

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052323\
 Data File : BF133454.D
 Acq On : 23 May 2023 13:08
 Operator : CG\JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/24/2023
 Supervised By : Jagrut Upadhyay 05/25/2023

Quant Time: May 24 02:31:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 24 02:24:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	136205	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	495137	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	223613	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	400128	20.000	ng	0.00
76) Chrysene-d12	14.010	240	289536	20.000	ng	0.00
86) Perylene-d12	15.468	264	323739	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	367960	44.160	ng	0.00
7) Phenol-d6	6.457	99	431792	43.107	ng	0.00
23) Nitrobenzene-d5	7.404	82	291649	40.723	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	88023	42.613	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	701585	44.142	ng	0.00
79) Terphenyl-d14	12.951	244	648832	42.845	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	79987	21.206	ng	99
3) Pyridine	3.305	79	210020	21.148	ng	96
4) n-Nitrosodimethylamine	3.246	42	118623	20.925	ng	97
6) Aniline	6.504	93	290315m	21.207	ng	
8) 2-Chlorophenol	6.622	128	178791	21.632	ng	97
9) Benzaldehyde	6.393	77	126940	22.444	ng	94
10) Phenol	6.469	94	221327	21.608	ng	97
11) bis(2-Chloroethyl)ether	6.575	93	181269	21.682	ng	99
12) 1,3-Dichlorobenzene	6.781	146	193687	21.470	ng	98
13) 1,4-Dichlorobenzene	6.857	146	197112	21.821	ng	99
14) 1,2-Dichlorobenzene	7.010	146	185924	22.288	ng	97
15) Benzyl Alcohol	6.981	79	161854	21.353	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.122	45	335332	21.197	ng	98
17) 2-Methylphenol	7.087	107	161154	21.383	ng	98
18) Hexachloroethane	7.357	117	66595	21.635	ng	99
19) n-Nitroso-di-n-propyla...	7.251	70	126086	20.113	ng	99
20) 3+4-Methylphenols	7.240	107	202140	22.159	ng	93
22) Acetophenone	7.251	105	251399	21.637	ng	99
24) Nitrobenzene	7.422	77	166986	21.092	ng	98
25) Isophorone	7.663	82	343530	20.385	ng	96
26) 2-Nitrophenol	7.740	139	42663	17.931	ng	93
27) 2,4-Dimethylphenol	7.775	122	153417	21.300	ng	94
28) bis(2-Chloroethoxy)met...	7.875	93	208440	20.936	ng	99
29) 2,4-Dichlorophenol	7.975	162	141076	21.601	ng	97
30) 1,2,4-Trichlorobenzene	8.069	180	153027	21.546	ng	97
31) Naphthalene	8.151	128	523857	21.539	ng	99
32) Benzoic acid	7.851	122	45548m	19.649	ng	
33) 4-Chloroaniline	8.192	127	214787	21.079	ng	97
34) Hexachlorobutadiene	8.269	225	92120	21.341	ng	98
35) Caprolactam	8.545	113	40039	20.184	ng	# 89
36) 4-Chloro-3-methylphenol	8.663	107	146773	20.768	ng	97
37) 2-Methylnaphthalene	8.839	142	348756	21.390	ng	100
38) 1-Methylnaphthalene	8.939	142	323212	21.274	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	148245	21.813	ng	99
41) Hexachlorocyclopentadiene	8.992	237	66239	20.436	ng	99
43) 2,4,6-Trichlorophenol	9.110	196	90045	21.576	ng	98

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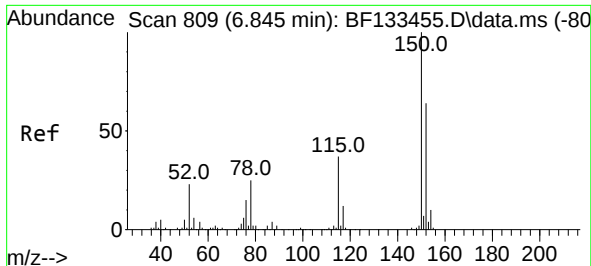
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	103083	21.356	ng	95
46) 1,1'-Biphenyl	9.304	154	408344	21.772	ng	99
47) 2-Chloronaphthalene	9.328	162	291513	21.667	ng	97
48) 2-Nitroaniline	9.416	65	59332	18.770	ng	92
49) Acenaphthylene	9.739	152	492902	21.566	ng	100
50) Dimethylphthalate	9.598	163	324277	21.241	ng	99
51) 2,6-Dinitrotoluene	9.657	165	46971	19.185	ng	95
52) Acenaphthene	9.916	154	290342	21.157	ng	99
53) 3-Nitroaniline	9.828	138	60479	19.181	ng	# 90
54) 2,4-Dinitrophenol	9.928	184	10282	19.539	ng	# 77
55) Dibenzofuran	10.086	168	441772	21.568	ng	96
56) 4-Nitrophenol	9.969	139	44587	19.574	ng	98
57) 2,4-Dinitrotoluene	10.057	165	51135	18.455	ng	96
58) Fluorene	10.428	166	319368	21.603	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	76361	21.321	ng	99
60) Diethylphthalate	10.304	149	322903	20.863	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	154670	22.120	ng	96
62) 4-Nitroaniline	10.433	138	57834	19.052	ng	94
63) Azobenzene	10.581	77	332971	20.800	ng	97
65) 4,6-Dinitro-2-methylph...	10.463	198	14648	19.096	ng	96
66) n-Nitrosodiphenylamine	10.539	169	285333	21.627	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	90333	21.527	ng	92
68) Hexachlorobenzene	10.969	284	94794	21.528	ng	# 89
69) Atrazine	11.063	200	72791	21.558	ng	98
70) Pentachlorophenol	11.163	266	52434	20.981	ng	97
71) Phenanthrene	11.392	178	453479	21.888	ng	99
72) Anthracene	11.439	178	454924	21.524	ng	99
73) Carbazole	11.592	167	429583	21.454	ng	100
74) Di-n-butylphthalate	11.933	149	467512	21.761	ng	99
75) Fluoranthene	12.575	202	478748	21.461	ng	99
77) Benzidine	12.704	184	143029	20.731	ng	98
78) Pyrene	12.810	202	491360	20.820	ng	99
80) Butylbenzylphthalate	13.433	149	158639	19.993	ng	94
81) Benzo(a)anthracene	13.998	228	428275	21.790	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	125398	22.482	ng	98
83) Chrysene	14.033	228	423678	21.229	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	233090	21.883	ng	98
85) Di-n-octyl phthalate	14.616	149	388233	20.035	ng	99
87) Indeno(1,2,3-cd)pyrene	16.915	276	449424	20.496	ng	99
88) Benzo(b)fluoranthene	15.039	252	432352	21.488	ng	99
89) Benzo(k)fluoranthene	15.068	252	401524	20.535	ng	99
90) Benzo(a)pyrene	15.404	252	397042	20.944	ng	98
91) Dibenzo(a,h)anthracene	16.939	278	370129	20.725	ng	98
92) Benzo(g,h,i)perylene	17.357	276	364489	20.204	ng	99

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



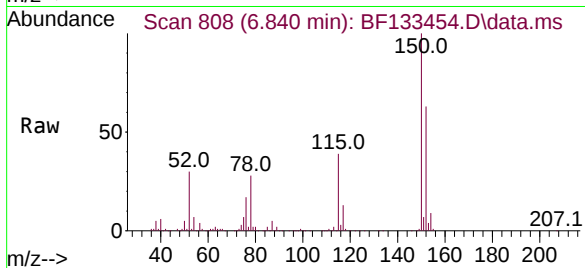
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 809
Delta R.T. -0.005 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

Instrument :

BNA_F

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SSTDICC020

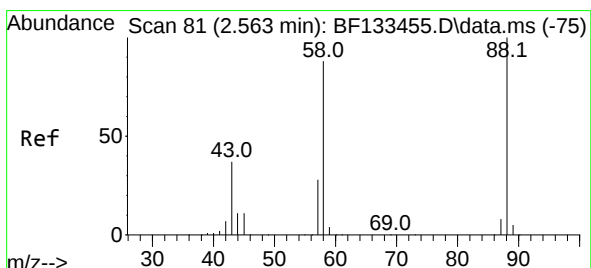
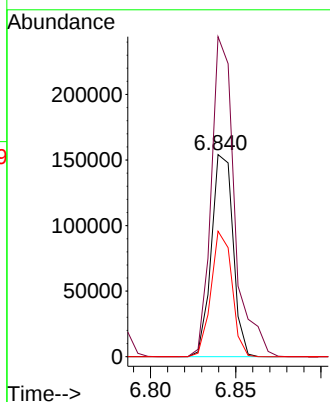
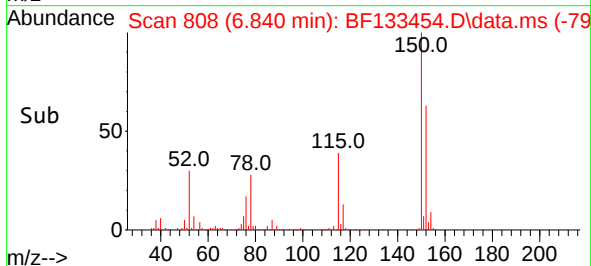


Tgt Ion:152 Resp: 136209
Ion Ratio Lower Upper
152 100
150 158.3 125.6 188.4
115 62.0 47.0 70.4

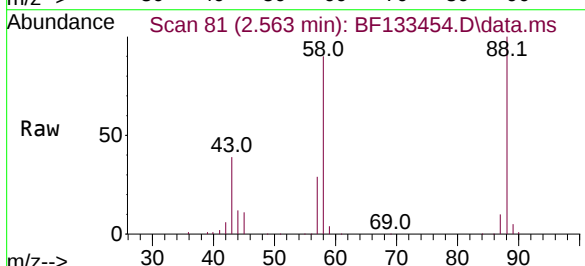
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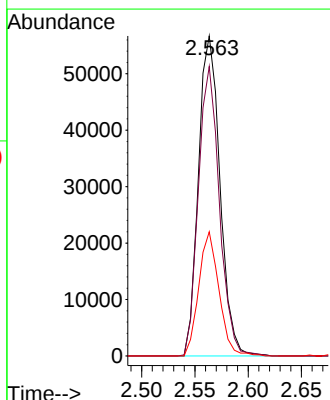
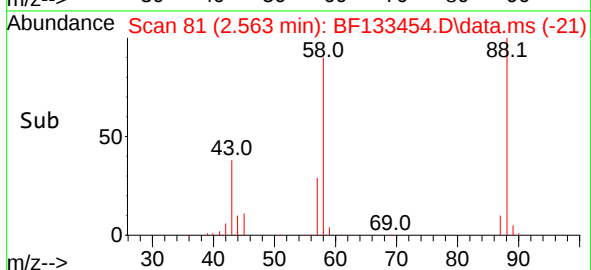
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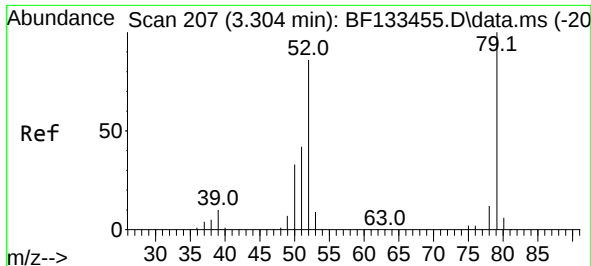


#2
1,4-Dioxane
Concen: 21.206 ng
RT: 2.563 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08



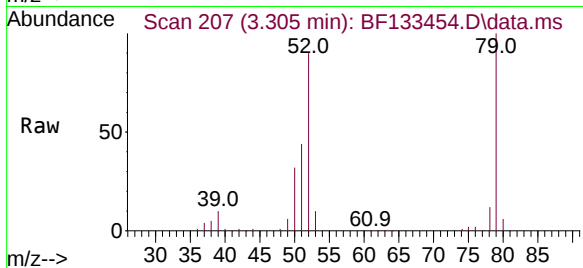
Tgt Ion: 88 Resp: 79987
Ion Ratio Lower Upper
88 100
58 88.5 69.6 104.4
43 36.4 29.0 43.4





#3
Pyridine
Concen: 21.148 ng
RT: 3.305 min Scan# 207
Delta R.T. 0.000 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

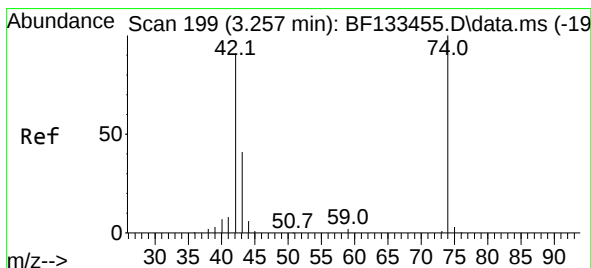
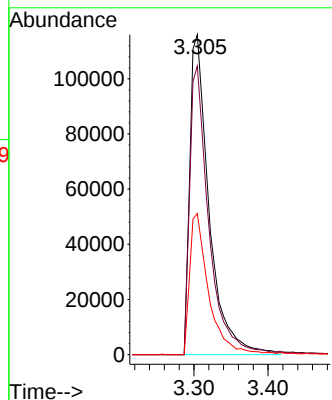
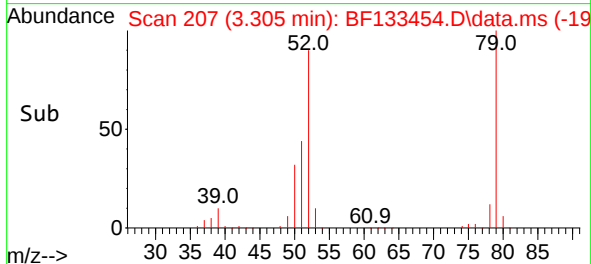
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



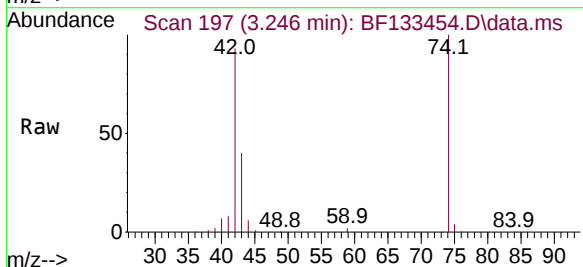
Tgt Ion: 79 Resp: 210020
Ion Ratio Lower Upper
79 100
52 90.2 68.6 103.0
51 44.1 33.8 50.6

Manual Integrations
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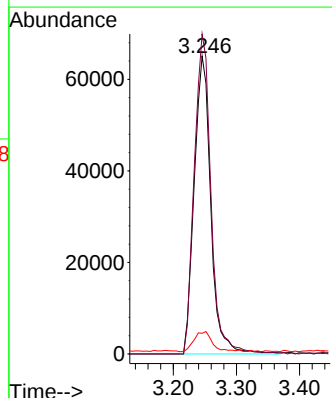
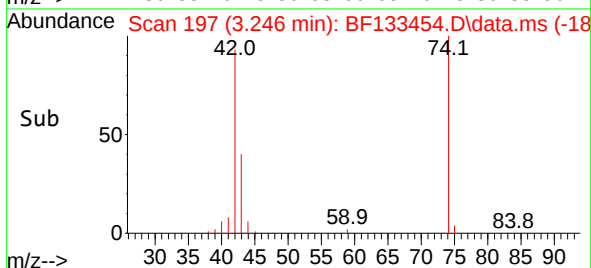
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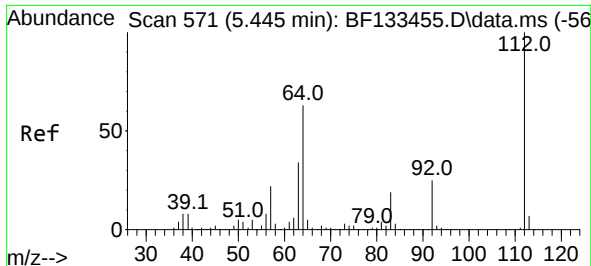


#4
n-Nitrosodimethylamine
Concen: 20.925 ng
RT: 3.246 min Scan# 197
Delta R.T. -0.012 min
Lab File: BF133454.D
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Tgt Ion: 42 Resp: 118623
Ion Ratio Lower Upper
42 100
74 107.4 88.2 132.2
44 6.9 6.0 9.0





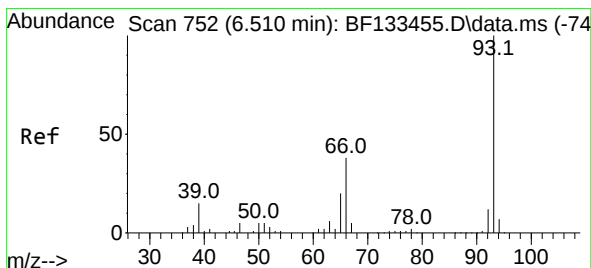
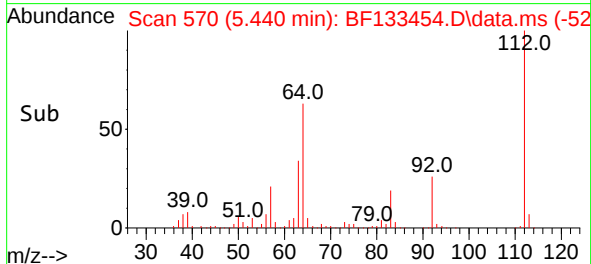
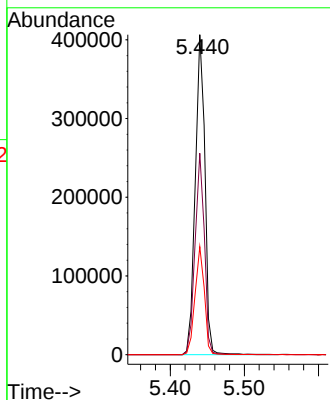
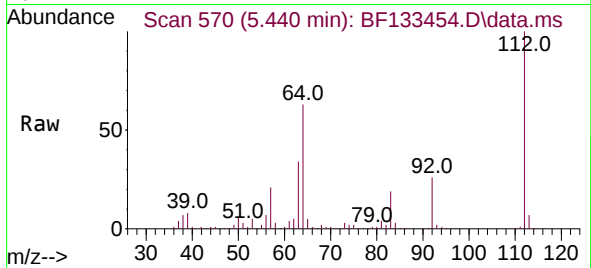
#5
2-Fluorophenol
Concen: 44.160 ng
RT: 5.440 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

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Tgt Ion:112 Resp: 367960
Ion Ratio Lower Upper
112 100
64 63.0 50.2 75.4
63 33.8 27.2 40.8

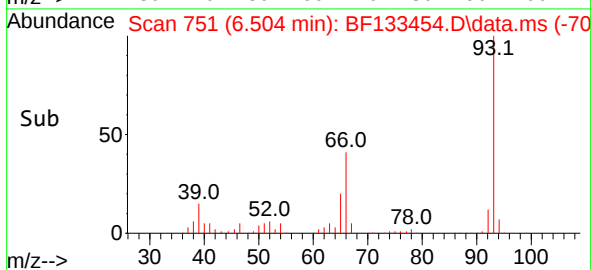
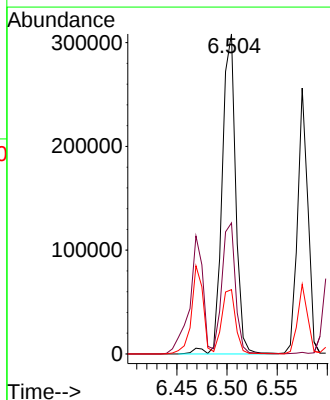
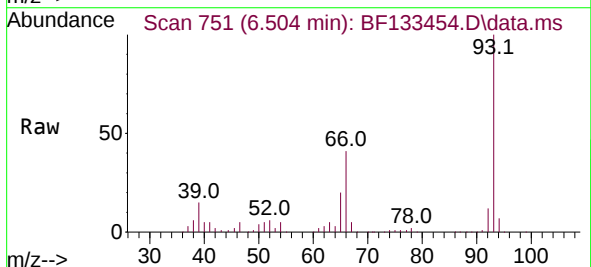
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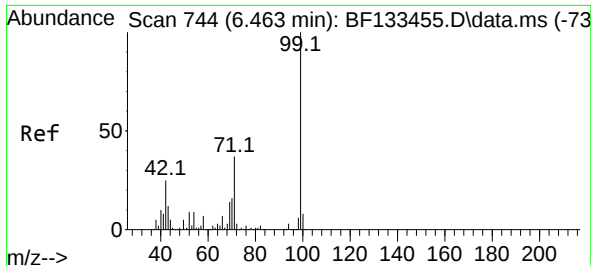
Reviewed By :Christian Giraldo 05/24/2023
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#6
Aniline
Concen: 21.207 ng m
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

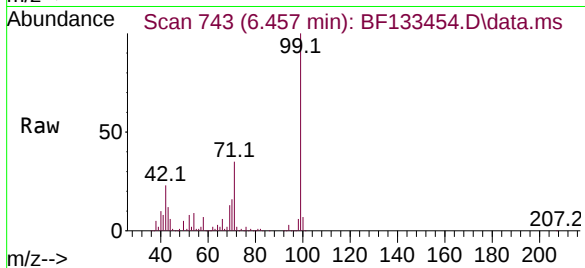
Tgt Ion: 93 Resp: 290315
Ion Ratio Lower Upper
93 100
66 40.9 32.5 48.7
65 20.1 16.4 24.6





#7
Phenol-d6
Concen: 43.107 ng
RT: 6.457 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

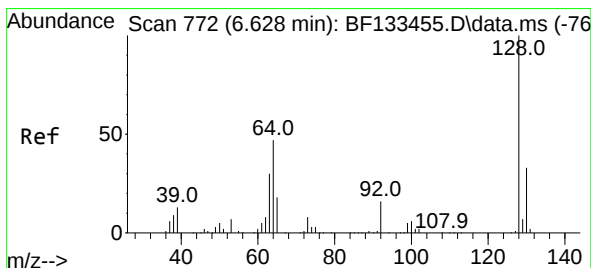
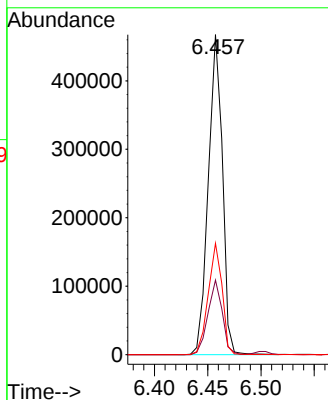
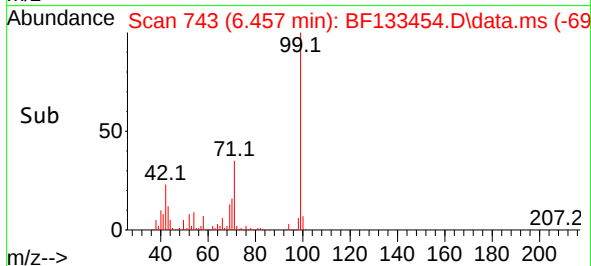
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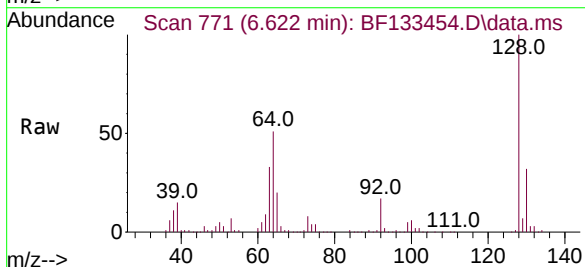
Tgt Ion: 99 Resp: 431792
Ion Ratio Lower Upper
99 100
42 23.3 19.6 29.4
71 34.8 29.5 44.3

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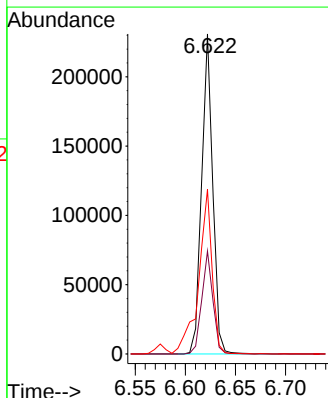
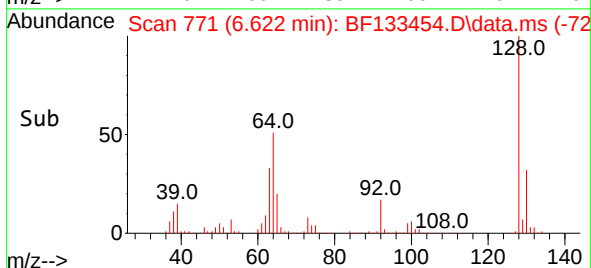
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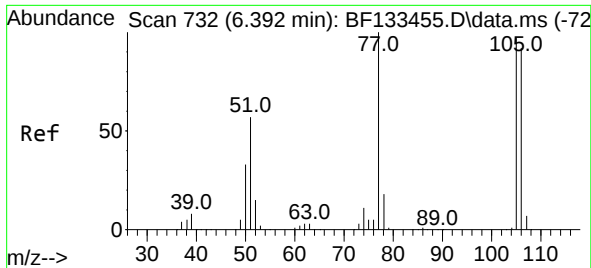


#8
2-Chlorophenol
Concen: 21.632 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08



Tgt Ion:128 Resp: 178791
Ion Ratio Lower Upper
128 100
130 32.2 12.5 52.5
64 51.4 27.8 67.8





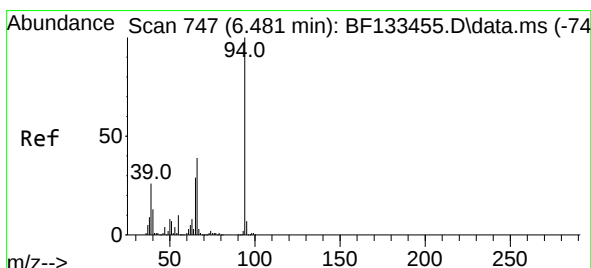
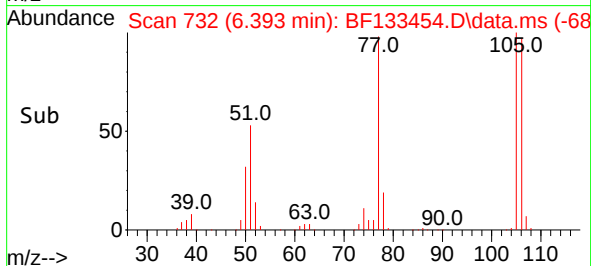
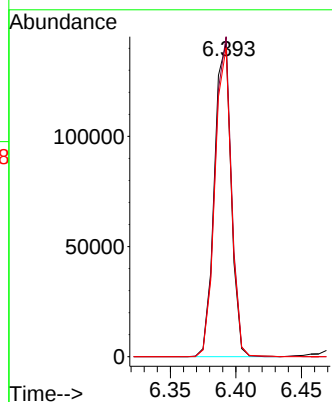
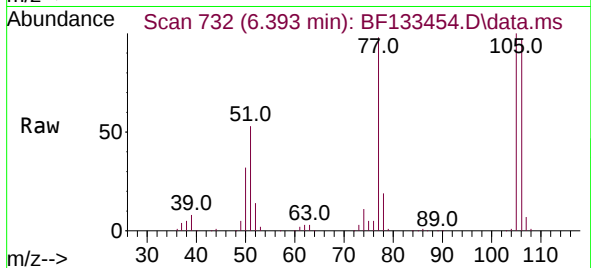
#9
Benzaldehyde
Concen: 22.444 ng
RT: 6.393 min Scan# 713
Delta R.T. 0.001 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

