

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
 Data File : BF133255.D
 Acq On : 05 May 2023 09:51
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/08/2023
 Supervised By : Jagrut Upadhyay 05/08/2023

Quant Time: May 06 05:45:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 10:49:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	206730	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	803360	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	419271	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	733502	20.000	ng	0.00
76) Chrysene-d12	13.880	240	461962	20.000	ng	0.00
86) Perylene-d12	15.292	264	394230	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1037236	75.793	ng	0.00
7) Phenol-d6	6.369	99	1292497	76.091	ng	0.00
23) Nitrobenzene-d5	7.298	82	1147592	77.105	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	315867	74.911	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1857704	74.127	ng	0.00
79) Terphenyl-d14	12.833	244	1967029	73.436	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.369	88	235984	37.176	ng	98
3) Pyridine	3.063	79	646509	38.347	ng	96
4) n-Nitrosodimethylamine	3.034	42	316811	36.279	ng	96
6) Aniline	6.392	93	843975	38.577	ng	97
8) 2-Chlorophenol	6.516	128	535473	38.537	ng	93
9) Benzaldehyde	6.275	77	312299	39.774	ng	99
10) Phenol	6.387	94	698680	37.285	ng	76
11) bis(2-Chloroethyl)ether	6.469	93	527911	37.542	ng	97
12) 1,3-Dichlorobenzene	6.669	146	564766	38.230	ng	99
13) 1,4-Dichlorobenzene	6.745	146	561709	37.939	ng	99
14) 1,2-Dichlorobenzene	6.898	146	532488	39.011	ng	96
15) Benzyl Alcohol	6.875	79	443495	37.798	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.010	45	848516	34.742	ng	97
17) 2-Methylphenol	6.992	107	477165	37.503	ng	99
18) Hexachloroethane	7.239	117	196495	38.173	ng	95
19) n-Nitroso-di-n-propyla...	7.151	70	358237	33.876	ng	97
20) 3+4-Methylphenols	7.145	107	558606	37.281	ng	99
22) Acetophenone	7.145	105	699071	37.565	ng	# 99
24) Nitrobenzene	7.316	77	582004	38.590	ng	98
25) Isophorone	7.551	82	1070446	37.881	ng	98
26) 2-Nitrophenol	7.628	139	304656	41.881	ng	99
27) 2,4-Dimethylphenol	7.675	122	484180	38.817	ng	97
28) bis(2-Chloroethoxy)met...	7.769	93	625374	37.409	ng	98
29) 2,4-Dichlorophenol	7.875	162	447630	39.421	ng	98
30) 1,2,4-Trichlorobenzene	7.957	180	461399	39.222	ng	100
31) Naphthalene	8.034	128	1561229	38.870	ng	99
32) Benzoic acid	7.798	122	320587m	41.609	ng	
33) 4-Chloroaniline	8.086	127	672959	41.468	ng	100
34) Hexachlorobutadiene	8.157	225	256245	39.301	ng	98
35) Caprolactam	8.463	113	158720	41.608	ng	93
36) 4-Chloro-3-methylphenol	8.569	107	482063	39.368	ng	100
37) 2-Methylnaphthalene	8.728	142	1044326	38.031	ng	97
38) 1-Methylnaphthalene	8.822	142	987525	38.442	ng	99
40) 1,2,4,5-Tetrachloroben...	8.892	216	419339	37.198	ng	99
41) Hexachlorocyclopentadiene	8.881	237	222498	33.843	ng	98
43) 2,4,6-Trichlorophenol	9.004	196	298698	38.314	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	343341	38.080	ng	98
46) 1,1'-Biphenyl	9.192	154	1231689	37.047	ng	99
47) 2-Chloronaphthalene	9.216	162	927898	38.132	ng	98
48) 2-Nitroaniline	9.310	65	314915	39.157	ng	98
49) Acenaphthylene	9.628	152	1493367	38.407	ng	99
50) Dimethylphthalate	9.492	163	1132607	38.741	ng	99
51) 2,6-Dinitrotoluene	9.551	165	265676	40.376	ng	99
52) Acenaphthene	9.798	154	989950m	38.014	ng	
53) 3-Nitroaniline	9.722	138	313841	40.114	ng	99
54) 2,4-Dinitrophenol	9.828	184	129793	39.243	ng	98
55) Dibenzofuran	9.969	168	1346405	37.902	ng	98
56) 4-Nitrophenol	9.886	139	224048	36.974	ng	98
57) 2,4-Dinitrotoluene	9.957	165	339737	40.486	ng	92
58) Fluorene	10.316	166	982018	37.733	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.092	232	262539	37.559	ng	99
60) Diethylphthalate	10.192	149	1067780	38.668	ng	98
61) 4-Chlorophenyl-phenyle...	10.304	204	471167	37.150	ng	96
62) 4-Nitroaniline	10.333	138	309905	43.097	ng	97
63) Azobenzene	10.469	77	1082552	37.007	ng	97
65) 4,6-Dinitro-2-methylph...	10.363	198	191147	42.994	ng	76
66) n-Nitrosodiphenylamine	10.428	169	911384	38.305	ng	99
67) 4-Bromophenyl-phenylether	10.792	248	302870	38.072	ng	94
68) Hexachlorobenzene	10.863	284	306193	37.562	ng	99
69) Atrazine	10.957	200	281252	41.024	ng	98
70) Pentachlorophenol	11.057	266	212070	36.529	ng	98
71) Phenanthrene	11.269	178	1507407	38.236	ng	99
72) Anthracene	11.322	178	1555362	38.551	ng	99
73) Carbazole	11.480	167	1376333	38.311	ng	99
74) Di-n-butylphthalate	11.810	149	1644872	40.459	ng	100
75) Fluoranthene	12.457	202	1507527	38.102	ng	98
77) Benzidine	12.574	184	360583	46.157	ng	95
78) Pyrene	12.686	202	1545092	39.017	ng	99
80) Butylbenzylphthalate	13.304	149	670493	47.819	ng	95
81) Benzo(a)anthracene	13.868	228	1173801	36.950	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	372080	42.398	ng	99
83) Chrysene	13.910	228	1189563	37.455	ng	100
84) Bis(2-ethylhexyl)phtha...	13.868	149	748001	42.501	ng	99
85) Di-n-octyl phthalate	14.480	149	1179792	41.112	ng	97
87) Indeno(1,2,3-cd)pyrene	16.674	276	956304	42.645	ng	98
88) Benzo(b)fluoranthene	14.892	252	935506	37.300	ng	99
89) Benzo(k)fluoranthene	14.921	252	966189	38.862	ng	99
90) Benzo(a)pyrene	15.239	252	879310	38.518	ng	100
91) Dibenzo(a,h)anthracene	16.692	278	796512	42.587	ng	99
92) Benzo(g,h,i)perylene	17.092	276	801009	43.380	ng	97

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

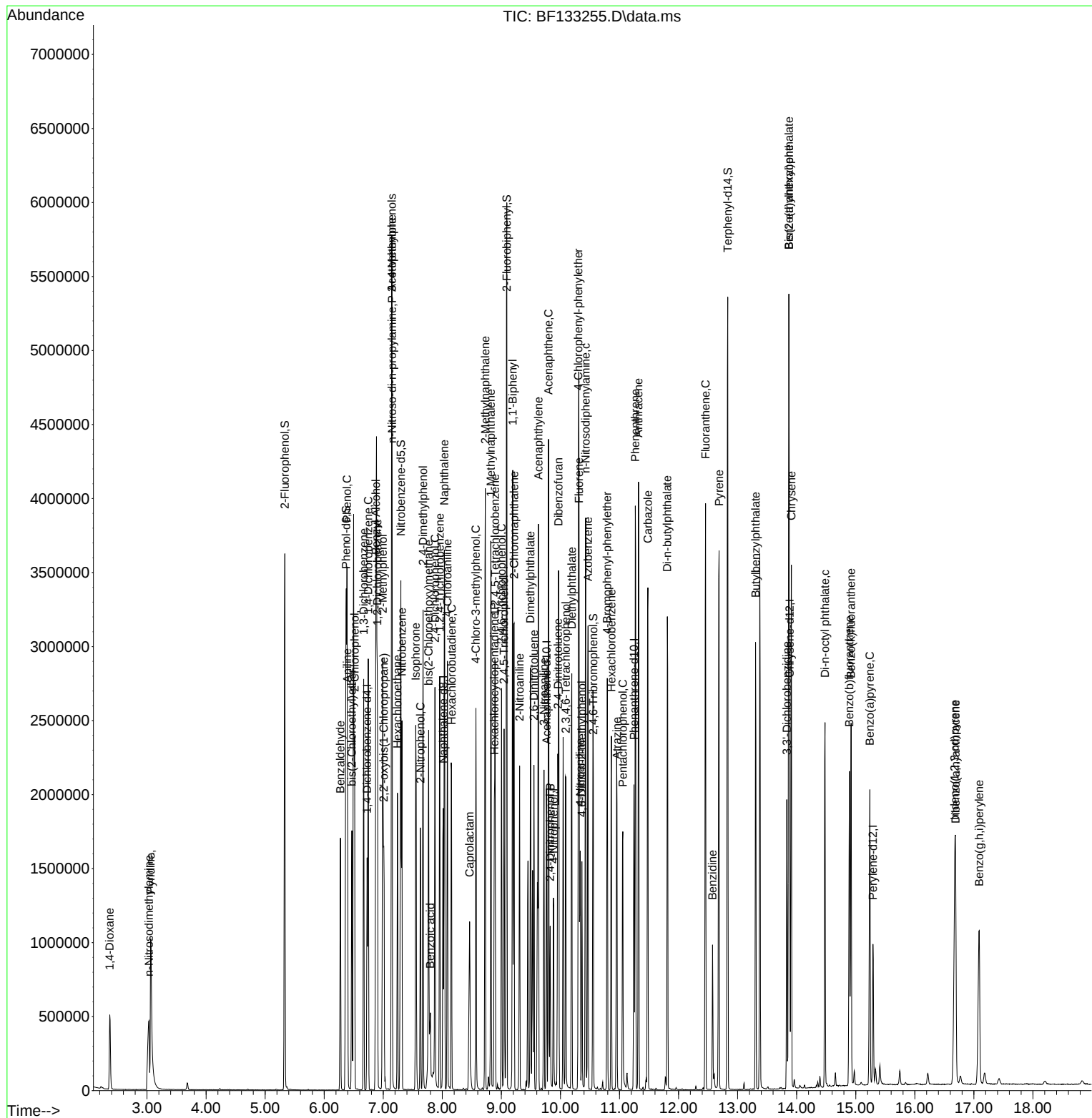
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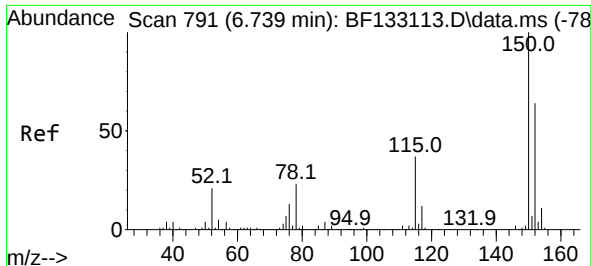
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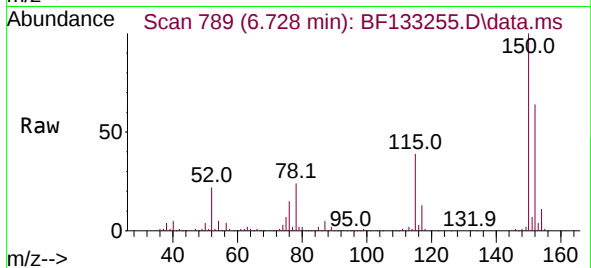
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

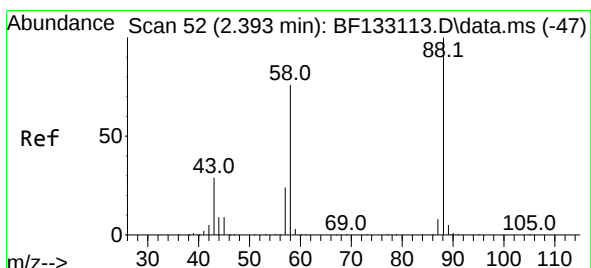
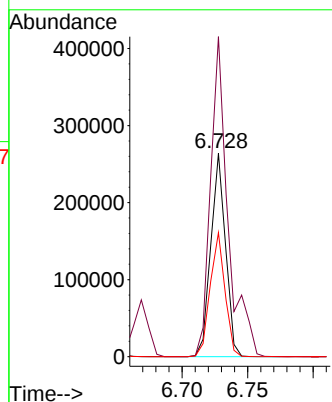
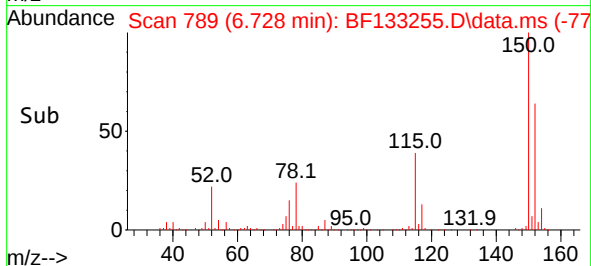


Tgt Ion:152 Resp: 206730
Ion Ratio Lower Upper
152 100
150 157.3 124.8 187.2
115 60.9 49.9 74.9

Manual Integrations

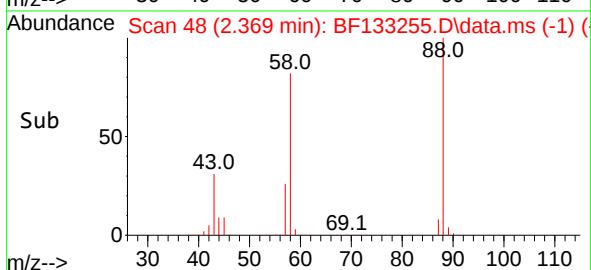
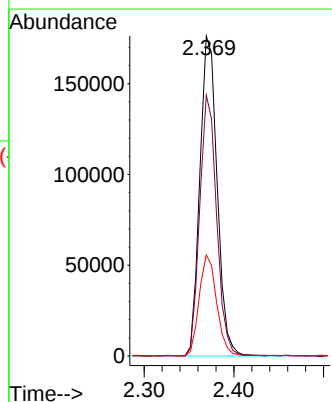
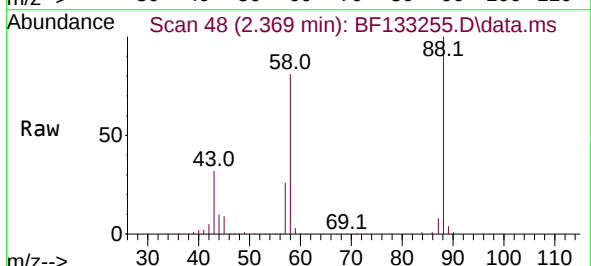
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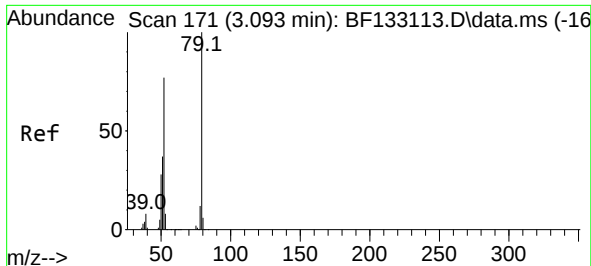
Reviewed By :Christian Giraldo 05/08/2023
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#2
1,4-Dioxane
Concen: 37.176 ng
RT: 2.369 min Scan# 48
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51

