

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053123\
 Data File : BF133535.D
 Acq On : 31 May 2023 11:51
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/01/2023
 Supervised By :mohammad ahmed 06/01/2023

Quant Time: May 31 12:21:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 30 12:58:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	145554	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	519518	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	252252	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	484967	20.000	ng	0.00
76) Chrysene-d12	14.004	240	343711	20.000	ng	0.00
86) Perylene-d12	15.457	264	305315	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	695021	79.669	ng	0.00
7) Phenol-d6	6.463	99	847343	78.902	ng	0.00
23) Nitrobenzene-d5	7.398	82	769907	98.949	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	222878	88.638	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1283640	78.541	ng	0.00
79) Terphenyl-d14	12.951	244	1416988	73.299	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.569	88	163098	41.396	ng	99
3) Pyridine	3.310	79	443118	40.112	ng	97
4) n-Nitrosodimethylamine	3.269	42	241040	40.008	ng	92
6) Aniline	6.498	93	576881	39.563	ng	99
8) 2-Chlorophenol	6.616	128	353463	41.120	ng	99
9) Benzaldehyde	6.381	77	214793	40.299	ng	96
10) Phenol	6.475	94	444139	41.226	ng	98
11) bis(2-Chloroethyl)ether	6.575	93	339248	38.087	ng	99
12) 1,3-Dichlorobenzene	6.775	146	369154	38.683	ng	99
13) 1,4-Dichlorobenzene	6.851	146	370152	38.688	ng	99
14) 1,2-Dichlorobenzene	7.004	146	341268	38.653	ng	100
15) Benzyl Alcohol	6.975	79	325839	39.965	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	620521	36.731	ng	99
17) 2-Methylphenol	7.081	107	316208	38.845	ng	100
18) Hexachloroethane	7.345	117	133893	40.472	ng	96
19) n-Nitroso-di-n-propyla...	7.251	70	250750	36.088	ng	99
20) 3+4-Methylphenols	7.239	107	382316	41.542	ng	94
22) Acetophenone	7.245	105	460165	38.463	ng	95
24) Nitrobenzene	7.422	77	393771	47.496	ng	94
25) Isophorone	7.657	82	691387	38.127	ng	99
26) 2-Nitrophenol	7.734	139	181228	47.733	ng	98
27) 2,4-Dimethylphenol	7.769	122	301011	39.013	ng	98
28) bis(2-Chloroethoxy)met...	7.869	93	394582	37.525	ng	98
29) 2,4-Dichlorophenol	7.969	162	288383	41.543	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	295144	39.308	ng	99
31) Naphthalene	8.139	128	993219	39.434	ng	99
32) Benzoic acid	7.881	122	225322m	44.895	ng	
33) 4-Chloroaniline	8.186	127	430568	39.886	ng	99
34) Hexachlorobutadiene	8.257	225	176197	38.578	ng	98
35) Caprolactam	8.563	113	98206	43.137	ng	95
36) 4-Chloro-3-methylphenol	8.663	107	314378	40.429	ng	99
37) 2-Methylnaphthalene	8.828	142	665644	38.707	ng	98
38) 1-Methylnaphthalene	8.928	142	626856	39.104	ng	99
40) 1,2,4,5-Tetrachloroben...	8.992	216	285318	38.162	ng	99
41) Hexachlorocyclopentadiene	8.981	237	153914	40.172	ng	99
43) 2,4,6-Trichlorophenol	9.104	196	196422	41.058	ng	99

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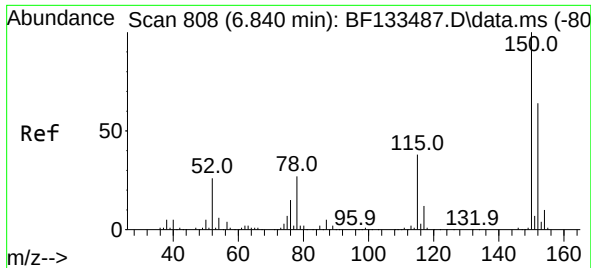
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	235126	42.343	ng	98
46) 1,1'-Biphenyl	9.292	154	784071	38.258	ng	99
47) 2-Chloronaphthalene	9.322	162	575854	38.770	ng	98
48) 2-Nitroaniline	9.416	65	214771	45.284	ng	95
49) Acenaphthylene	9.733	152	993194	39.184	ng	99
50) Dimethylphthalate	9.598	163	687778	38.794	ng	99
51) 2,6-Dinitrotoluene	9.657	165	154240	45.929	ng	89
52) Acenaphthene	9.904	154	619266	40.332	ng	99
53) 3-Nitroaniline	9.828	138	193189	45.866	ng	# 92
54) 2,4-Dinitrophenol	9.928	184	77841	53.777	ng	94
55) Dibenzofuran	10.080	168	886607	38.813	ng	98
56) 4-Nitrophenol	9.975	139	148882	49.083	ng	98
57) 2,4-Dinitrotoluene	10.057	165	200982	48.035	ng	93
58) Fluorene	10.422	166	641794	38.348	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	182641	43.673	ng	99
60) Diethylphthalate	10.298	149	702632	38.177	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	305043	37.959	ng	97
62) 4-Nitroaniline	10.439	138	196152	46.183	ng	97
63) Azobenzene	10.575	77	699898	37.990	ng	97
65) 4,6-Dinitro-2-methylph...	10.463	198	101025	50.407	ng	90
66) n-Nitrosodiphenylamine	10.533	169	609484	38.711	ng	98
67) 4-Bromophenyl-phenylether	10.904	248	195178	37.896	ng	97
68) Hexachlorobenzene	10.963	284	209522	38.902	ng	96
69) Atrazine	11.063	200	171715	39.749	ng	97
70) Pentachlorophenol	11.157	266	150732	46.805	ng	98
71) Phenanthrene	11.386	178	970431	39.508	ng	99
72) Anthracene	11.433	178	997169	39.445	ng	99
73) Carbazole	11.592	167	952710	39.849	ng	99
74) Di-n-butylphthalate	11.927	149	1083348	38.321	ng	99
75) Fluoranthene	12.574	202	1091746	40.238	ng	99
77) Benzidine	12.692	184	312834	31.119	ng	99
78) Pyrene	12.804	202	1115281	38.131	ng	99
80) Butylbenzylphthalate	13.427	149	467146	40.368	ng	96
81) Benzo(a)anthracene	13.992	228	878131	38.352	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	280441	39.180	ng	97
83) Chrysene	14.027	228	903345	39.081	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	559846	38.703	ng	99
85) Di-n-octyl phthalate	14.598	149	984867	40.872	ng	98
87) Indeno(1,2,3-cd)pyrene	16.904	276	798841	41.076	ng	100
88) Benzo(b)fluoranthene	15.033	252	750041	37.726	ng	100
89) Benzo(k)fluoranthene	15.063	252	759804	39.194	ng	99
90) Benzo(a)pyrene	15.398	252	704020	38.916	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	649700	41.204	ng	99
92) Benzo(g,h,i)perylene	17.351	276	666747	41.935	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

Instrument :

BNA_F

ClientSampleId :

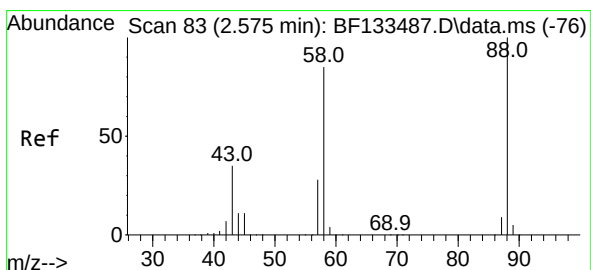
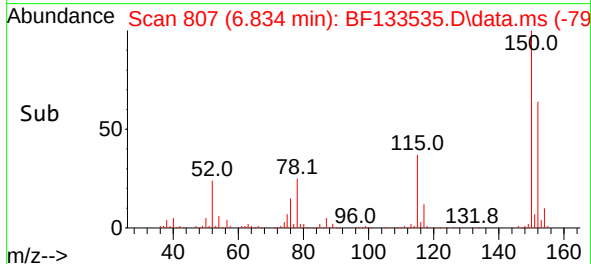
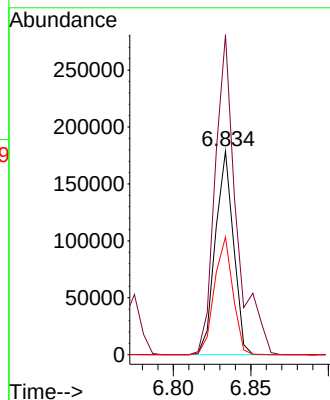
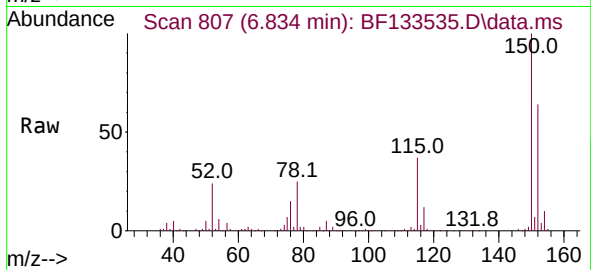
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Tgt Ion:152 Resp: 145554
Ion Ratio Lower Upper
152 100
150 157.2 124.9 187.3
115 57.8 48.1 72.1

Manual Integrations

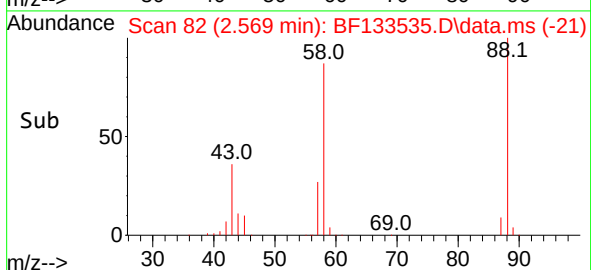
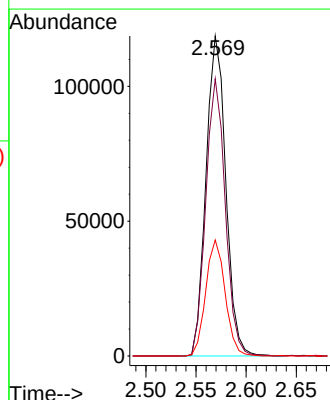
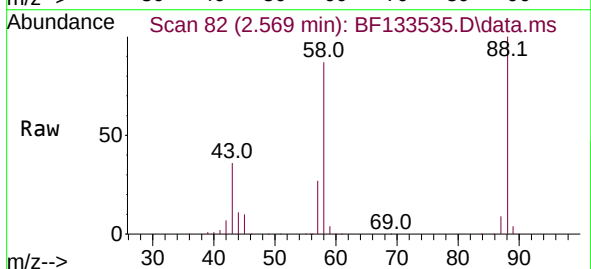
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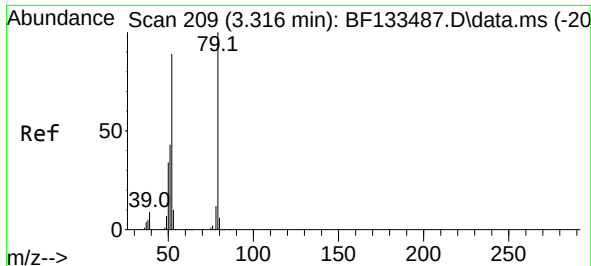
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#2
1,4-Dioxane
Concen: 41.396 ng
RT: 2.569 min Scan# 82
Delta R.T. 0.012 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

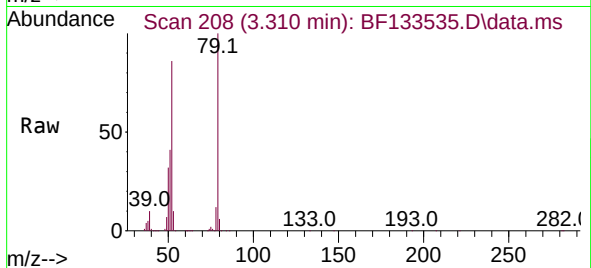
Tgt Ion: 88 Resp: 163098
Ion Ratio Lower Upper
88 100
58 85.3 67.7 101.5
43 35.5 28.2 42.4





#3
Pyridine
Concen: 40.112 ng
RT: 3.310 min Scan# 209
Delta R.T. 0.012 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

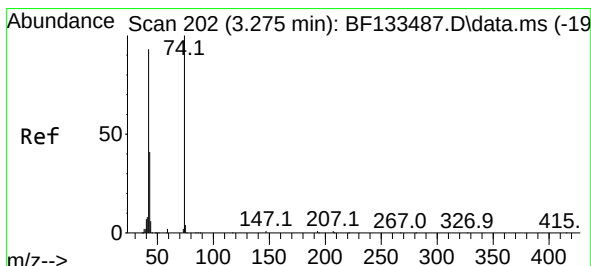
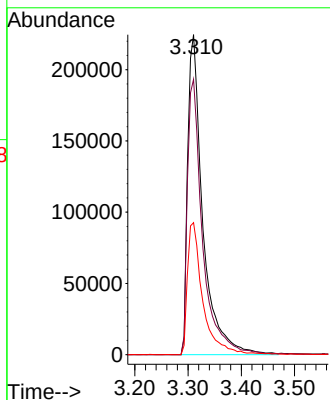
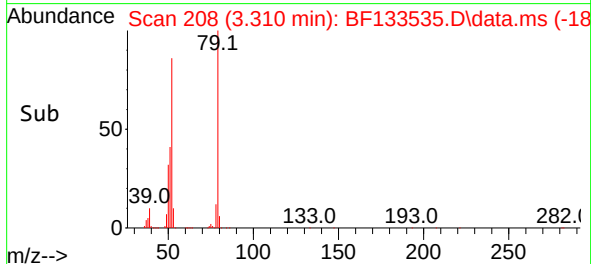
Instrument :
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ClientSampleId :
SSTDCCC040



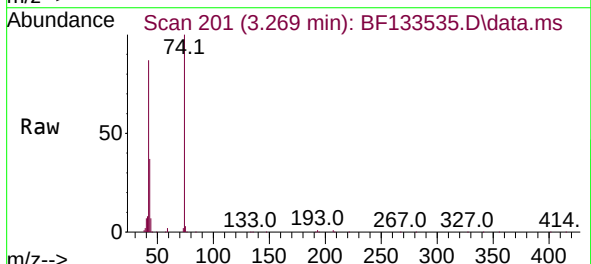
Tgt Ion: 79 Resp: 443118
Ion Ratio Lower Upper
79 100
52 86.0 71.3 106.9
51 41.2 34.4 51.6

Manual Integrations
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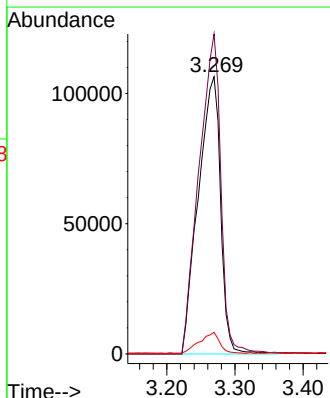
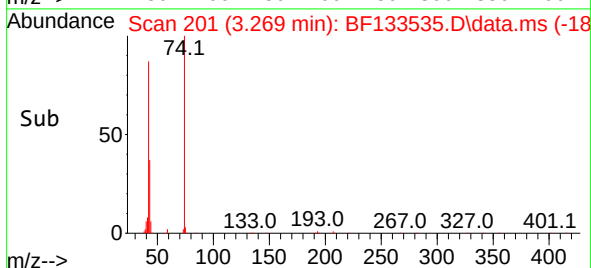
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

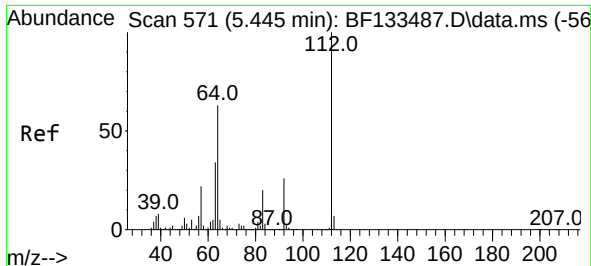


#4
n-Nitrosodimethylamine
Concen: 40.008 ng
RT: 3.269 min Scan# 201
Delta R.T. 0.012 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51



Tgt Ion: 42 Resp: 241040
Ion Ratio Lower Upper
42 100
74 115.4 85.7 128.5
44 7.8 5.6 8.4





#5
2-Fluorophenol
Concen: 79.669 ng
RT: 5.440 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

Instrument :

BNA_F

ClientSampleId :

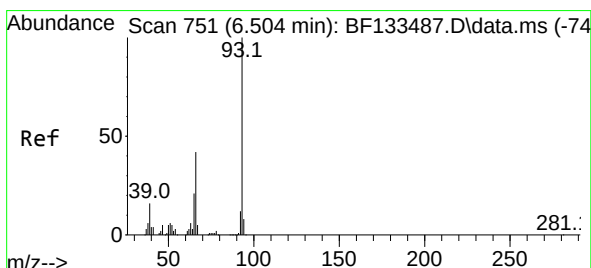
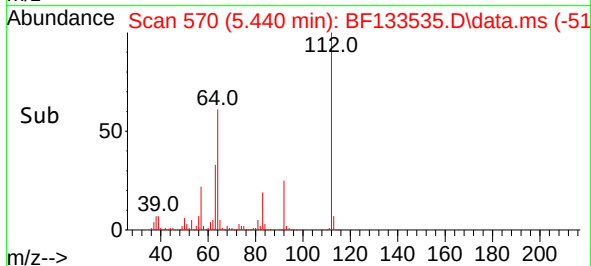
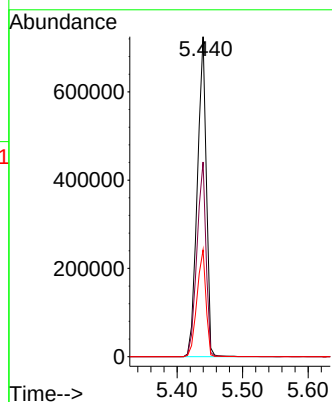
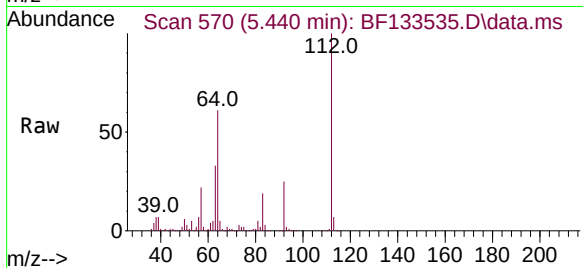
SSTDCCC040

Tgt Ion: 112 Resp: 69502
Ion Ratio Lower Upper
112 100
64 60.8 50.1 75.1
63 33.4 27.5 41.3

Manual Integrations

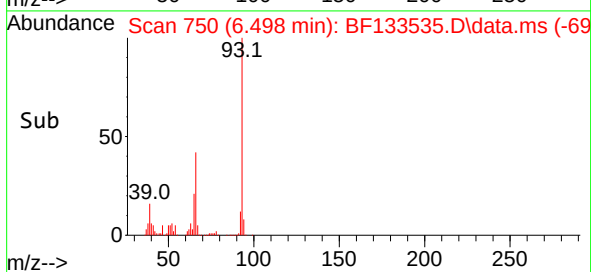
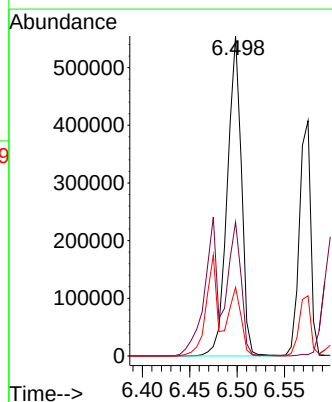
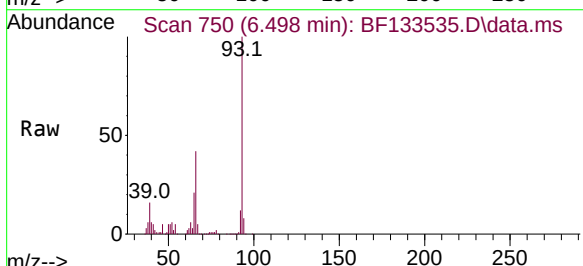
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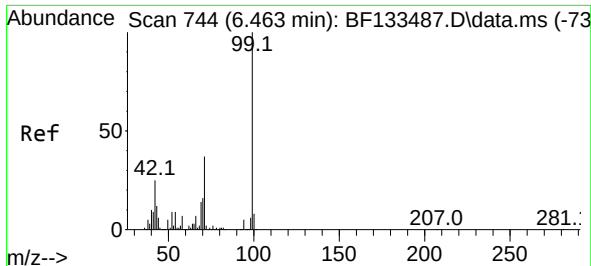
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#6
Aniline
Concen: 39.563 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

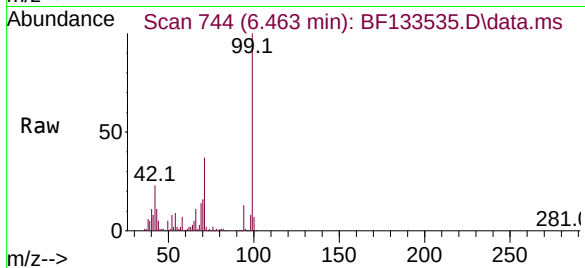
Tgt Ion: 93 Resp: 576881
Ion Ratio Lower Upper
93 100
66 41.9 33.9 50.9
65 21.5 17.2 25.8





#7
Phenol-d6
Concen: 78.902 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

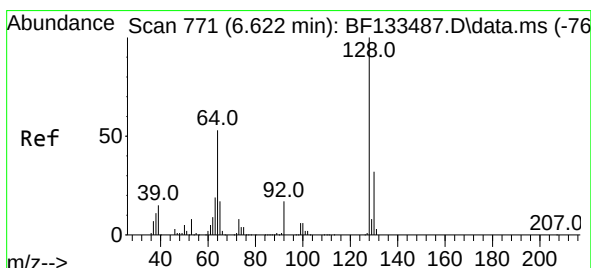
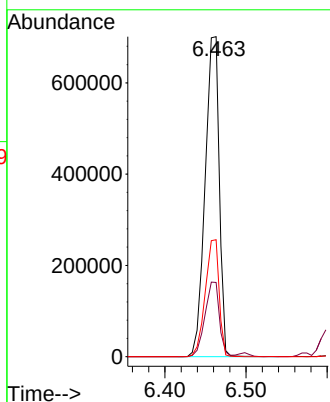
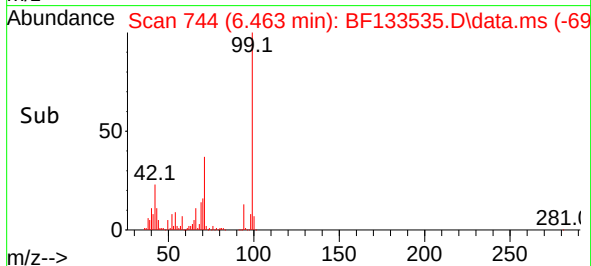
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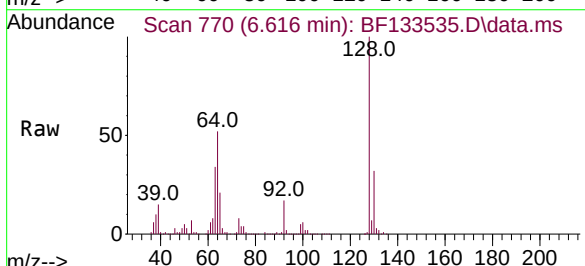
Tgt Ion: 99 Resp: 84734
Ion Ratio Lower Upper
99 100
42 23.2 19.7 29.5
71 36.5 29.8 44.8

Manual Integrations
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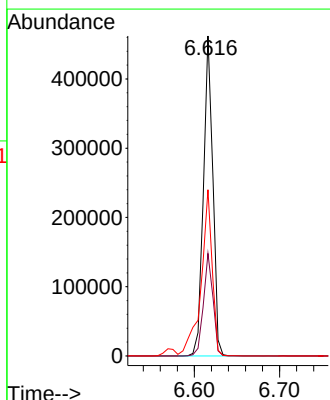
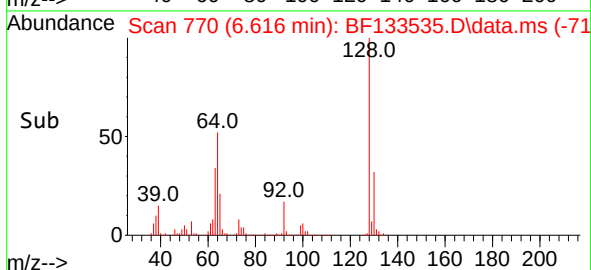
Reviewed By :Yogesh Patel 06/01/2023
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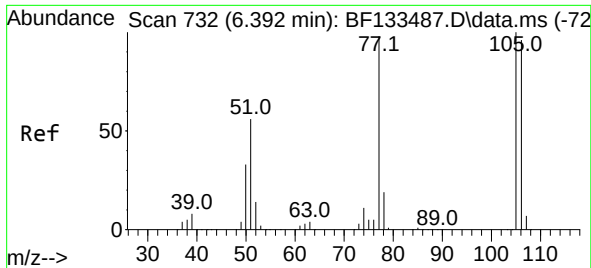


#8
2-Chlorophenol
Concen: 41.120 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51



Tgt Ion:128 Resp: 353463
Ion Ratio Lower Upper
128 100
130 32.0 12.4 52.4
64 52.0 33.3 73.3





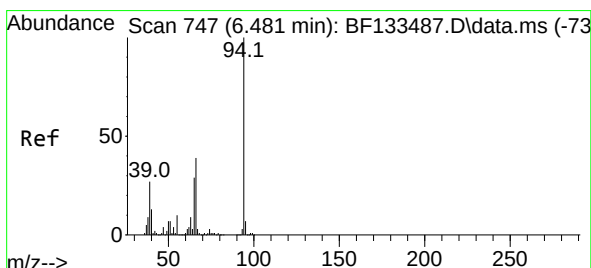
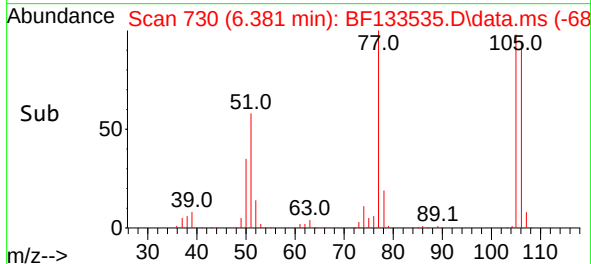
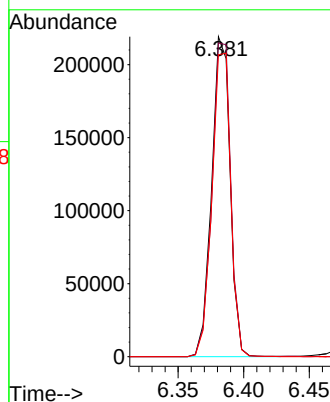
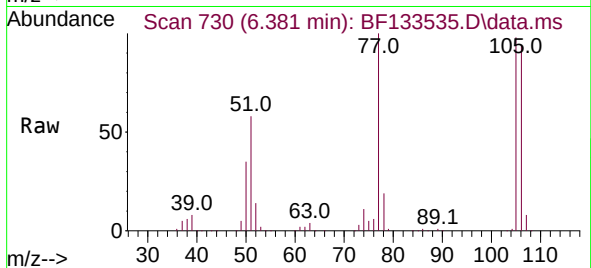
#9
Benzaldehyde
Concen: 40.299 ng
RT: 6.381 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 21479
Ion Ratio Lower Upper
77 100
105 98.0 81.9 121.9
106 94.3 77.8 117.8