Instrument :
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SSTDICC020

Tgt Ion: 77 Resp: 126940
Ion Ratio Lower Upper
77 100
105 102.2 76.6 116.6
106 98.6 71.7 111.7

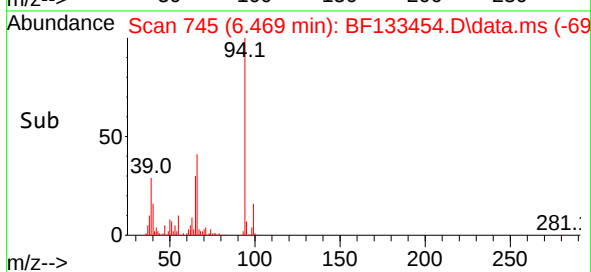
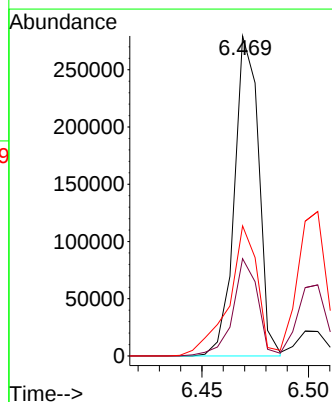
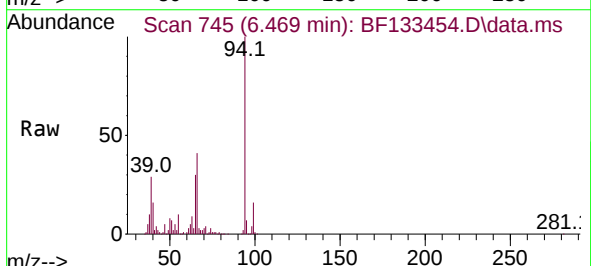
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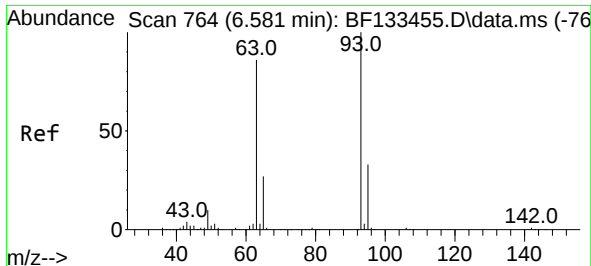
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#10
Phenol
Concen: 21.608 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

Tgt Ion: 94 Resp: 221327
Ion Ratio Lower Upper
94 100
65 30.4 9.2 49.2
66 40.7 18.7 58.7





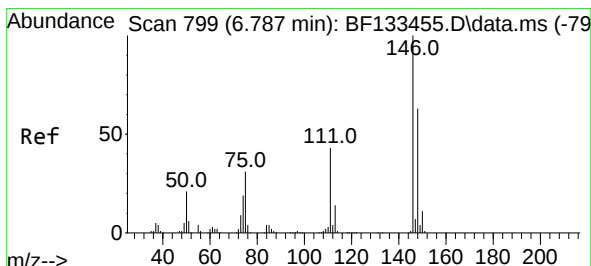
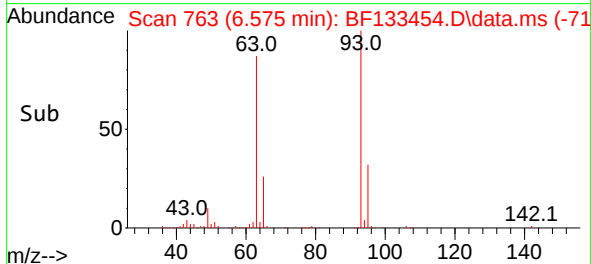
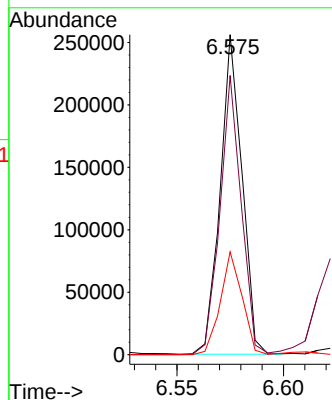
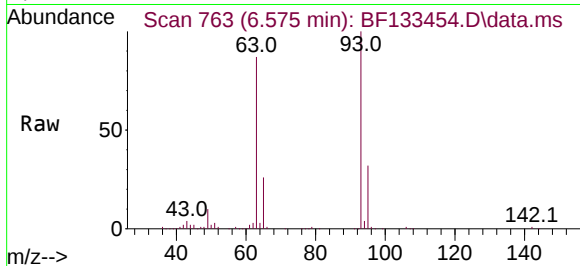
#11
bis(2-Chloroethyl)ether
Concen: 21.682 ng
RT: 6.575 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 181269
Ion Ratio Lower Upper
93 100
63 87.3 66.2 106.2
95 32.2 12.7 52.7

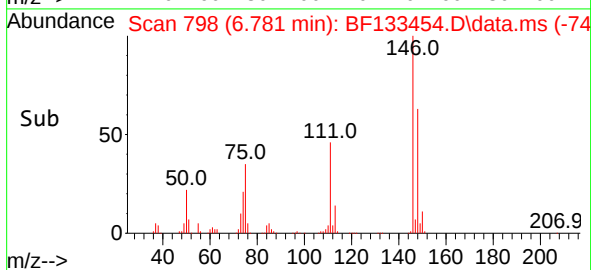
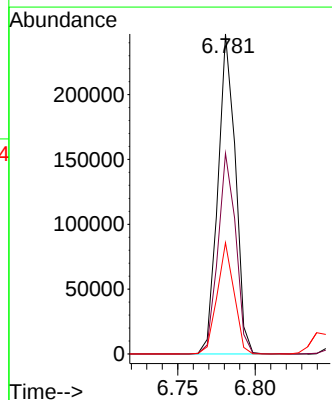
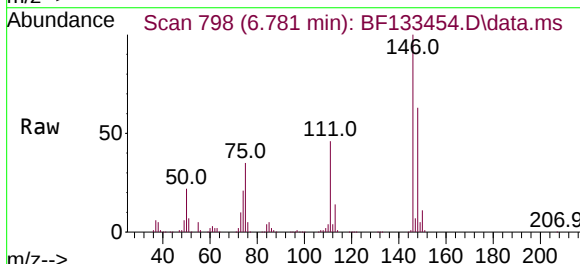
Manual Integrations
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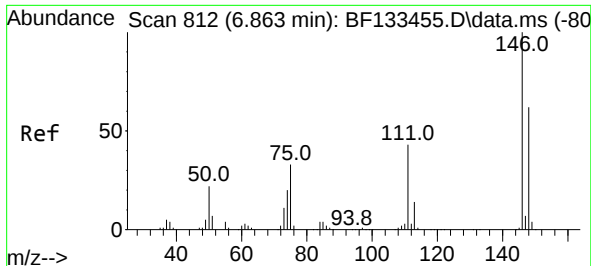
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#12
1,3-Dichlorobenzene
Concen: 21.470 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

Tgt Ion:146 Resp: 193687
Ion Ratio Lower Upper
146 100
148 62.7 50.2 75.2
75 34.8 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 21.821 ng

RT: 6.857 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF133454.D

Acq: 23 May 2023 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 197112

Ion Ratio Lower Upper

146 100

148 61.3 49.5 74.3

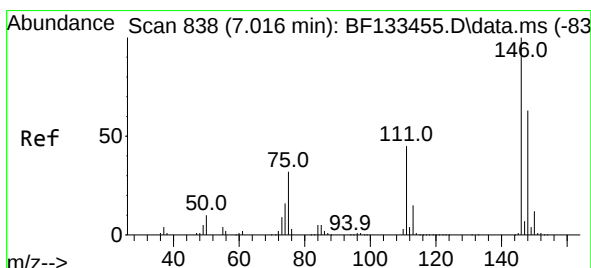
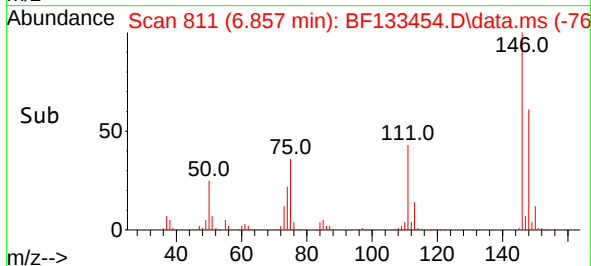
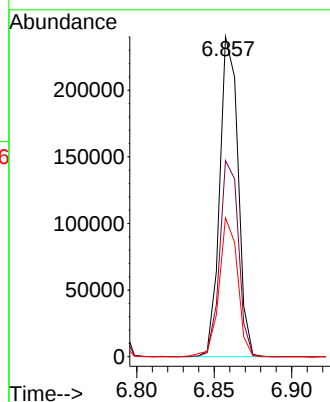
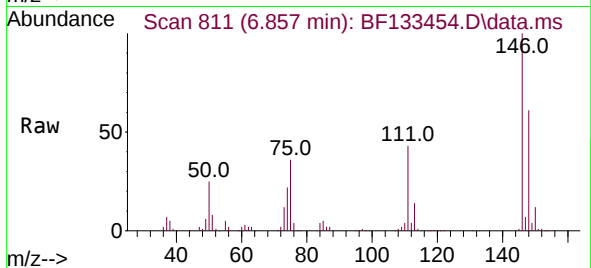
111 43.4 34.3 51.5

Manual Integrations

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Reviewed By :Christian Giraldo 05/24/2023

Supervised By :Jagrut Upadhyay 05/25/2023



#14

1,2-Dichlorobenzene

Concen: 22.288 ng

RT: 7.010 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF133454.D

Acq: 23 May 2023 13:08

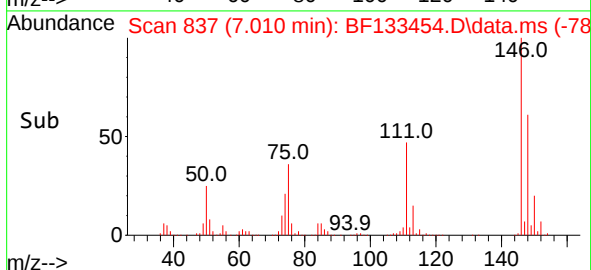
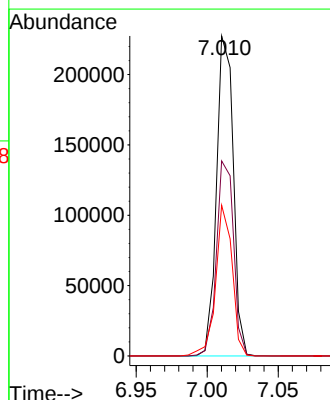
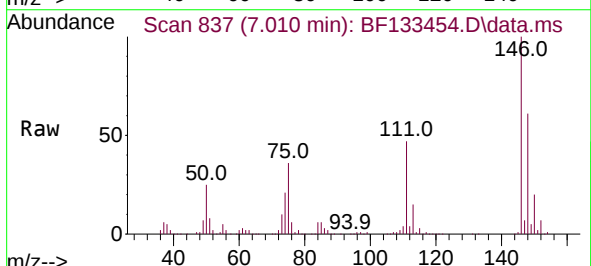
Tgt Ion:146 Resp: 185924

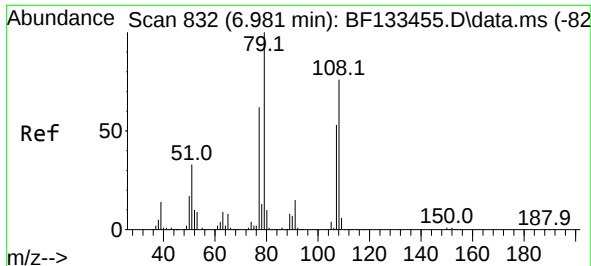
Ion Ratio Lower Upper

146 100

148 61.0 50.4 75.6

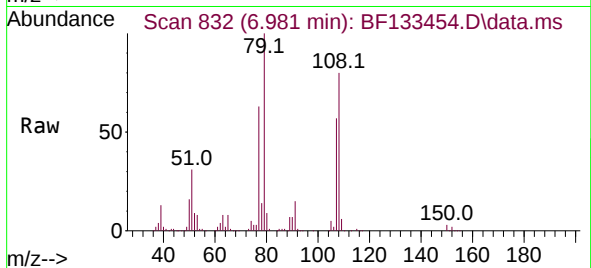
111 47.1 36.3 54.5





#15
Benzyl Alcohol
Concen: 21.353 ng
RT: 6.981 min Scan# 832
Delta R.T. 0.000 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

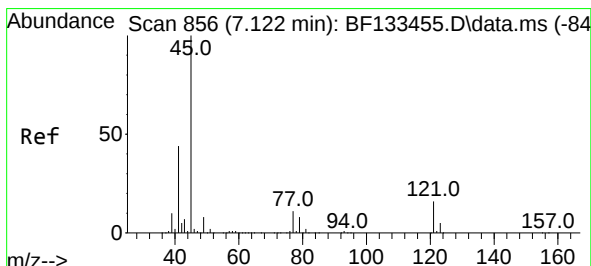
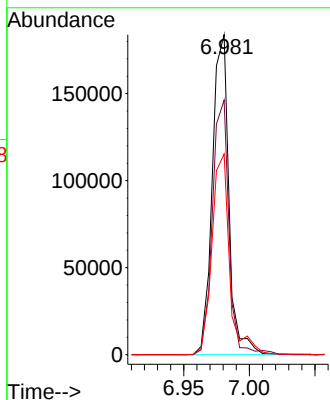
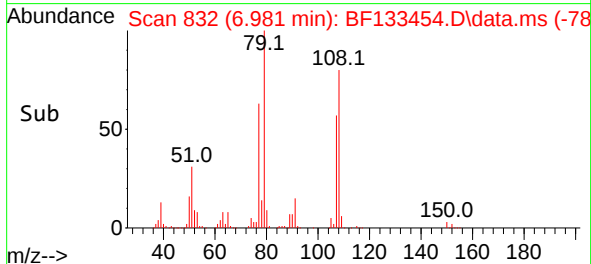
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



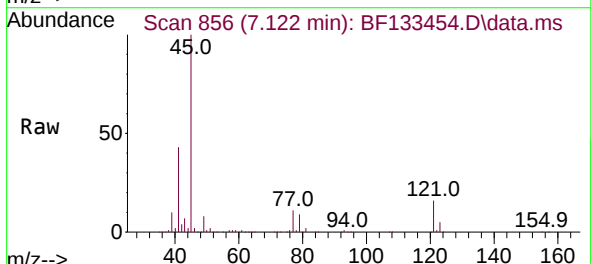
Tgt Ion: 79 Resp: 161854
Ion Ratio Lower Upper
79 100
108 79.6 60.5 90.7
77 62.7 49.9 74.9

Manual Integrations
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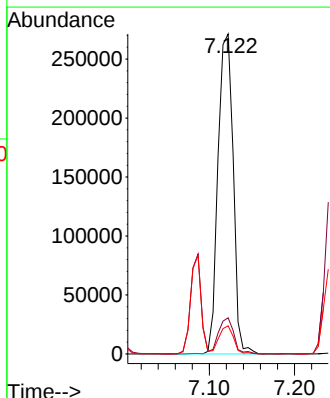
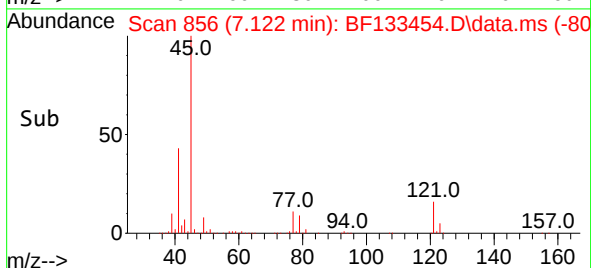
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023

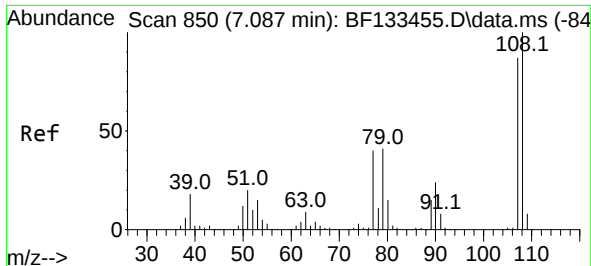


#16
2,2'-oxybis(1-Chloropropane)
Concen: 21.197 ng
RT: 7.122 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08



Tgt Ion: 45 Resp: 335332
Ion Ratio Lower Upper
45 100
77 11.3 0.0 30.9
79 8.8 0.0 28.0





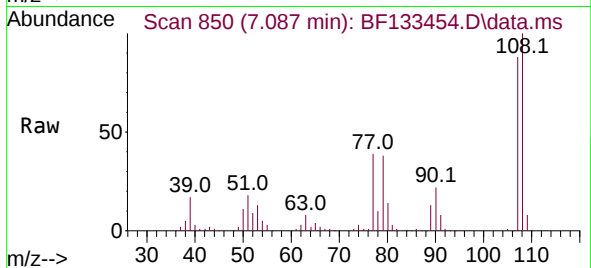
#17
2-Methylphenol
Concen: 21.383 ng
RT: 7.087 min Scan# 850
Delta R.T. 0.000 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDIC020

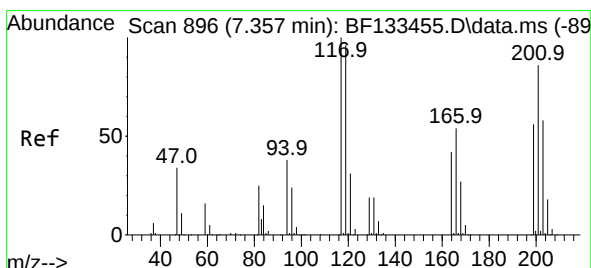
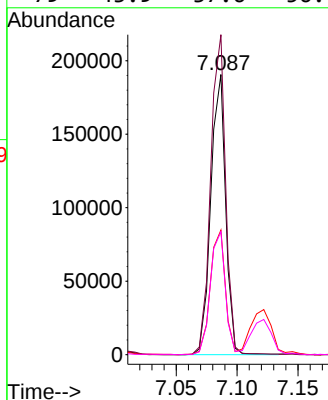
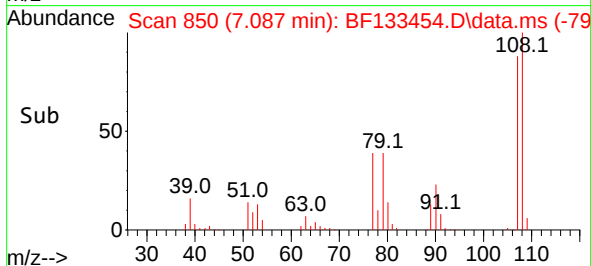


Tgt Ion:107 Resp: 161154
Ion Ratio Lower Upper
107 100
108 114.2 92.2 138.4
77 44.5 37.2 55.8
79 43.9 37.6 56.4

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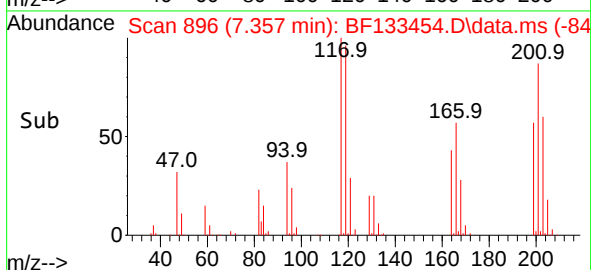
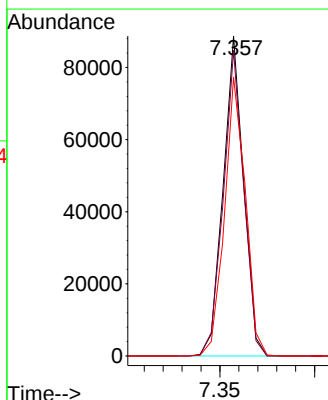
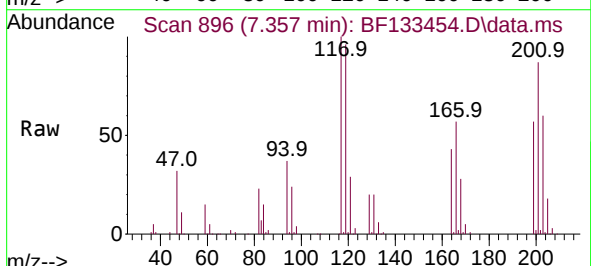
APPROVED

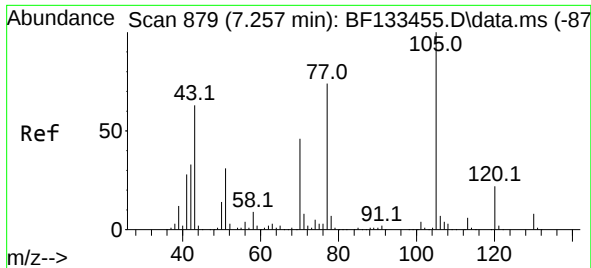
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#18
Hexachloroethane
Concen: 21.635 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

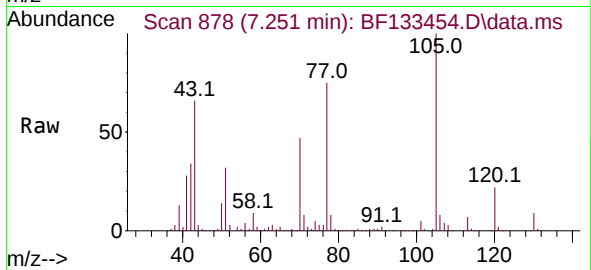
Tgt Ion:117 Resp: 66595
Ion Ratio Lower Upper
117 100
119 95.5 76.5 114.7
201 87.2 68.6 103.0





#19
n-Nitroso-di-n-propylamine
Concen: 20.113 ng
RT: 7.251 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

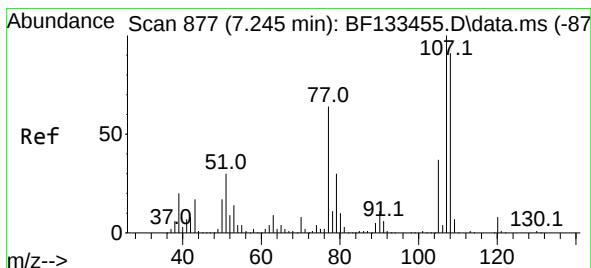
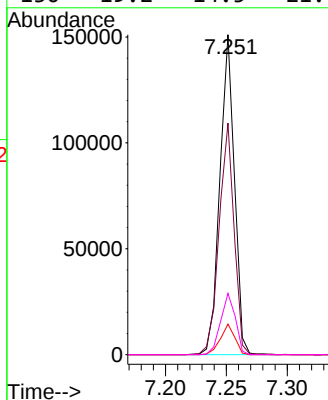
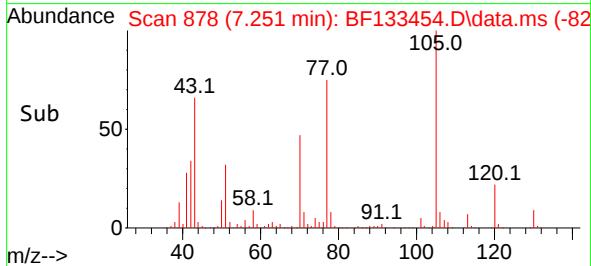
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



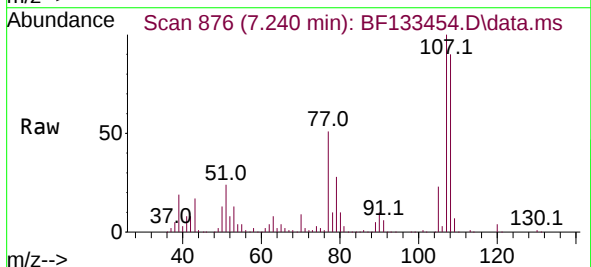
Tgt Ion: 70 Resp: 126080
Ion Ratio Lower Upper
70 100
42 72.3 57.7 86.5
101 9.5 7.6 11.4
130 19.2 14.5 21.7

Manual Integrations
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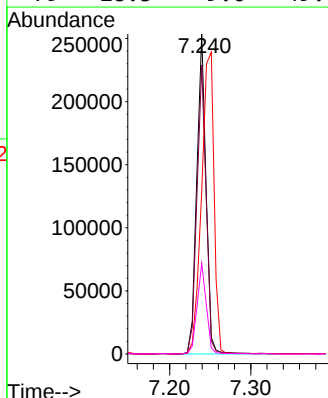
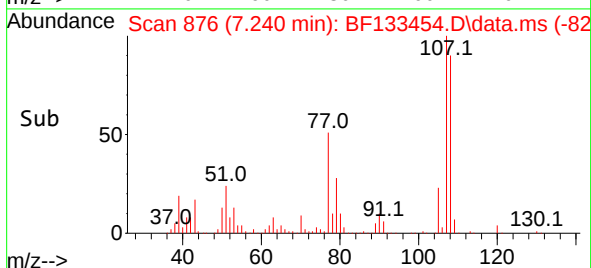
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023

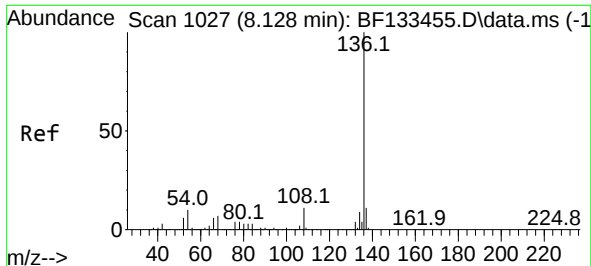


#20
3+4-Methylphenols
Concen: 22.159 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08



Tgt Ion:107 Resp: 202140
Ion Ratio Lower Upper
107 100
108 90.3 71.5 111.5
77 50.8 44.0 84.0
79 28.3 9.6 49.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

Instrument :

BNA_F

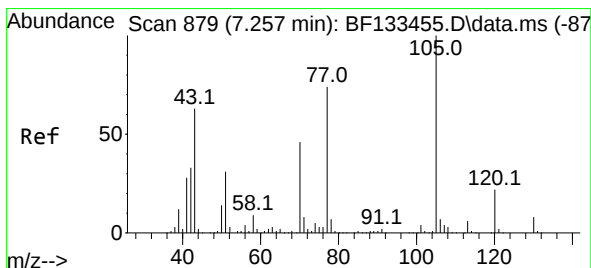
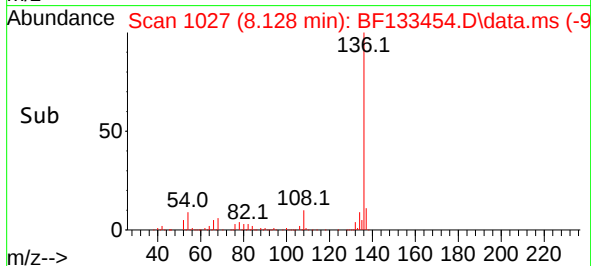
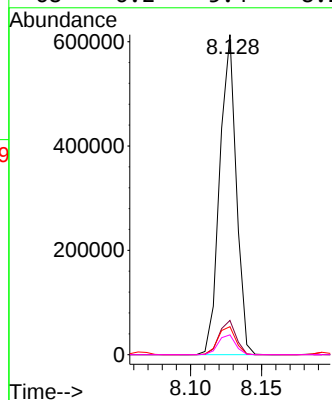
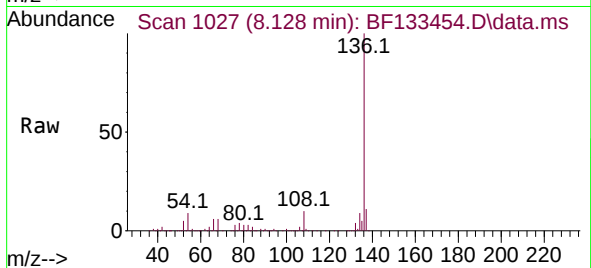
ClientSampleId :