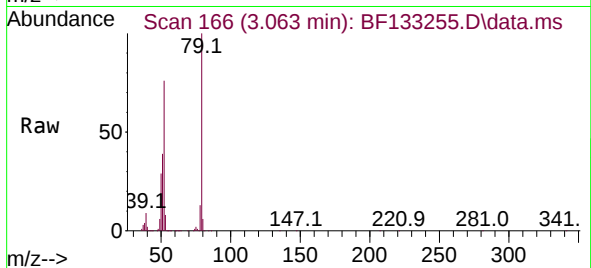
Tgt Ion: 88 Resp: 235984
Ion Ratio Lower Upper
88 100
58 79.6 64.7 97.1
43 31.6 26.2 39.2





#3
Pyridine
Concen: 38.347 ng
RT: 3.063 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51

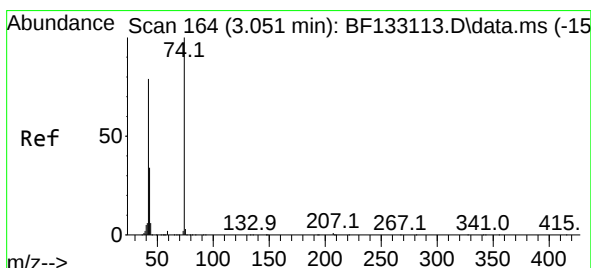
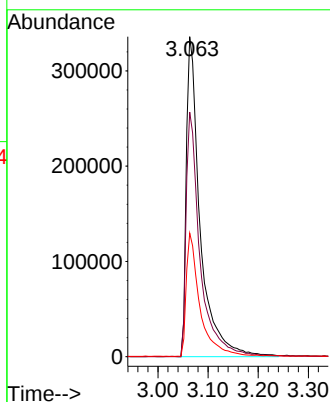
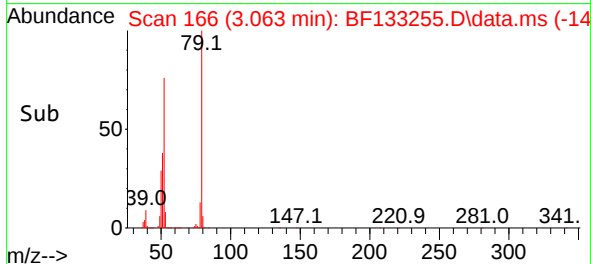
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BNA_F
ClientSampleId :
SSTDCCC040



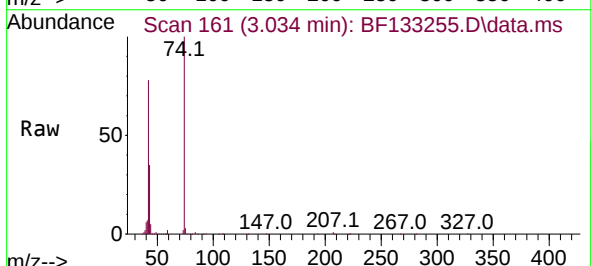
Tgt Ion: 79 Resp: 646509
Ion Ratio Lower Upper
79 100
52 76.5 64.6 96.8
51 38.6 30.0 45.0

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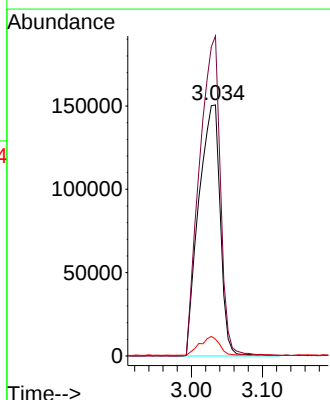
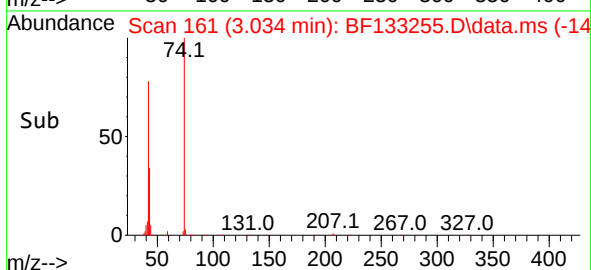
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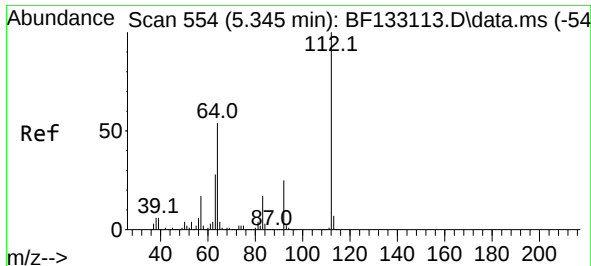


#4
n-Nitrosodimethylamine
Concen: 36.279 ng
RT: 3.034 min Scan# 161
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51



Tgt Ion: 42 Resp: 316811
Ion Ratio Lower Upper
42 100
74 127.5 98.0 147.0
44 6.7 5.8 8.8





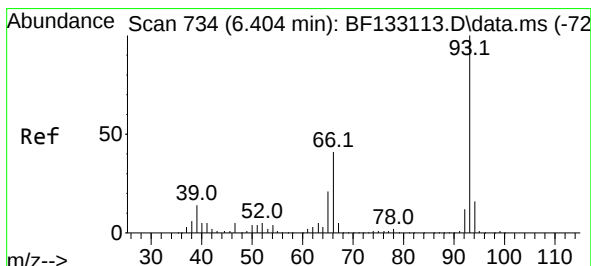
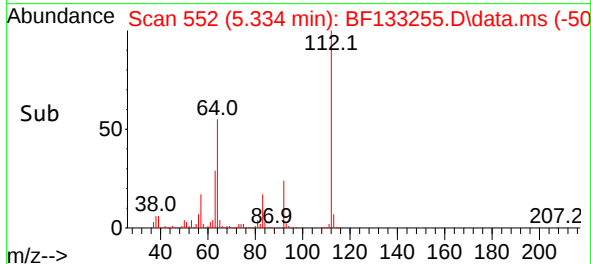
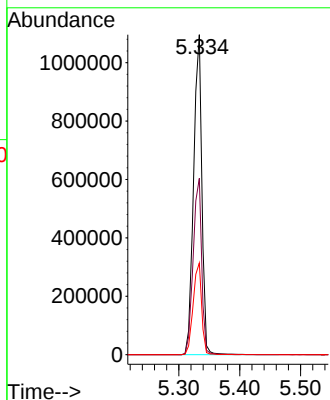
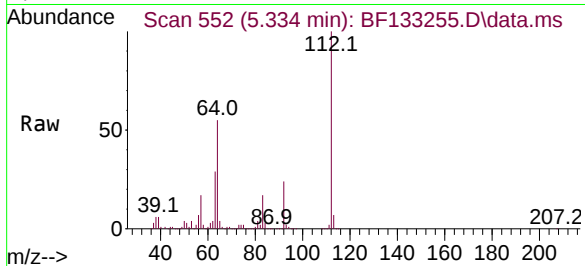
#5
2-Fluorophenol
Concen: 75.793 ng
RT: 5.334 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51

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Tgt Ion:112 Resp: 1037230
Ion Ratio Lower Upper
112 100
64 55.1 46.8 70.2
63 28.6 23.8 35.8

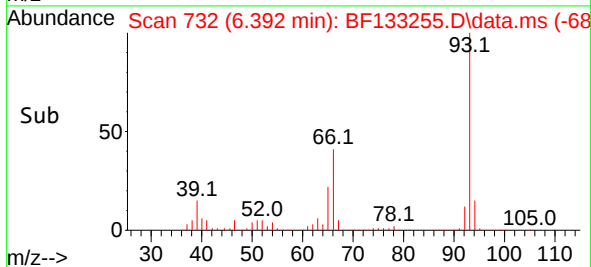
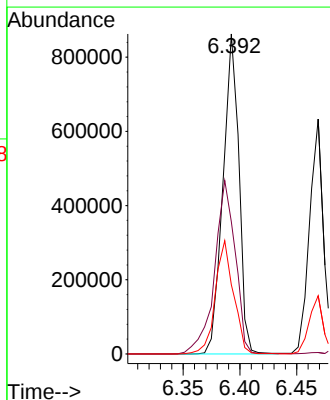
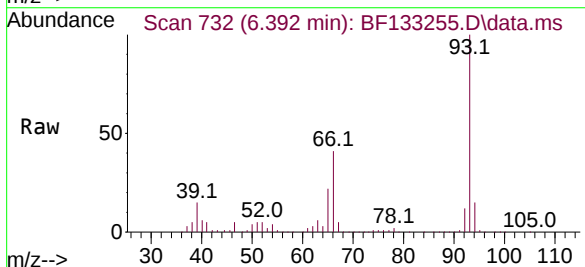
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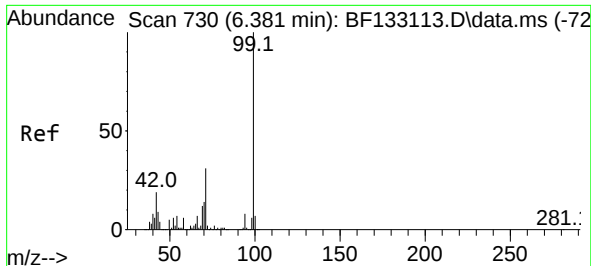
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#6
Aniline
Concen: 38.577 ng
RT: 6.392 min Scan# 732
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51

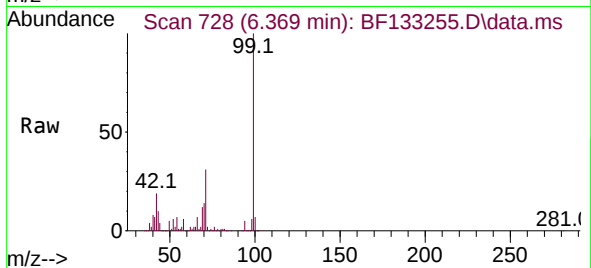
Tgt Ion: 93 Resp: 843975
Ion Ratio Lower Upper
93 100
66 41.4 31.5 47.3
65 21.6 16.4 24.6





#7
Phenol-d6
Concen: 76.091 ng
RT: 6.369 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133255.D
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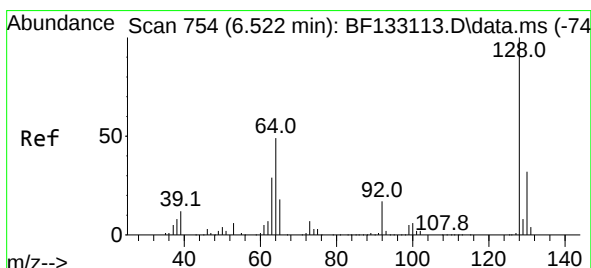
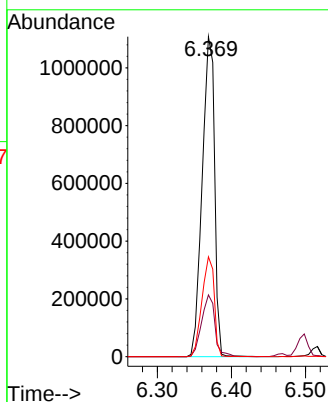
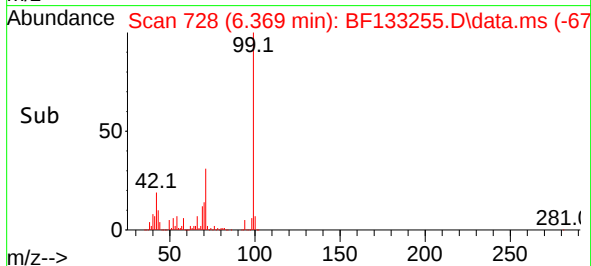
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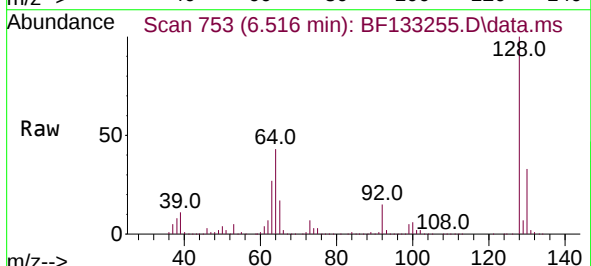
Tgt Ion: 99 Resp: 129249
Ion Ratio Lower Upper
99 100
42 19.3 16.3 24.5
71 31.2 25.6 38.4

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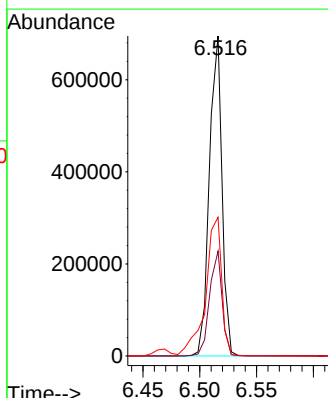
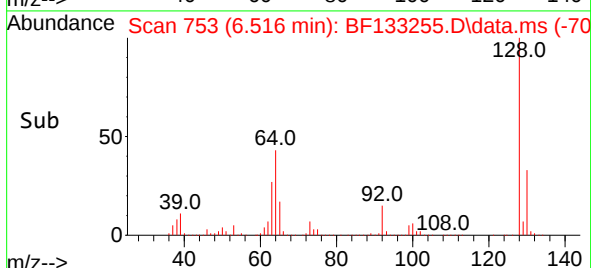
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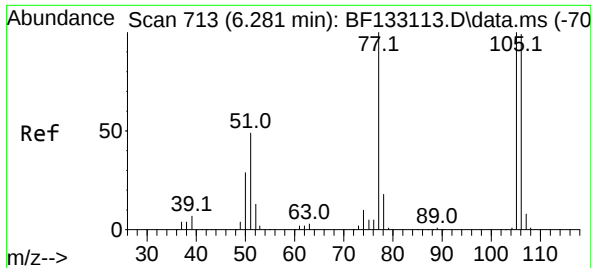


