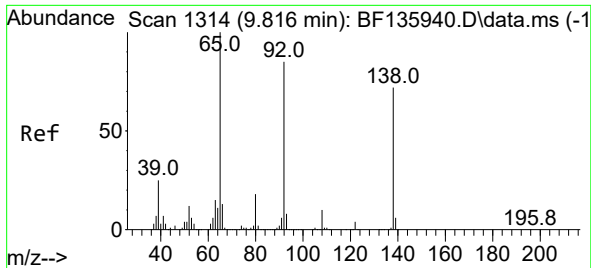
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023



#52
Acenaphthene
Concen: 41.740 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

Tgt Ion:154 Resp: 823714
Ion Ratio Lower Upper
154 100
153 109.3 88.0 132.0
152 49.5 39.4 59.2





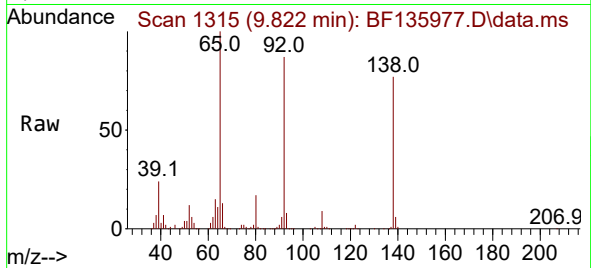
#53
3-Nitroaniline
Concen: 44.533 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

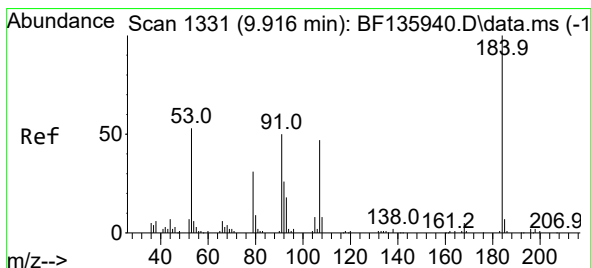
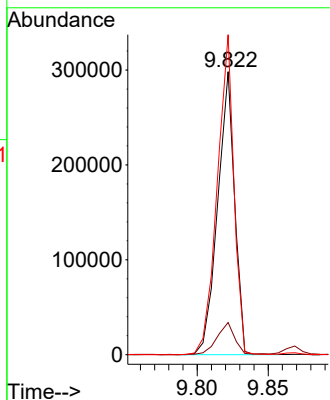
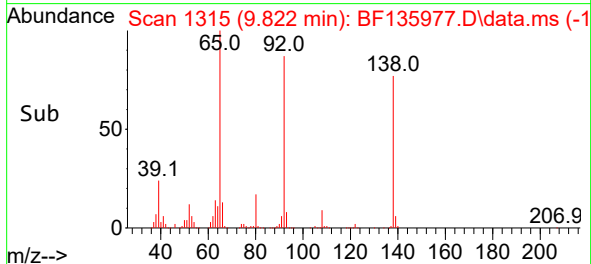


Tgt Ion:138 Resp: 247460
Ion Ratio Lower Upper
138 100
108 11.3 11.3 16.9
92 113.1 95.0 142.6

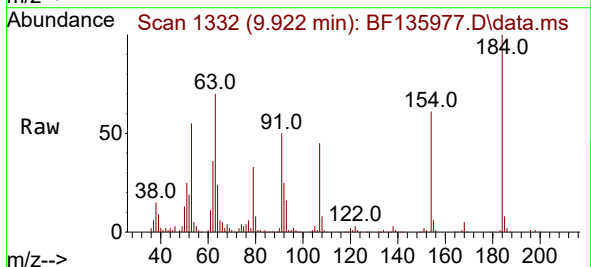
Manual Integrations

APPROVED

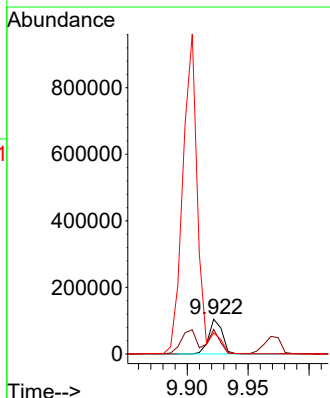
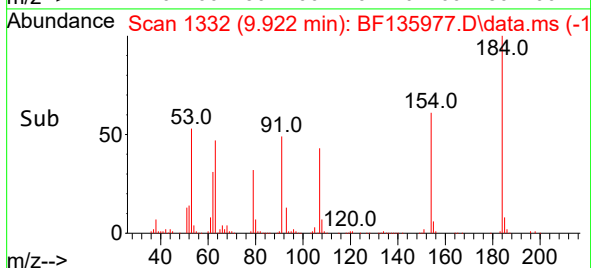
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023

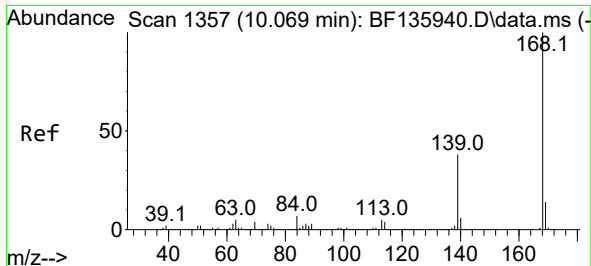


#54
2,4-Dinitrophenol
Concen: 59.205 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43



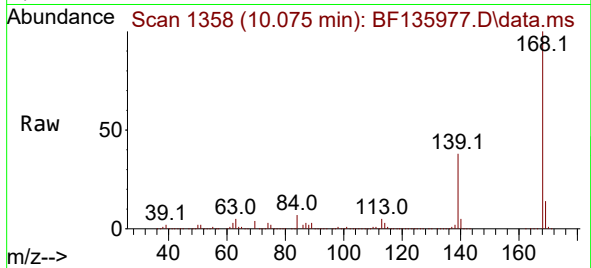
Tgt Ion:184 Resp: 80868
Ion Ratio Lower Upper
184 100
63 70.4 56.3 84.5
154 61.0 48.1 72.1





#55
Dibenzenofuran
Concen: 40.517 ng
RT: 10.075 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

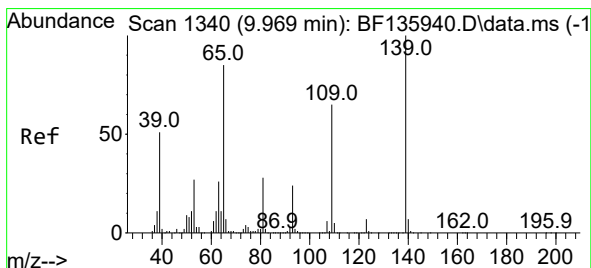
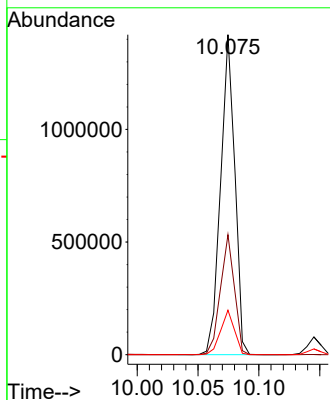
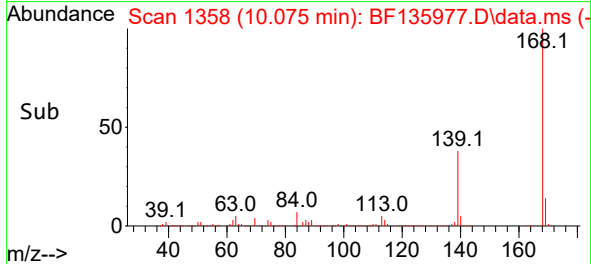
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 1155118
Ion Ratio Lower Upper
168 100
139 37.5 30.7 46.1
169 13.9 11.1 16.7

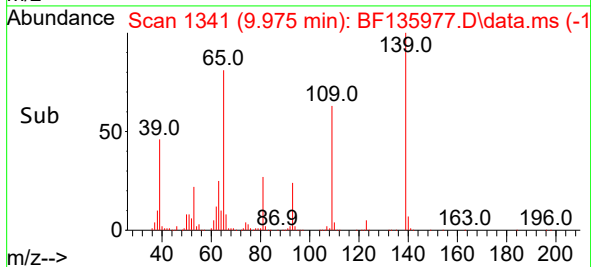
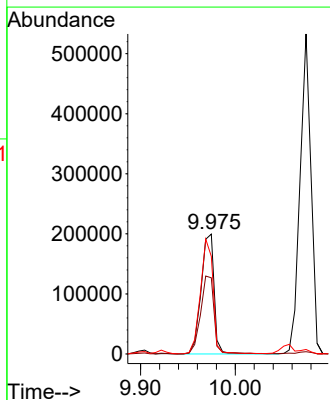
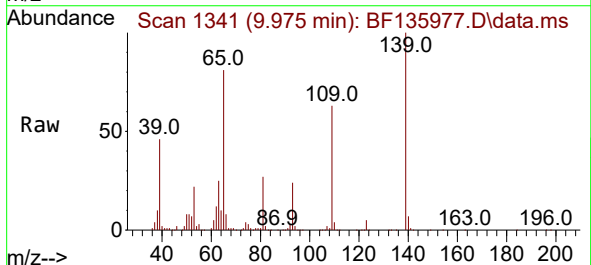
Manual Integrations
APPROVED

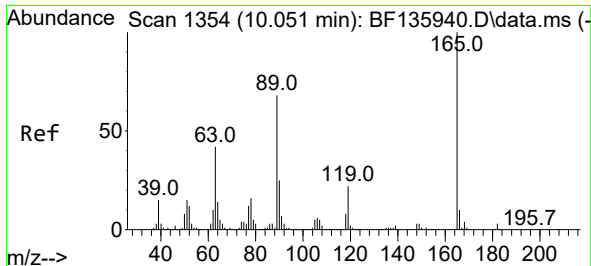
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023



#56
4-Nitrophenol
Concen: 45.014 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

Tgt Ion:139 Resp: 191731
Ion Ratio Lower Upper
139 100
109 63.5 45.2 85.2
65 81.4 65.1 105.1





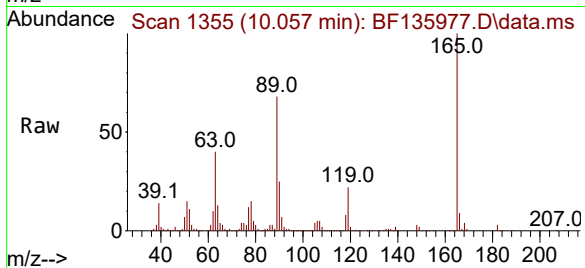
#57
2,4-Dinitrotoluene
Concen: 47.028 ng
RT: 10.057 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

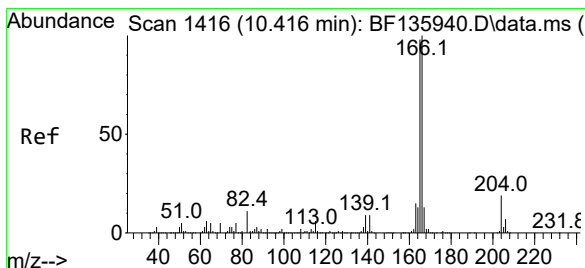
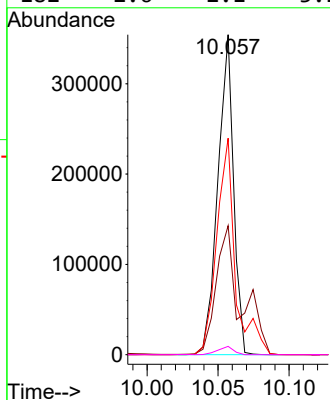
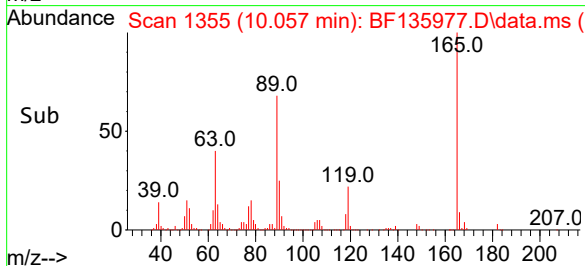