SSTDICC020

Tgt Ion:136 Resp: 49513
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.8 8.0 12.0
68 6.2 5.4 8.2

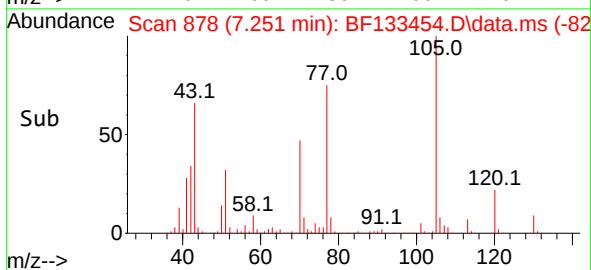
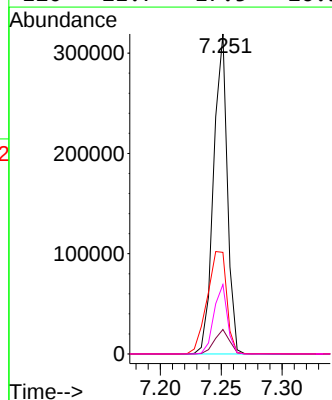
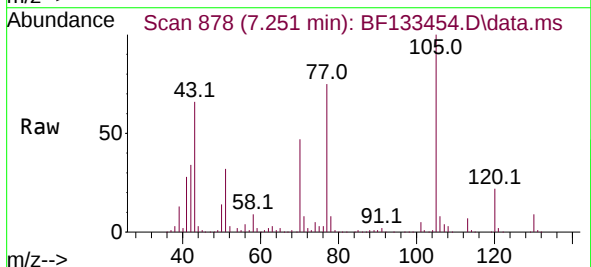
Manual Integrations
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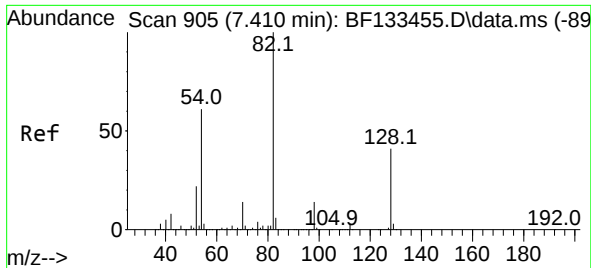
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#22
Acetophenone
Concen: 21.637 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

Tgt Ion:105 Resp: 251399
Ion Ratio Lower Upper
105 100
71 7.6 6.2 9.4
51 31.8 24.6 36.8
120 21.7 17.5 26.3





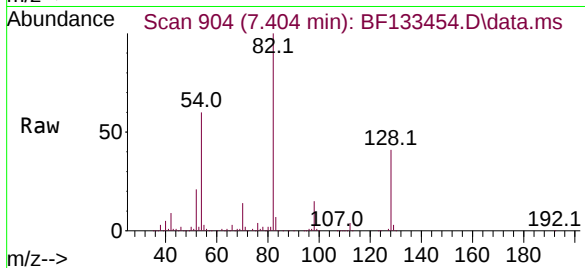
#23
Nitrobenzene-d5
Concen: 40.723 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

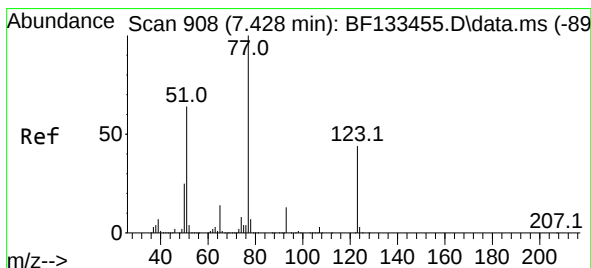
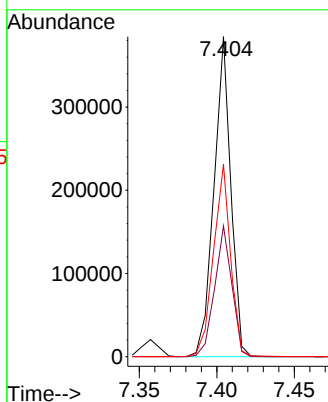
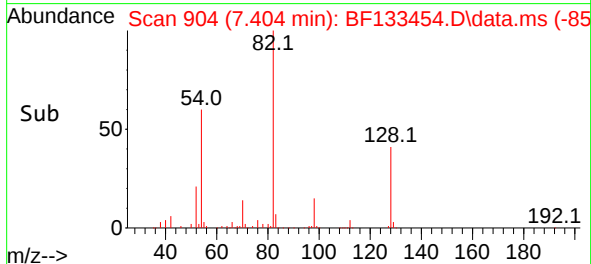


Tgt Ion: 82 Resp: 291649
Ion Ratio Lower Upper
82 100
128 40.9 33.0 49.6
54 60.2 48.5 72.7

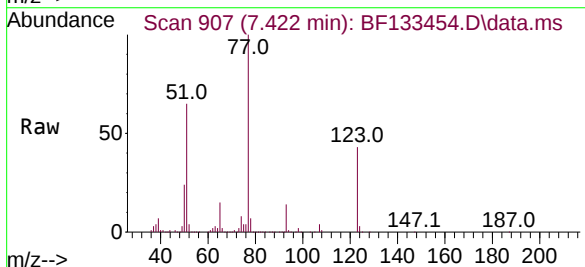
Manual Integrations

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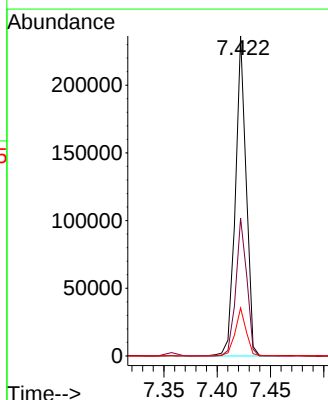
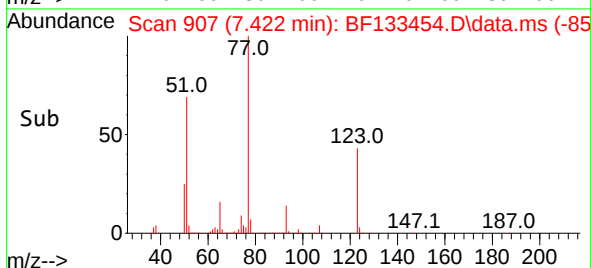
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023

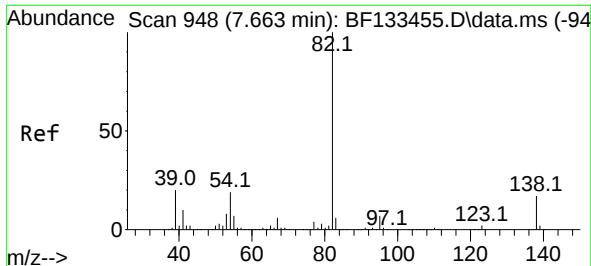


#24
Nitrobenzene
Concen: 21.092 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08



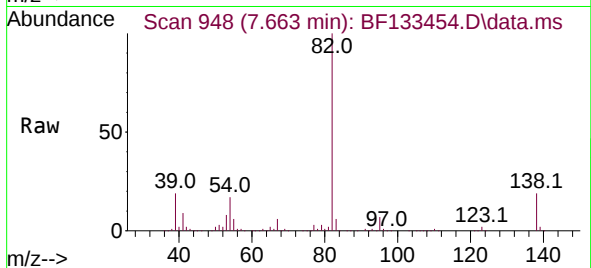
Tgt Ion: 77 Resp: 166986
Ion Ratio Lower Upper
77 100
123 43.1 35.3 52.9
65 15.0 11.5 17.3





#25
Isophorone
Concen: 20.385 ng
RT: 7.663 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

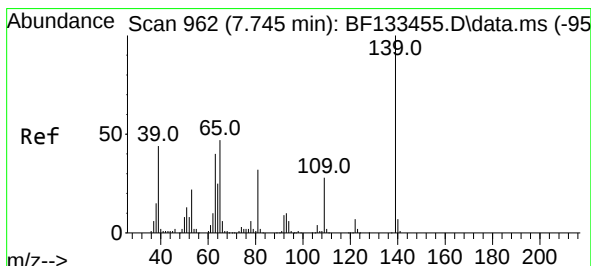
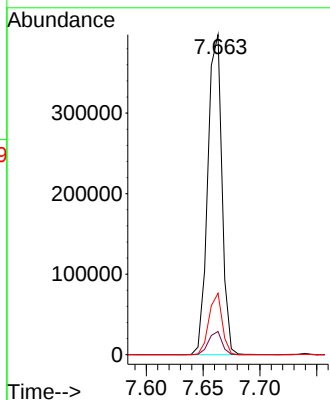
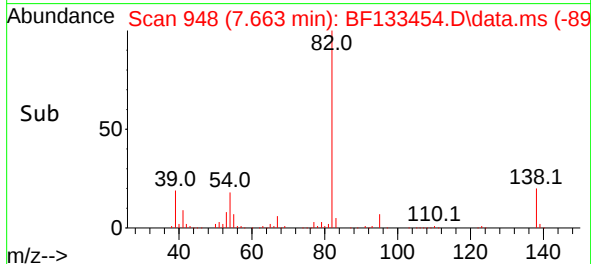
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion: 82 Resp: 343530
Ion Ratio Lower Upper
82 100
95 7.2 5.4 8.0
138 19.2 13.5 20.3

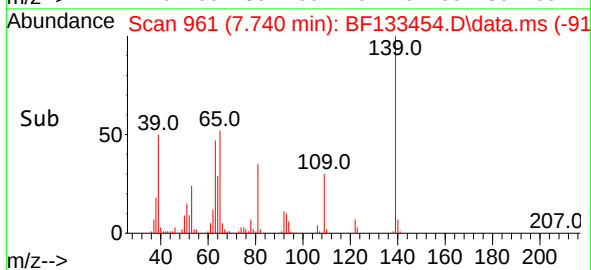
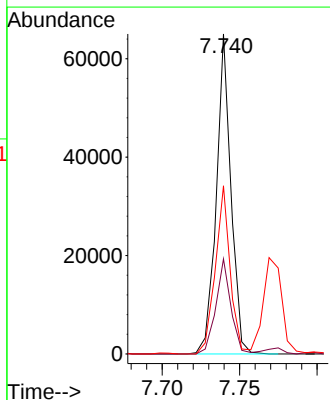
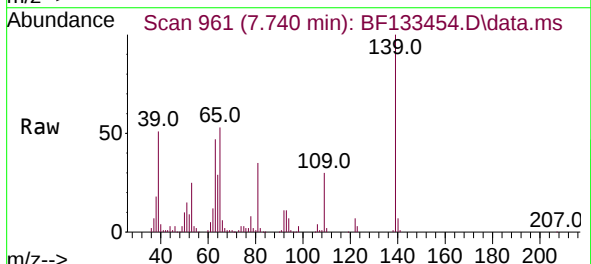
Manual Integrations
APPROVED

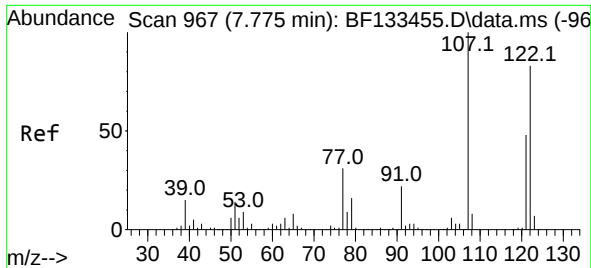
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#26
2-Nitrophenol
Concen: 17.931 ng
RT: 7.740 min Scan# 961
Delta R.T. -0.005 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

Tgt Ion:139 Resp: 42663
Ion Ratio Lower Upper
139 100
109 29.7 22.3 33.5
65 52.6 37.6 56.4





#27

2,4-Dimethylphenol

Concen: 21.300 ng

RT: 7.775 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF133454.D

Acq: 23 May 2023 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:122 Resp: 15341

Ion Ratio Lower Upper

122 100

107 110.0 95.7 143.5

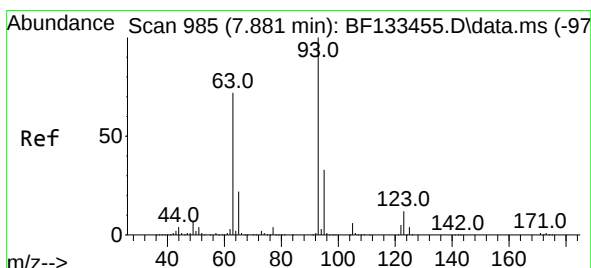
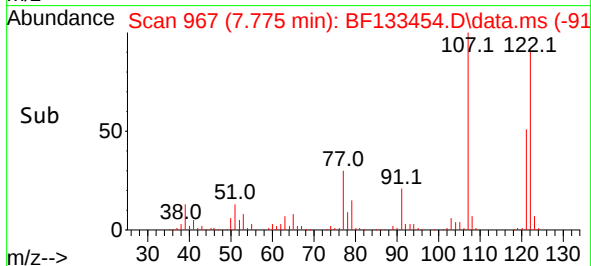
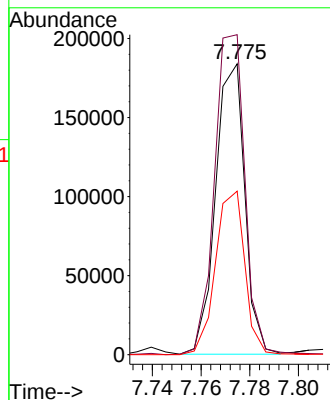
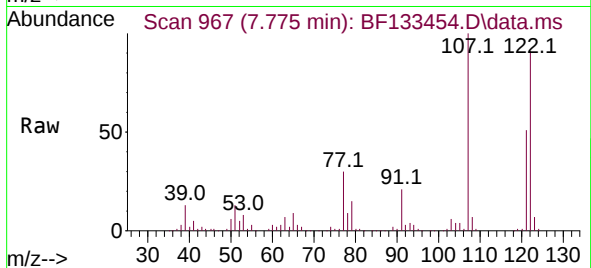
121 56.2 45.8 68.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/24/2023

Supervised By :Jagrut Upadhyay 05/25/2023



#28

bis(2-Chloroethoxy)methane

Concen: 20.936 ng

RT: 7.875 min Scan# 984

Delta R.T. -0.006 min

Lab File: BF133454.D

Acq: 23 May 2023 13:08

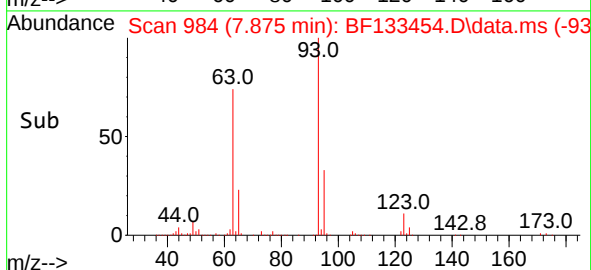
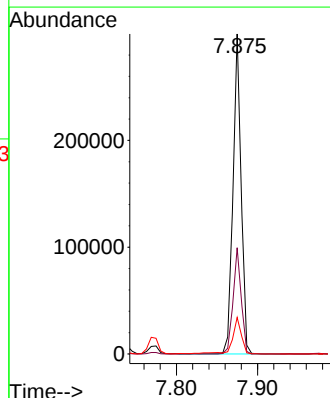
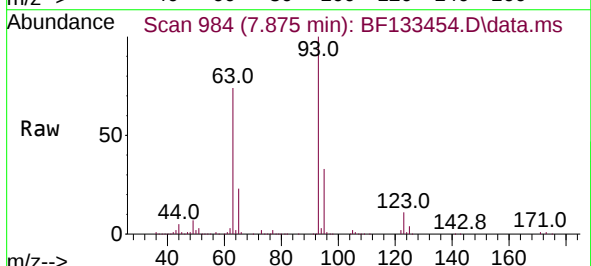
Tgt Ion: 93 Resp: 208440

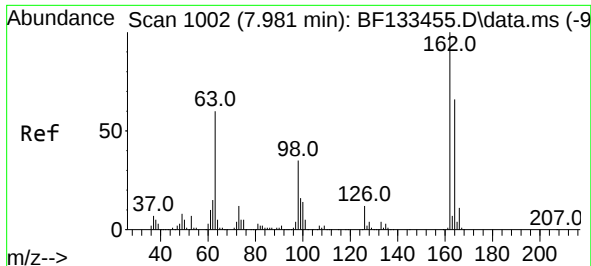
Ion Ratio Lower Upper

93 100

95 33.2 26.3 39.5

123 11.4 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 21.601 ng

RT: 7.975 min Scan# 1001

Delta R.T. -0.006 min

Lab File: BF133454.D

Acq: 23 May 2023 13:08

Instrument :

BNA_F

ClientSampleId :

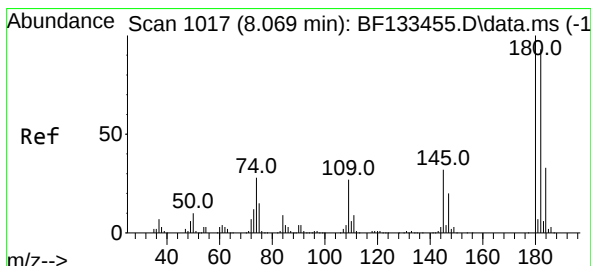
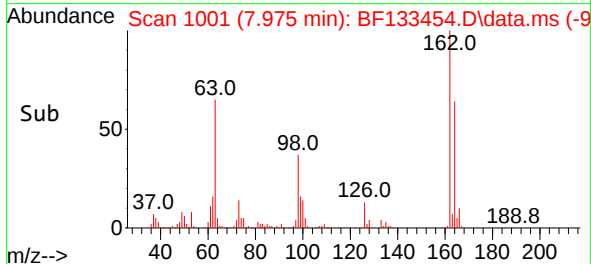
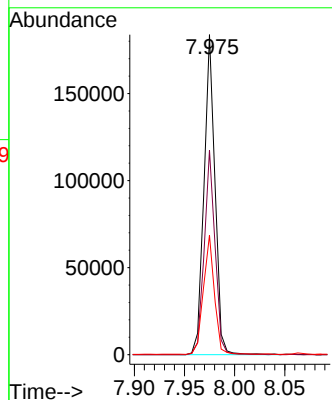
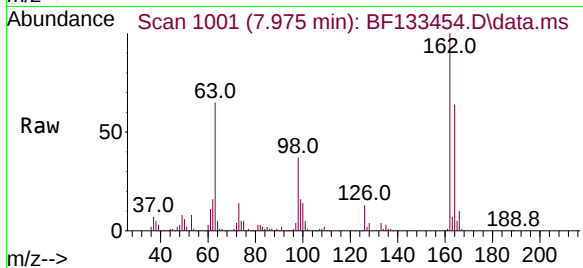
SSTDICC020

Tgt Ion:162 Resp: 141070
 Ion Ratio Lower Upper
 162 100
 164 64.0 46.0 86.0
 98 37.4 15.5 55.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/24/2023
 Supervised By :Jagrut Upadhyay 05/25/2023



#30

1,2,4-Trichlorobenzene

Concen: 21.546 ng

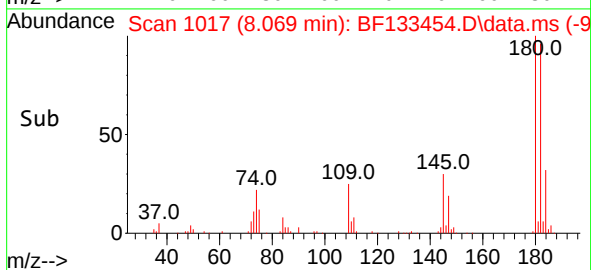
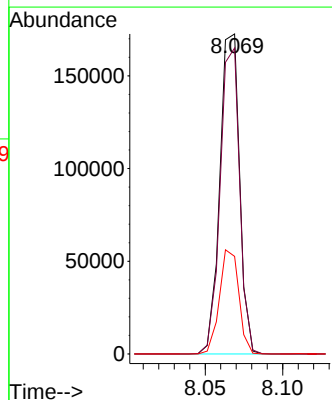
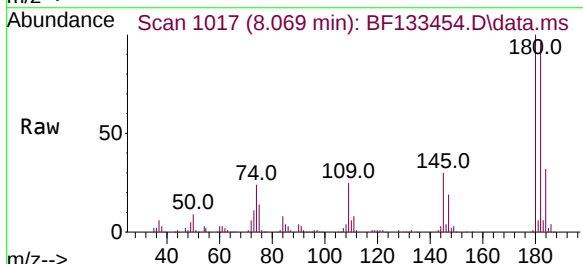
RT: 8.069 min Scan# 1017

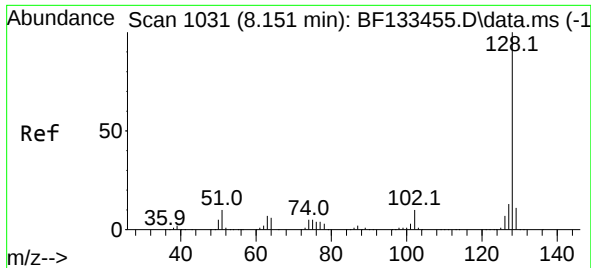
Delta R.T. 0.000 min

Lab File: BF133454.D

Acq: 23 May 2023 13:08

Tgt Ion:180 Resp: 153027
 Ion Ratio Lower Upper
 180 100
 182 95.6 74.5 111.7
 145 30.5 25.8 38.8





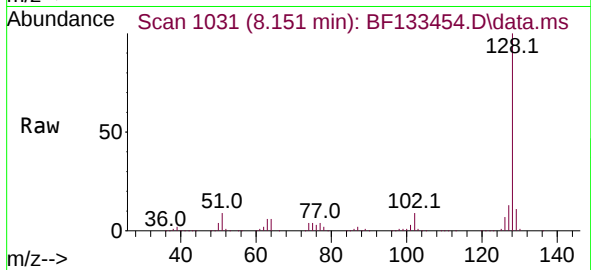
#31
Naphthalene
Concen: 21.539 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

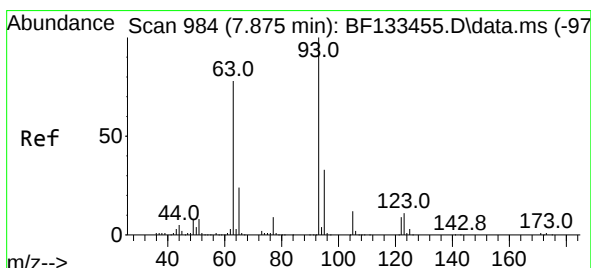
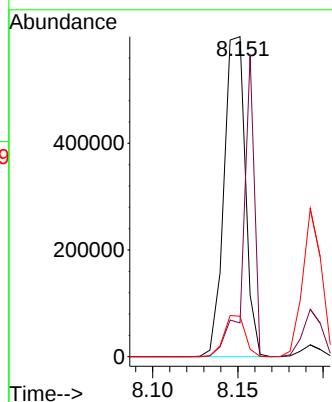
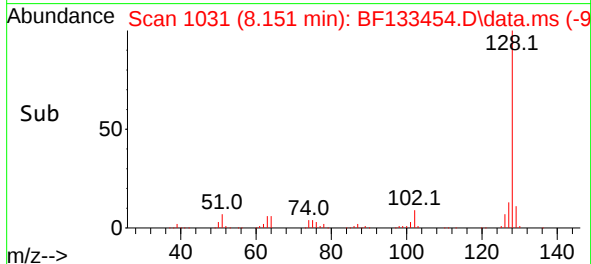


Tgt Ion:128 Resp: 52385
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 12.7 10.6 15.8

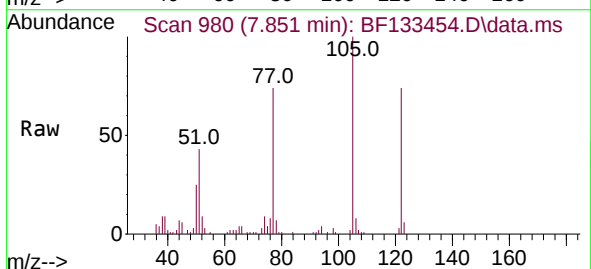
Manual Integrations

APPROVED

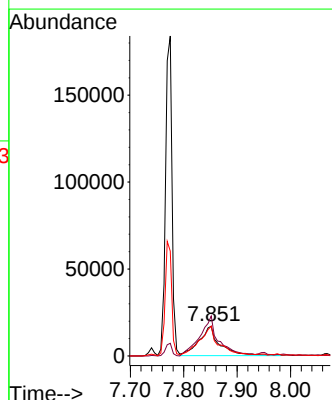
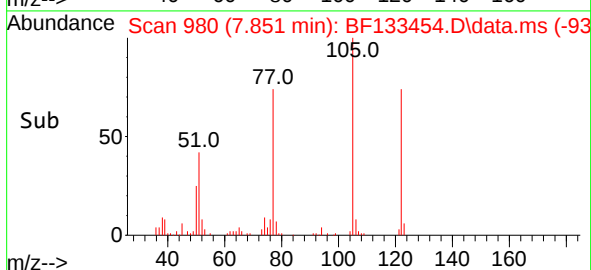
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023

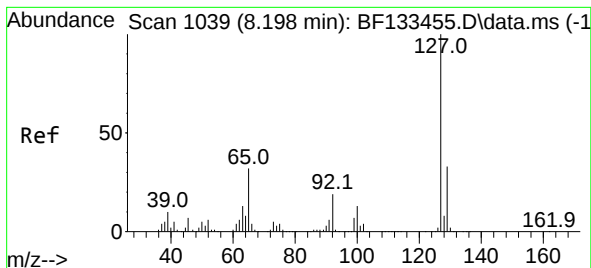


#32
Benzoic acid
Concen: 19.649 ng m
RT: 7.851 min Scan# 980
Delta R.T. -0.024 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08



Tgt Ion:122 Resp: 45548
Ion Ratio Lower Upper
122 100
105 134.3 111.2 151.2
77 99.8 82.0 122.0





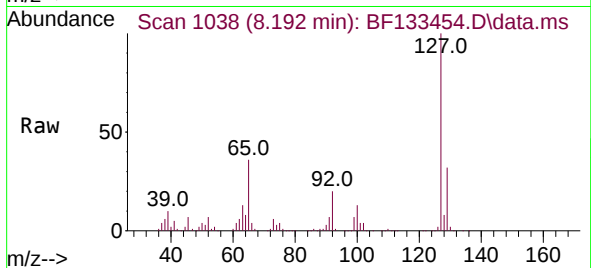
#33
4-Chloroaniline
Concen: 21.079 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