#8
2-Chlorophenol
Concen: 38.537 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51



Tgt Ion:128 Resp: 535473
Ion Ratio Lower Upper
128 100
130 32.8 12.2 52.2
64 43.4 30.3 70.3





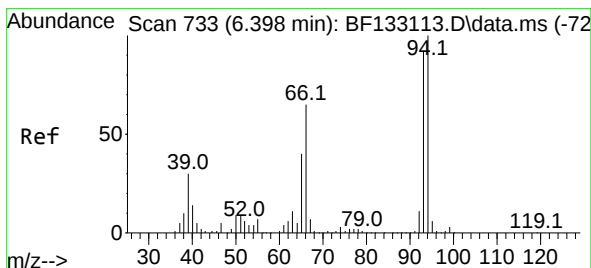
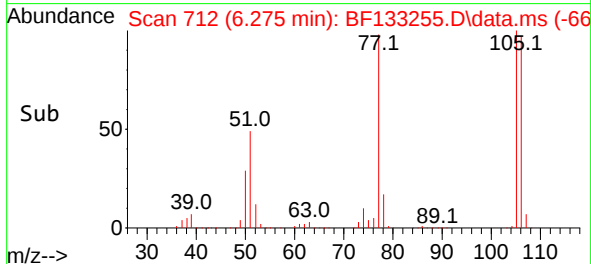
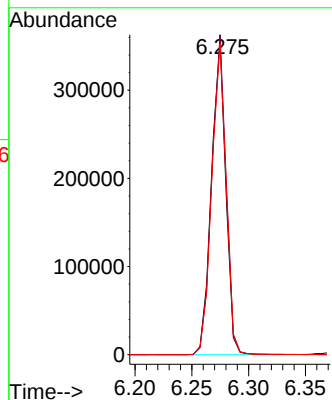
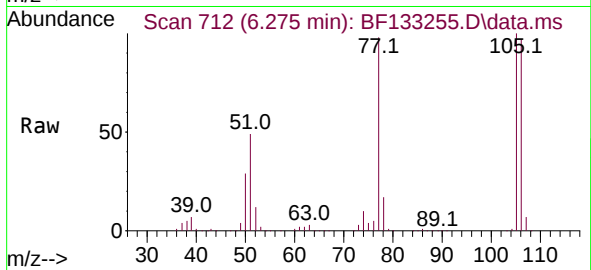
#9
Benzaldehyde
Concen: 39.774 ng
RT: 6.275 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51

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Tgt Ion: 77 Resp: 312299
Ion Ratio Lower Upper
77 100
105 101.6 82.3 122.3
106 98.7 80.8 120.8

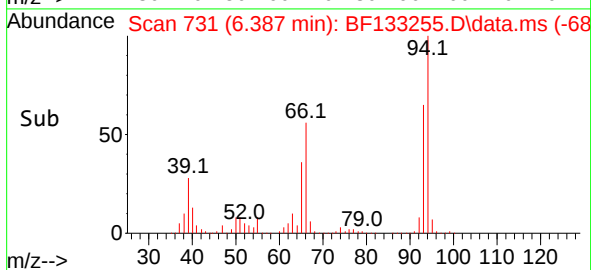
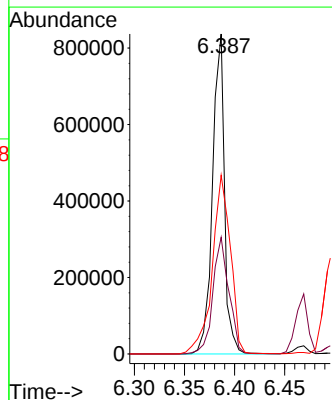
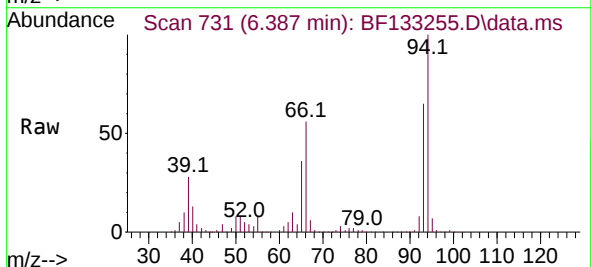
Manual Integrations
APPROVED

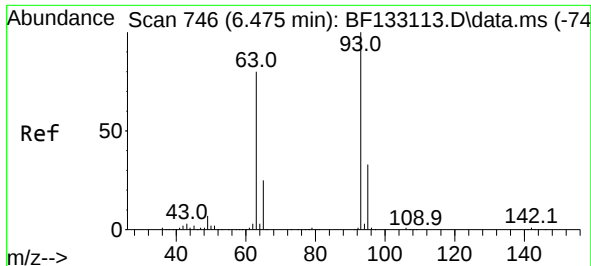
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#10
Phenol
Concen: 37.285 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51

Tgt Ion: 94 Resp: 698680
Ion Ratio Lower Upper
94 100
65 36.5 8.6 48.6
66 55.9 17.3 57.3





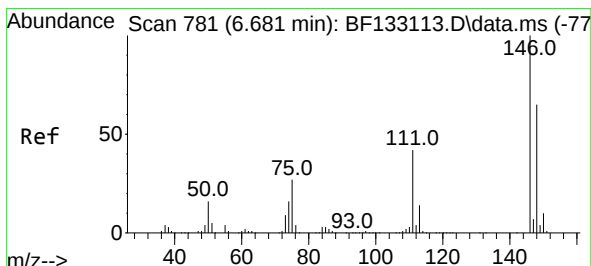
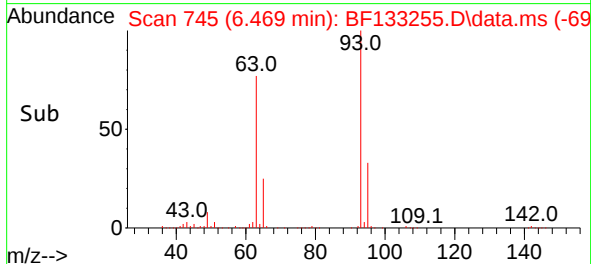
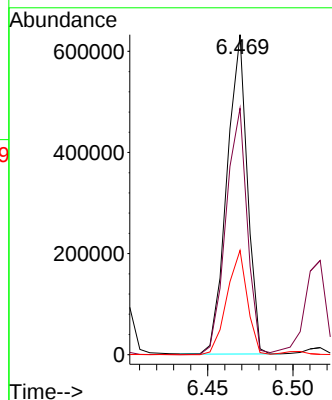
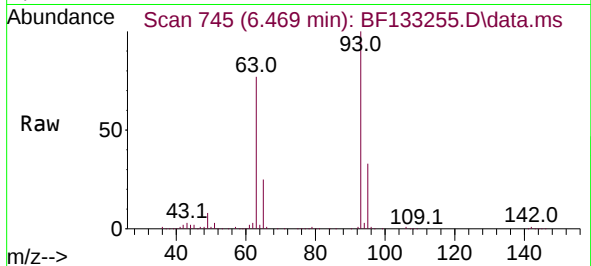
#11
bis(2-Chloroethyl)ether
Concen: 37.542 ng
RT: 6.469 min Scan# 746
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 52791
Ion Ratio Lower Upper
93 100
63 77.0 60.6 100.6
95 32.6 12.9 52.9

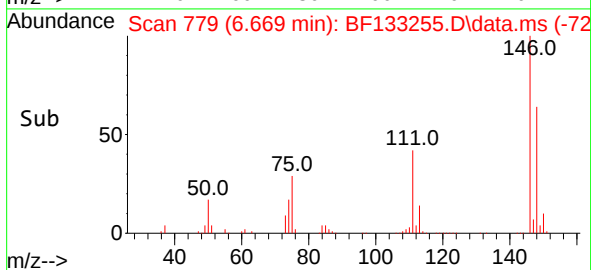
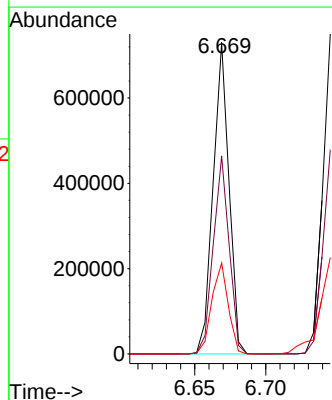
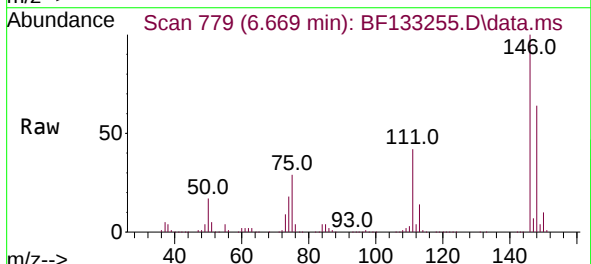
Manual Integrations
APPROVED

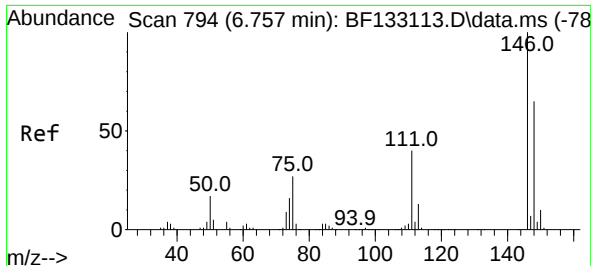
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#12
1,3-Dichlorobenzene
Concen: 38.230 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51

Tgt Ion:146 Resp: 564766
Ion Ratio Lower Upper
146 100
148 63.6 51.0 76.4
75 29.2 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 37.939 ng

RT: 6.745 min Scan# 794

Delta R.T. 0.000 min

Lab File: BF133255.D

Acq: 05 May 2023 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 561709

Ion Ratio Lower Upper

146 100

148 63.9 50.3 75.5

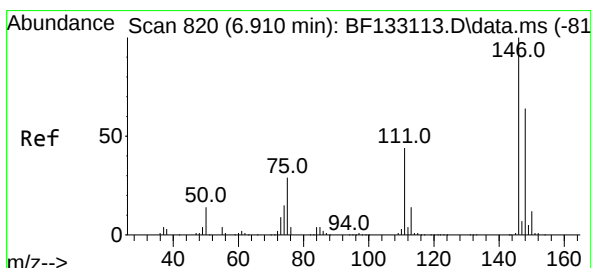
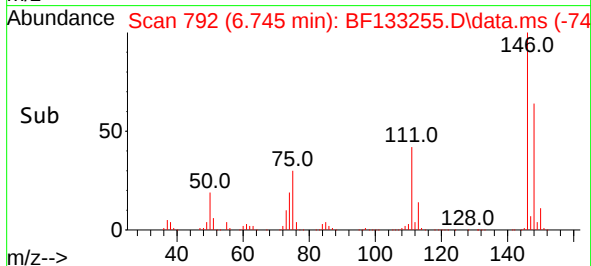
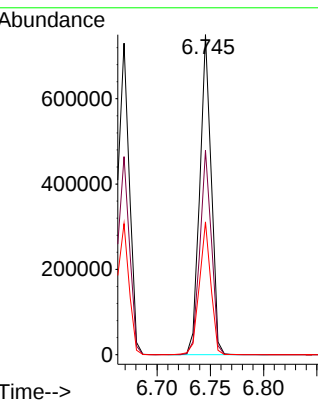
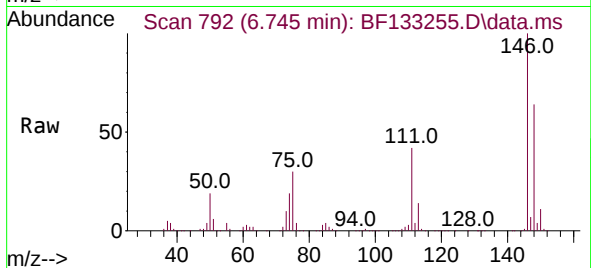
111 41.5 33.8 50.6

Manual Integrations

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Reviewed By :Christian Giraldo 05/08/2023

Supervised By :Jagrut Upadhyay 05/08/2023



#14

1,2-Dichlorobenzene

Concen: 39.011 ng

RT: 6.898 min Scan# 818

Delta R.T. 0.000 min

Lab File: BF133255.D

Acq: 05 May 2023 09:51

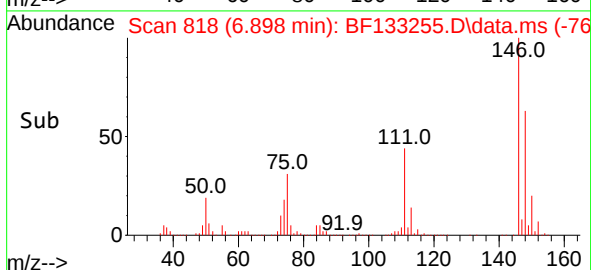
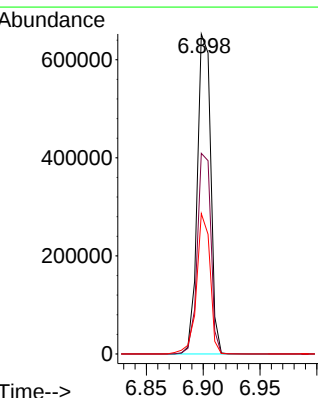
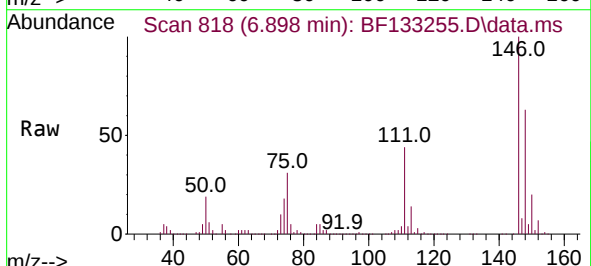
Tgt Ion:146 Resp: 532488

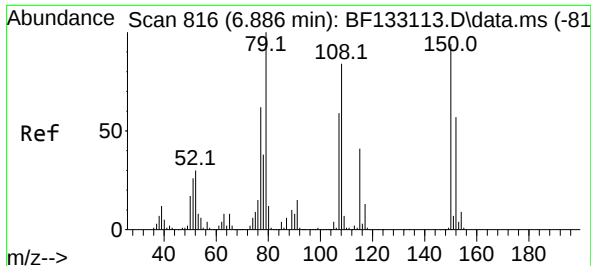
Ion Ratio Lower Upper

146 100

148 62.7 52.2 78.2

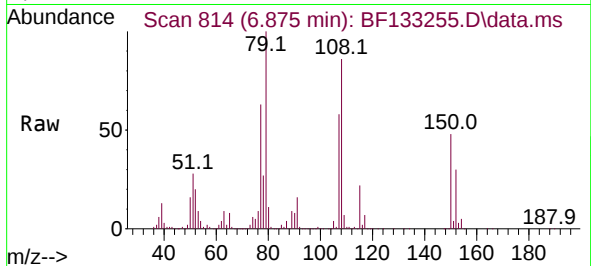
111 43.8 32.8 49.2





#15
Benzyl Alcohol
Concen: 37.798 ng
RT: 6.875 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51