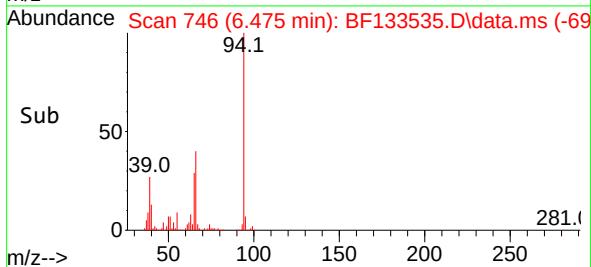
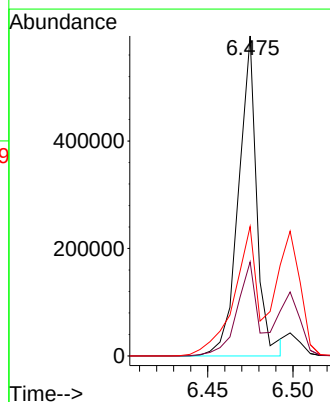
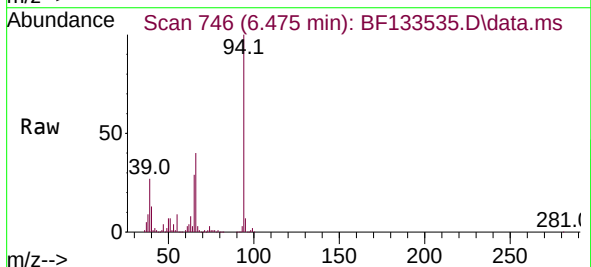
Manual Integrations
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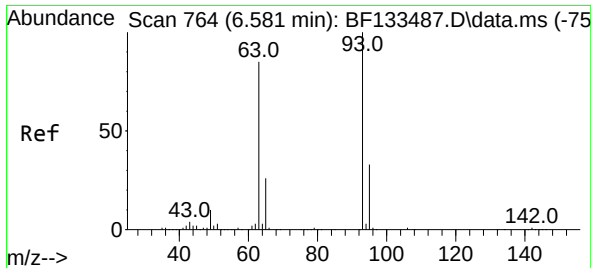
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#10
Phenol
Concen: 41.226 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

Tgt Ion: 94 Resp: 444139
Ion Ratio Lower Upper
94 100
65 29.4 9.1 49.1
66 40.5 18.9 58.9





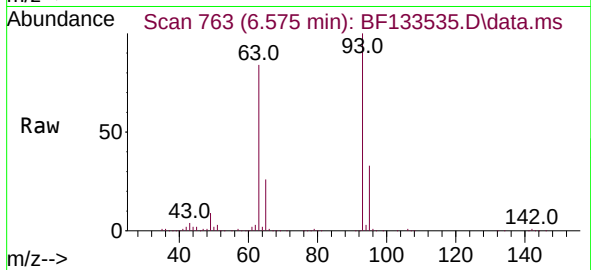
#11
bis(2-Chloroethyl)ether
Concen: 38.087 ng
RT: 6.575 min Scan# 701
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

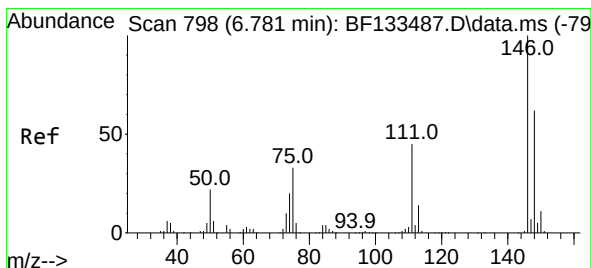
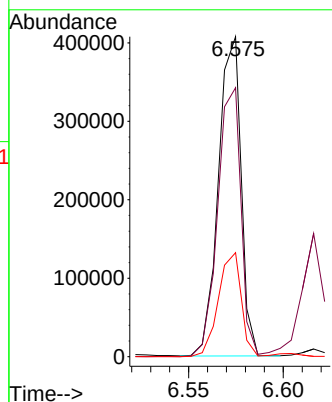
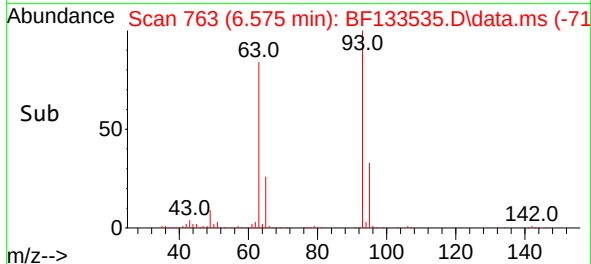


Tgt Ion: 93 Resp: 339248
Ion Ratio Lower Upper
93 100
63 84.1 64.5 104.5
95 32.5 13.3 53.3

Manual Integrations

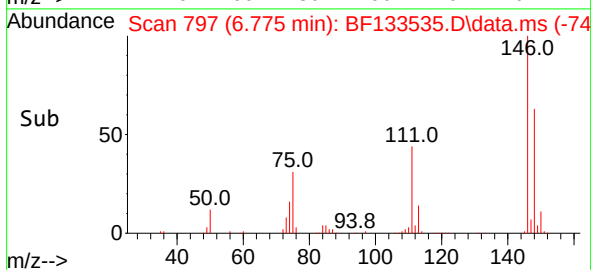
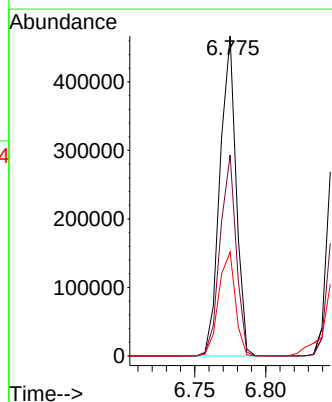
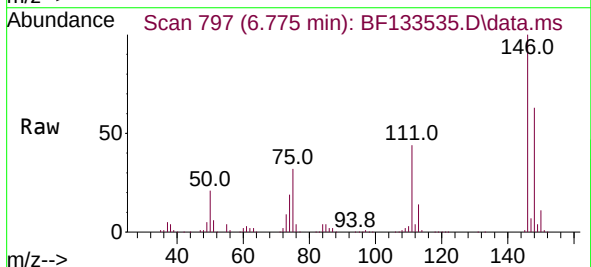
APPROVED

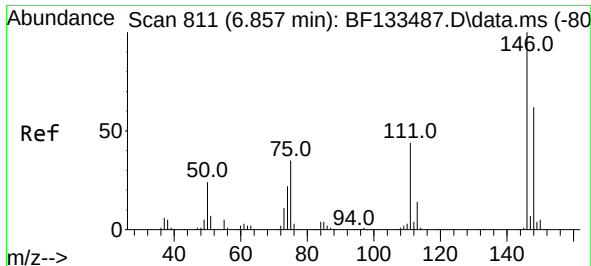
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#12
1,3-Dichlorobenzene
Concen: 38.683 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

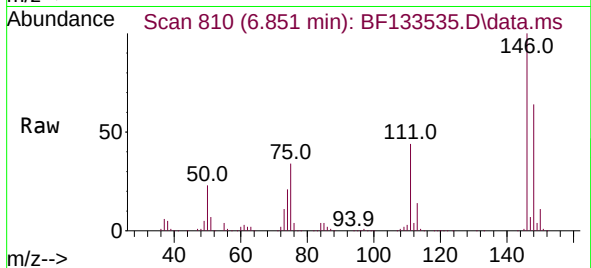
Tgt Ion:146 Resp: 369154
Ion Ratio Lower Upper
146 100
148 62.8 49.9 74.9
75 32.5 26.7 40.1





#13
1,4-Dichlorobenzene
Concen: 38.688 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

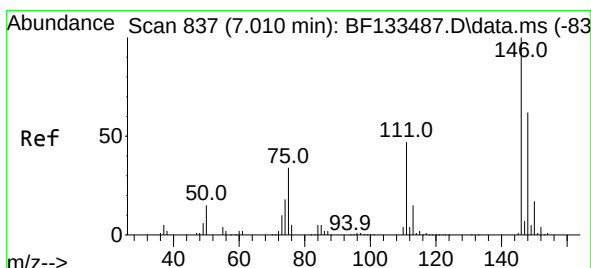
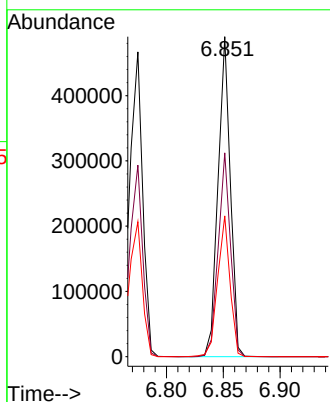
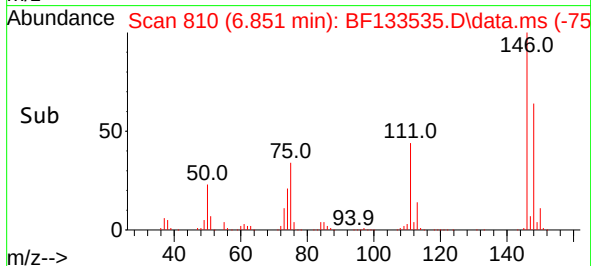
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



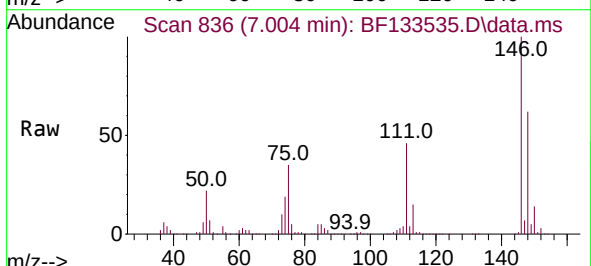
Tgt Ion:146 Resp: 370152
Ion Ratio Lower Upper
146 100
148 63.7 49.8 74.6
111 44.0 35.3 52.9

Manual Integrations
APPROVED

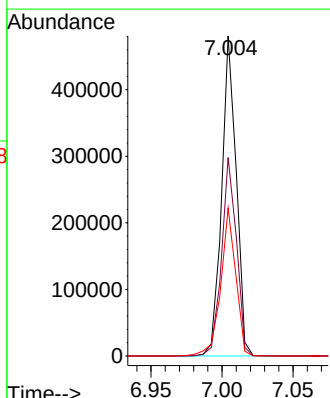
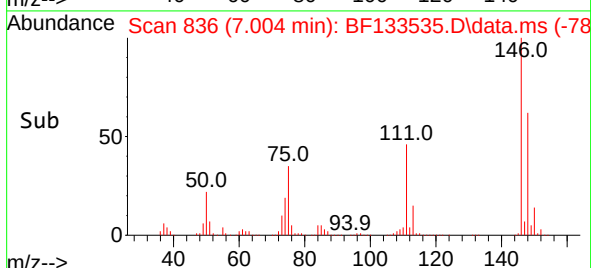
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

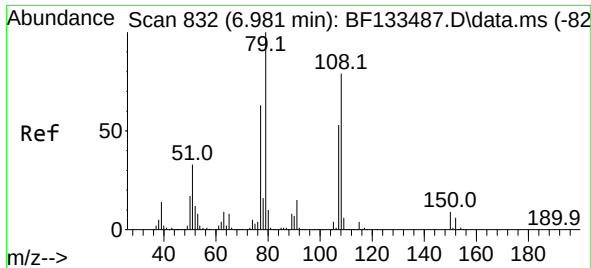


#14
1,2-Dichlorobenzene
Concen: 38.653 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51



Tgt Ion:146 Resp: 341268
Ion Ratio Lower Upper
146 100
148 62.0 49.8 74.6
111 46.2 37.4 56.2





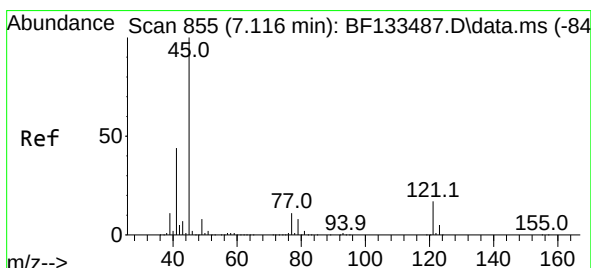
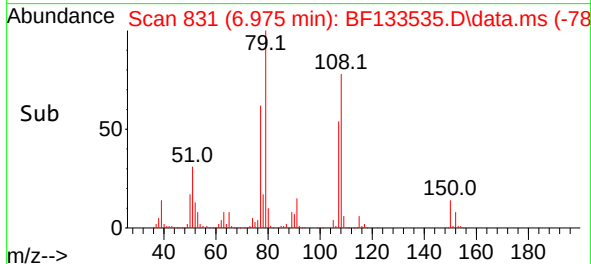
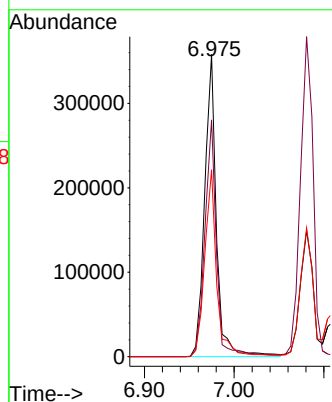
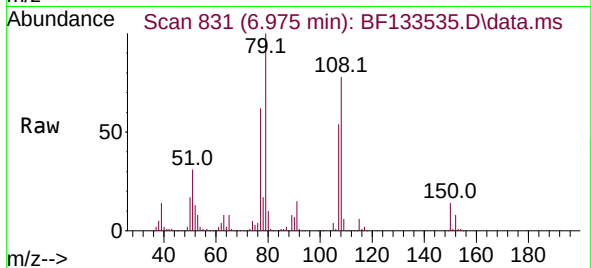
#15
Benzyl Alcohol
Concen: 39.965 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 325839
Ion Ratio Lower Upper
79 100
108 78.4 63.2 94.8
77 61.9 50.3 75.5

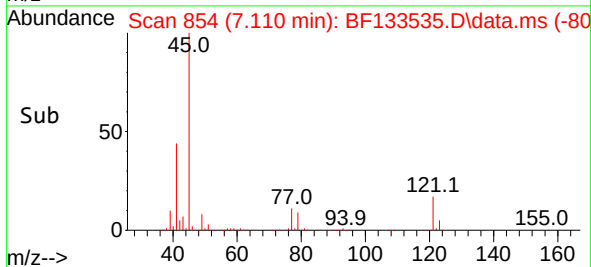
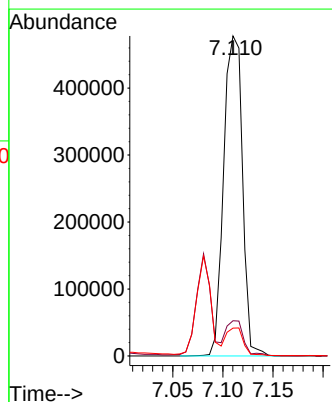
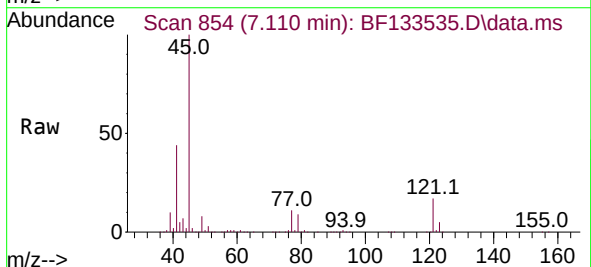
Manual Integrations
APPROVED

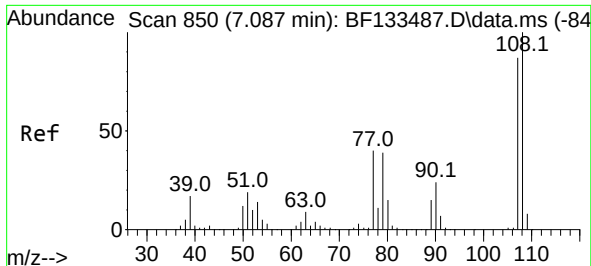
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.731 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

Tgt Ion: 45 Resp: 620521
Ion Ratio Lower Upper
45 100
77 11.0 0.0 30.8
79 8.7 0.0 28.2





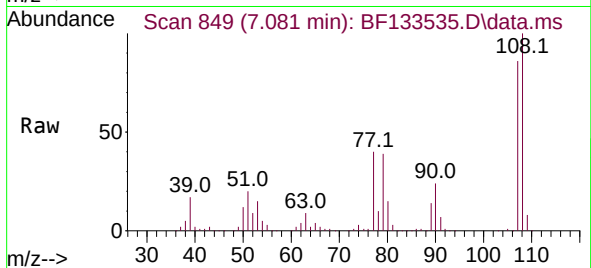
#17
2-Methylphenol
Concen: 38.845 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

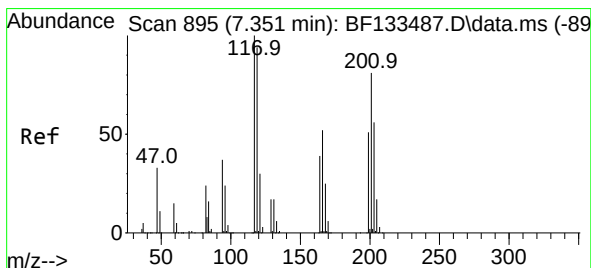
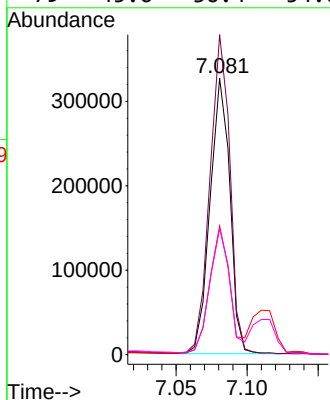
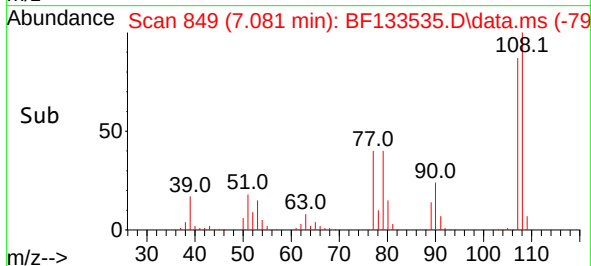


Tgt Ion:107 Resp: 316208
Ion Ratio Lower Upper
107 100
108 115.8 92.2 138.4
77 46.6 37.1 55.7
79 45.6 36.4 54.6

Manual Integrations

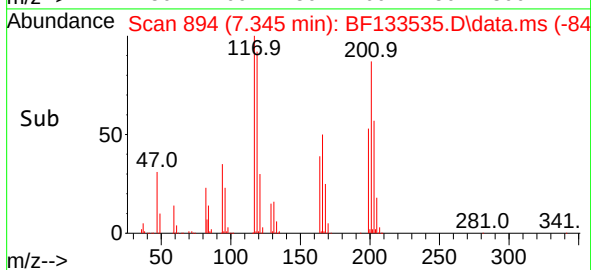
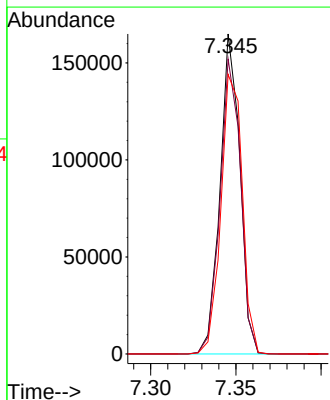
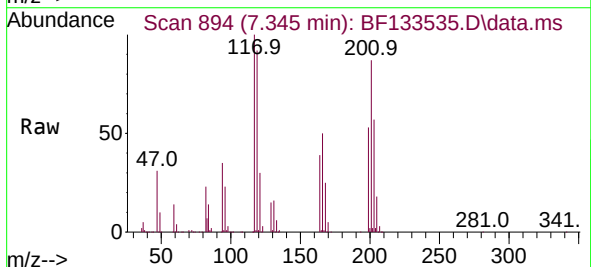
APPROVED

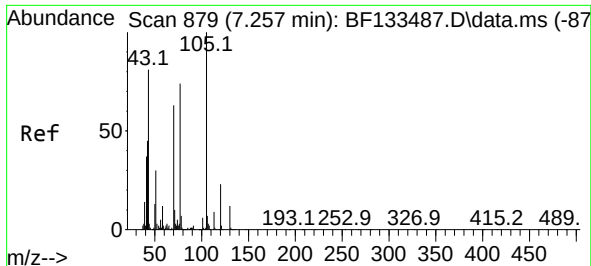
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#18
Hexachloroethane
Concen: 40.472 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

Tgt Ion:117 Resp: 133893
Ion Ratio Lower Upper
117 100
119 92.2 74.9 112.3
201 87.3 64.8 97.2





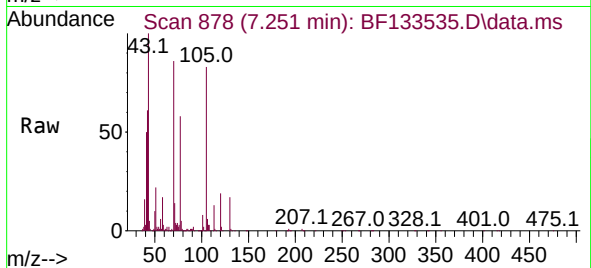
#19
n-Nitroso-di-n-propylamine
Concen: 36.088 ng
RT: 7.251 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

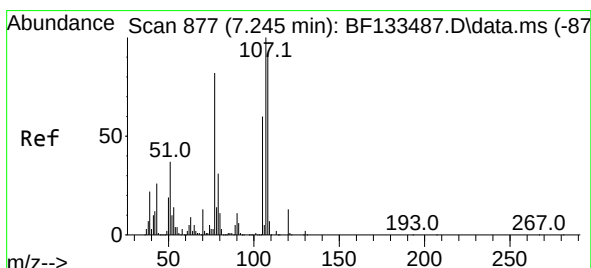
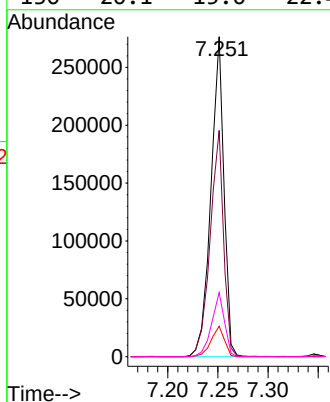
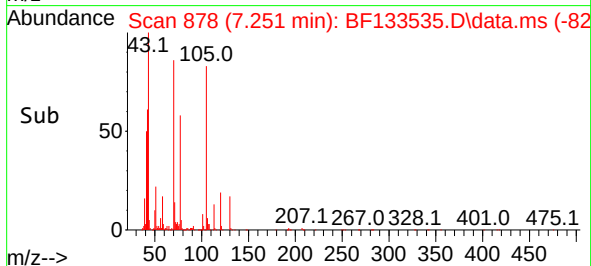


Tgt Ion: 70 Resp: 250750
Ion Ratio Lower Upper
70 100
42 70.7 57.2 85.8
101 9.5 7.3 10.9
130 20.1 15.0 22.4

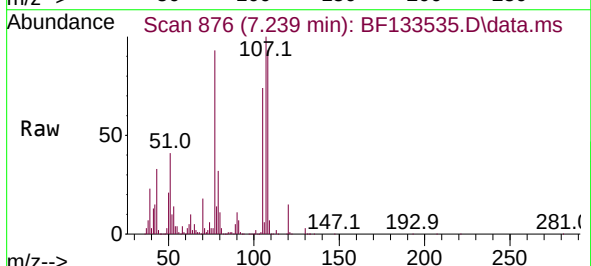
Manual Integrations

APPROVED

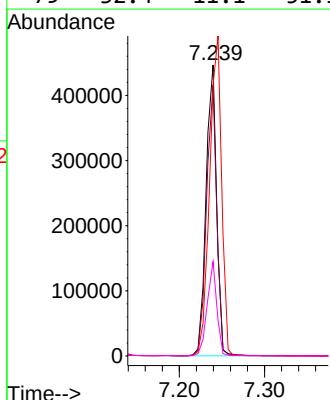
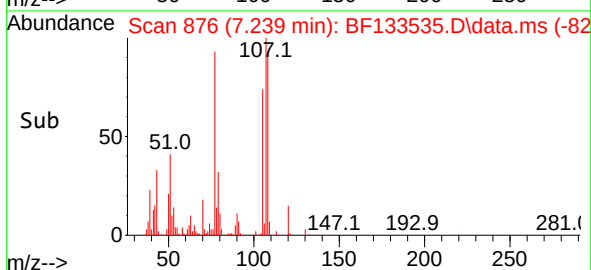
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

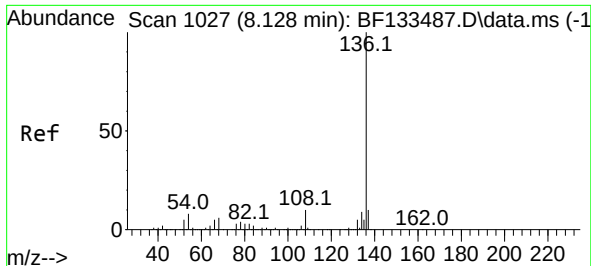


#20
3+4-Methylphenols
Concen: 41.542 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51



Tgt Ion:107 Resp: 382316
Ion Ratio Lower Upper
107 100
108 93.1 72.0 112.0
77 93.1 61.9 101.9
79 32.4 11.1 51.1





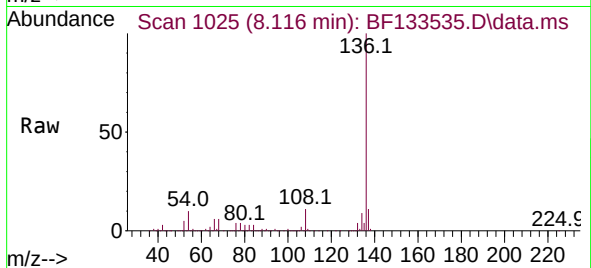
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

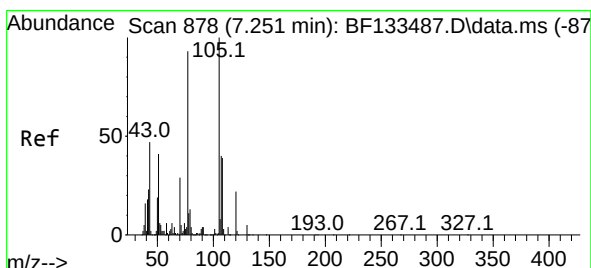
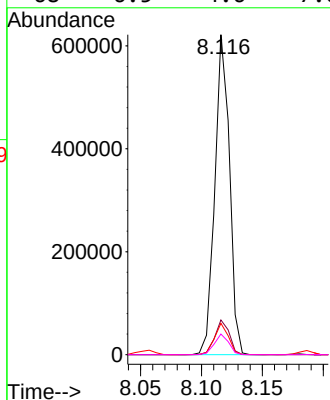
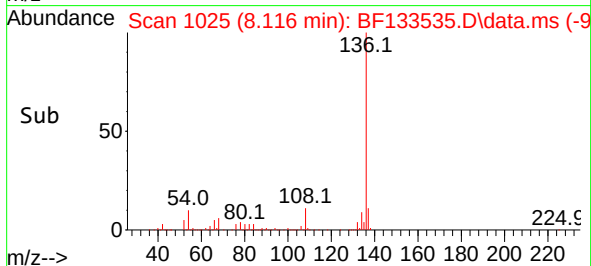