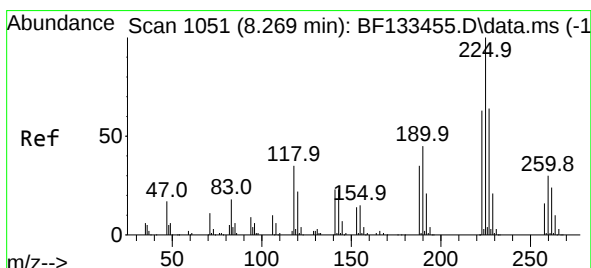
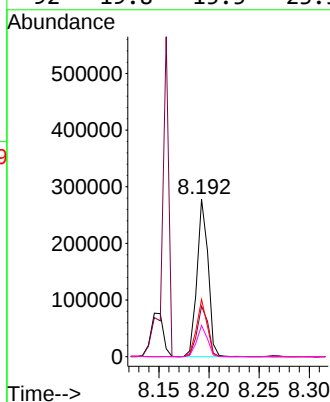
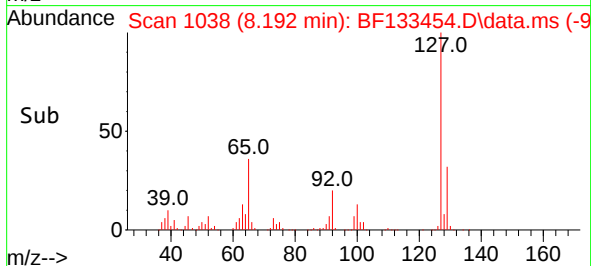


Tgt Ion:127 Resp: 21478
Ion Ratio Lower Upper
127 100
129 32.1 26.1 39.1
65 36.3 25.9 38.9
92 19.8 15.5 23.3

Manual Integrations

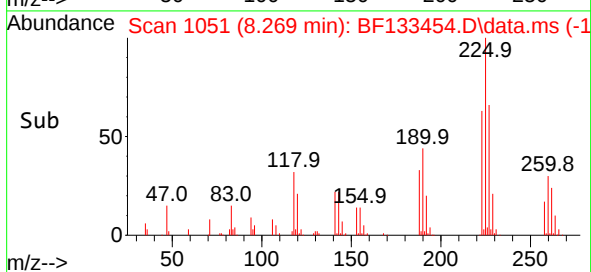
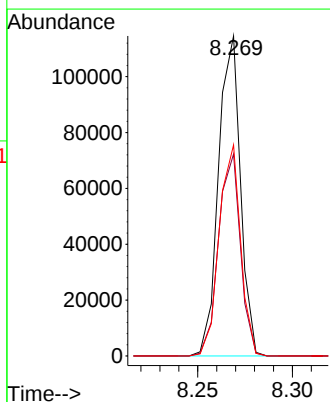
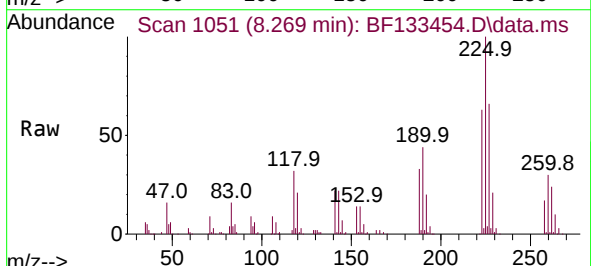
APPROVED

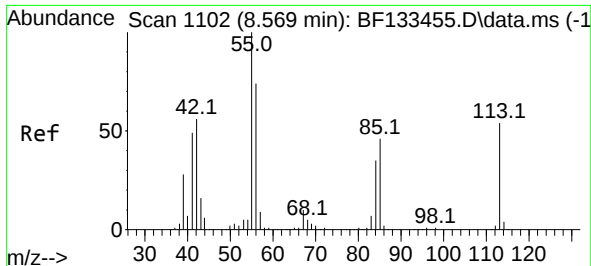
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#34
Hexachlorobutadiene
Concen: 21.341 ng
RT: 8.269 min Scan# 1051
Delta R.T. 0.000 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

Tgt Ion:225 Resp: 92120
Ion Ratio Lower Upper
225 100
223 63.1 50.7 76.1
227 66.0 51.0 76.4





#35
 Caprolactam
 Concen: 20.184 ng
 RT: 8.545 min Scan# 1102
 Delta R.T. -0.023 min
 Lab File: BF133454.D
 Acq: 23 May 2023 13:08

Instrument :

BNA_F

ClientSampleId :

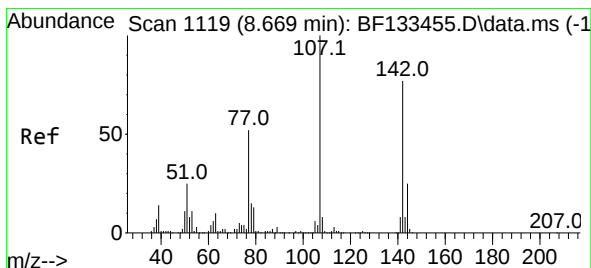
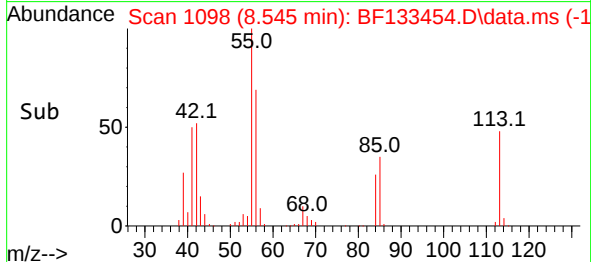
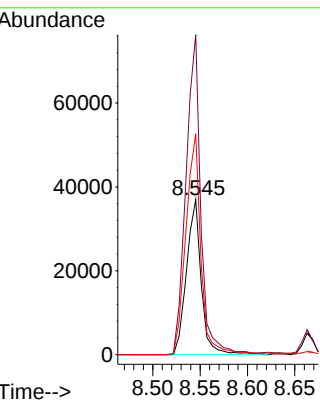
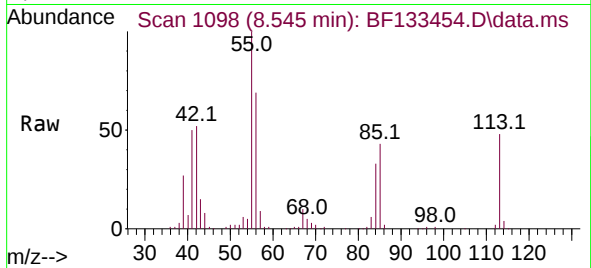
SSTDICC020

Tgt Ion:113 Resp: 40039
 Ion Ratio Lower Upper
 113 100
 55 206.5 164.2 204.2
 56 142.6 115.7 155.7

Manual Integrations

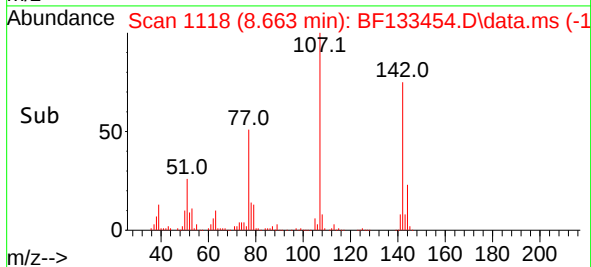
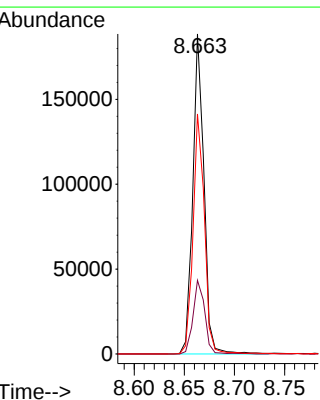
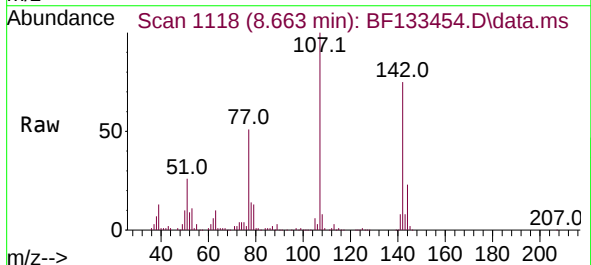
APPROVED

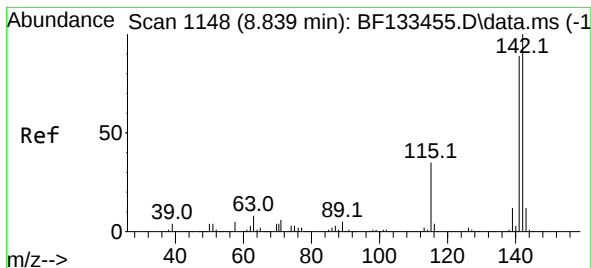
Reviewed By :Christian Giraldo 05/24/2023
 Supervised By :Jagrut Upadhyay 05/25/2023



#36
 4-Chloro-3-methylphenol
 Concen: 20.768 ng
 RT: 8.663 min Scan# 1118
 Delta R.T. -0.006 min
 Lab File: BF133454.D
 Acq: 23 May 2023 13:08

Tgt Ion:107 Resp: 146773
 Ion Ratio Lower Upper
 107 100
 144 23.0 19.8 29.6
 142 75.0 61.7 92.5





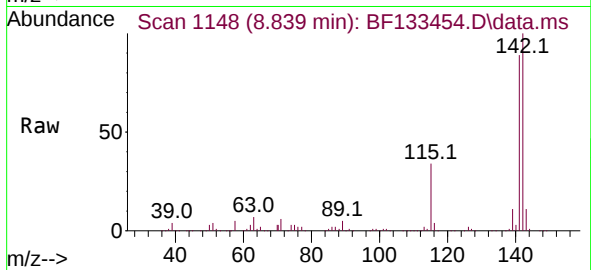
#37
2-Methylnaphthalene
Concen: 21.390 ng
RT: 8.839 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

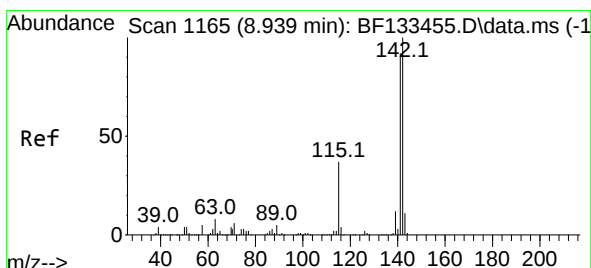
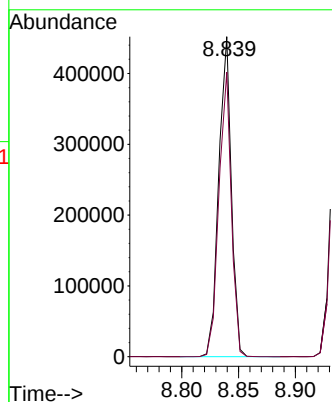
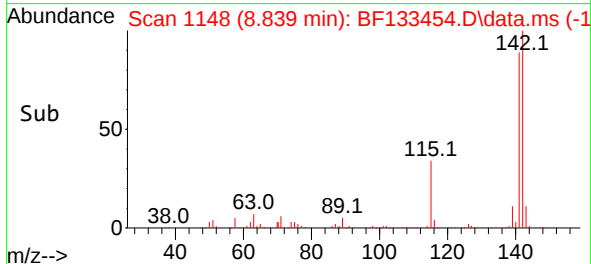


Tgt Ion:142 Resp: 348750
Ion Ratio Lower Upper
142 100
141 88.9 70.9 106.3

Manual Integrations

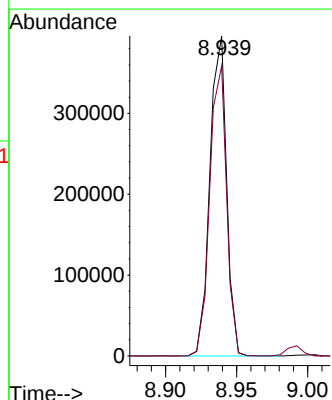
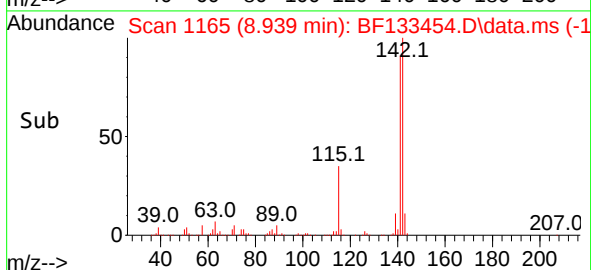
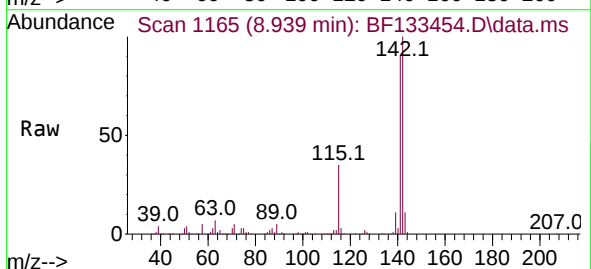
APPROVED

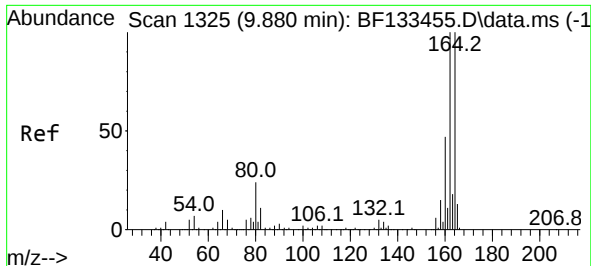
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#38
1-Methylnaphthalene
Concen: 21.274 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

Tgt Ion:142 Resp: 323212
Ion Ratio Lower Upper
142 100
141 90.6 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.881 min Scan# 1175

Delta R.T. 0.001 min

Lab File: BF133454.D

Acq: 23 May 2023 13:08

Instrument :

BNA_F

ClientSampleId :

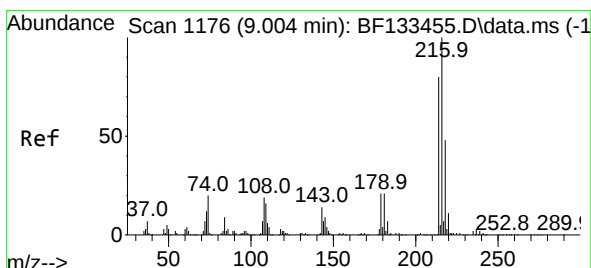
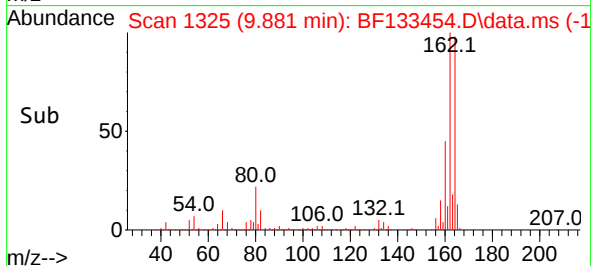
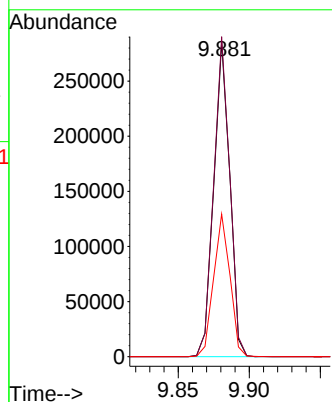
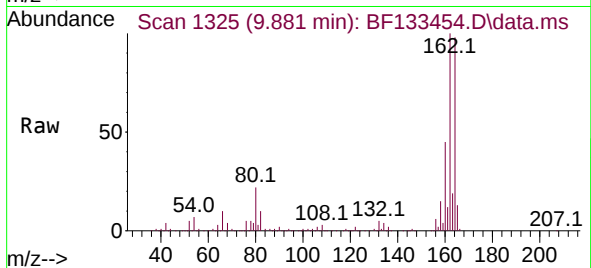
SSTDICC020

Tgt Ion:164	Resp: 22361
Ion Ratio	Lower Upper
164	100
162	101.7 79.8 119.6
160	45.3 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 21.813 ng

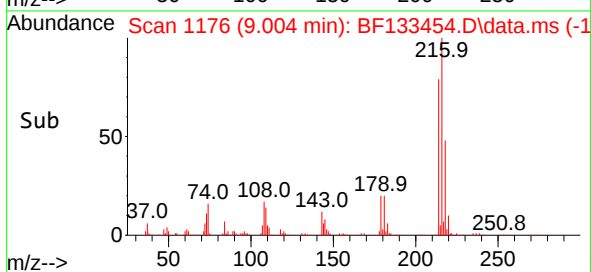
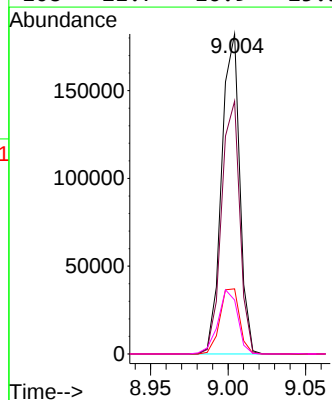
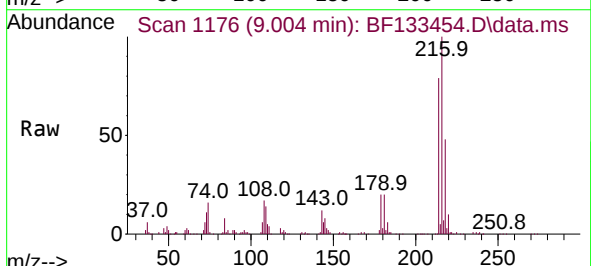
RT: 9.004 min Scan# 1176

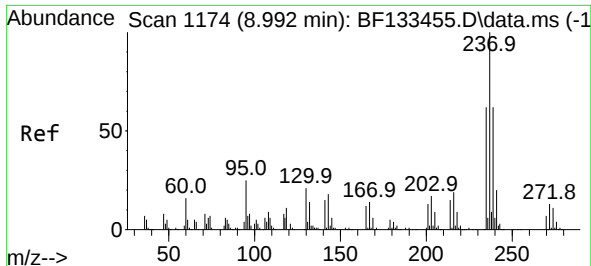
Delta R.T. 0.000 min

Lab File: BF133454.D

Acq: 23 May 2023 13:08

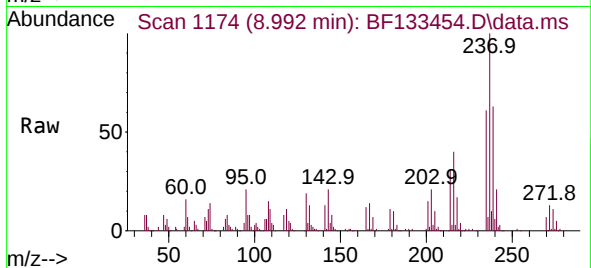
Tgt Ion:216	Resp: 148245
Ion Ratio	Lower Upper
216	100
214	79.6 64.1 96.1
179	22.1 17.4 26.2
108	21.7 16.9 25.3





#41
Hexachlorocyclopentadiene
Concen: 20.436 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

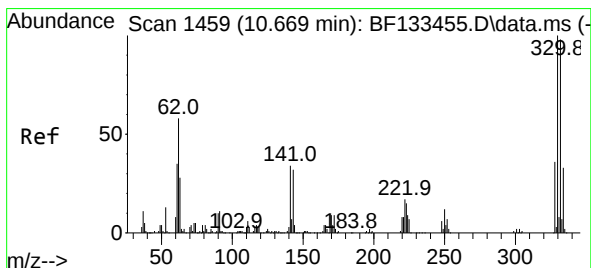
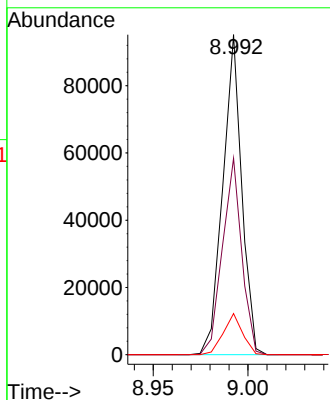
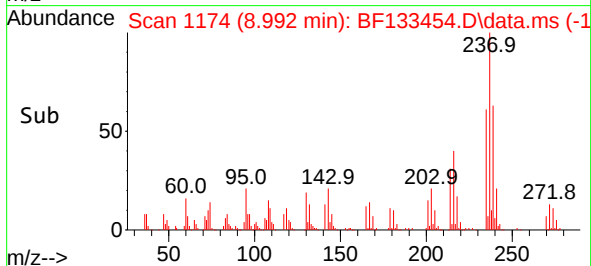
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



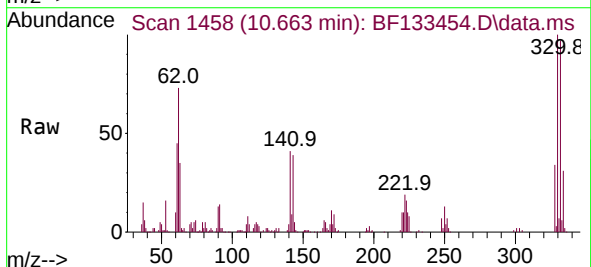
Tgt Ion:237 Resp: 66239
Ion Ratio Lower Upper
237 100
235 61.4 42.0 82.0
272 12.9 0.0 32.5

Manual Integrations
APPROVED

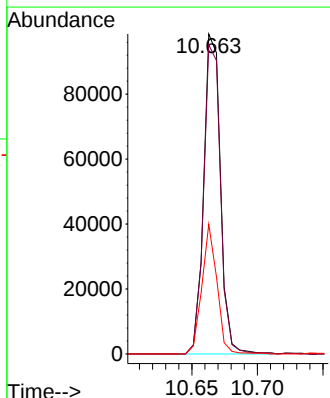
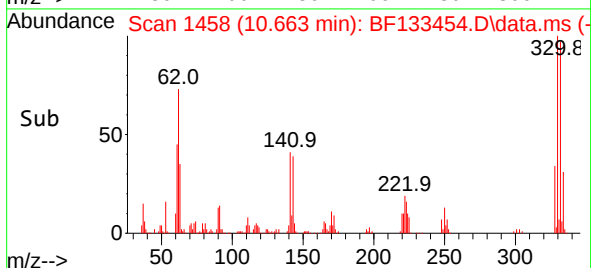
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023

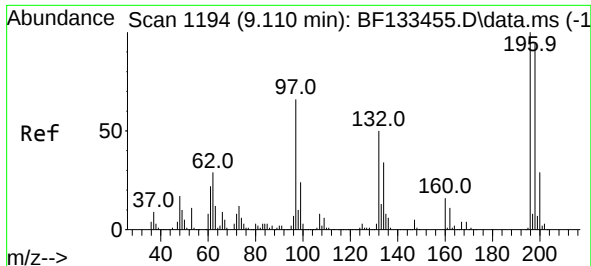


#42
2,4,6-Tribromophenol
Concen: 42.613 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08



Tgt Ion:330 Resp: 88023
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 36.2 28.5 42.7





#43

2,4,6-Trichlorophenol

Concen: 21.576 ng

RT: 9.110 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF133454.D

Acq: 23 May 2023 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

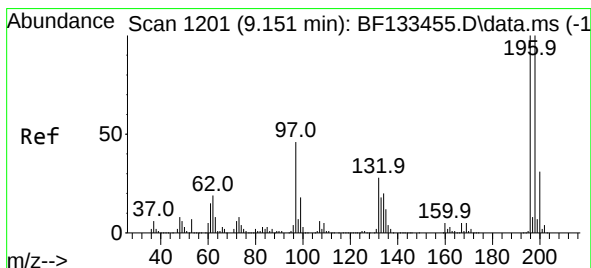
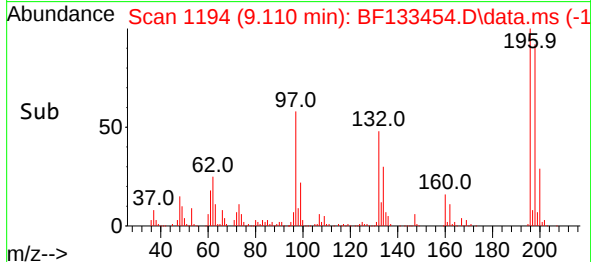
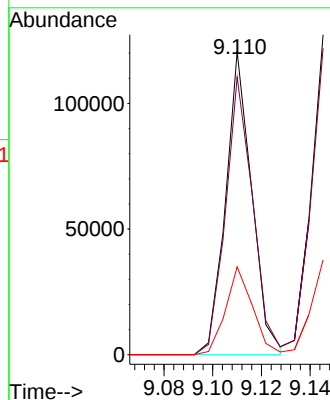
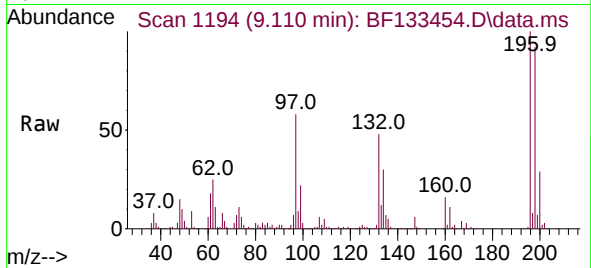
Tgt Ion:196	Resp:	9004
Ion Ratio	Lower	Upper
196	100	
198	91.5	75.4 113.0
200	29.0	23.3 34.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/24/2023

Supervised By :Jagrut Upadhyay 05/25/2023



#44

2,4,5-Trichlorophenol

Concen: 21.356 ng

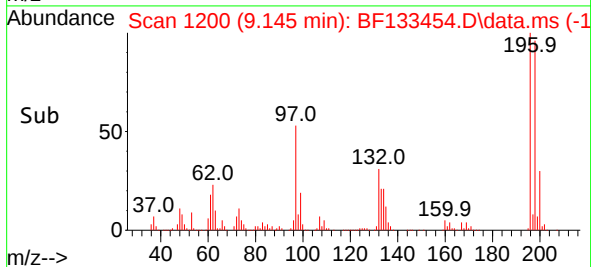
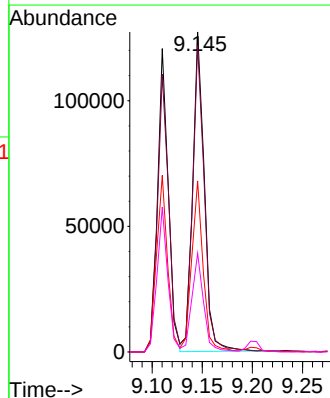
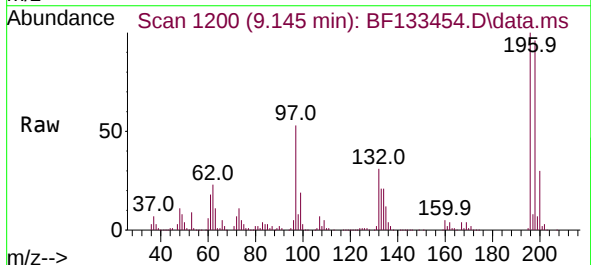
RT: 9.145 min Scan# 1200