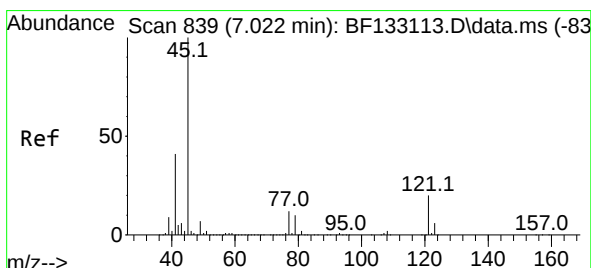
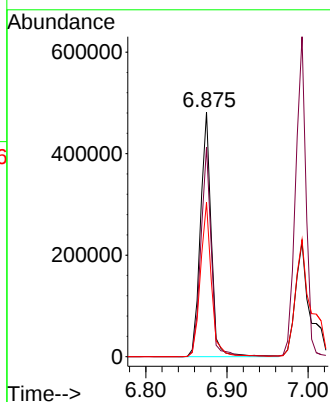
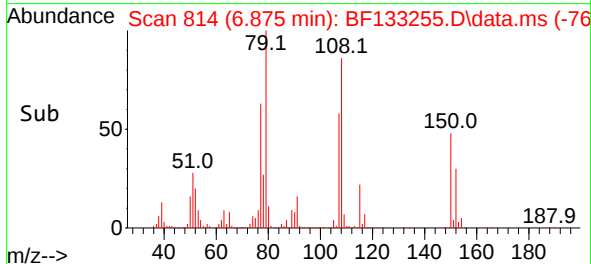
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



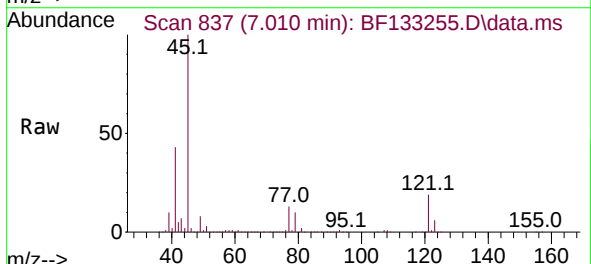
Tgt Ion: 79 Resp: 443498
Ion Ratio Lower Upper
79 100
108 85.7 66.6 99.8
77 63.1 49.2 73.8

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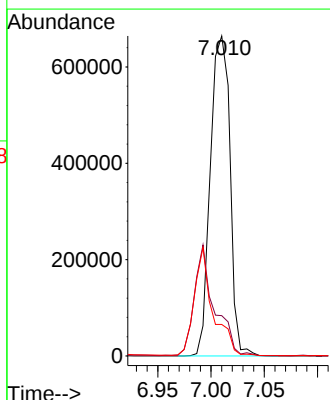
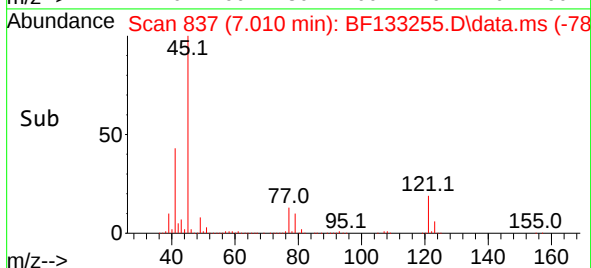
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

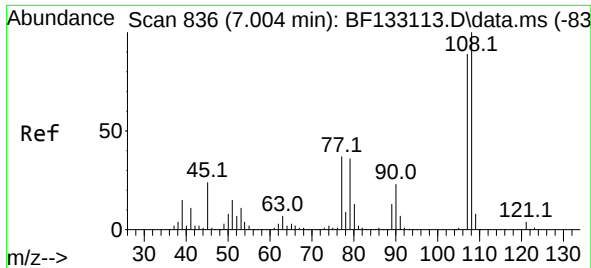


#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.742 ng
RT: 7.010 min Scan# 837
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51



Tgt Ion: 45 Resp: 848516
Ion Ratio Lower Upper
45 100
77 12.6 0.0 31.5
79 9.8 0.0 28.7





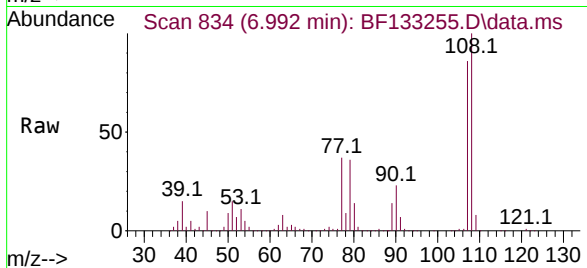
#17
2-Methylphenol
Concen: 37.503 ng
RT: 6.992 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

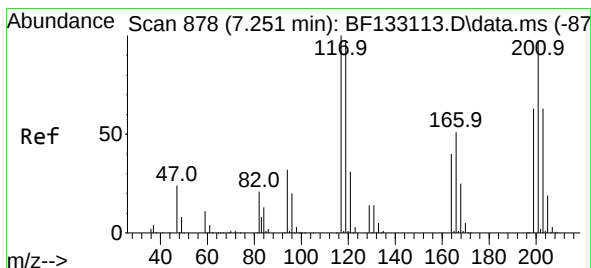
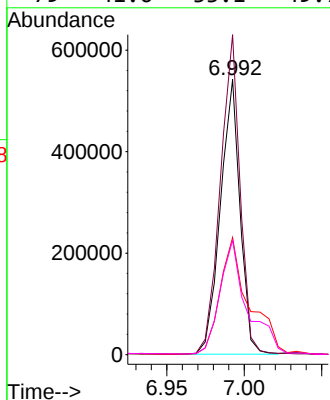
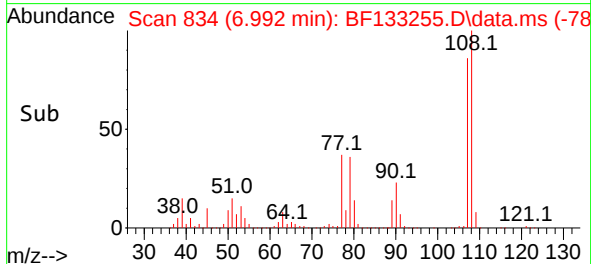


Tgt Ion:107 Resp: 477168
Ion Ratio Lower Upper
107 100
108 116.3 92.4 138.6
77 42.6 33.8 50.8
79 41.6 33.1 49.7

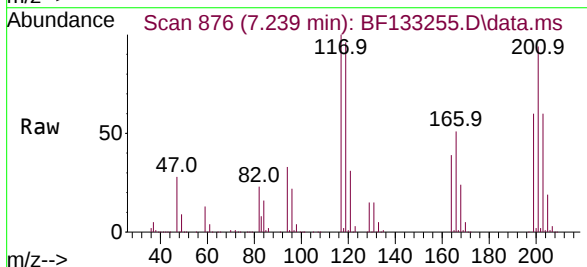
Manual Integrations

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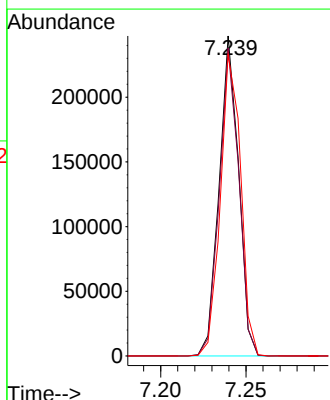
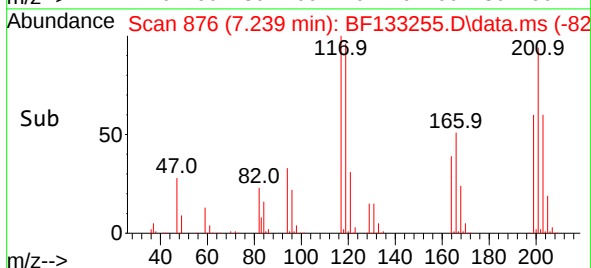
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

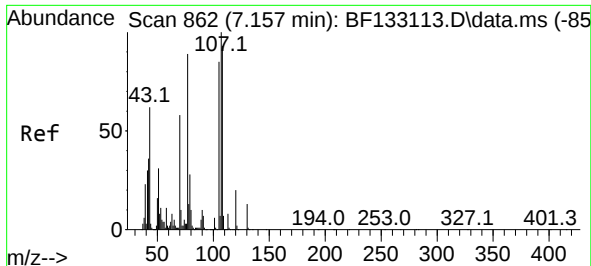


#18
Hexachloroethane
Concen: 38.173 ng
RT: 7.239 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51



Tgt Ion:117 Resp: 196495
Ion Ratio Lower Upper
117 100
119 96.2 78.2 117.4
201 94.2 81.7 122.5





#19

n-Nitroso-di-n-propylamine

Concen: 33.876 ng

RT: 7.151 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF133255.D

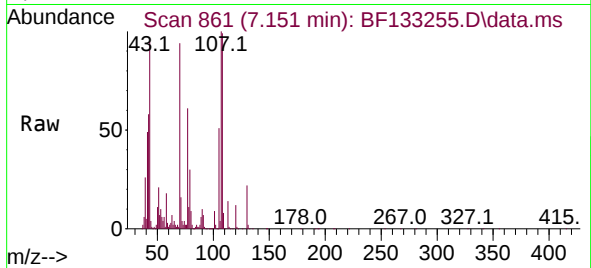
Acq: 05 May 2023 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 35823

Ion Ratio Lower Upper

70 100

42 61.8 51.8 77.6

101 9.9 8.0 12.0

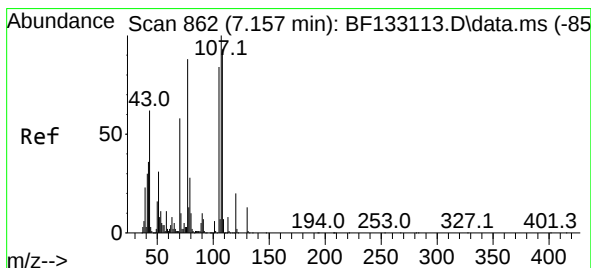
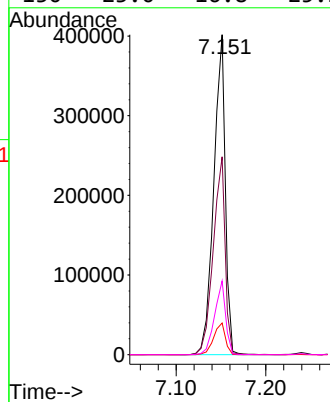
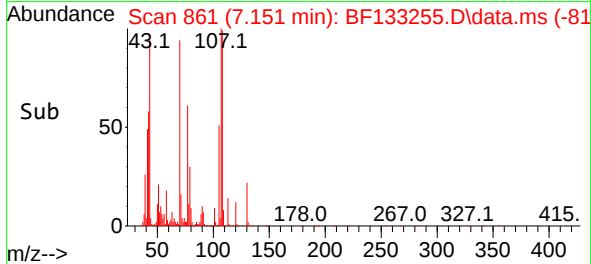
130 23.0 16.8 25.2

Manual Integrations

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Reviewed By :Christian Giraldo 05/08/2023

Supervised By :Jagrut Upadhyay 05/08/2023



#20

3+4-Methylphenols

Concen: 37.281 ng

RT: 7.145 min Scan# 860

Delta R.T. 0.000 min

Lab File: BF133255.D

Acq: 05 May 2023 09:51

Tgt Ion:107 Resp: 558606

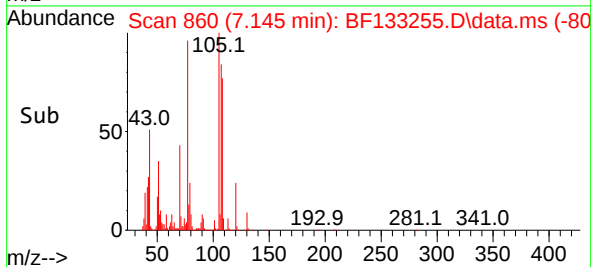
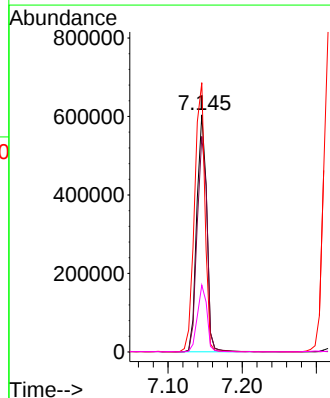
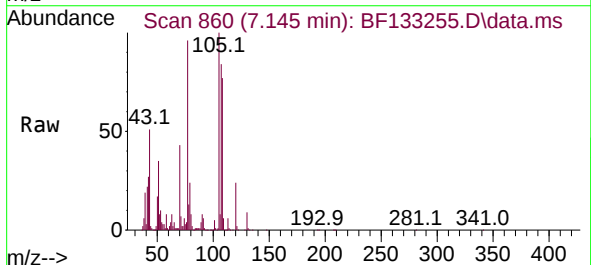
Ion Ratio Lower Upper

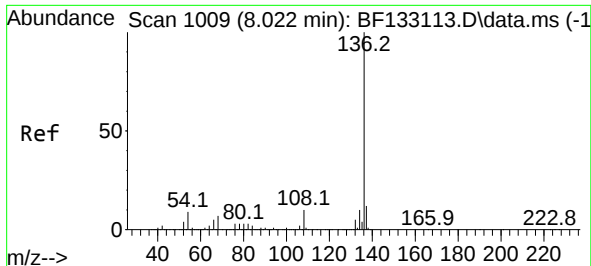
107 100

108 90.9 70.5 110.5

77 113.6 91.7 131.7

79 28.2 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51

Instrument :

BNA_F

ClientSampleId :