Tgt Ion:136 Resp: 519518
Ion Ratio Lower Upper
136 100
137 10.9 8.2 12.4
54 9.8 6.6 10.0
68 6.5 4.6 7.0

Manual Integrations

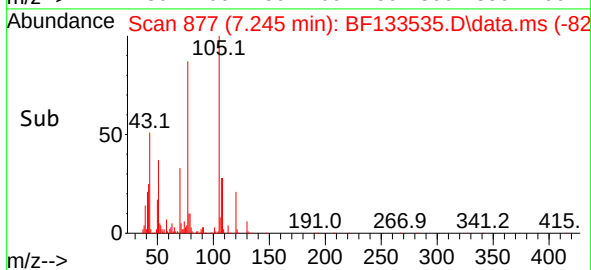
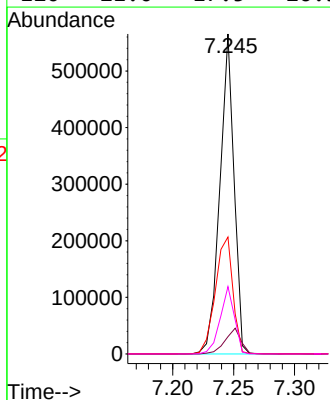
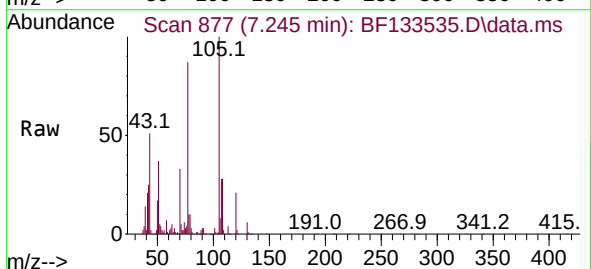
APPROVED

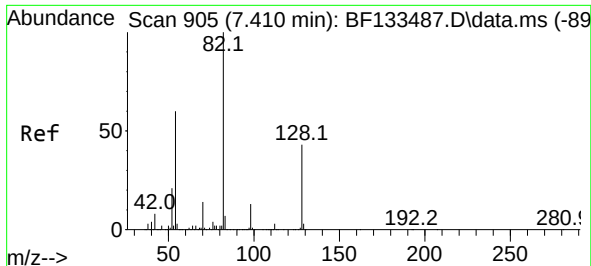
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#22
Acetophenone
Concen: 38.463 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

Tgt Ion:105 Resp: 460165
Ion Ratio Lower Upper
105 100
71 5.4 3.8 5.8
51 36.6 32.6 49.0
120 21.0 17.5 26.3





#23

Nitrobenzene-d5

Concen: 98.949 ng

RT: 7.398 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF133535.D

Acq: 31 May 2023 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 76990

Ion Ratio Lower Upper

82 100

128 42.3 34.2 51.4

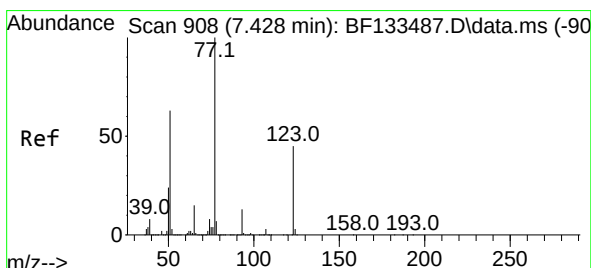
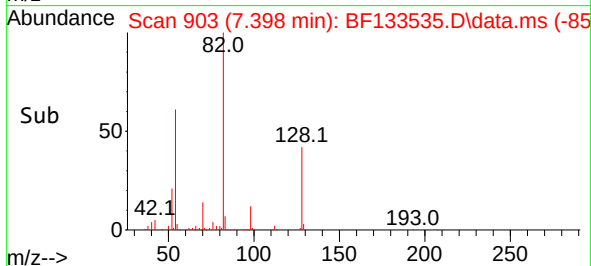
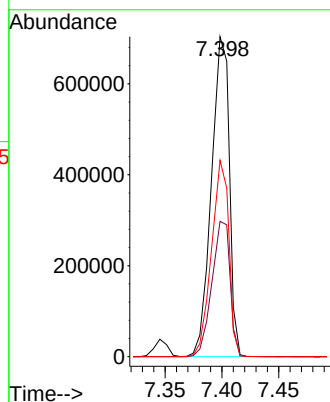
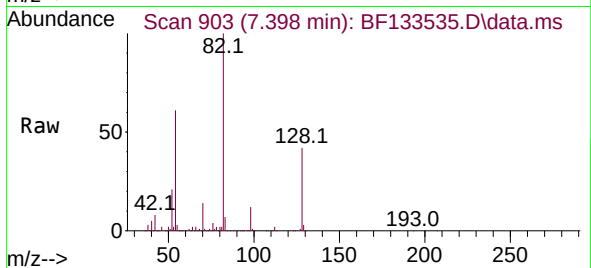
54 61.4 48.2 72.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/01/2023

Supervised By :mohammad ahmed 06/01/2023



#24

Nitrobenzene

Concen: 47.496 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.000 min

Lab File: BF133535.D

Acq: 31 May 2023 11:51

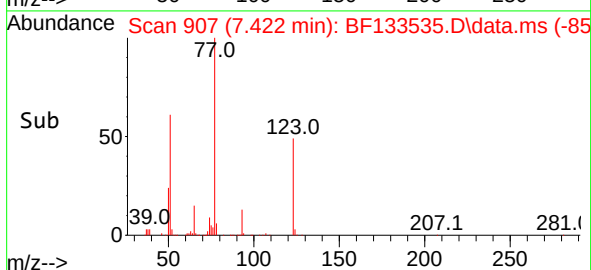
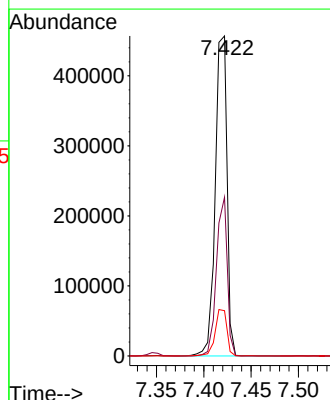
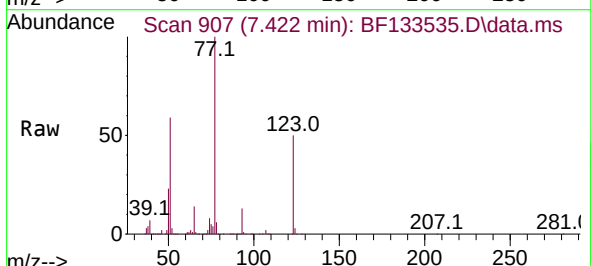
Tgt Ion: 77 Resp: 393771

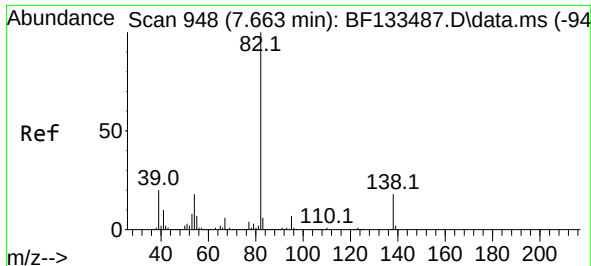
Ion Ratio Lower Upper

77 100

123 49.6 35.8 53.8

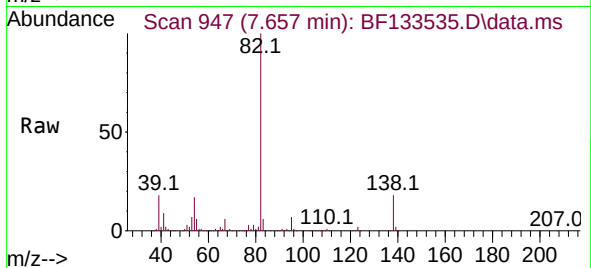
65 14.2 11.8 17.8





#25
Isophorone
Concen: 38.127 ng
RT: 7.657 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

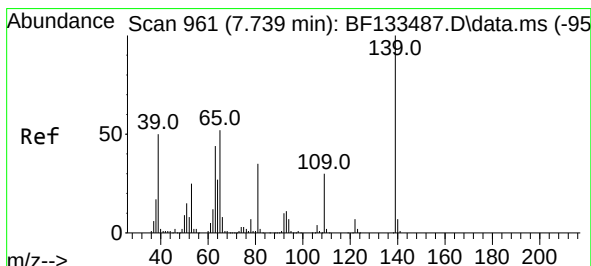
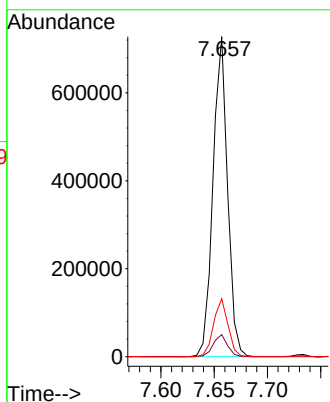
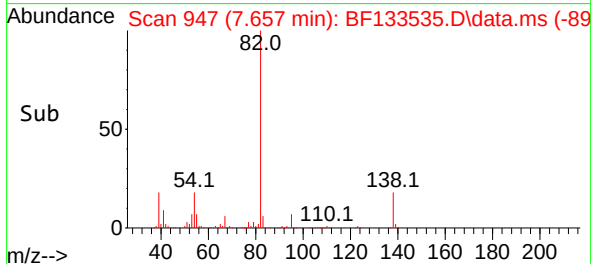
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 69138
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 18.1 14.2 21.4

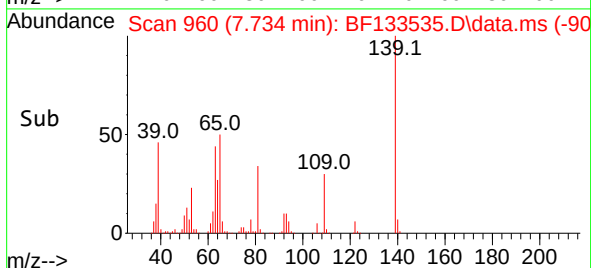
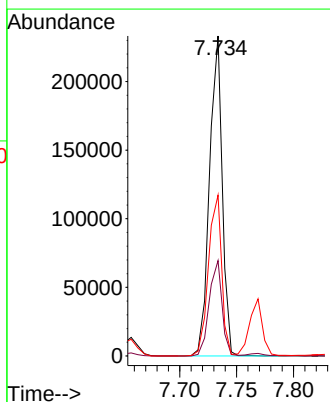
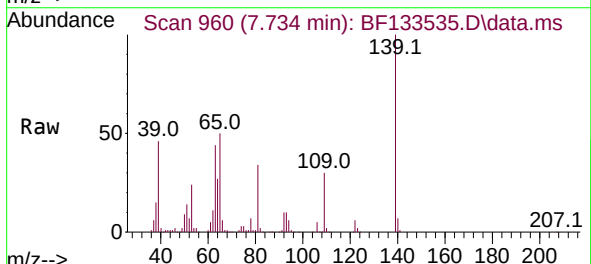
Manual Integrations
APPROVED

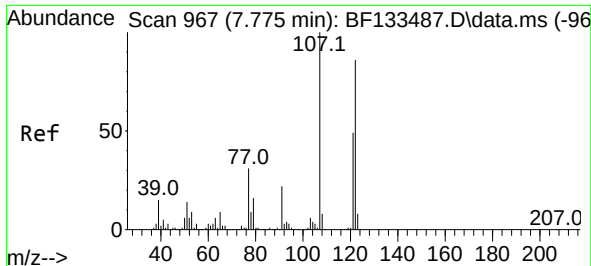
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#26
2-Nitrophenol
Concen: 47.733 ng
RT: 7.734 min Scan# 960
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

Tgt Ion:139 Resp: 181228
Ion Ratio Lower Upper
139 100
109 29.8 24.0 36.0
65 50.3 41.7 62.5





#27

2,4-Dimethylphenol

Concen: 39.013 ng

RT: 7.769 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF133535.D

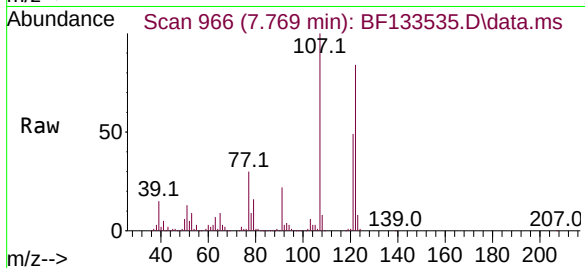
Acq: 31 May 2023 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



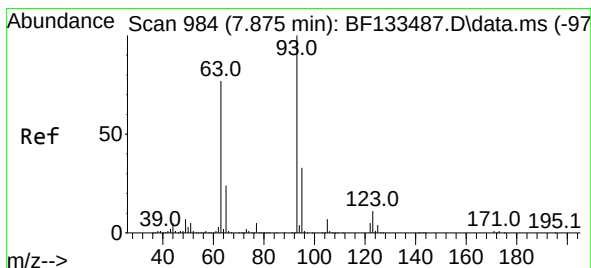
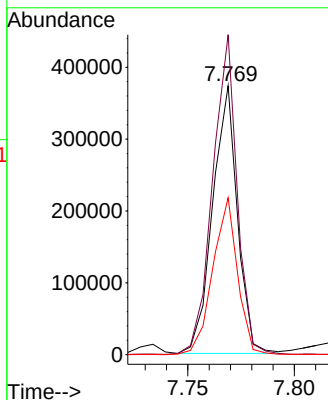
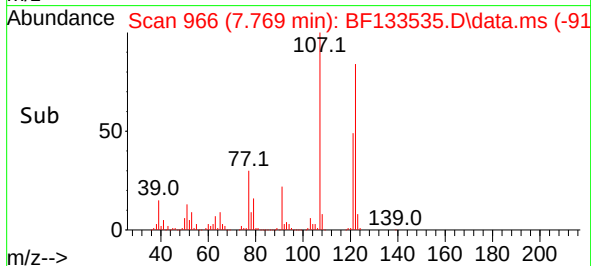
Tgt Ion	Ratio	Lower	Upper
122	100		
107	119.0	93.4	140.0
121	58.4	45.6	68.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/01/2023

Supervised By :mohammad ahmed 06/01/2023



#28

bis(2-Chloroethoxy)methane

Concen: 37.525 ng

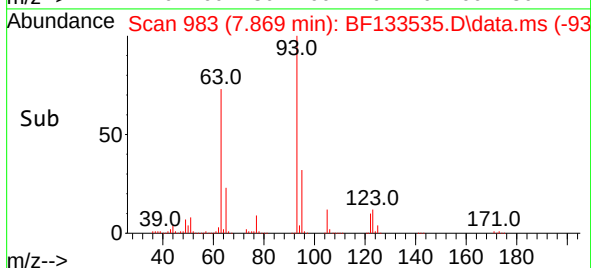
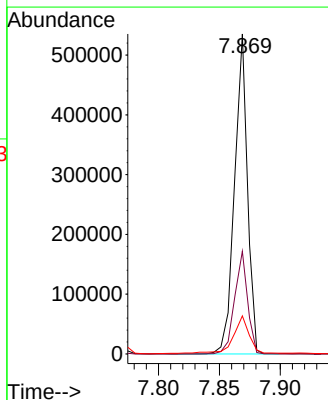
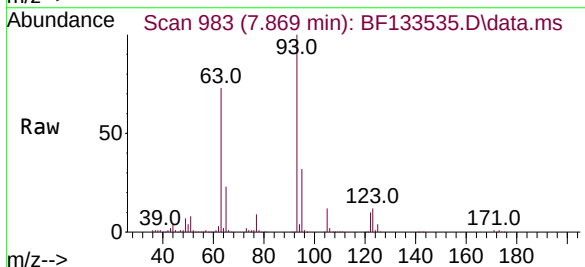
RT: 7.869 min Scan# 983

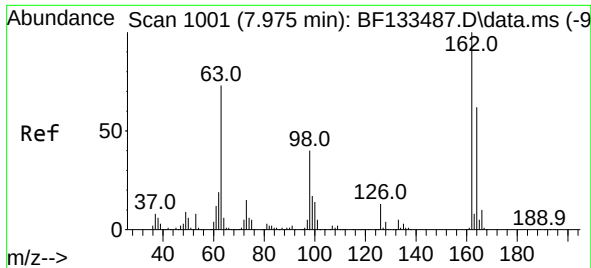
Delta R.T. -0.000 min

Lab File: BF133535.D

Acq: 31 May 2023 11:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.8	40.2
123	11.9	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 41.543 ng

RT: 7.969 min Scan# 1000

Delta R.T. -0.006 min

Lab File: BF133535.D

Acq: 31 May 2023 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

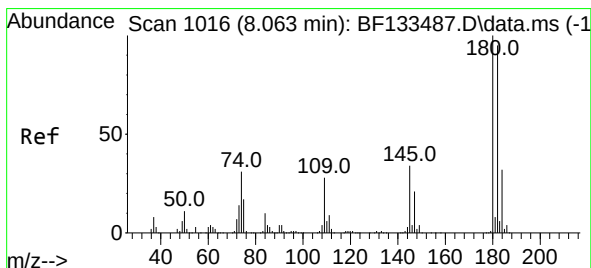
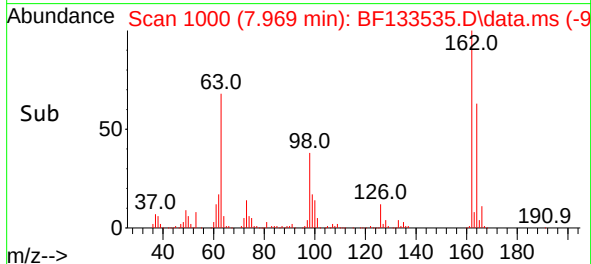
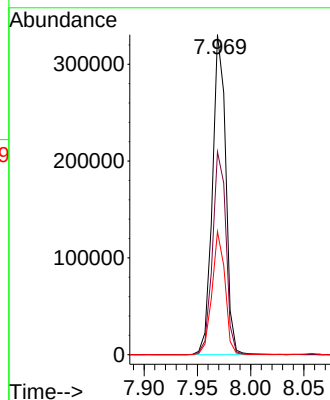
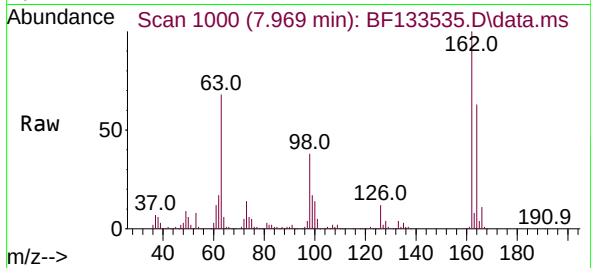
Tgt Ion:162	Resp: 28838
Ion Ratio	Lower Upper
162 100	
164 63.4	42.2 82.2
98 38.4	19.7 59.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/01/2023

Supervised By :mohammad ahmed 06/01/2023



#30

1,2,4-Trichlorobenzene

Concen: 39.308 ng

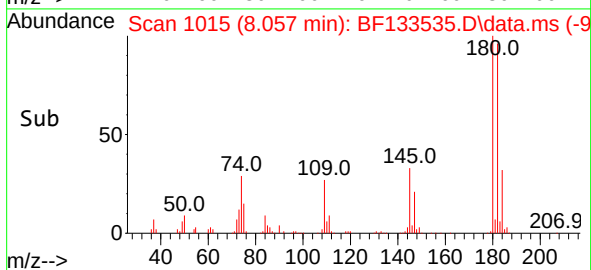
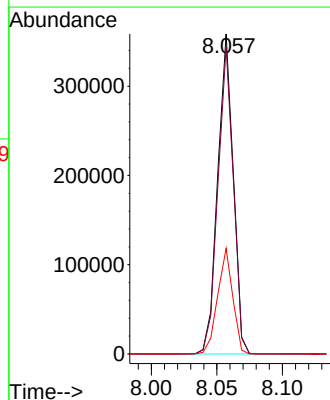
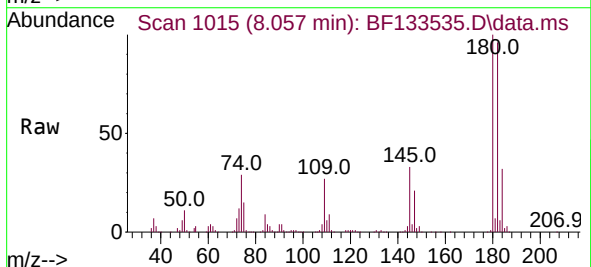
RT: 8.057 min Scan# 1015

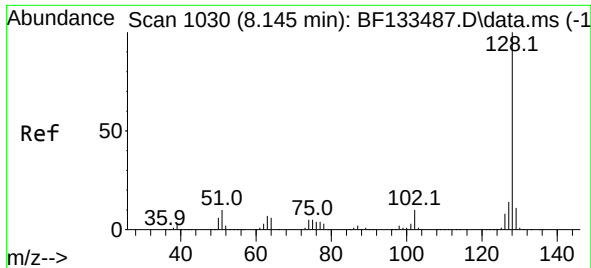
Delta R.T. -0.000 min

Lab File: BF133535.D

Acq: 31 May 2023 11:51

Tgt Ion:180	Resp: 295144
Ion Ratio	Lower Upper
180 100	
182 96.0	76.1 114.1
145 33.0	27.0 40.4





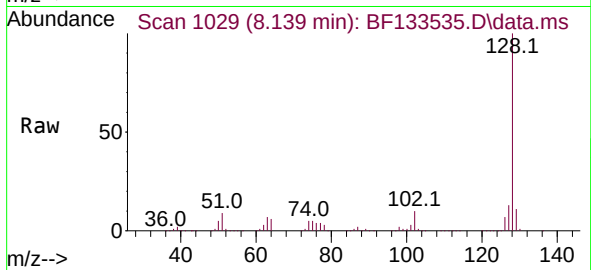
#31
Naphthalene
Concen: 39.434 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

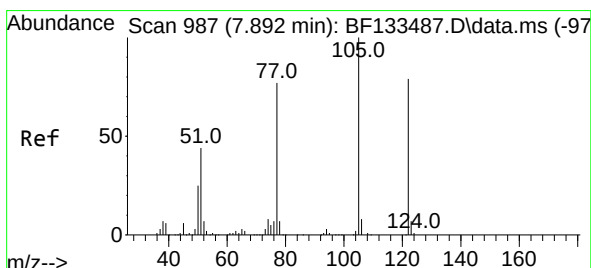
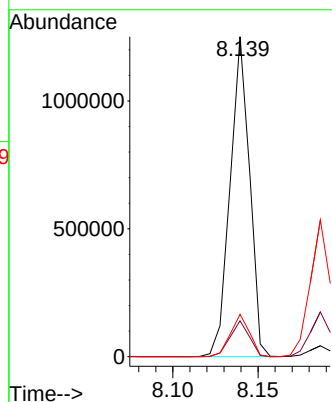
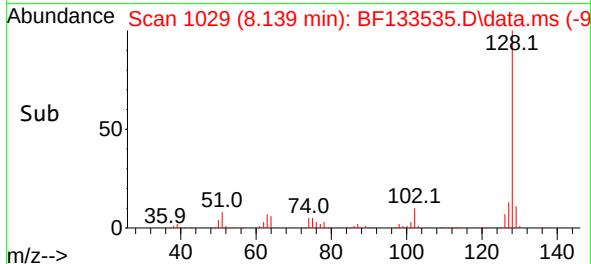


Tgt Ion:128 Resp: 993219
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.3 10.9 16.3

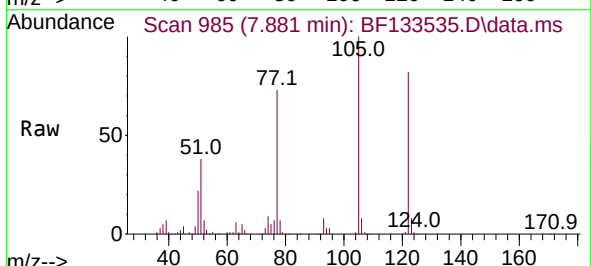
Manual Integrations

APPROVED

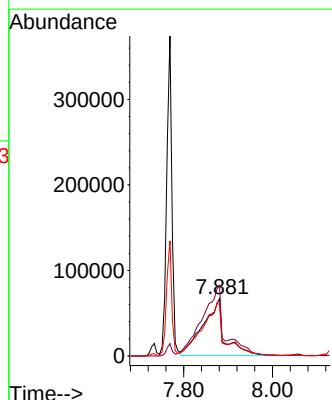
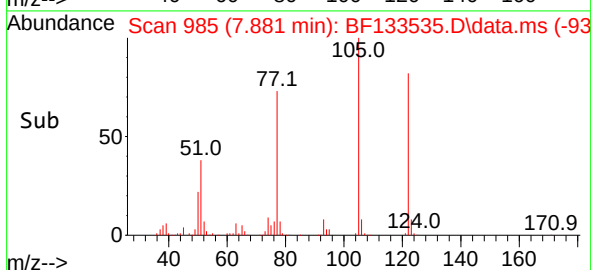
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

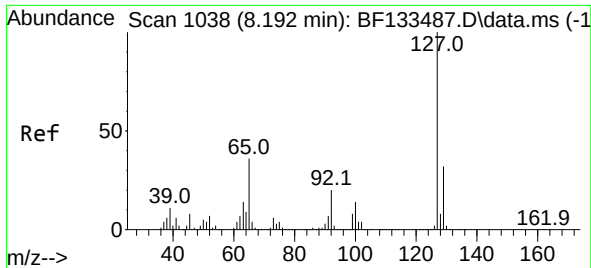


#32
Benzoic acid
Concen: 44.895 ng m
RT: 7.881 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51



Tgt Ion:122 Resp: 225322
Ion Ratio Lower Upper
122 100
105 122.6 103.3 143.3
77 89.0 75.7 115.7





#33
4-Chloroaniline
Concen: 39.886 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

Instrument :