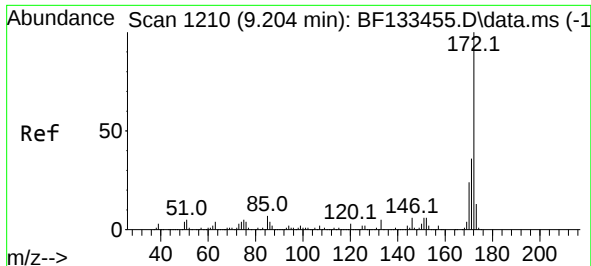
Delta R.T. -0.006 min

Lab File: BF133454.D

Acq: 23 May 2023 13:08

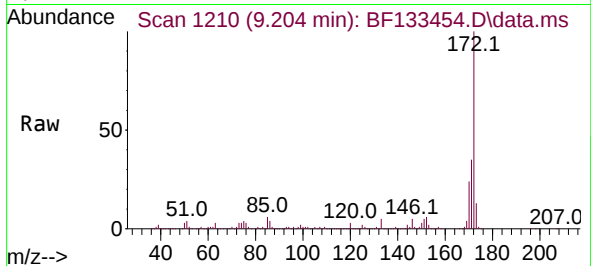
Tgt Ion:196	Resp:	103083
Ion Ratio	Lower	Upper
196	100	
198	95.7	79.3 118.9
97	53.5	37.9 56.9
132	30.9	23.1 34.7





#45
2-Fluorobiphenyl
Concen: 44.142 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

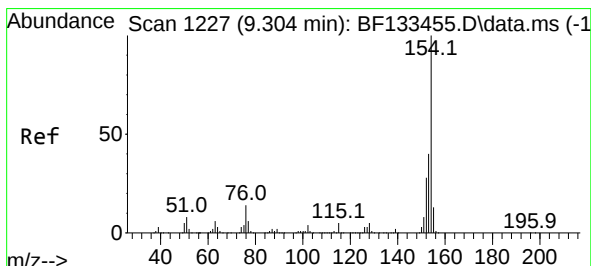
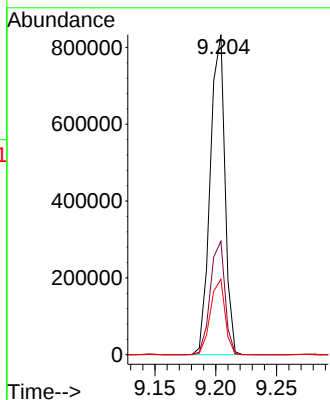
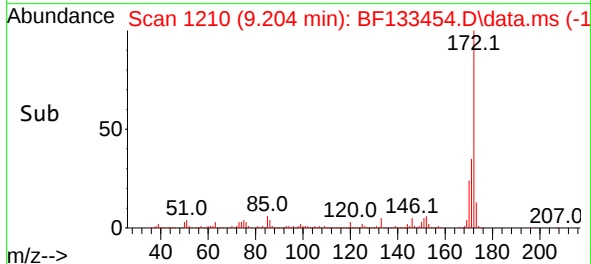
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



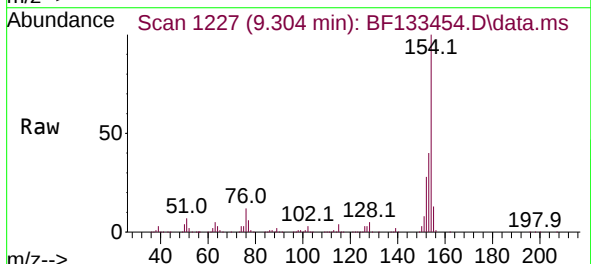
Tgt Ion:172 Resp: 701585
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.6 19.0 28.4

Manual Integrations
APPROVED

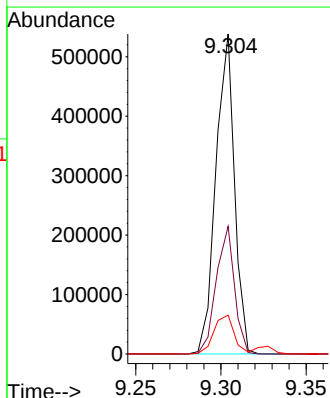
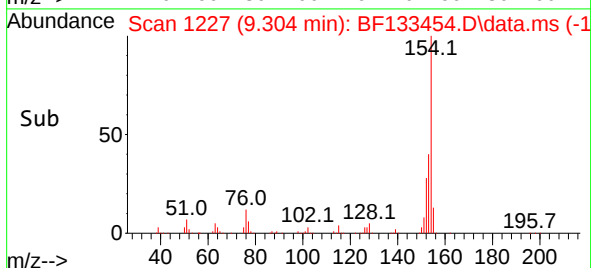
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023

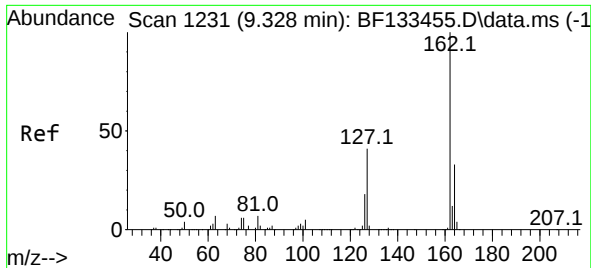


#46
1,1'-Biphenyl
Concen: 21.772 ng
RT: 9.304 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08



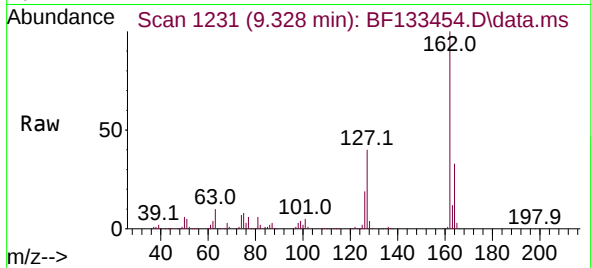
Tgt Ion:154 Resp: 408344
Ion Ratio Lower Upper
154 100
153 39.9 19.8 59.8
76 12.2 0.0 33.8





#47
2-Chloronaphthalene
Concen: 21.667 ng
RT: 9.328 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

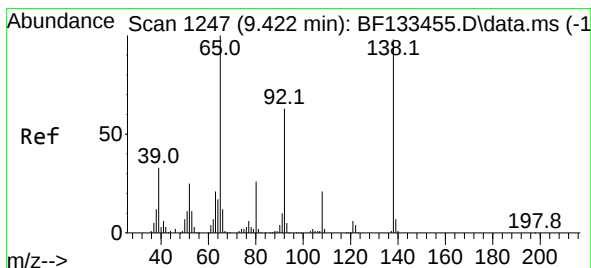
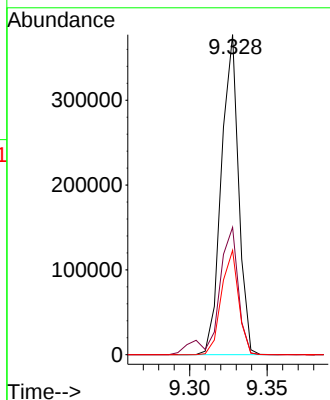
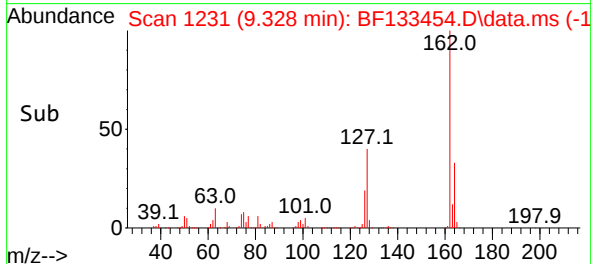
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:162 Resp: 29151
Ion Ratio Lower Upper
162 100
127 39.8 34.6 51.8
164 32.6 26.2 39.4

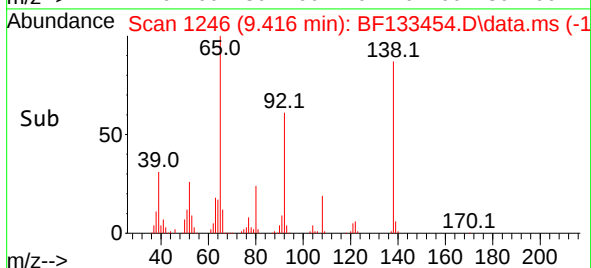
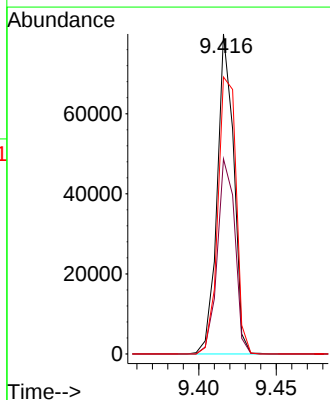
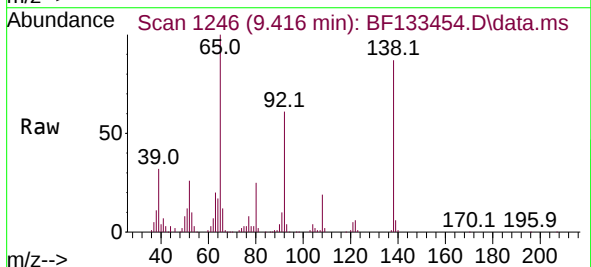
Manual Integrations
APPROVED

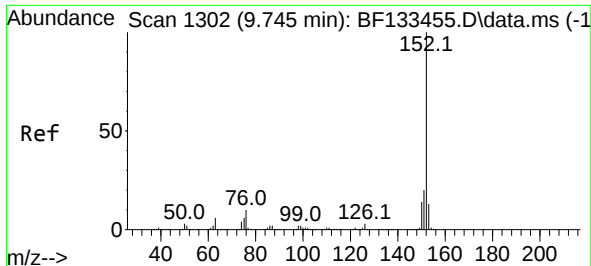
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#48
2-Nitroaniline
Concen: 18.770 ng
RT: 9.416 min Scan# 1246
Delta R.T. -0.006 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

Tgt Ion: 65 Resp: 59332
Ion Ratio Lower Upper
65 100
92 61.0 50.1 75.1
138 86.6 78.6 118.0





#49

Acenaphthylene

Concen: 21.566 ng

RT: 9.739 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133454.D

Acq: 23 May 2023 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:152 Resp: 492902

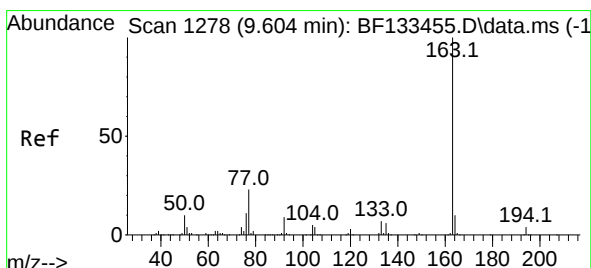
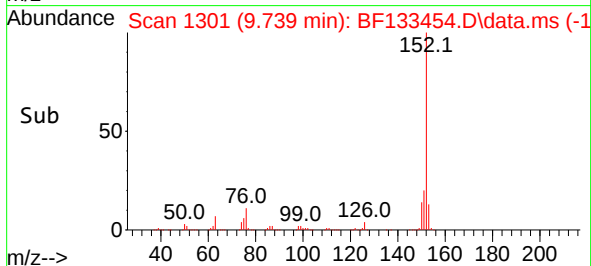
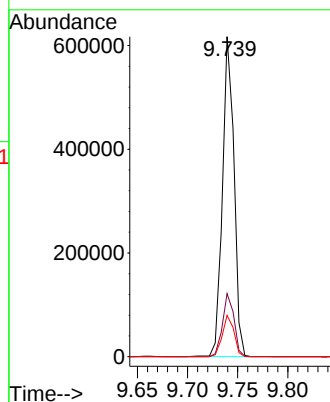
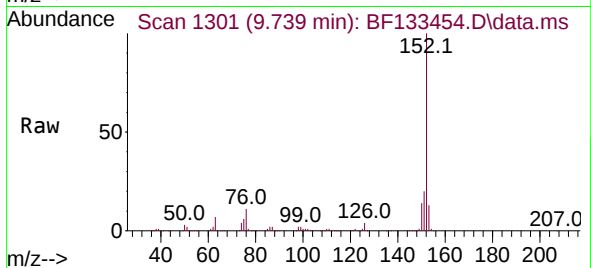
Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.0	24.0
153	12.9	10.4	15.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/24/2023

Supervised By :Jagrut Upadhyay 05/25/2023



#50

Dimethylphthalate

Concen: 21.241 ng

RT: 9.598 min Scan# 1277

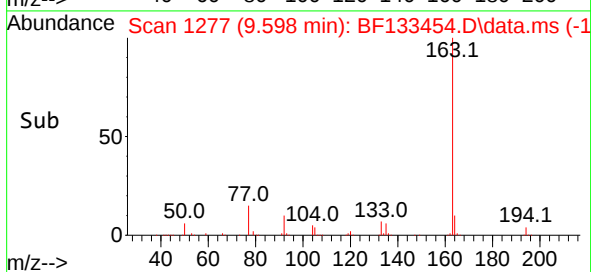
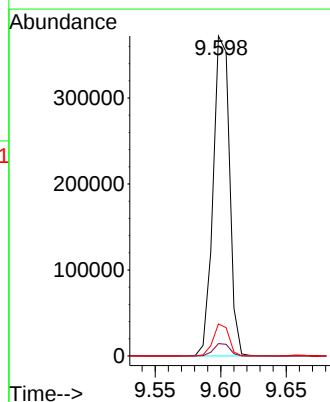
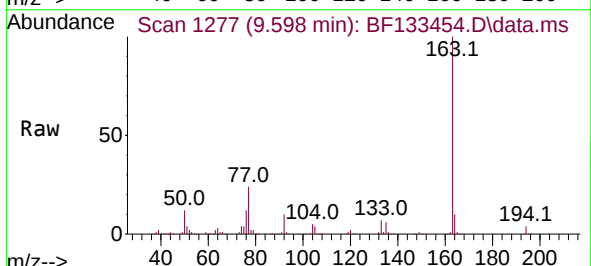
Delta R.T. -0.006 min

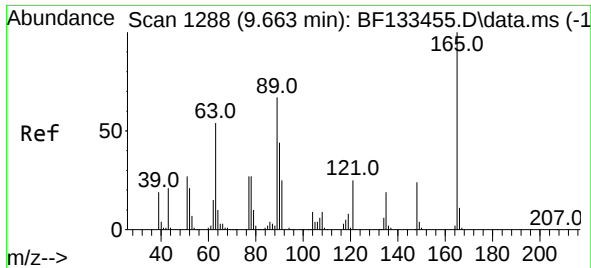
Lab File: BF133454.D

Acq: 23 May 2023 13:08

Tgt Ion:163 Resp: 324277

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.9	4.3
164	10.0	8.3	12.5





#51
2,6-Dinitrotoluene
Concen: 19.185 ng
RT: 9.657 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

Instrument :

BNA_F

ClientSampleId :

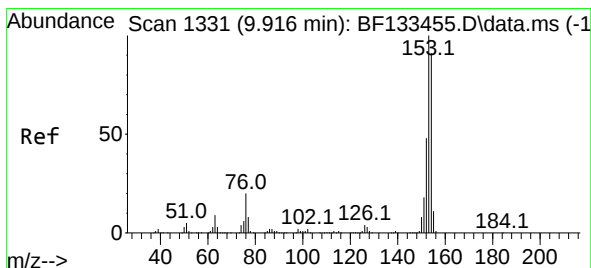
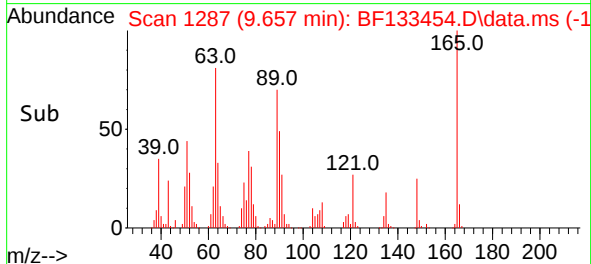
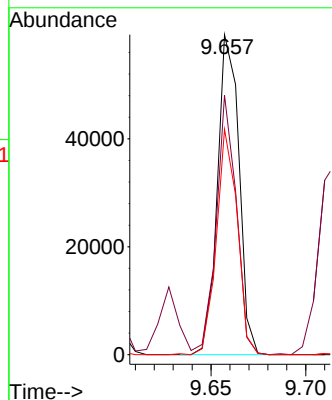
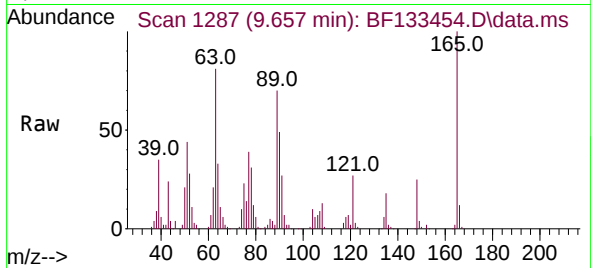
SSTDICC020

Tgt Ion:165 Resp: 4697
Ion Ratio Lower Upper
165 100
63 81.1 61.0 91.4
89 70.5 53.5 80.3

Manual Integrations

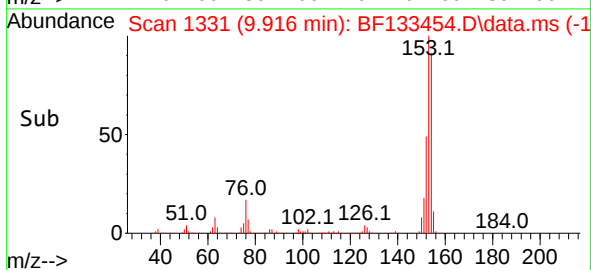
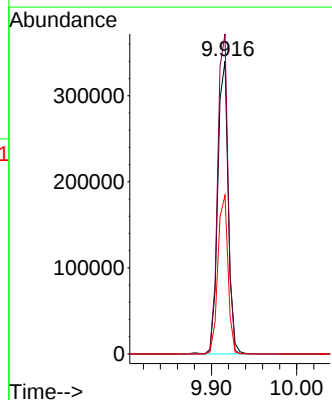
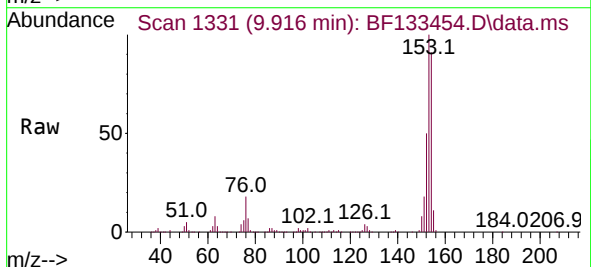
APPROVED

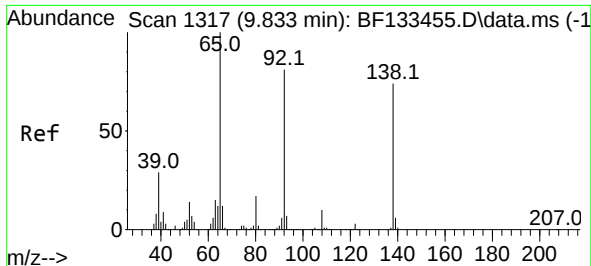
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#52
Acenaphthene
Concen: 21.157 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

Tgt Ion:154 Resp: 290342
Ion Ratio Lower Upper
154 100
153 109.3 87.6 131.4
152 54.2 41.8 62.8





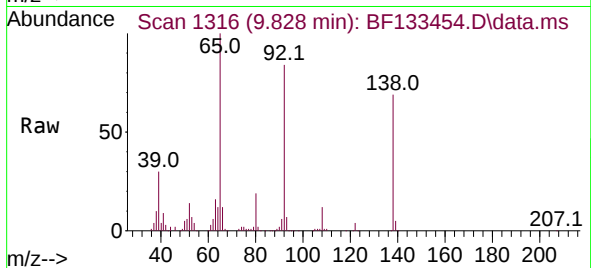
#53
3-Nitroaniline
Concen: 19.181 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

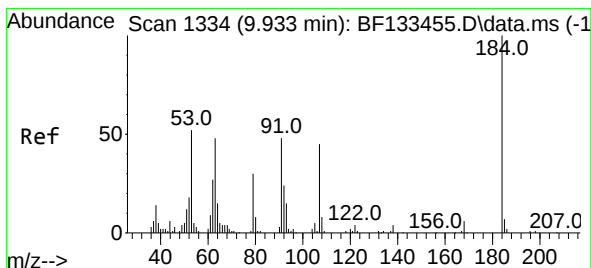
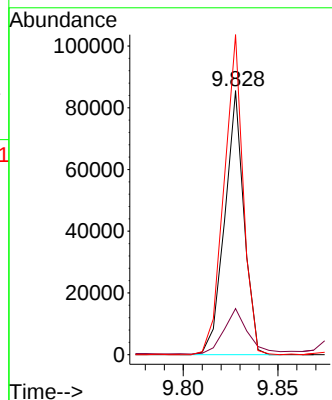
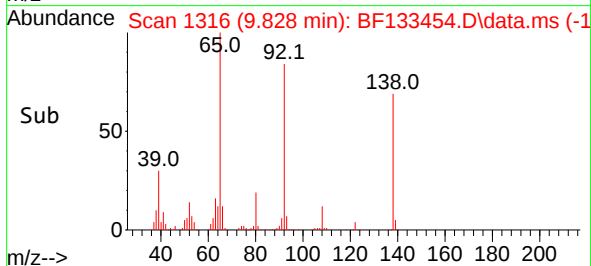


Tgt Ion:138 Resp: 60479
Ion Ratio Lower Upper
138 100
108 17.5 11.4 17.0
92 121.2 88.4 132.6

Manual Integrations

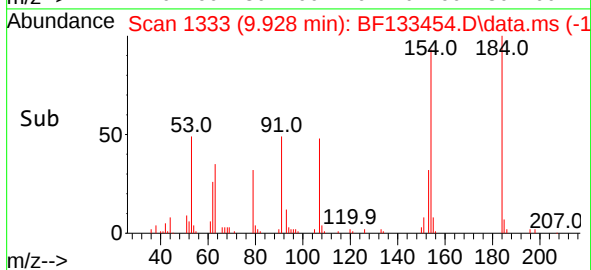
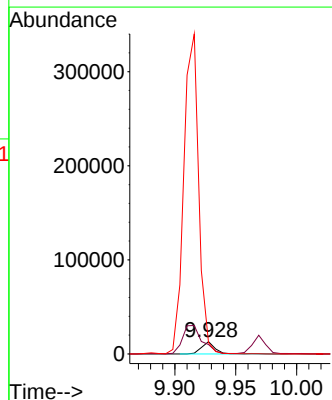
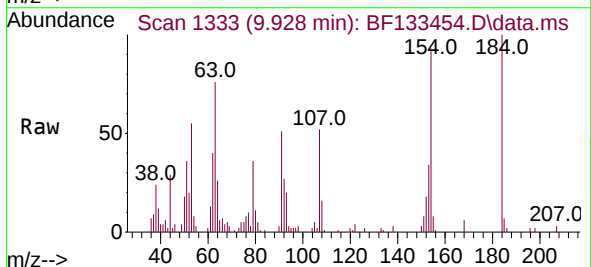
APPROVED

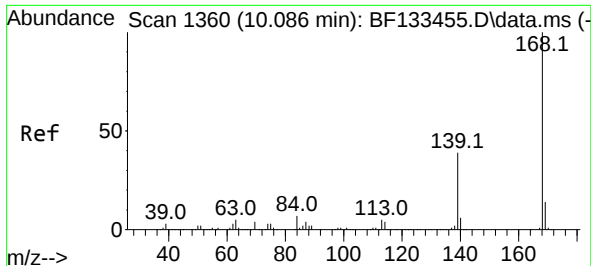
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#54
2,4-Dinitrophenol
Concen: 19.539 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.005 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

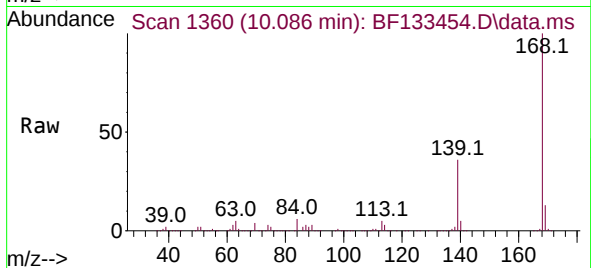
Tgt Ion:184 Resp: 10282
Ion Ratio Lower Upper
184 100
63 76.3 54.4 81.6
154 93.0 51.3 76.9





#55
Dibenzofuran
Concen: 21.568 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

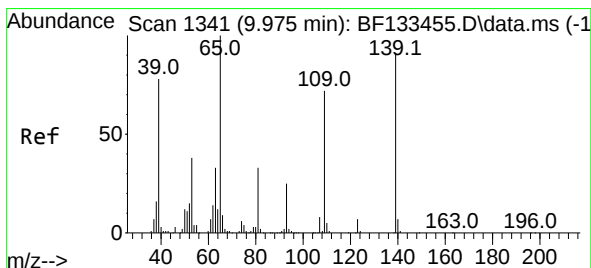
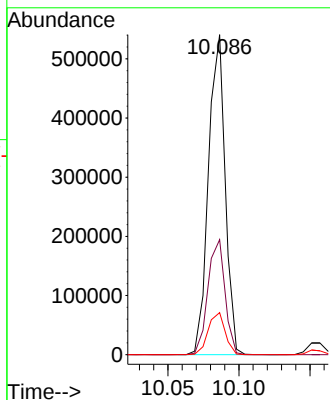
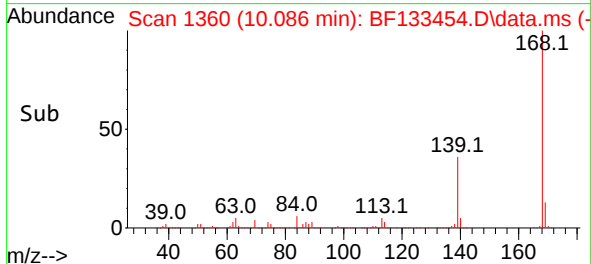
Instrument :
BNA_F
Client Sample Id :
SSTDICC020



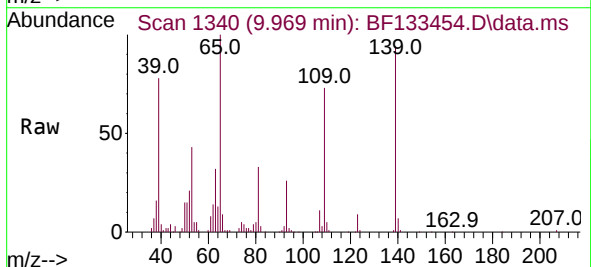
Tgt Ion:168 Resp: 441772
Ion Ratio Lower Upper
168 100
139 35.9 31.0 46.6
169 13.1 11.0 16.6

Manual Integrations
APPROVED

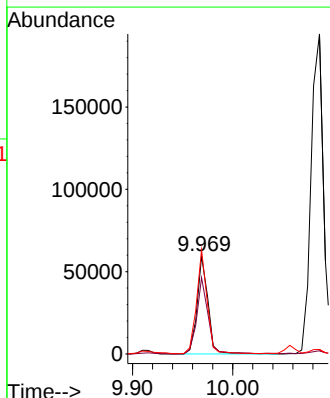
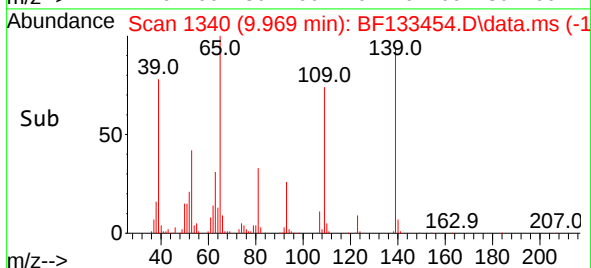
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023