Tgt Ion:165 Resp: 271778
Ion Ratio Lower Upper
165 100
63 40.3 33.7 50.5
89 67.6 54.6 81.8
182 2.6 2.1 3.1

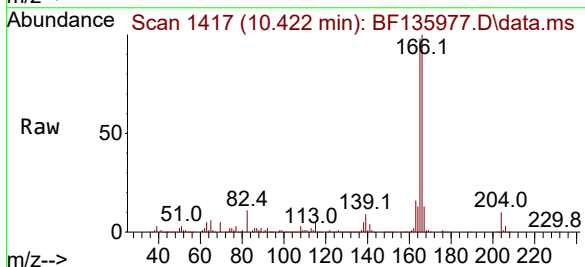
Manual Integrations

APPROVED

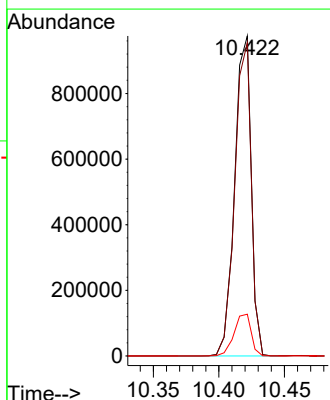
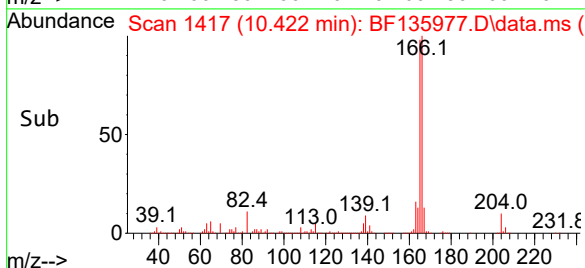
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023

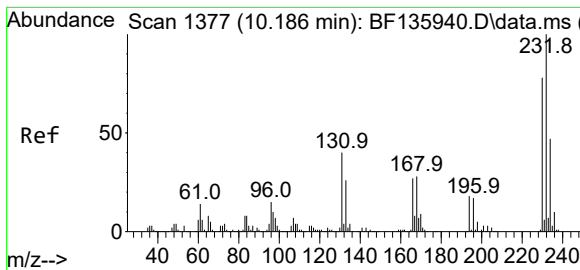


#58
Fluorene
Concen: 40.195 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43



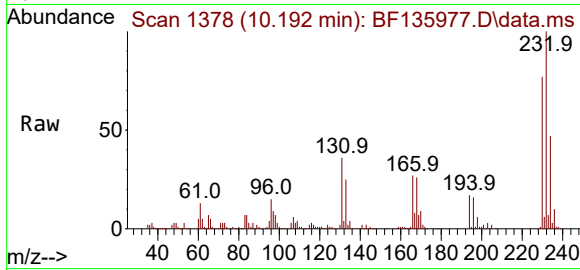
Tgt Ion:166 Resp: 857319
Ion Ratio Lower Upper
166 100
165 98.0 78.0 117.0
167 13.0 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.331 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

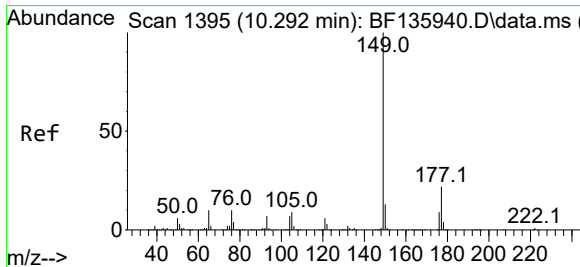
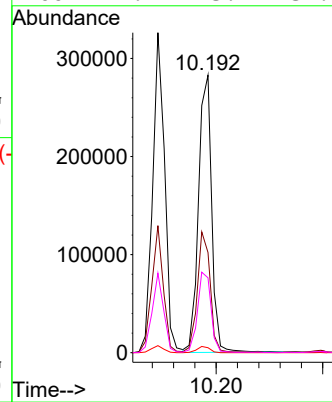
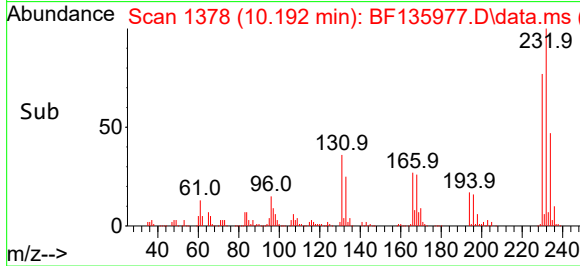
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



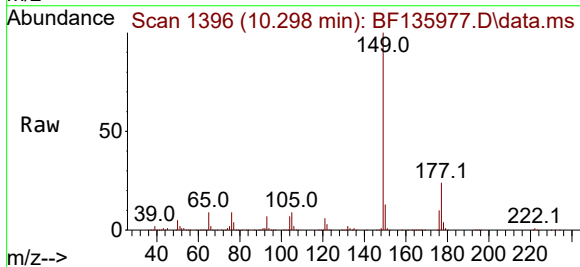
Tgt Ion:232 Resp: 243451
Ion Ratio Lower Upper
232 100
131 42.6 35.2 52.8
130 2.2 1.7 2.5
166 29.9 23.1 34.7

Manual Integrations
APPROVED

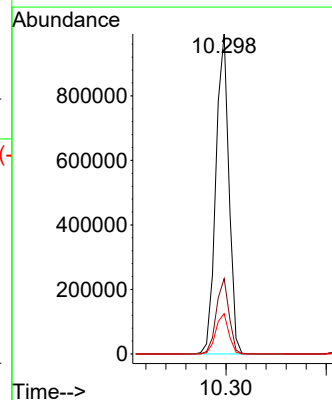
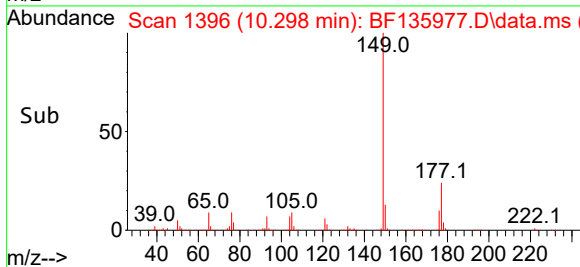
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023

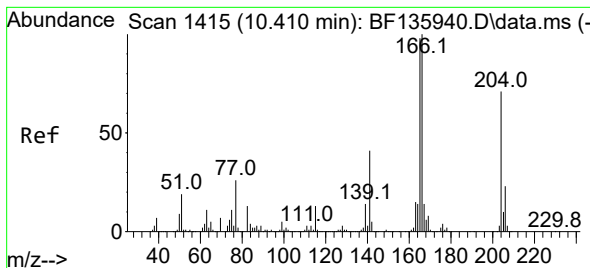


#60
Diethylphthalate
Concen: 41.598 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43



Tgt Ion:149 Resp: 895881
Ion Ratio Lower Upper
149 100
177 23.6 17.9 26.9
150 12.6 10.2 15.2





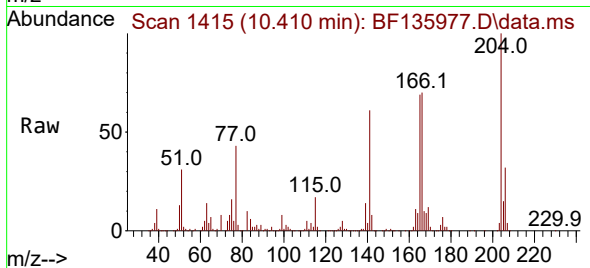
#61
4-Chlorophenyl-phenylether
Concen: 40.853 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

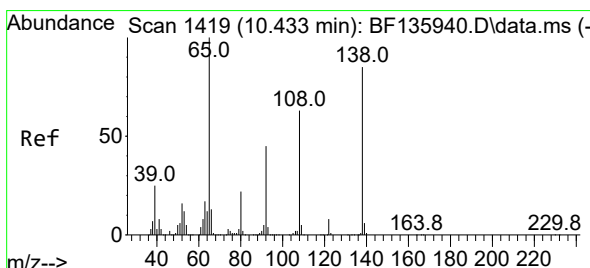
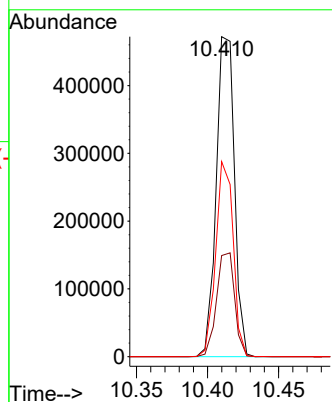
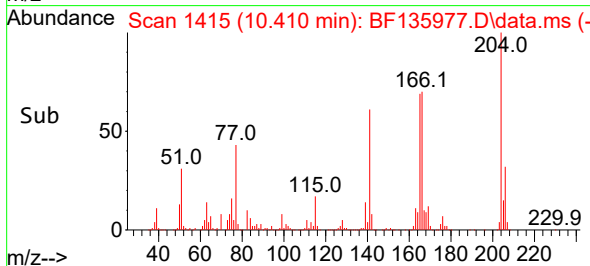


Tgt Ion:204 Resp: 42032
Ion Ratio Lower Upper
204 100
206 31.6 26.4 39.6
141 60.9 46.2 69.2

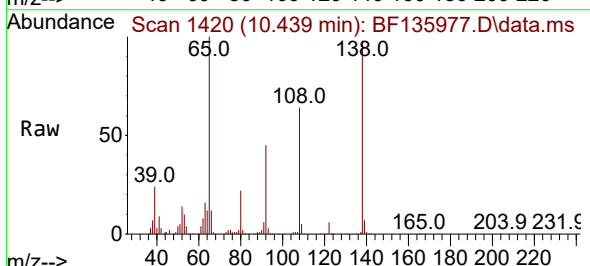
Manual Integrations

APPROVED

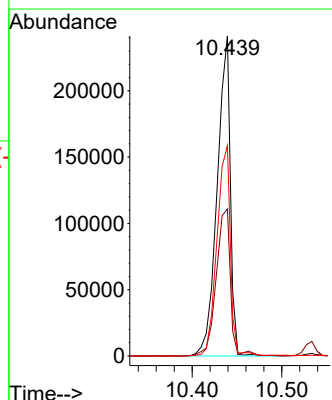
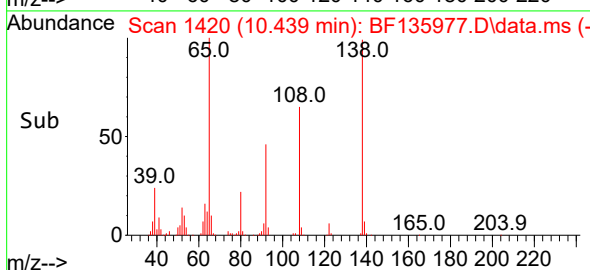
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023

