

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
 Data File : BF134238.D
 Acq On : 12 Jul 2023 10:03
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/13/2023

Supervised By :mohammad ahmed 07/13/2023

Quant Time: Jul 12 20:24:19 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jul 11 13:06:48 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	103594	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	387763	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	200388	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	397665	20.000	ng	0.00
76) Chrysene-d12	14.045	240	214549	20.000	ng	0.00
86) Perylene-d12	15.551	264	189878	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	488550	78.888	ng	0.00
7) Phenol-d6	6.492	99	597560	78.460	ng	0.00
23) Nitrobenzene-d5	7.416	82	588795	81.852	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	209891	83.540	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1097351	79.617	ng	0.00
79) Terphenyl-d14	12.980	244	1178307	88.390	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.616	88	99831	39.095	ng	100
3) Pyridine	3.404	79	259555	39.023	ng	98
4) n-Nitrosodimethylamine	3.369	42	149863	39.450	ng	97
6) Aniline	6.516	93	364253	39.303	ng	96
8) 2-Chlorophenol	6.634	128	251756	40.046	ng	99
9) Benzaldehyde	6.404	77	167455	40.018	ng	99
10) Phenol	6.504	94	314013	39.213	ng	94
11) bis(2-Chloroethyl)ether	6.587	93	231687	39.299	ng	100
12) 1,3-Dichlorobenzene	6.787	146	267502	39.912	ng	99
13) 1,4-Dichlorobenzene	6.863	146	270223	39.917	ng	99
14) 1,2-Dichlorobenzene	7.016	146	253003	39.906	ng	99
15) Benzyl Alcohol	6.992	79	240419	40.948	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.122	45	380131	36.446	ng	95
17) 2-Methylphenol	7.104	107	224781	39.929	ng	97
18) Hexachloroethane	7.351	117	102375	40.785	ng	94
19) n-Nitroso-di-n-propyla...	7.263	70	188709	39.071	ng	99
20) 3+4-Methylphenols	7.257	107	277223	40.592	ng	95
22) Acetophenone	7.257	105	355199	40.278	ng	98
24) Nitrobenzene	7.434	77	295658	40.673	ng	96
25) Isophorone	7.669	82	523007	40.005	ng	98
26) 2-Nitrophenol	7.745	139	142832	40.960	ng	92
27) 2,4-Dimethylphenol	7.786	122	220491	39.945	ng	95
28) bis(2-Chloroethoxy)met...	7.881	93	296702	39.195	ng	99
29) 2,4-Dichlorophenol	7.986	162	218980	40.007	ng	96
30) 1,2,4-Trichlorobenzene	8.069	180	224251	39.706	ng	98
31) Naphthalene	8.151	128	739440	39.479	ng	99
32) Benzoic acid	7.910	122	147394m	35.635	ng	
33) 4-Chloroaniline	8.204	127	318777	39.787	ng	97
34) Hexachlorobutadiene	8.263	225	149050	41.836	ng	97
35) Caprolactam	8.586	113	70482	39.108	ng	96
36) 4-Chloro-3-methylphenol	8.686	107	251299	40.868	ng	97
37) 2-Methylnaphthalene	8.839	142	522426	39.443	ng	99
38) 1-Methylnaphthalene	8.939	142	485505	39.429	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	241426	40.666	ng	97
41) Hexachlorocyclopentadiene	8.992	237	108004	38.346	ng	96
43) 2,4,6-Trichlorophenol	9.122	196	160301	39.664	ng	99

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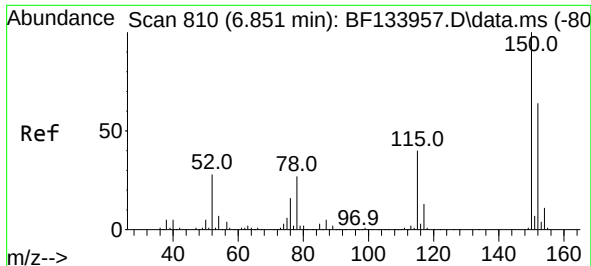
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/13/2023
 Supervised By :mohammad ahmed 07/13/2023

Quant Time: Jul 12 20:24:19 2023
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 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	188893	39.735	ng	96
46) 1,1'-Biphenyl	9.310	154	632258	39.333	ng	97
47) 2-Chloronaphthalene	9.333	162	461167	39.211	ng	97
48) 2-Nitroaniline	9.433	65	170518	39.782	ng	99
49) Acenaphthylene	9.751	152	782551	38.951	ng	100
50) Dimethylphthalate	9.610	163	586851	40.344	ng	99
51) 2,6-Dinitrotoluene	9.680	165	126173	40.272	ng	98
52) Acenaphthene	9.922	154	458231	39.307	ng	98
53) 3-Nitroaniline	9.851	138	146890	39.081	ng	98
54) 2,4-Dinitrophenol	9.963	184	80189	46.043	ng	96
55) Dibenzofuran	10.098	168	708776	38.902	ng	99
56) 4-Nitrophenol	10.016	139	103071	39.204	ng	95
57) 2,4-Dinitrotoluene	10.086	165	170167	41.127	ng	91
58) Fluorene	10.439	166	562069	39.654	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	145414	38.779	ng	99
60) Diethylphthalate	10.310	149	612551	40.419	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	276532	40.483	ng	95
62) 4-Nitroaniline	10.469	138	143716	37.941	ng	95
63) Azobenzene	10.592	77	559289	39.015	ng	97
65) 4,6-Dinitro-2-methylph...	10.498	198	92166	42.511	ng	84
66) n-Nitrosodiphenylamine	10.551	169	496369	39.067	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	172601	40.836	ng	93
68) Hexachlorobenzene	10.992	284	182546	40.676	ng	94
69) Atrazine	11.080	200	143417	40.808	ng	98
70) Pentachlorophenol	11.186	266	103519	38.579	ng	98
71) Phenanthrene	11.410	178	787118	39.318	ng	99
72) Anthracene	11.463	178	818666	39.317	ng	100
73) Carbazole	11.622	167	747675	39.230	ng	99
74) Di-n-butylphthalate	11.945	149	937609	41.369	ng	99
75) Fluoranthene	12.604	202	845452	39.064	ng	99
77) Benzidine	12.727	184	193510	37.906	ng	99
78) Pyrene	12.839	202	839076	42.024	ng	99
80) Butylbenzylphthalate	13.457	149	339251	45.303	ng	99
81) Benzo(a)anthracene	14.033	228	581284	39.066	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	181875	38.581	ng	98
83) Chrysene	14.074	228	554457	38.473	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	405841	47.165	ng	100
85) Di-n-octyl phthalate	14.639	149	547161	43.276	ng	100
87) Indeno(1,2,3-cd)pyrene	17.109	276	574770	43.624	ng	97
88) Benzo(b)fluoranthene	15.110	252	432159	38.707	ng	99
89) Benzo(k)fluoranthene	15.139	252	436072	38.361	ng	97
90) Benzo(a)pyrene	15.492	252	422512	39.135	ng	98
91) Dibenzo(a,h)anthracene	17.127	278	478816	44.492	ng	96
92) Benzo(g,h,i)perylene	17.586	276	477815	43.055	ng	96

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



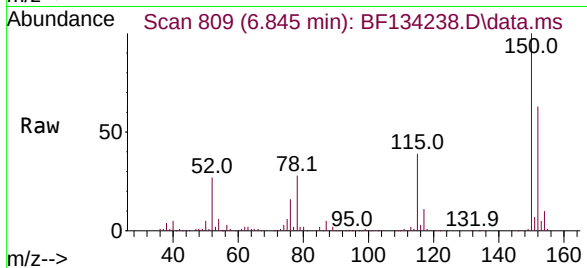
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

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BNA_F

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SSTDCCC040

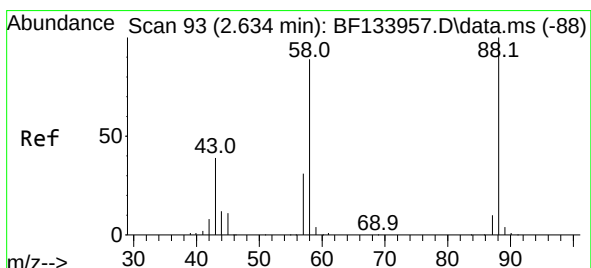
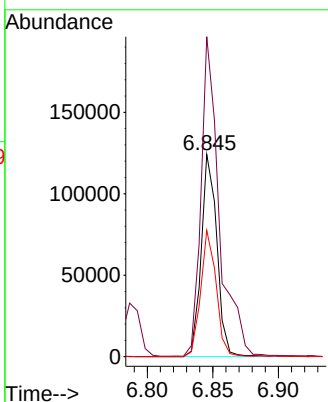
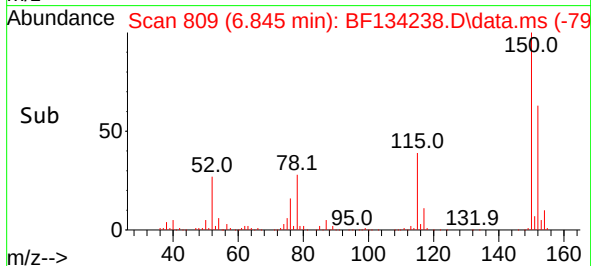


Tgt Ion:152 Resp: 103594
Ion Ratio Lower Upper
152 100
150 158.3 124.5 186.7
115 62.4 50.2 75.2

Manual Integrations

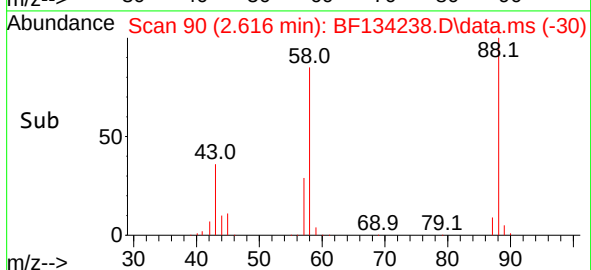
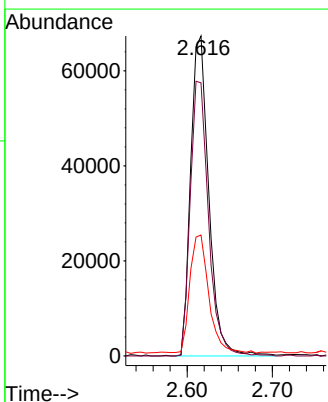
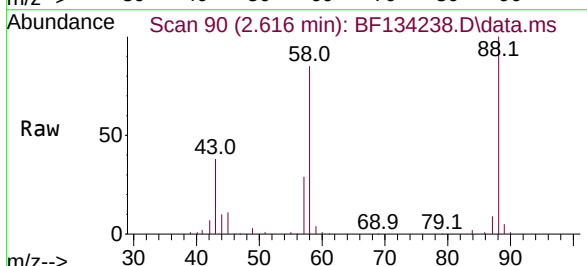
APPROVED

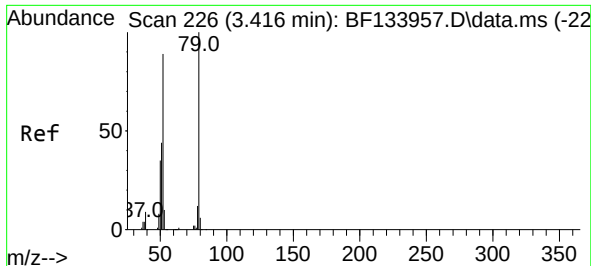
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#2
1,4-Dioxane
Concen: 39.095 ng
RT: 2.616 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

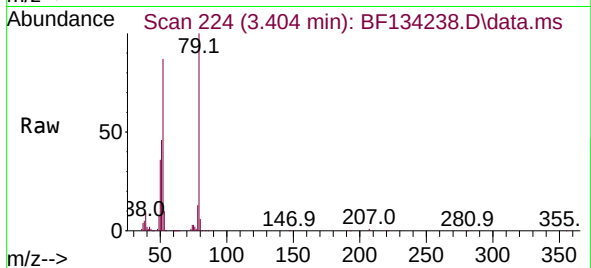
Tgt Ion: 88 Resp: 99831
Ion Ratio Lower Upper
88 100
58 86.1 68.8 103.2
43 37.9 30.7 46.1





#3
Pyridine
Concen: 39.023 ng
RT: 3.404 min Scan# 218
Delta R.T. 0.006 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

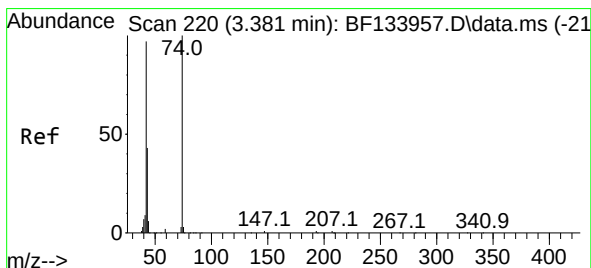
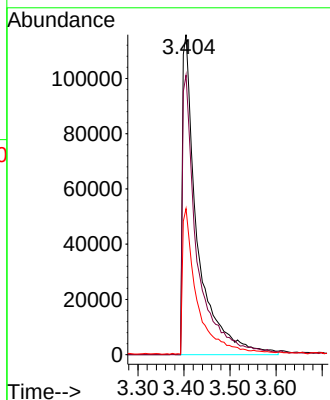
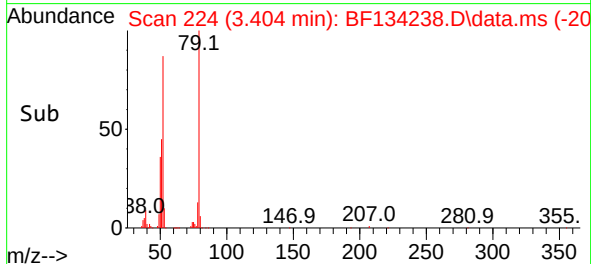
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



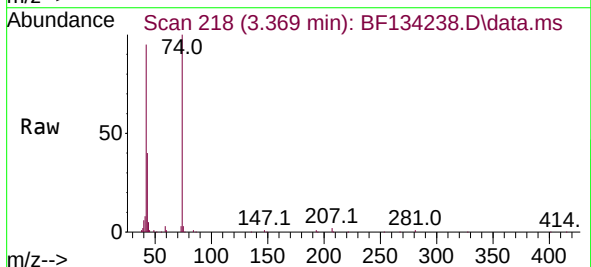
Tgt Ion: 79 Resp: 25955
Ion Ratio Lower Upper
79 100
52 87.3 71.1 106.7
51 45.7 35.2 52.8

Manual Integrations
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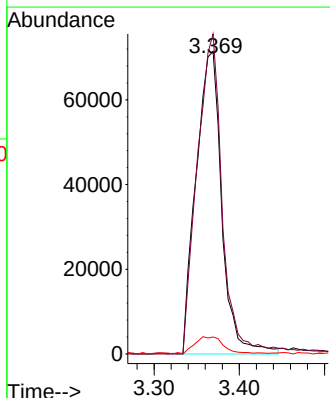
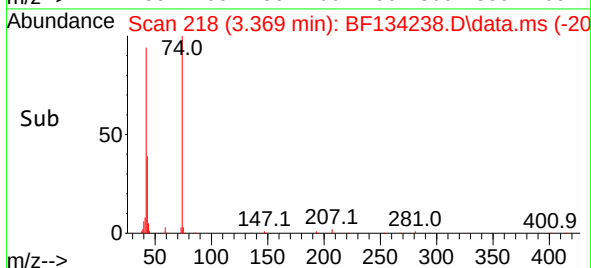
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023

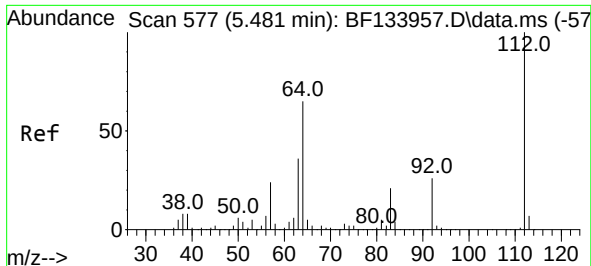


#4
n-Nitrosodimethylamine
Concen: 39.450 ng
RT: 3.369 min Scan# 218
Delta R.T. 0.006 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03



Tgt Ion: 42 Resp: 149863
Ion Ratio Lower Upper
42 100
74 105.8 82.4 123.6
44 5.6 4.9 7.3





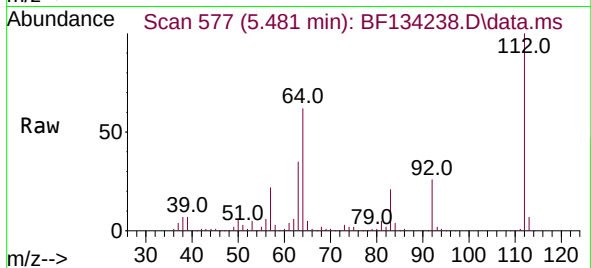
#5
2-Fluorophenol
Concen: 78.888 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



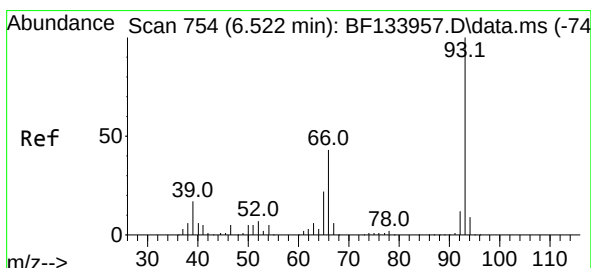
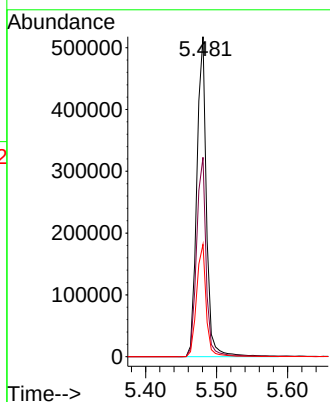
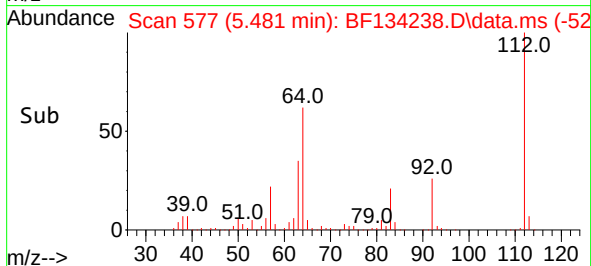
Tgt Ion:112 Resp: 488550
Ion Ratio Lower Upper
112 100
64 62.3 52.1 78.1
63 35.1 28.6 42.8

Manual Integrations

APPROVED

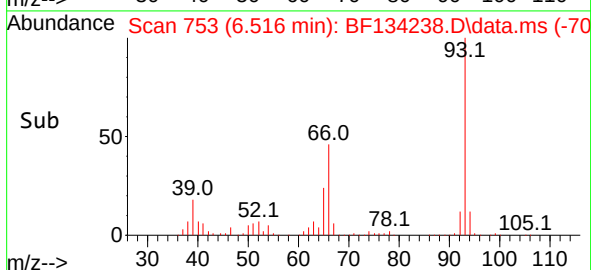
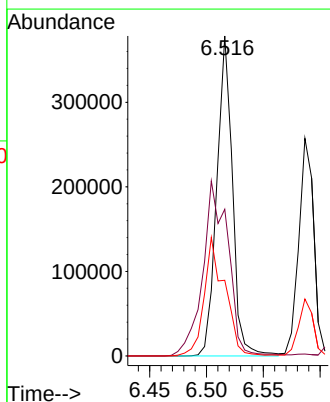
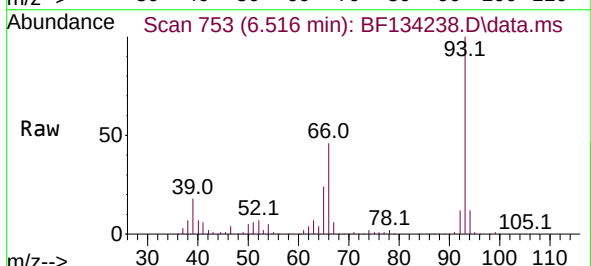
Reviewed By :Yogesh Patel 07/13/2023

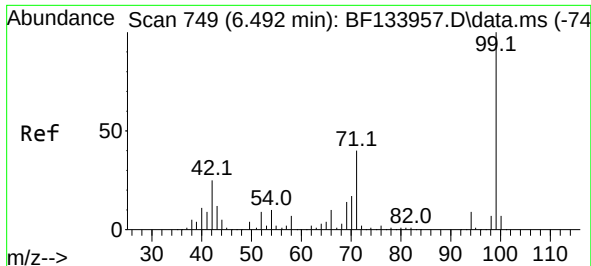
Supervised By :mohammad ahmed 07/13/2023



#6
Aniline
Concen: 39.303 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

Tgt Ion: 93 Resp: 364253
Ion Ratio Lower Upper
93 100
66 45.8 34.5 51.7
65 23.7 17.8 26.6





#7

Phenol-d6

Concen: 78.460 ng

RT: 6.492 min Scan# 749

Delta R.T. 0.006 min

Lab File: BF134238.D

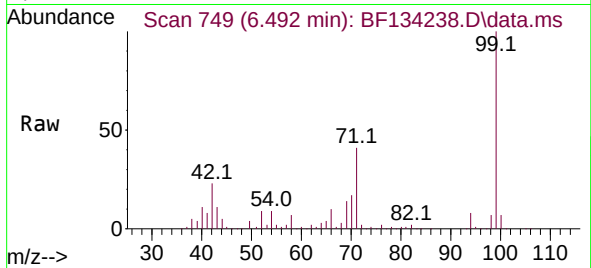
Acq: 12 Jul 2023 10:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



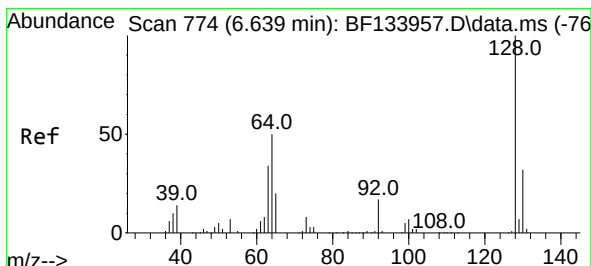
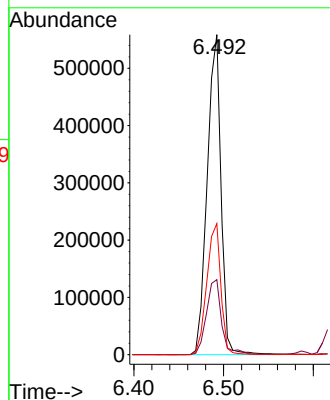
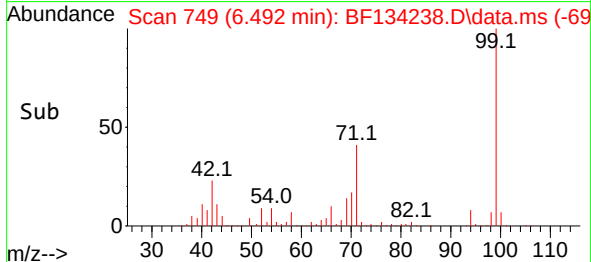
Tgt Ion:	99	Resp:	597560
Ion	Ratio	Lower	Upper
99	100		
42	23.5	19.8	29.6
71	41.0	31.9	47.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/13/2023

Supervised By :mohammad ahmed 07/13/2023



#8

2-Chlorophenol

Concen: 40.046 ng

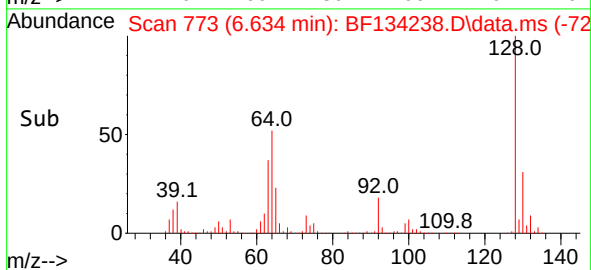
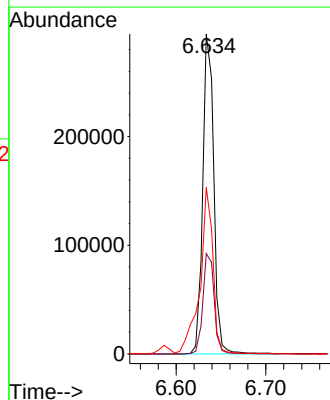
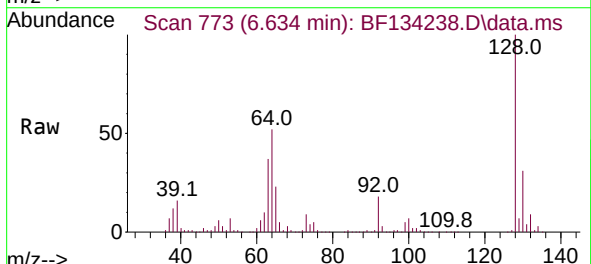
RT: 6.634 min Scan# 773

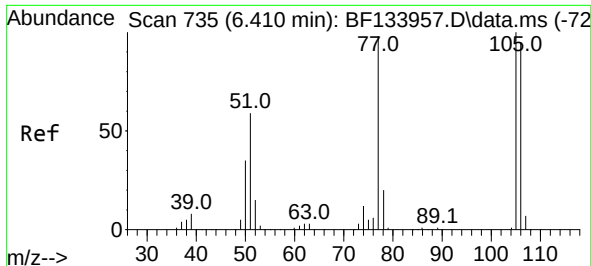
Delta R.T. -0.000 min

Lab File: BF134238.D

Acq: 12 Jul 2023 10:03

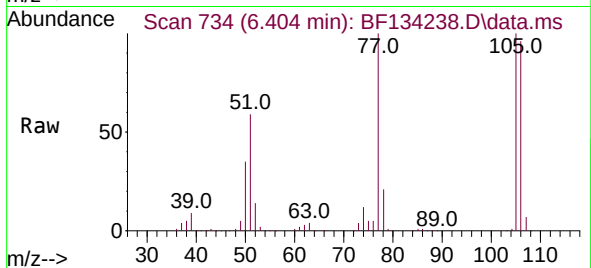
Tgt Ion:	128	Resp:	251756
Ion	Ratio	Lower	Upper
128	100		
130	31.4	11.7	51.7
64	52.1	31.3	71.3





#9
Benzaldehyde
Concen: 40.018 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

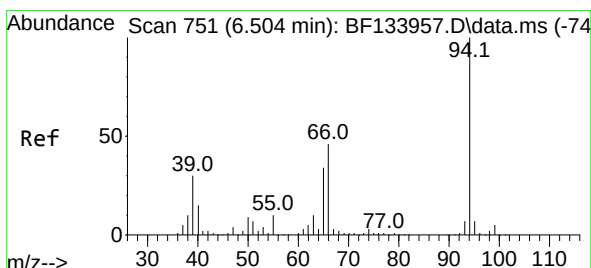
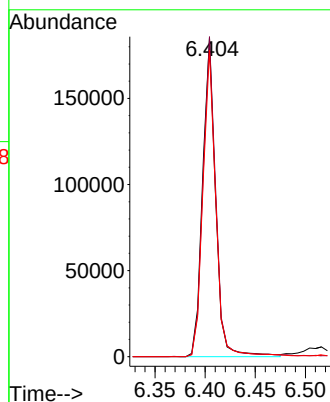
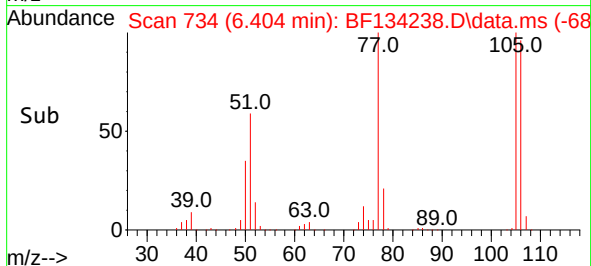
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 16745
Ion Ratio Lower Upper
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105 100.3 82.0 122.0
106 96.1 76.9 116.9