BNA_F

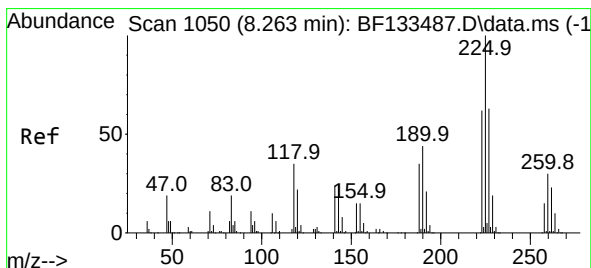
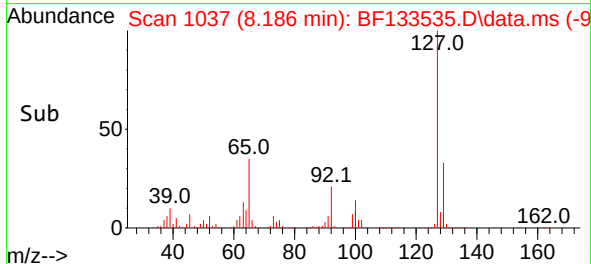
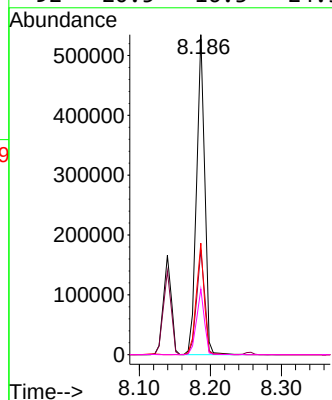
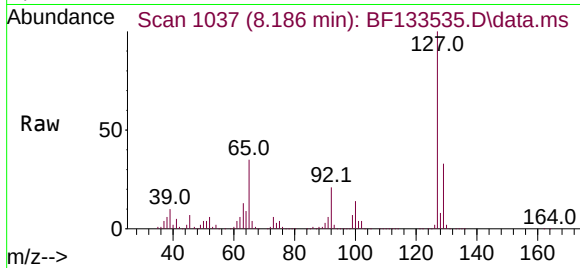
ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 43056
Ion Ratio Lower Upper
127 100
129 32.7 25.9 38.9
65 34.8 29.0 43.6
92 20.5 16.3 24.5

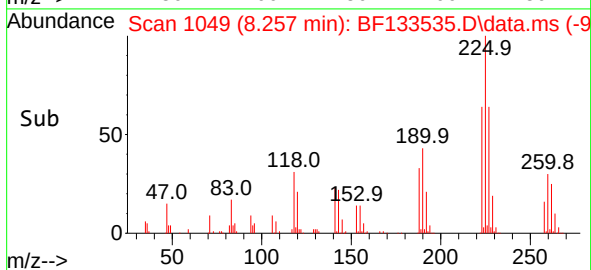
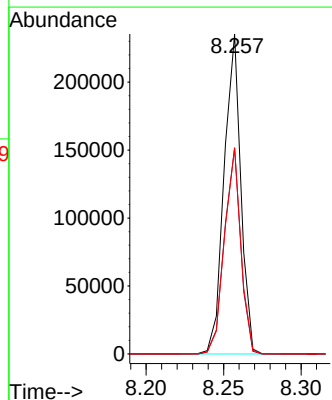
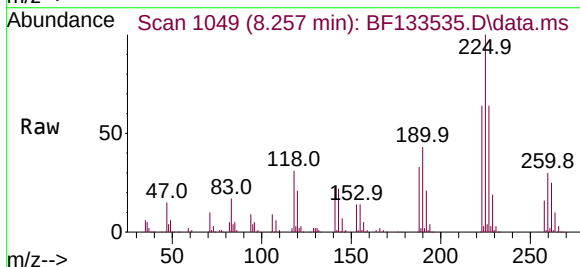
Manual Integrations
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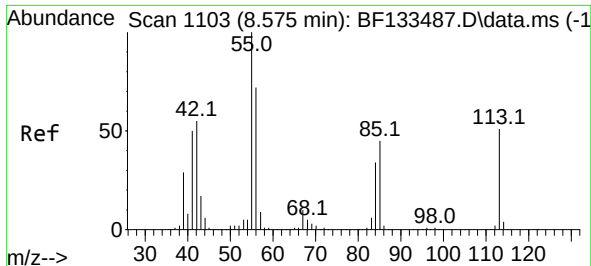
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#34
Hexachlorobutadiene
Concen: 38.578 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

Tgt Ion:225 Resp: 176197
Ion Ratio Lower Upper
225 100
223 64.4 49.8 74.8
227 64.5 50.2 75.4





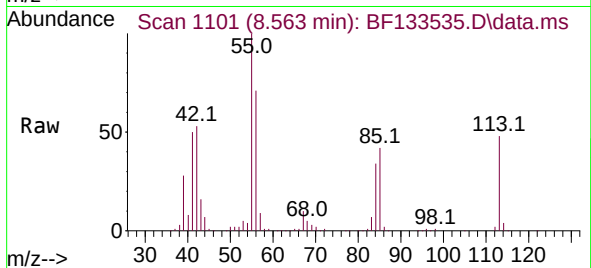
#35
Caprolactam
Concen: 43.137 ng
RT: 8.563 min Scan# 1101
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

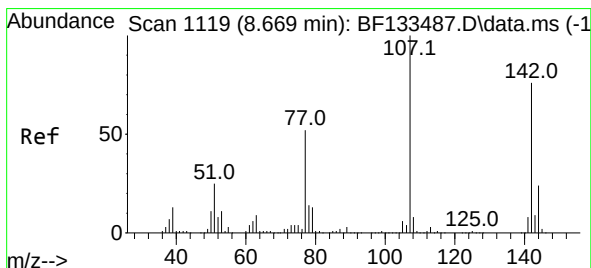
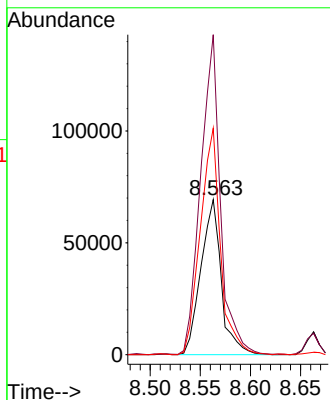
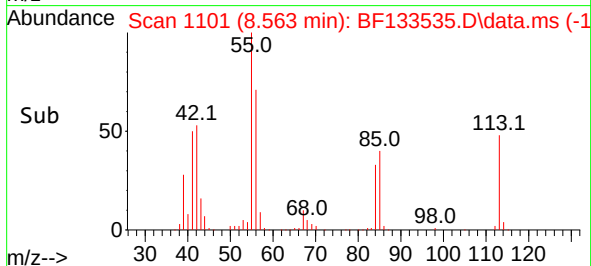


Tgt Ion:113 Resp: 98200
Ion Ratio Lower Upper
113 100
55 206.4 177.5 217.5
56 146.1 122.3 162.3

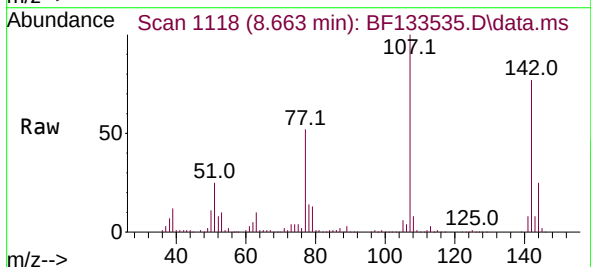
Manual Integrations

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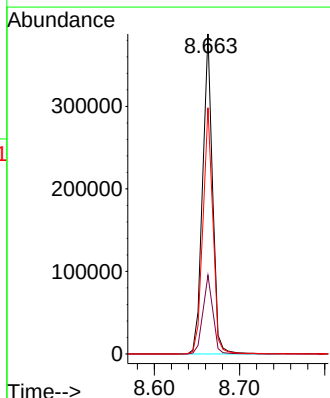
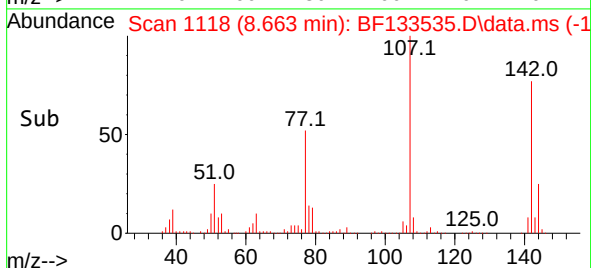
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

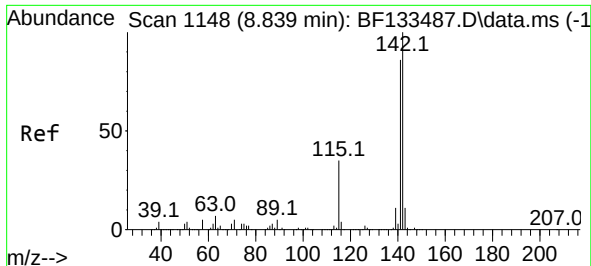


#36
4-Chloro-3-methylphenol
Concen: 40.429 ng
RT: 8.663 min Scan# 1118
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51



Tgt Ion:107 Resp: 314378
Ion Ratio Lower Upper
107 100
144 24.6 19.4 29.0
142 77.0 60.5 90.7





#37

2-Methylnaphthalene

Concen: 38.707 ng

RT: 8.828 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF133535.D

Acq: 31 May 2023 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 66564

Ion Ratio Lower Upper

142 100

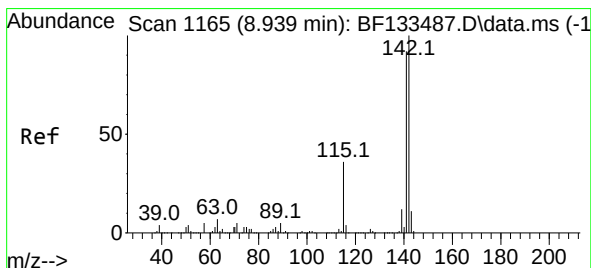
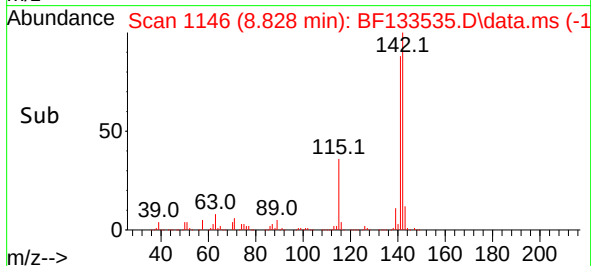
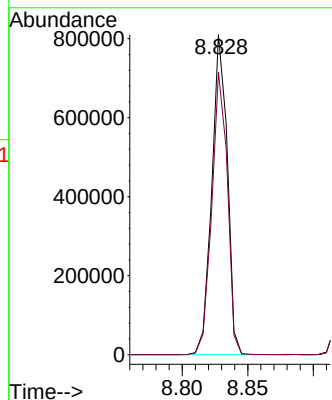
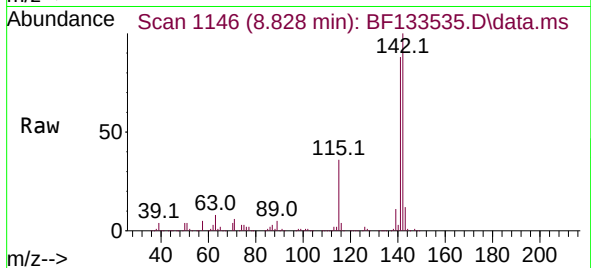
141 88.3 69.2 103.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/01/2023

Supervised By :mohammad ahmed 06/01/2023



#38

1-Methylnaphthalene

Concen: 39.104 ng

RT: 8.928 min Scan# 1163

Delta R.T. -0.000 min

Lab File: BF133535.D

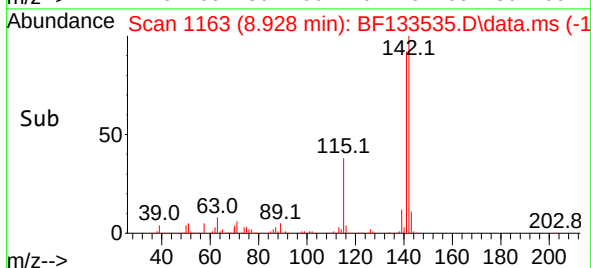
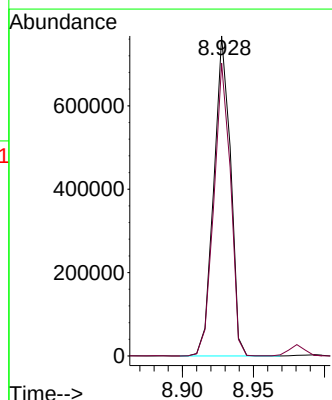
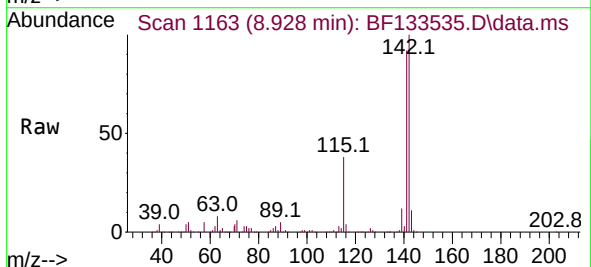
Acq: 31 May 2023 11:51

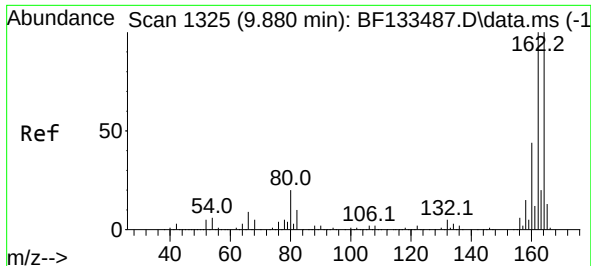
Tgt Ion:142 Resp: 626856

Ion Ratio Lower Upper

142 100

141 91.5 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1174

Delta R.T. -0.000 min

Lab File: BF133535.D

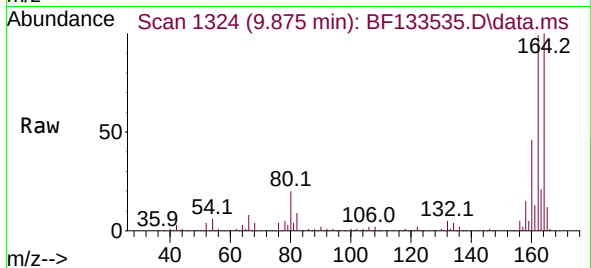
Acq: 31 May 2023 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 252252

Ion Ratio Lower Upper

164 100

162 99.4 79.7 119.5

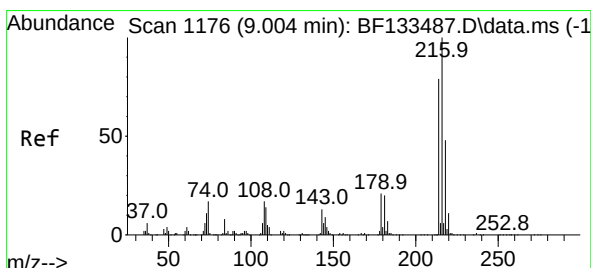
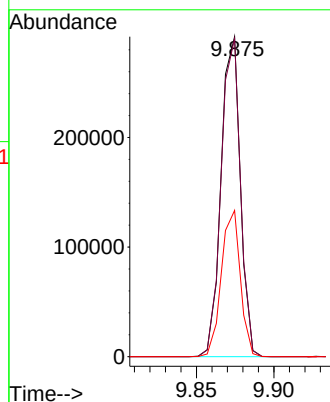
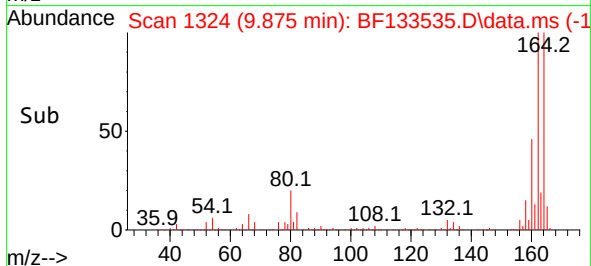
160 45.7 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/01/2023

Supervised By :mohammad ahmed 06/01/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.162 ng

RT: 8.992 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BF133535.D

Acq: 31 May 2023 11:51

Tgt Ion:216 Resp: 285318

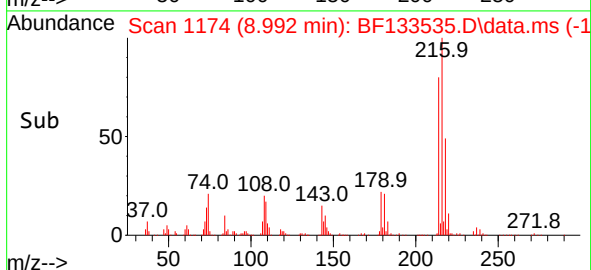
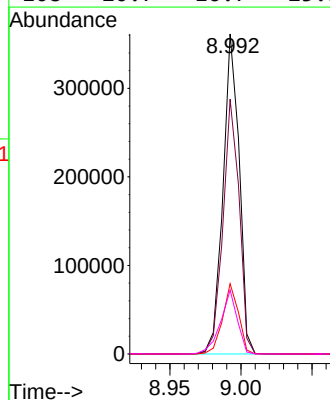
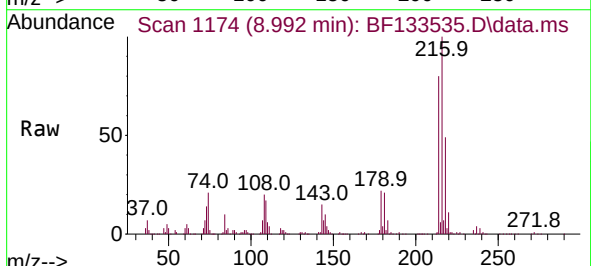
Ion Ratio Lower Upper

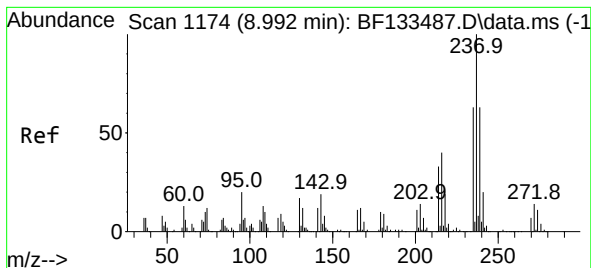
216 100

214 79.5 63.2 94.8

179 21.5 17.3 25.9

108 20.7 16.7 25.1





#41

Hexachlorocyclopentadiene

Concen: 40.172 ng

RT: 8.981 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF133535.D

Acq: 31 May 2023 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:237 Resp: 153914

Ion Ratio Lower Upper

237 100

235 61.9 43.0 83.0

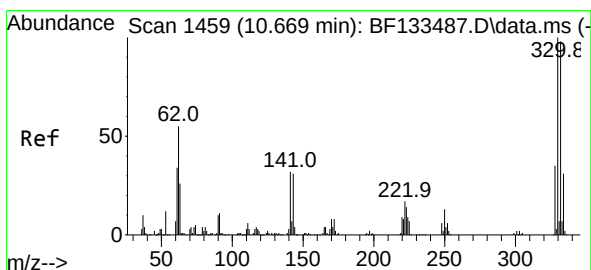
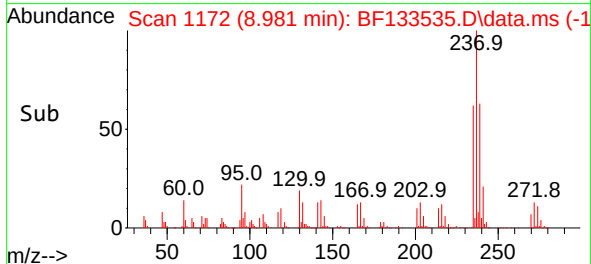
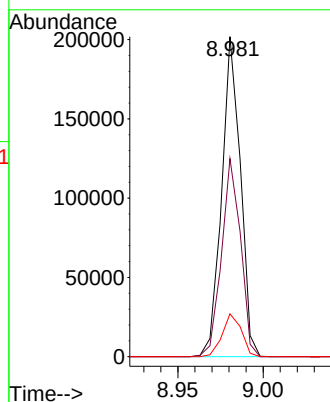
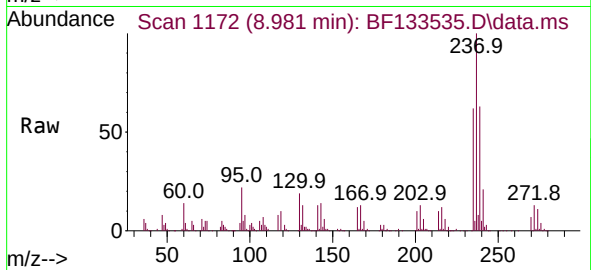
272 13.4 0.0 33.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/01/2023

Supervised By :mohammad ahmed 06/01/2023



#42

2,4,6-Tribromophenol

Concen: 88.638 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.000 min

Lab File: BF133535.D

Acq: 31 May 2023 11:51

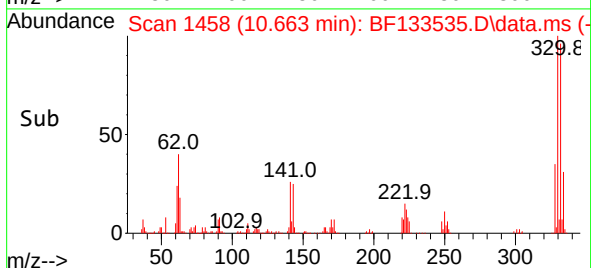
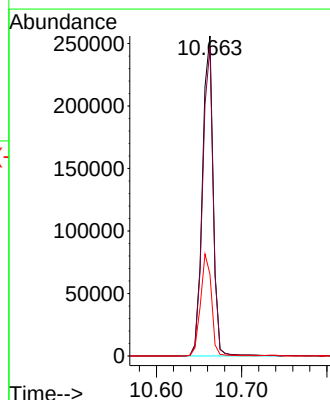
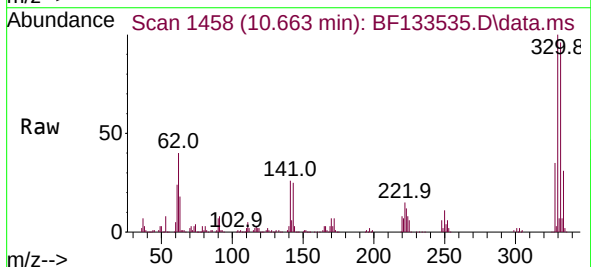
Tgt Ion:330 Resp: 222878

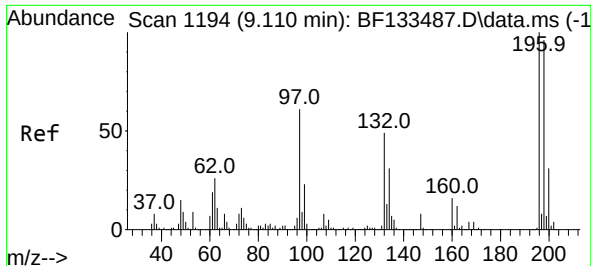
Ion Ratio Lower Upper

330 100

332 95.3 77.8 116.6

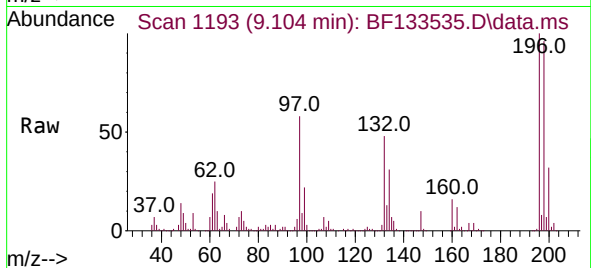
141 32.5 26.6 40.0





#43
2,4,6-Trichlorophenol
Concen: 41.058 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

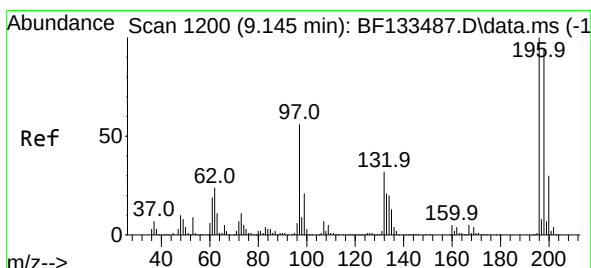
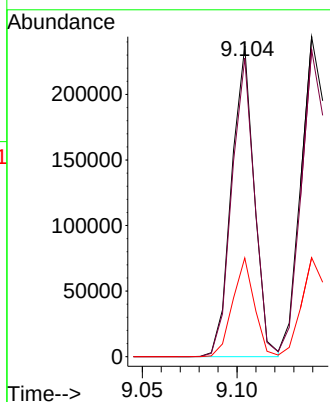
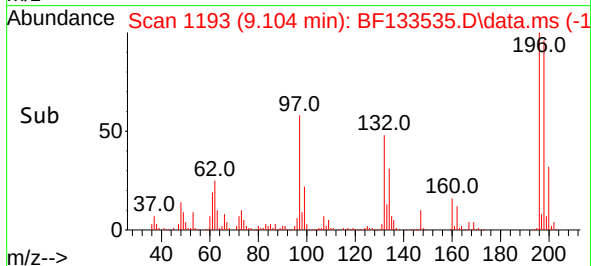
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



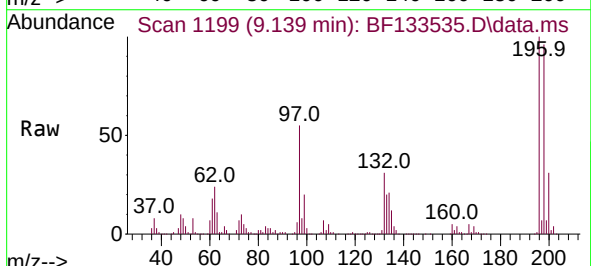
Tgt Ion:196 Resp: 19642
Ion Ratio Lower Upper
196 100
198 96.1 76.6 115.0
200 31.8 24.6 37.0

Manual Integrations
APPROVED

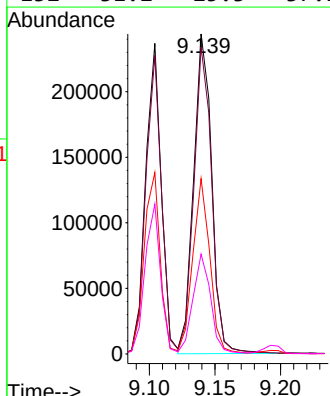
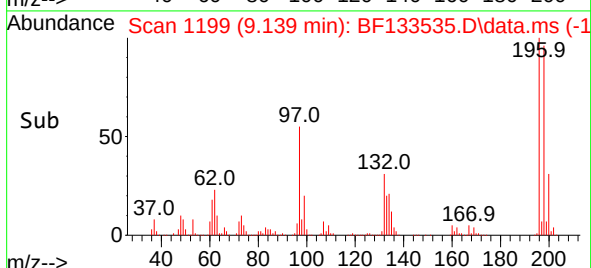
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

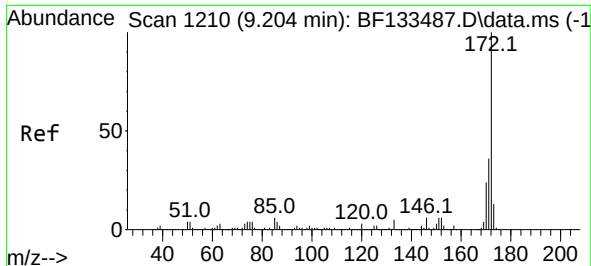


#44
2,4,5-Trichlorophenol
Concen: 42.343 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51



Tgt Ion:196 Resp: 235126
Ion Ratio Lower Upper
196 100
198 96.0 75.3 112.9
97 54.8 44.9 67.3
132 31.2 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 78.541 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF133535.D