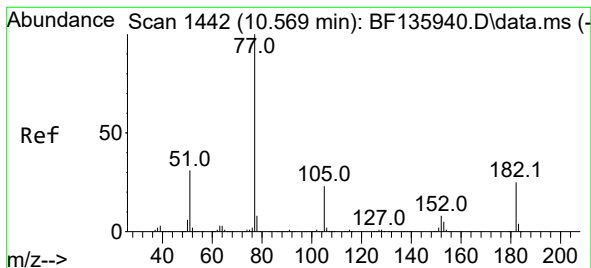


#62
4-Nitroaniline
Concen: 44.584 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43



Tgt Ion:138 Resp: 245291
Ion Ratio Lower Upper
138 100
92 45.9 32.9 72.9
108 65.7 53.5 93.5





#63

Azobenzene

Concen: 40.106 ng

RT: 10.575 min Scan# 1442

Delta R.T. 0.006 min

Lab File: BF135977.D

Acq: 27 Oct 2023 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 87654

Ion Ratio Lower Upper

77 100

182 27.0 5.1 45.1

105 23.1 2.8 42.8

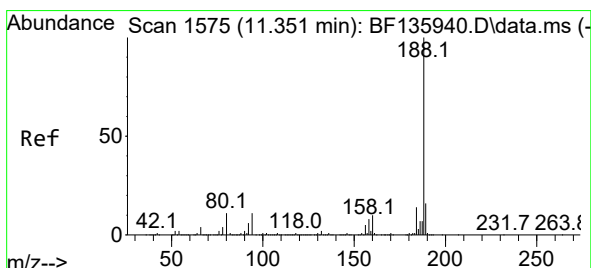
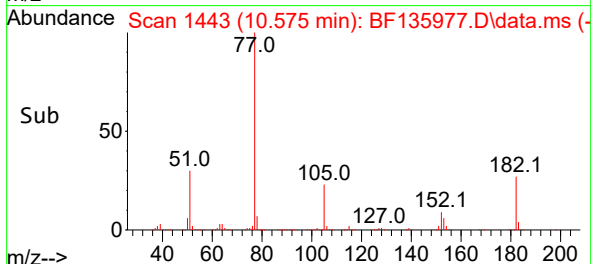
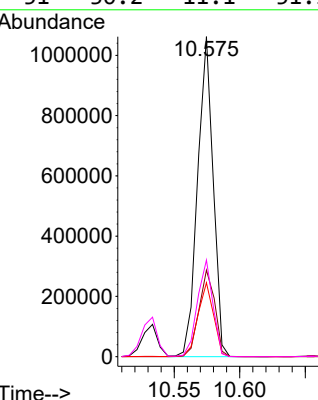
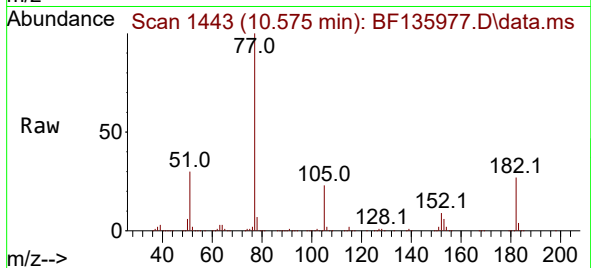
51 30.2 11.1 51.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/28/2023

Supervised By :mohammad ahmed 10/28/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1576

Delta R.T. 0.006 min

Lab File: BF135977.D

Acq: 27 Oct 2023 10:43

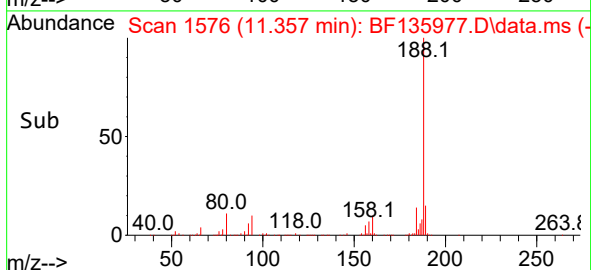
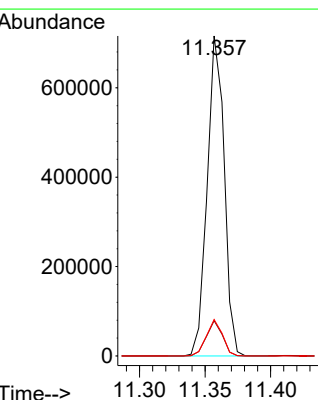
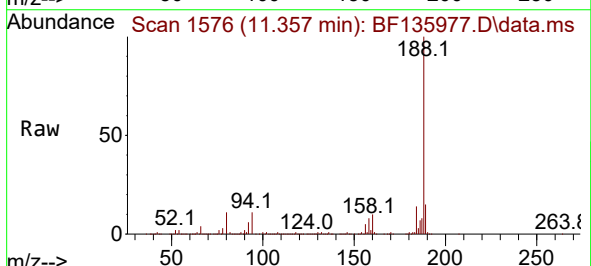
Tgt Ion:188 Resp: 644858

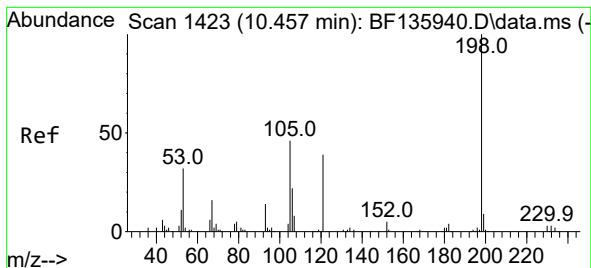
Ion Ratio Lower Upper

188 100

94 11.0 8.6 13.0

80 11.4 9.0 13.6





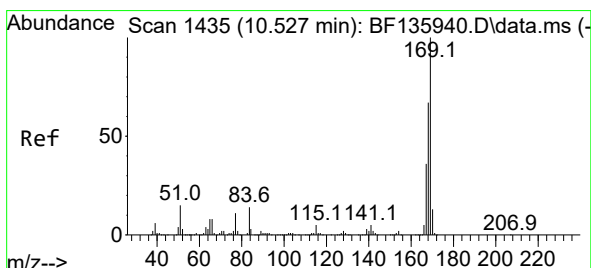
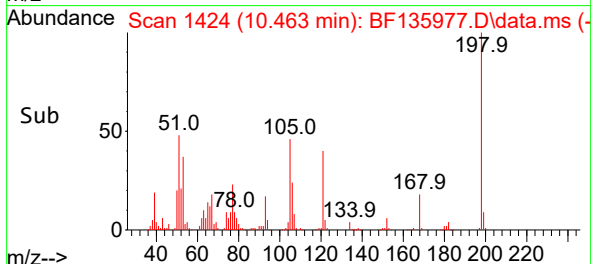
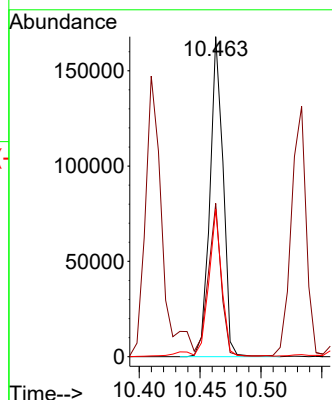
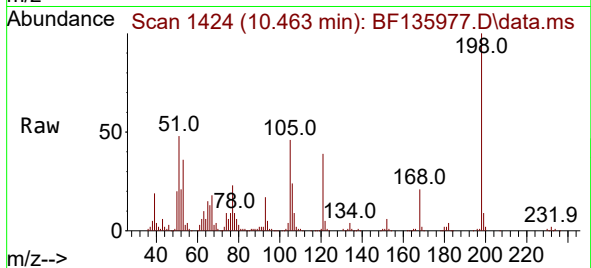
#65
4,6-Dinitro-2-methylphenol
Concen: 55.738 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 126118
Ion Ratio Lower Upper
198 100
51 47.9 28.7 68.7
105 46.1 27.2 67.2

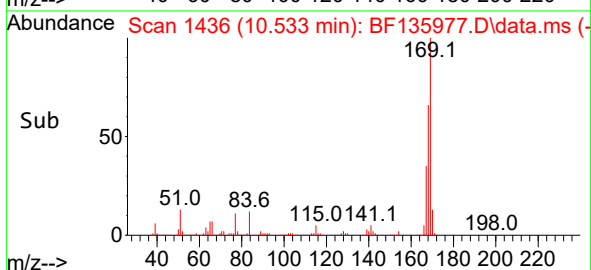
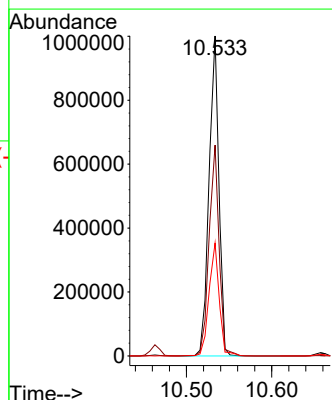
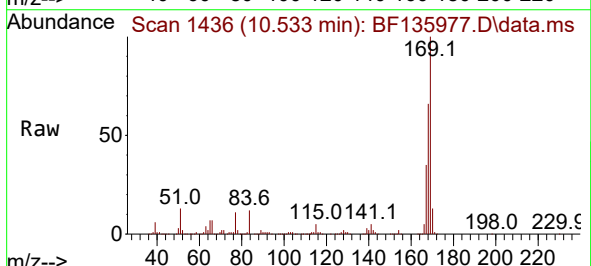
Manual Integrations
APPROVED

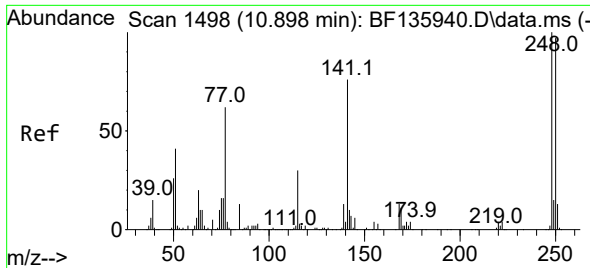
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023



#66
n-Nitrosodiphenylamine
Concen: 41.262 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

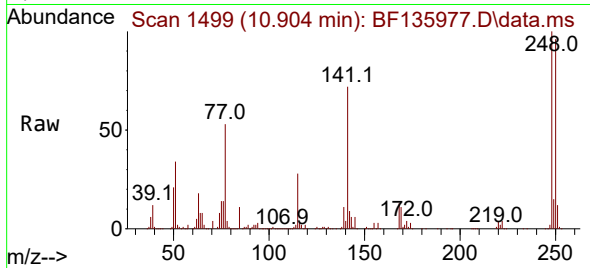
Tgt Ion:169 Resp: 803841
Ion Ratio Lower Upper
169 100
168 65.9 53.5 80.3
167 35.3 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 41.694 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

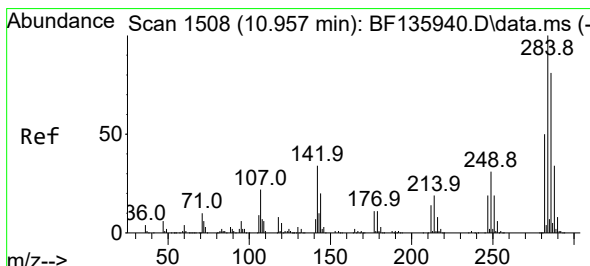
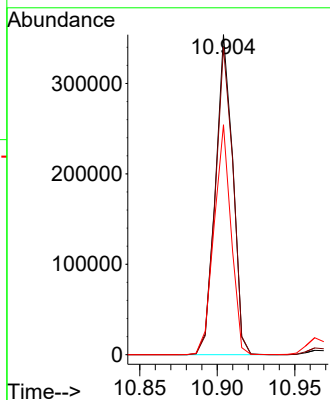
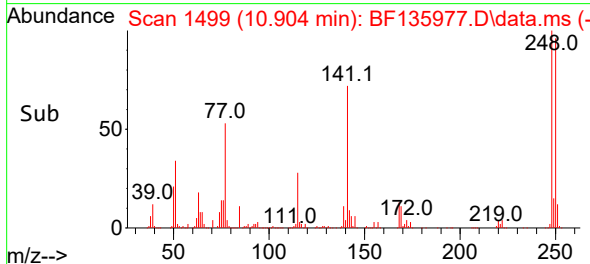
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