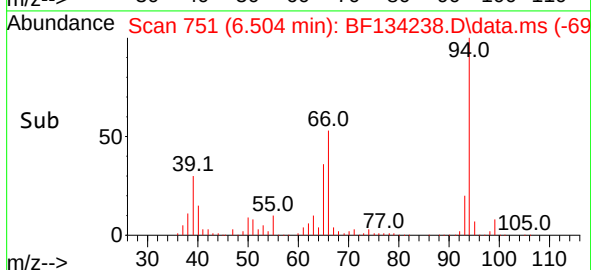
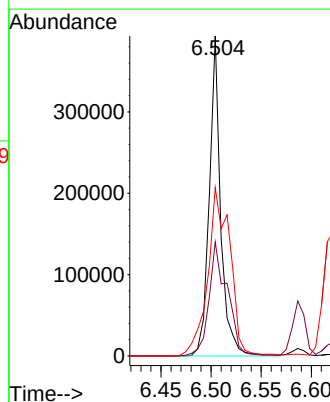
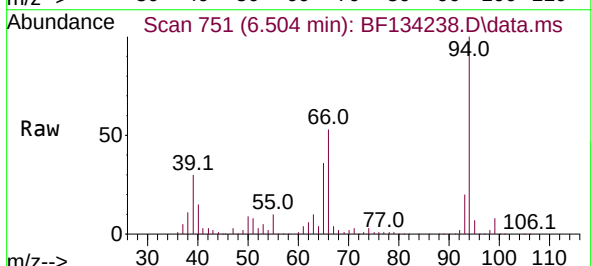
Manual Integrations
APPROVED

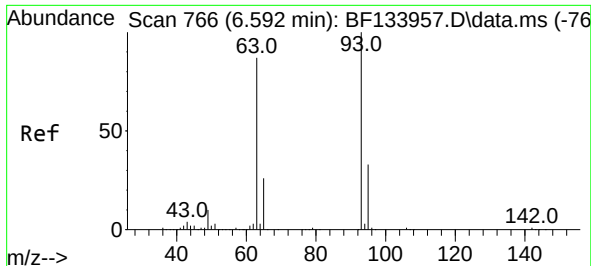
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#10
Phenol
Concen: 39.213 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

Tgt Ion: 94 Resp: 314013
Ion Ratio Lower Upper
94 100
65 35.6 14.2 54.2
66 52.6 26.4 66.4





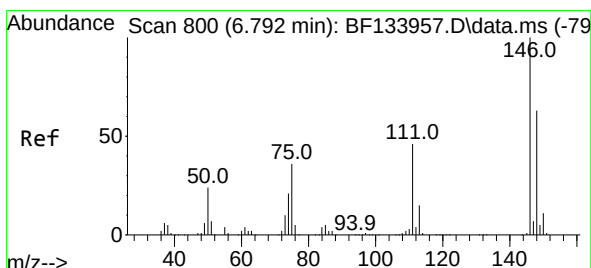
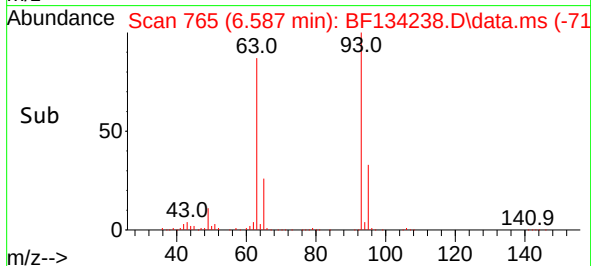
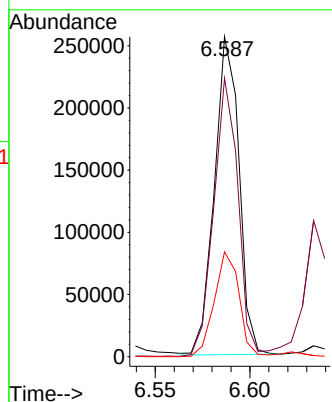
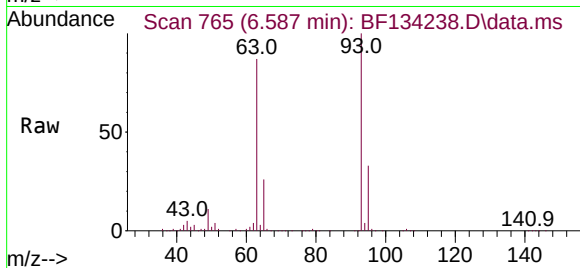
#11
bis(2-Chloroethyl)ether
Concen: 39.299 ng
RT: 6.587 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 23168
Ion Ratio Lower Upper
93 100
63 87.0 66.5 106.5
95 32.8 12.9 52.9

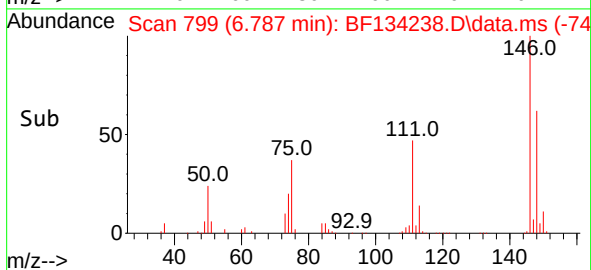
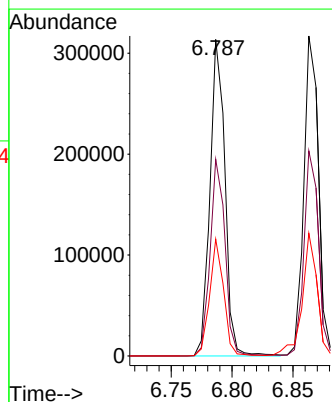
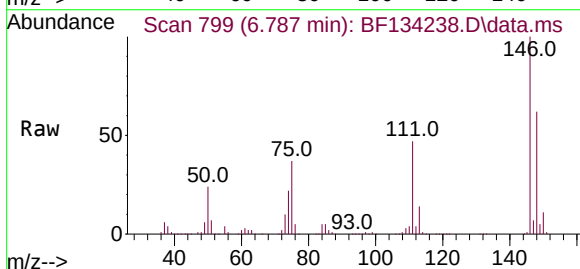
Manual Integrations
APPROVED

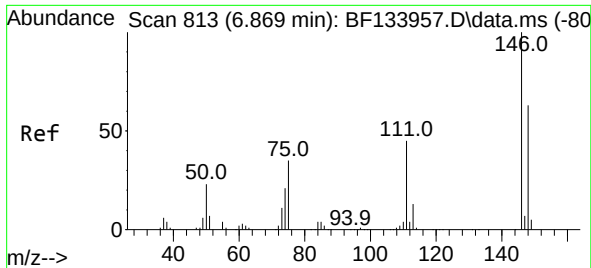
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#12
1,3-Dichlorobenzene
Concen: 39.912 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

Tgt Ion:146 Resp: 267502
Ion Ratio Lower Upper
146 100
148 62.1 50.5 75.7
75 36.9 29.0 43.6





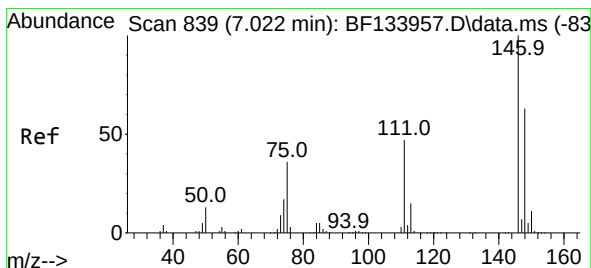
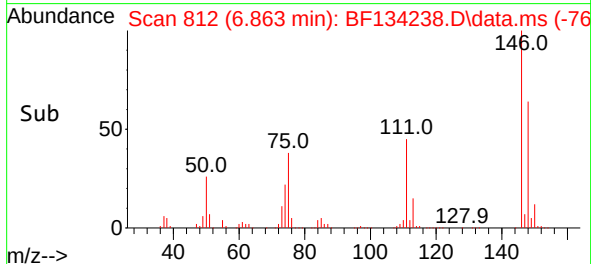
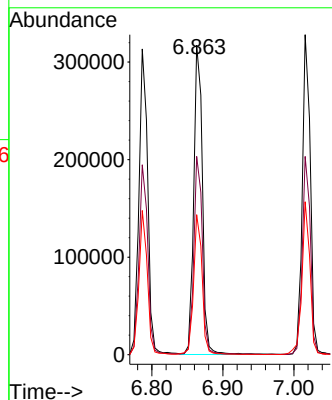
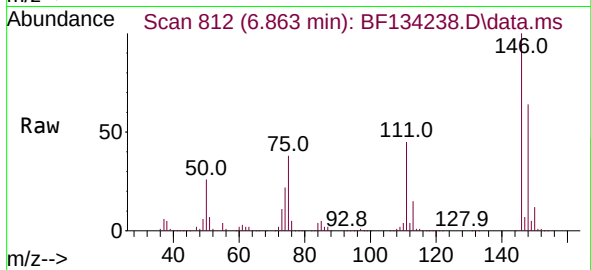
#13
1,4-Dichlorobenzene
Concen: 39.917 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 27022
Ion Ratio Lower Upper
146 100
148 64.1 50.2 75.2
111 45.3 35.8 53.6

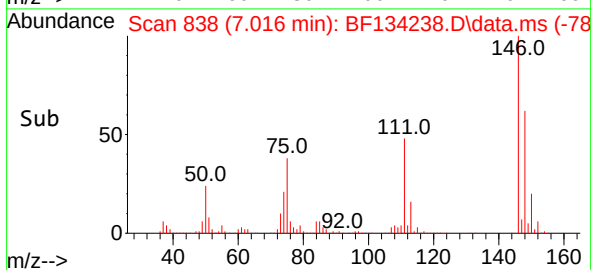
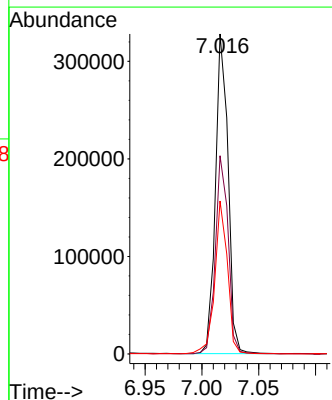
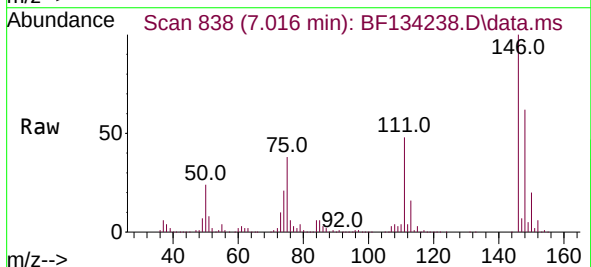
Manual Integrations
APPROVED

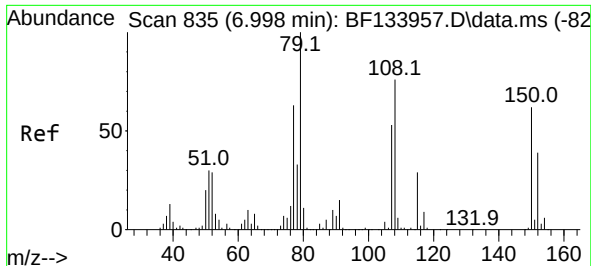
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#14
1,2-Dichlorobenzene
Concen: 39.906 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.000 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

Tgt Ion:146 Resp: 253003
Ion Ratio Lower Upper
146 100
148 61.9 50.6 76.0
111 47.8 38.0 57.0





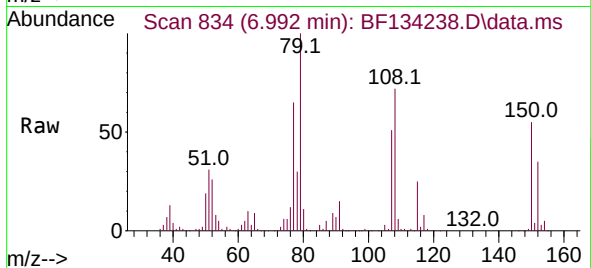
#15
Benzyl Alcohol
Concen: 40.948 ng
RT: 6.992 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

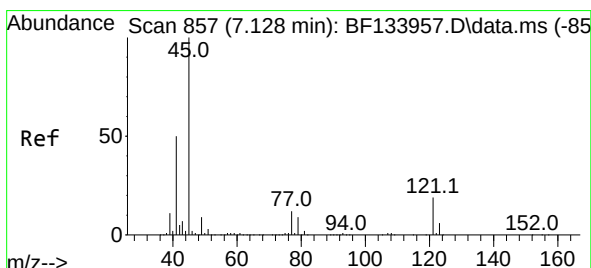
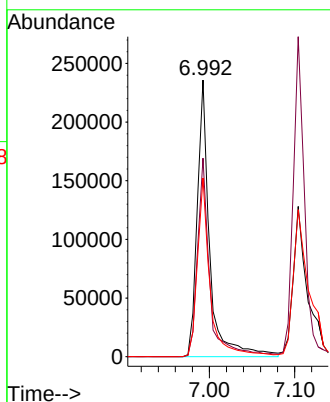
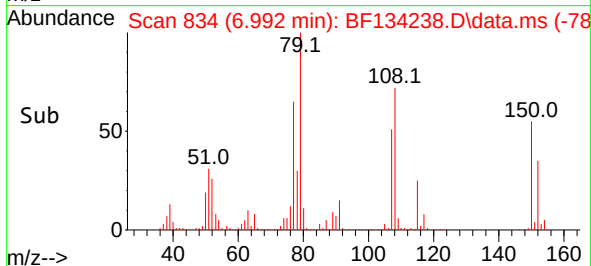


Tgt Ion: 79 Resp: 240419
Ion Ratio Lower Upper
79 100
108 71.8 60.7 91.1
77 64.6 50.6 75.8

Manual Integrations

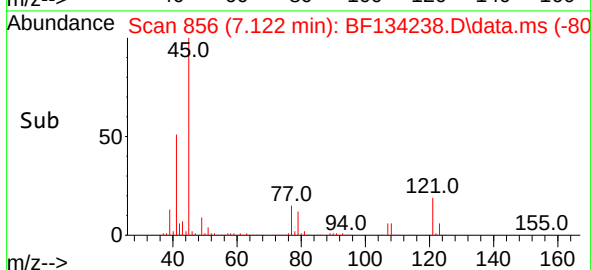
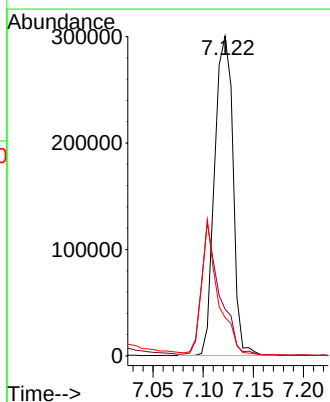
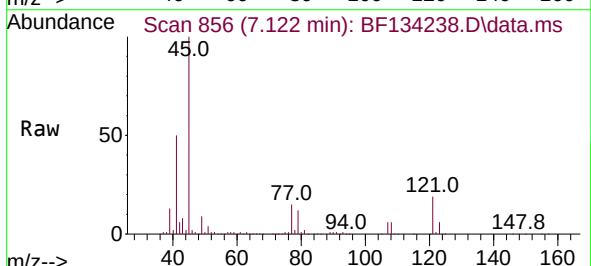
APPROVED

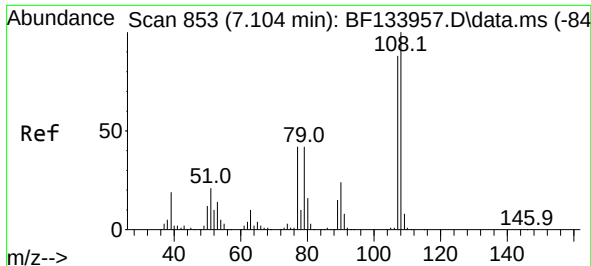
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.446 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

Tgt Ion: 45 Resp: 380131
Ion Ratio Lower Upper
45 100
77 14.6 0.0 32.9
79 12.0 0.0 29.5





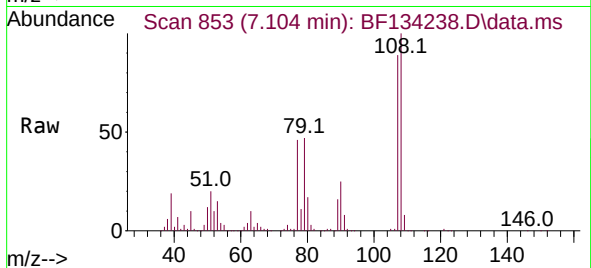
#17
2-Methylphenol
Concen: 39.929 ng
RT: 7.104 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



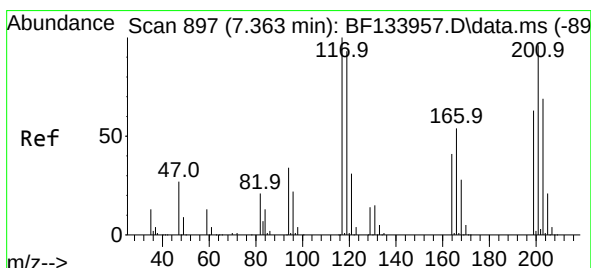
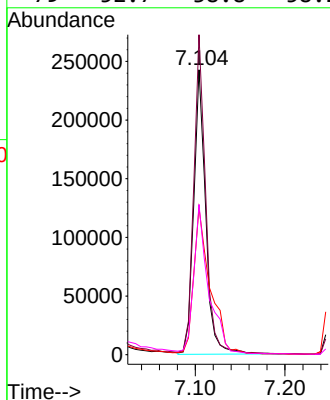
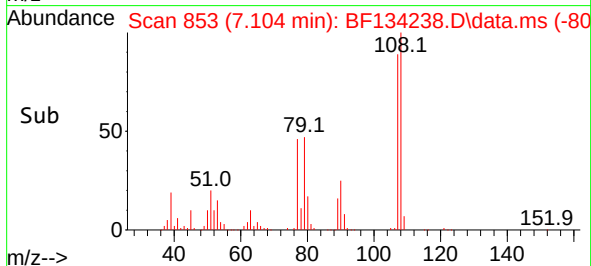
Tgt Ion:107 Resp: 22478
Ion Ratio Lower Upper
107 100
108 112.3 90.6 136.0
77 51.6 38.3 57.5
79 52.7 38.8 58.2

Manual Integrations

APPROVED

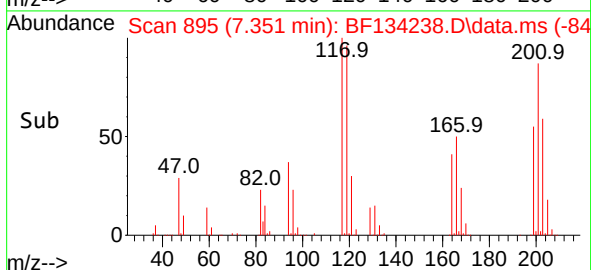
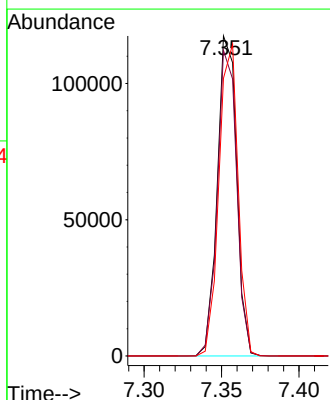
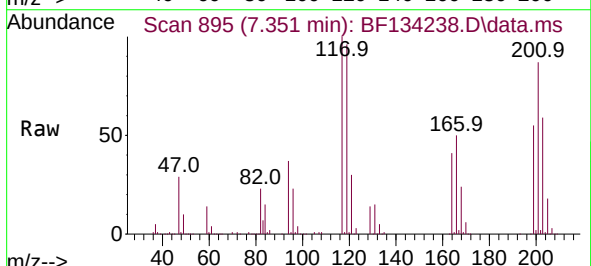
Reviewed By :Yogesh Patel 07/13/2023

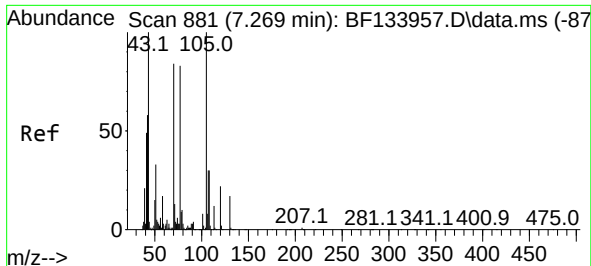
Supervised By :mohammad ahmed 07/13/2023



#18
Hexachloroethane
Concen: 40.785 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

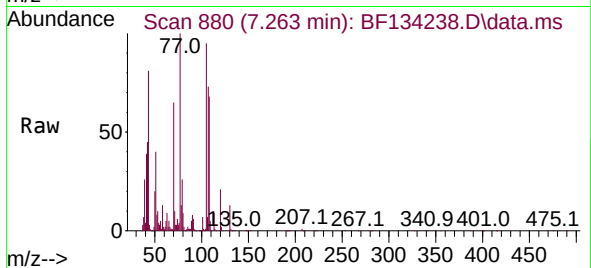
Tgt Ion:117 Resp: 102375
Ion Ratio Lower Upper
117 100
119 95.5 74.2 111.4
201 86.8 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 39.071 ng
RT: 7.263 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

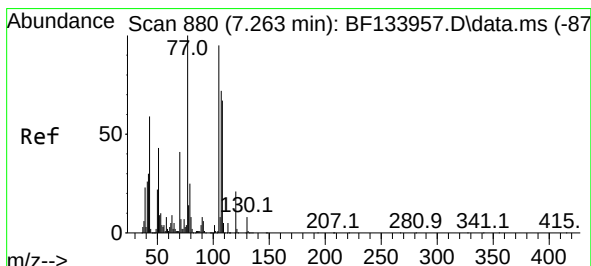
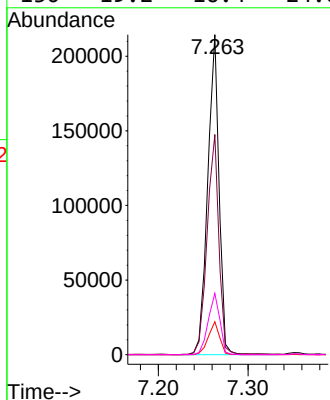
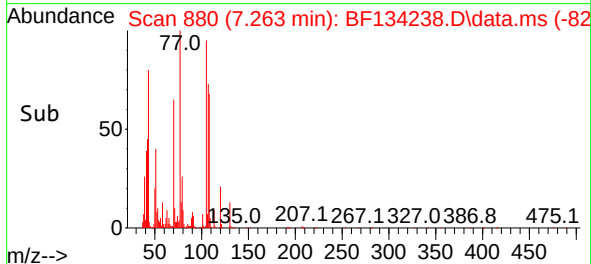
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



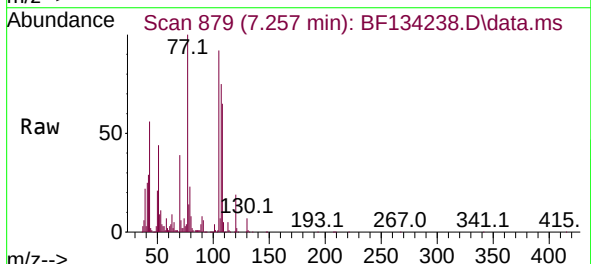
Tgt Ion: 70 Resp: 188709
Ion Ratio Lower Upper
70 100
42 68.8 54.7 82.1
101 10.3 7.7 11.5
130 19.2 16.4 24.6

Manual Integrations
APPROVED

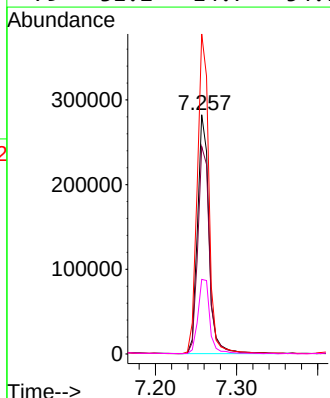
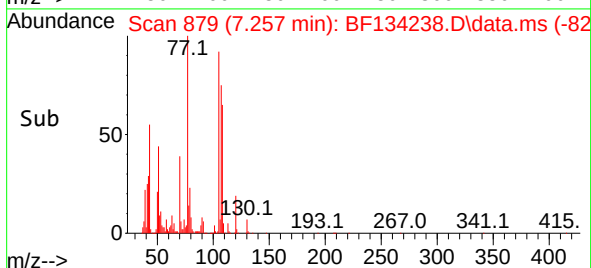
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023

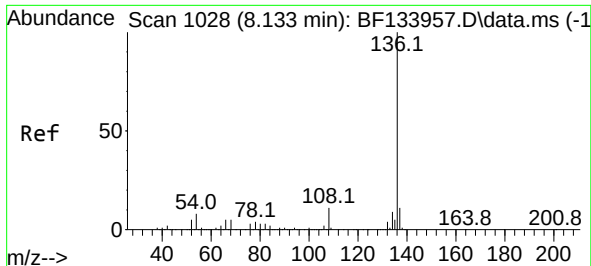


#20
3+4-Methylphenols
Concen: 40.592 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03



Tgt Ion:107 Resp: 277223
Ion Ratio Lower Upper
107 100
108 86.7 73.2 113.2
77 133.8 118.3 158.3
79 31.2 14.7 54.7





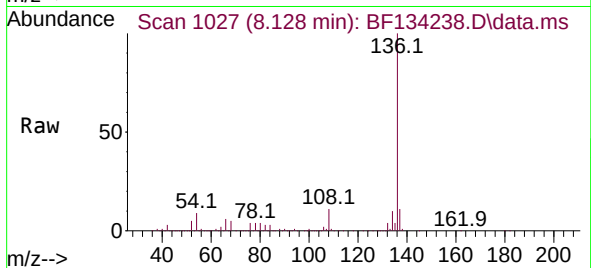
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



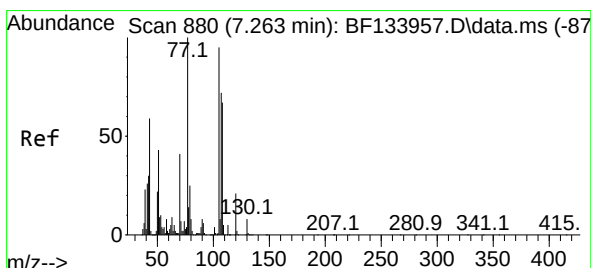
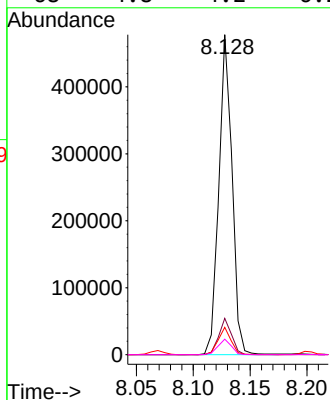
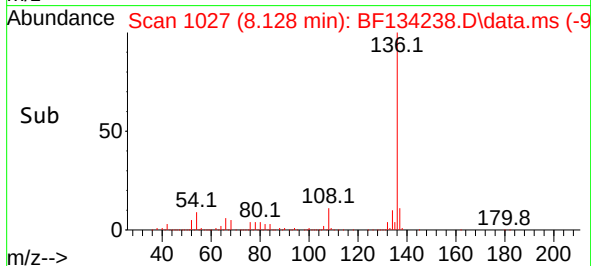
Tgt Ion:136 Resp: 38776
Ion Ratio Lower Upper
136 100
137 11.4 8.6 12.8
54 8.6 6.5 9.7
68 4.8 4.2 6.2