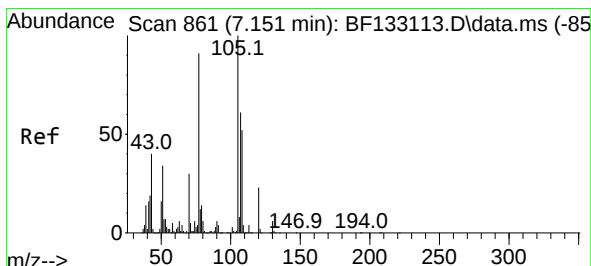
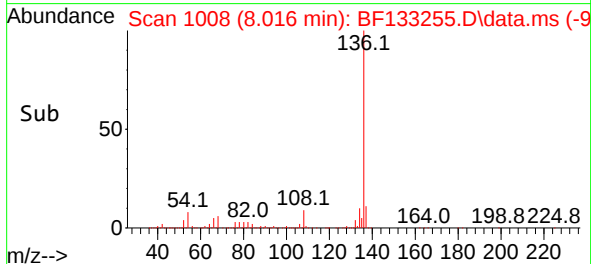
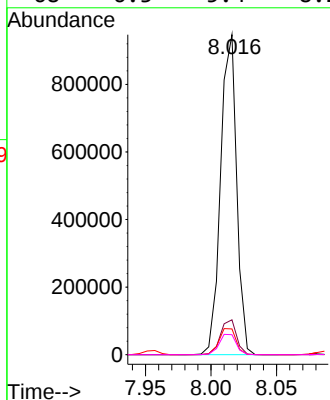
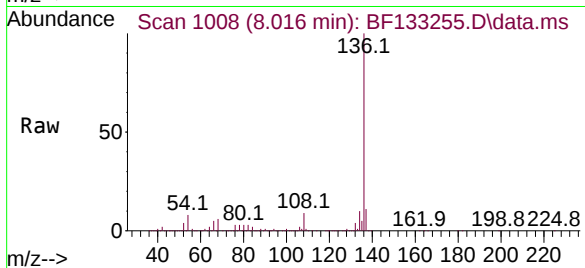
SSTDCCC040

Tgt Ion:136 Resp: 803360
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.1 7.0 10.4
68 6.3 5.4 8.2

Manual Integrations

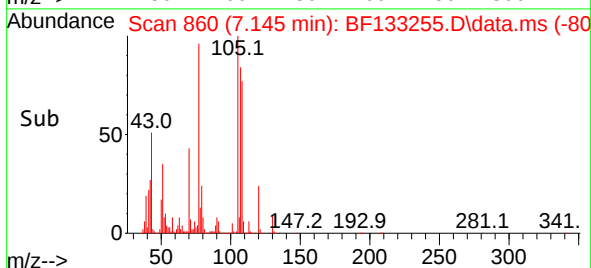
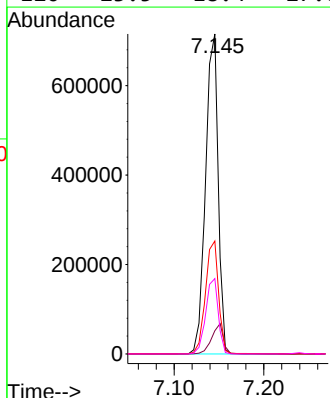
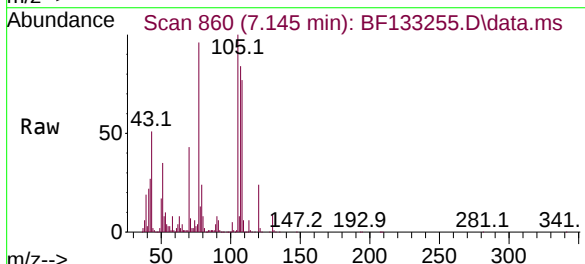
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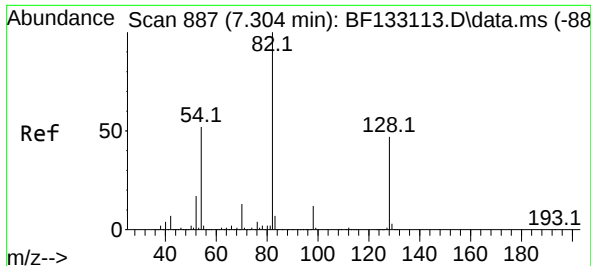
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#22
Acetophenone
Concen: 37.565 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51

Tgt Ion:105 Resp: 699071
Ion Ratio Lower Upper
105 100
71 7.3 4.6 7.0#
51 35.3 28.2 42.2
120 23.5 18.4 27.6





#23

Nitrobenzene-d5

Concen: 77.105 ng

RT: 7.298 min Scan# 886

Delta R.T. 0.000 min

Lab File: BF133255.D

Acq: 05 May 2023 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1147592

Ion Ratio Lower Upper

82 100

128 48.8 37.7 56.5

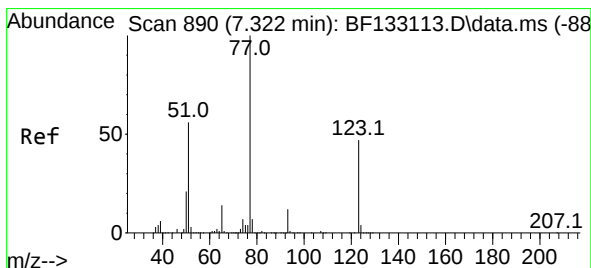
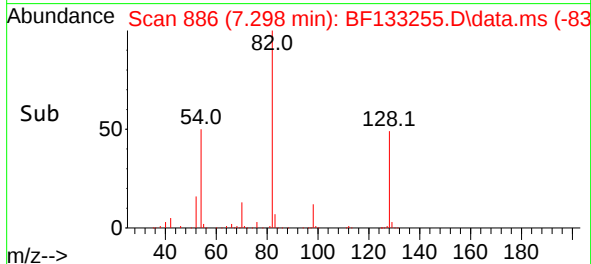
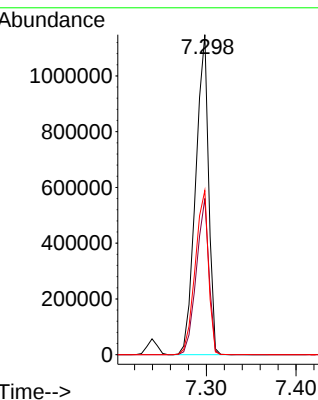
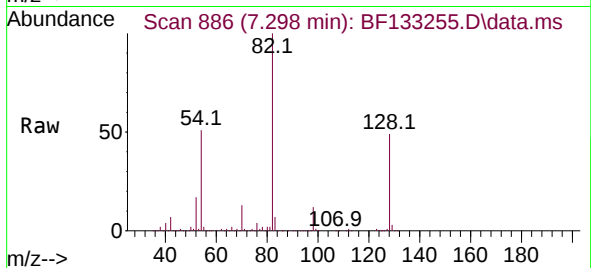
54 51.3 43.0 64.4

Manual Integrations

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Reviewed By :Christian Giraldo 05/08/2023

Supervised By :Jagrut Upadhyay 05/08/2023



#24

Nitrobenzene

Concen: 38.590 ng

RT: 7.316 min Scan# 889

Delta R.T. 0.000 min

Lab File: BF133255.D

Acq: 05 May 2023 09:51

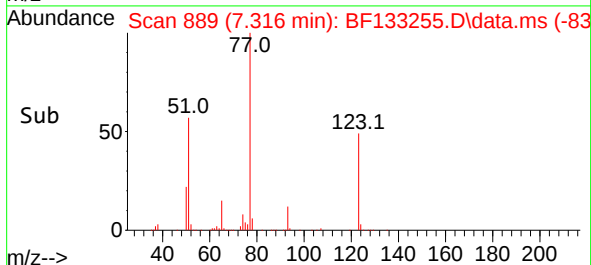
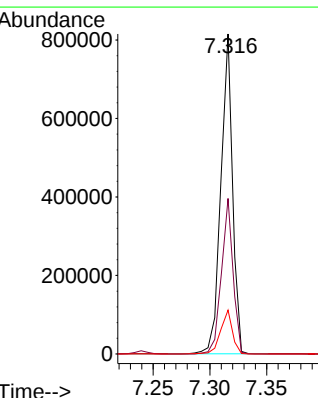
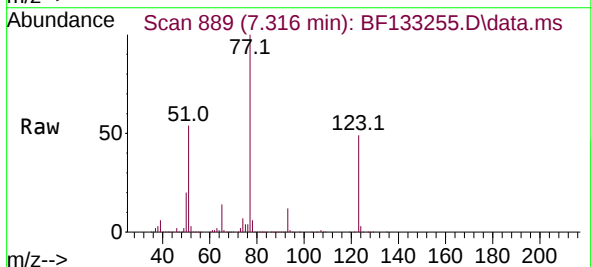
Tgt Ion: 77 Resp: 582004

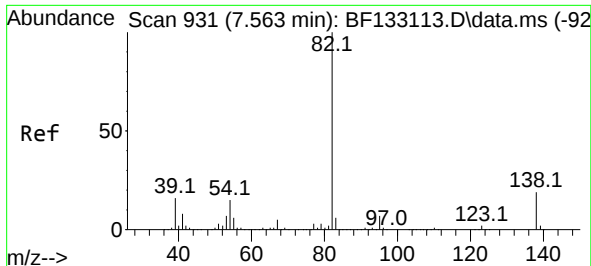
Ion Ratio Lower Upper

77 100

123 48.6 39.9 59.9

65 13.7 10.7 16.1





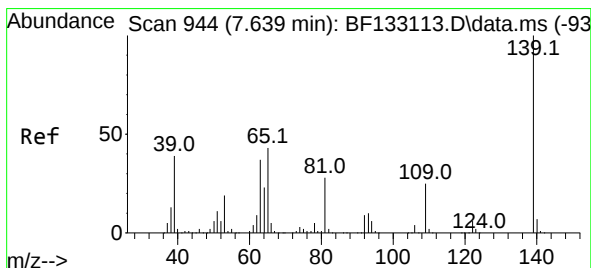
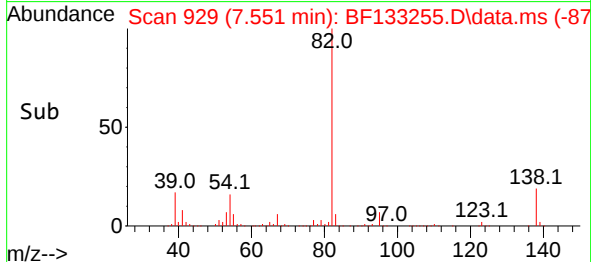
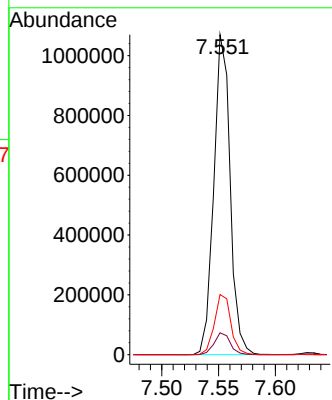
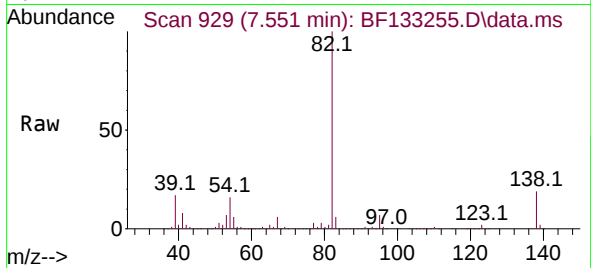
#25
Isophorone
Concen: 37.881 ng
RT: 7.551 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 107044
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 18.8 16.0 24.0

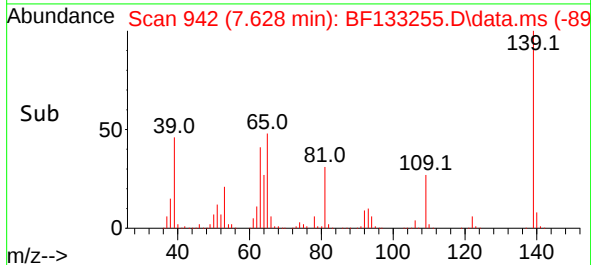
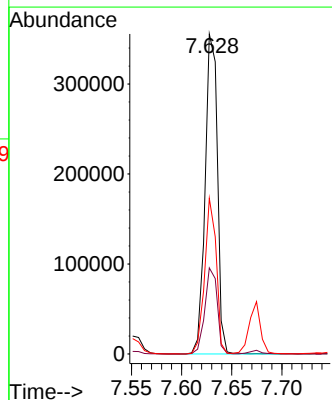
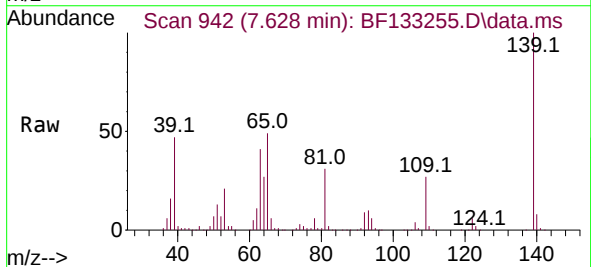
Manual Integrations
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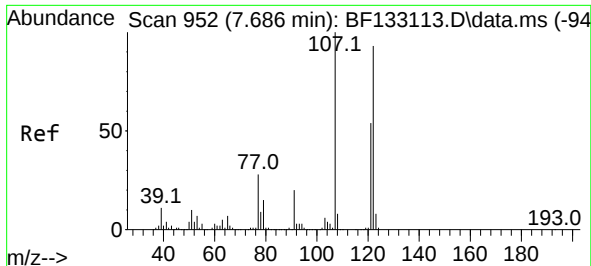
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#26
2-Nitrophenol
Concen: 41.881 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51

Tgt Ion:139 Resp: 304656
Ion Ratio Lower Upper
139 100
109 26.9 21.6 32.4
65 48.6 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 38.817 ng

RT: 7.675 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF133255.D

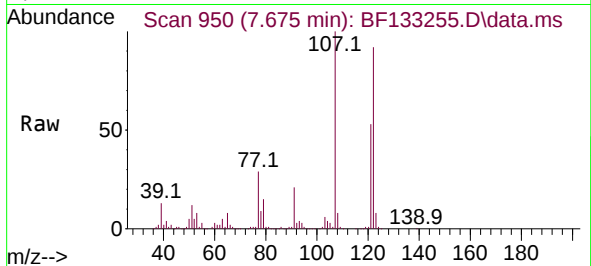
Acq: 05 May 2023 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:122 Resp: 484180