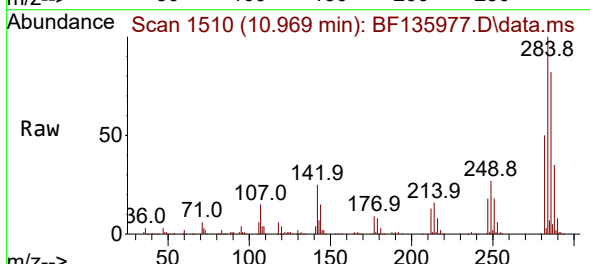
Tgt Ion:248 Resp: 275350
Ion Ratio Lower Upper
248 100
250 96.1 77.9 116.9
141 71.8 60.8 91.2

Manual Integrations
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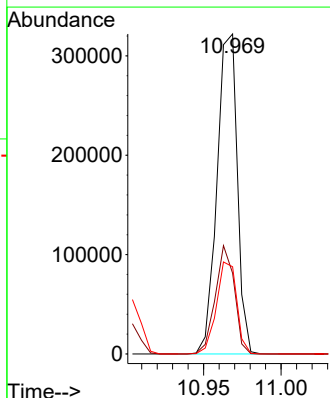
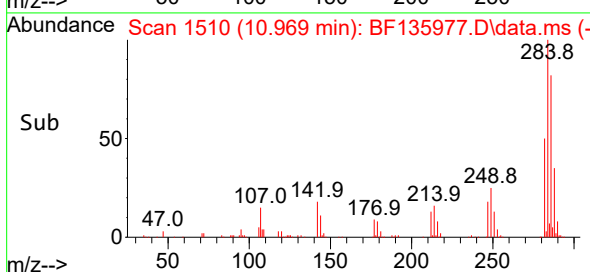
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023

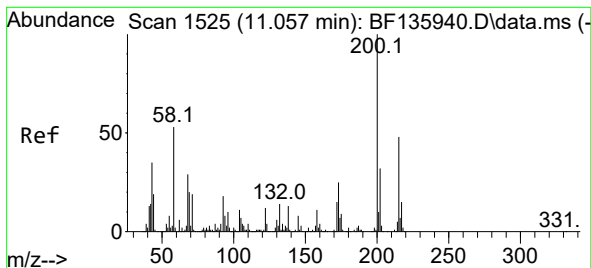


#68
Hexachlorobenzene
Concen: 41.613 ng
RT: 10.969 min Scan# 1510
Delta R.T. 0.012 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43



Tgt Ion:284 Resp: 293567
Ion Ratio Lower Upper
284 100
142 25.3 27.6 41.4#
249 27.3 24.7 37.1





#69

Atrazine

Concen: 40.703 ng

RT: 11.063 min Scan# 1525

Delta R.T. 0.006 min

Lab File: BF135977.D

Acq: 27 Oct 2023 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 21616

Ion Ratio Lower Upper

200 100

173 25.7 5.5 45.5

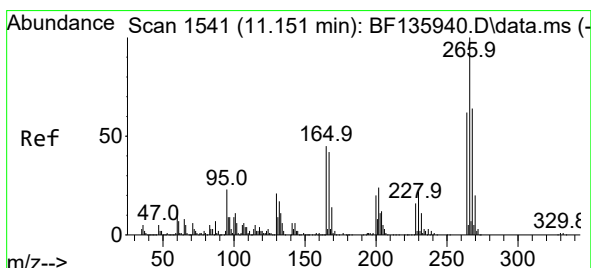
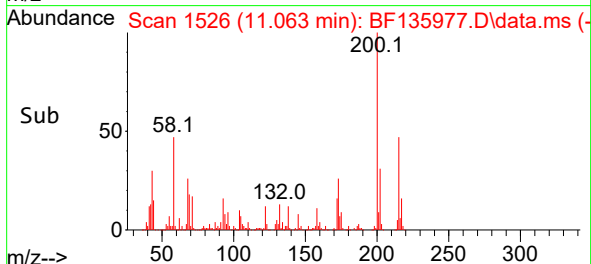
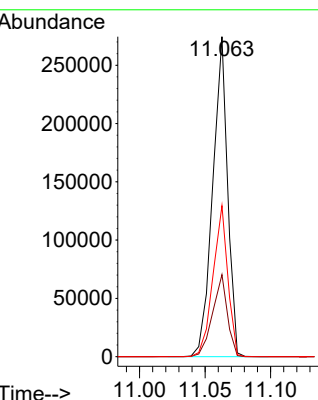
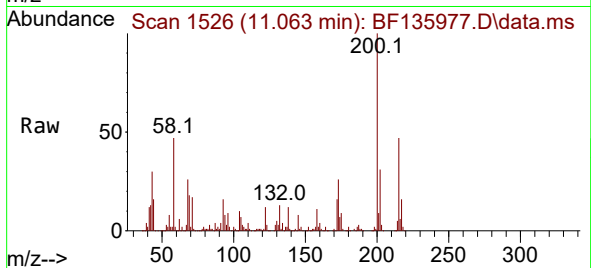
215 47.2 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/28/2023

Supervised By :mohammad ahmed 10/28/2023



#70

Pentachlorophenol

Concen: 46.572 ng

RT: 11.157 min Scan# 1542

Delta R.T. 0.006 min

Lab File: BF135977.D

Acq: 27 Oct 2023 10:43

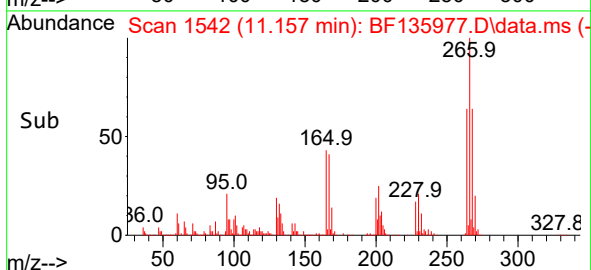
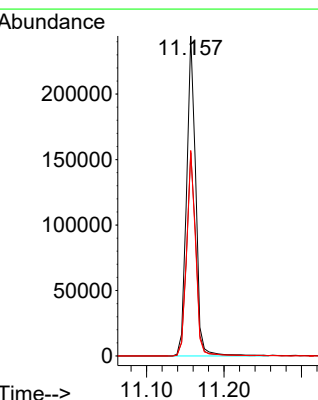
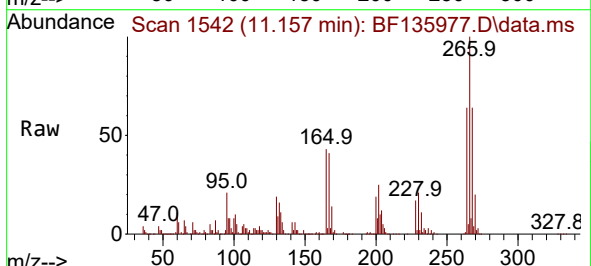
Tgt Ion:266 Resp: 199978

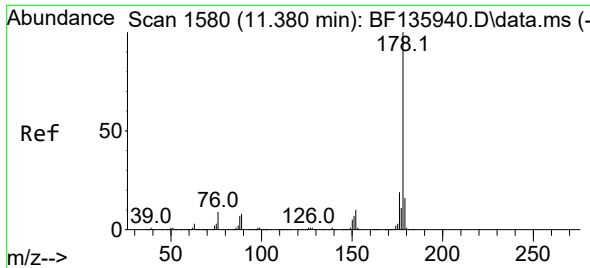
Ion Ratio Lower Upper

266 100

268 63.6 50.8 76.2

264 64.2 49.8 74.6





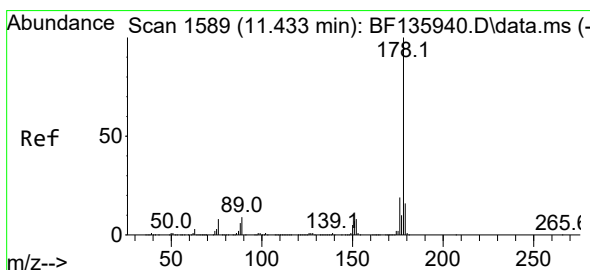
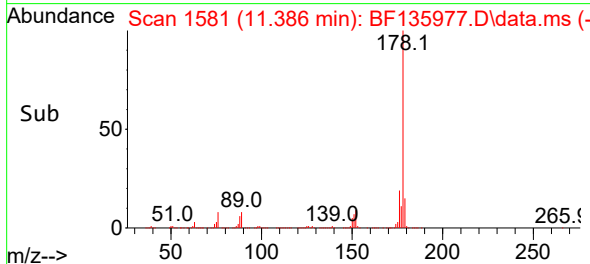
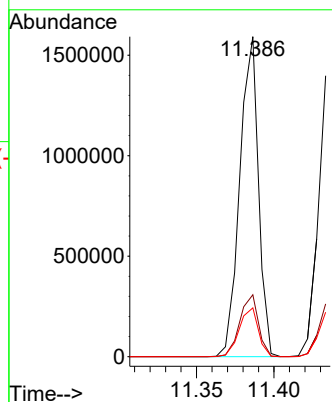
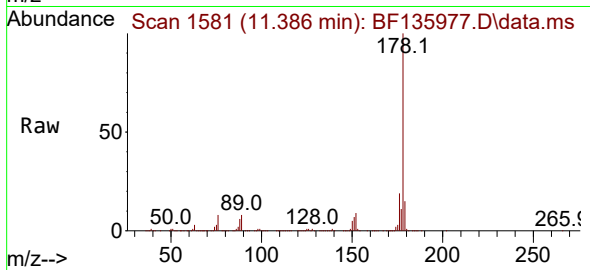
#71
Phenanthrene
Concen: 40.873 ng
RT: 11.386 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 1333472
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.3 12.5 18.7

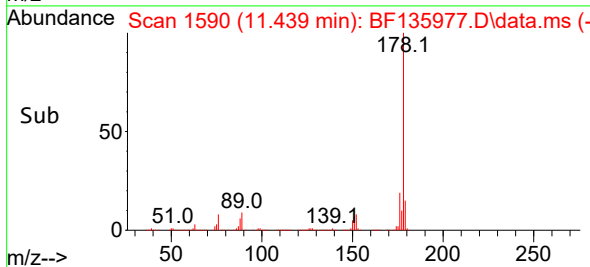
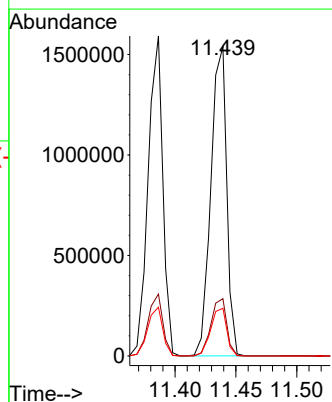
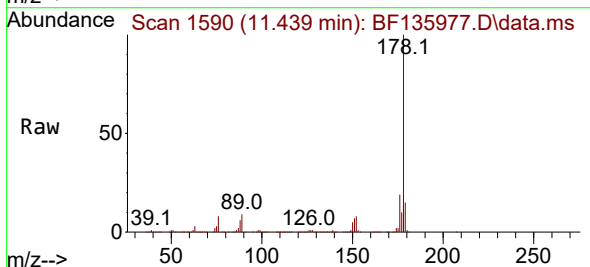
Manual Integrations
APPROVED