Manual Integrations

APPROVED

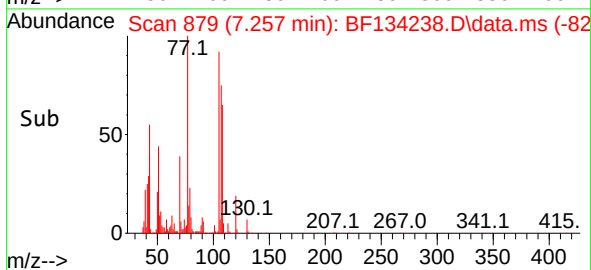
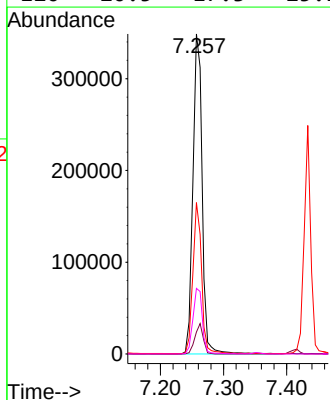
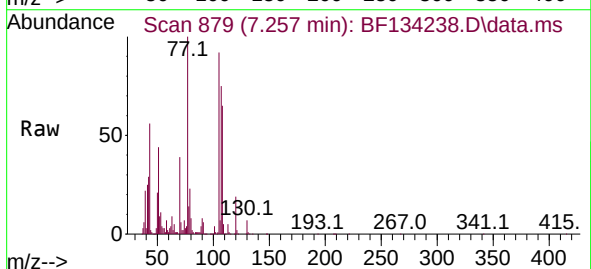
Reviewed By :Yogesh Patel 07/13/2023

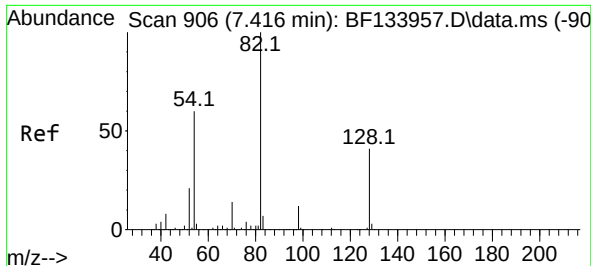
Supervised By :mohammad ahmed 07/13/2023



#22
Acetophenone
Concen: 40.278 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

Tgt Ion:105 Resp: 355199
Ion Ratio Lower Upper
105 100
71 6.8 5.5 8.3
51 47.3 36.5 54.7
120 20.5 17.3 25.9





#23
Nitrobenzene-d5
Concen: 81.852 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.006 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

Instrument :

BNA_F

ClientSampleId :

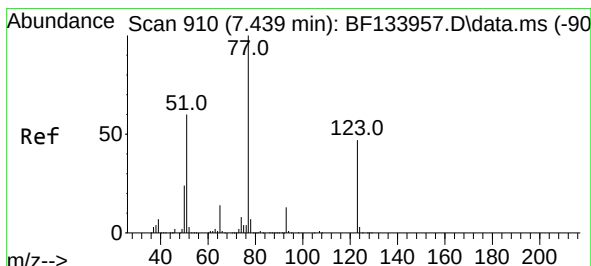
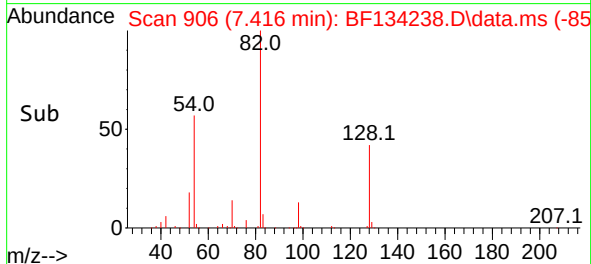
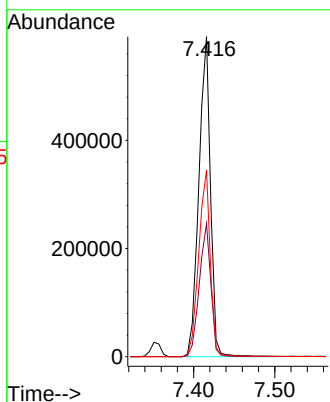
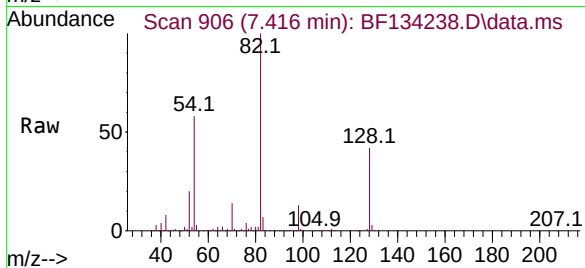
SSTDCCC040

Tgt Ion: 82 Resp: 588795
Ion Ratio Lower Upper
82 100
128 41.6 32.5 48.7
54 58.4 48.2 72.2

Manual Integrations

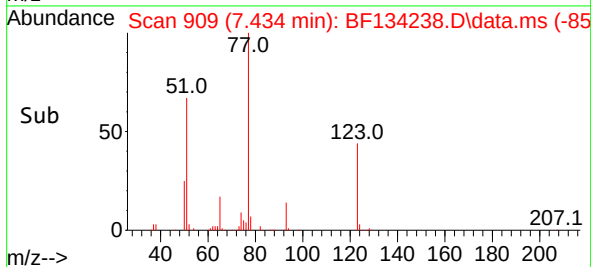
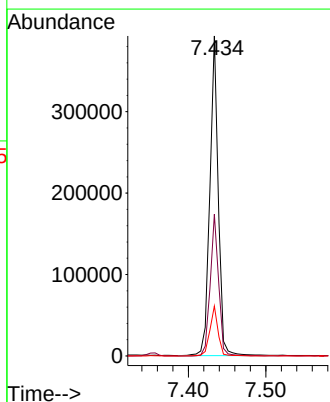
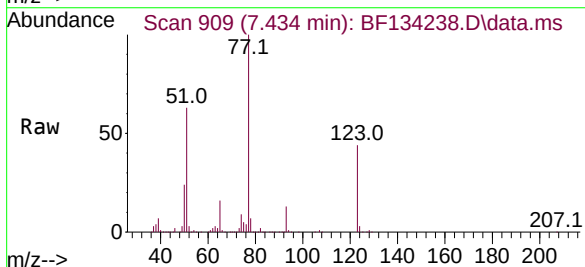
APPROVED

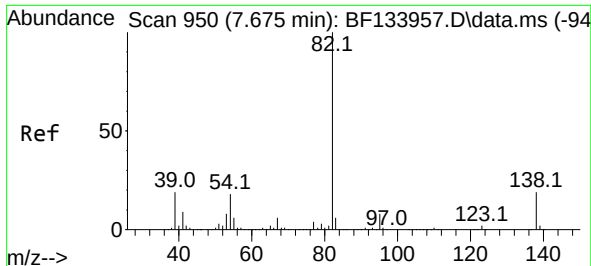
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#24
Nitrobenzene
Concen: 40.673 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.006 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

Tgt Ion: 77 Resp: 295658
Ion Ratio Lower Upper
77 100
123 44.3 37.8 56.6
65 15.6 11.3 16.9





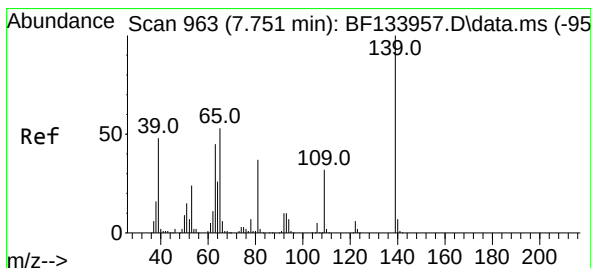
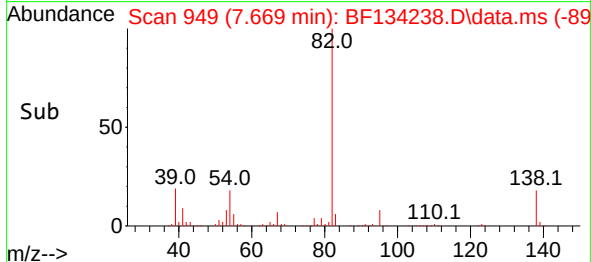
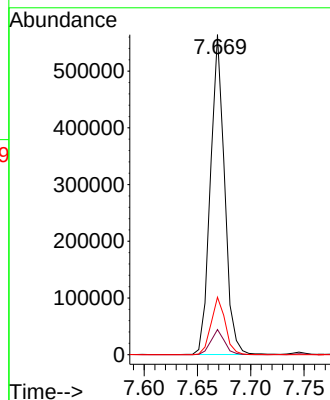
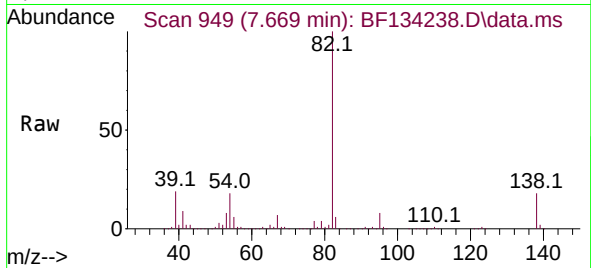
#25
Isophorone
Concen: 40.005 ng
RT: 7.669 min Scan# 94
Delta R.T. 0.006 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 52300
Ion Ratio Lower Upper
82 100
95 7.9 6.1 9.1
138 17.9 15.2 22.8

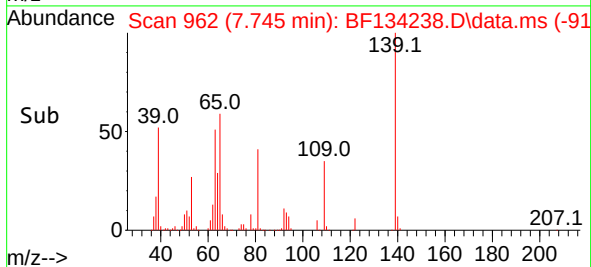
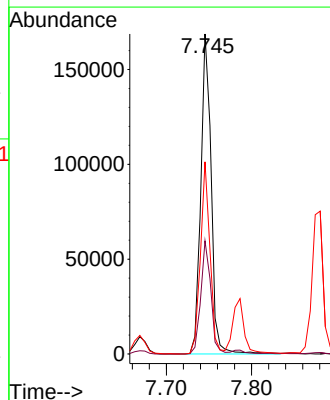
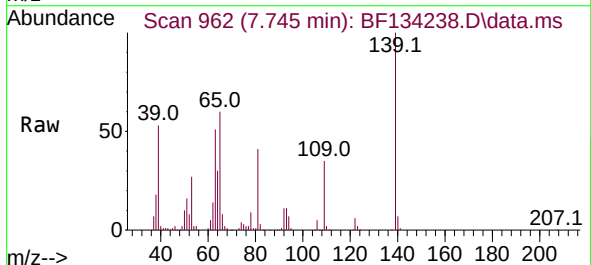
Manual Integrations
APPROVED

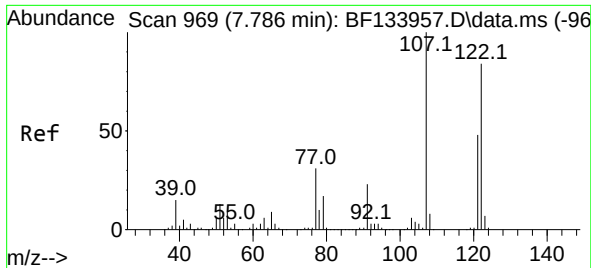
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#26
2-Nitrophenol
Concen: 40.960 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

Tgt Ion:139 Resp: 142832
Ion Ratio Lower Upper
139 100
109 35.3 25.8 38.8
65 60.0 42.4 63.6





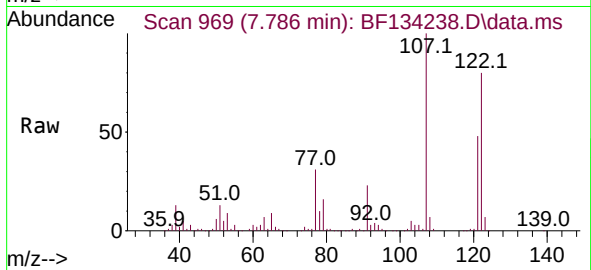
#27
2,4-Dimethylphenol
Concen: 39.945 ng
RT: 7.786 min Scan# 969
Delta R.T. 0.006 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



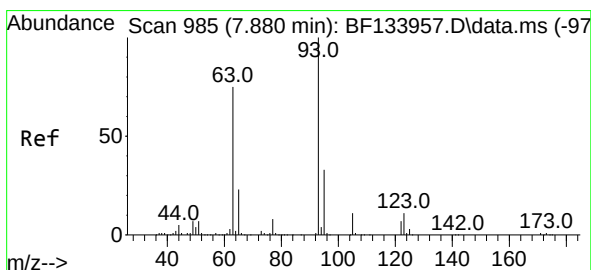
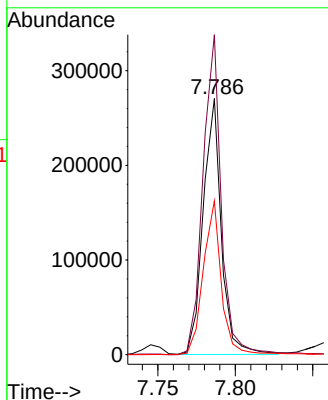
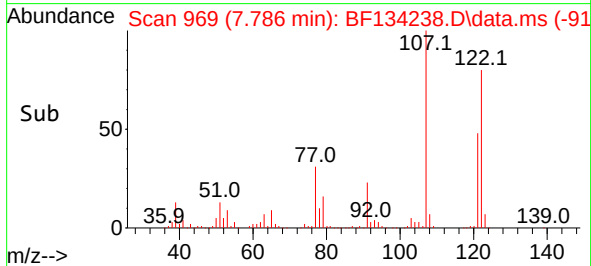
Tgt Ion:122 Resp: 22049
Ion Ratio Lower Upper
122 100
107 124.9 95.5 143.3
121 60.0 45.5 68.3

Manual Integrations

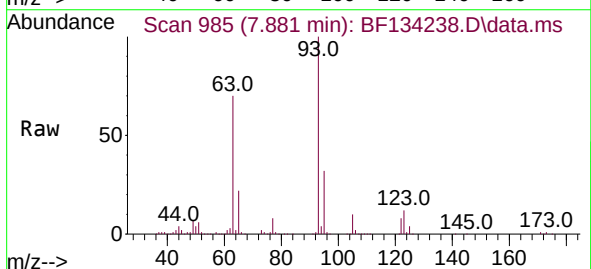
APPROVED

Reviewed By :Yogesh Patel 07/13/2023

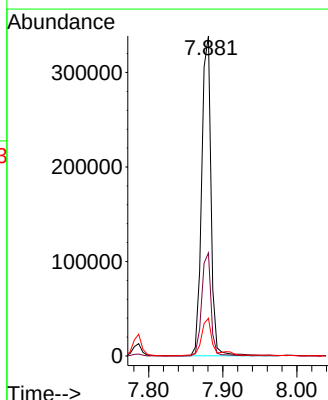
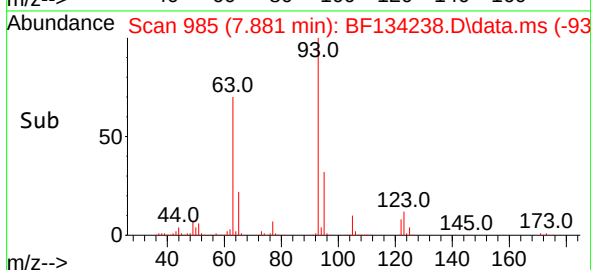
Supervised By :mohammad ahmed 07/13/2023

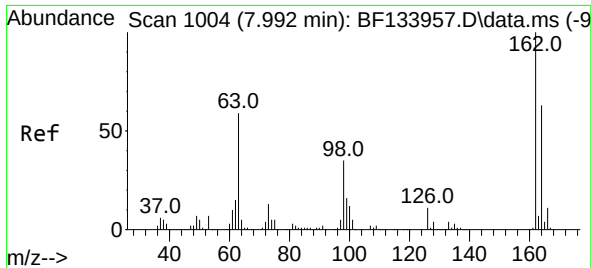


#28
bis(2-Chloroethoxy)methane
Concen: 39.195 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.006 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03



Tgt Ion: 93 Resp: 296702
Ion Ratio Lower Upper
93 100
95 32.2 26.5 39.7
123 11.8 9.1 13.7





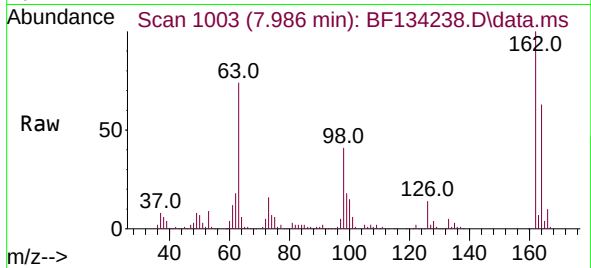
#29
2,4-Dichlorophenol
Concen: 40.007 ng
RT: 7.986 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



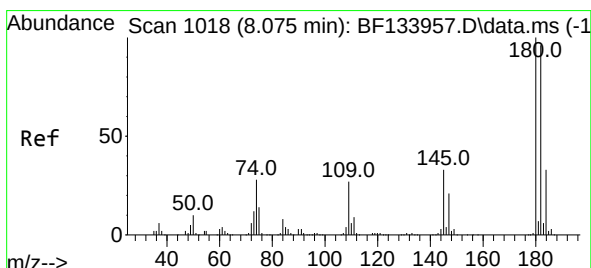
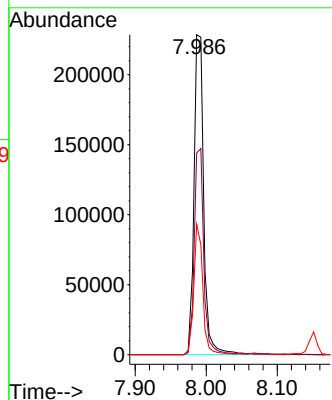
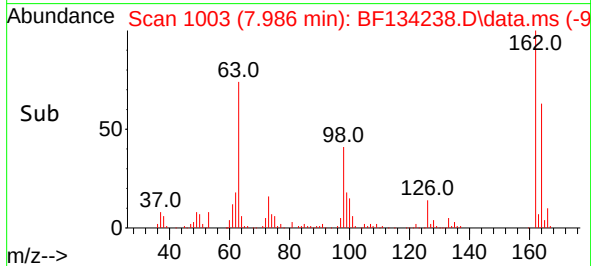
Tgt Ion:162 Resp: 218980
Ion Ratio Lower Upper
162 100
164 63.0 43.2 83.2
98 40.7 14.9 54.9

Manual Integrations

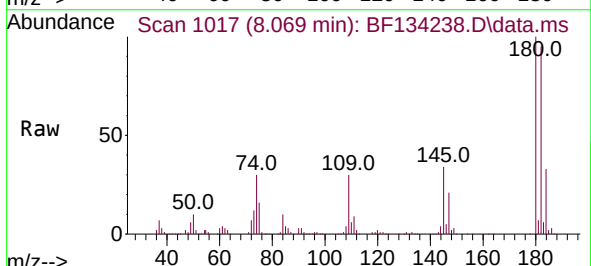
APPROVED

Reviewed By :Yogesh Patel 07/13/2023

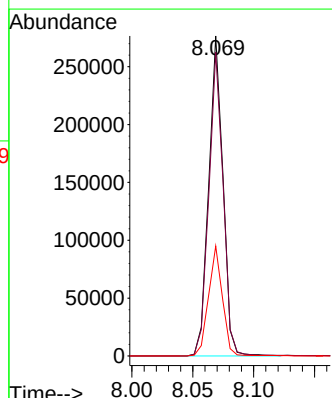
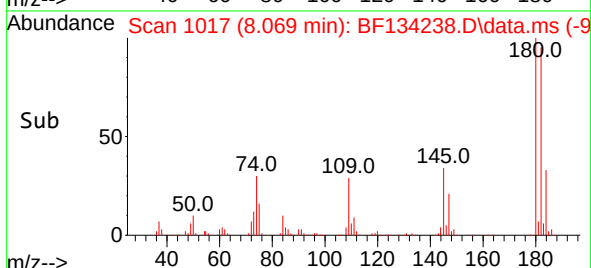
Supervised By :mohammad ahmed 07/13/2023

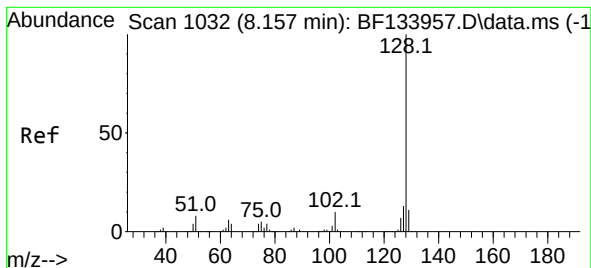


#30
1,2,4-Trichlorobenzene
Concen: 39.706 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03



Tgt Ion:180 Resp: 224251
Ion Ratio Lower Upper
180 100
182 94.9 77.1 115.7
145 34.3 26.0 39.0





#31

Naphthalene

Concen: 39.479 ng

RT: 8.151 min Scan# 1032

Delta R.T. -0.000 min

Lab File: BF134238.D

Acq: 12 Jul 2023 10:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 739440

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

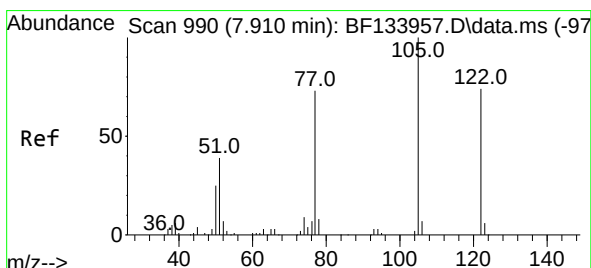
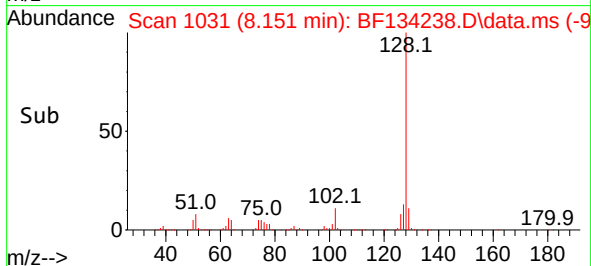
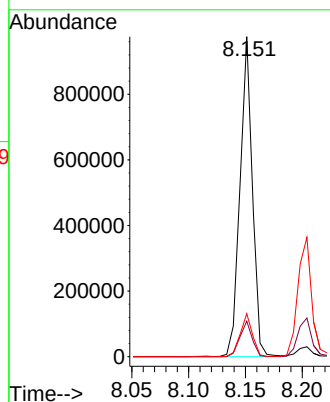
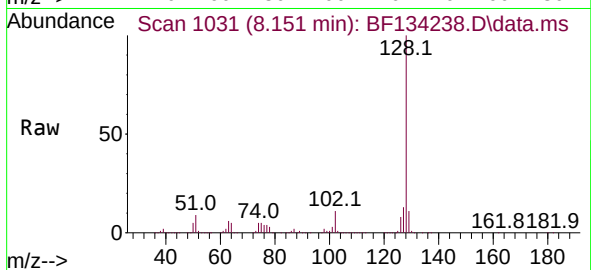
127 13.5 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/13/2023

Supervised By :mohammad ahmed 07/13/2023



#32

Benzoic acid

Concen: 35.635 ng m

RT: 7.910 min Scan# 990

Delta R.T. 0.018 min

Lab File: BF134238.D

Acq: 12 Jul 2023 10:03

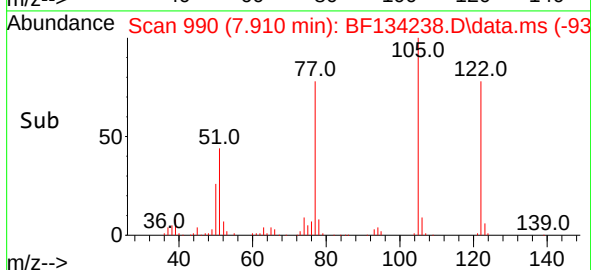
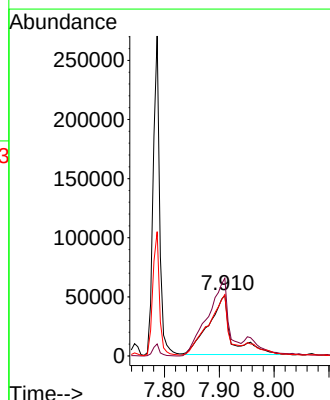
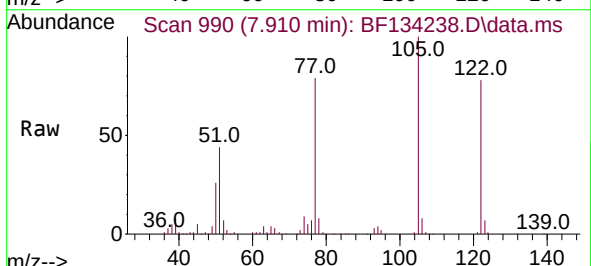
Tgt Ion:122 Resp: 147394

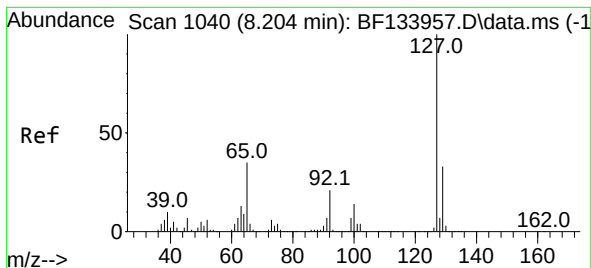
Ion Ratio Lower Upper

122 100

105 128.0 109.7 149.7

77 100.8 76.0 116.0





#33
4-Chloroaniline
Concen: 39.787 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.006 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

Instrument :

BNA_F

ClientSampleId :