Ion Ratio Lower Upper

122 100

107 108.1 89.7 134.5

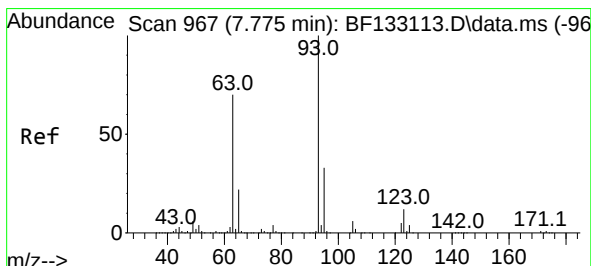
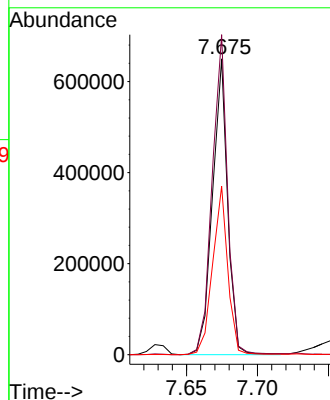
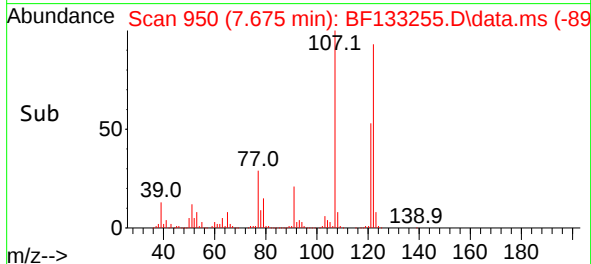
121 57.0 46.0 69.0

Manual Integrations

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Reviewed By :Christian Giraldo 05/08/2023

Supervised By :Jagrut Upadhyay 05/08/2023



#28

bis(2-Chloroethoxy)methane

Concen: 37.409 ng

RT: 7.769 min Scan# 966

Delta R.T. 0.000 min

Lab File: BF133255.D

Acq: 05 May 2023 09:51

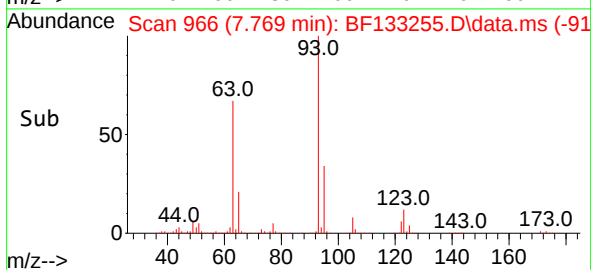
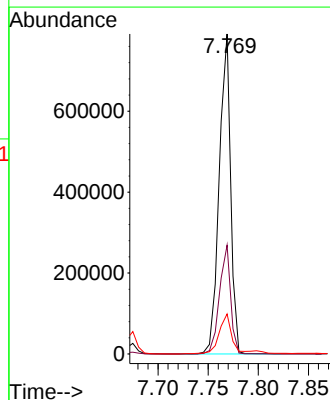
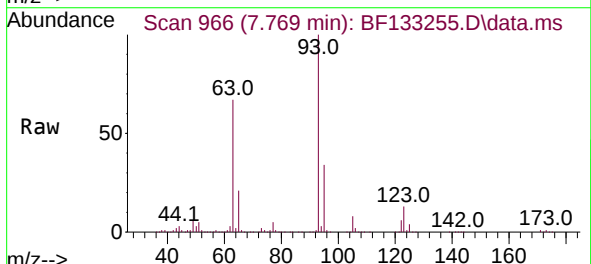
Tgt Ion: 93 Resp: 625374

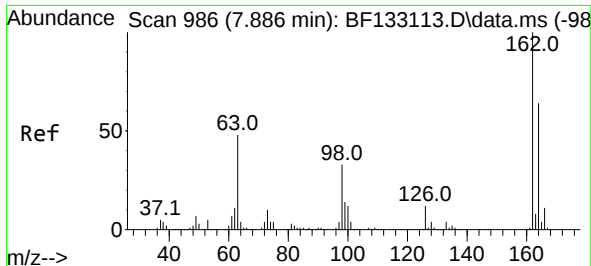
Ion Ratio Lower Upper

93 100

95 34.0 26.4 39.6

123 12.5 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 39.421 ng

RT: 7.875 min Scan# 984

Delta R.T. 0.000 min

Lab File: BF133255.D

Acq: 05 May 2023 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 447630

Ion Ratio Lower Upper

162 100

164 65.1 43.9 83.9

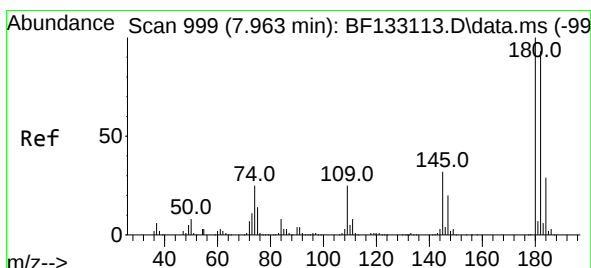
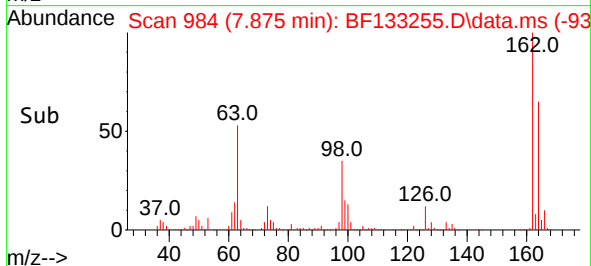
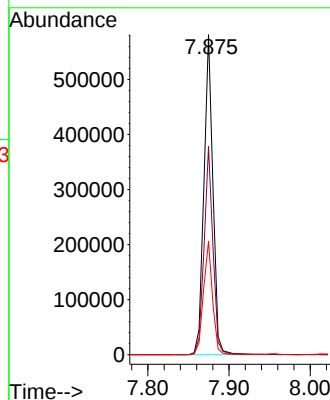
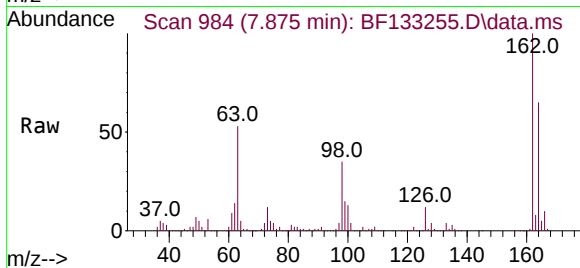
98 35.5 17.0 57.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/08/2023

Supervised By :Jagrut Upadhyay 05/08/2023



#30

1,2,4-Trichlorobenzene

Concen: 39.222 ng

RT: 7.957 min Scan# 998

Delta R.T. 0.000 min

Lab File: BF133255.D

Acq: 05 May 2023 09:51

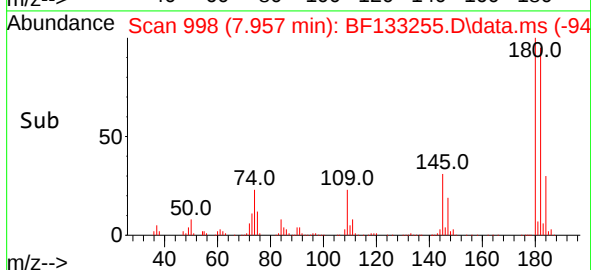
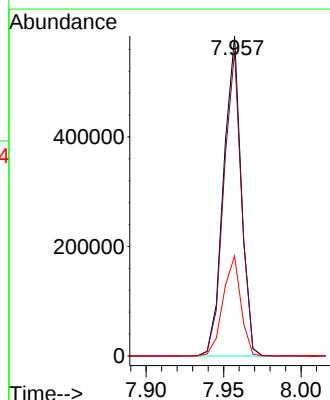
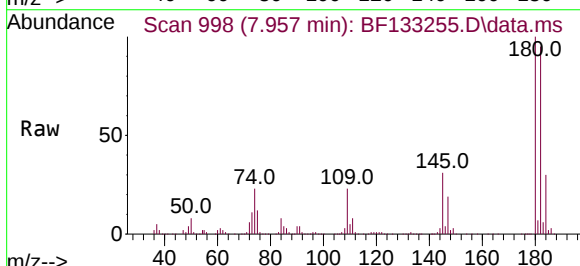
Tgt Ion:180 Resp: 461399

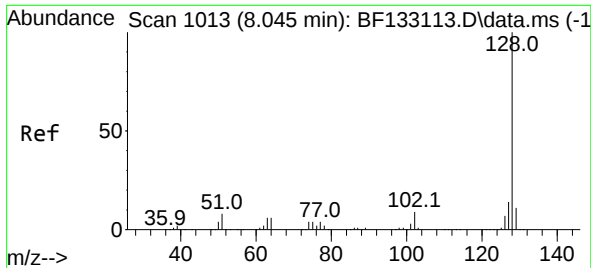
Ion Ratio Lower Upper

180 100

182 95.3 75.9 113.9

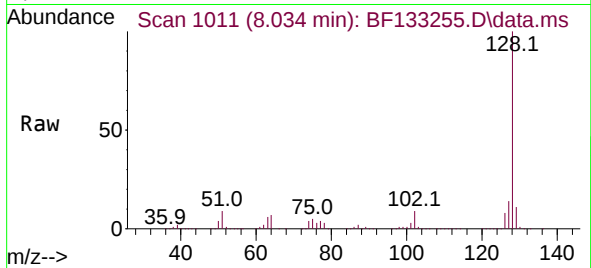
145 31.3 25.3 37.9





#31
Naphthalene
Concen: 38.870 ng
RT: 8.034 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51

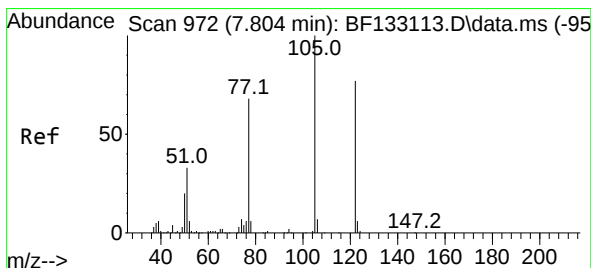
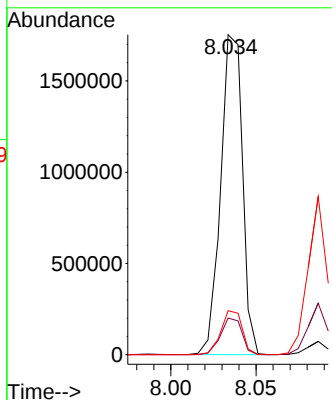
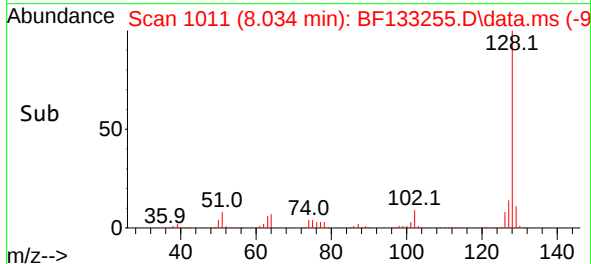
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 1561229
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.7 10.7 16.1

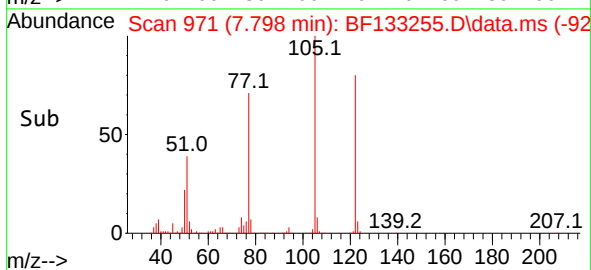
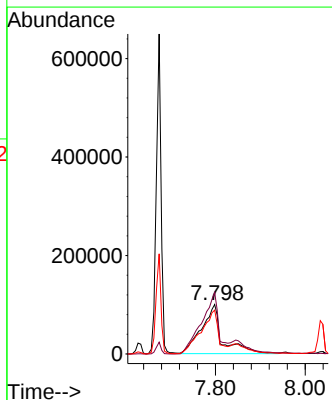
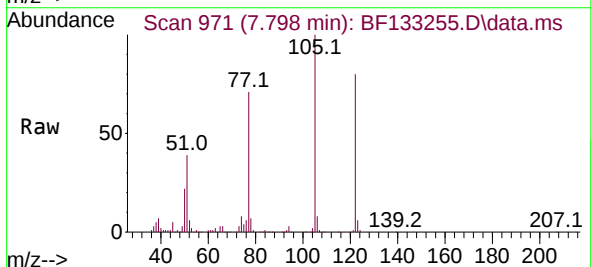
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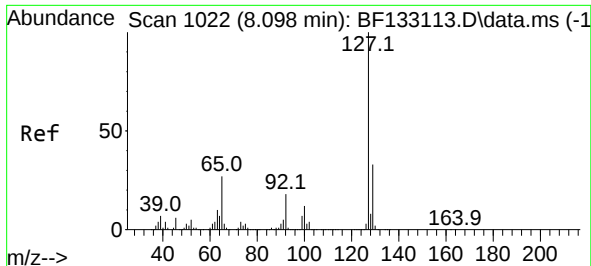
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#32
Benzoic acid
Concen: 41.609 ng m
RT: 7.798 min Scan# 971
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51

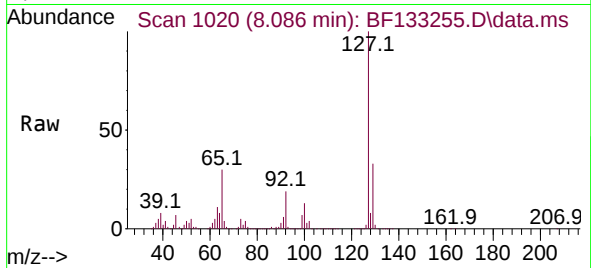
Tgt Ion:122 Resp: 320587
Ion Ratio Lower Upper
122 100
105 124.3 104.2 144.2
77 88.5 69.7 109.7





#33
4-Chloroaniline
Concen: 41.468 ng
RT: 8.086 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51

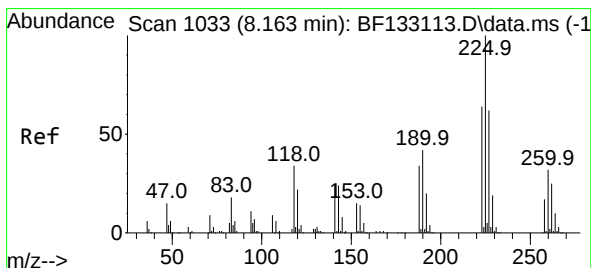
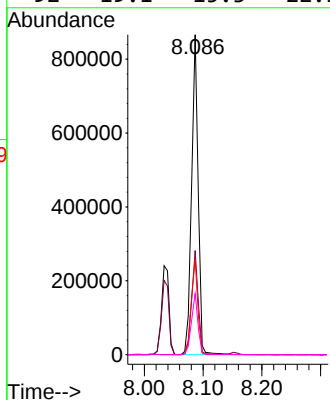
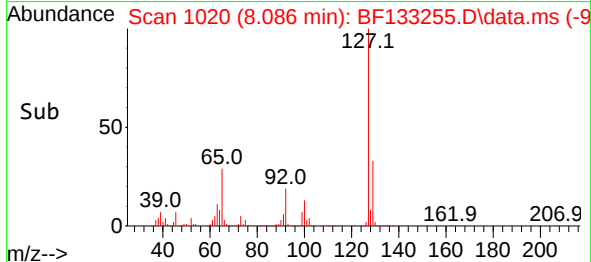
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:127 Resp: 672955
Ion Ratio Lower Upper
127 100
129 32.6 25.8 38.8
65 29.8 23.6 35.4
92 19.1 15.3 22.9