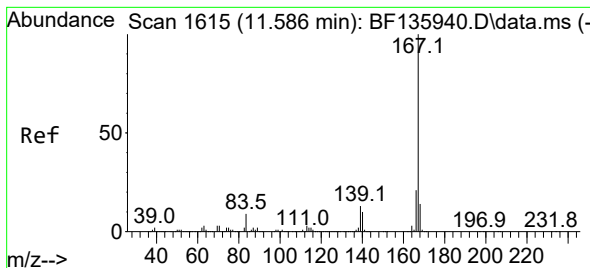
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023



#72
Anthracene
Concen: 41.705 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

Tgt Ion:178 Resp: 1393179
Ion Ratio Lower Upper
178 100
176 18.5 14.9 22.3
179 15.4 12.5 18.7





#73

Carbazole

Concen: 41.132 ng

RT: 11.592 min Scan# 1615

Delta R.T. 0.006 min

Lab File: BF135977.D

Acq: 27 Oct 2023 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:167 Resp: 122572

Ion Ratio Lower Upper

167 100

166 21.9 17.0 25.6

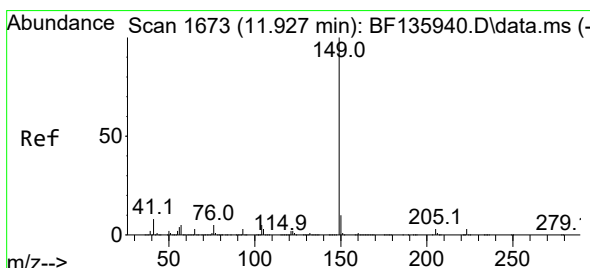
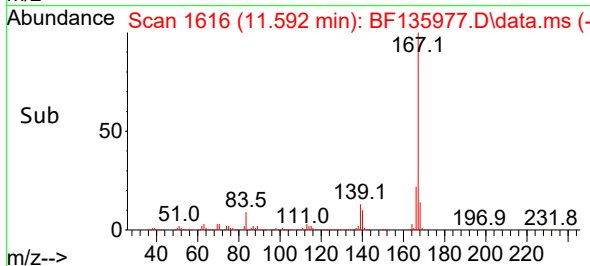
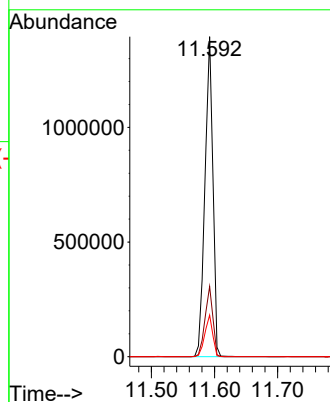
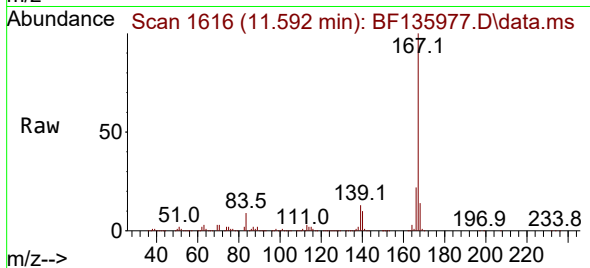
139 13.0 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/28/2023

Supervised By :mohammad ahmed 10/28/2023



#74

Di-n-butylphthalate

Concen: 42.750 ng

RT: 11.933 min Scan# 1674

Delta R.T. 0.006 min

Lab File: BF135977.D

Acq: 27 Oct 2023 10:43

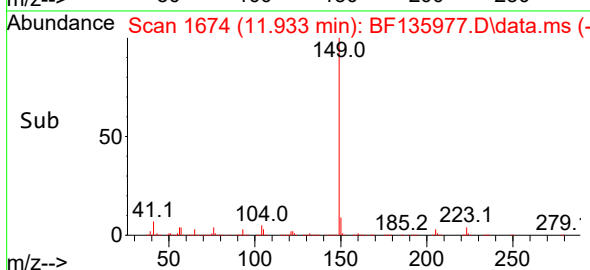
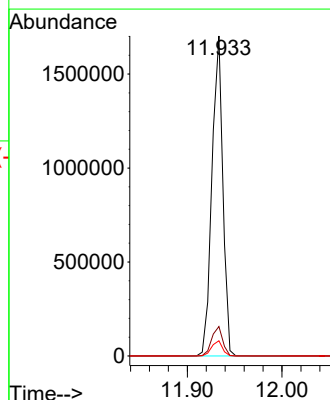
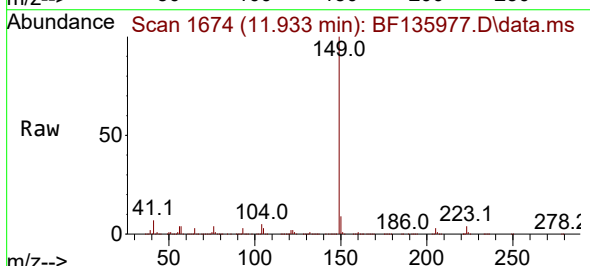
Tgt Ion:149 Resp: 1355608

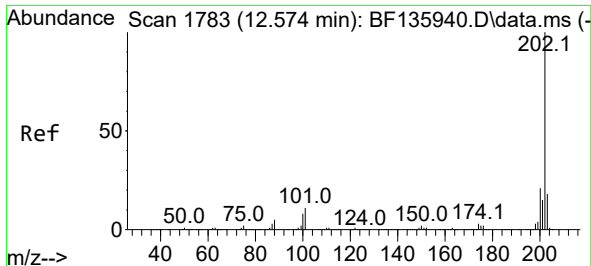
Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

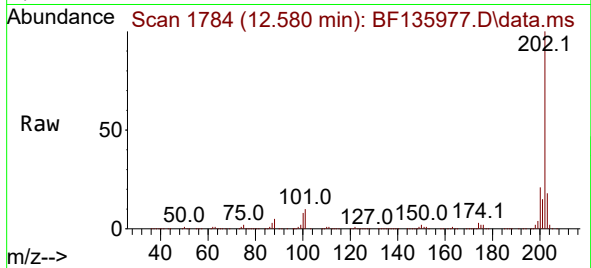
104 4.8 3.9 5.9





#75
Fluoranthene
Concen: 41.577 ng
RT: 12.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

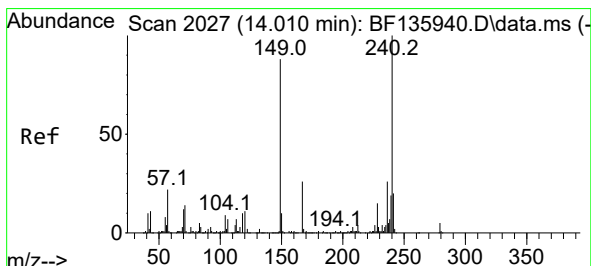
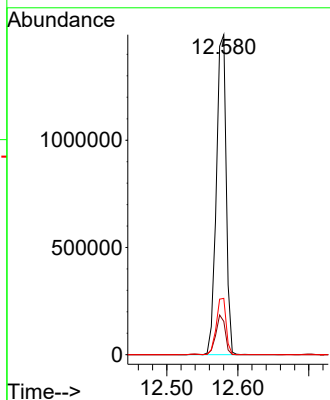
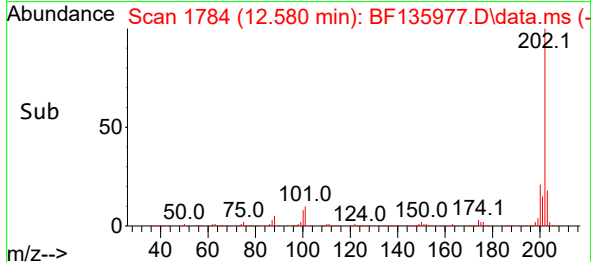
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 1427050
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.6
203 17.6 0.0 37.5

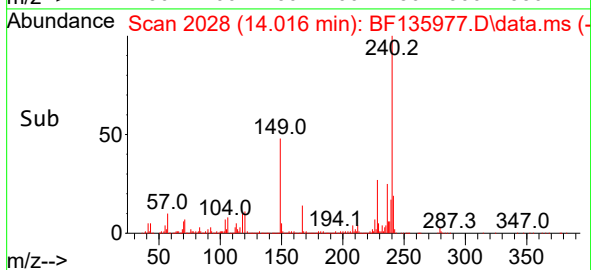
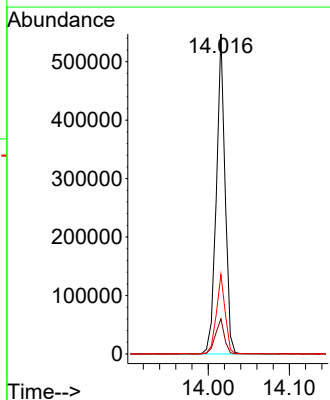
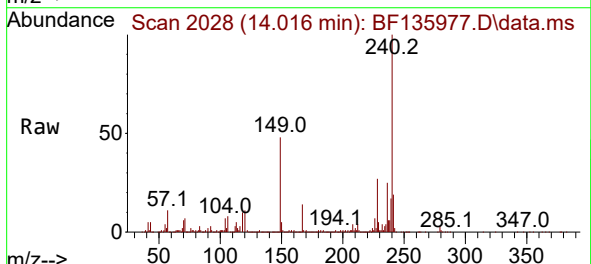
Manual Integrations
APPROVED

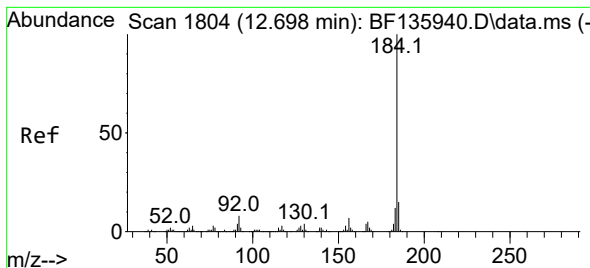
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

Tgt Ion:240 Resp: 408476
Ion Ratio Lower Upper
240 100
120 11.0 8.6 13.0
236 24.9 20.6 30.8





#77

Benzidine

Concen: 51.378 ng

RT: 12.704 min Scan# 1805

Delta R.T. 0.006 min

Lab File: BF135977.D

Acq: 27 Oct 2023 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:184 Resp: 404668

Ion Ratio Lower Upper

184 100

185 14.7 11.7 17.5

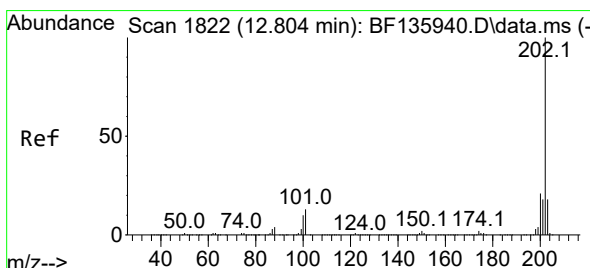
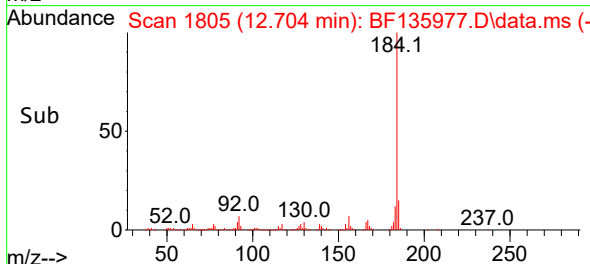
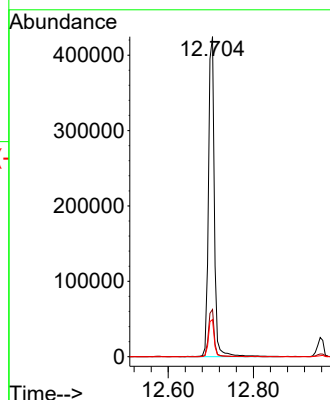
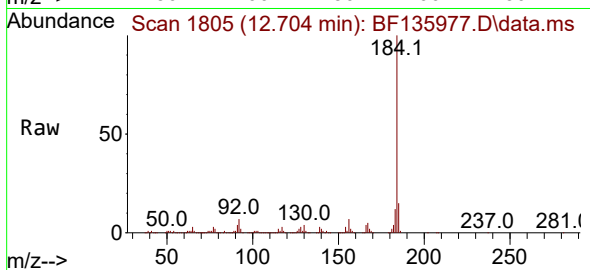
183 11.6 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/28/2023