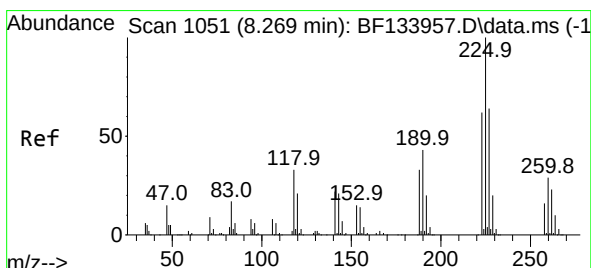
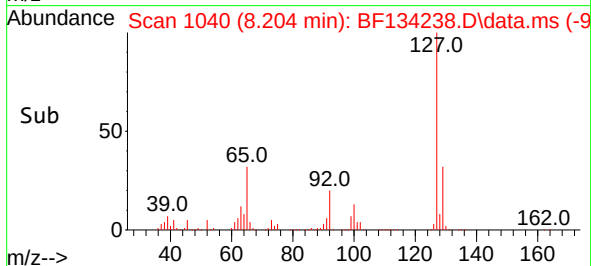
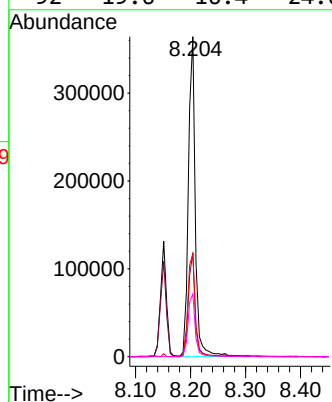
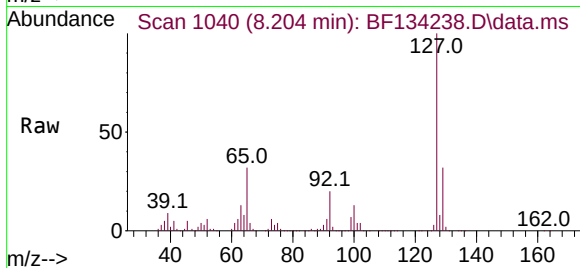
SSTDCCC040

Tgt Ion:127 Resp: 31877
Ion Ratio Lower Upper
127 100
129 32.5 26.4 39.6
65 32.2 27.8 41.8
92 19.6 16.4 24.6

Manual Integrations

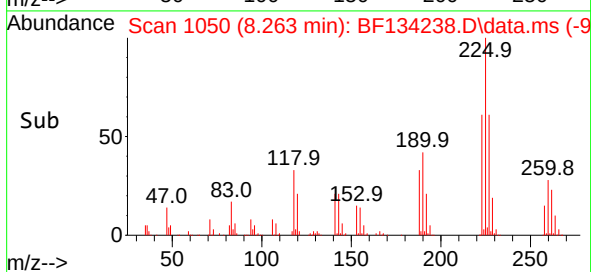
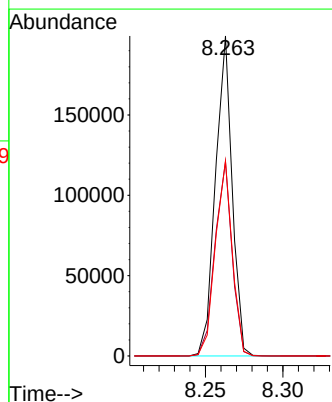
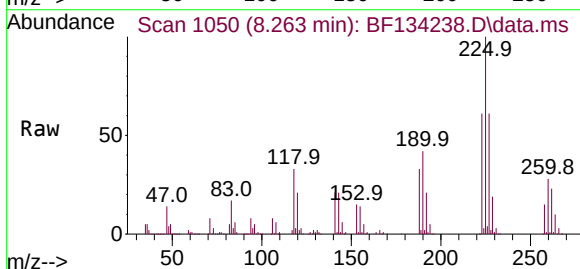
APPROVED

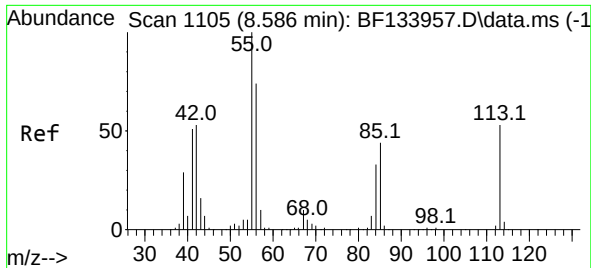
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#34
Hexachlorobutadiene
Concen: 41.836 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.000 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

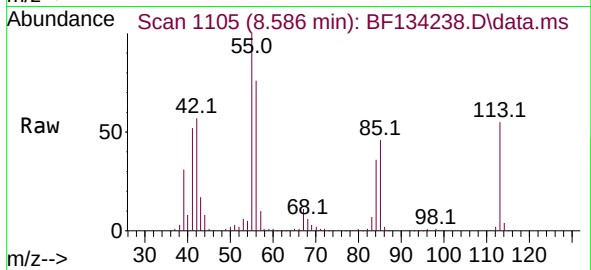
Tgt Ion:225 Resp: 149050
Ion Ratio Lower Upper
225 100
223 60.8 49.8 74.8
227 61.0 51.0 76.4





#35
Caprolactam
Concen: 39.108 ng
RT: 8.586 min Scan# 1105
Delta R.T. 0.012 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

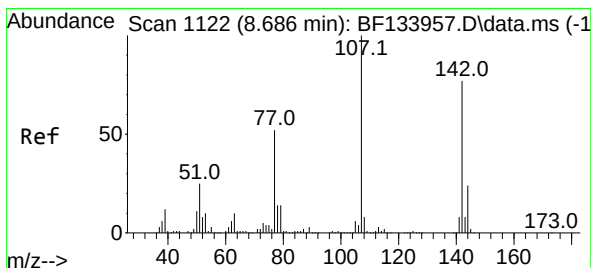
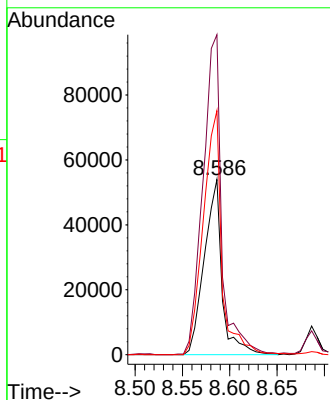
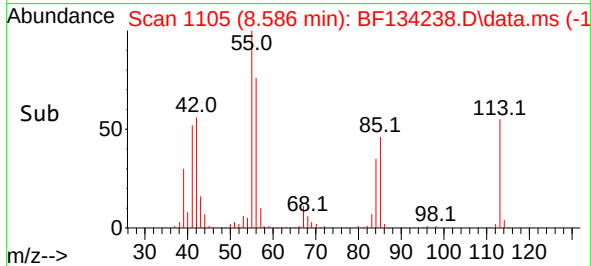
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:113 Resp: 7048
Ion Ratio Lower Upper
113 100
55 182.6 170.2 210.2
56 139.2 121.4 161.4

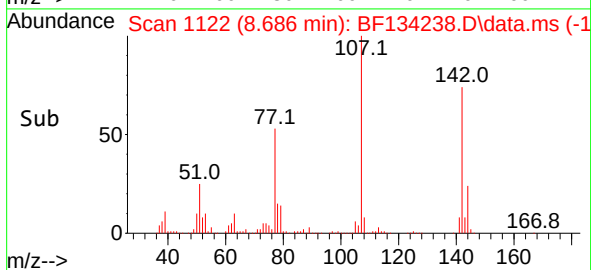
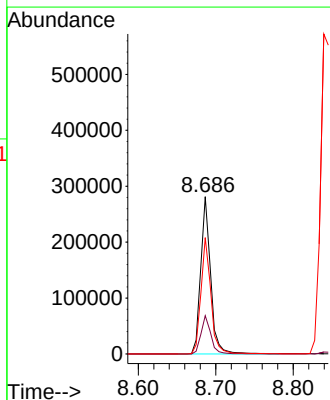
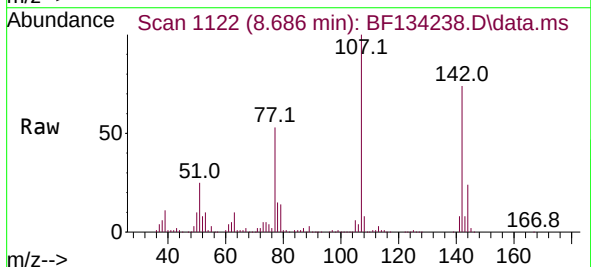
Manual Integrations
APPROVED

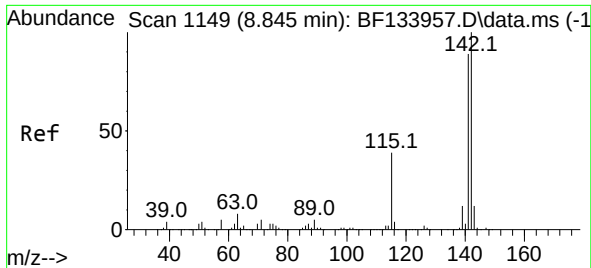
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#36
4-Chloro-3-methylphenol
Concen: 40.868 ng
RT: 8.686 min Scan# 1122
Delta R.T. 0.006 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

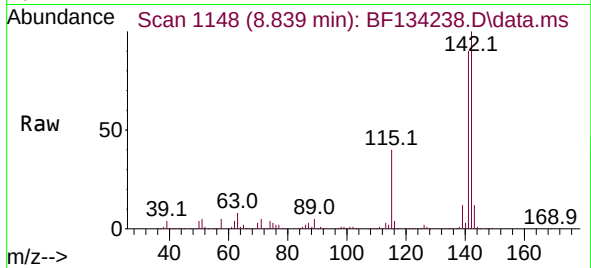
Tgt Ion:107 Resp: 251299
Ion Ratio Lower Upper
107 100
144 24.3 19.6 29.4
142 73.9 61.4 92.2





#37
2-Methylnaphthalene
Concen: 39.443 ng
RT: 8.839 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

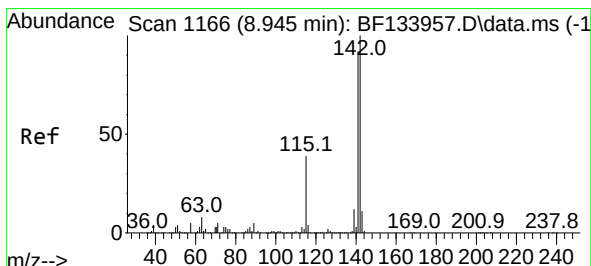
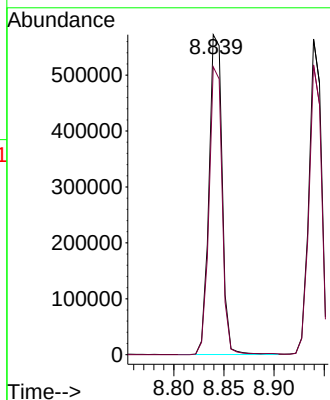
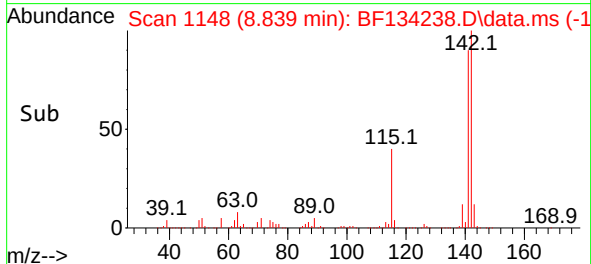
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



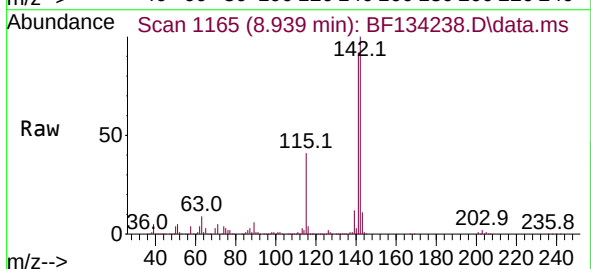
Tgt Ion:142 Resp: 522420
Ion Ratio Lower Upper
142 100
141 90.0 71.0 106.4

Manual Integrations
APPROVED

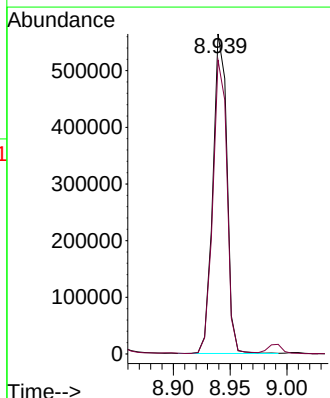
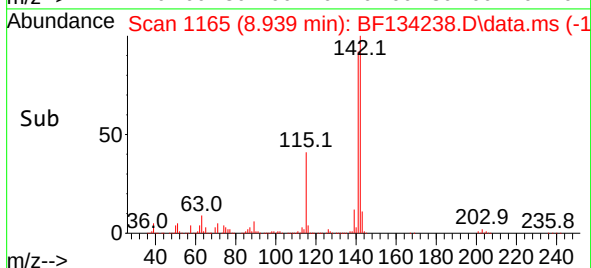
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023

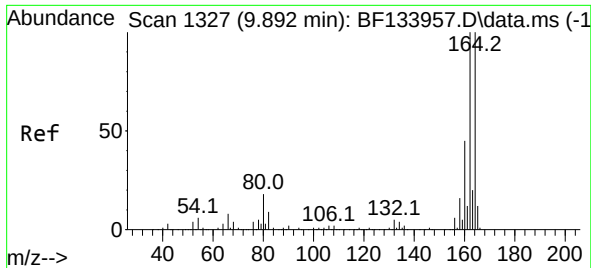


#38
1-Methylnaphthalene
Concen: 39.429 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03



Tgt Ion:142 Resp: 485505
Ion Ratio Lower Upper
142 100
141 91.8 73.5 110.3





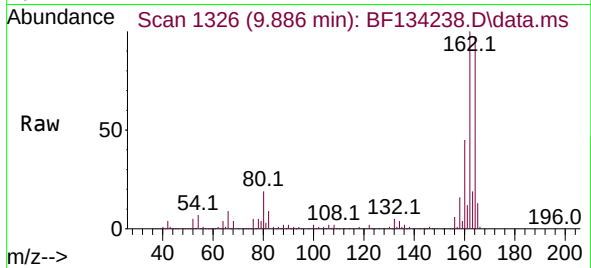
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

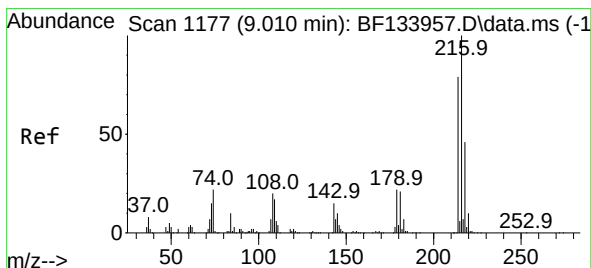
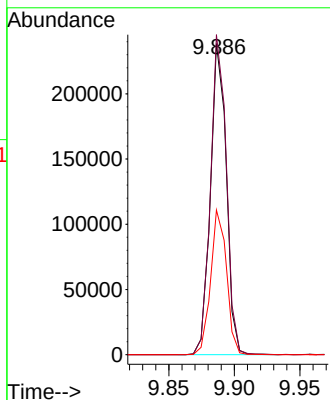
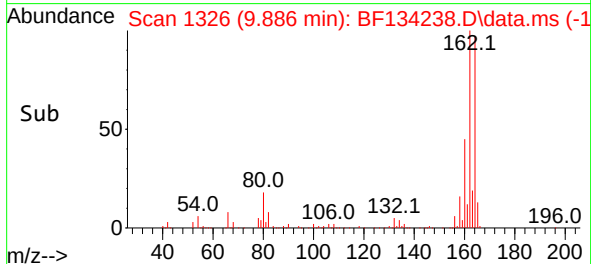


Tgt Ion:164 Resp: 200388
Ion Ratio Lower Upper
164 100
162 102.9 80.0 120.0
160 46.5 35.9 53.9

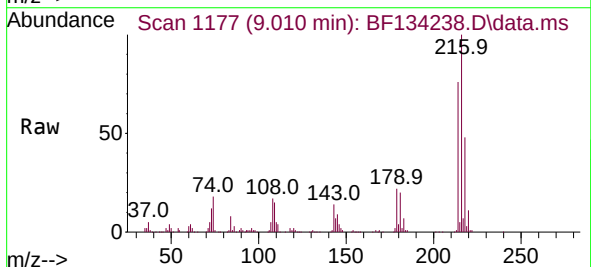
Manual Integrations

APPROVED

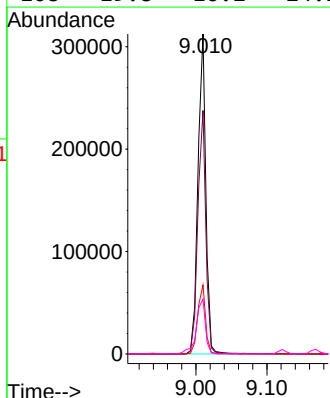
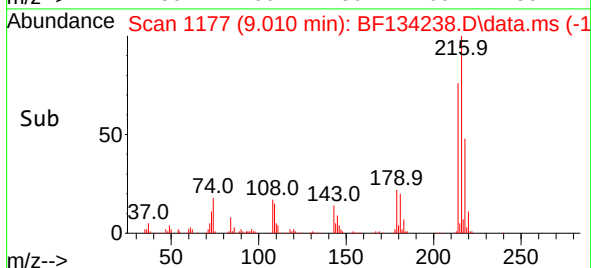
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023

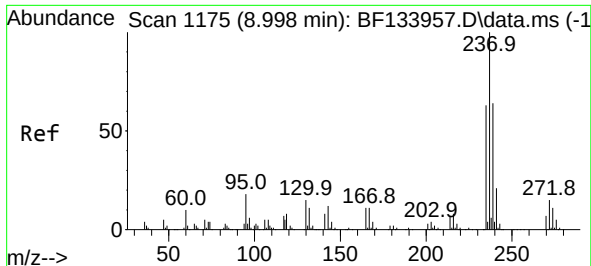


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.666 ng
RT: 9.010 min Scan# 1177
Delta R.T. 0.006 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03



Tgt Ion:216 Resp: 241426
Ion Ratio Lower Upper
216 100
214 77.0 64.1 96.1
179 21.5 17.3 25.9
108 19.8 16.2 24.2





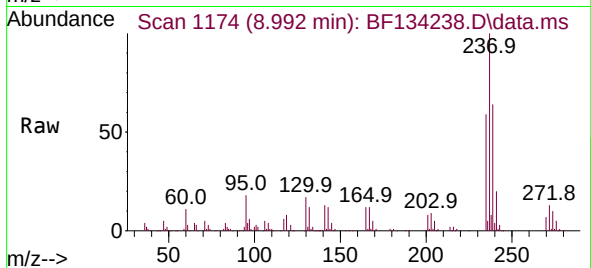
#41
Hexachlorocyclopentadiene
Concen: 38.346 ng
RT: 8.992 min Scan# 1175
Delta R.T. 0.006 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

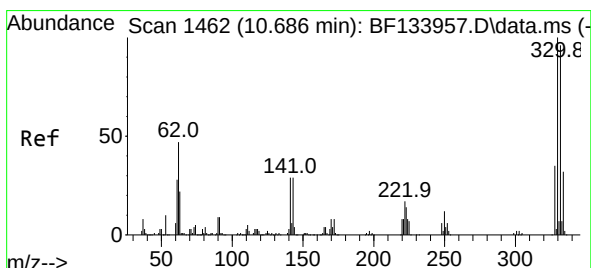
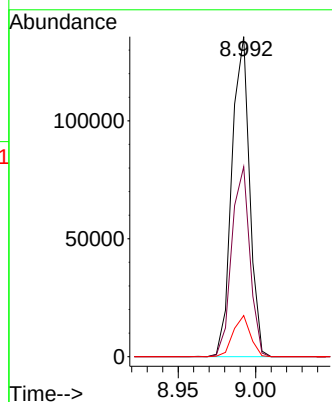
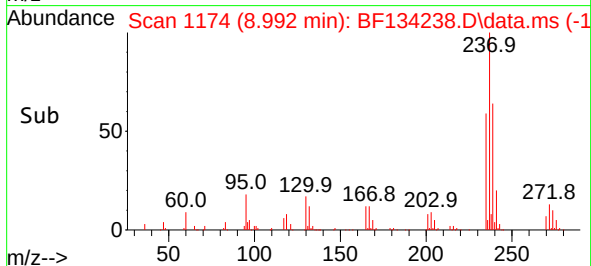


Tgt Ion:237 Resp: 108004
Ion Ratio Lower Upper
237 100
235 59.4 42.8 82.8
272 12.9 0.0 34.6

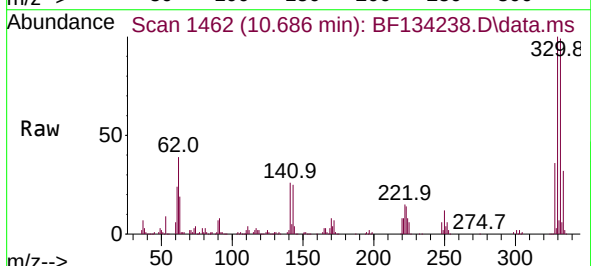
Manual Integrations

APPROVED

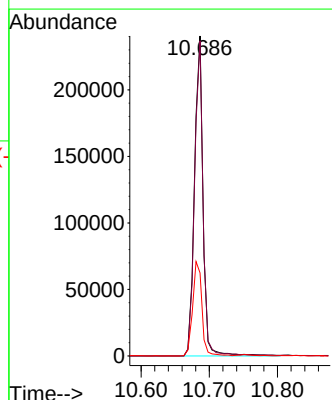
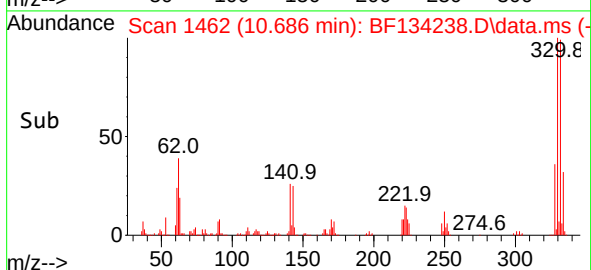
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023

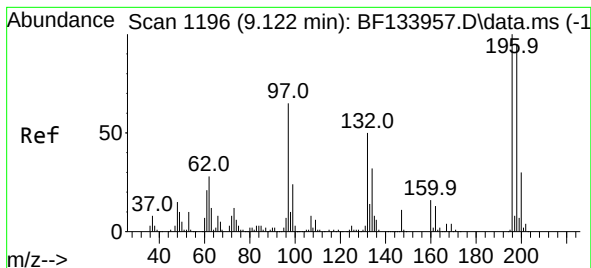


#42
2,4,6-Tribromophenol
Concen: 83.540 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03



Tgt Ion:330 Resp: 209891
Ion Ratio Lower Upper
330 100
332 98.3 77.0 115.6
141 31.8 26.3 39.5





#43
2,4,6-Trichlorophenol
Concen: 39.664 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

Instrument :

BNA_F

ClientSampleId :

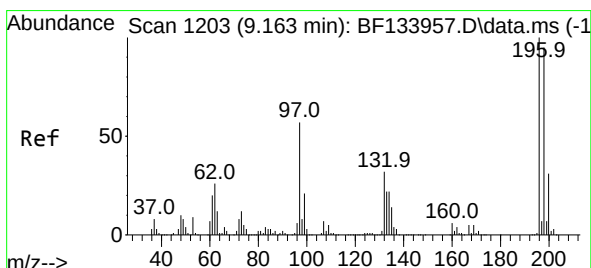
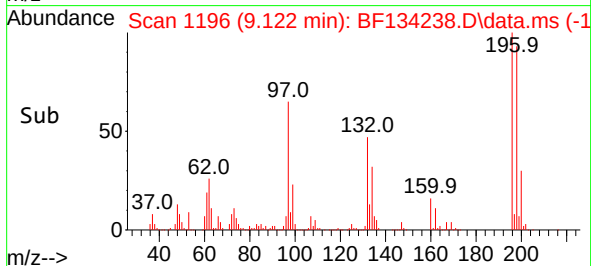
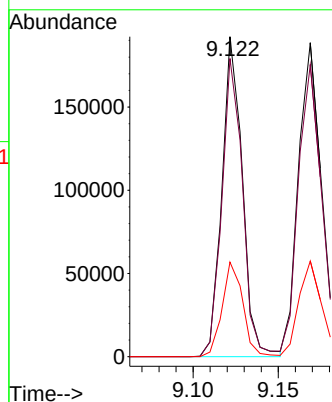
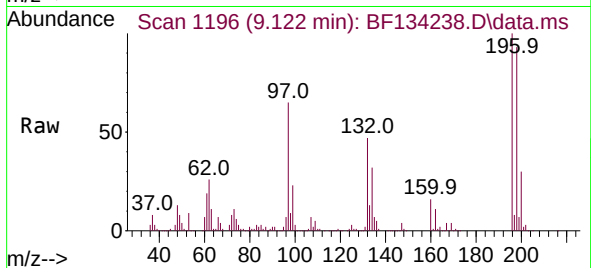
SSTDCCC040

Tgt Ion:196 Resp: 16030
Ion Ratio Lower Upper
196 100
198 93.2 75.6 113.4
200 29.5 24.4 36.6

Manual Integrations

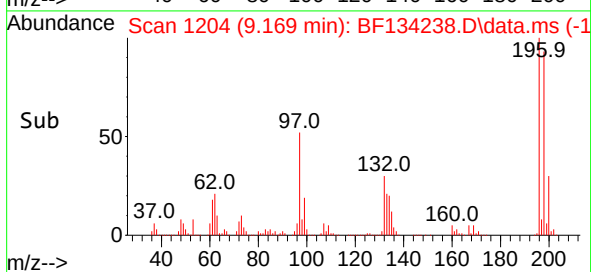
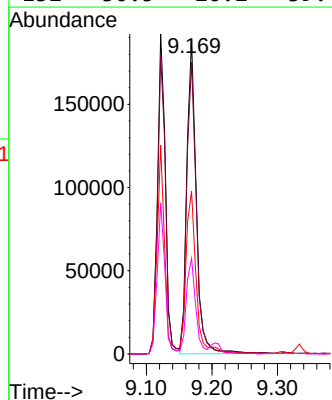
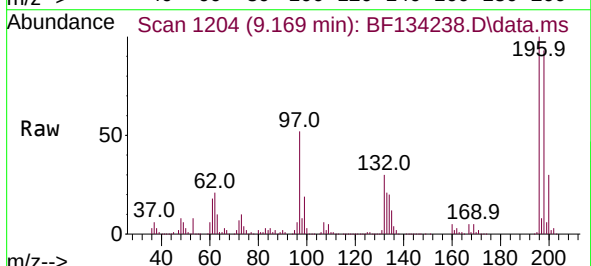
APPROVED

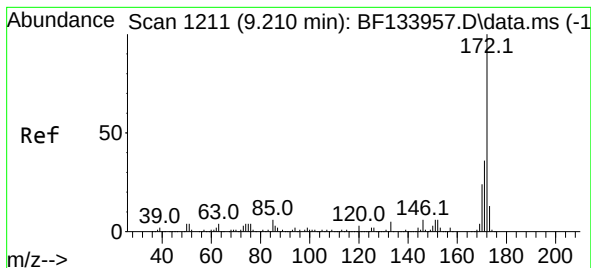
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#44
2,4,5-Trichlorophenol
Concen: 39.735 ng
RT: 9.169 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

Tgt Ion:196 Resp: 188893
Ion Ratio Lower Upper
196 100
198 93.0 75.7 113.5
97 51.9 45.8 68.6
132 30.5 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 79.617 ng