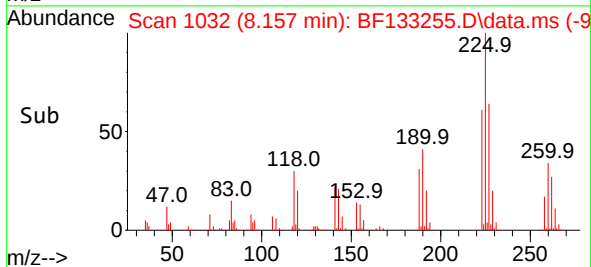
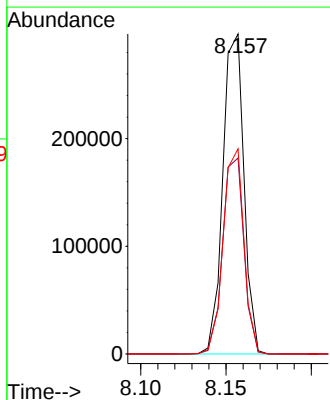
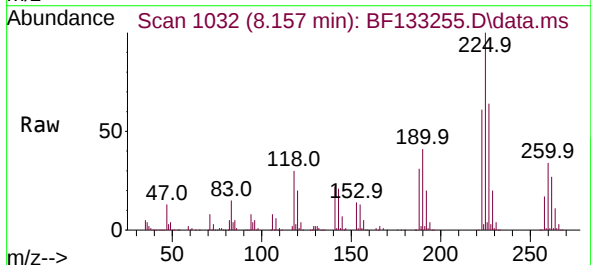
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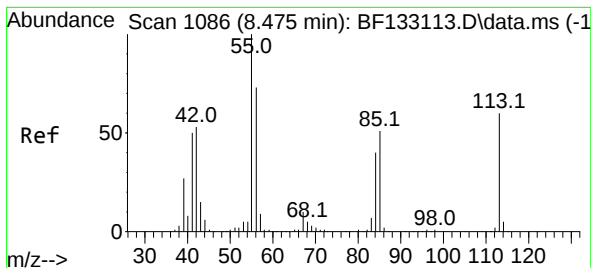
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#34
Hexachlorobutadiene
Concen: 39.301 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51

Tgt Ion:225 Resp: 256245
Ion Ratio Lower Upper
225 100
223 61.3 50.9 76.3
227 64.1 50.3 75.5





#35

Caprolactam

Concen: 41.608 ng

RT: 8.463 min Scan# 1084

Delta R.T. 0.000 min

Lab File: BF133255.D

Acq: 05 May 2023 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:113 Resp: 158720

Ion Ratio Lower Upper

113 100

55 177.9 167.1 207.1

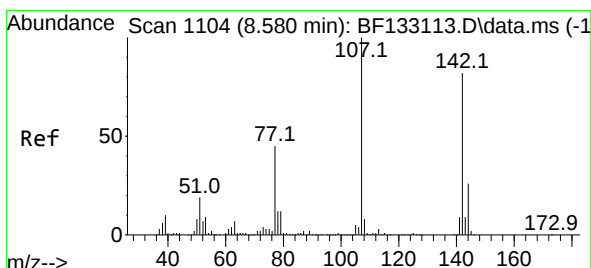
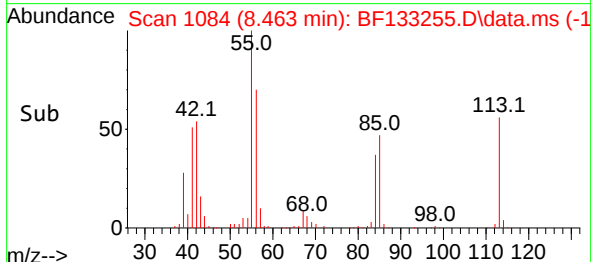
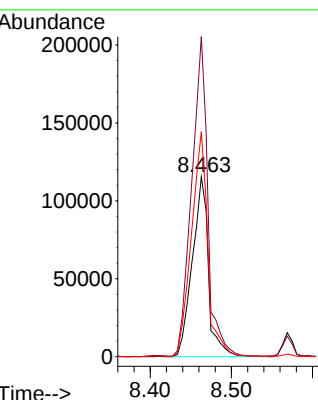
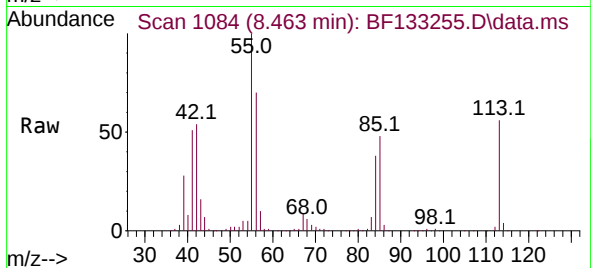
56 125.1 114.5 154.5

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Reviewed By :Christian Giraldo 05/08/2023

Supervised By :Jagrut Upadhyay 05/08/2023



#36

4-Chloro-3-methylphenol

Concen: 39.368 ng

RT: 8.569 min Scan# 1102

Delta R.T. 0.000 min

Lab File: BF133255.D

Acq: 05 May 2023 09:51

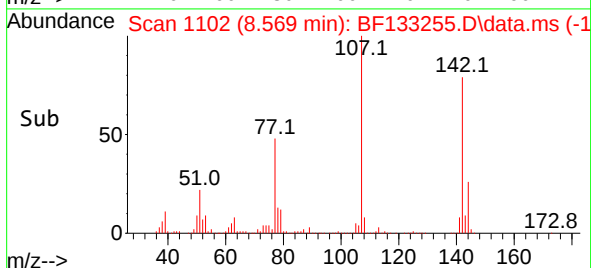
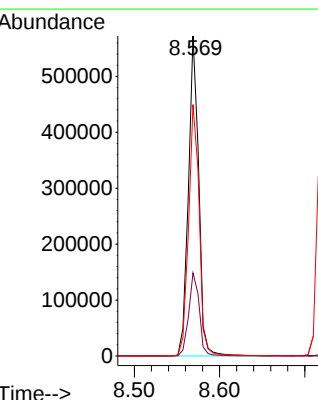
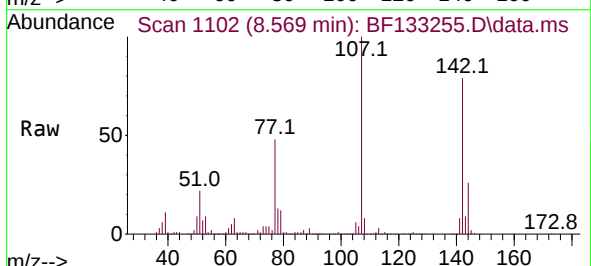
Tgt Ion:107 Resp: 482063

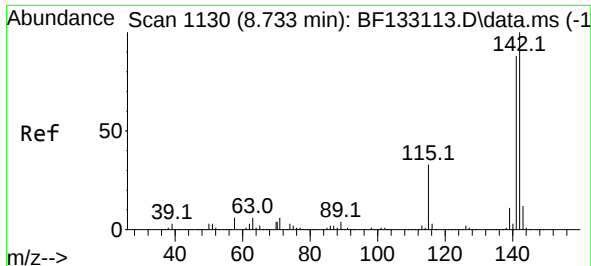
Ion Ratio Lower Upper

107 100

144 25.9 20.6 30.8

142 78.5 62.8 94.2





#37

2-Methylnaphthalene

Concen: 38.031 ng

RT: 8.728 min Scan# 1129

Delta R.T. 0.000 min

Lab File: BF133255.D

Acq: 05 May 2023 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 1044320

Ion Ratio Lower Upper

142 100

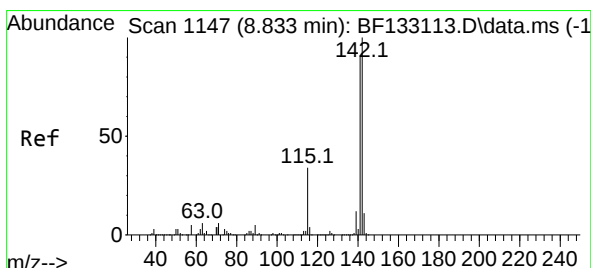
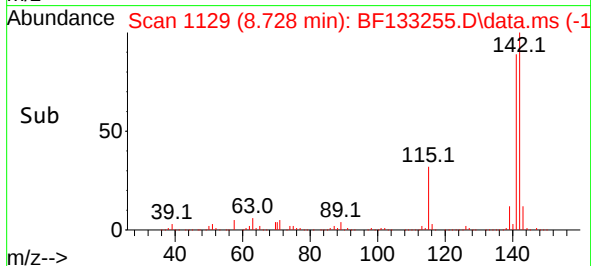
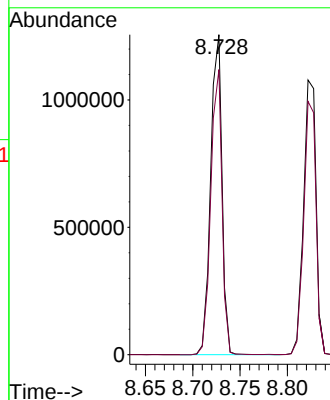
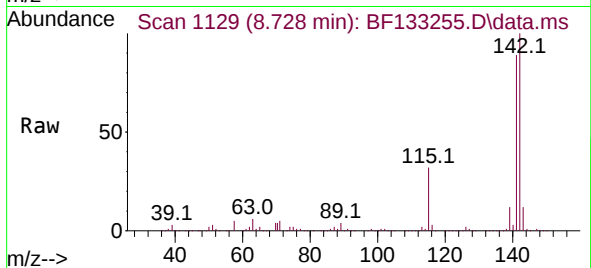
141 89.1 69.4 104.0

Manual Integrations

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Reviewed By :Christian Giraldo 05/08/2023

Supervised By :Jagrut Upadhyay 05/08/2023



#38

1-Methylnaphthalene

Concen: 38.442 ng

RT: 8.822 min Scan# 1145

Delta R.T. 0.000 min

Lab File: BF133255.D

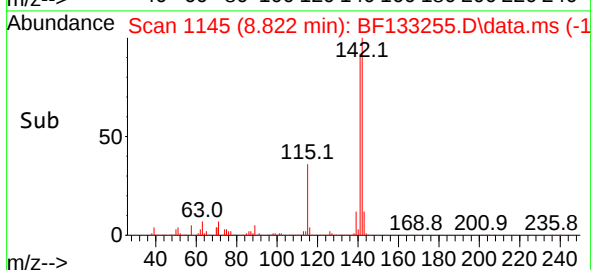
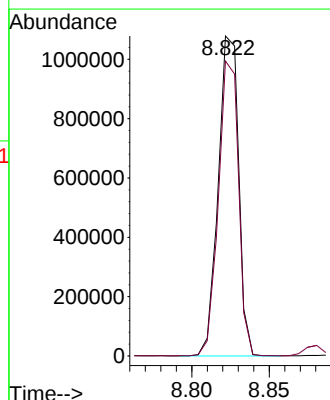
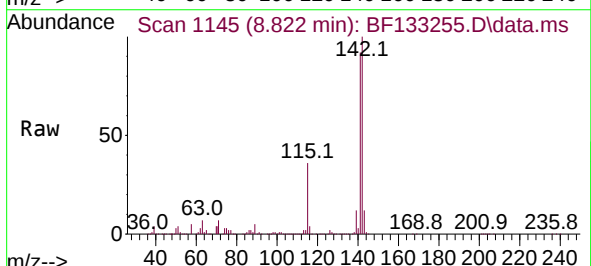
Acq: 05 May 2023 09:51

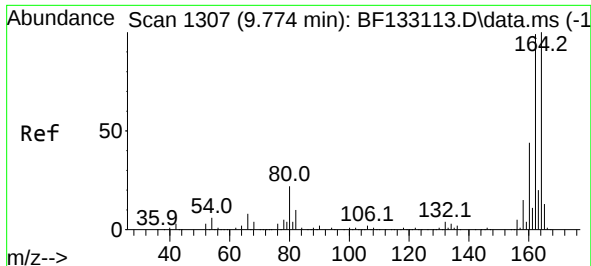
Tgt Ion:142 Resp: 987525

Ion Ratio Lower Upper

142 100

141 92.2 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1105

Delta R.T. 0.000 min

Lab File: BF133255.D

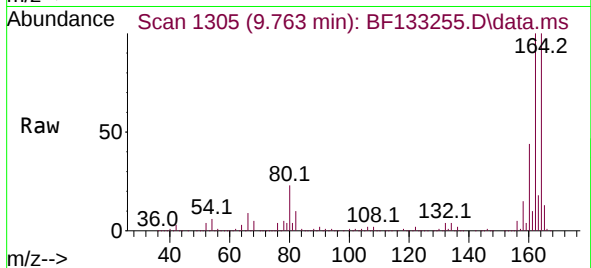
Acq: 05 May 2023 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 41927

Ion Ratio Lower Upper

164 100

162 100.4 78.7 118.1

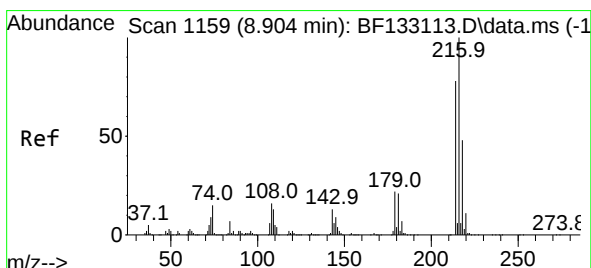
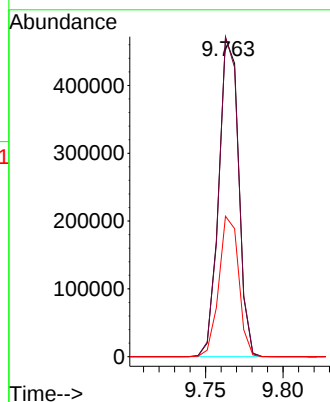
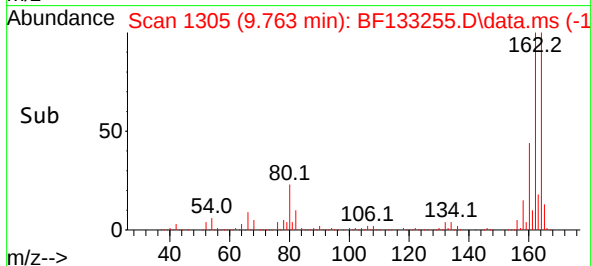
160 44.1 35.8 53.6