Supervised By :mohammad ahmed 10/28/2023



#78

Pyrene

Concen: 42.203 ng

RT: 12.810 min Scan# 1823

Delta R.T. 0.006 min

Lab File: BF135977.D

Acq: 27 Oct 2023 10:43

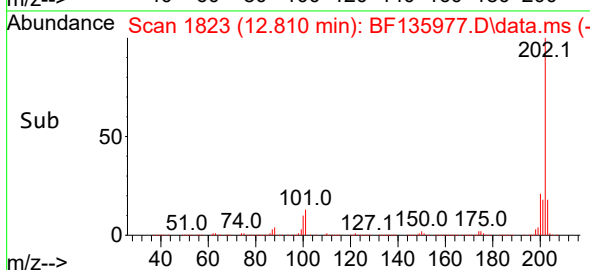
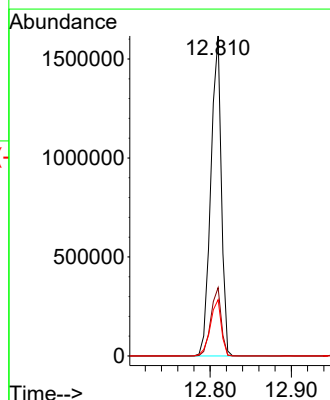
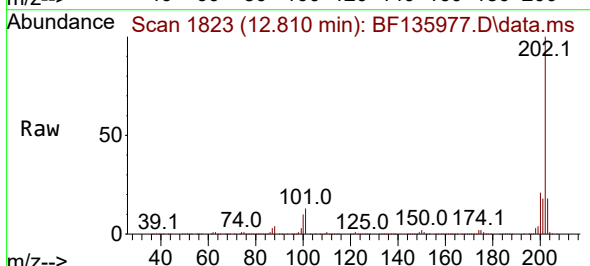
Tgt Ion:202 Resp: 1447436

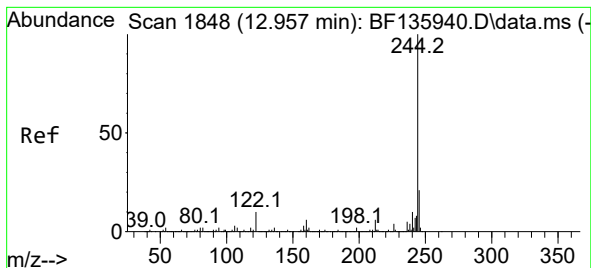
Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.6

203 17.6 14.5 21.7





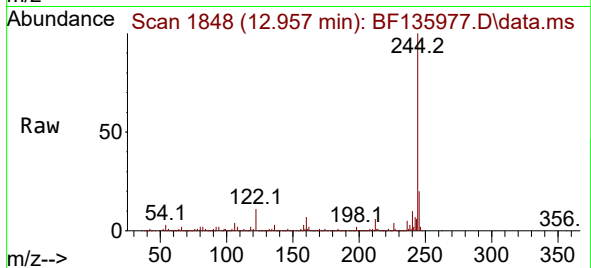
#79
 Terphenyl-d14
 Concen: 83.273 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: BF135977.D
 Acq: 27 Oct 2023 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



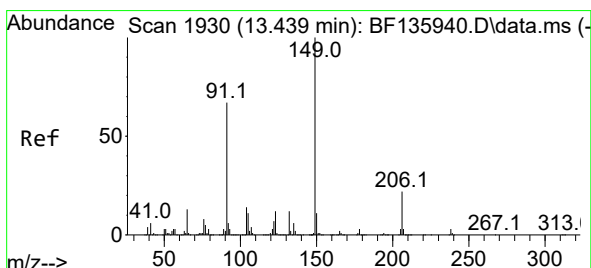
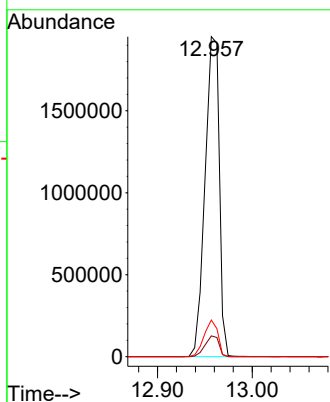
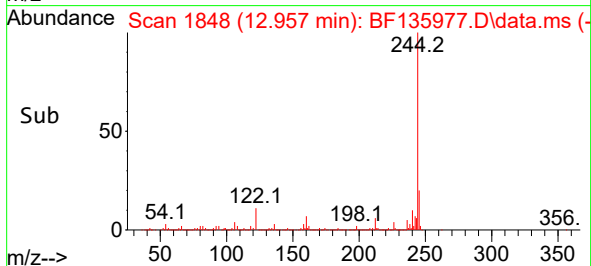
Tgt Ion:244 Resp: 2035879
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.6
 122 11.5 8.0 12.0

Manual Integrations

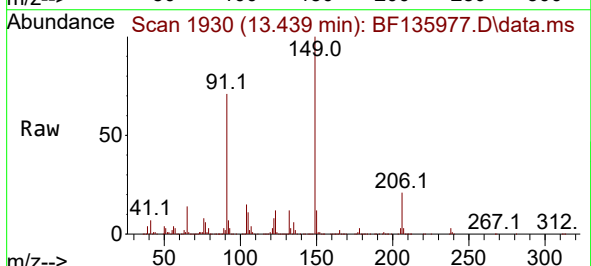
APPROVED

Reviewed By :Yogesh Patel 10/28/2023

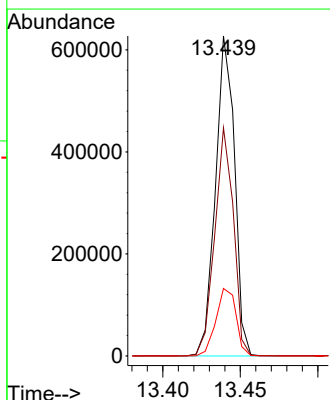
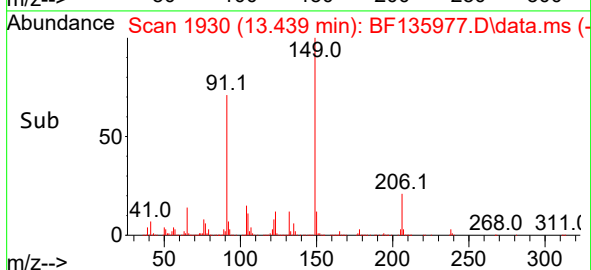
Supervised By :mohammad ahmed 10/28/2023

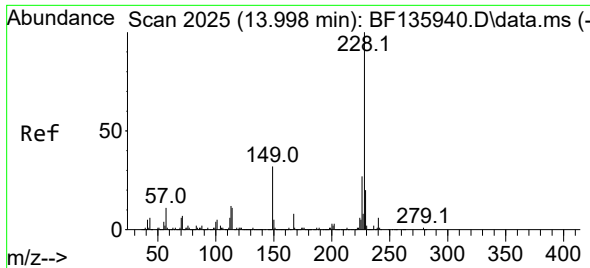


#80
 Butylbenzylphthalate
 Concen: 41.978 ng
 RT: 13.439 min Scan# 1930
 Delta R.T. 0.000 min
 Lab File: BF135977.D
 Acq: 27 Oct 2023 10:43



Tgt Ion:149 Resp: 537355
 Ion Ratio Lower Upper
 149 100
 91 71.3 53.4 80.0
 206 21.1 17.5 26.3





#81
Benzo(a)anthracene
Concen: 40.231 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

Instrument :

BNA_F

ClientSampleId :

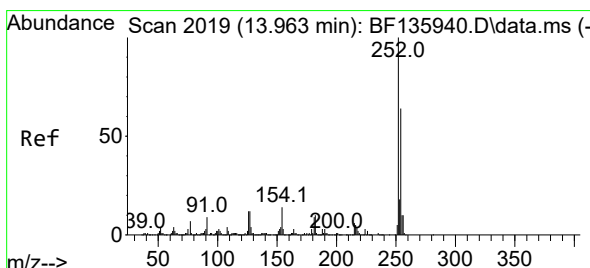
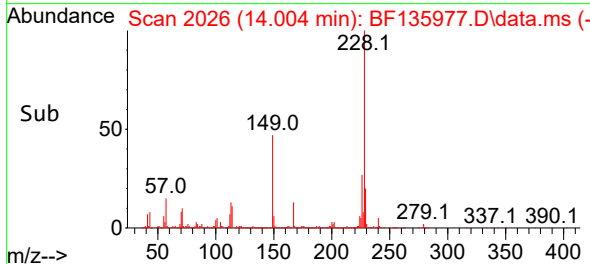
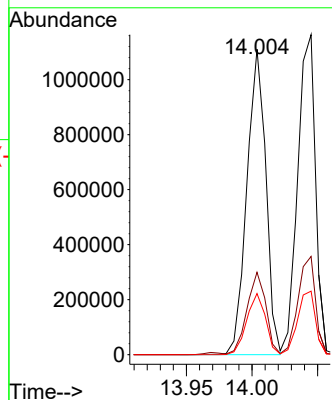
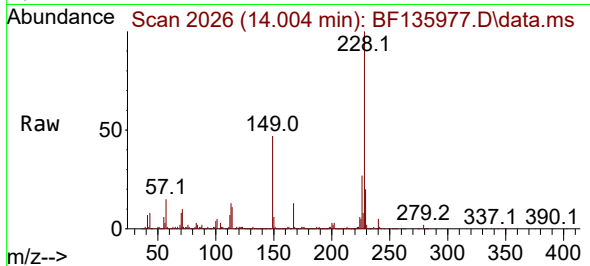
SSTDCCC040

Tgt Ion:228 Resp: 111738
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.6
229 20.0 16.2 24.4

Manual Integrations

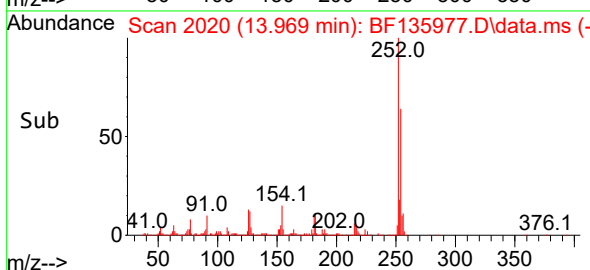
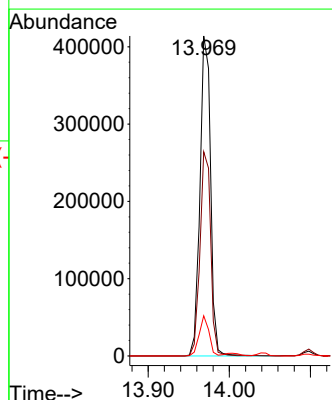
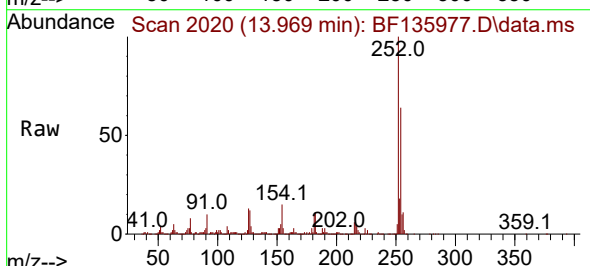
APPROVED