RT: 9.204 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF134238.D

Acq: 12 Jul 2023 10:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 109735

Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

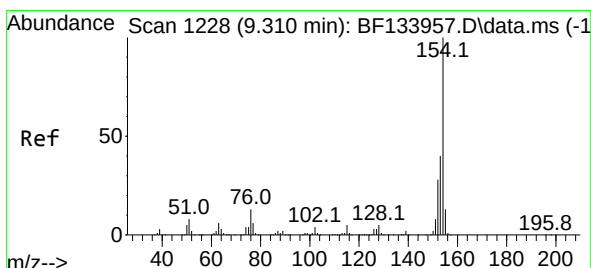
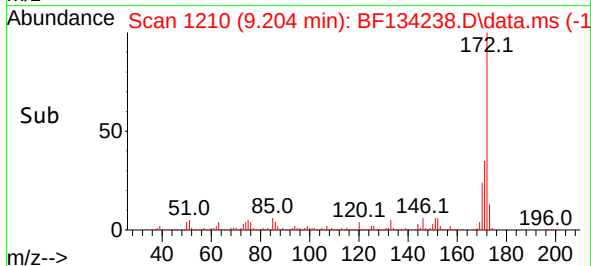
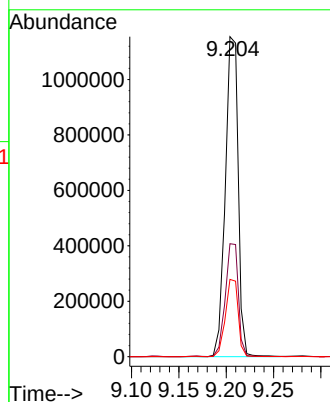
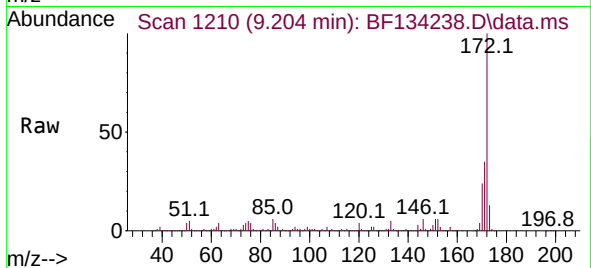
170 24.1 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/13/2023

Supervised By :mohammad ahmed 07/13/2023



#46

1,1'-Biphenyl

Concen: 39.333 ng

RT: 9.310 min Scan# 1228

Delta R.T. 0.006 min

Lab File: BF134238.D

Acq: 12 Jul 2023 10:03

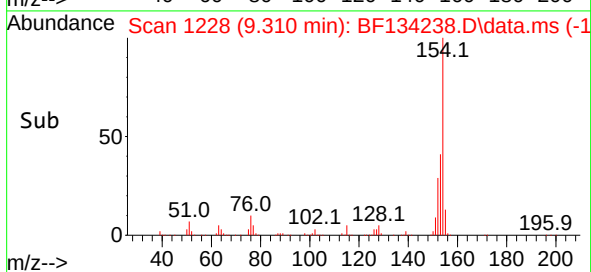
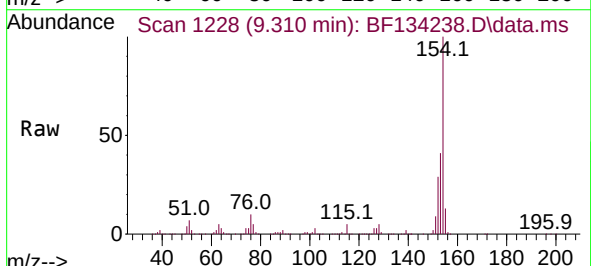
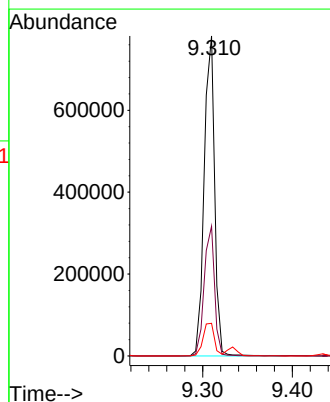
Tgt Ion:154 Resp: 632258

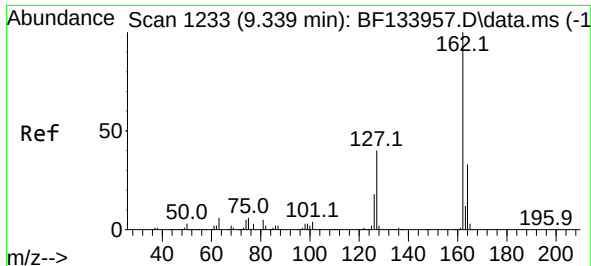
Ion Ratio Lower Upper

154 100

153 40.6 19.8 59.8

76 10.2 0.0 32.9





#47

2-Chloronaphthalene

Concen: 39.211 ng

RT: 9.333 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF134238.D

Acq: 12 Jul 2023 10:03

Instrument :

BNA_F

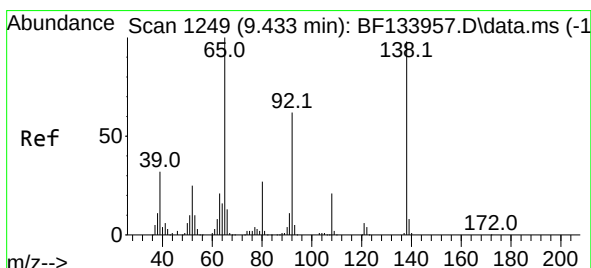
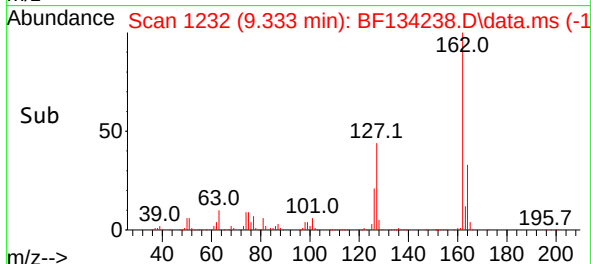
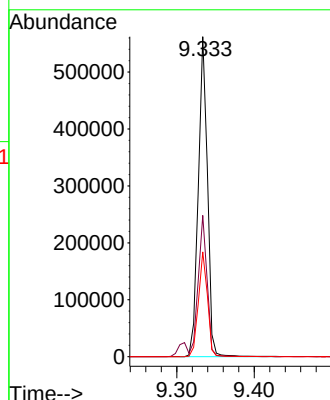
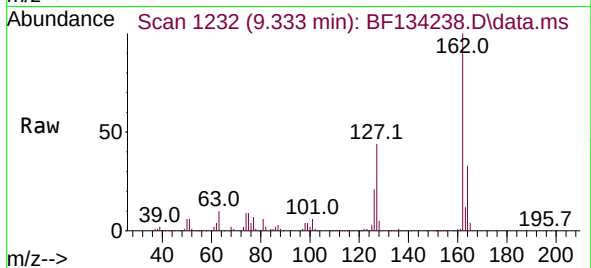
ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 46116
 Ion Ratio Lower Upper
 162 100
 127 44.2 32.9 49.3
 164 32.7 26.1 39.1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/13/2023
 Supervised By :mohammad ahmed 07/13/2023



#48

2-Nitroaniline

Concen: 39.782 ng

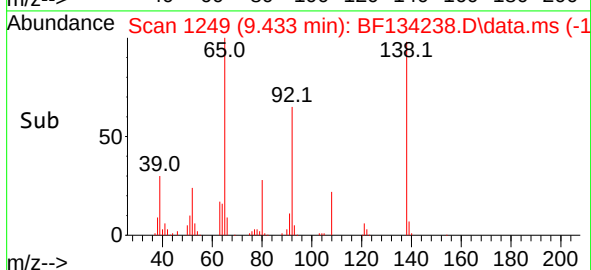
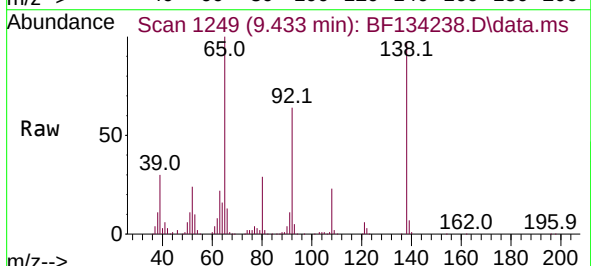
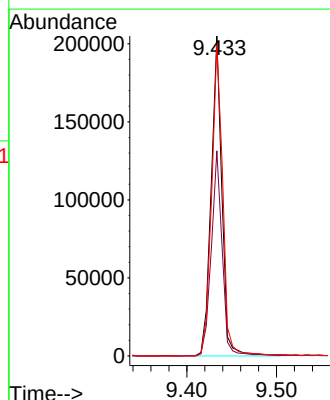
RT: 9.433 min Scan# 1249

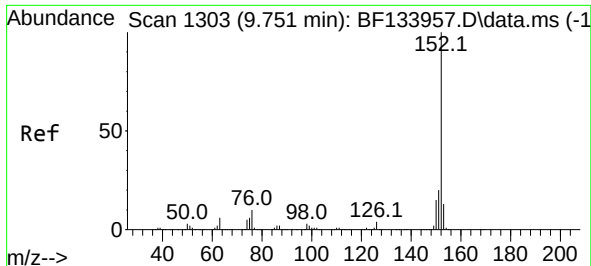
Delta R.T. 0.006 min

Lab File: BF134238.D

Acq: 12 Jul 2023 10:03

Tgt Ion: 65 Resp: 170518
 Ion Ratio Lower Upper
 65 100
 92 64.1 49.5 74.3
 138 97.2 78.0 117.0





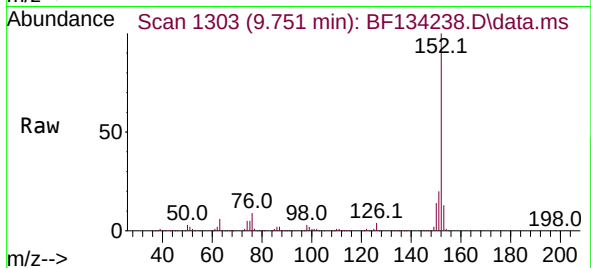
#49
Acenaphthylene
Concen: 38.951 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



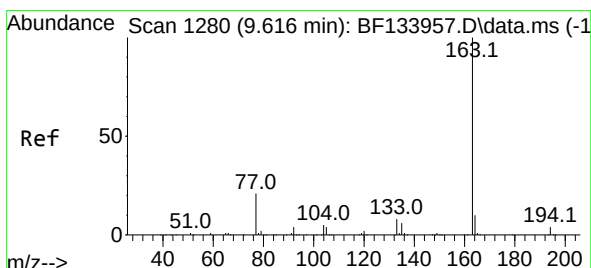
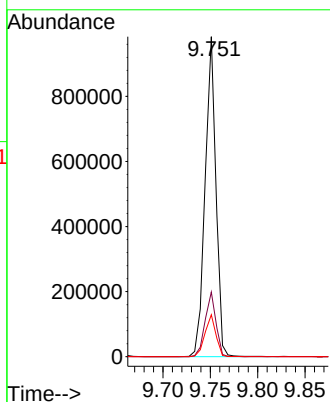
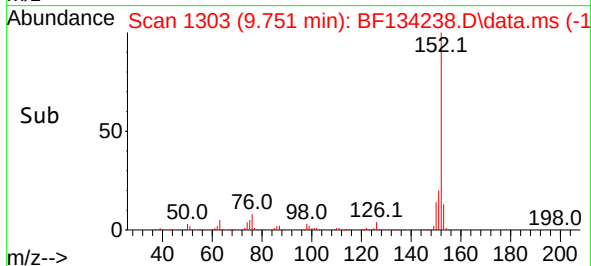
Tgt Ion:152 Resp: 78255
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.1 10.8 16.2

Manual Integrations

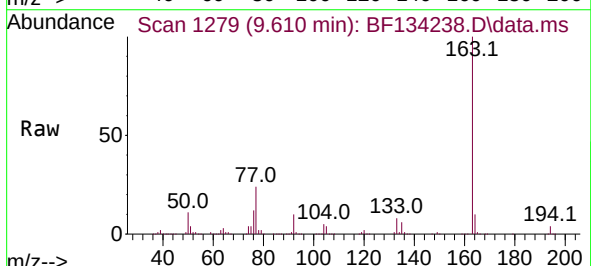
APPROVED

Reviewed By :Yogesh Patel 07/13/2023

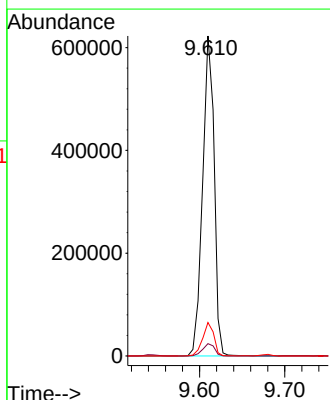
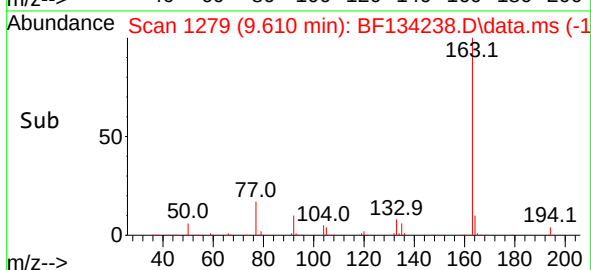
Supervised By :mohammad ahmed 07/13/2023

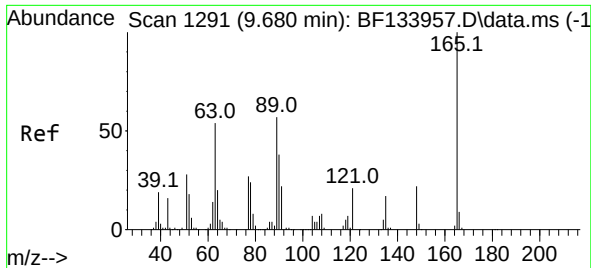


#50
Dimethylphthalate
Concen: 40.344 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03



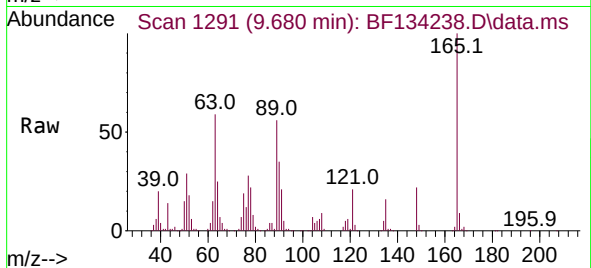
Tgt Ion:163 Resp: 586851
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.4 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 40.272 ng
RT: 9.680 min Scan# 1291
Delta R.T. 0.006 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

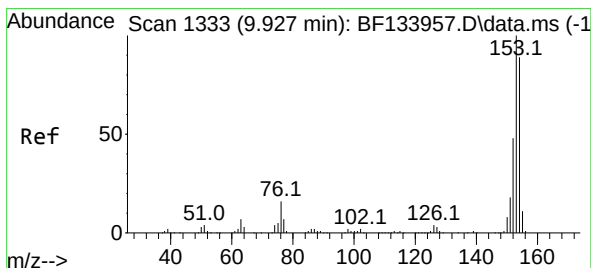
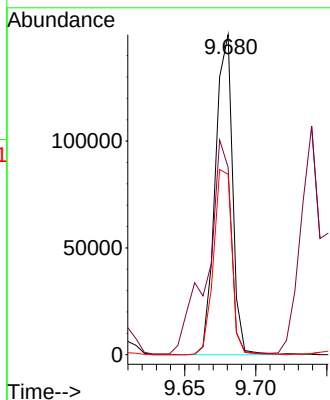
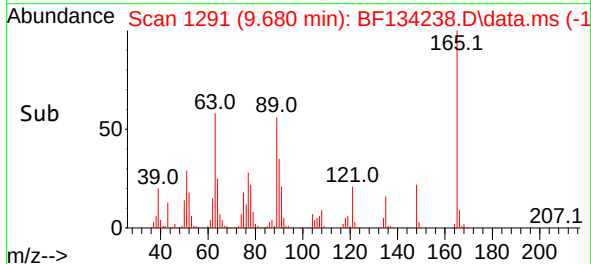
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



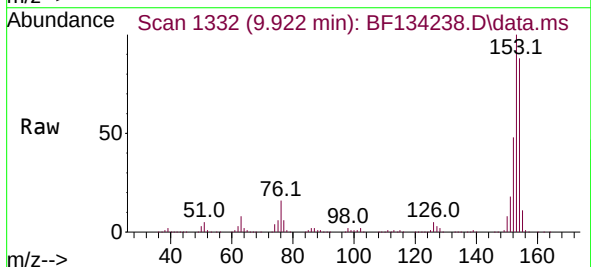
Tgt Ion:165 Resp: 12617
Ion Ratio Lower Upper
165 100
63 58.6 48.5 72.7
89 56.4 45.5 68.3

Manual Integrations
APPROVED

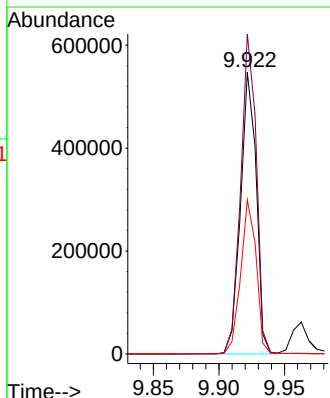
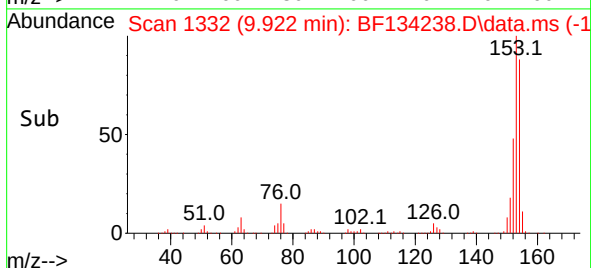
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023

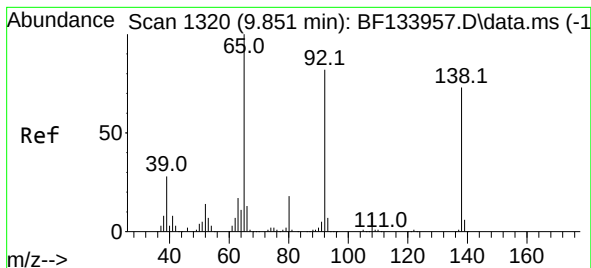


#52
Acenaphthene
Concen: 39.307 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03



Tgt Ion:154 Resp: 458231
Ion Ratio Lower Upper
154 100
153 113.6 89.4 134.2
152 54.7 42.8 64.2





#53

3-Nitroaniline

Concen: 39.081 ng

RT: 9.851 min Scan# 1320

Delta R.T. 0.006 min

Lab File: BF134238.D

Acq: 12 Jul 2023 10:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:138 Resp: 146890

Ion Ratio Lower Upper

138 100

108 10.6 8.4 12.6

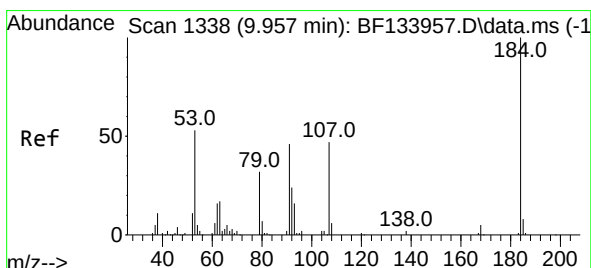
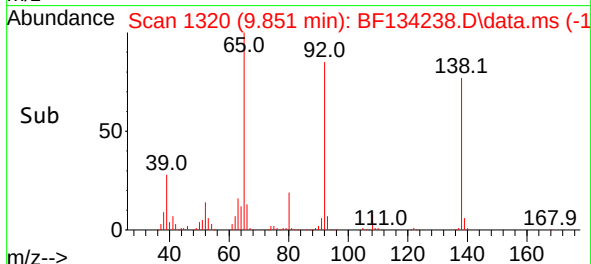
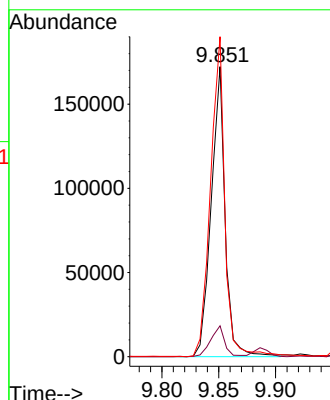
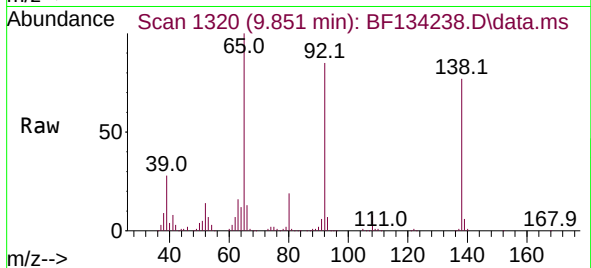
92 110.3 90.1 135.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/13/2023

Supervised By :mohammad ahmed 07/13/2023



#54

2,4-Dinitrophenol

Concen: 46.043 ng

RT: 9.963 min Scan# 1339

Delta R.T. 0.006 min

Lab File: BF134238.D

Acq: 12 Jul 2023 10:03

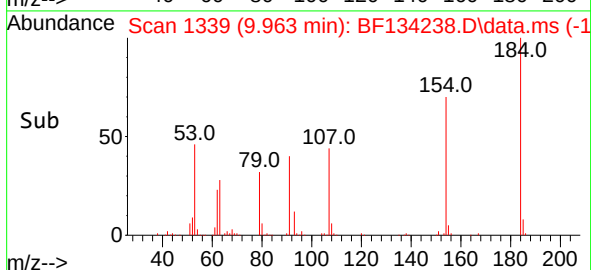
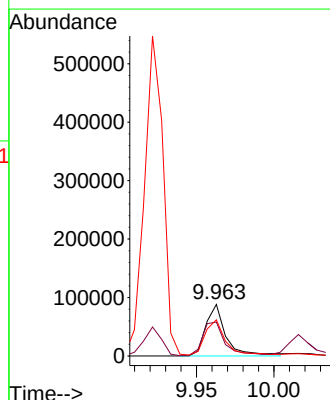
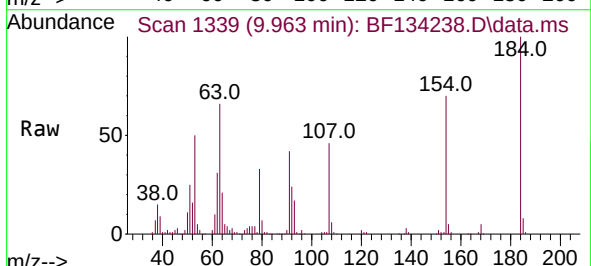
Tgt Ion:184 Resp: 80189

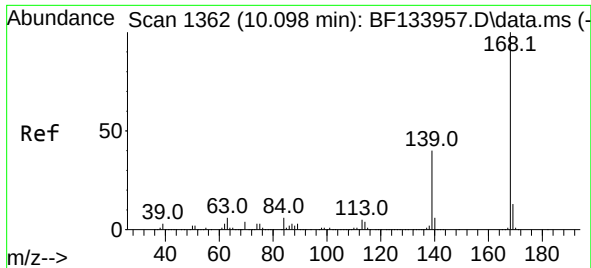
Ion Ratio Lower Upper

184 100

63 65.9 56.9 85.3

154 70.3 55.4 83.0





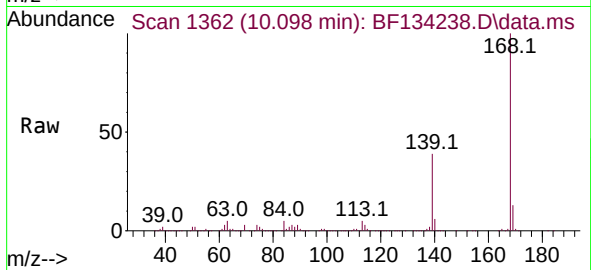
#55
Dibenzofuran
Concen: 38.902 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



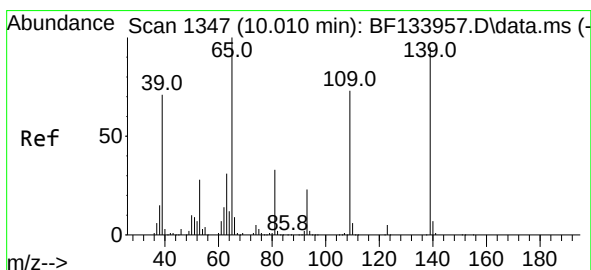
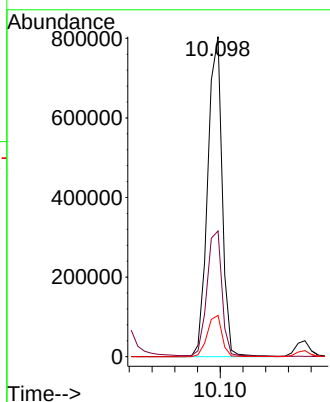
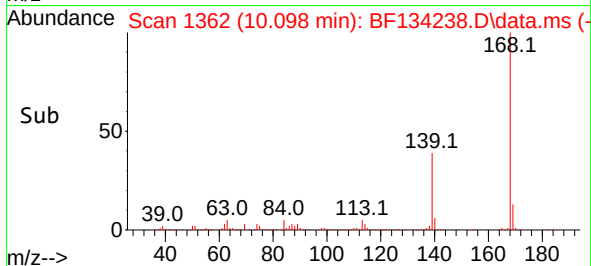
Tgt Ion:168 Resp: 708770
Ion Ratio Lower Upper
168 100
139 39.3 32.0 48.0
169 12.9 10.6 16.0

Manual Integrations

APPROVED

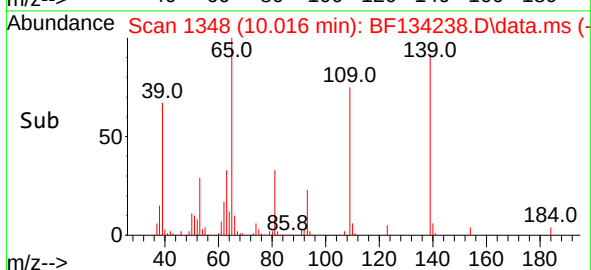
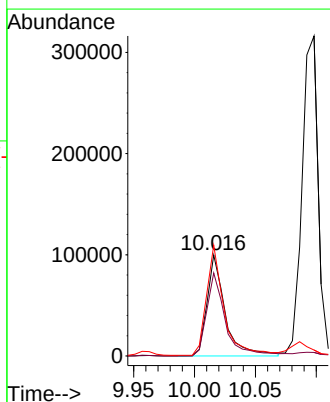
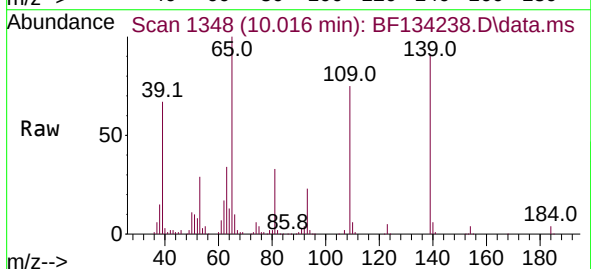
Reviewed By :Yogesh Patel 07/13/2023

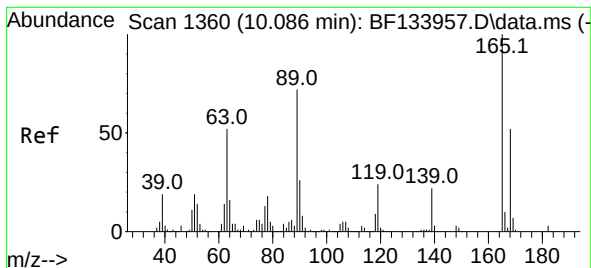
Supervised By :mohammad ahmed 07/13/2023



#56
4-Nitrophenol
Concen: 39.204 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

Tgt Ion:139 Resp: 103071
Ion Ratio Lower Upper
139 100
109 82.2 56.8 96.8
65 109.7 86.1 126.1