Acq: 31 May 2023 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 1283640

Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

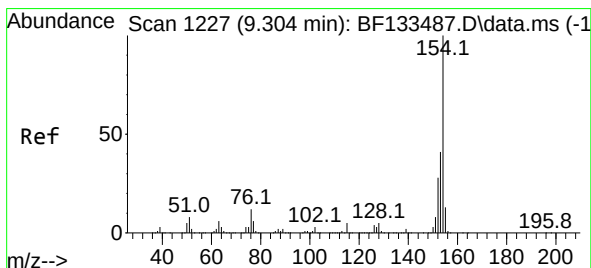
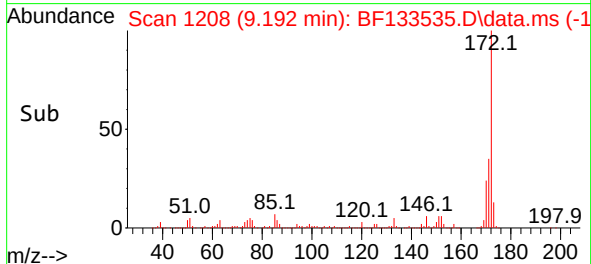
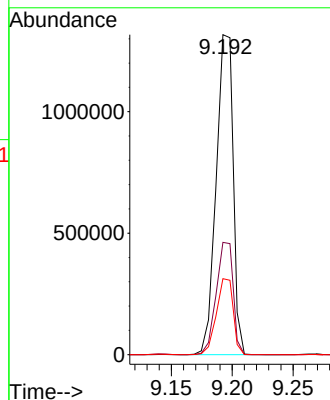
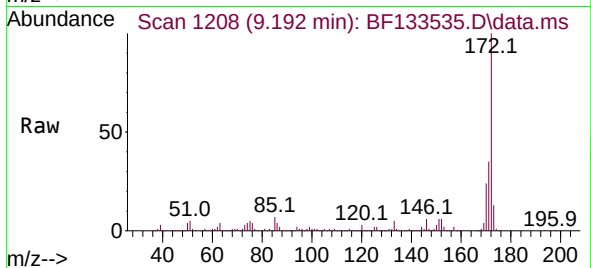
170 23.8 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/01/2023

Supervised By :mohammad ahmed 06/01/2023



#46

1,1'-Biphenyl

Concen: 38.258 ng

RT: 9.292 min Scan# 1225

Delta R.T. -0.006 min

Lab File: BF133535.D

Acq: 31 May 2023 11:51

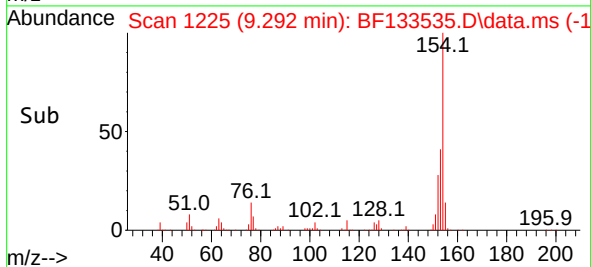
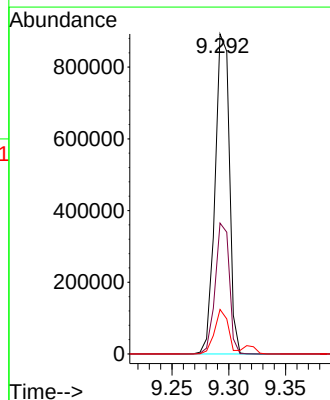
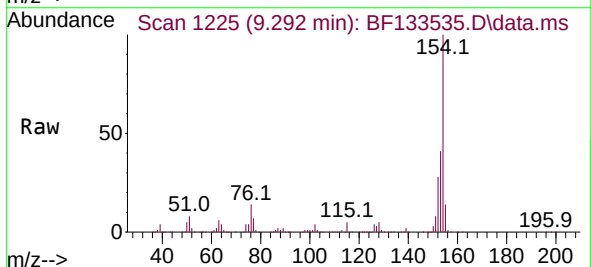
Tgt Ion:154 Resp: 784071

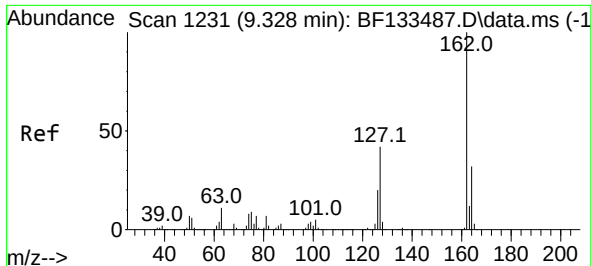
Ion Ratio Lower Upper

154 100

153 40.9 21.0 61.0

76 13.9 0.0 32.5





#47

2-Chloronaphthalene

Concen: 38.770 ng

RT: 9.322 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133535.D

Acq: 31 May 2023 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

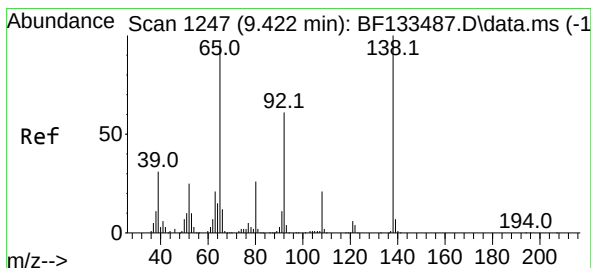
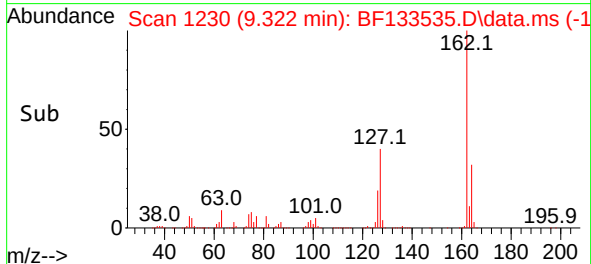
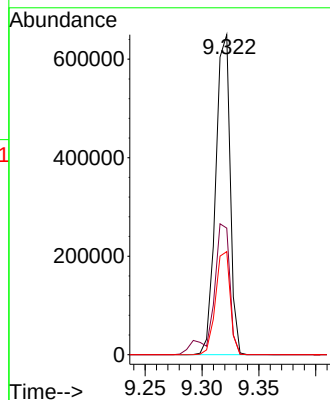
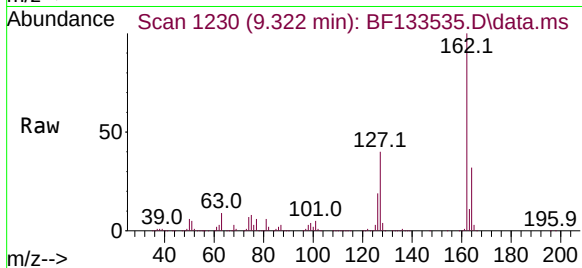
Tgt Ion:162 Resp: 575854
 Ion Ratio Lower Upper
 162 100
 127 39.6 33.2 49.8
 164 32.2 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/01/2023

Supervised By :mohammad ahmed 06/01/2023



#48

2-Nitroaniline

Concen: 45.284 ng

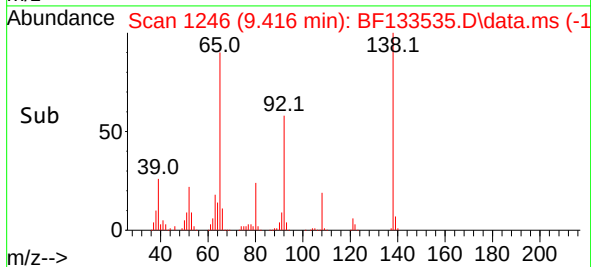
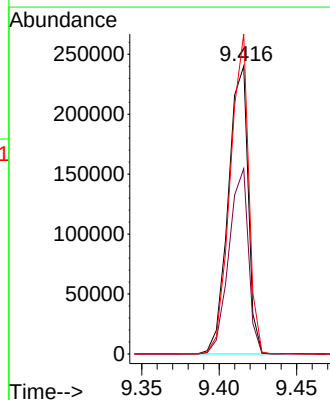
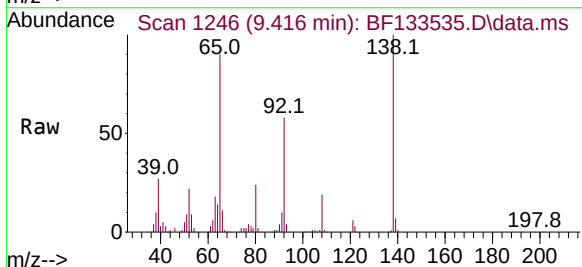
RT: 9.416 min Scan# 1246

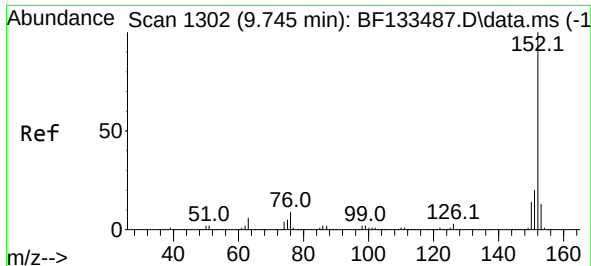
Delta R.T. -0.000 min

Lab File: BF133535.D

Acq: 31 May 2023 11:51

Tgt Ion: 65 Resp: 214771
 Ion Ratio Lower Upper
 65 100
 92 64.4 50.8 76.2
 138 111.2 82.6 124.0





#49

Acenaphthylene

Concen: 39.184 ng

RT: 9.733 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133535.D

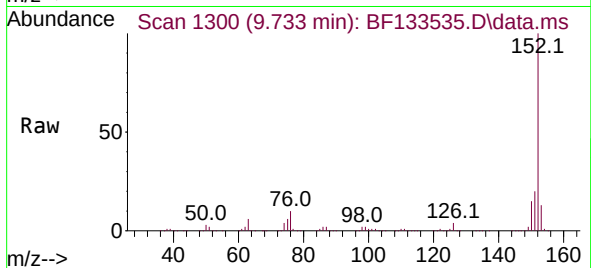
Acq: 31 May 2023 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:152 Resp: 993194

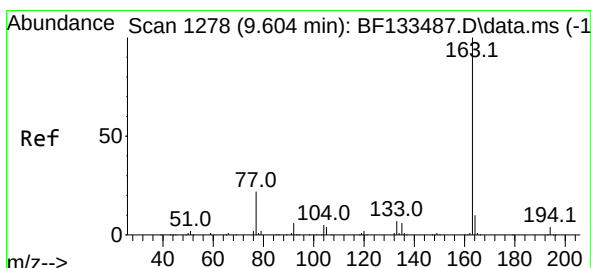
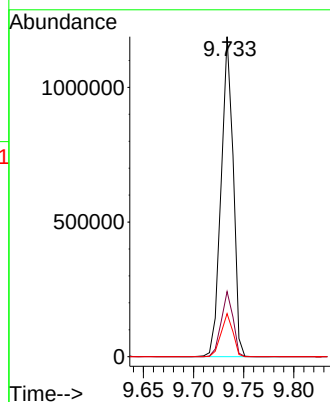
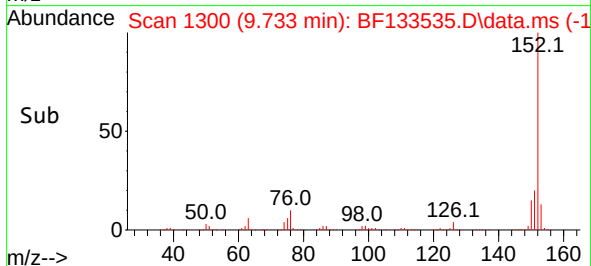
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.0	24.0
153	13.5	10.4	15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/01/2023

Supervised By :mohammad ahmed 06/01/2023



#50

Dimethylphthalate

Concen: 38.794 ng

RT: 9.598 min Scan# 1277

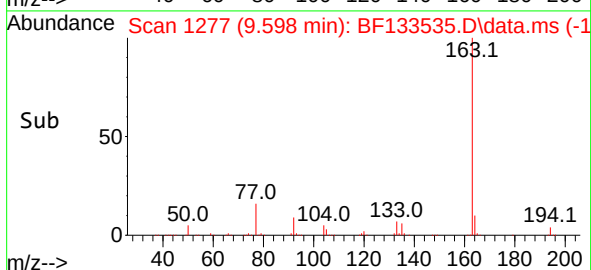
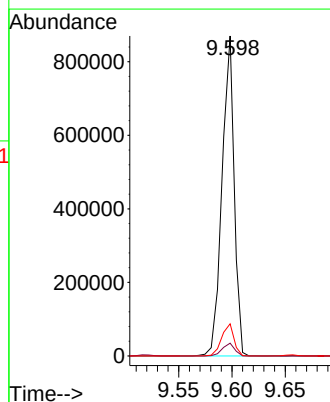
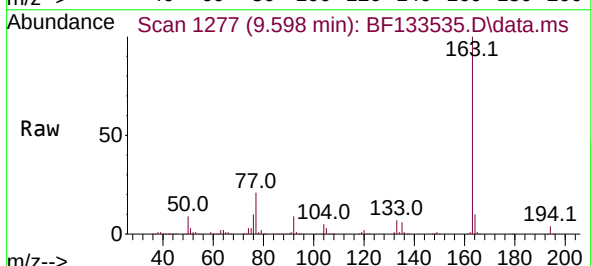
Delta R.T. -0.000 min

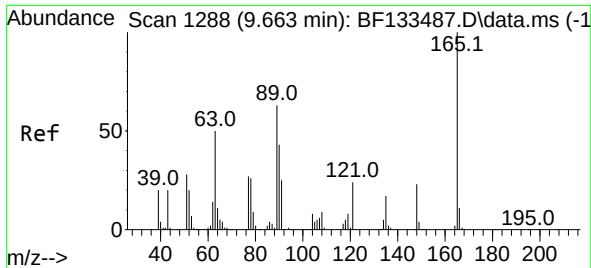
Lab File: BF133535.D

Acq: 31 May 2023 11:51

Tgt Ion:163 Resp: 687778

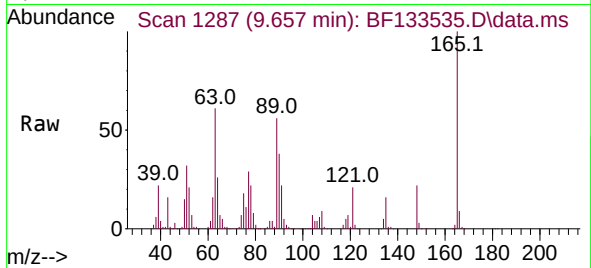
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.0	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 45.929 ng
RT: 9.657 min Scan# 1287
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

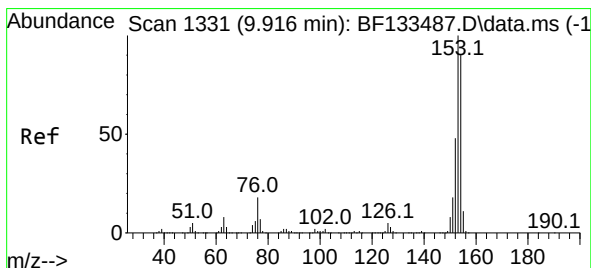
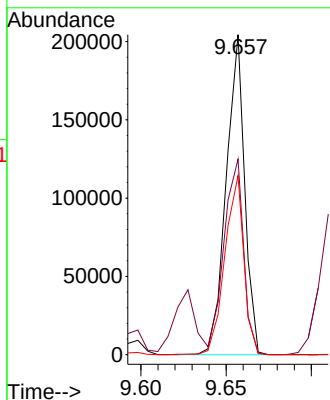
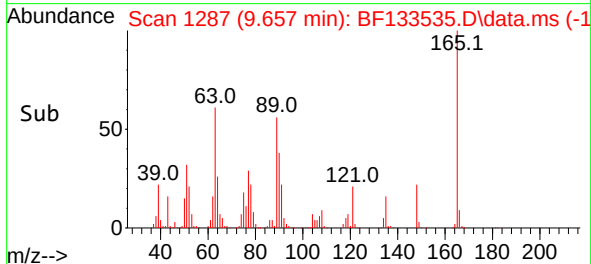
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



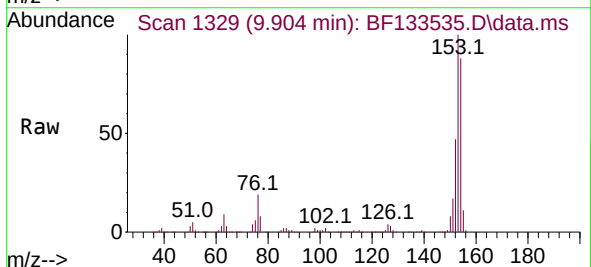
Tgt Ion:165 Resp: 154240
Ion Ratio Lower Upper
165 100
63 61.1 57.0 85.4
89 56.0 50.8 76.2

Manual Integrations
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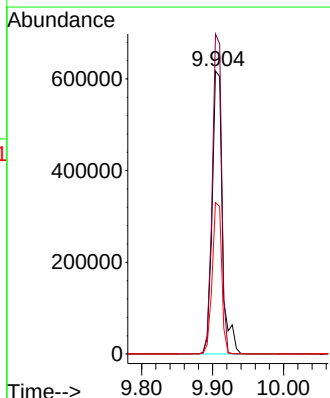
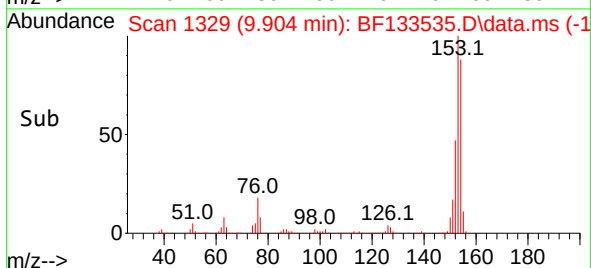
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

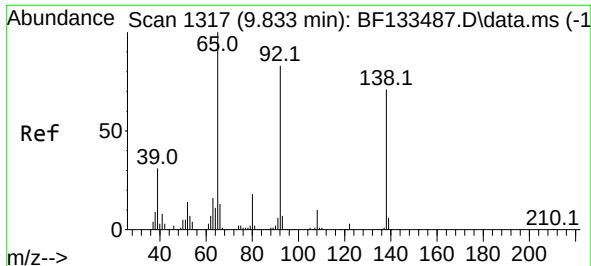


#52
Acenaphthene
Concen: 40.332 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51



Tgt Ion:154 Resp: 619266
Ion Ratio Lower Upper
154 100
153 113.1 89.2 133.8
152 53.5 43.1 64.7





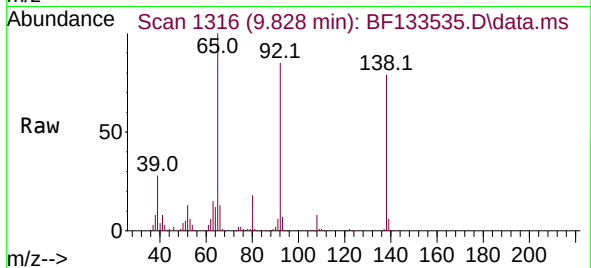
#53
3-Nitroaniline
Concen: 45.866 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



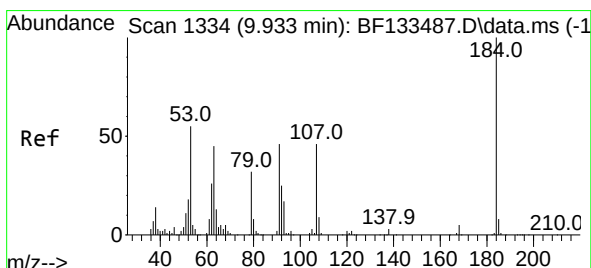
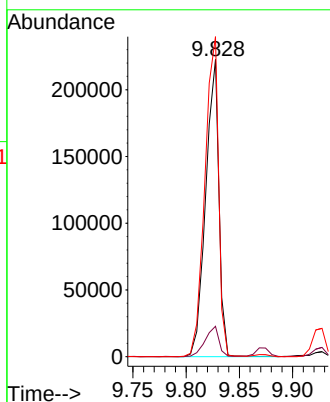
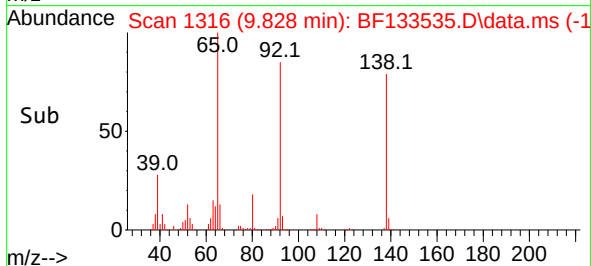
Tgt Ion:138 Resp: 193189
Ion Ratio Lower Upper
138 100
108 10.3 11.9 17.9
92 107.7 93.1 139.7

Manual Integrations

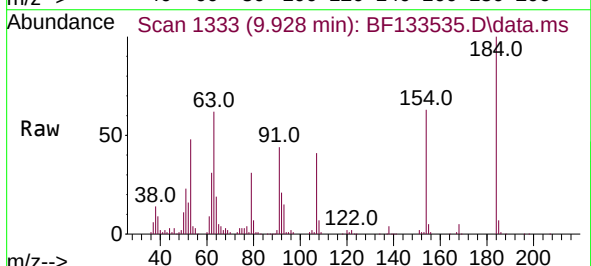
APPROVED

Reviewed By :Yogesh Patel 06/01/2023

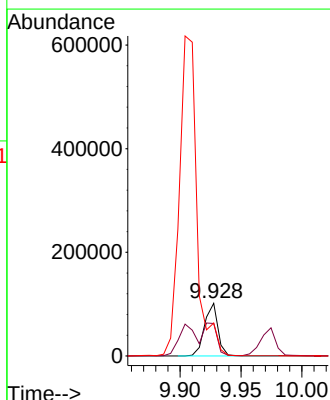
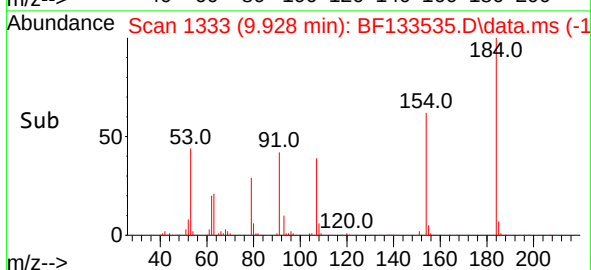
Supervised By :mohammad ahmed 06/01/2023

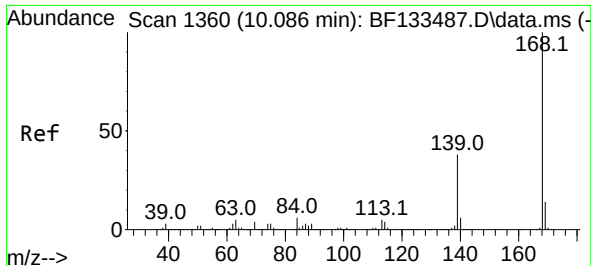


#54
2,4-Dinitrophenol
Concen: 53.777 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51



Tgt Ion:184 Resp: 77841
Ion Ratio Lower Upper
184 100
63 61.5 55.7 83.5
154 62.6 49.3 73.9





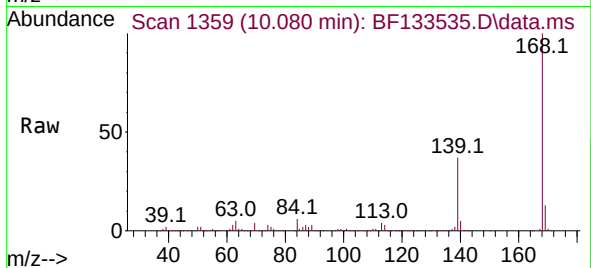
#55
Dibenzenofuran
Concen: 38.813 ng
RT: 10.080 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



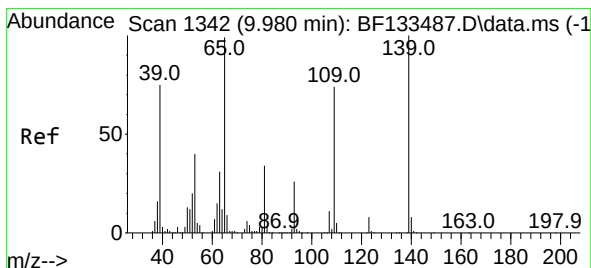
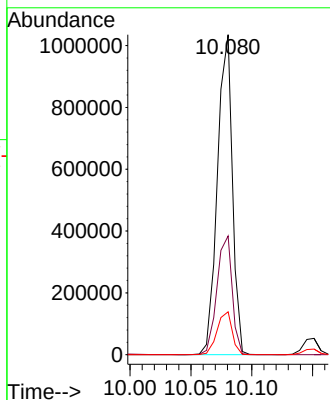
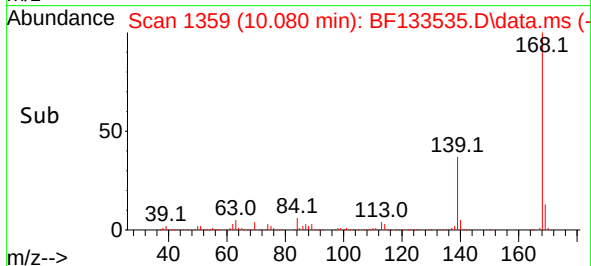
Tgt Ion:168 Resp: 886607
Ion Ratio Lower Upper
168 100
139 37.1 30.6 46.0
169 13.4 10.9 16.3

Manual Integrations

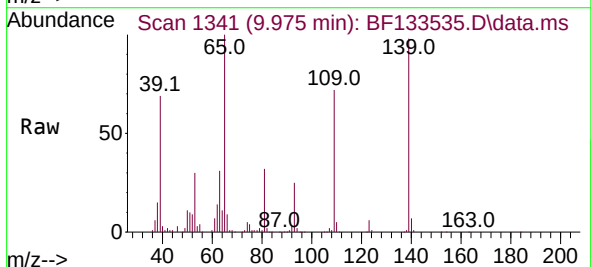
APPROVED

Reviewed By :Yogesh Patel 06/01/2023

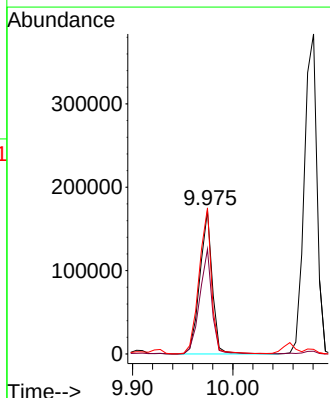
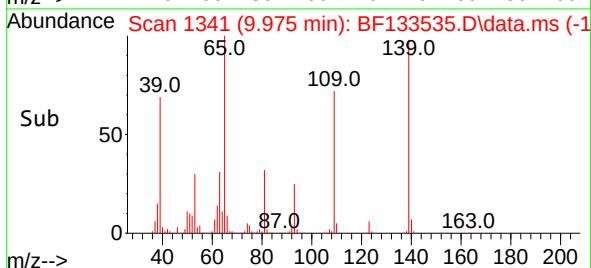
Supervised By :mohammad ahmed 06/01/2023