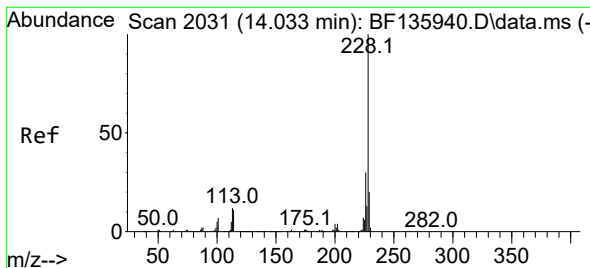
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023



#82
3,3'-Dichlorobenzidine
Concen: 44.668 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

Tgt Ion:252 Resp: 377440
Ion Ratio Lower Upper
252 100
254 63.8 50.9 76.3
126 12.6 9.8 14.6





#83

Chrysene

Concen: 40.597 ng

RT: 14.045 min Scan# 2031

Delta R.T. 0.012 min

Lab File: BF135977.D

Acq: 27 Oct 2023 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 109817

Ion Ratio Lower Upper

228 100

226 30.7 23.9 35.9

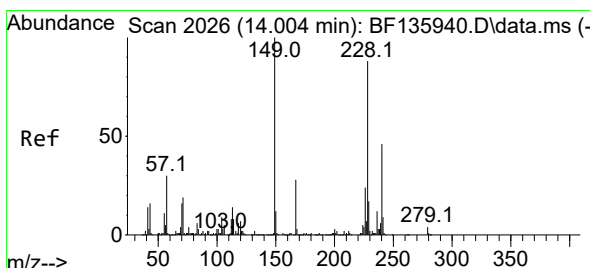
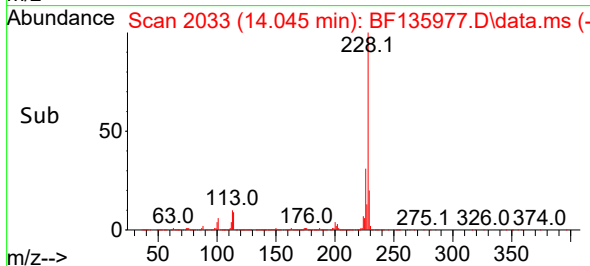
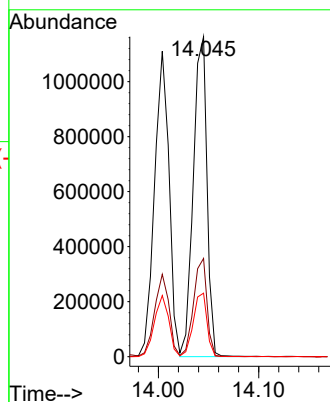
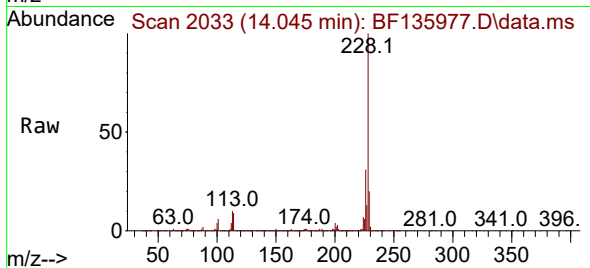
229 19.8 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/28/2023

Supervised By :mohammad ahmed 10/28/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.270 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF135977.D

Acq: 27 Oct 2023 10:43

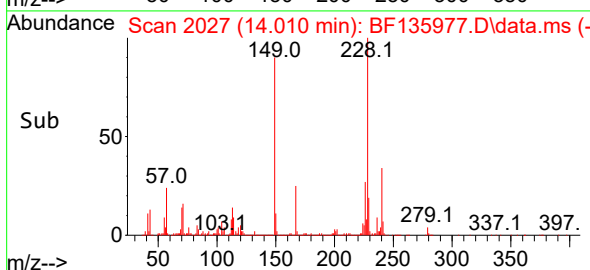
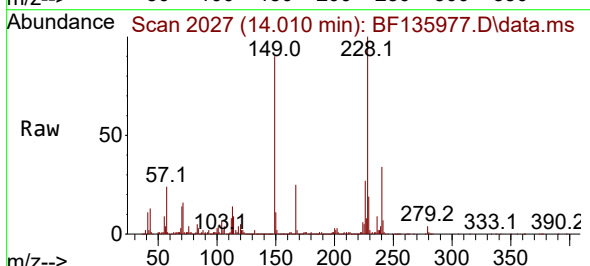
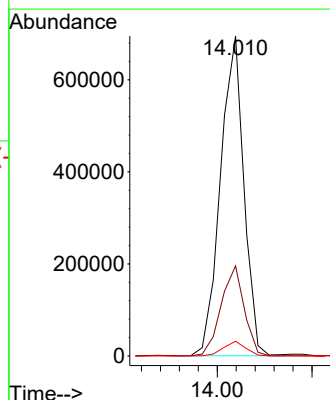
Tgt Ion:149 Resp: 596148

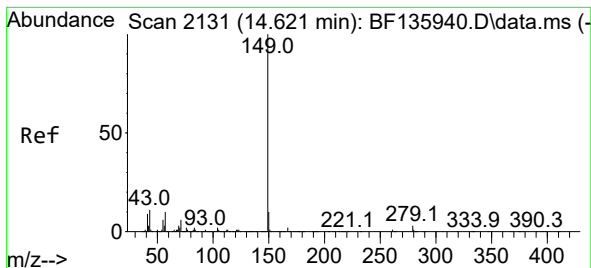
Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.2

279 4.6 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 43.316 ng

RT: 14.627 min Scan# 2131

Delta R.T. 0.006 min

Lab File: BF135977.D

Acq: 27 Oct 2023 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

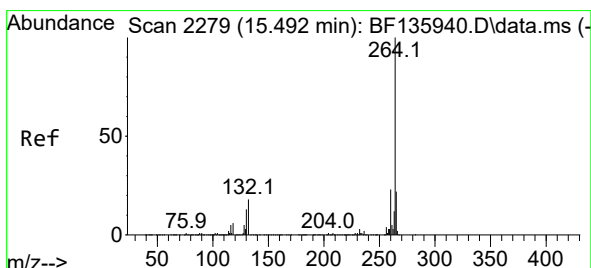
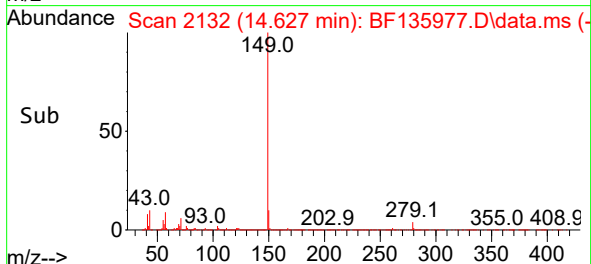
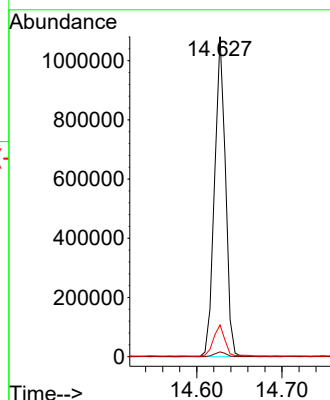
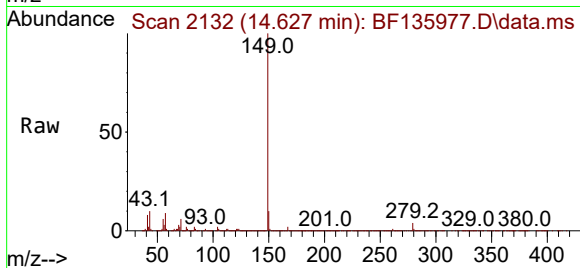
Tgt Ion:149 Resp: 962358
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.2 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/28/2023

Supervised By :mohammad ahmed 10/28/2023



#86

Perylene-d12

Concen: 20.000 ng

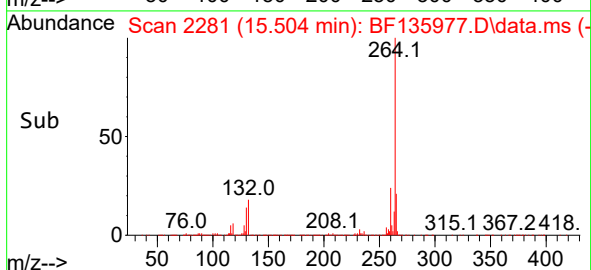
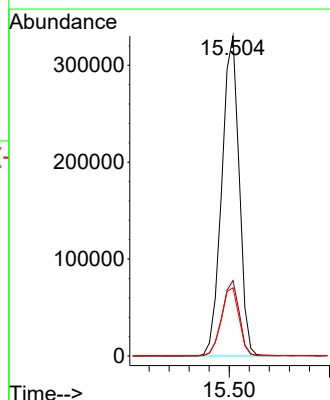
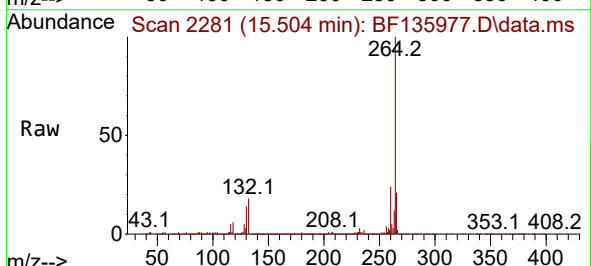
RT: 15.504 min Scan# 2281

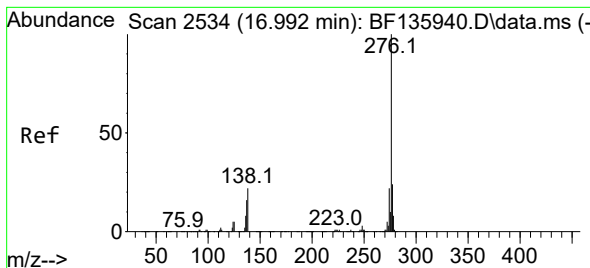
Delta R.T. 0.012 min

Lab File: BF135977.D

Acq: 27 Oct 2023 10:43

Tgt Ion:264 Resp: 396175
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 21.3 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.563 ng