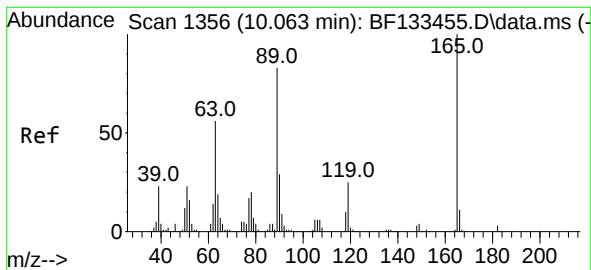


#56
4-Nitrophenol
Concen: 19.574 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08



Tgt Ion:139 Resp: 44587
Ion Ratio Lower Upper
139 100
109 78.2 59.5 99.5
65 106.7 90.1 130.1





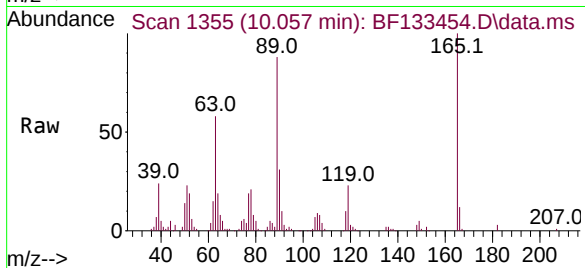
#57
2,4-Dinitrotoluene
Concen: 18.455 ng
RT: 10.057 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

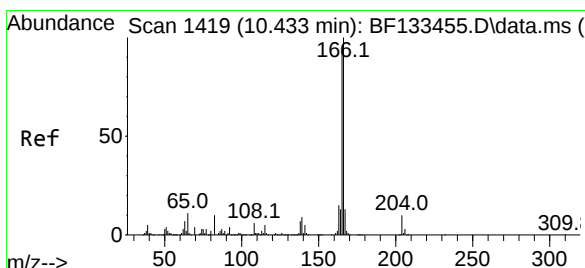
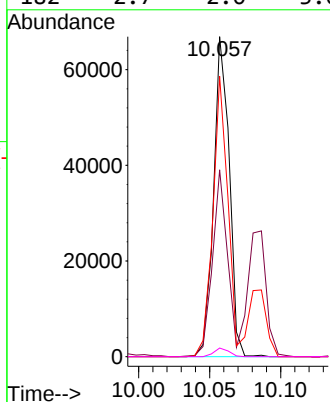
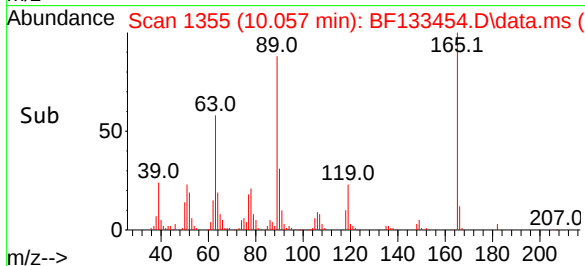


Tgt Ion:165 Resp: 5113
Ion Ratio Lower Upper
165 100
63 58.4 45.1 67.7
89 87.7 66.7 100.1
182 2.7 2.0 3.0

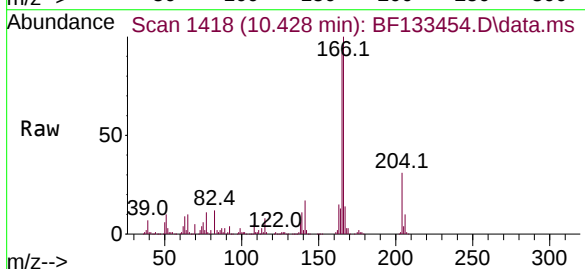
Manual Integrations

APPROVED

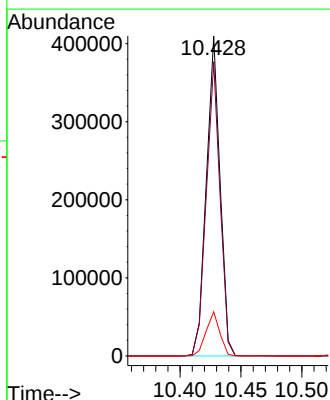
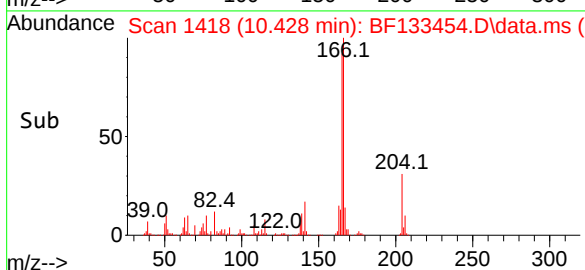
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023

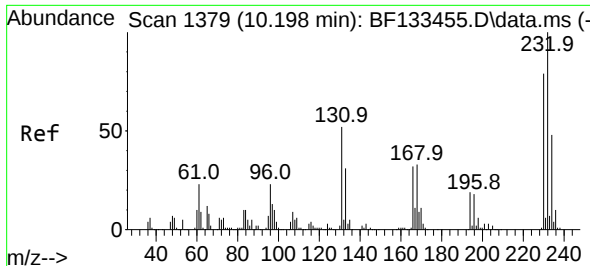


#58
Fluorene
Concen: 21.603 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08



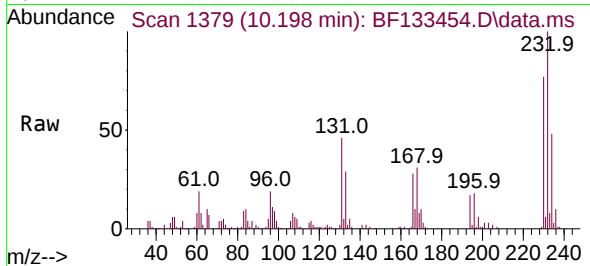
Tgt Ion:166 Resp: 319368
Ion Ratio Lower Upper
166 100
165 92.0 74.2 111.4
167 13.8 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 21.321 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

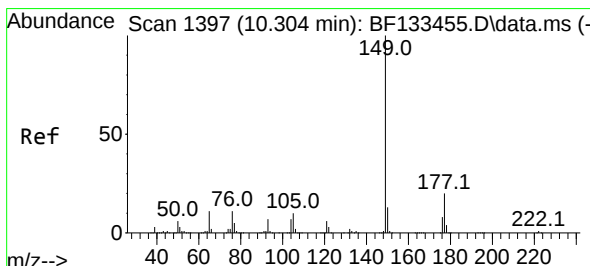
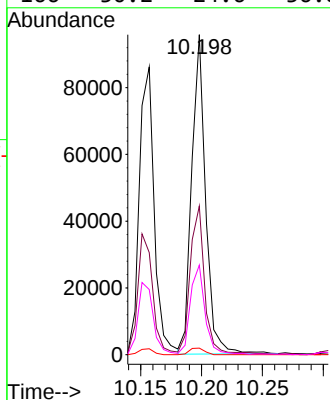
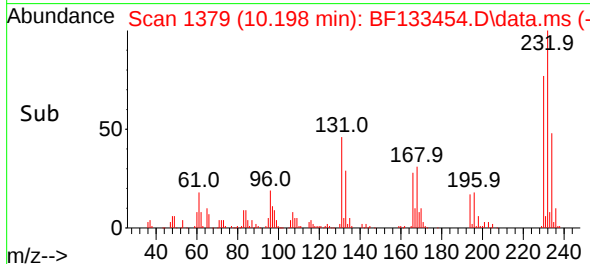
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



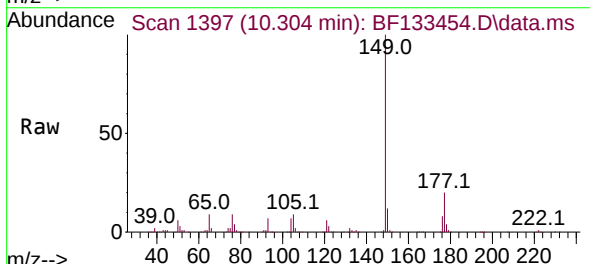
Tgt Ion:232 Resp: 76361
Ion Ratio Lower Upper
232 100
131 48.0 39.0 58.4
130 2.2 1.9 2.9
166 30.2 24.6 36.8

Manual Integrations
APPROVED

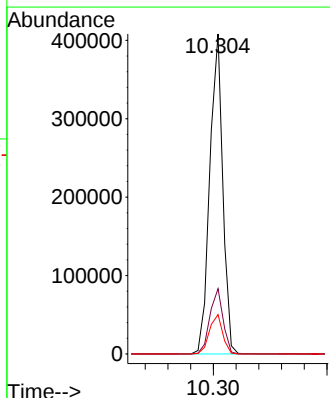
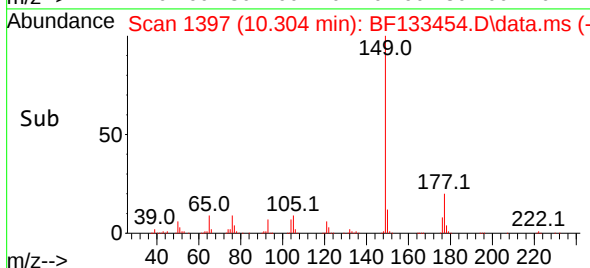
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023

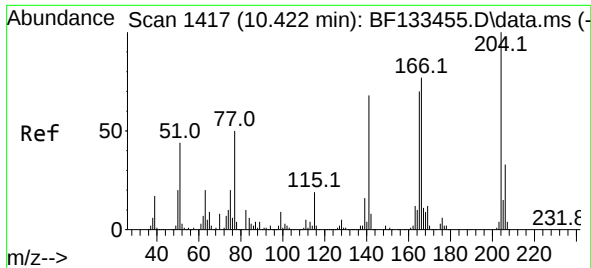


#60
Diethylphthalate
Concen: 20.863 ng
RT: 10.304 min Scan# 1397
Delta R.T. 0.000 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08



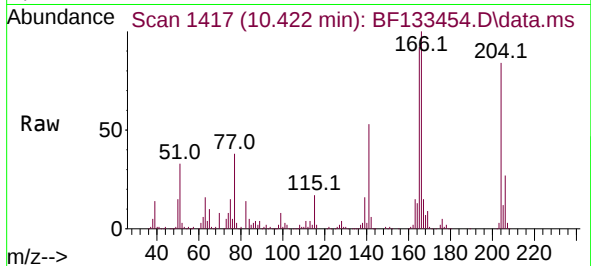
Tgt Ion:149 Resp: 322903
Ion Ratio Lower Upper
149 100
177 20.4 16.3 24.5
150 12.3 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 22.120 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

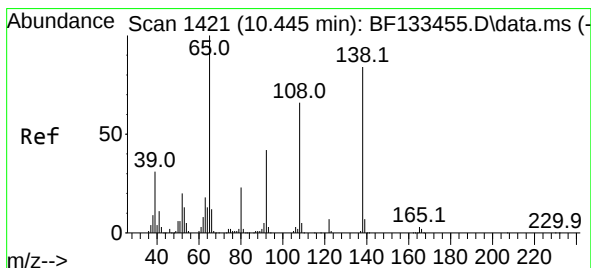
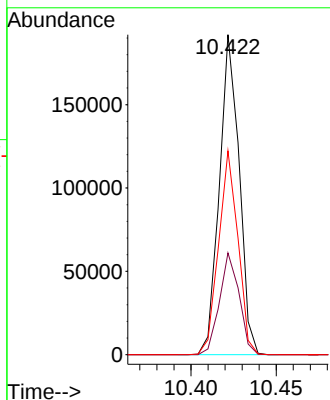
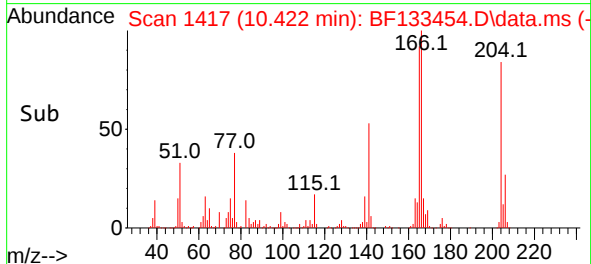
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



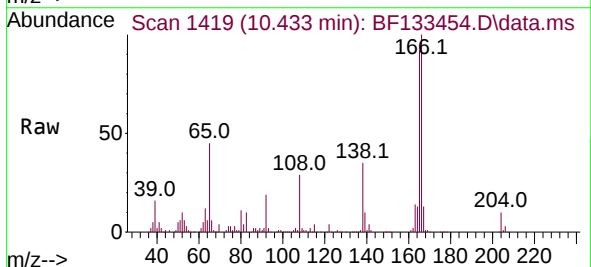
Tgt Ion:204 Resp: 154670
Ion Ratio Lower Upper
204 100
206 31.8 26.6 39.8
141 63.7 54.1 81.1

Manual Integrations
APPROVED

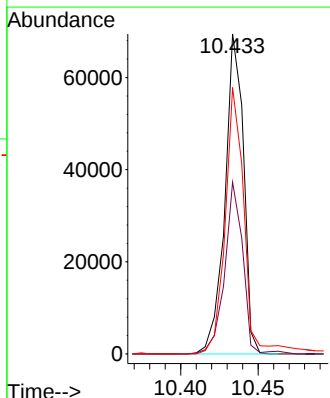
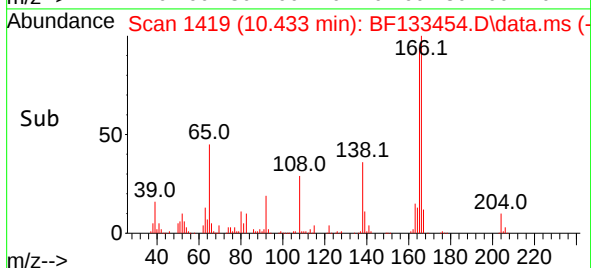
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023

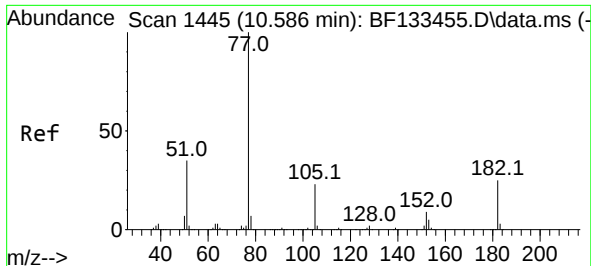


#62
4-Nitroaniline
Concen: 19.052 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08



Tgt Ion:138 Resp: 57834
Ion Ratio Lower Upper
138 100
92 53.7 29.2 69.2
108 83.2 58.4 98.4





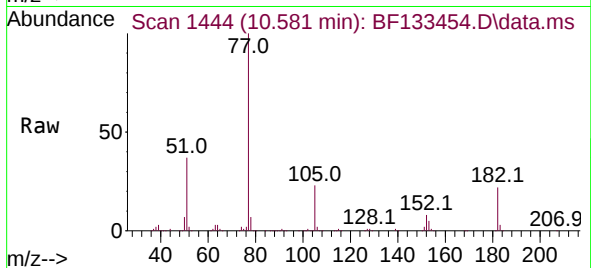
#63
Azobenzene
Concen: 20.800 ng
RT: 10.581 min Scan# 1444
Delta R.T. -0.005 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

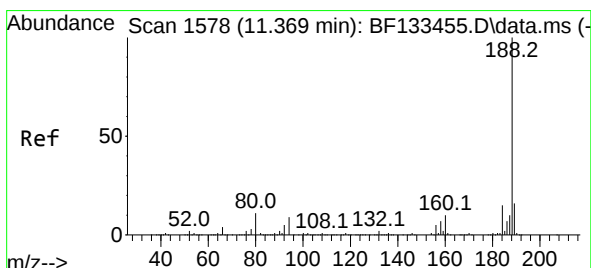
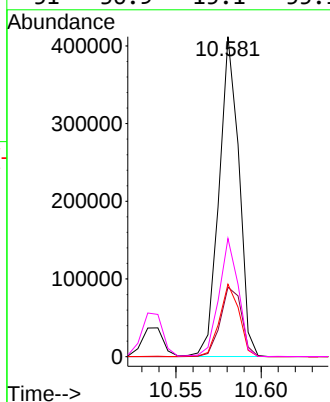
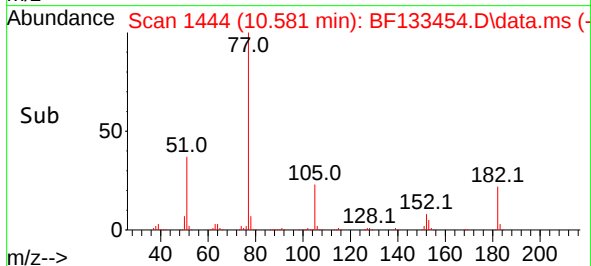


Tgt Ion: 77 Resp: 33297
Ion Ratio Lower Upper
77 100
182 21.7 5.0 45.0
105 22.7 2.9 42.9
51 36.9 15.1 55.1

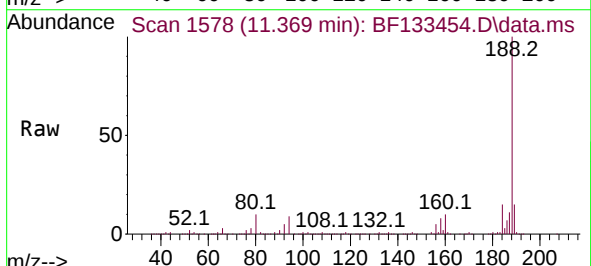
Manual Integrations

APPROVED

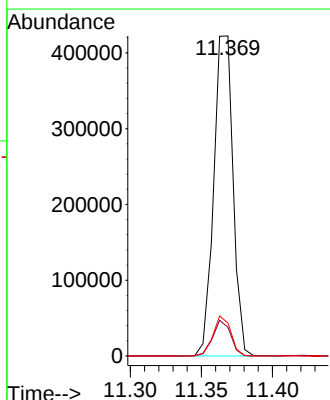
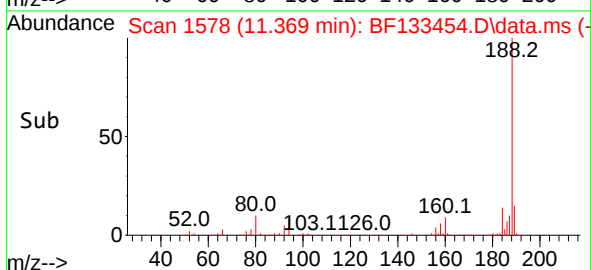
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023

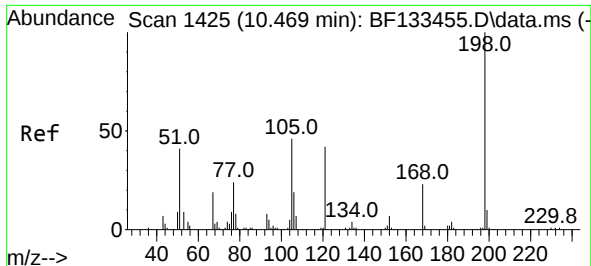


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08



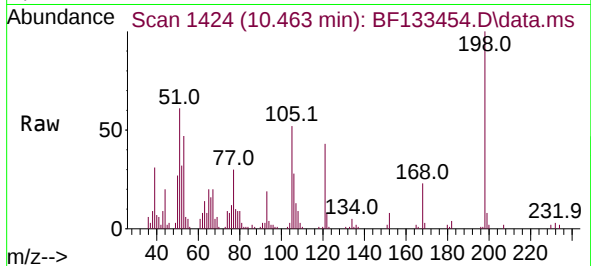
Tgt Ion:188 Resp: 400128
Ion Ratio Lower Upper
188 100
94 9.0 7.5 11.3
80 10.3 8.7 13.1





#65
4,6-Dinitro-2-methylphenol
Concen: 19.096 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

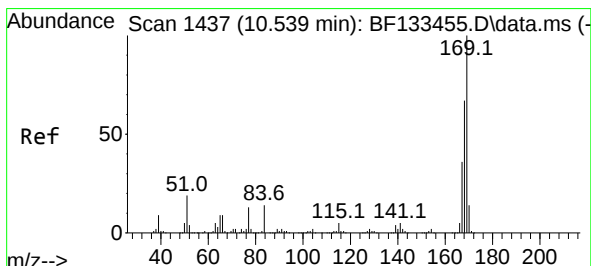
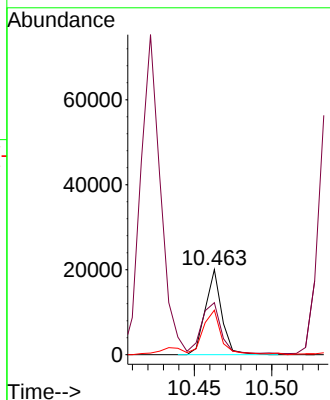
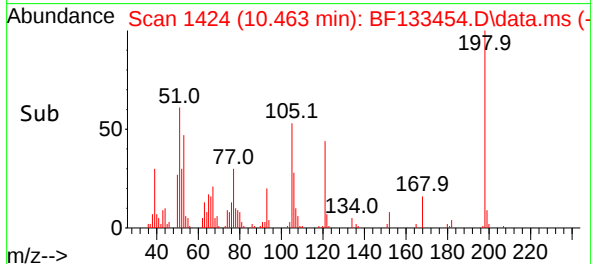
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



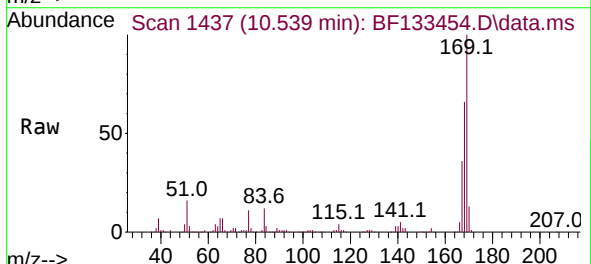
Tgt Ion:198 Resp: 14648
Ion Ratio Lower Upper
198 100
51 61.2 38.5 78.5
105 52.3 29.6 69.6

Manual Integrations
APPROVED

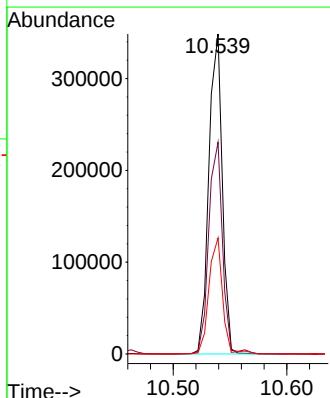
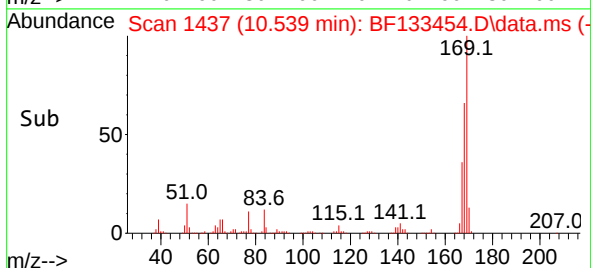
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023

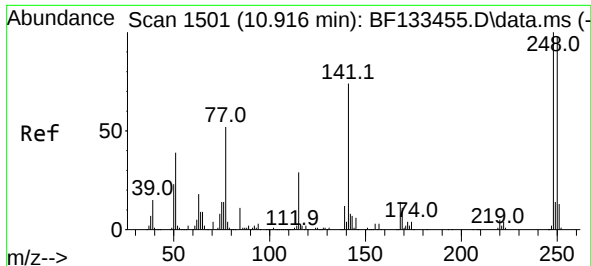


#66
n-Nitrosodiphenylamine
Concen: 21.627 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08



Tgt Ion:169 Resp: 285333
Ion Ratio Lower Upper
169 100
168 66.1 53.6 80.4
167 36.2 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 21.527 ng
RT: 10.910 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

Instrument :

BNA_F

ClientSampleId :

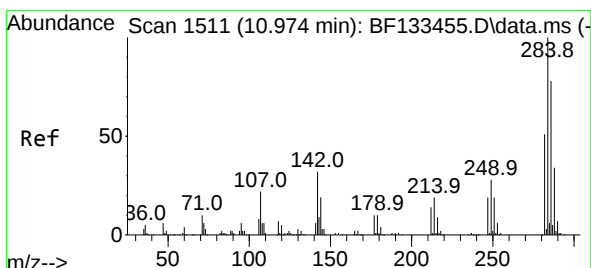
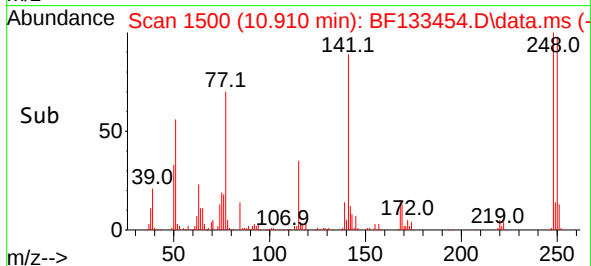
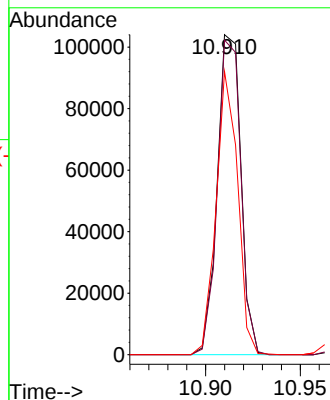
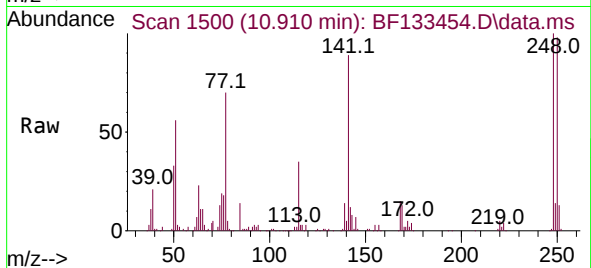
SSTDICC020

Tgt Ion:248 Resp: 9033
Ion Ratio Lower Upper
248 100
250 98.3 78.3 117.5
141 88.5 59.1 88.7

Manual Integrations

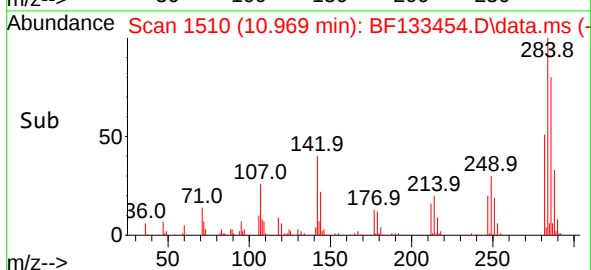
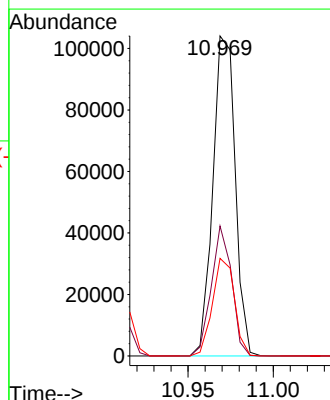
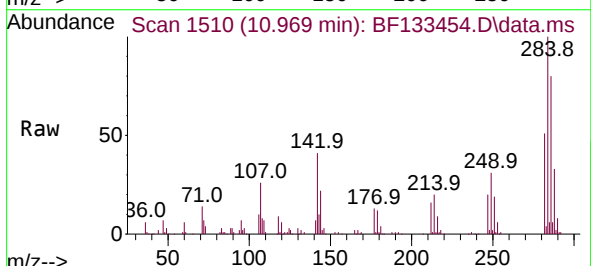
APPROVED