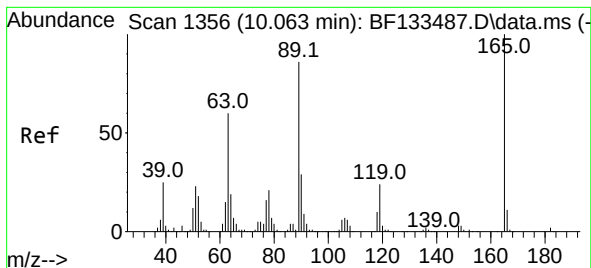


#56
4-Nitrophenol
Concen: 49.083 ng
RT: 9.975 min Scan# 1341
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51



Tgt Ion:139 Resp: 148882
Ion Ratio Lower Upper
139 100
109 73.1 54.5 94.5
65 101.7 79.5 119.5





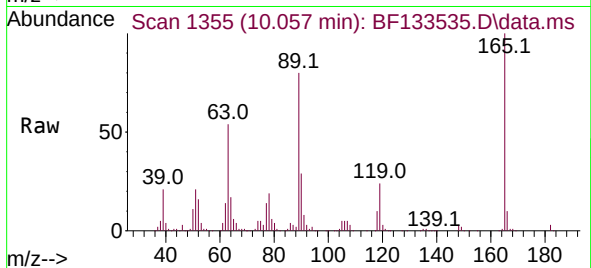
#57
2,4-Dinitrotoluene
Concen: 48.035 ng
RT: 10.057 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

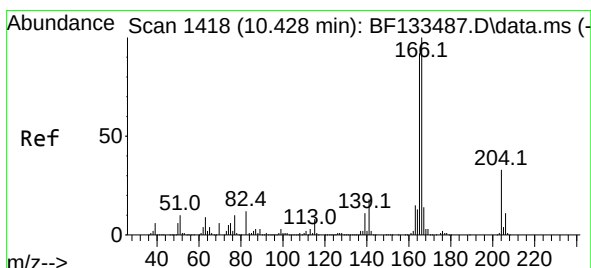
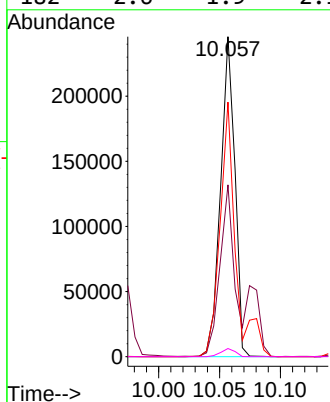
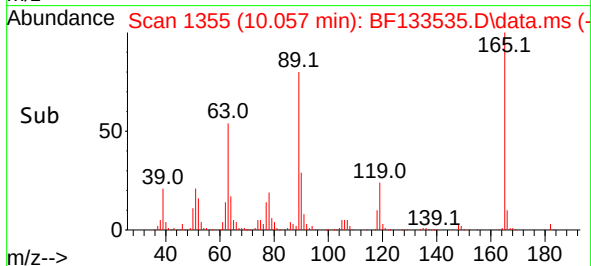


Tgt Ion:165 Resp: 20098
Ion Ratio Lower Upper
165 100
63 53.7 48.1 72.1
89 79.6 68.4 102.6
182 2.6 1.9 2.9

Manual Integrations

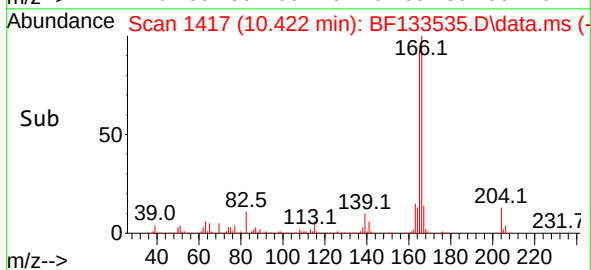
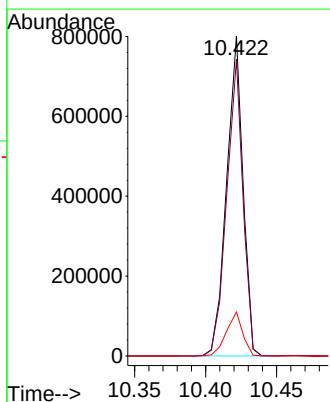
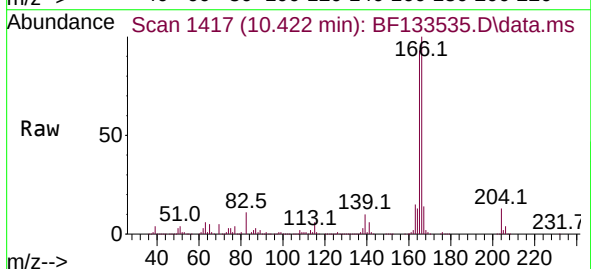
APPROVED

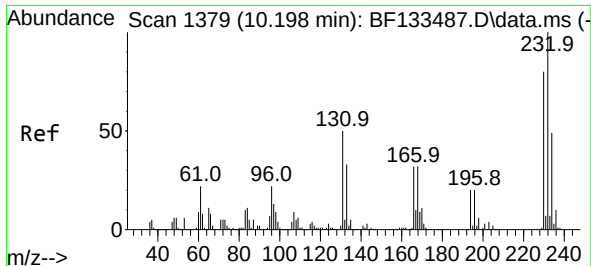
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#58
Fluorene
Concen: 38.348 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

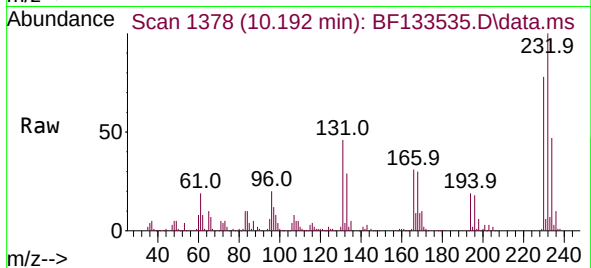
Tgt Ion:166 Resp: 641794
Ion Ratio Lower Upper
166 100
165 92.7 73.4 110.0
167 13.8 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.673 ng
RT: 10.192 min Scan# 1378
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

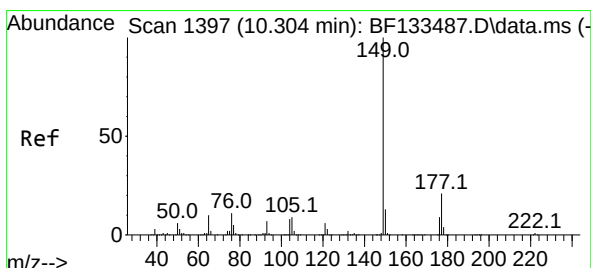
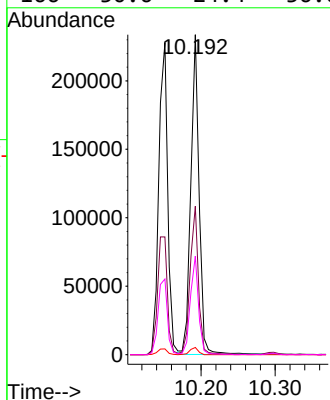
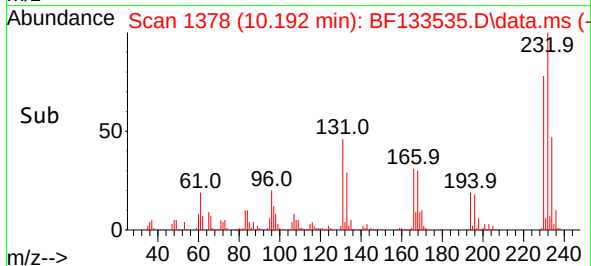
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 18264
Ion Ratio Lower Upper
232 100
131 46.4 37.9 56.9
130 2.3 1.8 2.6
166 30.6 24.4 36.6

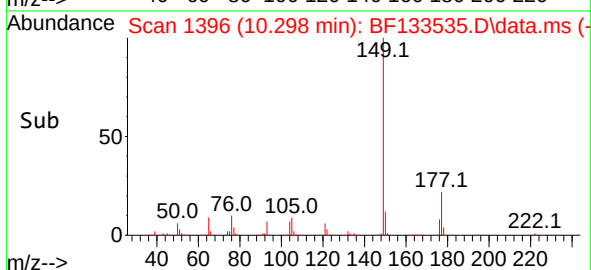
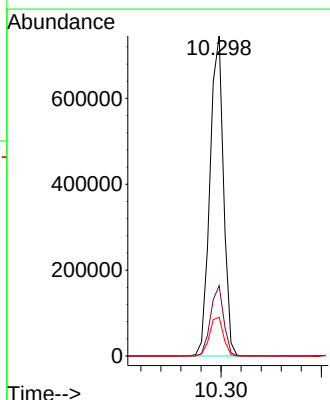
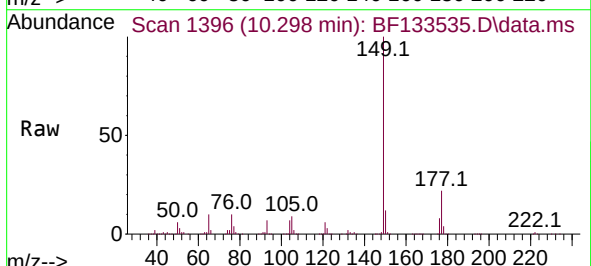
Manual Integrations
APPROVED

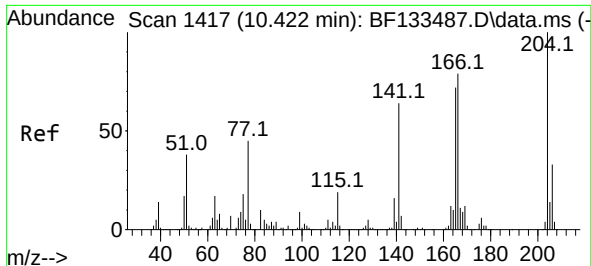
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#60
Diethylphthalate
Concen: 38.177 ng
RT: 10.298 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

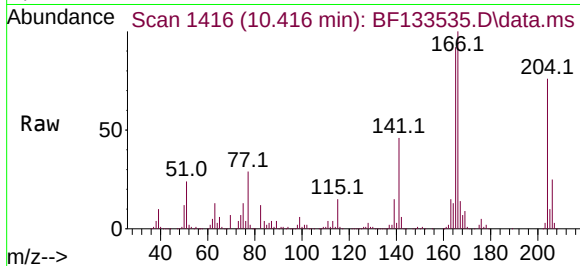
Tgt Ion:149 Resp: 702632
Ion Ratio Lower Upper
149 100
177 22.0 17.1 25.7
150 12.1 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 37.959 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

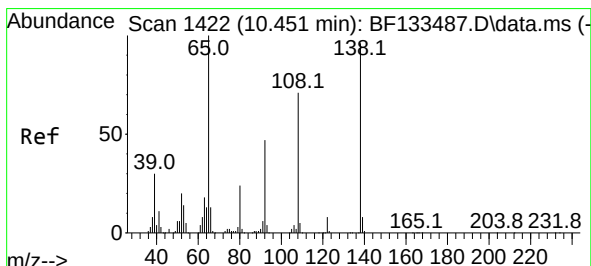
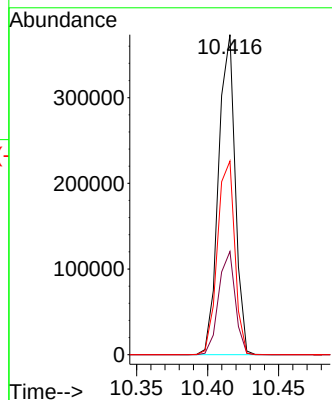
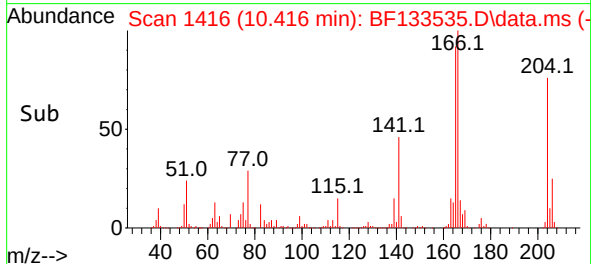
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



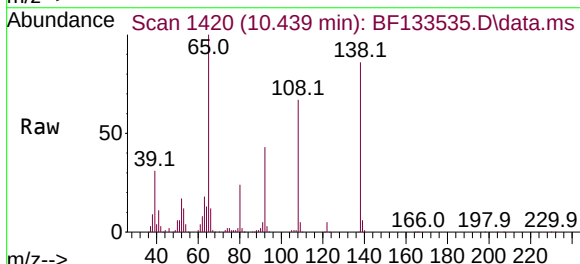
Tgt Ion:204 Resp: 30504
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 60.5 51.4 77.2

Manual Integrations
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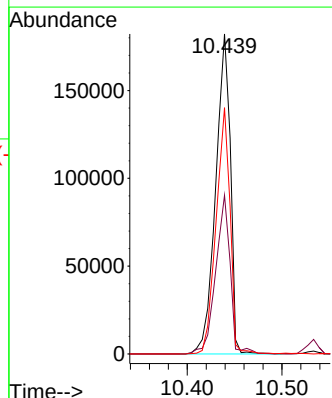
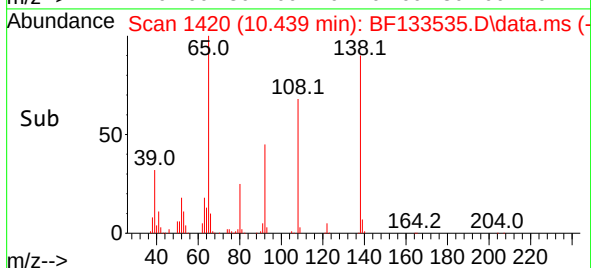
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

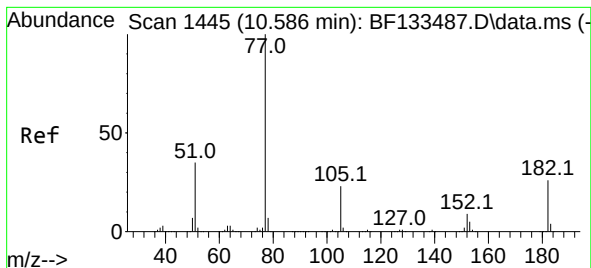


#62
4-Nitroaniline
Concen: 46.183 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51



Tgt Ion:138 Resp: 196152
Ion Ratio Lower Upper
138 100
92 49.6 28.4 68.4
108 77.0 54.2 94.2





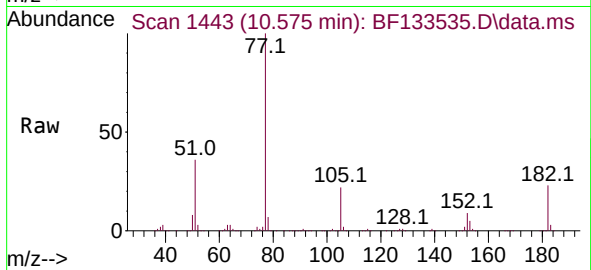
#63
Azobenzene
Concen: 37.990 ng
RT: 10.575 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

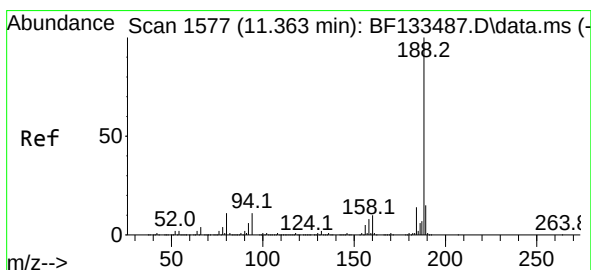
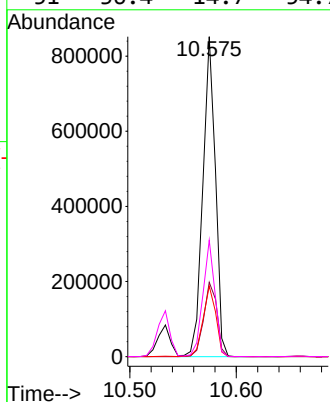
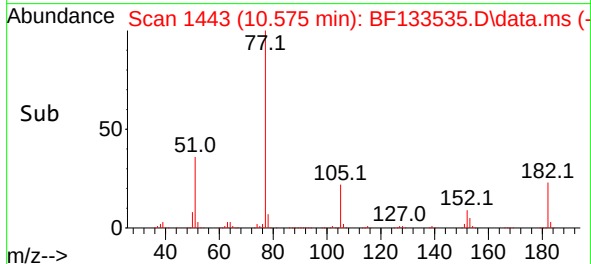


Tgt Ion: 77 Resp: 699898
Ion Ratio Lower Upper
77 100
182 23.3 5.6 45.6
105 22.1 2.6 42.6
51 36.4 14.7 54.7

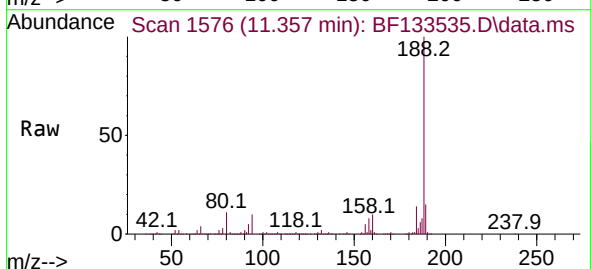
Manual Integrations

APPROVED

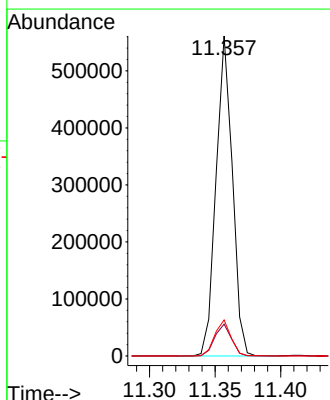
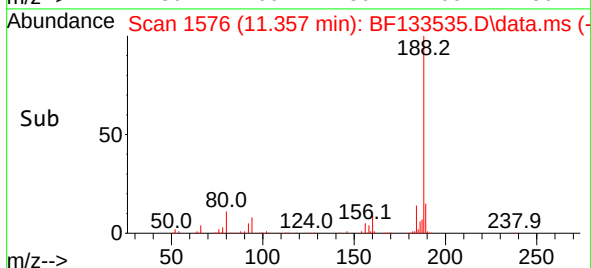
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

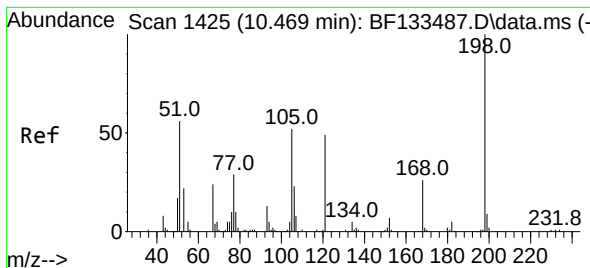


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51



Tgt Ion:188 Resp: 484967
Ion Ratio Lower Upper
188 100
94 9.9 8.6 12.8
80 11.2 9.2 13.8





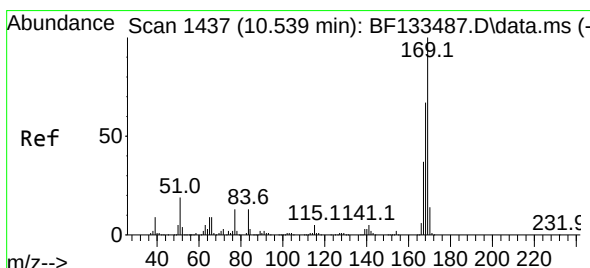
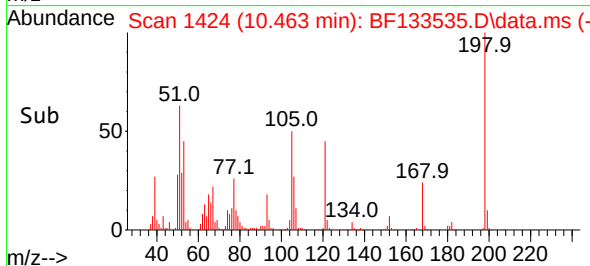
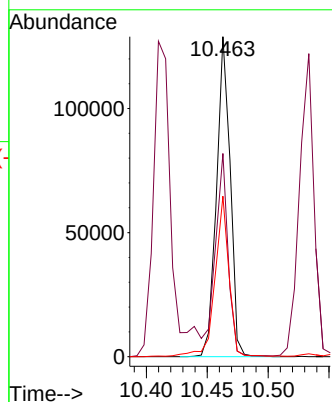
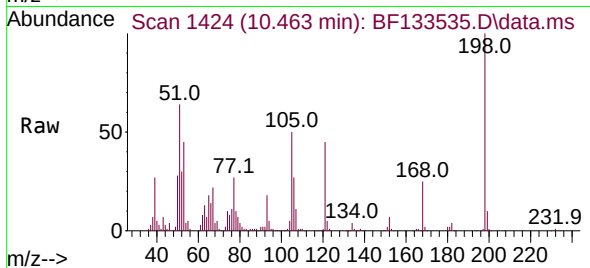
#65
4,6-Dinitro-2-methylphenol
Concen: 50.407 ng
RT: 10.463 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 101025
Ion Ratio Lower Upper
198 100
51 63.5 53.6 93.6
105 50.2 35.9 75.9

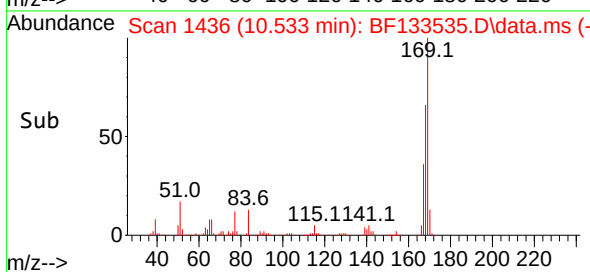
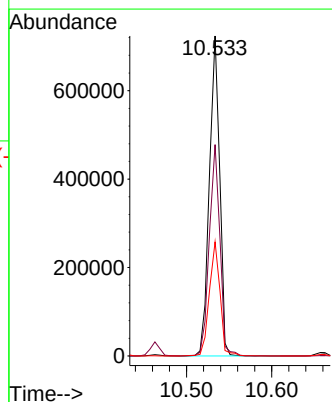
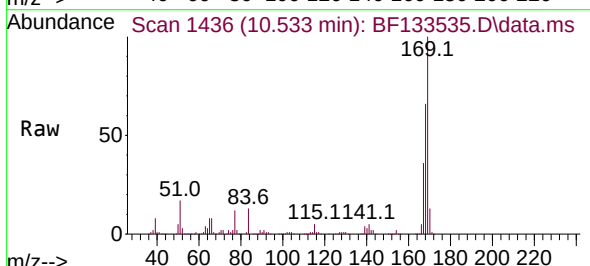
Manual Integrations
APPROVED

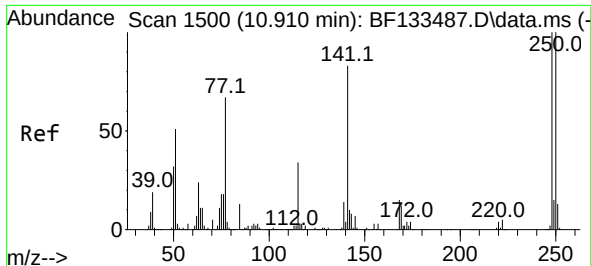
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#66
n-Nitrosodiphenylamine
Concen: 38.711 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

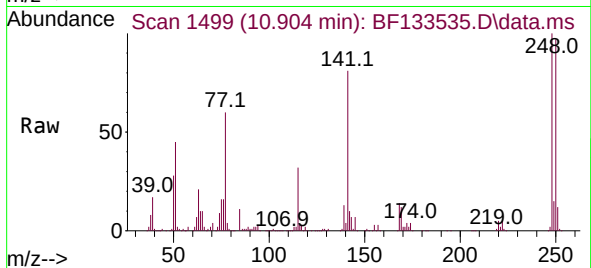
Tgt Ion:169 Resp: 609484
Ion Ratio Lower Upper
169 100
168 66.1 53.7 80.5
167 35.6 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 37.896 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

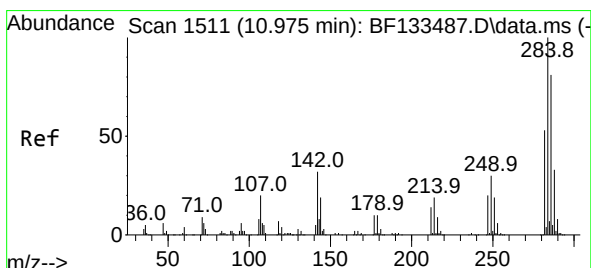
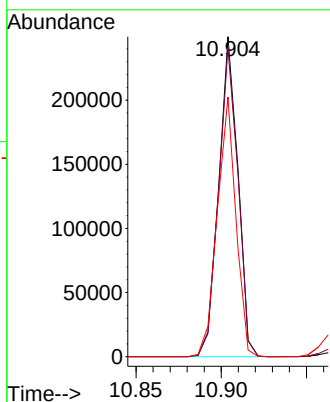
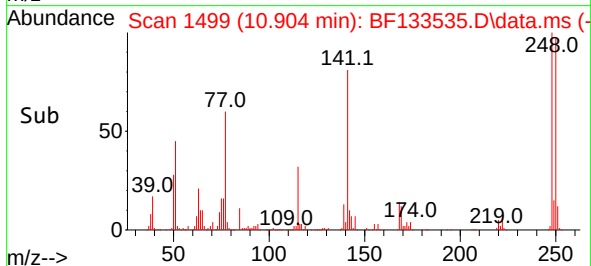
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



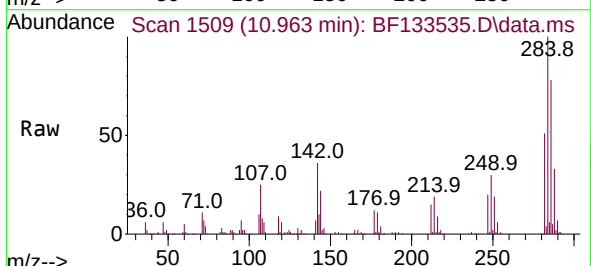
Tgt Ion:248 Resp: 195178
Ion Ratio Lower Upper
248 100
250 96.5 79.7 119.5
141 81.1 66.6 100.0

Manual Integrations
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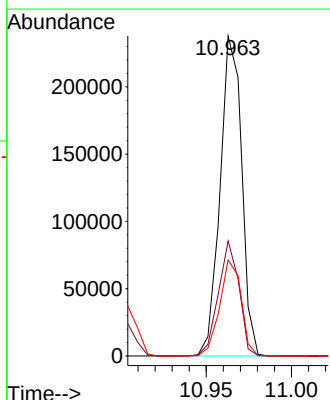
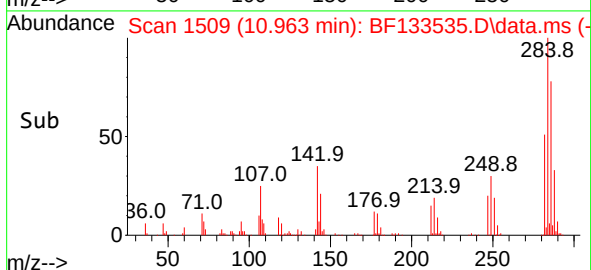
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