RT: 17.015 min Scan# 21

Delta R.T. 0.023 min

Lab File: BF135977.D

Acq: 27 Oct 2023 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 1001079

Ion Ratio Lower Upper

276 100

138 26.6 21.8 32.6

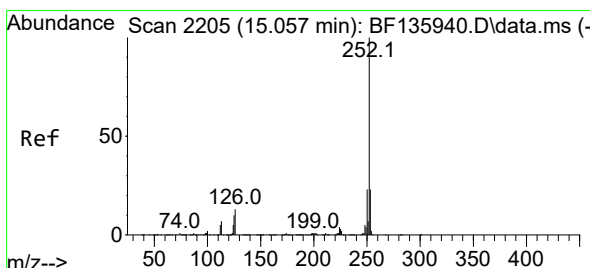
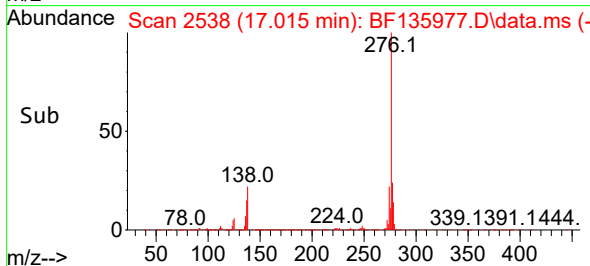
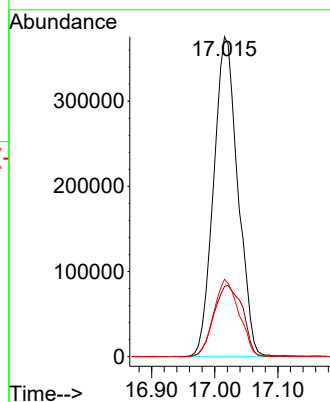
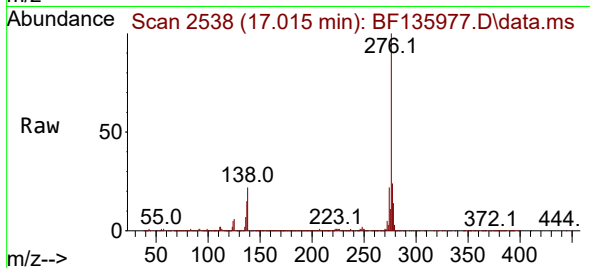
277 25.4 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/28/2023

Supervised By :mohammad ahmed 10/28/2023



#88

Benzo(b)fluoranthene

Concen: 40.706 ng

RT: 15.063 min Scan# 2206

Delta R.T. 0.006 min

Lab File: BF135977.D

Acq: 27 Oct 2023 10:43

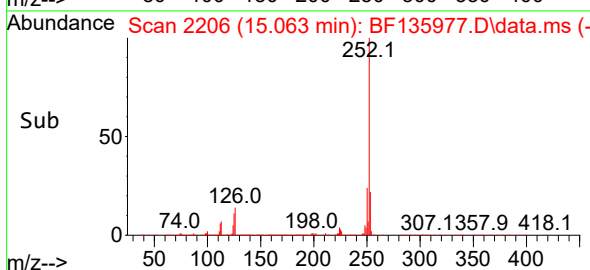
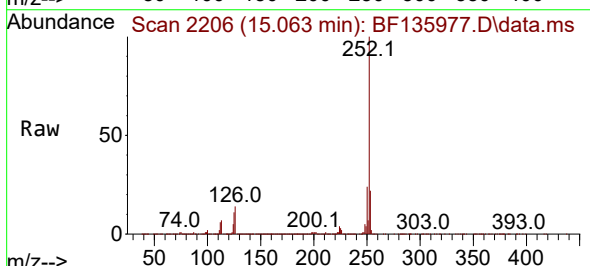
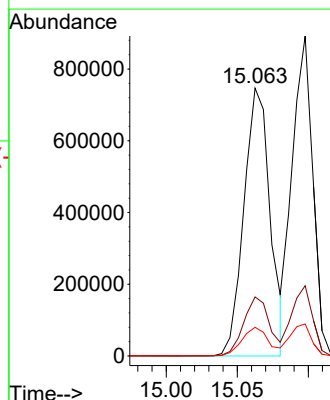
Tgt Ion:252 Resp: 959729

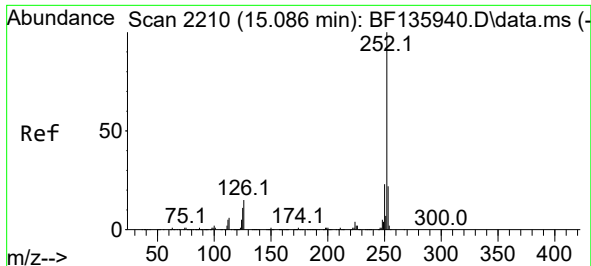
Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

125 10.7 8.2 12.4





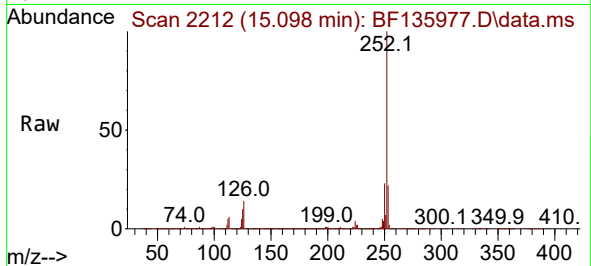
#89
Benzo(k)fluoranthene
Concen: 38.847 ng
RT: 15.098 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

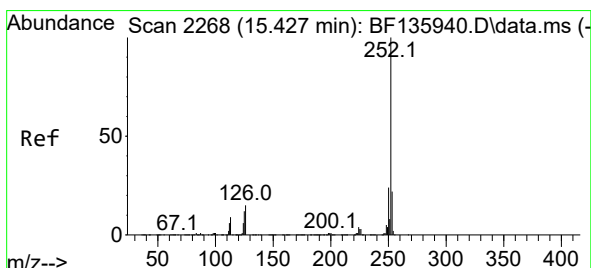
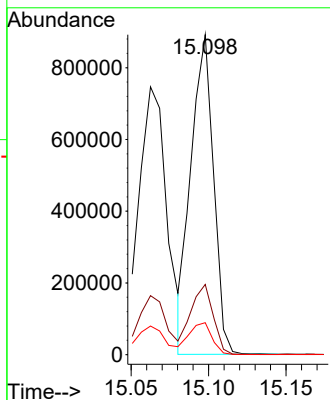
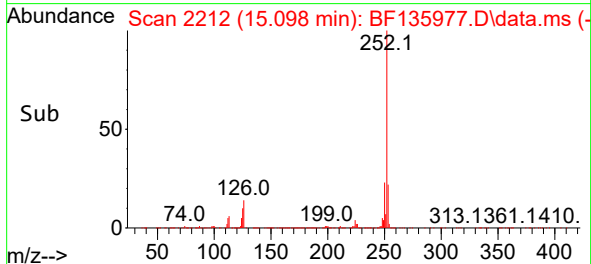


Tgt Ion:252 Resp: 899528
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 10.0 8.5 12.7

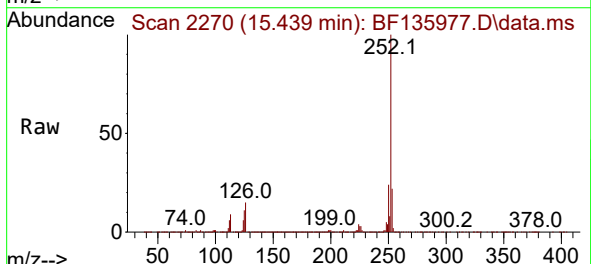
Manual Integrations

APPROVED

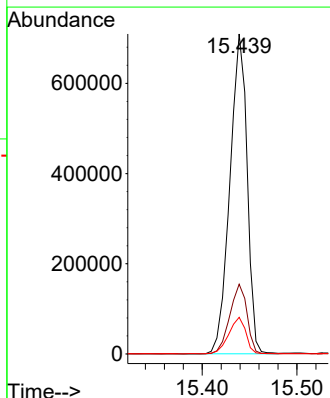
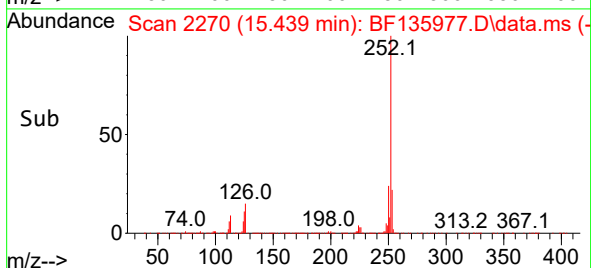
Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023

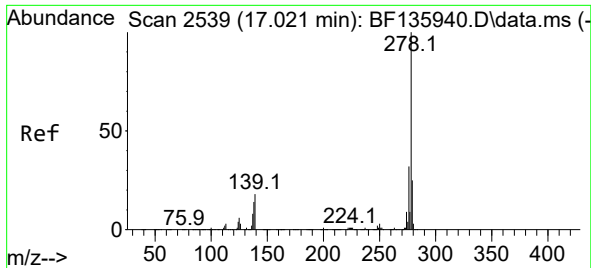


#90
Benzo(a)pyrene
Concen: 41.276 ng
RT: 15.439 min Scan# 2270
Delta R.T. 0.012 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43



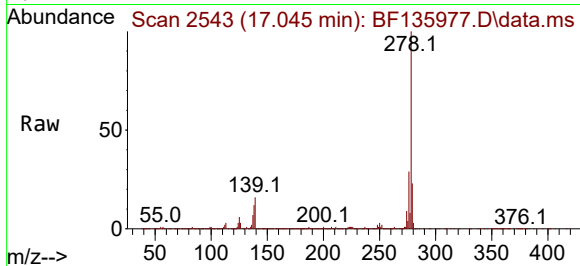
Tgt Ion:252 Resp: 896925
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 11.5 9.6 14.4





#91
Dibenzo(a,h)anthracene
Concen: 42.897 ng
RT: 17.045 min Scan# 2543
Delta R.T. 0.024 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43

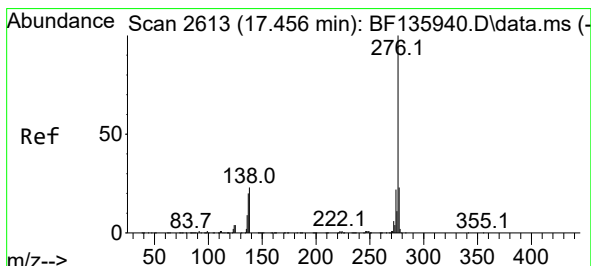
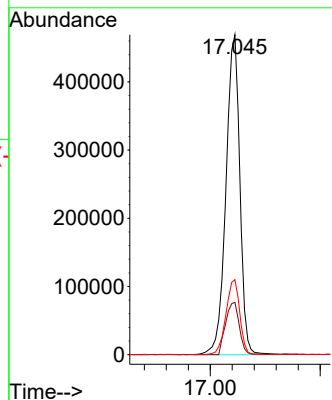
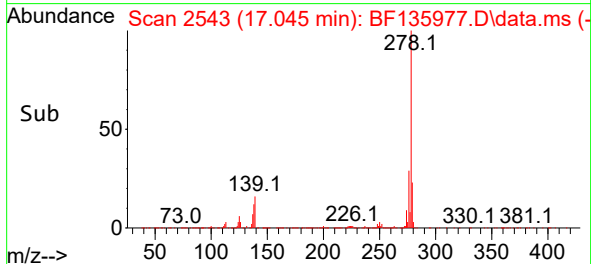
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



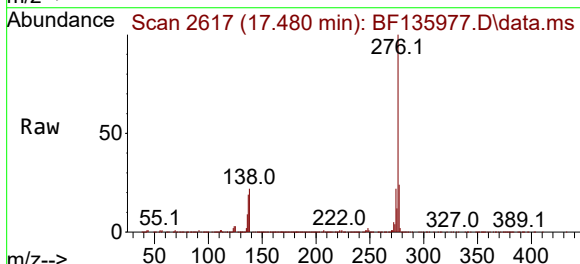
Tgt Ion:278 Resp: 82426
Ion Ratio Lower Upper
278 100
139 16.3 14.0 21.0
279 23.4 19.7 29.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023



#92
Benzo(g,h,i)perylene
Concen: 38.961 ng
RT: 17.480 min Scan# 2617
Delta R.T. 0.024 min
Lab File: BF135977.D
Acq: 27 Oct 2023 10:43



Tgt Ion:276 Resp: 834407
Ion Ratio Lower Upper
276 100
277 23.6 18.6 28.0
138 22.2 18.4 27.6