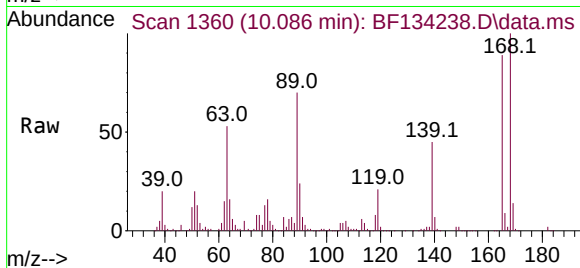
#57
2,4-Dinitrotoluene
Concen: 41.127 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



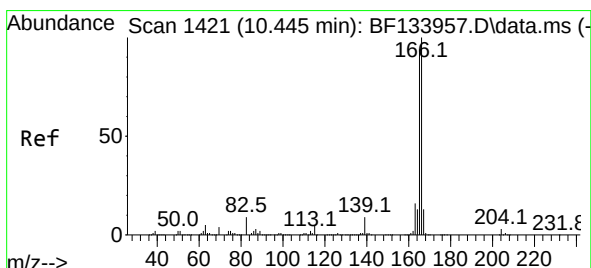
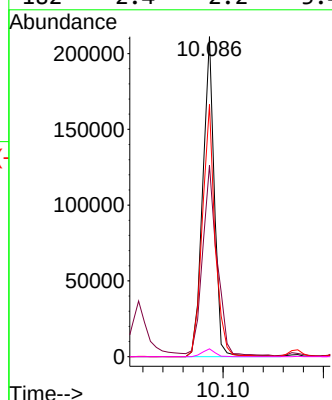
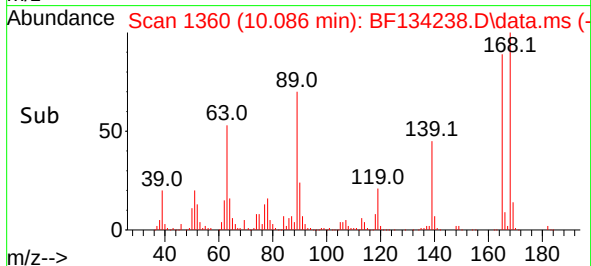
Tgt Ion:165 Resp: 17016
Ion Ratio Lower Upper
165 100
63 59.8 42.2 63.2
89 78.8 57.4 86.2
182 2.4 2.2 3.4

Manual Integrations

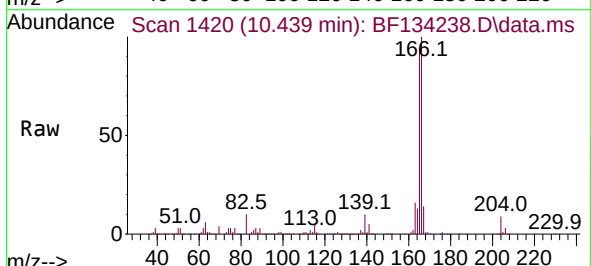
APPROVED

Reviewed By :Yogesh Patel 07/13/2023

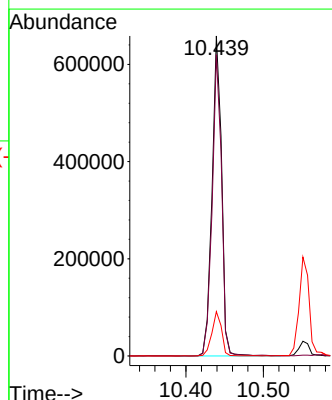
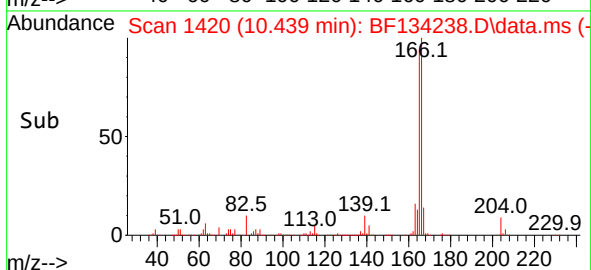
Supervised By :mohammad ahmed 07/13/2023

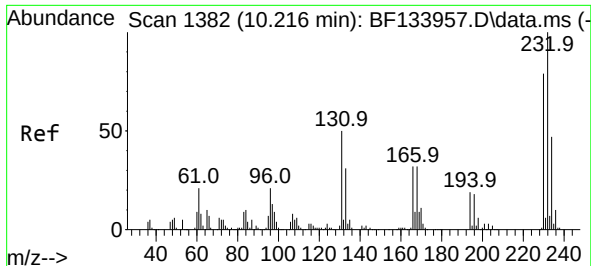


#58
Fluorene
Concen: 39.654 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03



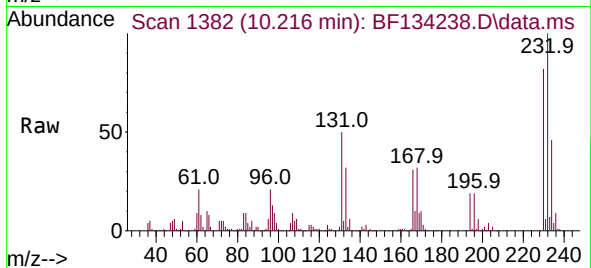
Tgt Ion:166 Resp: 562069
Ion Ratio Lower Upper
166 100
165 94.1 75.0 112.4
167 13.8 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.779 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

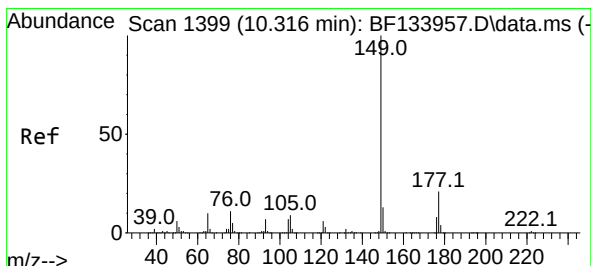
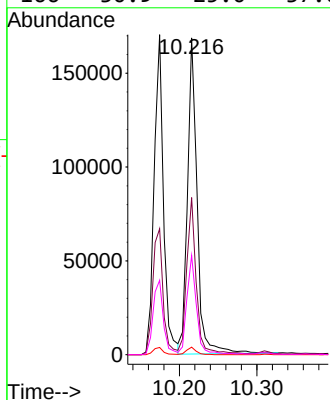
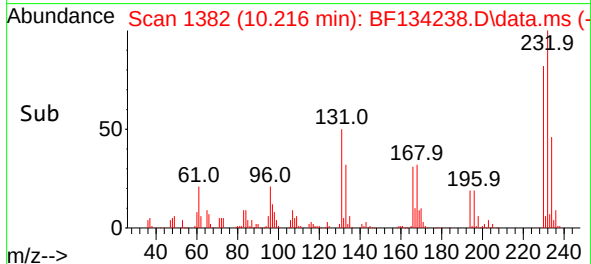
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



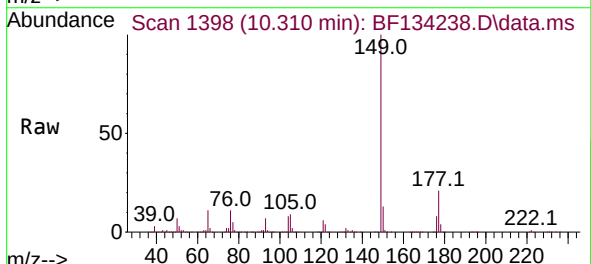
Tgt Ion:232 Resp: 145414
Ion Ratio Lower Upper
232 100
131 48.5 39.3 58.9
130 2.4 1.8 2.6
166 30.9 25.0 37.6

Manual Integrations
APPROVED

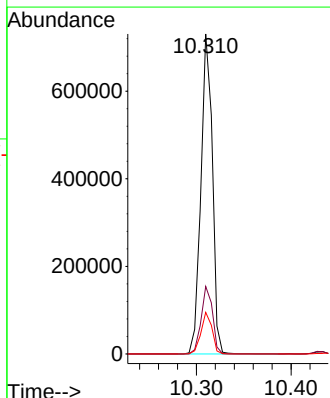
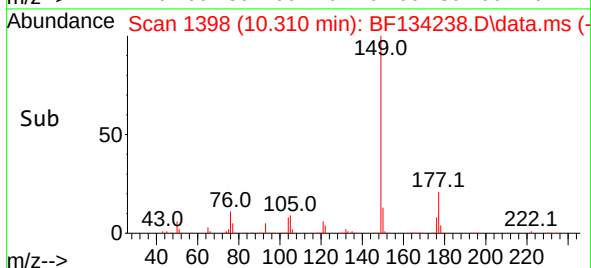
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023

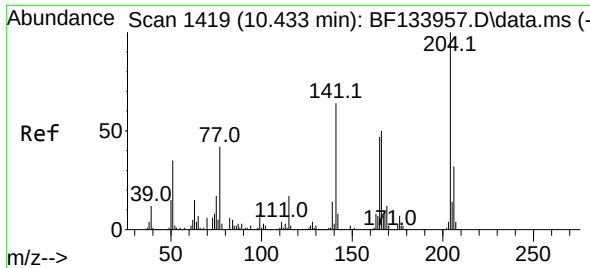


#60
Diethylphthalate
Concen: 40.419 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03



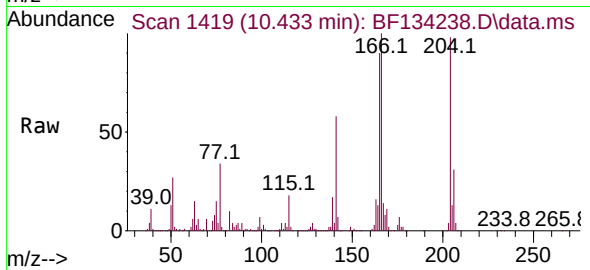
Tgt Ion:149 Resp: 612551
Ion Ratio Lower Upper
149 100
177 21.1 17.0 25.6
150 13.0 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 40.483 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

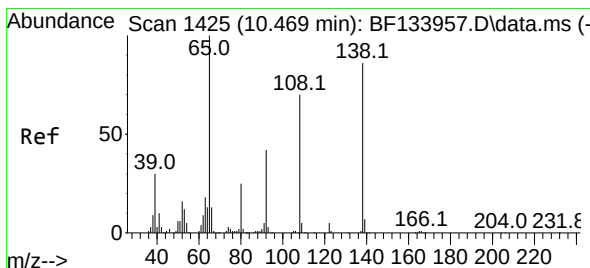
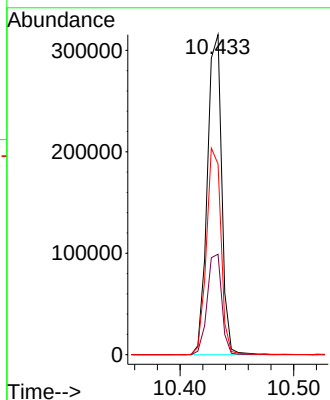
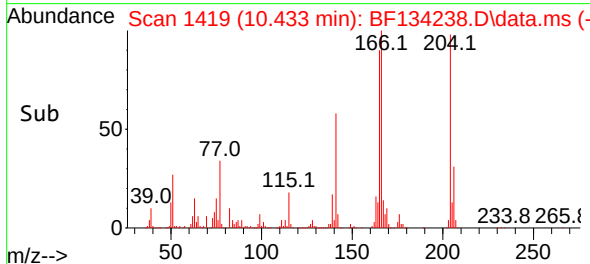
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



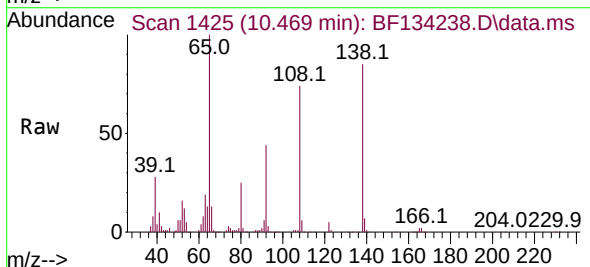
Tgt Ion:204 Resp: 27653
Ion Ratio Lower Upper
204 100
206 31.4 25.8 38.6
141 59.6 51.5 77.3

Manual Integrations
APPROVED

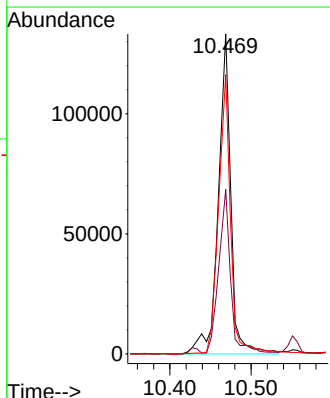
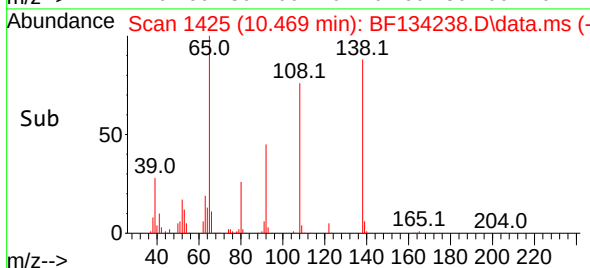
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023

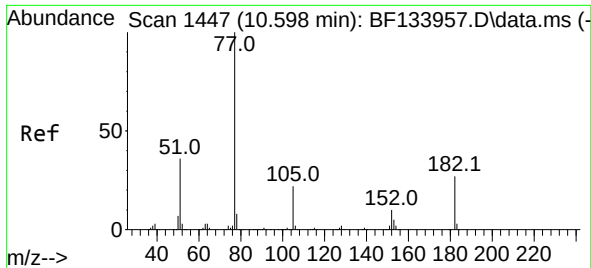


#62
4-Nitroaniline
Concen: 37.941 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03



Tgt Ion:138 Resp: 143716
Ion Ratio Lower Upper
138 100
92 51.5 29.7 69.7
108 87.3 62.1 102.1





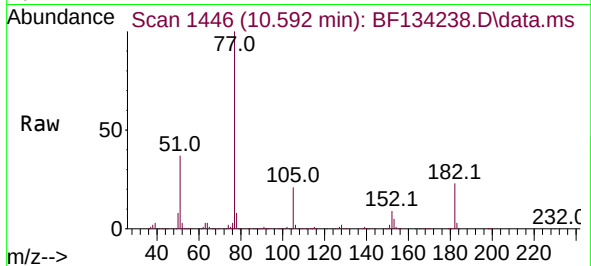
#63
Azobenzene
Concen: 39.015 ng
RT: 10.592 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



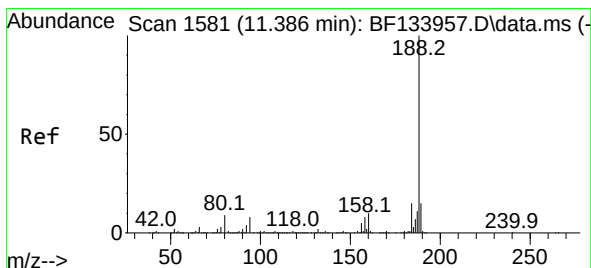
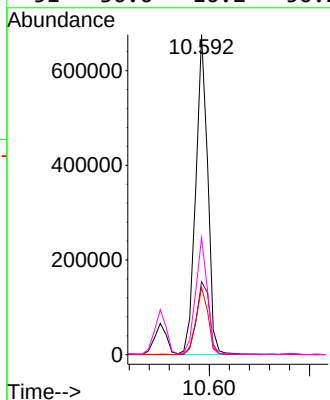
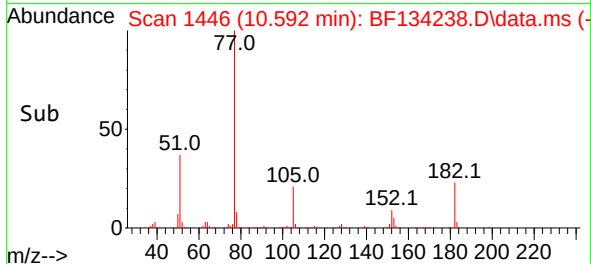
Tgt Ion: 77 Resp: 559289
Ion Ratio Lower Upper
77 100
182 22.8 6.8 46.8
105 21.0 2.3 42.3
51 36.6 16.2 56.2

Manual Integrations

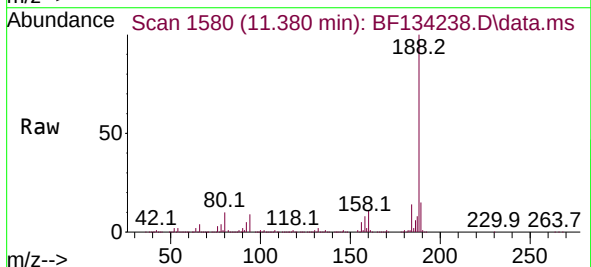
APPROVED

Reviewed By :Yogesh Patel 07/13/2023

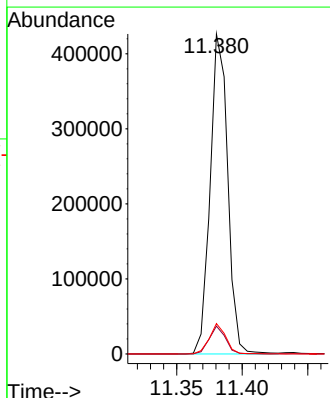
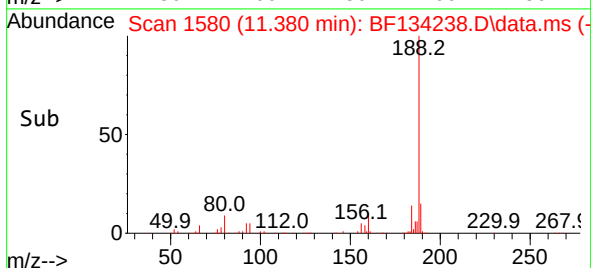
Supervised By :mohammad ahmed 07/13/2023

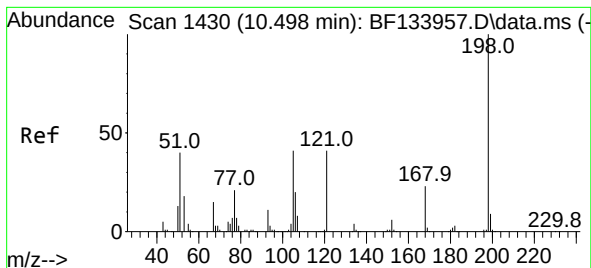


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03



Tgt Ion:188 Resp: 397665
Ion Ratio Lower Upper
188 100
94 8.7 6.4 9.6
80 9.5 7.3 10.9





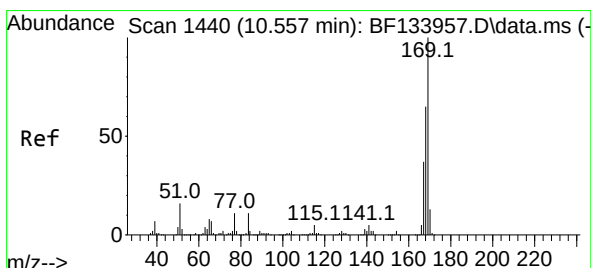
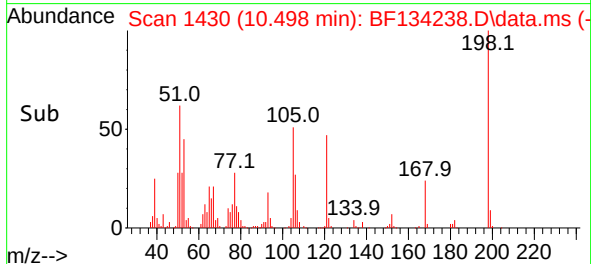
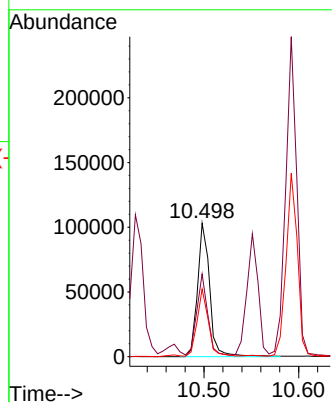
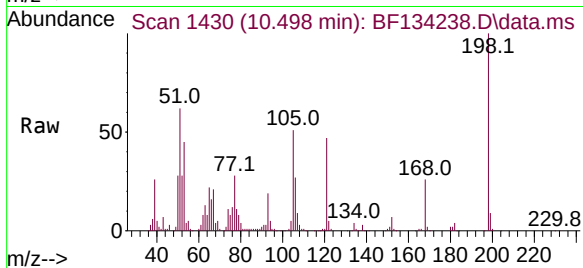
#65
4,6-Dinitro-2-methylphenol
Concen: 42.511 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 92160
Ion Ratio Lower Upper
198 100
51 62.0 29.3 69.3
105 50.7 22.4 62.4

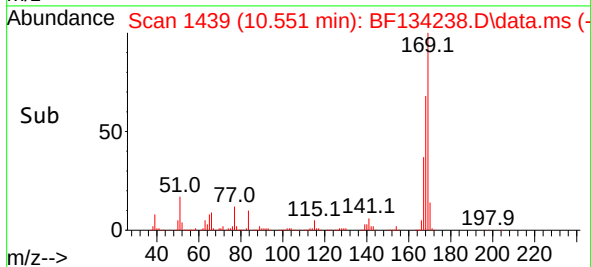
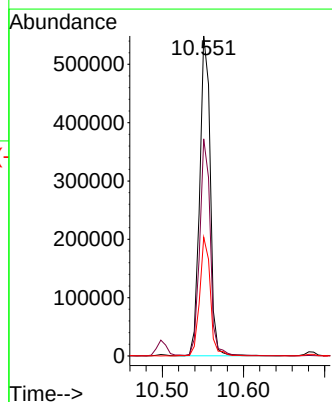
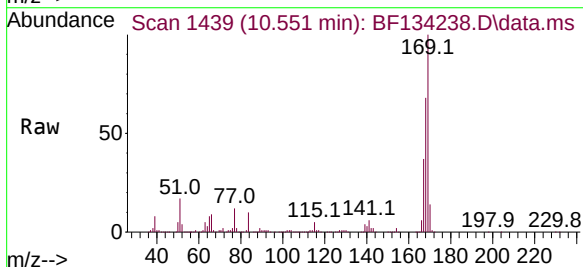
Manual Integrations
APPROVED

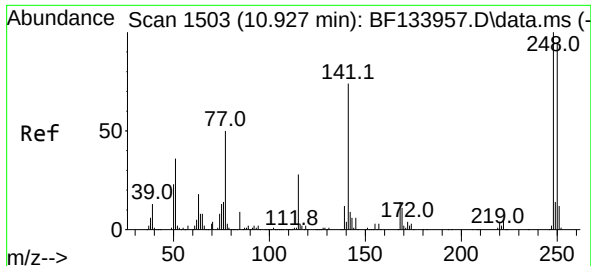
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#66
n-Nitrosodiphenylamine
Concen: 39.067 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

Tgt Ion:169 Resp: 496369
Ion Ratio Lower Upper
169 100
168 67.8 52.3 78.5
167 37.1 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 40.836 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

Instrument :

BNA_F

ClientSampleId :

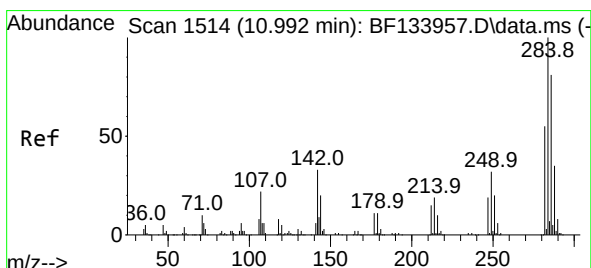
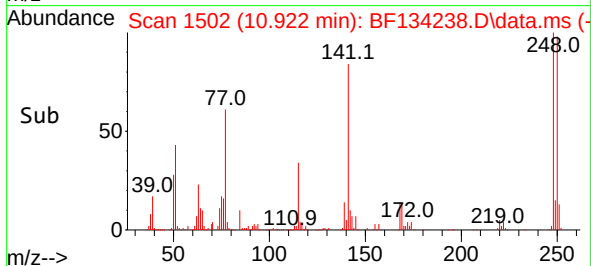
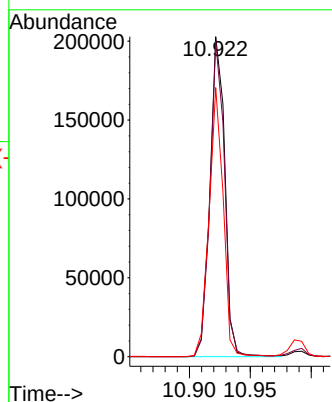
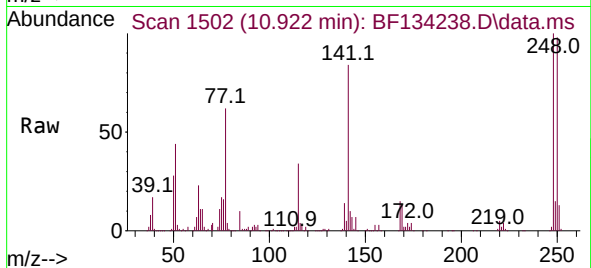
SSTDCCC040

Tgt Ion:248 Resp: 17260
Ion Ratio Lower Upper
248 100
250 98.5 76.2 114.4
141 84.1 59.0 88.4

Manual Integrations

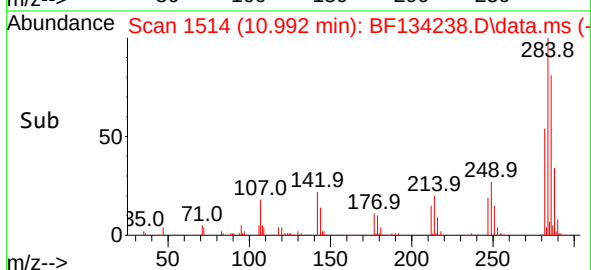
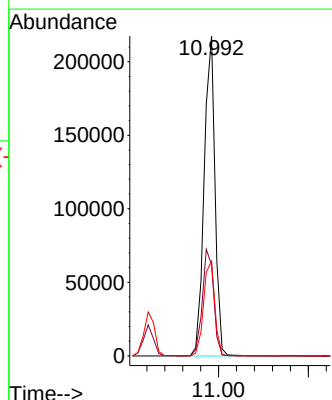
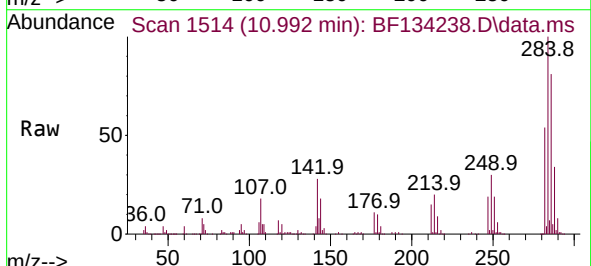
APPROVED

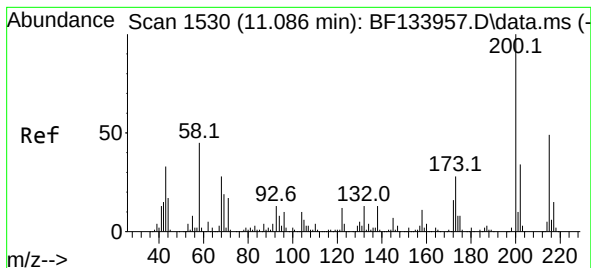
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#68
Hexachlorobenzene
Concen: 40.676 ng
RT: 10.992 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