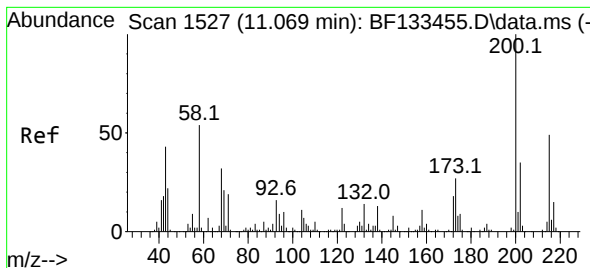
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#68
Hexachlorobenzene
Concen: 21.528 ng
RT: 10.969 min Scan# 1510
Delta R.T. -0.006 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

Tgt Ion:284 Resp: 94794
Ion Ratio Lower Upper
284 100
142 40.6 25.2 37.8#
249 30.5 22.6 34.0





#69

Atrazine

Concen: 21.558 ng

RT: 11.063 min Scan# 1527

Delta R.T. -0.006 min

Lab File: BF133454.D

Acq: 23 May 2023 13:08

Instrument :

BNA_F

ClientSampleId :

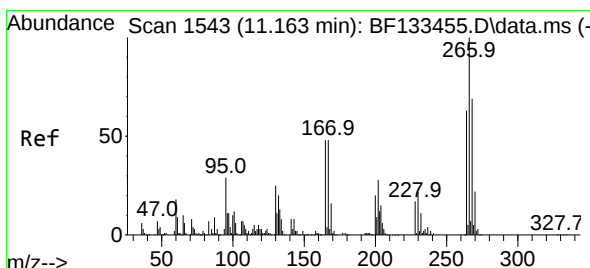
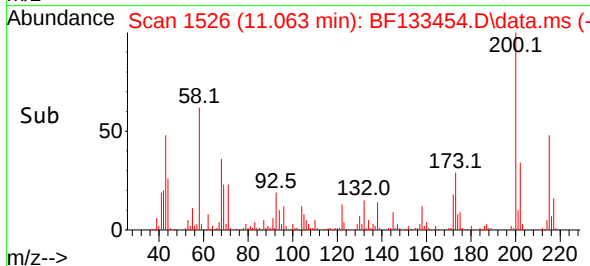
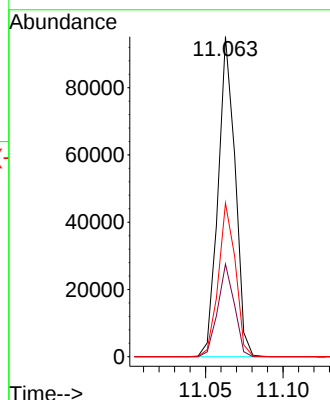
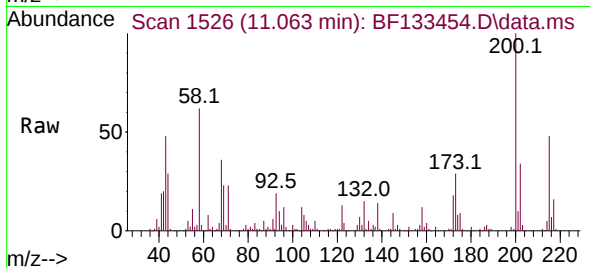
SSTDICC020

Tgt Ion:200 Resp: 7279
 Ion Ratio Lower Upper
 200 100
 173 28.9 7.0 47.0
 215 48.0 28.7 68.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/24/2023
 Supervised By :Jagrut Upadhyay 05/25/2023



#70

Pentachlorophenol

Concen: 20.981 ng

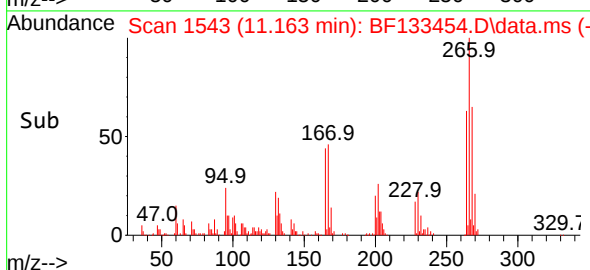
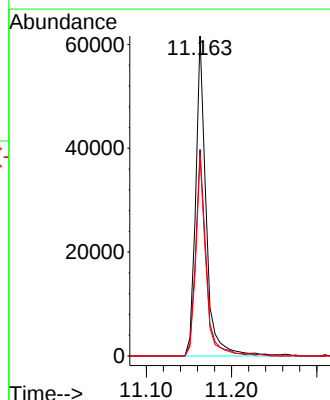
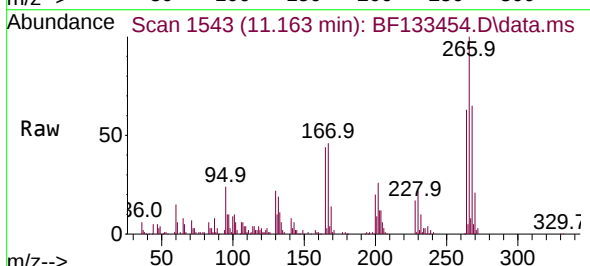
RT: 11.163 min Scan# 1543

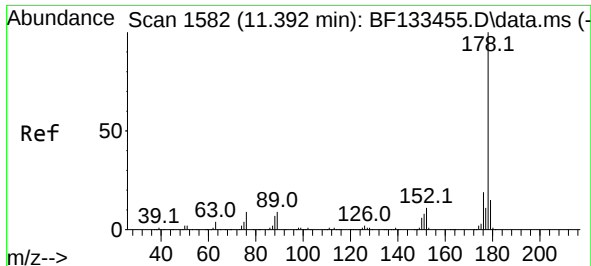
Delta R.T. -0.000 min

Lab File: BF133454.D

Acq: 23 May 2023 13:08

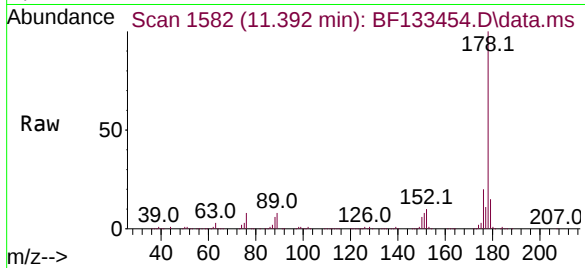
Tgt Ion:266 Resp: 52434
 Ion Ratio Lower Upper
 266 100
 268 64.5 54.8 82.2
 264 62.6 50.2 75.2





#71
Phenanthrene
Concen: 21.888 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

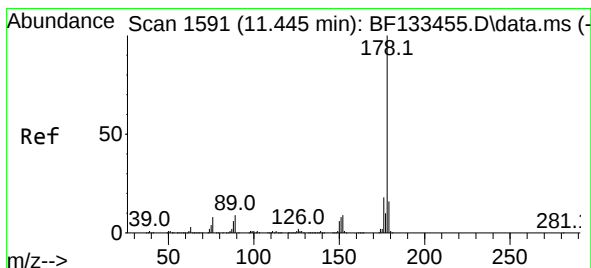
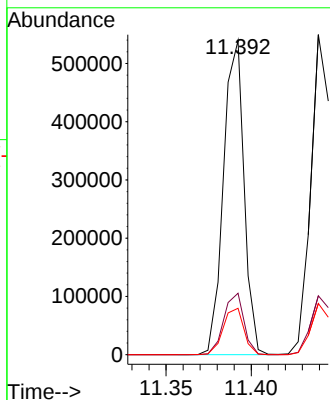
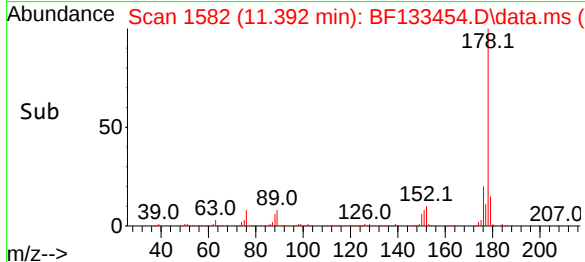
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



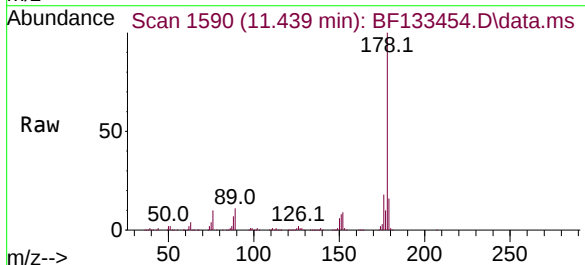
Tgt Ion:178 Resp: 453479
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 14.8 12.2 18.2

Manual Integrations
APPROVED

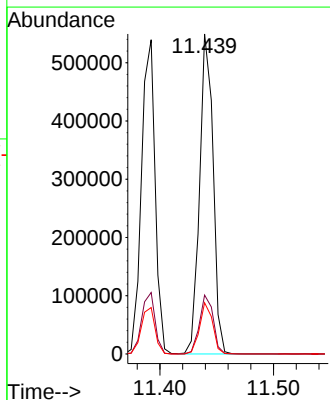
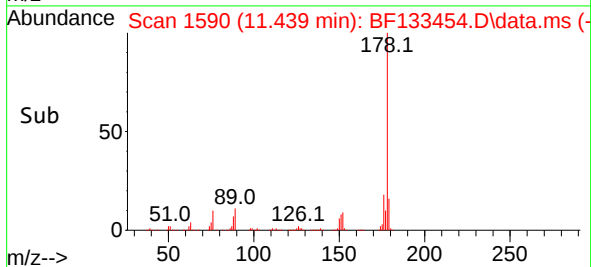
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023

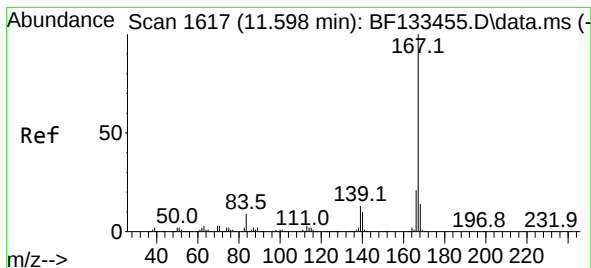


#72
Anthracene
Concen: 21.524 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08



Tgt Ion:178 Resp: 454924
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 16.0 12.4 18.6





#73

Carbazole

Concen: 21.454 ng

RT: 11.592 min Scan# 1616

Delta R.T. -0.006 min

Lab File: BF133454.D

Acq: 23 May 2023 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:167 Resp: 42958

Ion Ratio Lower Upper

167 100

166 21.2 17.0 25.6

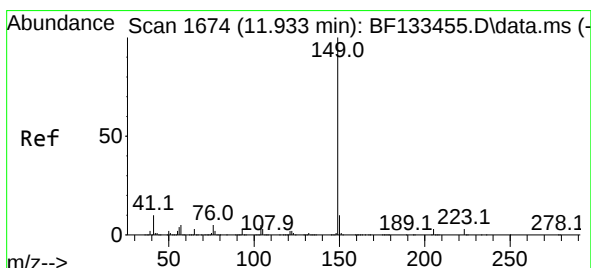
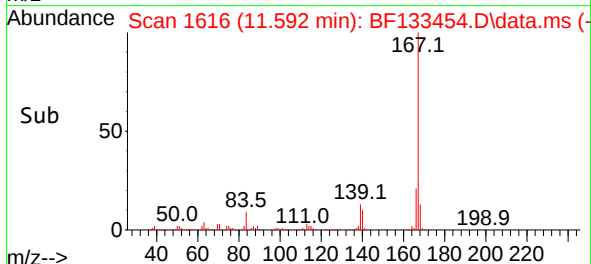
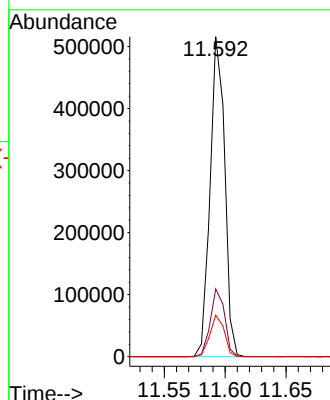
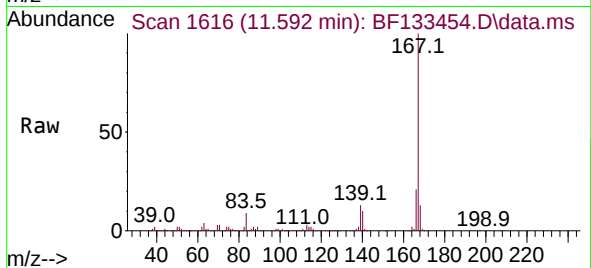
139 12.9 10.2 15.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/24/2023

Supervised By :Jagrut Upadhyay 05/25/2023



#74

Di-n-butylphthalate

Concen: 21.761 ng

RT: 11.933 min Scan# 1674

Delta R.T. 0.000 min

Lab File: BF133454.D

Acq: 23 May 2023 13:08

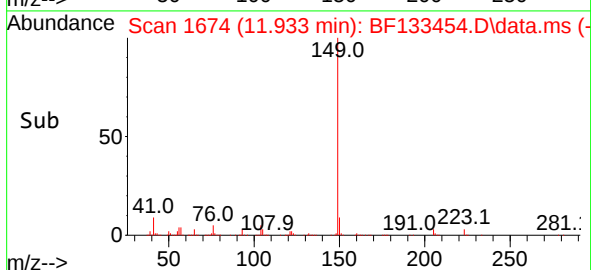
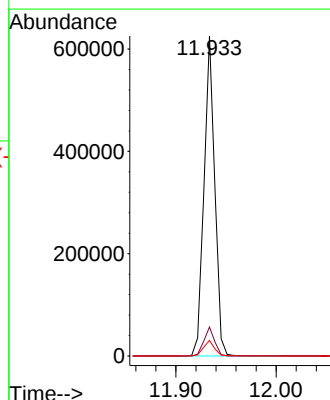
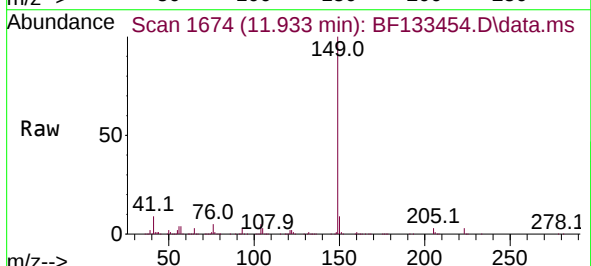
Tgt Ion:149 Resp: 467512

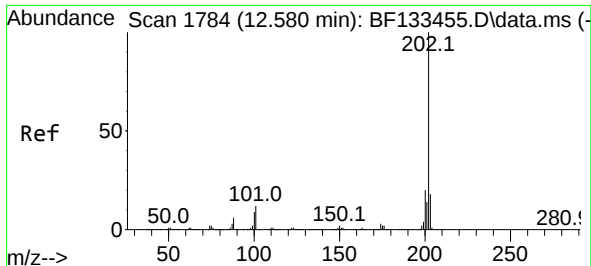
Ion Ratio Lower Upper

149 100

150 9.0 7.7 11.5

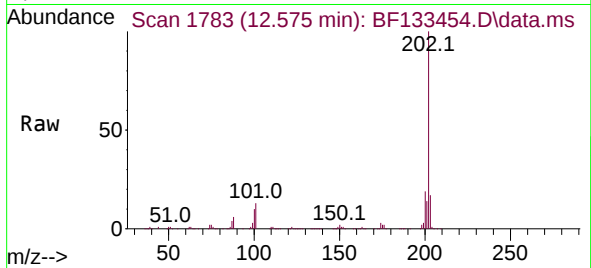
104 4.8 4.2 6.4





#75
Fluoranthene
Concen: 21.461 ng
RT: 12.575 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

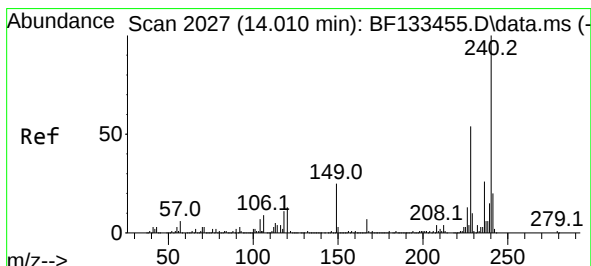
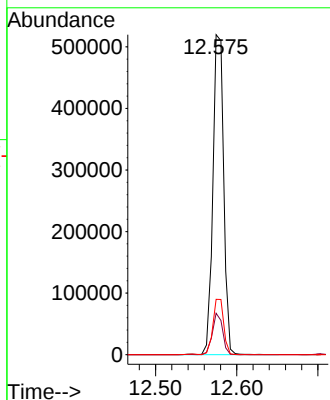
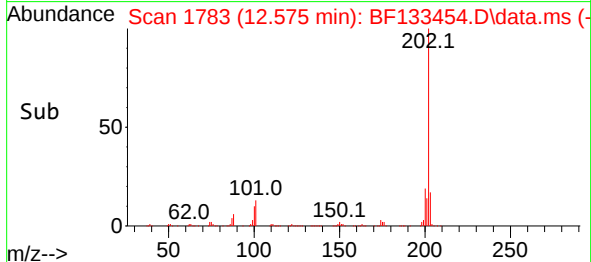
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



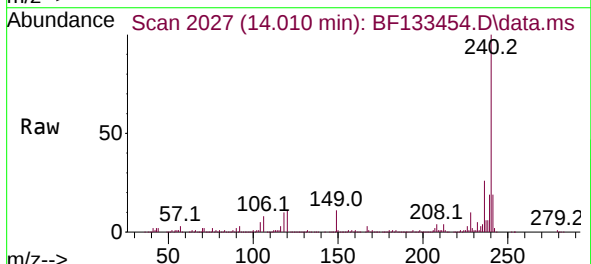
Tgt Ion:202 Resp: 478748
Ion Ratio Lower Upper
202 100
101 13.0 0.0 32.5
203 17.3 0.0 38.0

Manual Integrations
APPROVED

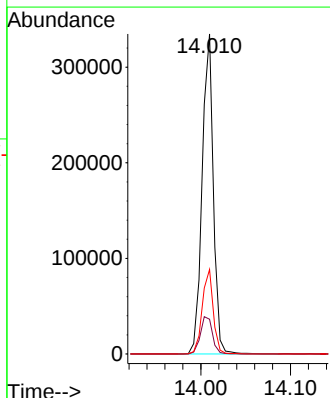
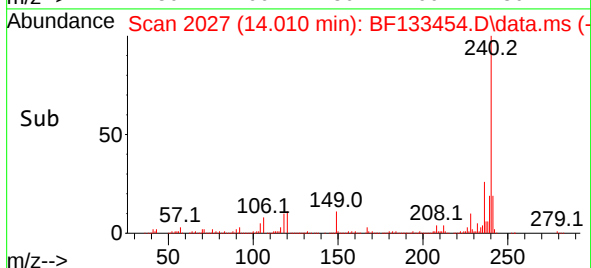
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023

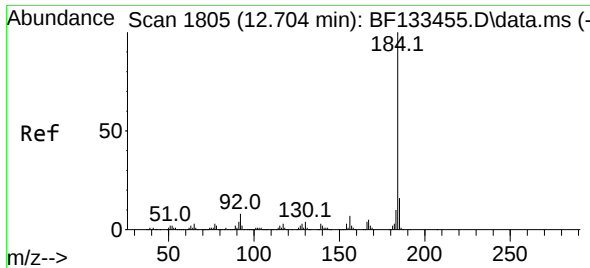


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08



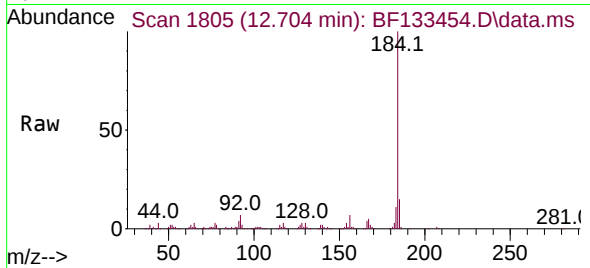
Tgt Ion:240 Resp: 289536
Ion Ratio Lower Upper
240 100
120 10.9 10.2 15.4
236 26.4 20.9 31.3





#77
Benzidine
Concen: 20.731 ng
RT: 12.704 min Scan# 1805
Delta R.T. 0.000 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

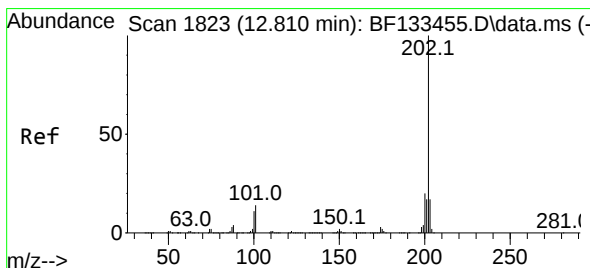
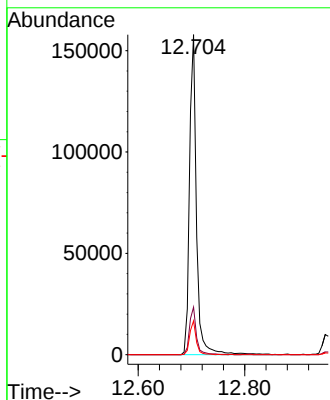
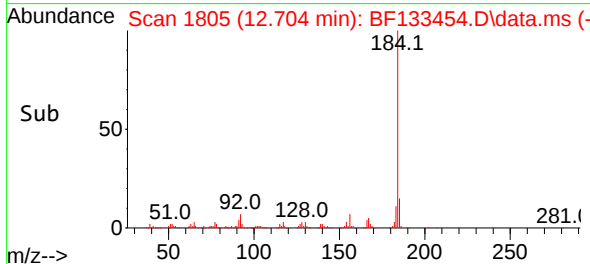
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



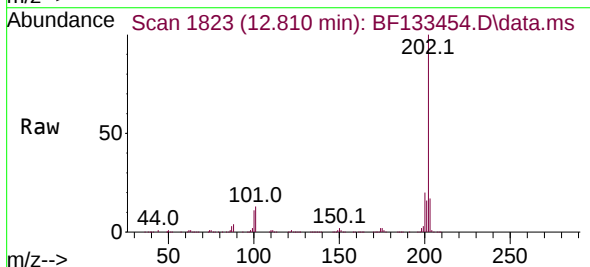
Tgt Ion:184 Resp: 143029
Ion Ratio Lower Upper
184 100
185 14.8 12.6 19.0
183 10.5 8.2 12.2

Manual Integrations
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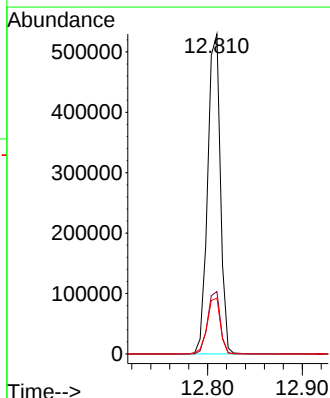
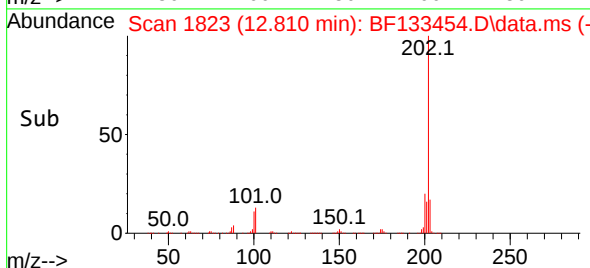
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023

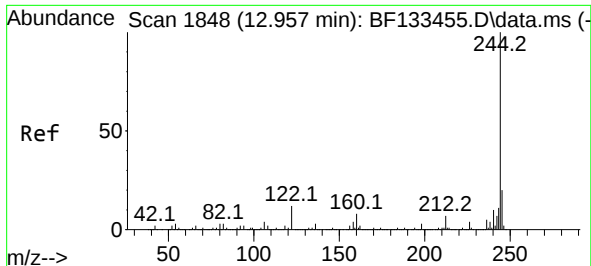


#78
Pyrene
Concen: 20.820 ng
RT: 12.810 min Scan# 1823
Delta R.T. 0.000 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08



Tgt Ion:202 Resp: 491360
Ion Ratio Lower Upper
202 100
200 19.5 16.2 24.2
203 17.5 13.9 20.9





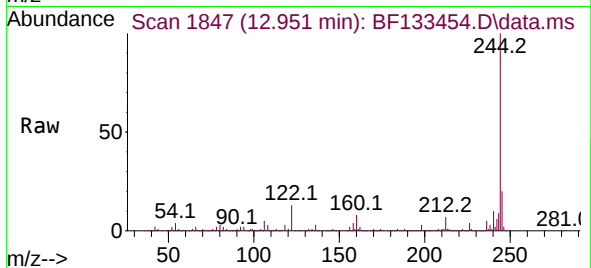
#79
 Terphenyl-d14
 Concen: 42.845 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF133454.D
 Acq: 23 May 2023 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

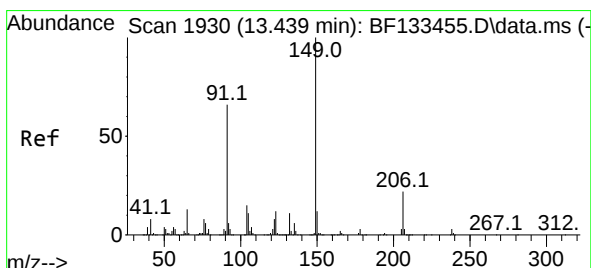
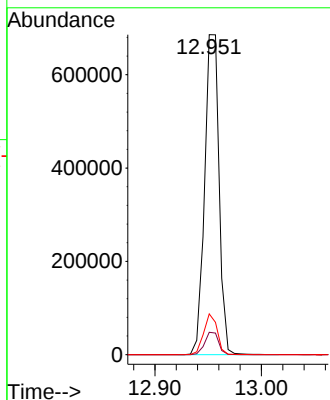
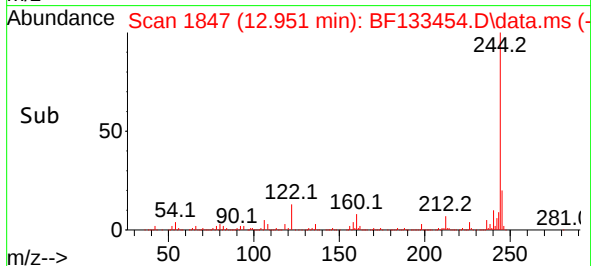


Tgt Ion:244 Resp: 648832
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 12.8 9.4 14.0

Manual Integrations

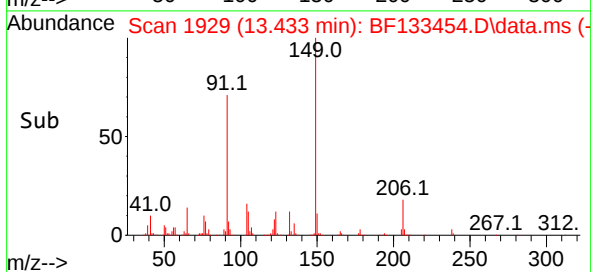
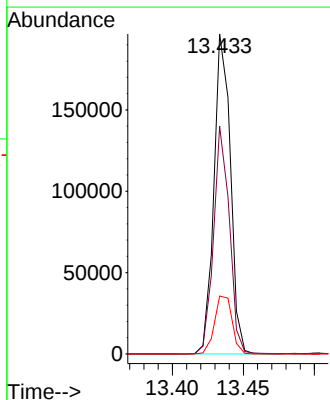
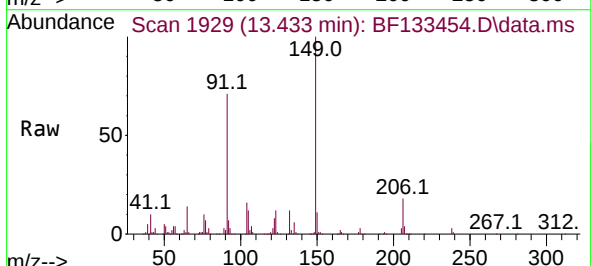
APPROVED