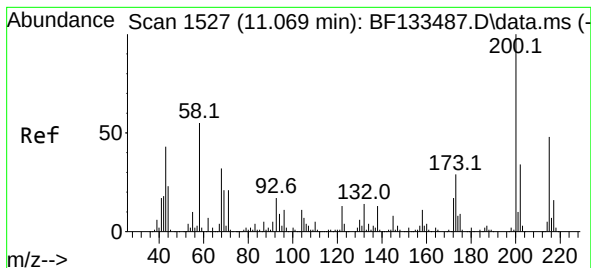


#68
Hexachlorobenzene
Concen: 38.902 ng
RT: 10.963 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51



Tgt Ion:284 Resp: 209522
Ion Ratio Lower Upper
284 100
142 36.0 25.8 38.6
249 30.0 24.4 36.6





#69

Atrazine

Concen: 39.749 ng

RT: 11.063 min Scan# 11063

Delta R.T. -0.000 min

Lab File: BF133535.D

Acq: 31 May 2023 11:51

Instrument :

BNA_F

ClientSampleId :

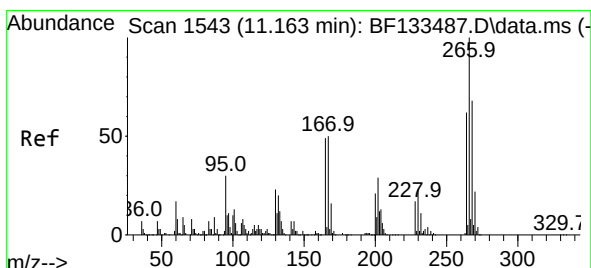
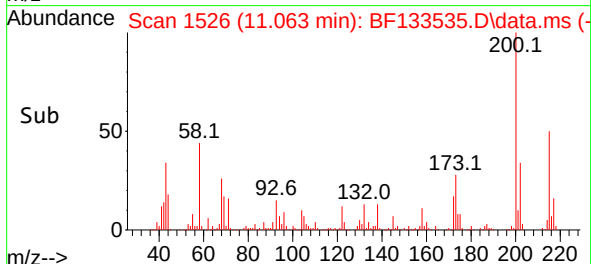
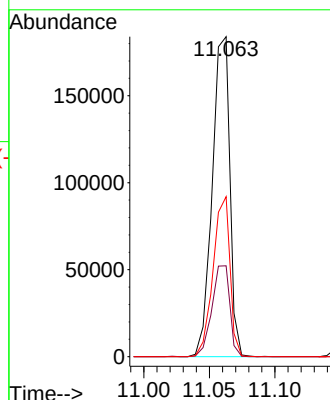
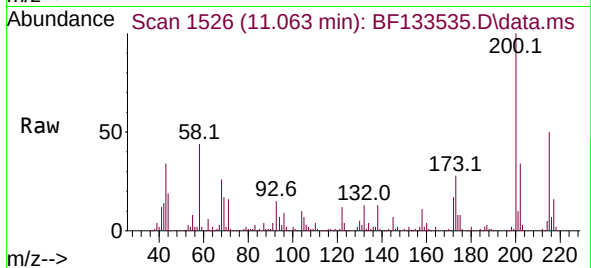
SSTDCCC040

Tgt Ion:200 Resp: 171715
 Ion Ratio Lower Upper
 200 100
 173 28.4 9.0 49.0
 215 50.0 27.6 67.6

Manual Integrations

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Reviewed By :Yogesh Patel 06/01/2023
 Supervised By :mohammad ahmed 06/01/2023



#70

Pentachlorophenol

Concen: 46.805 ng

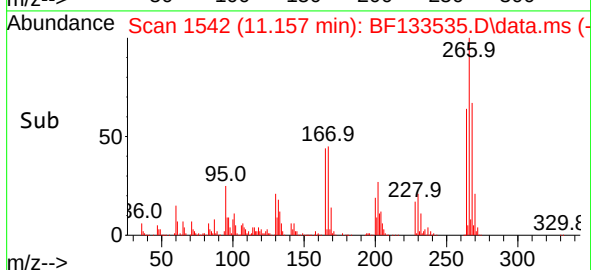
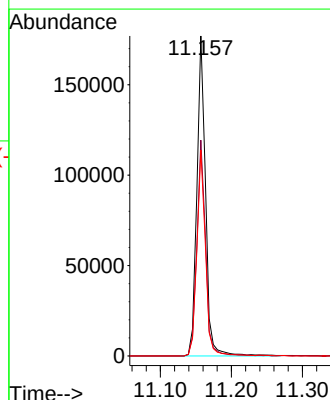
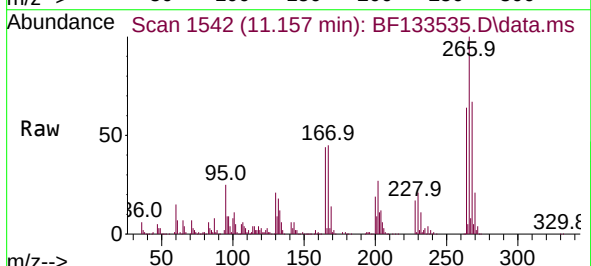
RT: 11.157 min Scan# 1542

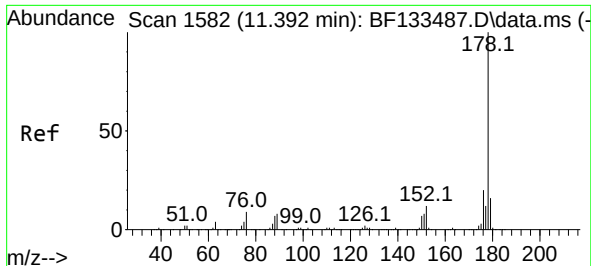
Delta R.T. -0.000 min

Lab File: BF133535.D

Acq: 31 May 2023 11:51

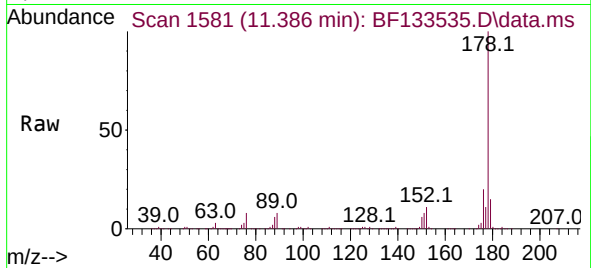
Tgt Ion:266 Resp: 150732
 Ion Ratio Lower Upper
 266 100
 268 67.5 54.6 82.0
 264 64.3 49.2 73.8





#71
Phenanthrene
Concen: 39.508 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

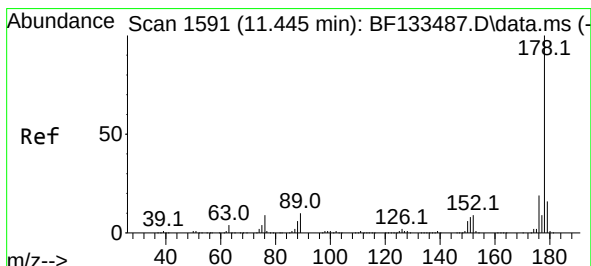
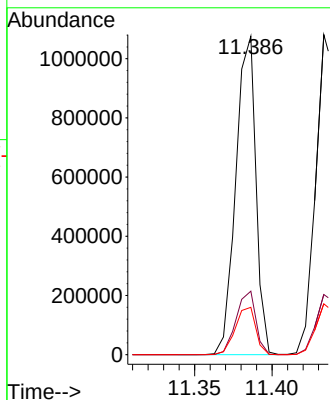
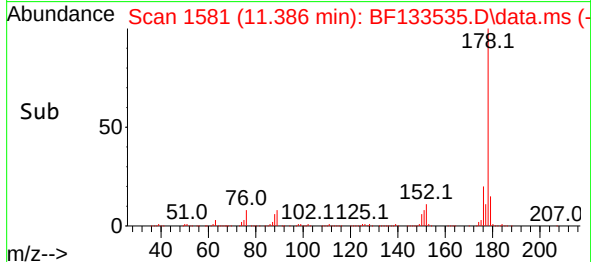
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



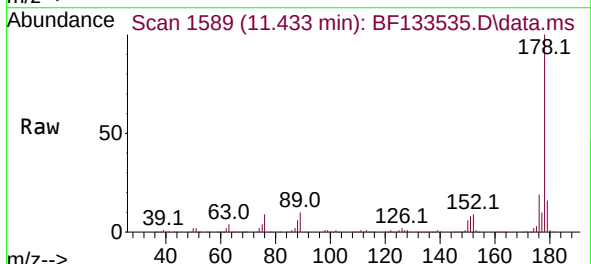
Tgt Ion:178 Resp: 97043
Ion Ratio Lower Upper
178 100
176 20.0 15.6 23.4
179 14.9 12.4 18.6

Manual Integrations
APPROVED

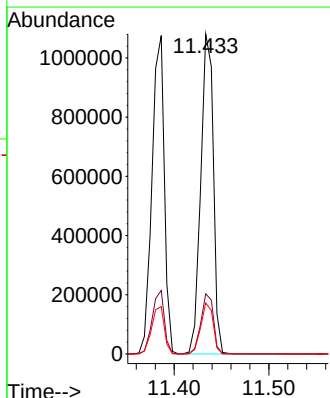
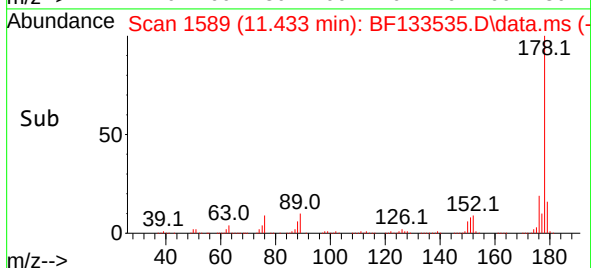
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

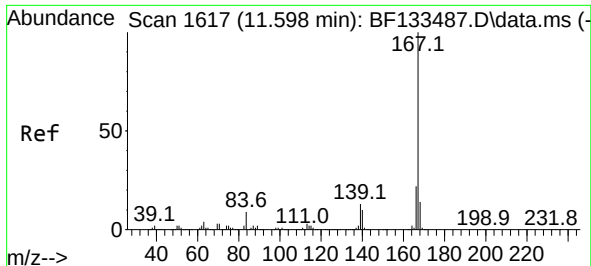


#72
Anthracene
Concen: 39.445 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51



Tgt Ion:178 Resp: 997169
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.9 12.6 18.8





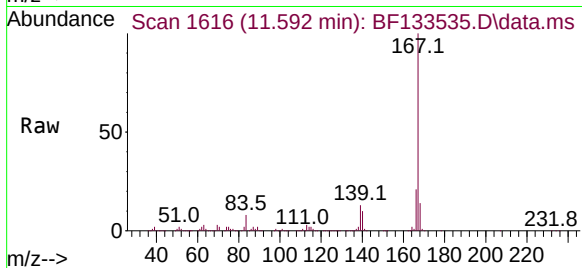
#73
 Carbazole
 Concen: 39.849 ng
 RT: 11.592 min Scan# 1616
 Delta R.T. -0.000 min
 Lab File: BF133535.D
 Acq: 31 May 2023 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



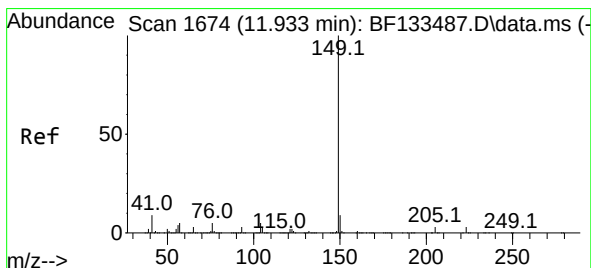
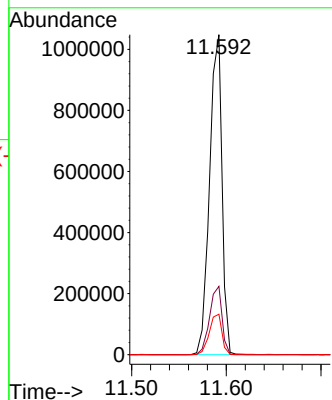
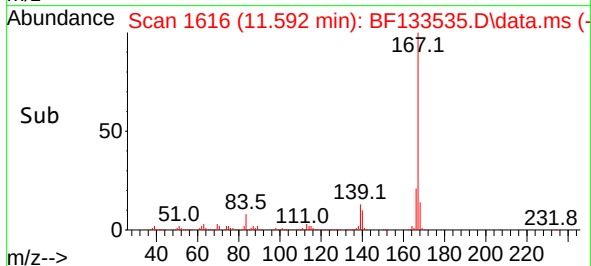
Tgt Ion:167 Resp: 952710
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.3 25.9
 139 12.7 10.7 16.1

Manual Integrations

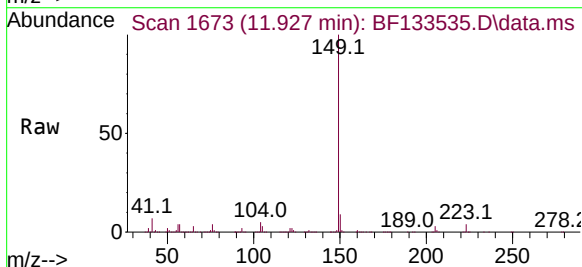
APPROVED

Reviewed By :Yogesh Patel 06/01/2023

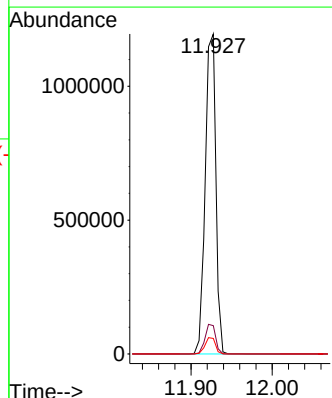
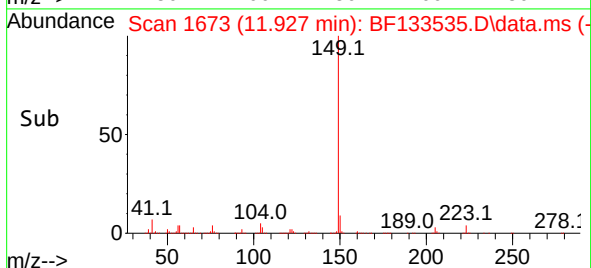
Supervised By :mohammad ahmed 06/01/2023

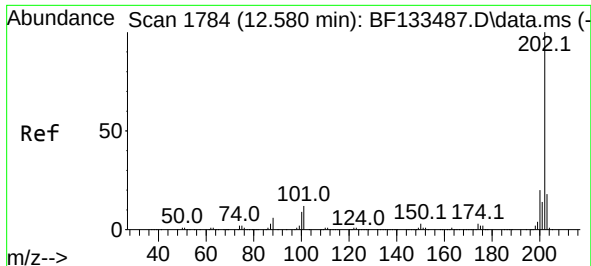


#74
 Di-n-butylphthalate
 Concen: 38.321 ng
 RT: 11.927 min Scan# 1673
 Delta R.T. -0.000 min
 Lab File: BF133535.D
 Acq: 31 May 2023 11:51



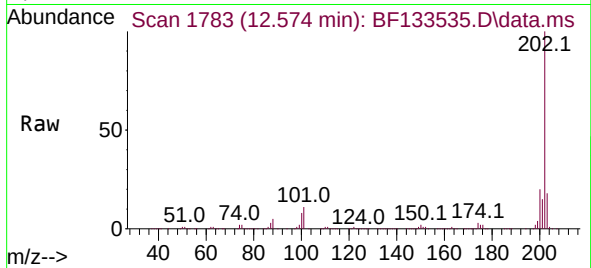
Tgt Ion:149 Resp: 1083348
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.2
 104 4.9 3.9 5.9





#75
Fluoranthene
Concen: 40.238 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

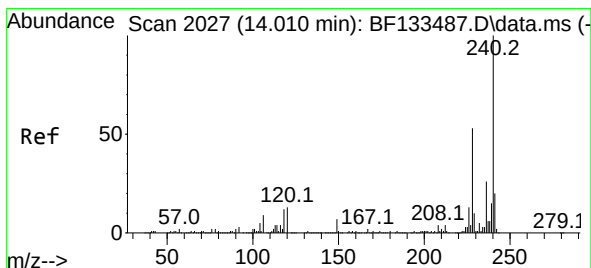
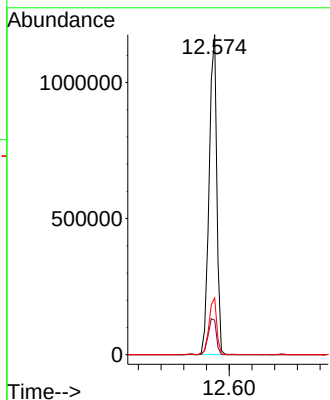
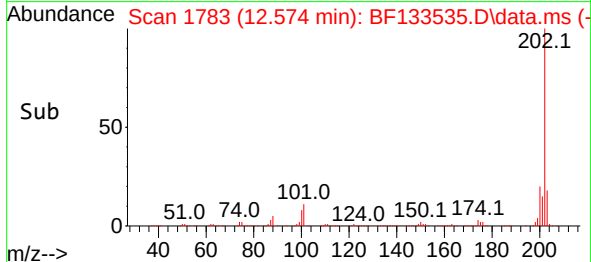
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



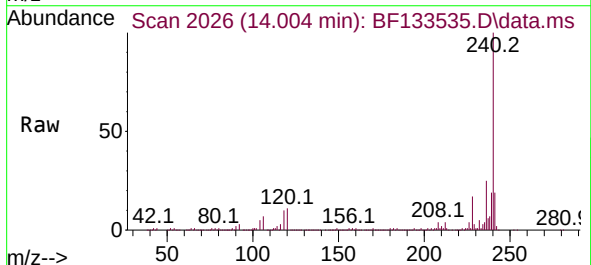
Tgt Ion:202 Resp: 1091740
Ion Ratio Lower Upper
202 100
101 10.8 0.0 32.2
203 17.8 0.0 37.8

Manual Integrations
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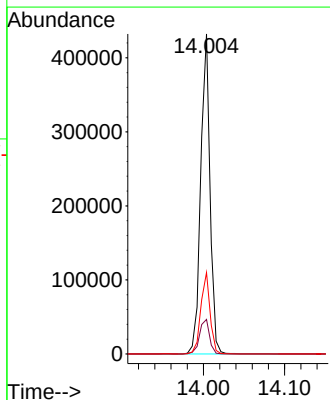
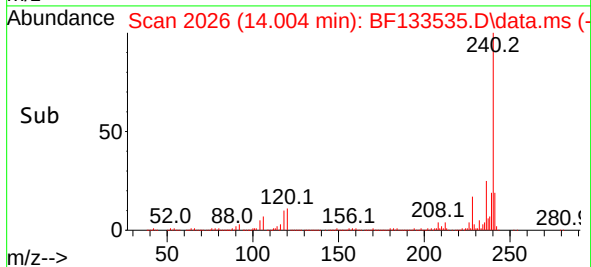
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

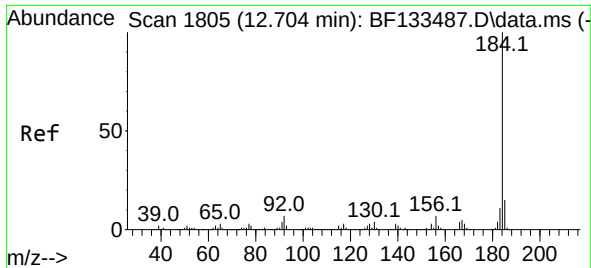


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51



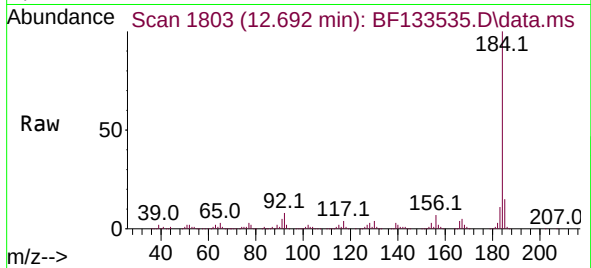
Tgt Ion:240 Resp: 343711
Ion Ratio Lower Upper
240 100
120 10.8 10.3 15.5
236 25.4 20.5 30.7





#77
Benzidine
Concen: 31.119 ng
RT: 12.692 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

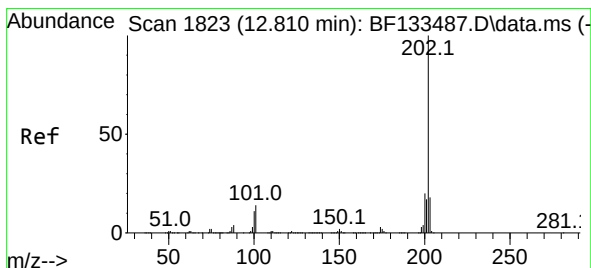
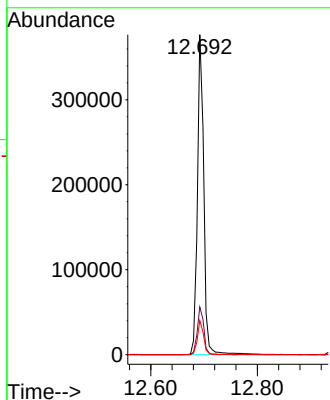
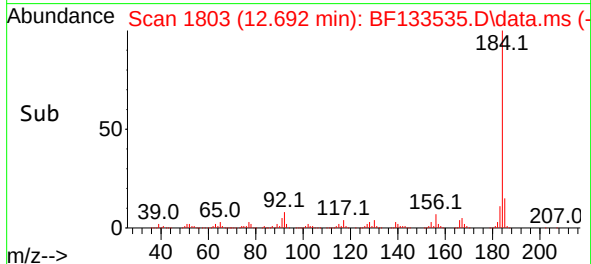
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



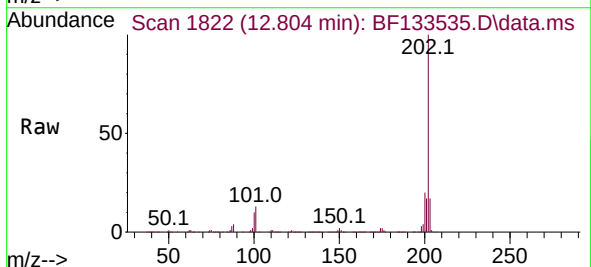
Tgt Ion:184 Resp: 312834
Ion Ratio Lower Upper
184 100
185 14.9 12.2 18.2
183 10.6 8.7 13.1

Manual Integrations
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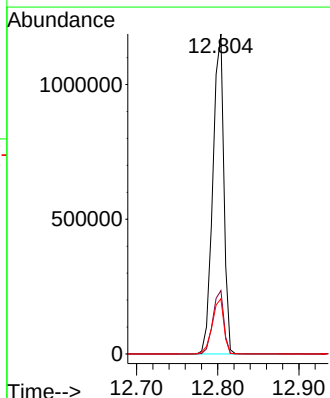
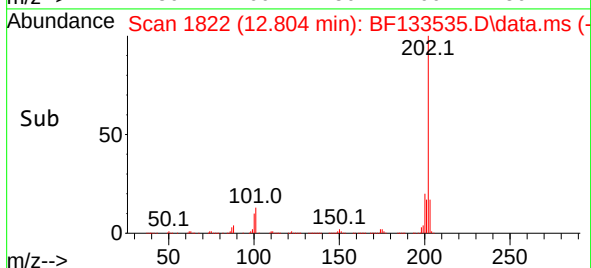
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

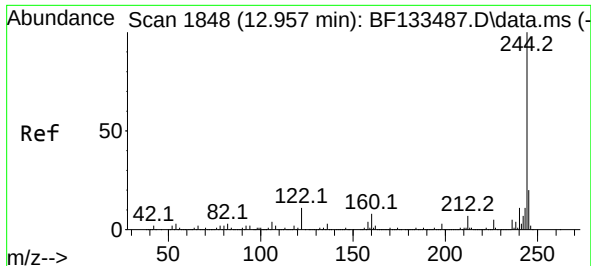


#78
Pyrene
Concen: 38.131 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51



Tgt Ion:202 Resp: 1115281
Ion Ratio Lower Upper
202 100
200 19.8 16.3 24.5
203 17.3 14.3 21.5





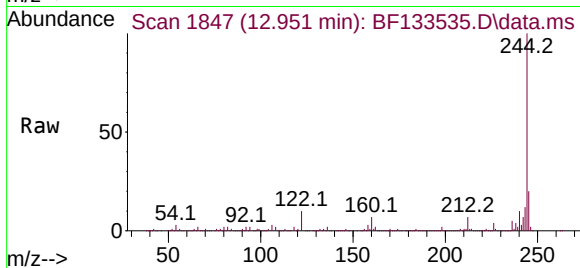
#79
 Terphenyl-d14
 Concen: 73.299 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.000 min
 Lab File: BF133535.D
 Acq: 31 May 2023 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

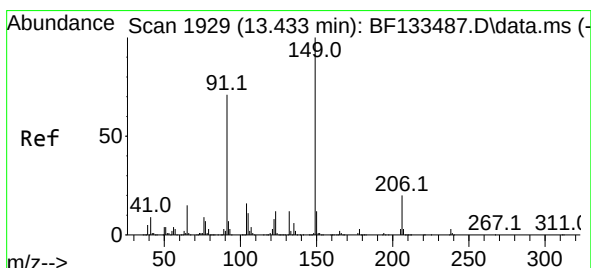
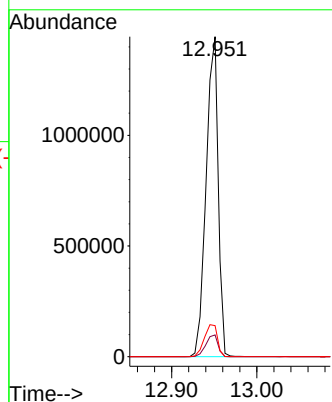
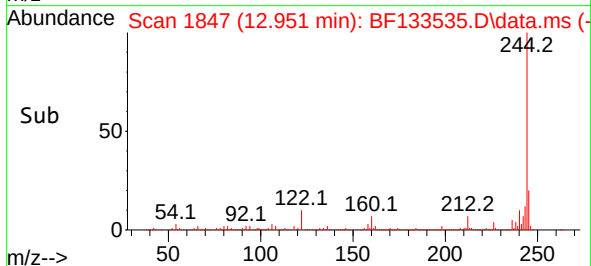


Tgt Ion:244 Resp: 141698
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 9.7 8.5 12.7

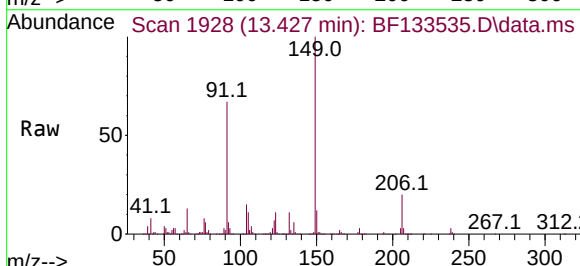
Manual Integrations

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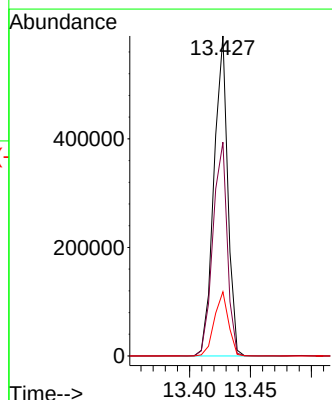
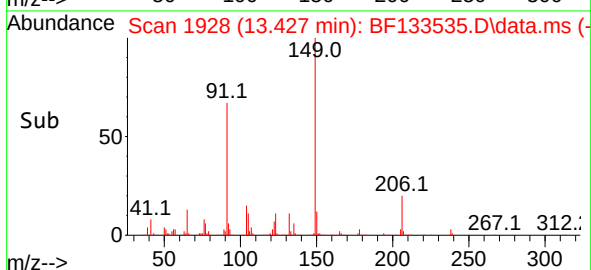
Reviewed By :Yogesh Patel 06/01/2023
 Supervised By :mohammad ahmed 06/01/2023