Tgt Ion:284 Resp: 182546
Ion Ratio Lower Upper
284 100
142 28.5 26.6 40.0
249 29.6 25.5 38.3





#69

Atrazine

Concen: 40.808 ng

RT: 11.080 min Scan# 1529

Delta R.T. -0.000 min

Lab File: BF134238.D

Acq: 12 Jul 2023 10:03

Instrument :

BNA_F

ClientSampleId :

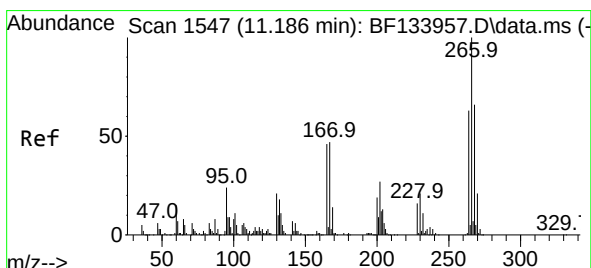
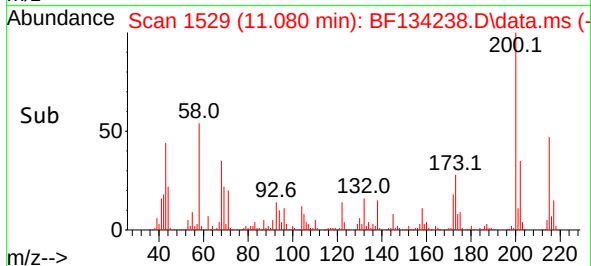
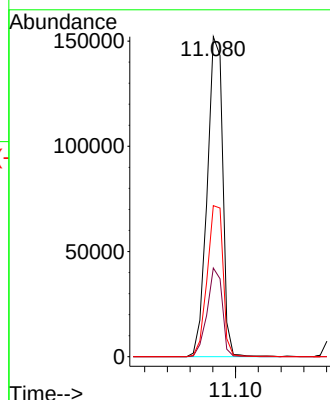
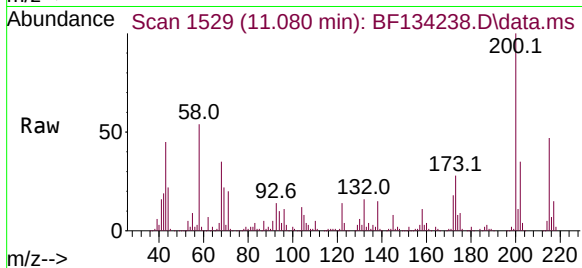
SSTDCCC040

Tgt Ion:200 Resp: 14341
 Ion Ratio Lower Upper
 200 100
 173 27.7 8.0 48.0
 215 47.2 29.3 69.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/13/2023
 Supervised By :mohammad ahmed 07/13/2023



#70

Pentachlorophenol

Concen: 38.579 ng

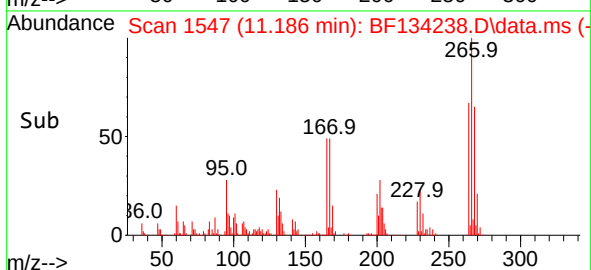
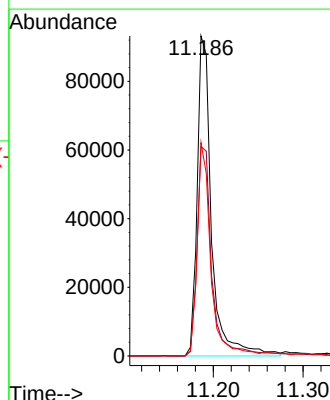
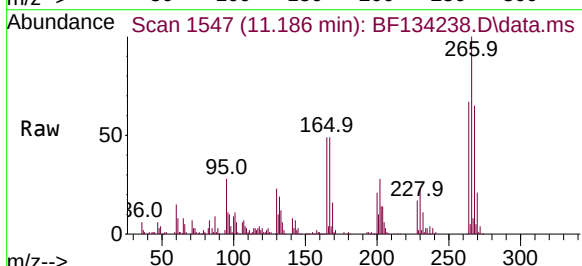
RT: 11.186 min Scan# 1547

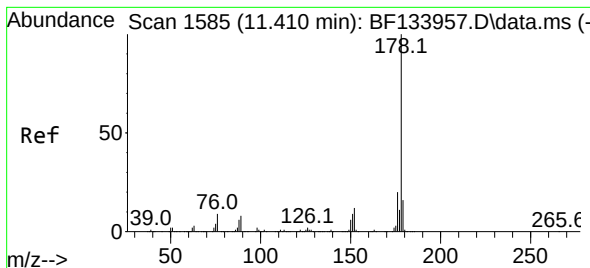
Delta R.T. -0.000 min

Lab File: BF134238.D

Acq: 12 Jul 2023 10:03

Tgt Ion:266 Resp: 103519
 Ion Ratio Lower Upper
 266 100
 268 65.5 52.6 79.0
 264 66.7 50.6 76.0





#71

Phenanthrene

Concen: 39.318 ng

RT: 11.410 min Scan# 1585

Delta R.T. 0.006 min

Lab File: BF134238.D

Acq: 12 Jul 2023 10:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 787118

Ion Ratio Lower Upper

178 100

176 19.6 16.0 24.0

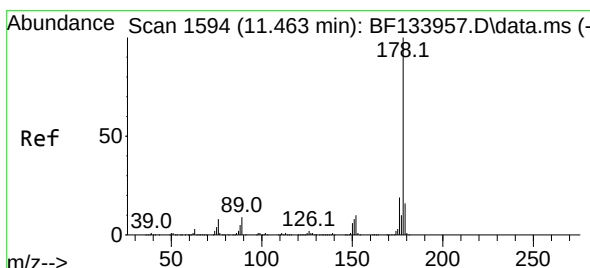
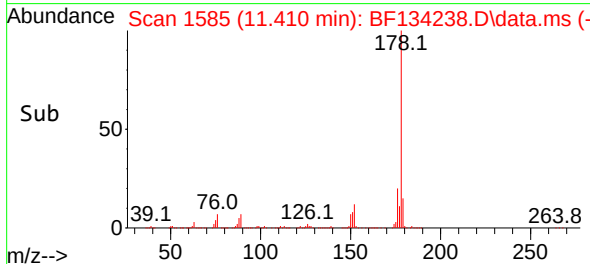
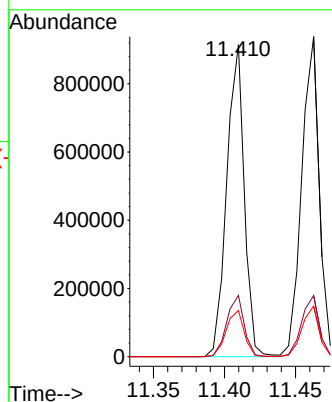
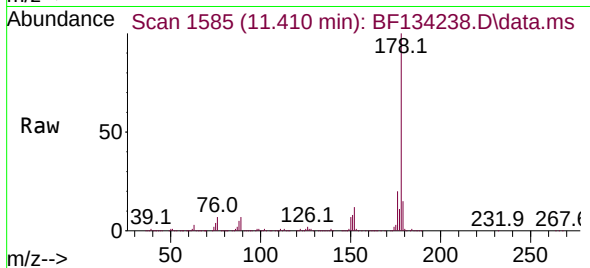
179 14.8 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/13/2023

Supervised By :mohammad ahmed 07/13/2023



#72

Anthracene

Concen: 39.317 ng

RT: 11.463 min Scan# 1594

Delta R.T. 0.006 min

Lab File: BF134238.D

Acq: 12 Jul 2023 10:03

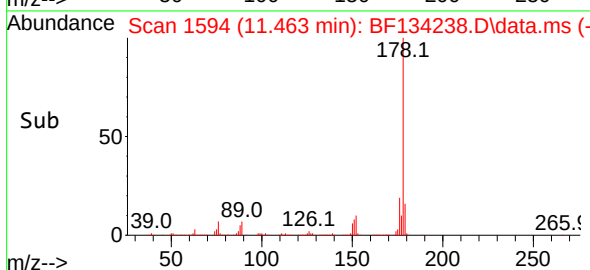
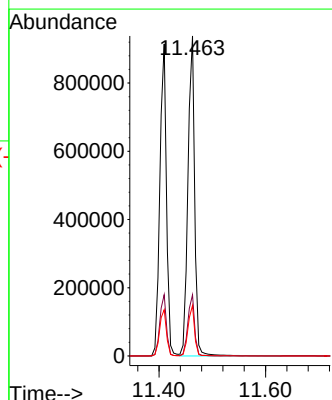
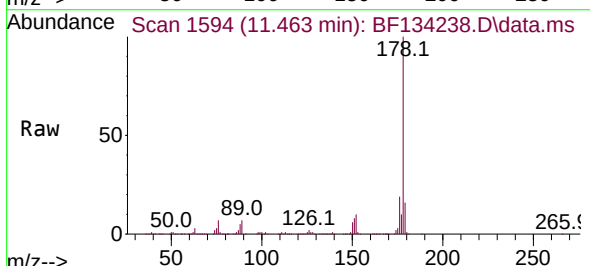
Tgt Ion:178 Resp: 818666

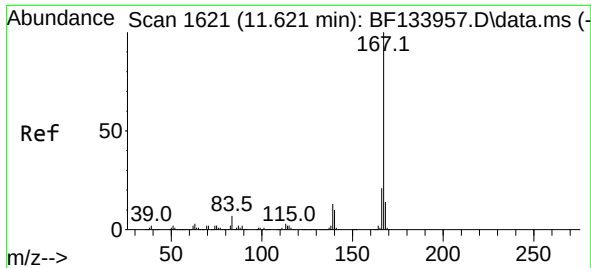
Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.8 12.4 18.6





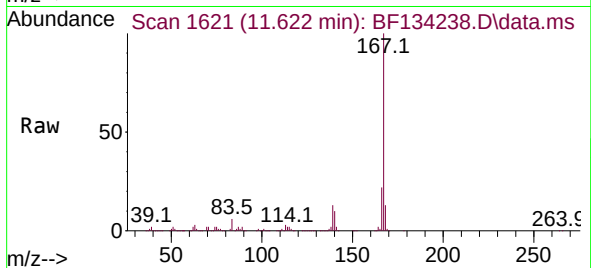
#73
 Carbazole
 Concen: 39.230 ng
 RT: 11.622 min Scan# 1621
 Delta R.T. 0.006 min
 Lab File: BF134238.D
 Acq: 12 Jul 2023 10:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



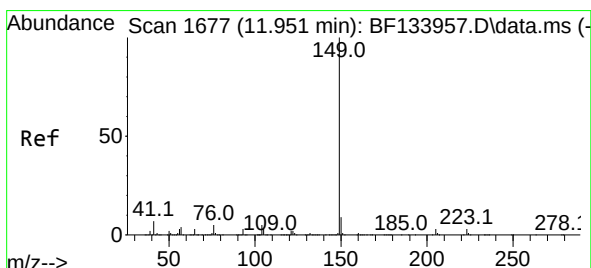
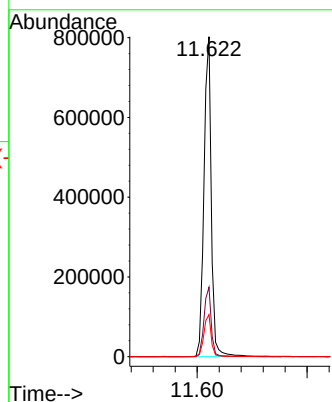
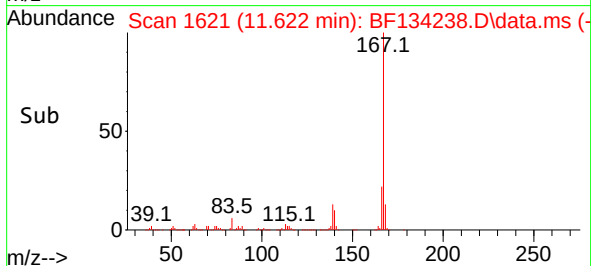
Tgt Ion:167 Resp: 747679
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 13.2 10.4 15.6

Manual Integrations

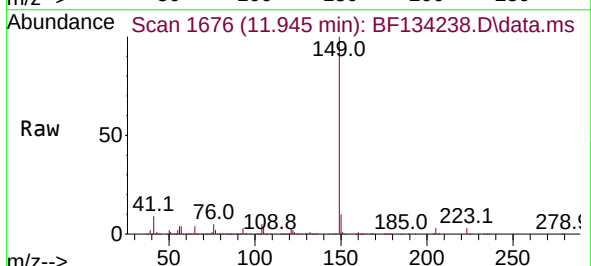
APPROVED

Reviewed By :Yogesh Patel 07/13/2023

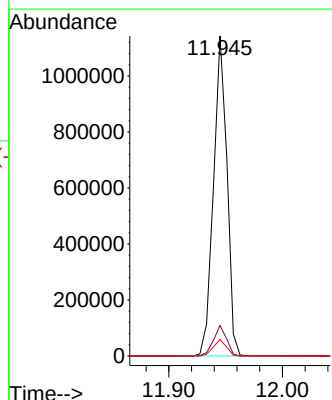
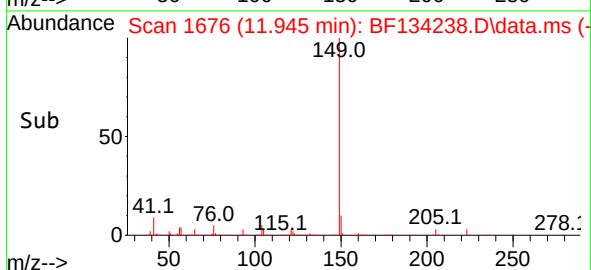
Supervised By :mohammad ahmed 07/13/2023

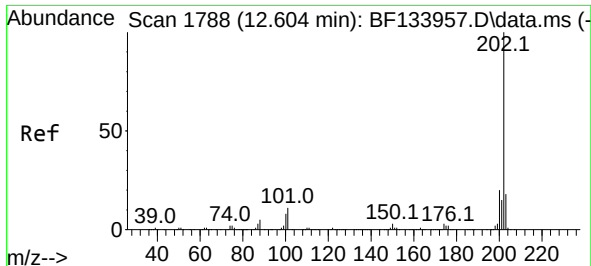


#74
 Di-n-butylphthalate
 Concen: 41.369 ng
 RT: 11.945 min Scan# 1676
 Delta R.T. -0.000 min
 Lab File: BF134238.D
 Acq: 12 Jul 2023 10:03



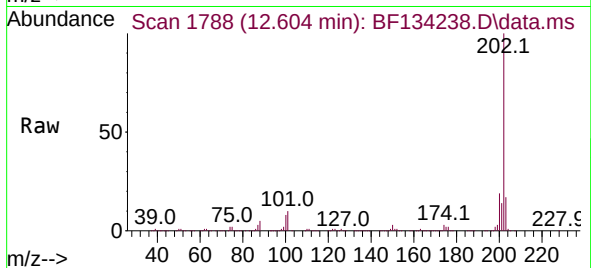
Tgt Ion:149 Resp: 937609
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.1 10.7
 104 5.2 4.0 6.0





#75
Fluoranthene
Concen: 39.064 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

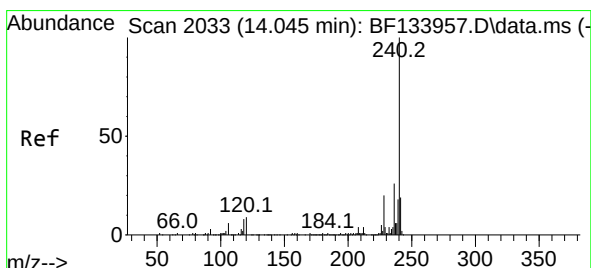
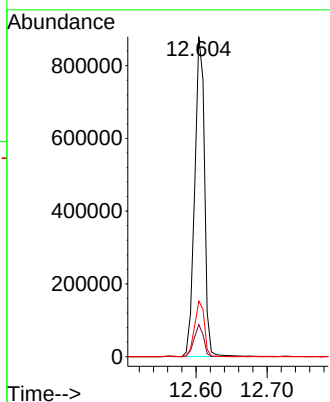
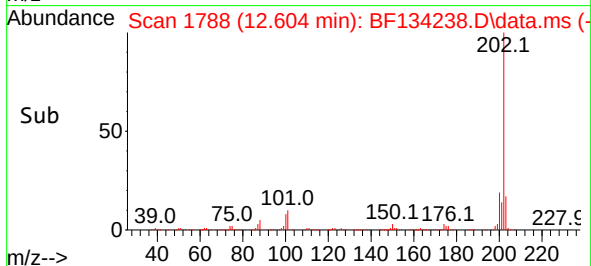
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 845452
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.0
203 17.3 0.0 37.6

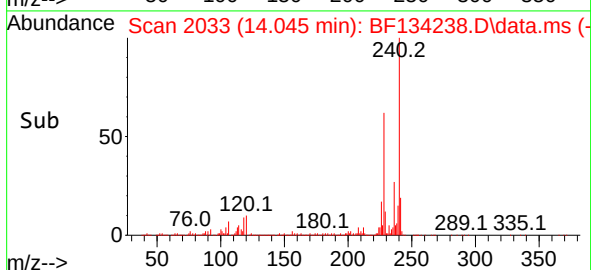
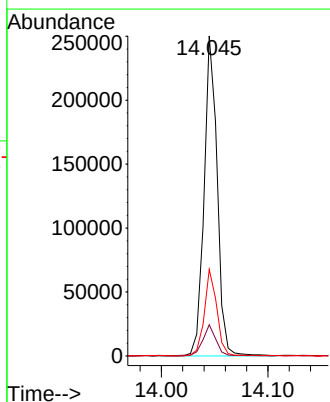
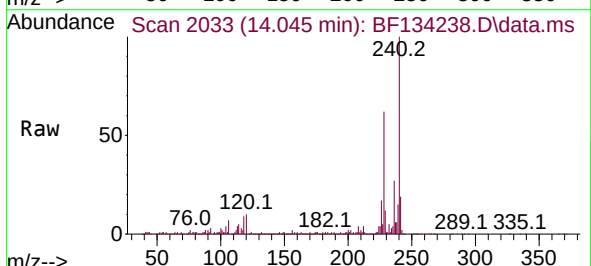
Manual Integrations
APPROVED

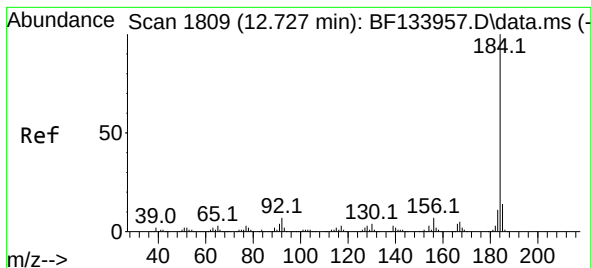
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

Tgt Ion:240 Resp: 214549
Ion Ratio Lower Upper
240 100
120 9.8 7.4 11.0
236 27.0 21.0 31.6





#77

Benzidine

Concen: 37.906 ng

RT: 12.727 min Scan# 1809

Delta R.T. -0.000 min

Lab File: BF134238.D

Acq: 12 Jul 2023 10:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:184 Resp: 193510

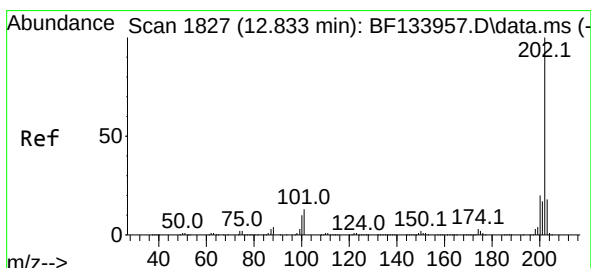
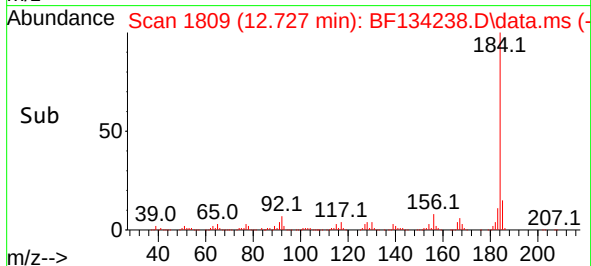
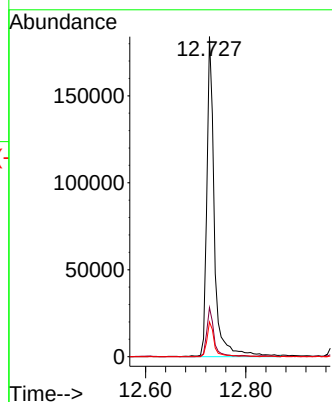
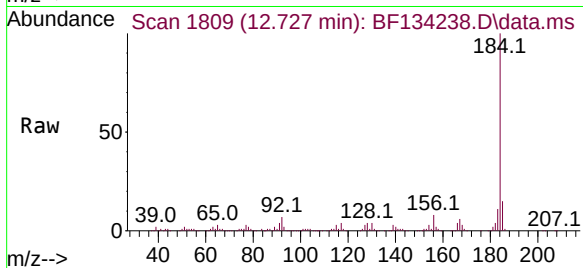
Ion	Ratio	Lower	Upper
184	100		
185	15.4	11.6	17.4
183	10.9	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/13/2023

Supervised By :mohammad ahmed 07/13/2023



#78

Pyrene

Concen: 42.024 ng

RT: 12.839 min Scan# 1828

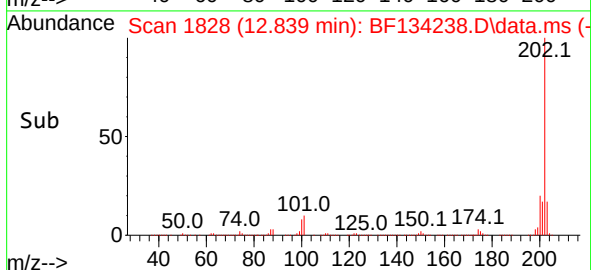
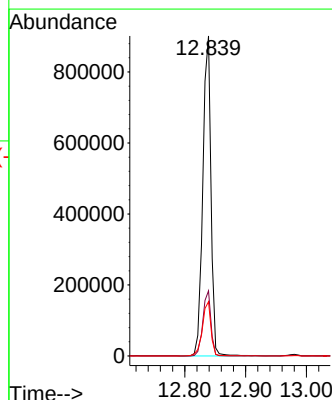
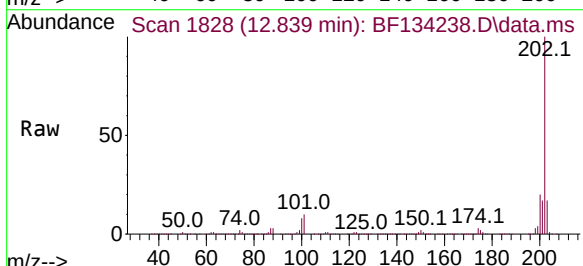
Delta R.T. 0.006 min

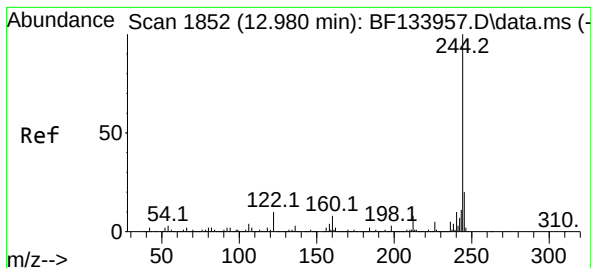
Lab File: BF134238.D

Acq: 12 Jul 2023 10:03

Tgt Ion:202 Resp: 839076

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.1	24.1
203	16.9	14.3	21.5





#79

Terphenyl-d14

Concen: 88.390 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.006 min

Lab File: BF134238.D

Acq: 12 Jul 2023 10:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:244 Resp: 117830

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

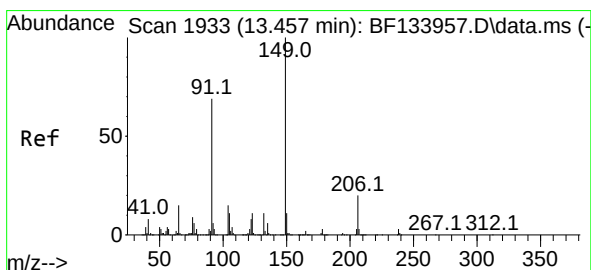
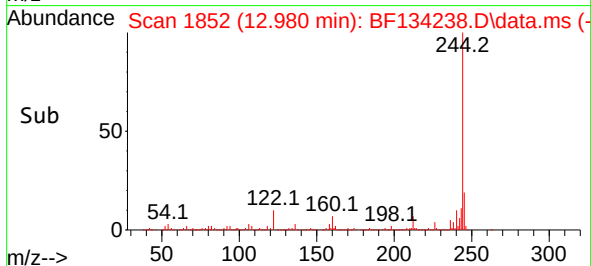
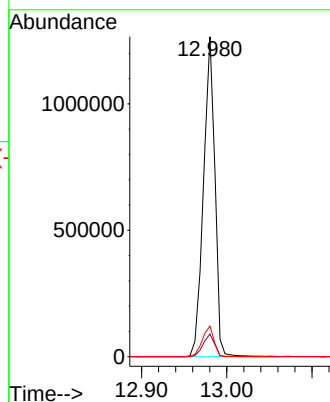
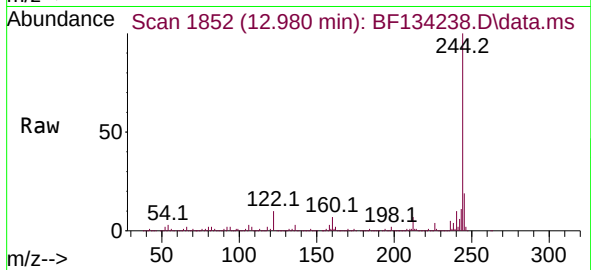
122 9.5 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/13/2023

Supervised By :mohammad ahmed 07/13/2023



#80

Butylbenzylphthalate

Concen: 45.303 ng

RT: 13.457 min Scan# 1933

Delta R.T. 0.006 min

Lab File: BF134238.D

Acq: 12 Jul 2023 10:03

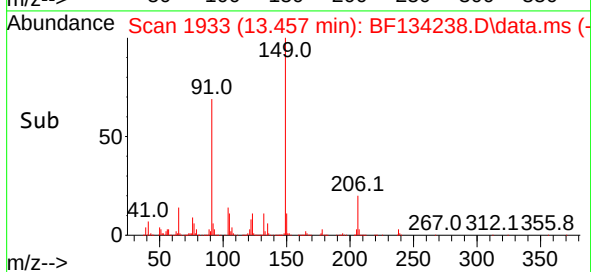
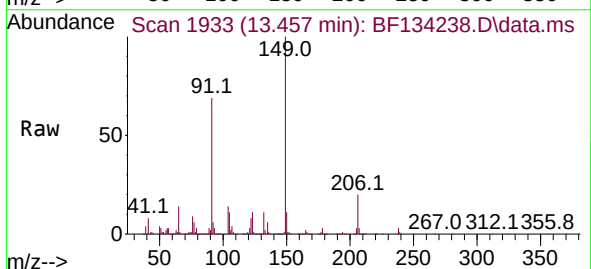
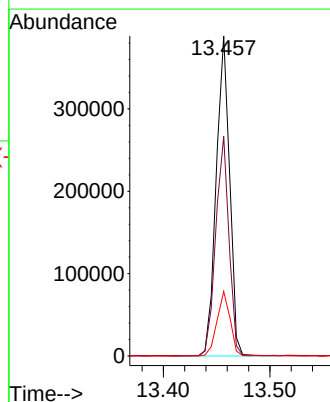
Tgt Ion:149 Resp: 339251