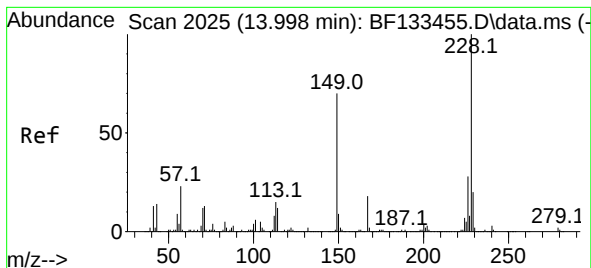
Reviewed By :Christian Giraldo 05/24/2023
 Supervised By :Jagrut Upadhyay 05/25/2023



#80
 Butylbenzylphthalate
 Concen: 19.993 ng
 RT: 13.433 min Scan# 1929
 Delta R.T. -0.006 min
 Lab File: BF133454.D
 Acq: 23 May 2023 13:08

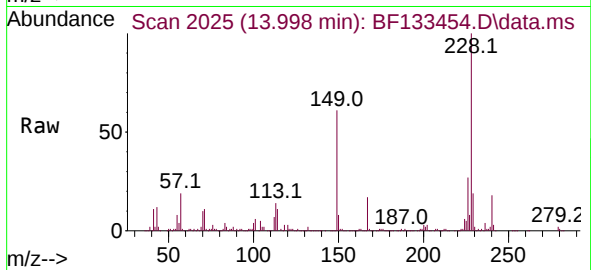
Tgt Ion:149 Resp: 158639
 Ion Ratio Lower Upper
 149 100
 91 71.2 53.1 79.7
 206 18.1 17.4 26.0





#81
Benzo(a)anthracene
Concen: 21.790 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

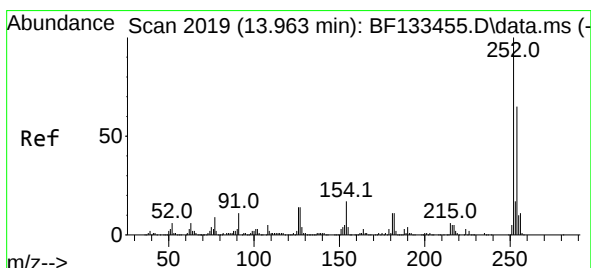
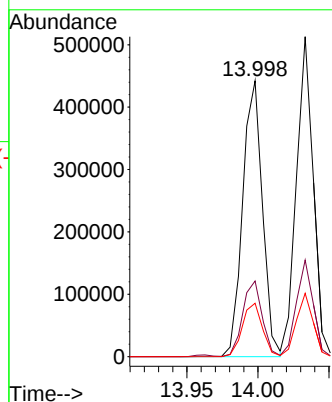
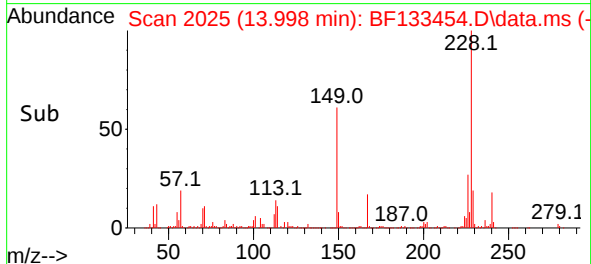
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



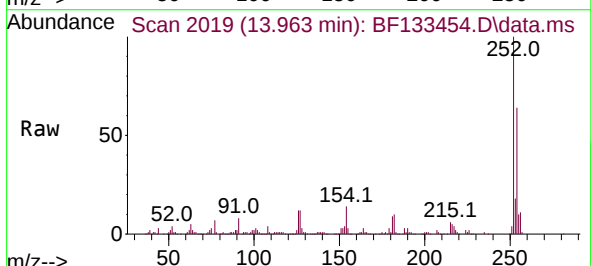
Tgt Ion:228 Resp: 428275
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.4
229 19.4 16.3 24.5

Manual Integrations
APPROVED

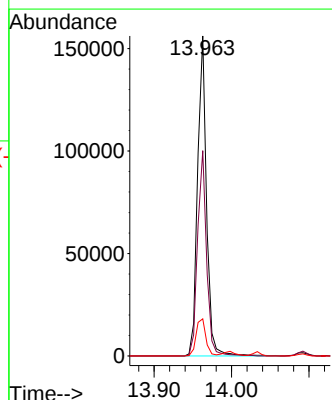
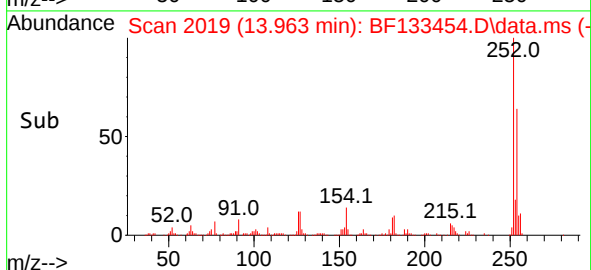
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023

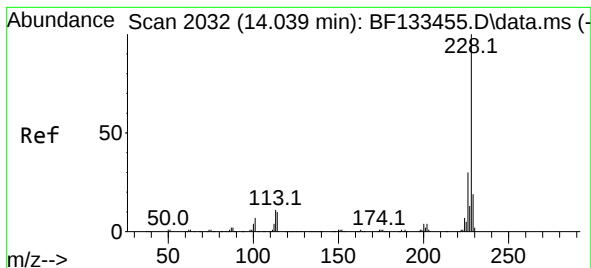


#82
3,3'-Dichlorobenzidine
Concen: 22.482 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08



Tgt Ion:252 Resp: 125398
Ion Ratio Lower Upper
252 100
254 64.2 51.8 77.6
126 11.6 11.0 16.6





#83

Chrysene

Concen: 21.229 ng

RT: 14.033 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF133454.D

Acq: 23 May 2023 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:228 Resp: 423678

Ion Ratio Lower Upper

228 100

226 30.2 24.3 36.5

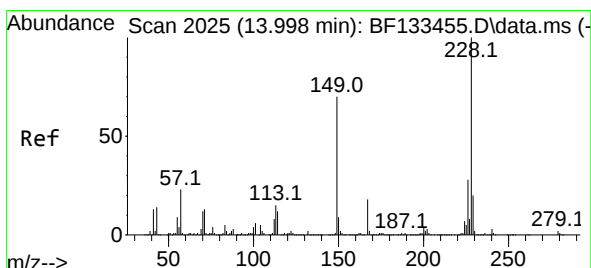
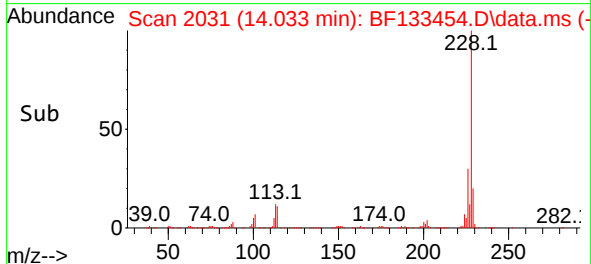
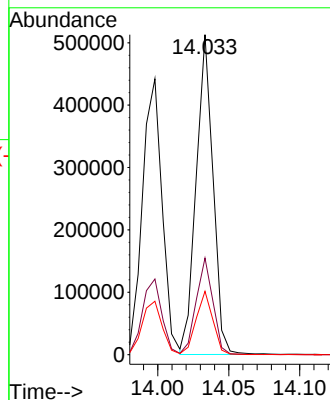
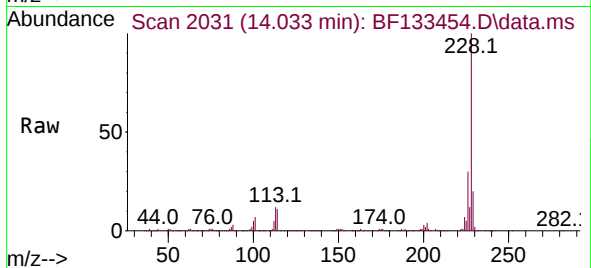
229 19.8 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/24/2023

Supervised By :Jagrut Upadhyay 05/25/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 21.883 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BF133454.D

Acq: 23 May 2023 13:08

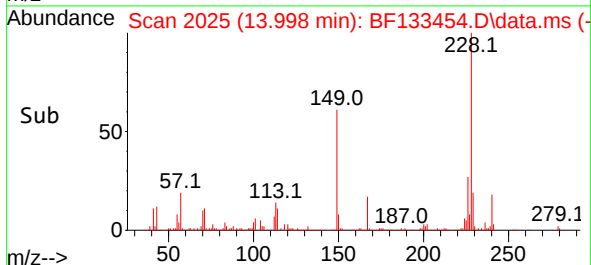
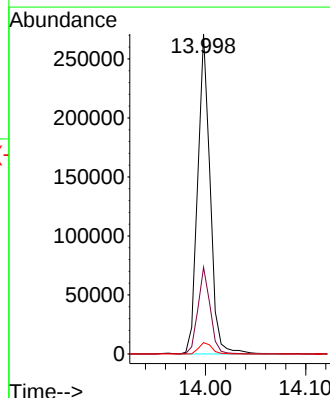
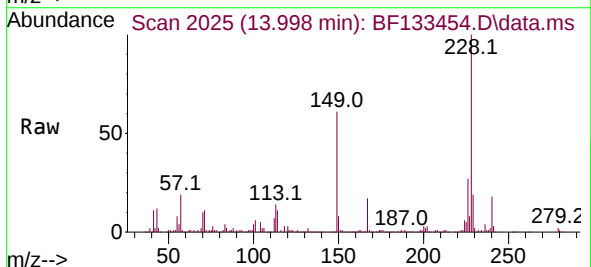
Tgt Ion:149 Resp: 233090

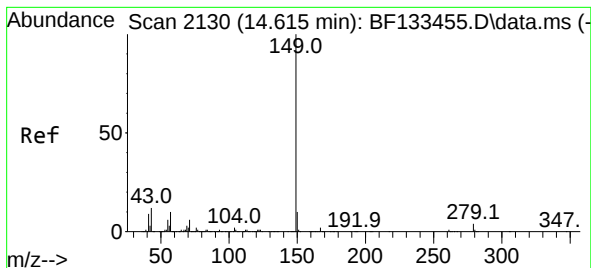
Ion Ratio Lower Upper

149 100

167 27.1 20.8 31.2

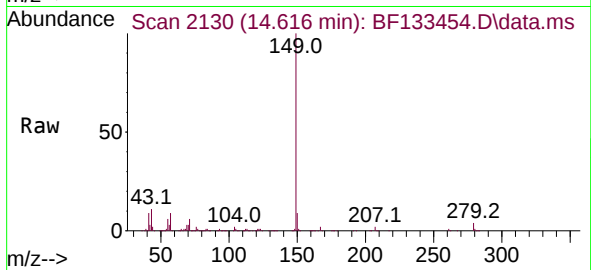
279 3.6 2.8 4.2





#85
Di-n-octyl phthalate
Concen: 20.035 ng
RT: 14.616 min Scan# 2130
Delta R.T. 0.001 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

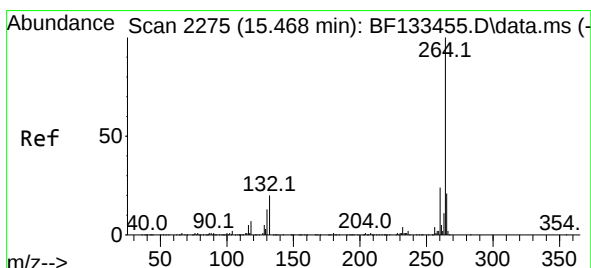
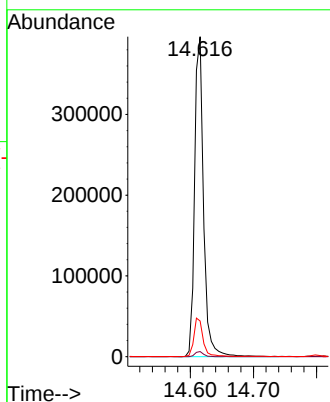
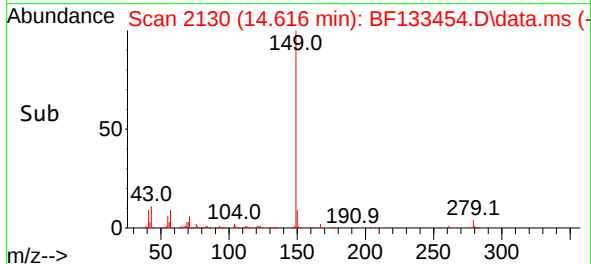
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:149 Resp: 388233
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 12.7 9.9 14.9

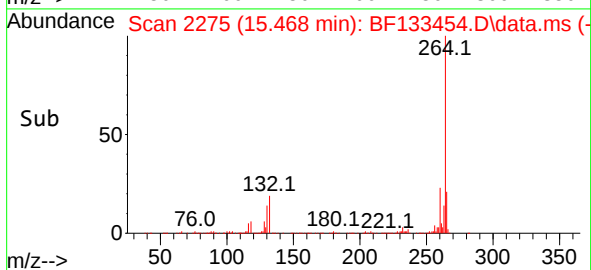
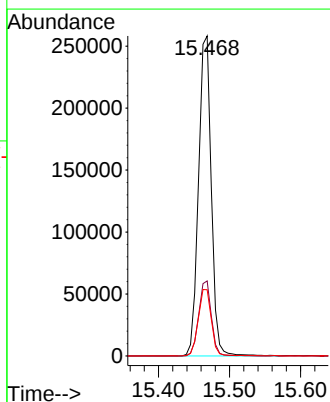
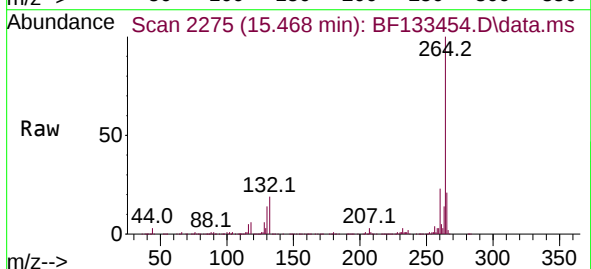
Manual Integrations
APPROVED

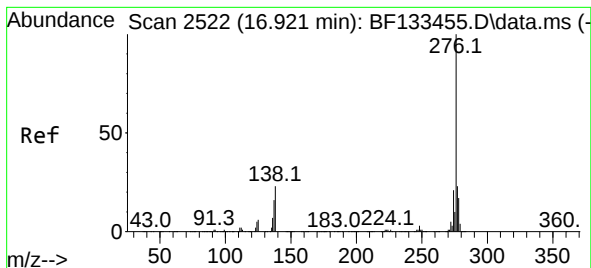
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

Tgt Ion:264 Resp: 323739
Ion Ratio Lower Upper
264 100
260 23.4 18.8 28.2
265 20.7 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 20.496 ng

RT: 16.915 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF133454.D

Acq: 23 May 2023 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 276 Resp: 449424

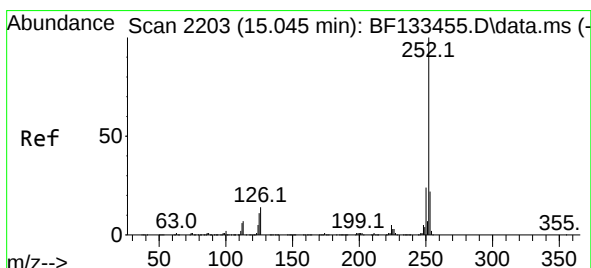
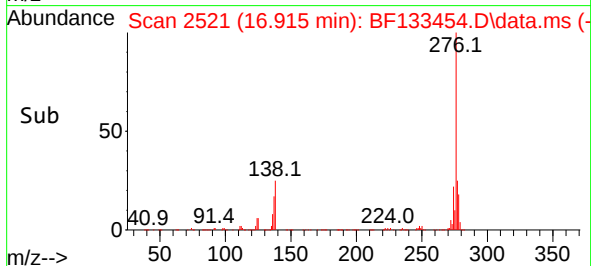
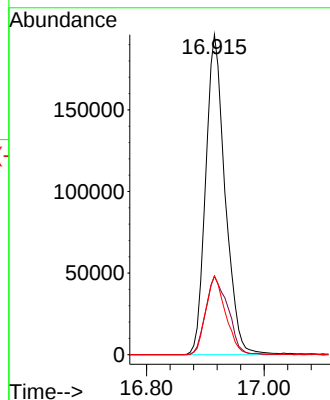
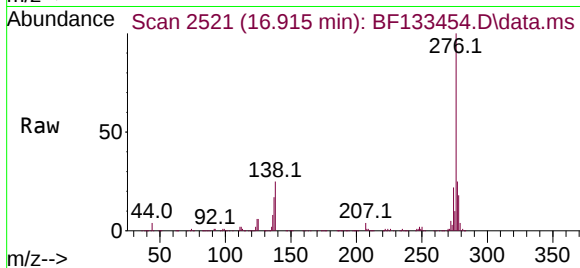
Ion	Ratio	Lower	Upper
276	100		
138	28.1	21.8	32.8
277	25.1	19.8	29.8

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 05/24/2023

Supervised By : Jagrut Upadhyay 05/25/2023



#88

Benzo(b)fluoranthene

Concen: 21.488 ng

RT: 15.039 min Scan# 2202

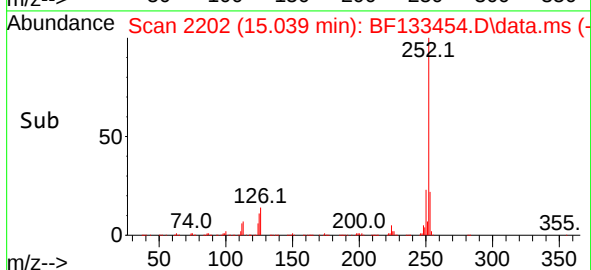
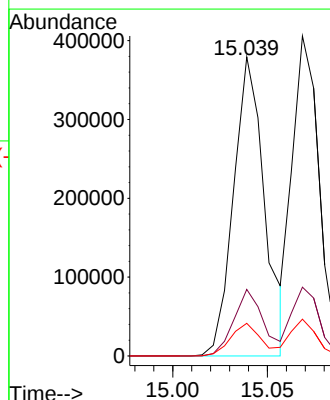
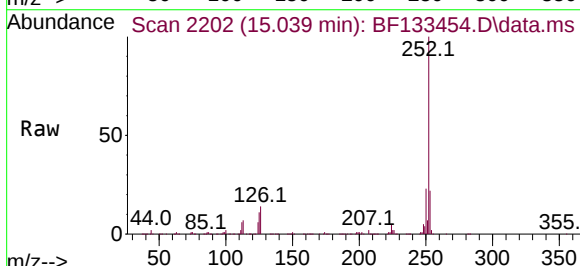
Delta R.T. -0.006 min

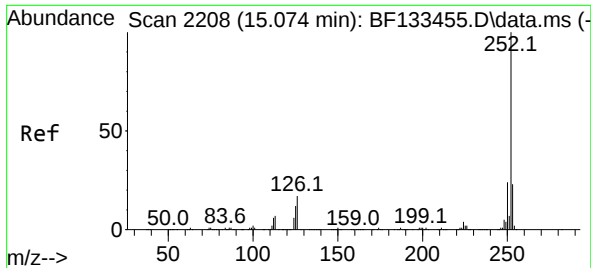
Lab File: BF133454.D

Acq: 23 May 2023 13:08

Tgt Ion: 252 Resp: 432352

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	10.9	8.6	12.8





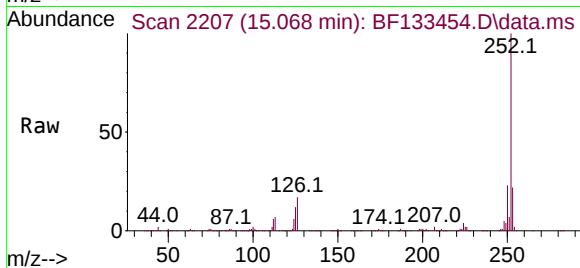
#89
Benzo(k)fluoranthene
Concen: 20.535 ng
RT: 15.068 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

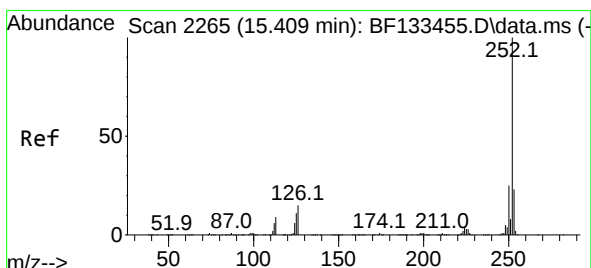
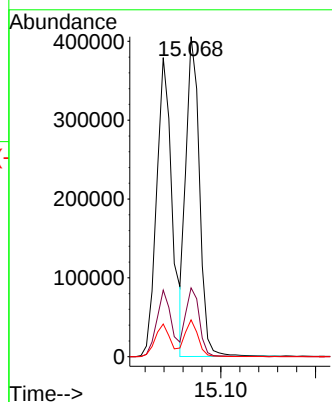
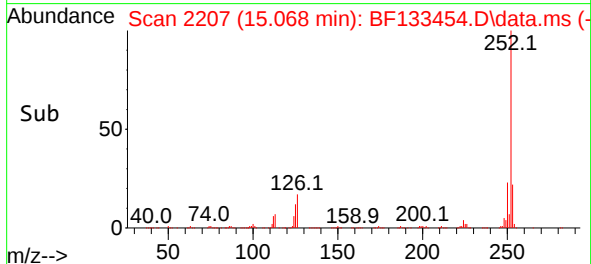


Tgt Ion:252 Resp: 401524
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.6
125 11.5 9.0 13.4

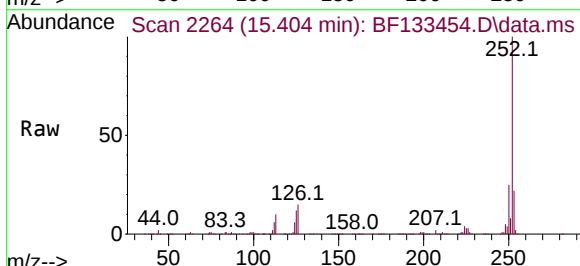
Manual Integrations

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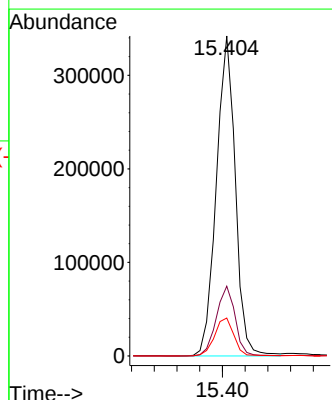
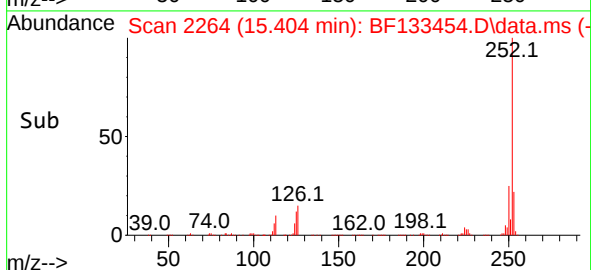
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023

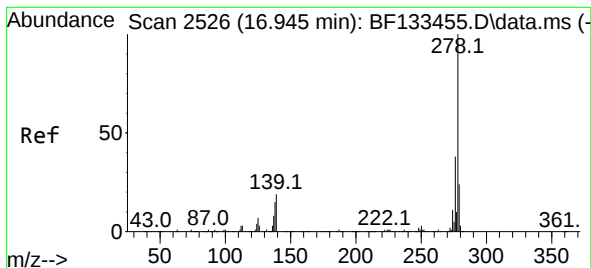


#90
Benzo(a)pyrene
Concen: 20.944 ng
RT: 15.404 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BF133454.D
Acq: 23 May 2023 13:08



Tgt Ion:252 Resp: 397042
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 11.9 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 20.725 ng

RT: 16.939 min Scan# 2525

Delta R.T. -0.006 min

Lab File: BF133454.D

Acq: 23 May 2023 13:08

Instrument :

BNA_F

ClientSampleId :

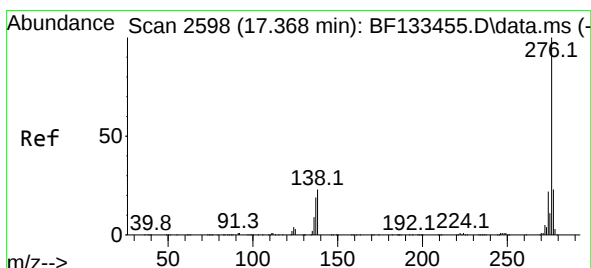
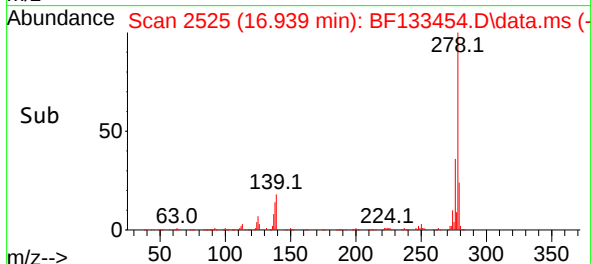
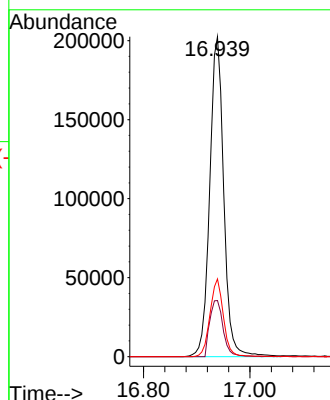
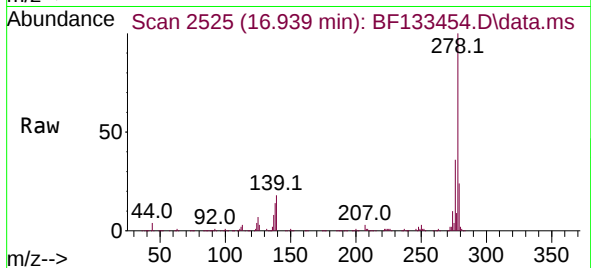
SSTDICC020

Tgt Ion:278 Resp: 370129
 Ion Ratio Lower Upper
 278 100
 139 17.5 15.4 23.0
 279 24.3 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/24/2023
 Supervised By :Jagrut Upadhyay 05/25/2023



#92

Benzo(g,h,i)perylene

Concen: 20.204 ng

RT: 17.357 min Scan# 2596

Delta R.T. -0.012 min

Lab File: BF133454.D

Acq: 23 May 2023 13:08

Tgt Ion:276 Resp: 364489
 Ion Ratio Lower Upper
 276 100
 277 23.6 18.6 27.8
 138 24.0 18.5 27.7