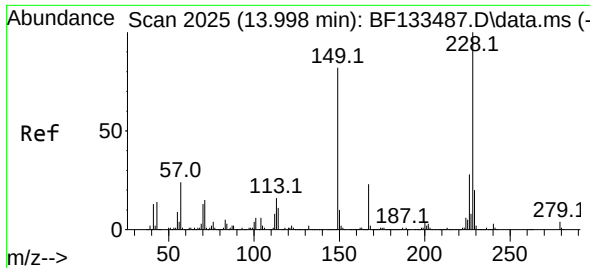


#80
 Butylbenzylphthalate
 Concen: 40.368 ng
 RT: 13.427 min Scan# 1928
 Delta R.T. -0.000 min
 Lab File: BF133535.D
 Acq: 31 May 2023 11:51



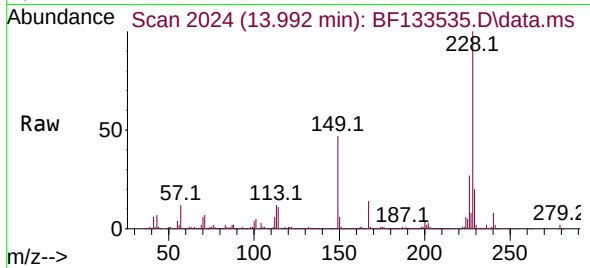
Tgt Ion:149 Resp: 467146
 Ion Ratio Lower Upper
 149 100
 91 66.8 56.9 85.3
 206 20.1 15.7 23.5





#81
Benzo(a)anthracene
Concen: 38.352 ng
RT: 13.992 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

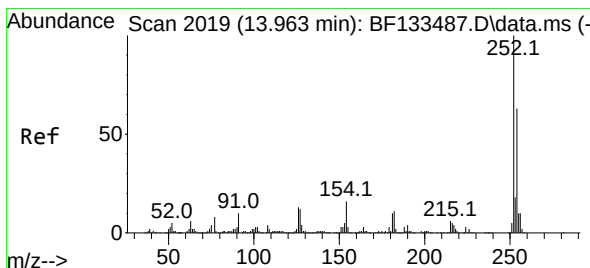
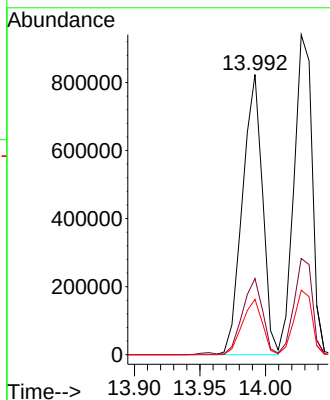
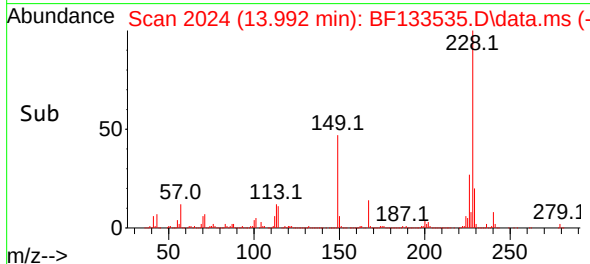
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



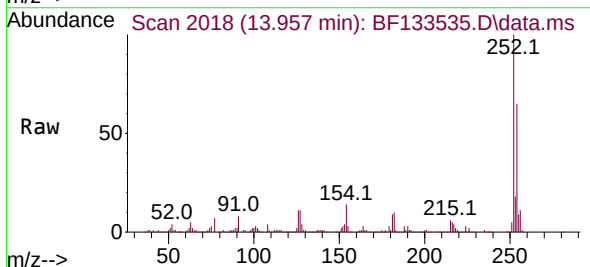
Tgt Ion:228 Resp: 87813
Ion Ratio Lower Upper
228 100
226 27.2 22.3 33.5
229 19.8 16.1 24.1

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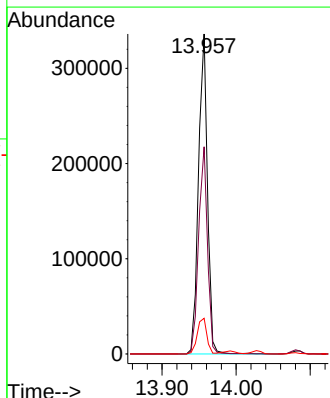
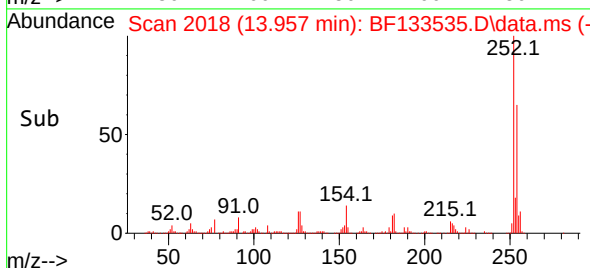
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

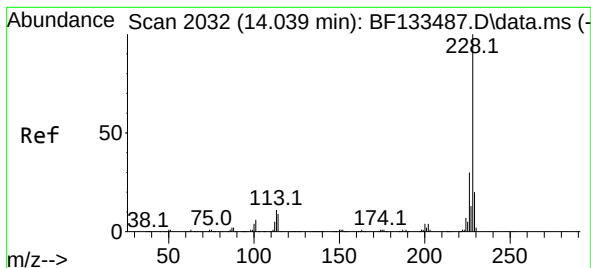


#82
3,3'-Dichlorobenzidine
Concen: 39.180 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51



Tgt Ion:252 Resp: 280441
Ion Ratio Lower Upper
252 100
254 64.7 50.3 75.5
126 11.1 10.5 15.7





#83

Chrysene

Concen: 39.081 ng

RT: 14.027 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF133535.D

Acq: 31 May 2023 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

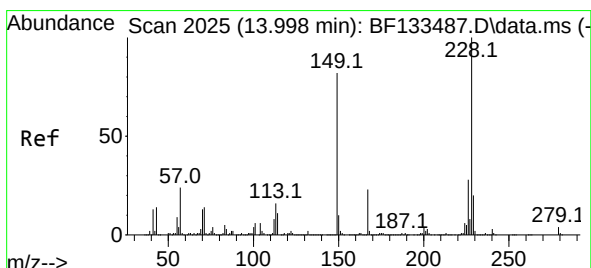
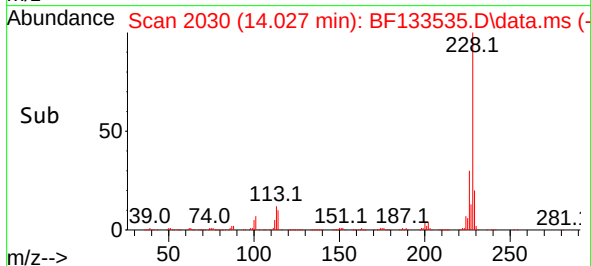
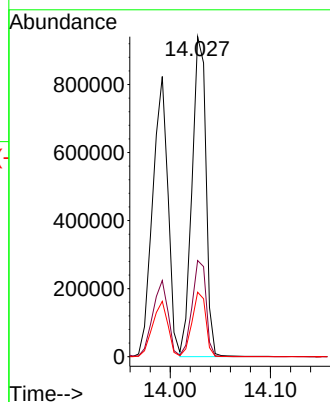
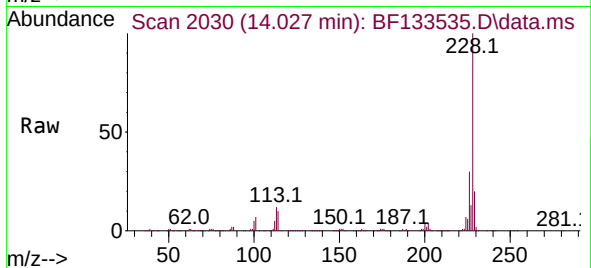
Tgt Ion:228 Resp: 903345
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.1 36.1
 229 20.1 15.8 23.8

Manual Integrations

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Reviewed By :Yogesh Patel 06/01/2023

Supervised By :mohammad ahmed 06/01/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.703 ng

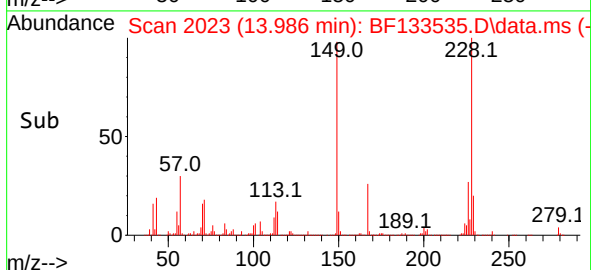
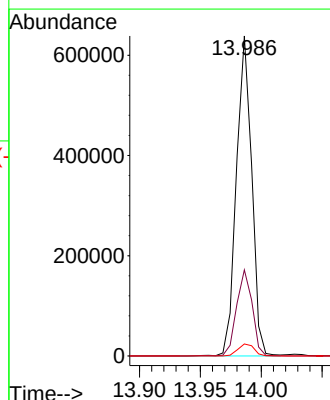
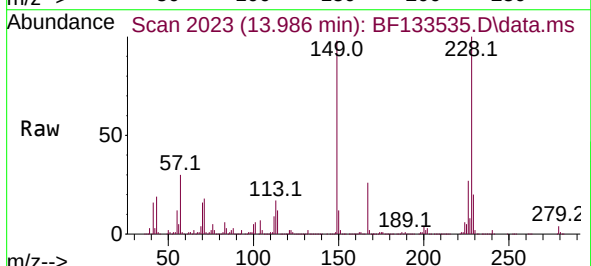
RT: 13.986 min Scan# 2023

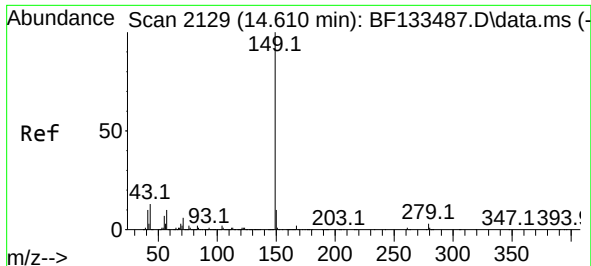
Delta R.T. -0.000 min

Lab File: BF133535.D

Acq: 31 May 2023 11:51

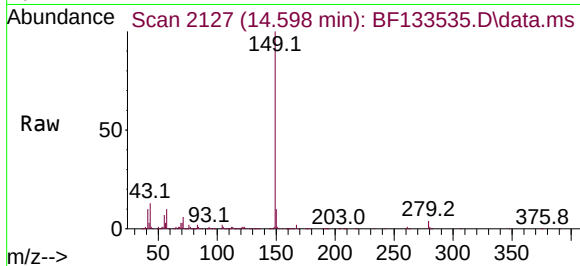
Tgt Ion:149 Resp: 559846
 Ion Ratio Lower Upper
 149 100
 167 26.9 22.0 33.0
 279 3.8 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 40.872 ng
RT: 14.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

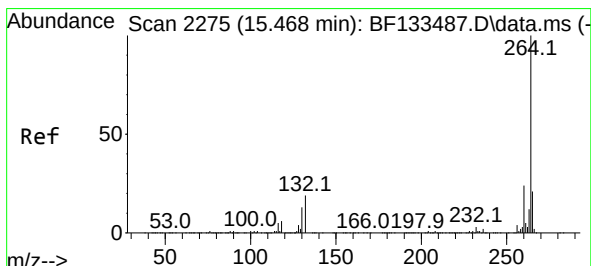
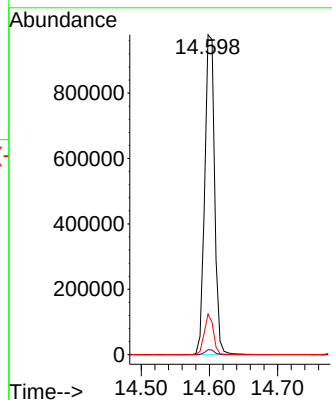
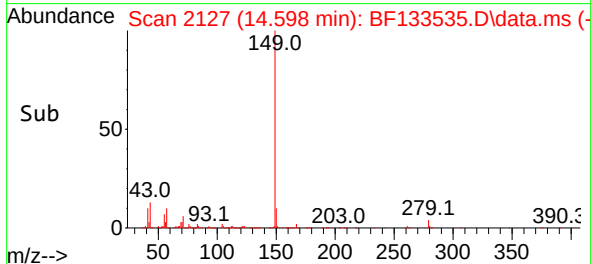
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



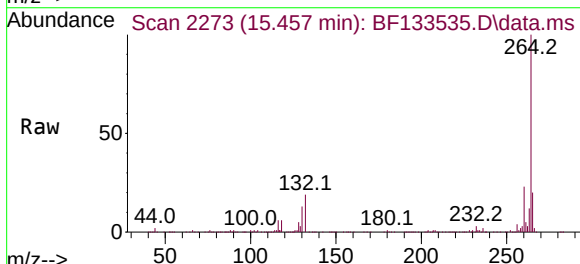
Tgt Ion:149 Resp: 98486
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.8 10.0 15.0

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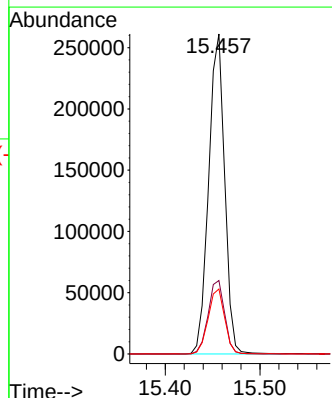
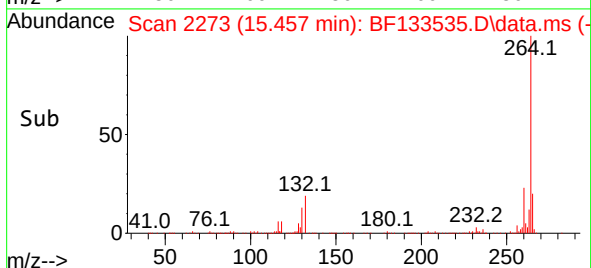
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

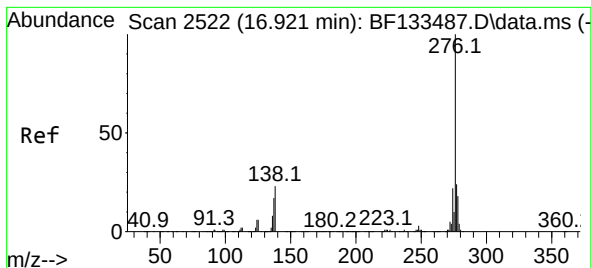


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51



Tgt Ion:264 Resp: 305315
Ion Ratio Lower Upper
264 100
260 22.9 19.0 28.4
265 20.3 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.076 ng

RT: 16.904 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF133535.D

Acq: 31 May 2023 11:51

Instrument :

BNA_F

ClientSampleId :

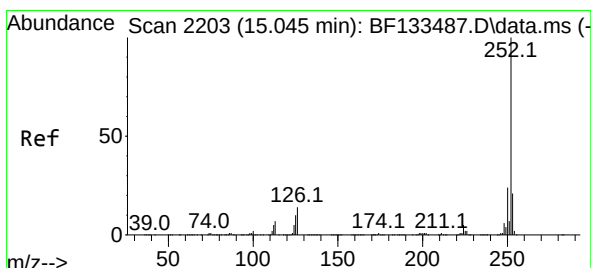
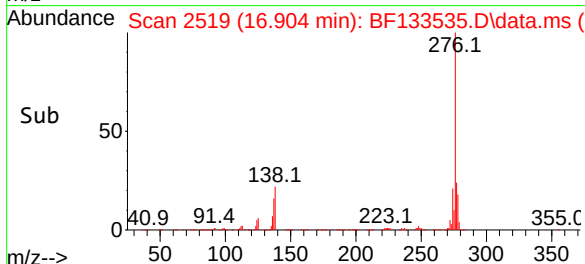
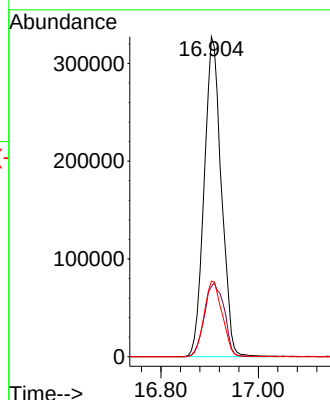
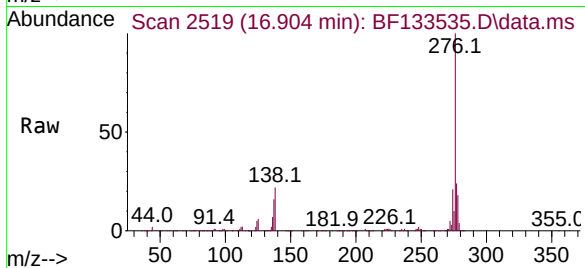
SSTDCCC040

Tgt Ion:276 Resp: 79884
 Ion Ratio Lower Upper
 276 100
 138 26.7 21.4 32.2
 277 25.0 20.0 30.0

Manual Integrations

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Reviewed By :Yogesh Patel 06/01/2023
 Supervised By :mohammad ahmed 06/01/2023



#88

Benzo(b)fluoranthene

Concen: 37.726 ng

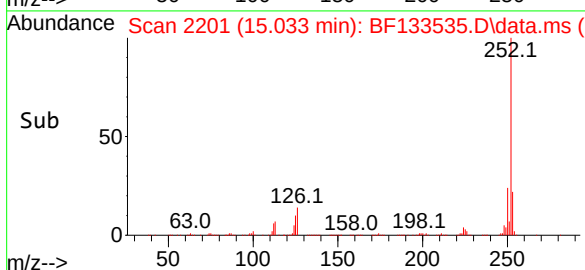
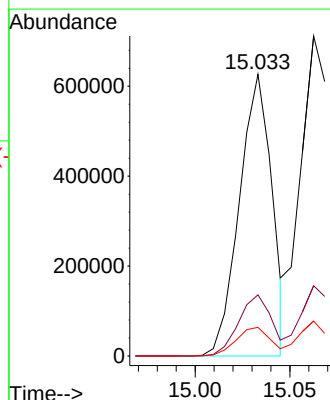
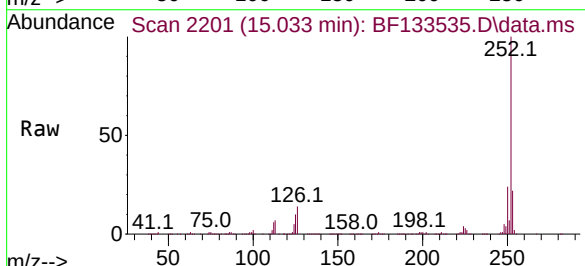
RT: 15.033 min Scan# 2201

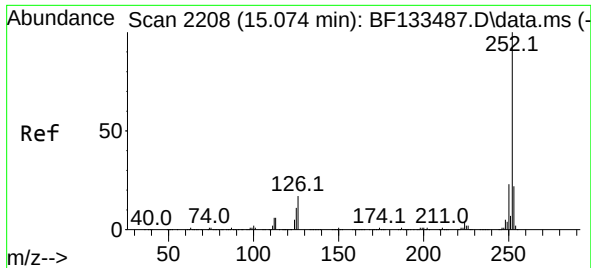
Delta R.T. -0.000 min

Lab File: BF133535.D

Acq: 31 May 2023 11:51

Tgt Ion:252 Resp: 750041
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.2 25.8
 125 10.1 8.1 12.1





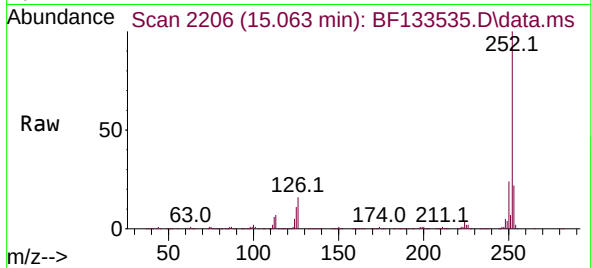
#89
Benzo(k)fluoranthene
Concen: 39.194 ng
RT: 15.063 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

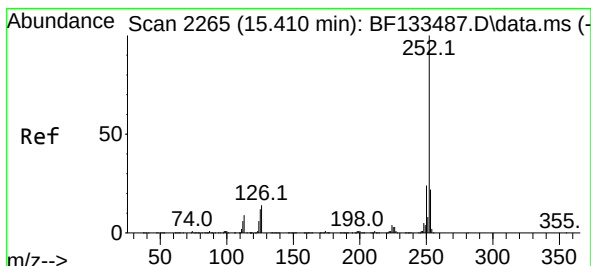
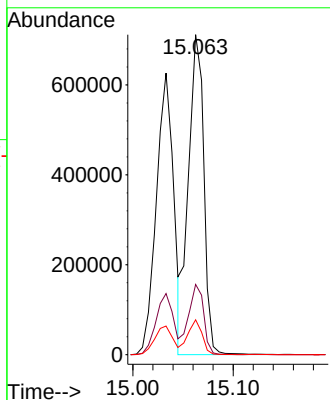
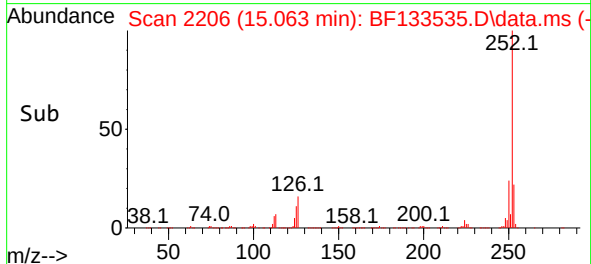


Tgt Ion:252 Resp: 759804
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 10.9 8.3 12.5

Manual Integrations

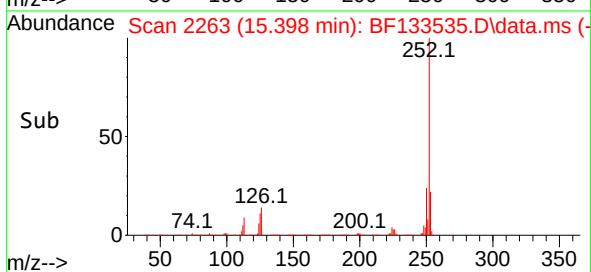
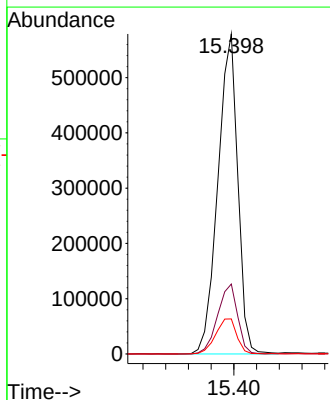
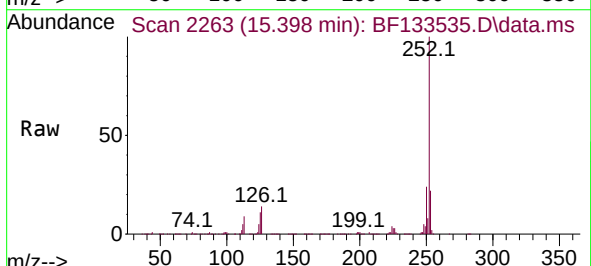
APPROVED

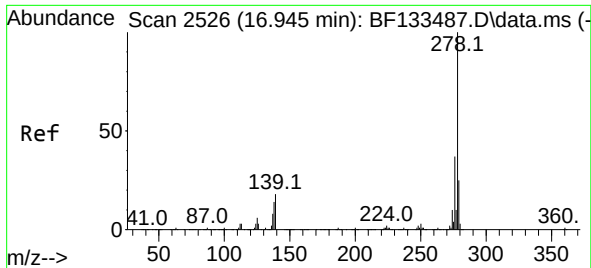
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#90
Benzo(a)pyrene
Concen: 38.916 ng
RT: 15.398 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

Tgt Ion:252 Resp: 704020
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 11.0 9.4 14.0





#91
Dibenzo(a,h)anthracene
Concen: 41.204 ng
RT: 16.927 min Scan# 2526
Delta R.T. -0.006 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

Instrument :

BNA_F

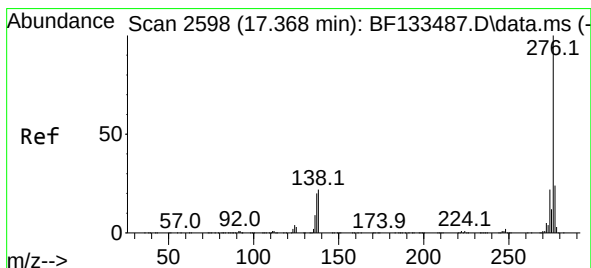
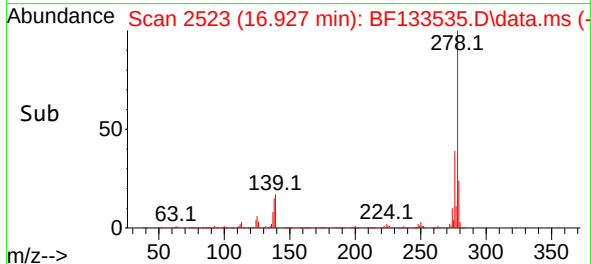
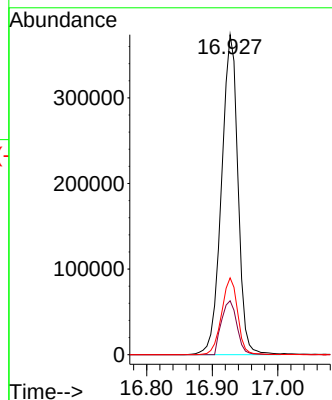
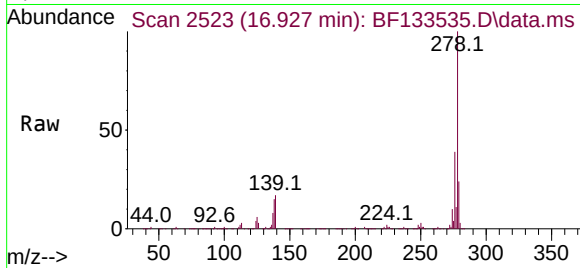
ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 649700
Ion Ratio Lower Upper
278 100
139 16.8 14.1 21.1
279 24.0 19.7 29.5

Manual Integrations
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Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#92
Benzo(g,h,i)perylene
Concen: 41.935 ng
RT: 17.351 min Scan# 2595
Delta R.T. -0.000 min
Lab File: BF133535.D
Acq: 31 May 2023 11:51

Tgt Ion:276 Resp: 666747
Ion Ratio Lower Upper
276 100
277 23.9 18.8 28.2
138 23.1 17.8 26.6