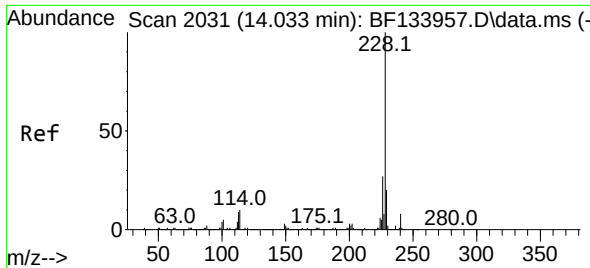
Ion Ratio Lower Upper

149 100

91 68.6 55.1 82.7

206 20.2 15.7 23.5





#81
Benzo(a)anthracene
Concen: 39.066 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

Instrument :

BNA_F

ClientSampleId :

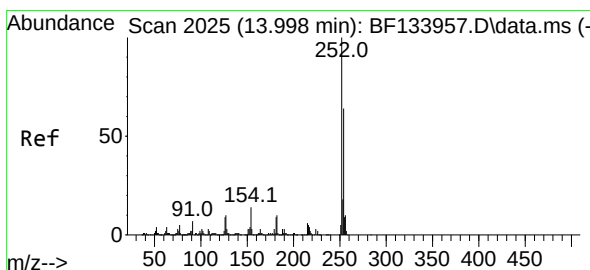
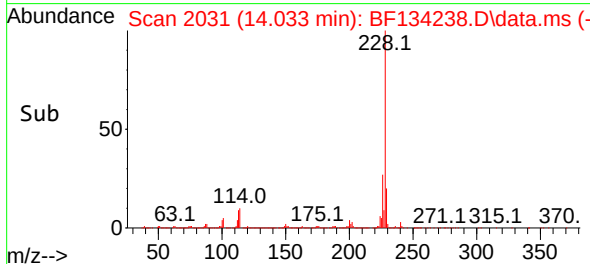
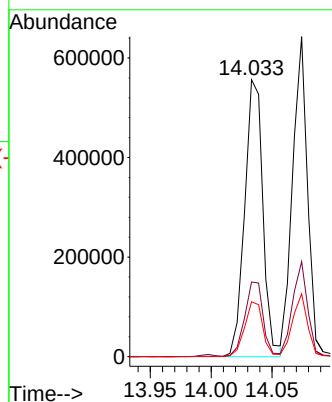
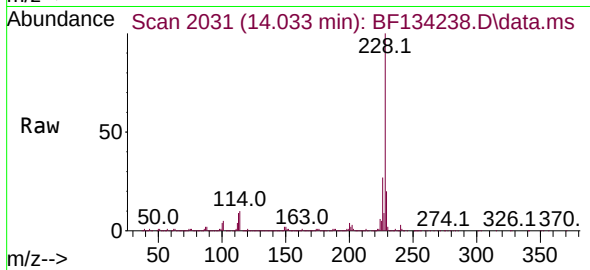
SSTDCCC040

Tgt Ion:228 Resp: 581284
Ion Ratio Lower Upper
228 100
226 27.0 22.0 33.0
229 19.8 16.3 24.5

Manual Integrations

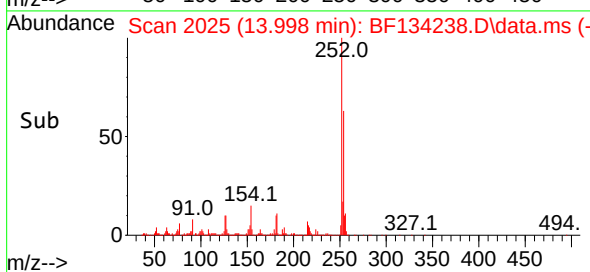
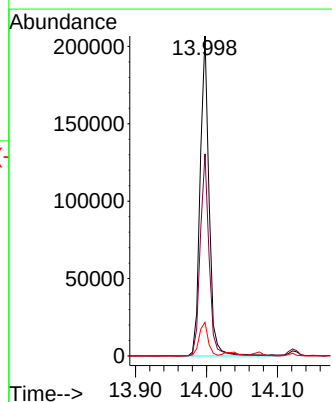
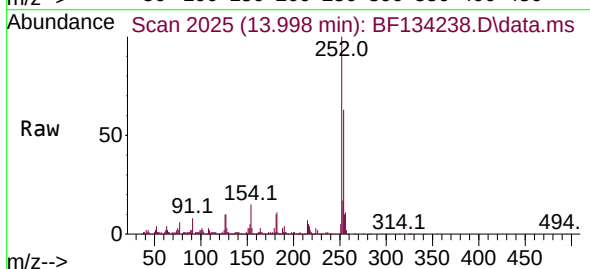
APPROVED

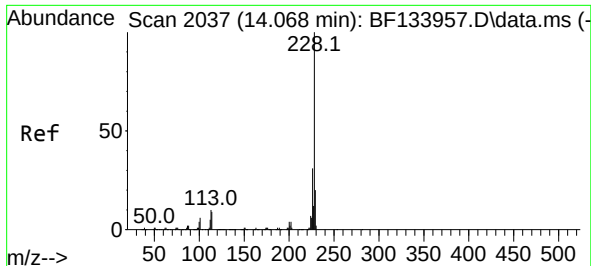
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#82
3,3'-Dichlorobenzidine
Concen: 38.581 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

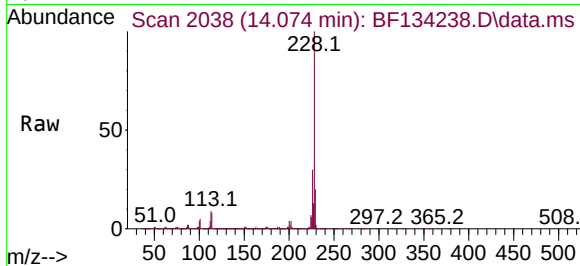
Tgt Ion:252 Resp: 181875
Ion Ratio Lower Upper
252 100
254 63.2 51.4 77.0
126 10.5 7.4 11.2





#83
Chrysene
Concen: 38.473 ng
RT: 14.074 min Scan# 2037
Delta R.T. 0.006 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

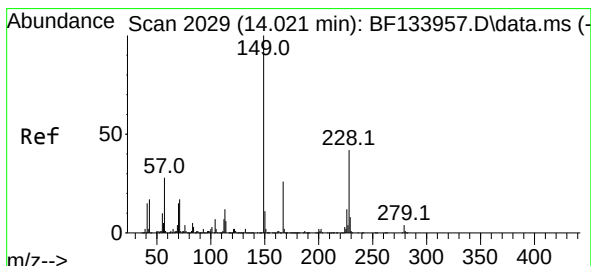
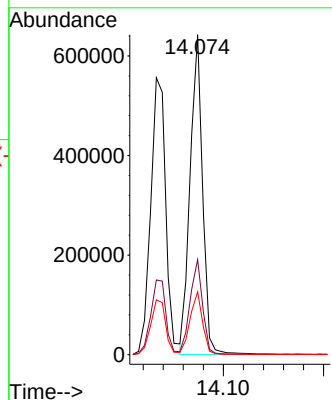
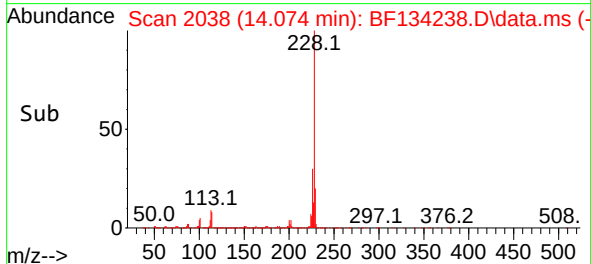
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 55445
Ion Ratio Lower Upper
228 100
226 29.7 24.4 36.6
229 19.7 16.1 24.1

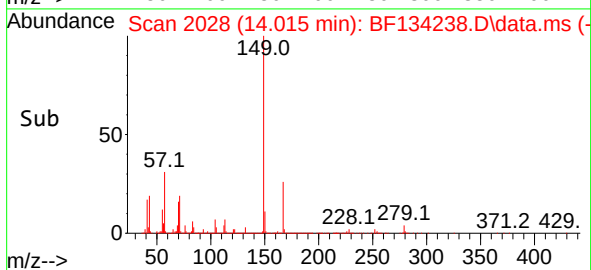
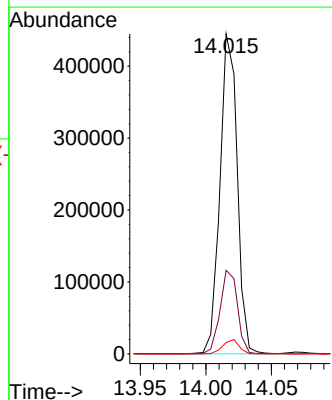
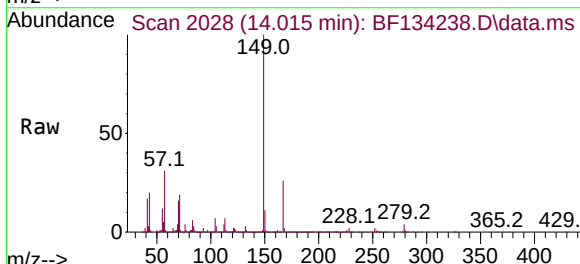
Manual Integrations
APPROVED

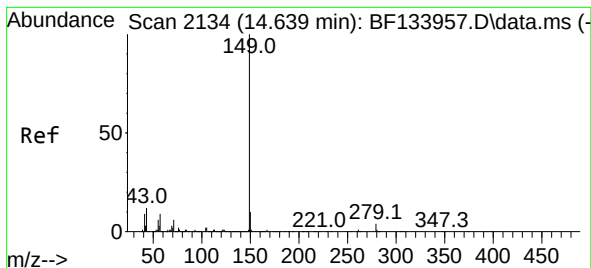
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.165 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

Tgt Ion:149 Resp: 405841
Ion Ratio Lower Upper
149 100
167 26.1 21.0 31.4
279 3.6 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 43.276 ng

RT: 14.639 min Scan# 2134

Delta R.T. -0.000 min

Lab File: BF134238.D

Acq: 12 Jul 2023 10:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

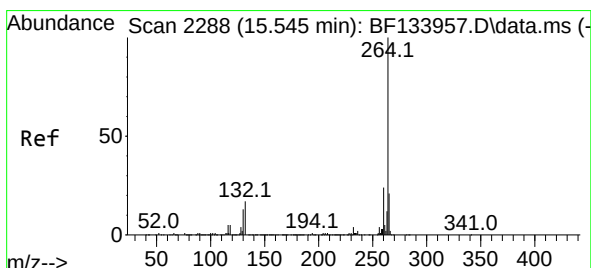
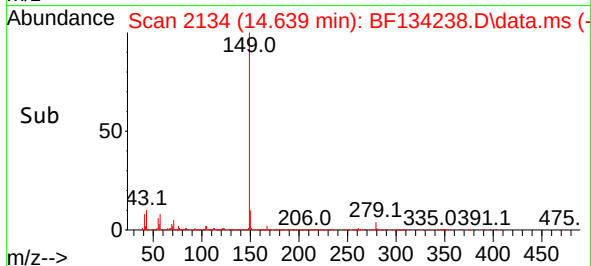
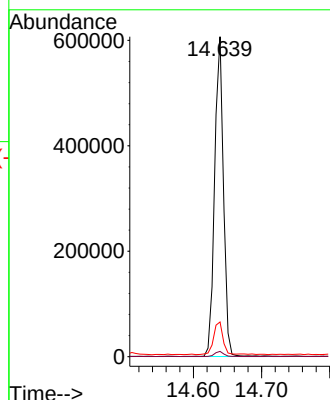
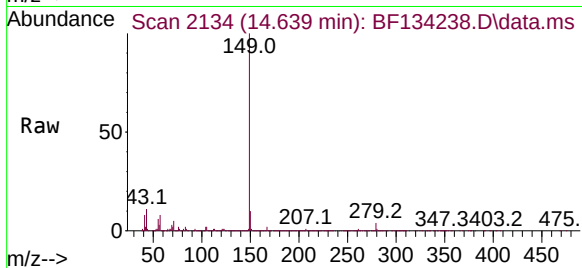
Tgt Ion:	149	Resp:	54716
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	11.3	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/13/2023

Supervised By :mohammad ahmed 07/13/2023



#86

Perylene-d12

Concen: 20.000 ng

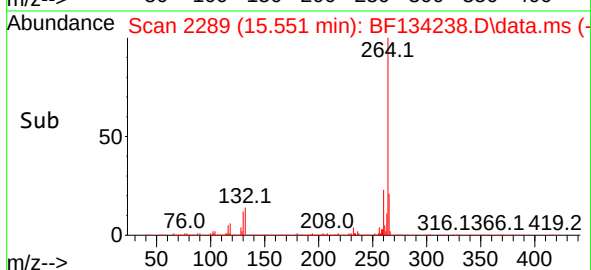
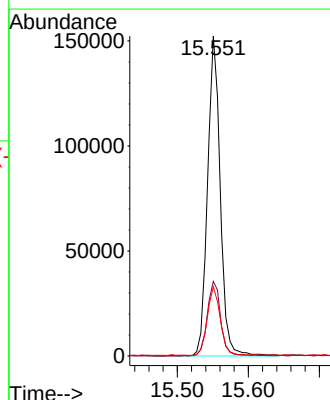
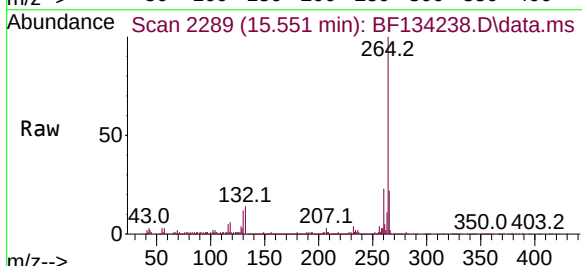
RT: 15.551 min Scan# 2289

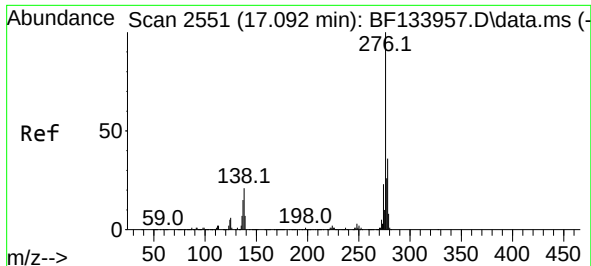
Delta R.T. 0.006 min

Lab File: BF134238.D

Acq: 12 Jul 2023 10:03

Tgt Ion:	264	Resp:	189878
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.5	29.3
265	21.6	16.6	25.0





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.624 ng
 RT: 17.109 min Scan# 2114
 Delta R.T. 0.012 min
 Lab File: BF134238.D
 Acq: 12 Jul 2023 10:03

Instrument :

BNA_F

ClientSampleId :

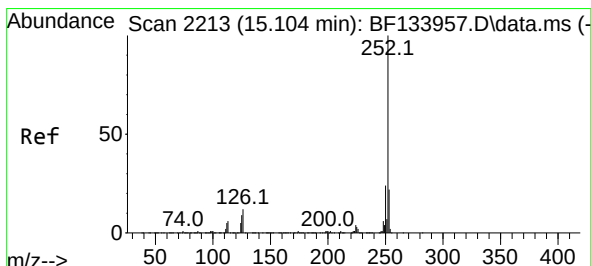
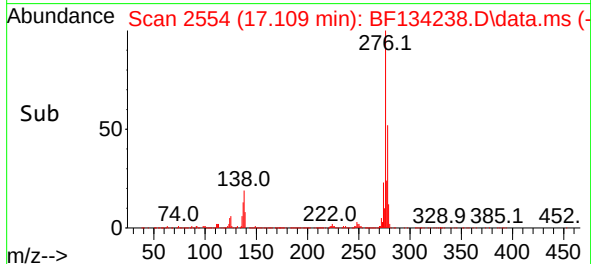
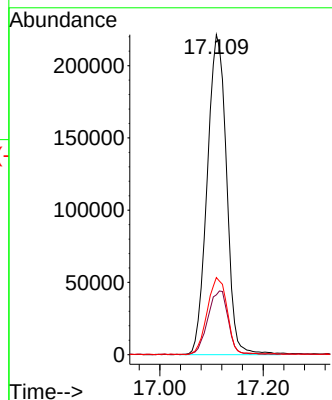
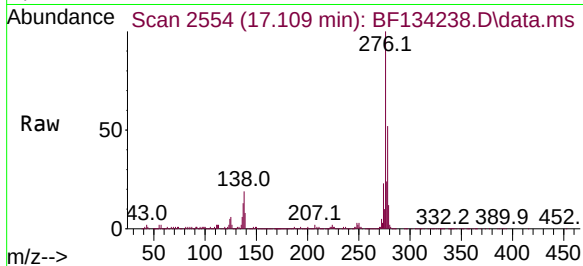
SSTDCCC040

Tgt Ion:276 Resp: 574770
 Ion Ratio Lower Upper
 276 100
 138 20.8 18.7 28.1
 277 25.0 19.9 29.9

Manual Integrations

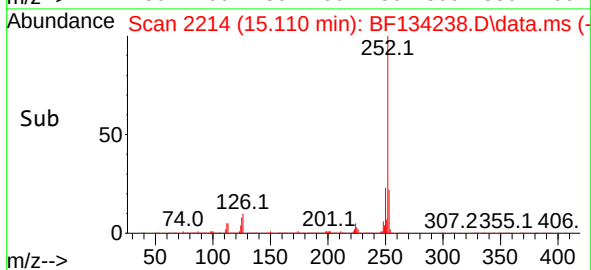
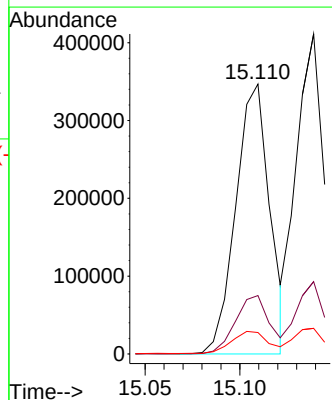
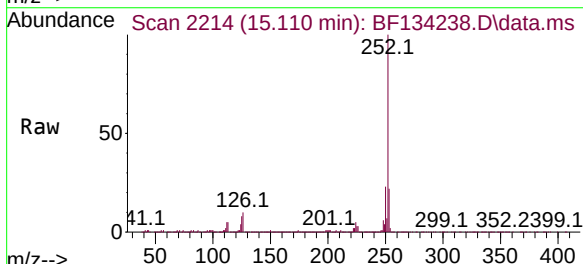
APPROVED

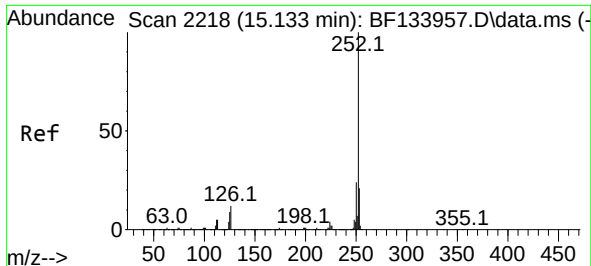
Reviewed By :Yogesh Patel 07/13/2023
 Supervised By :mohammad ahmed 07/13/2023



#88
 Benzo(b)fluoranthene
 Concen: 38.707 ng
 RT: 15.110 min Scan# 2214
 Delta R.T. 0.006 min
 Lab File: BF134238.D
 Acq: 12 Jul 2023 10:03

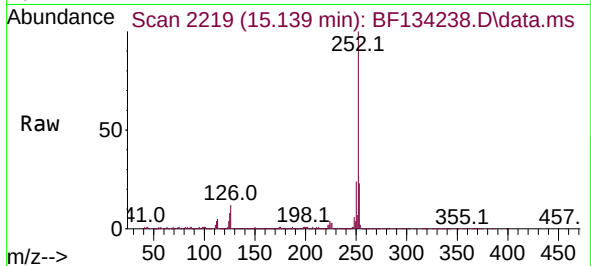
Tgt Ion:252 Resp: 432159
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.4 26.0
 125 8.0 7.1 10.7





#89
Benzo(k)fluoranthene
Concen: 38.361 ng
RT: 15.139 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

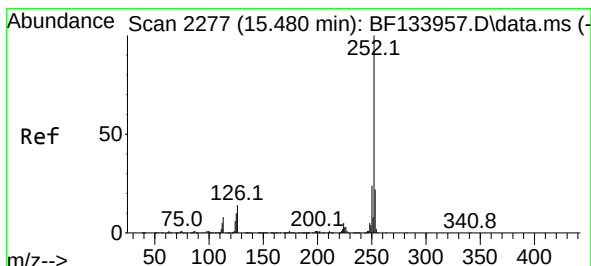
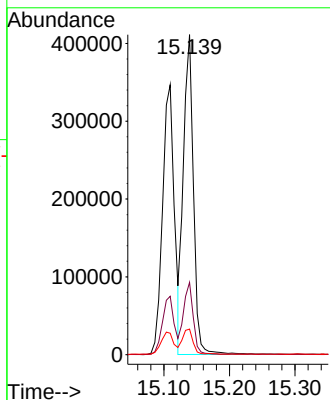
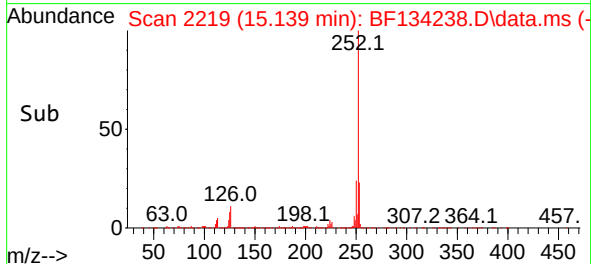
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



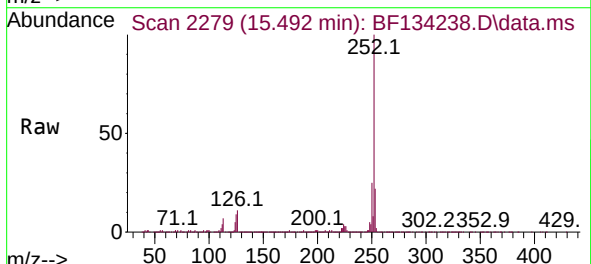
Tgt Ion:252 Resp: 436072
Ion Ratio Lower Upper
252 100
253 22.6 16.9 25.3
125 8.0 7.4 11.2

Manual Integrations
APPROVED

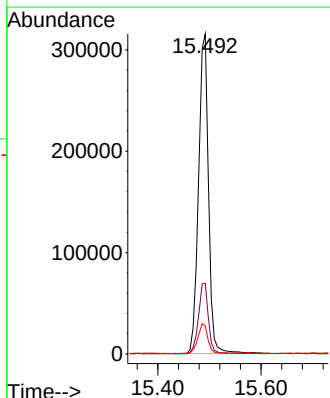
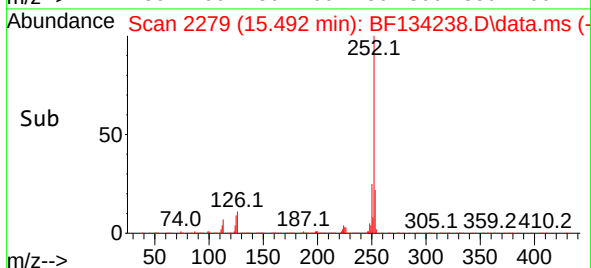
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023

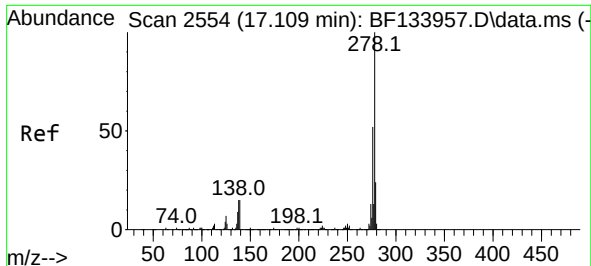


#90
Benzo(a)pyrene
Concen: 39.135 ng
RT: 15.492 min Scan# 2279
Delta R.T. 0.012 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03



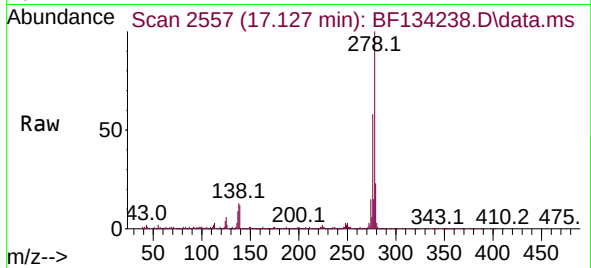
Tgt Ion:252 Resp: 422512
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 8.8 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 44.492 ng
RT: 17.127 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03

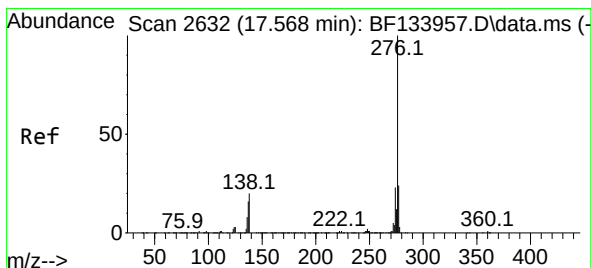
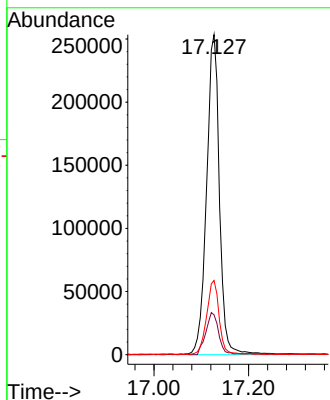
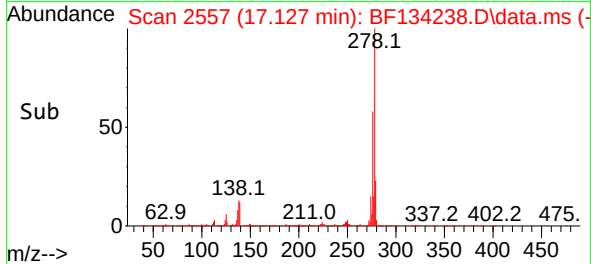
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



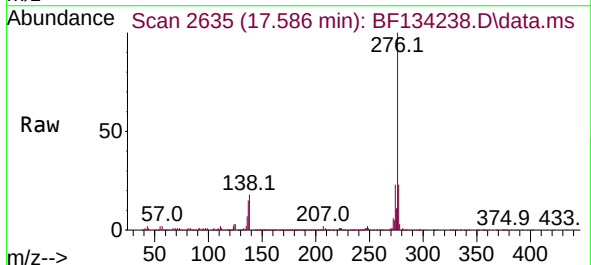
Tgt Ion:278 Resp: 478810
Ion Ratio Lower Upper
278 100
139 12.5 12.2 18.4
279 23.2 19.4 29.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#92
Benzo(g,h,i)perylene
Concen: 43.055 ng
RT: 17.586 min Scan# 2635
Delta R.T. 0.018 min
Lab File: BF134238.D
Acq: 12 Jul 2023 10:03



Tgt Ion:276 Resp: 477815
Ion Ratio Lower Upper
276 100
277 22.9 19.0 28.6
138 17.6 16.2 24.2