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Reviewed By :Christian Giraldo 05/08/2023

Supervised By :Jagrut Upadhyay 05/08/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.198 ng

RT: 8.892 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BF133255.D

Acq: 05 May 2023 09:51

Tgt Ion:216 Resp: 419339

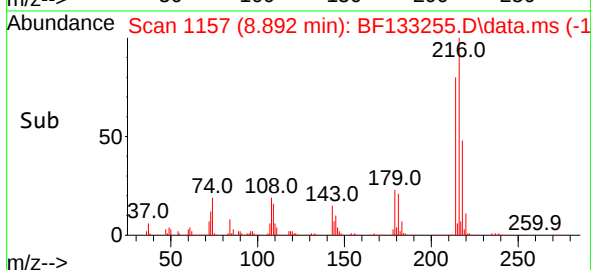
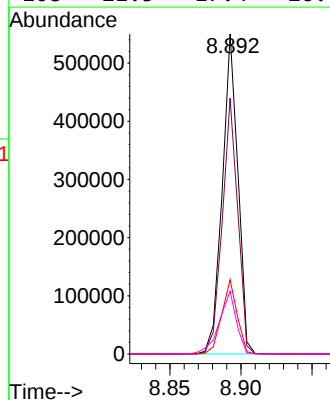
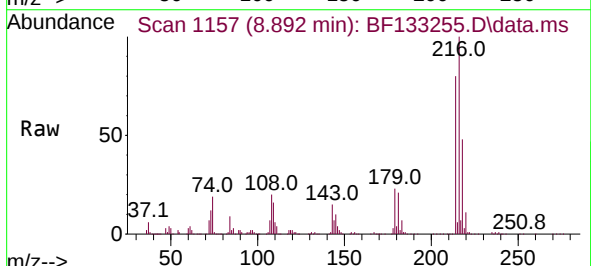
Ion Ratio Lower Upper

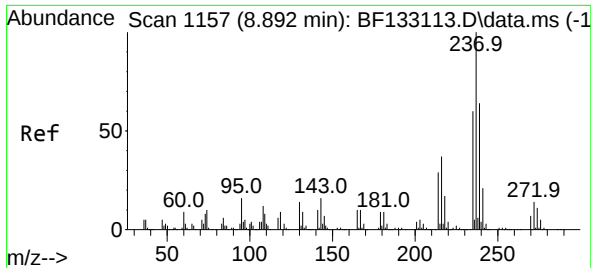
216 100

214 79.1 63.5 95.3

179 22.8 17.4 26.2

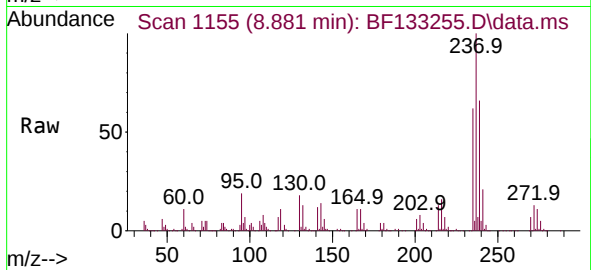
108 21.5 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 33.843 ng
RT: 8.881 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51

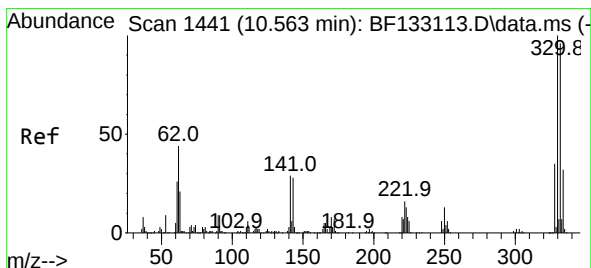
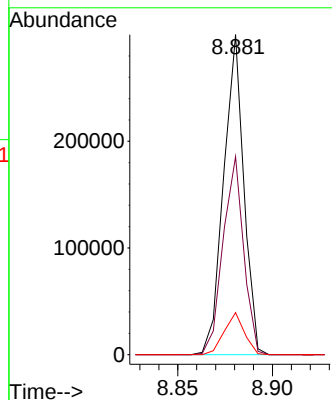
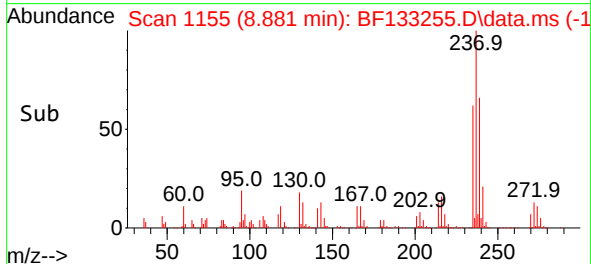
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



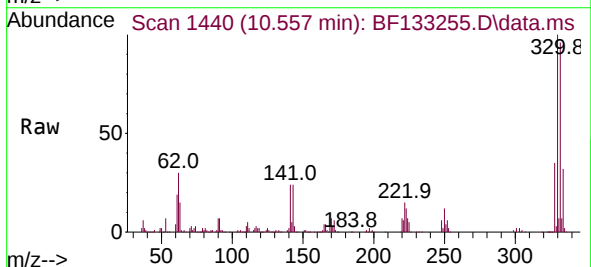
Tgt Ion: 237 Resp: 222498
Ion Ratio Lower Upper
237 100
235 61.9 43.5 83.5
272 13.2 0.0 32.7

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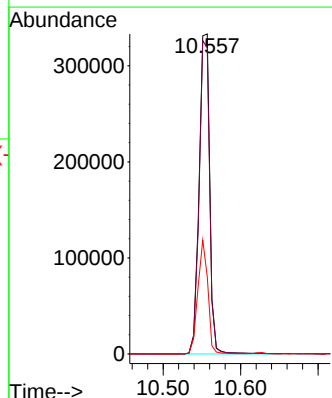
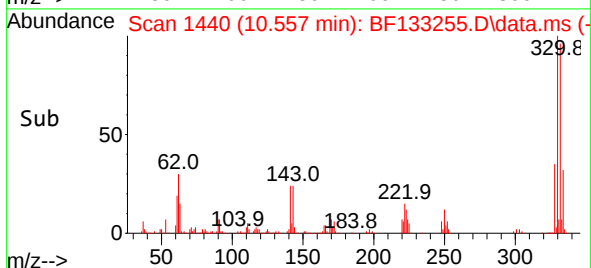
Reviewed By : Christian Giraldo 05/08/2023
Supervised By : Jagrut Upadhyay 05/08/2023

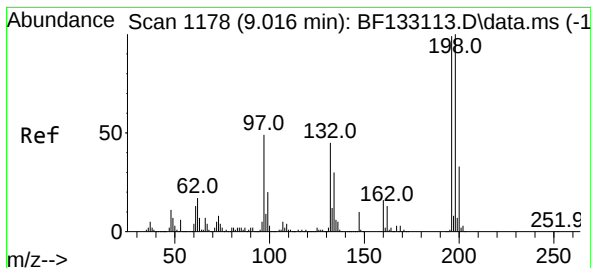


#42
2,4,6-Tribromophenol
Concen: 74.911 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51



Tgt Ion: 330 Resp: 315867
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 33.6 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 38.314 ng

RT: 9.004 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF133255.D

Acq: 05 May 2023 09:51

Instrument :

BNA_F

ClientSampleId :

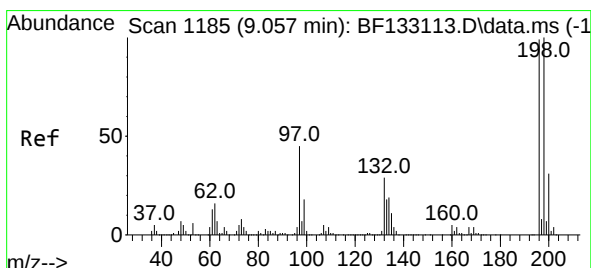
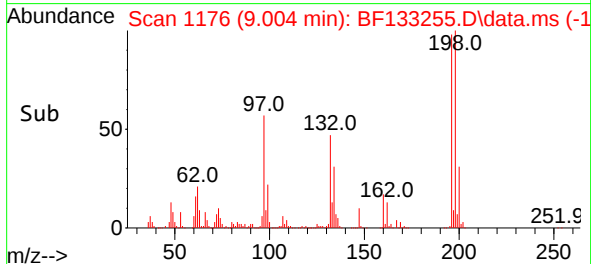
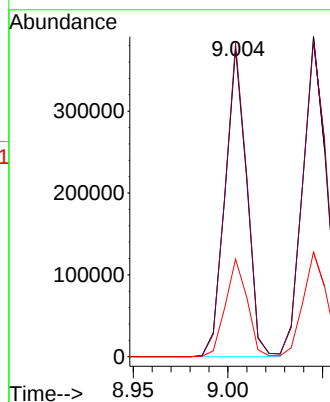
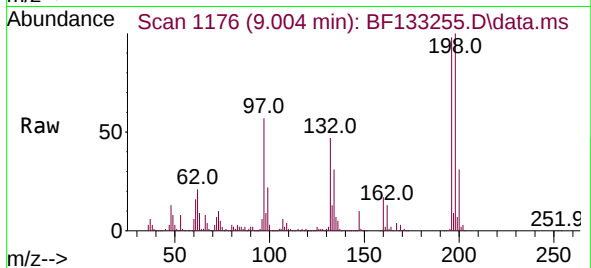
SSTDCCC040

Tgt Ion:196	Resp:	298698
Ion Ratio	Lower	Upper
196	100	
198	101.7	81.0 121.6
200	31.7	26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#44

2,4,5-Trichlorophenol

Concen: 38.080 ng

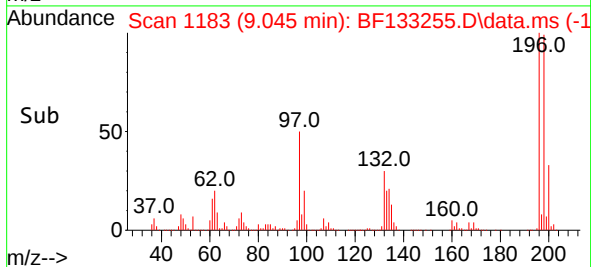
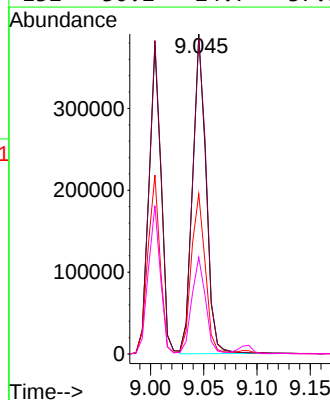
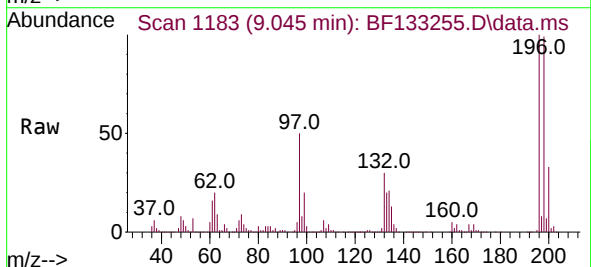
RT: 9.045 min Scan# 1183

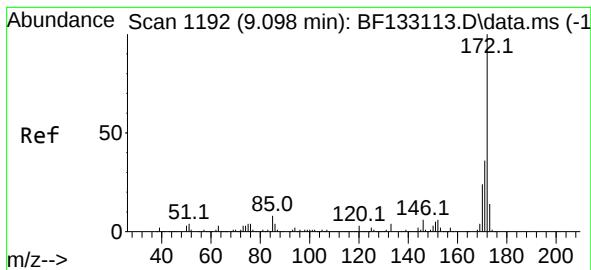
Delta R.T. 0.000 min

Lab File: BF133255.D

Acq: 05 May 2023 09:51

Tgt Ion:196	Resp:	343341
Ion Ratio	Lower	Upper
196	100	
198	98.7	80.9 121.3
97	50.1	41.3 61.9
132	30.2	24.7 37.1





#45
2-Fluorobiphenyl
Concen: 74.127 ng
RT: 9.092 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51

Instrument :

BNA_F

ClientSampleId :

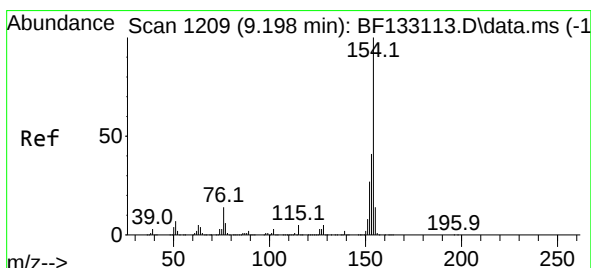
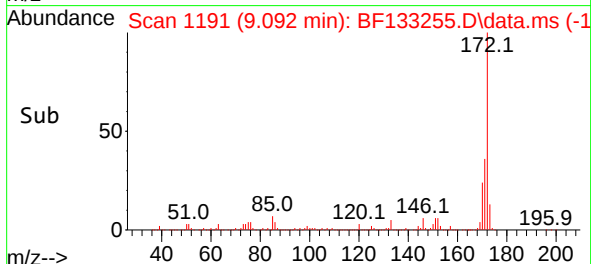
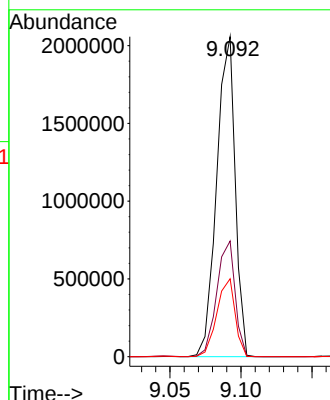
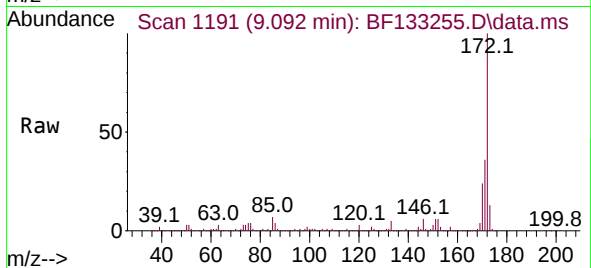
SSTDCCC040

Tgt Ion:172 Resp: 1857704
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 24.3 19.4 29.2

Manual Integrations

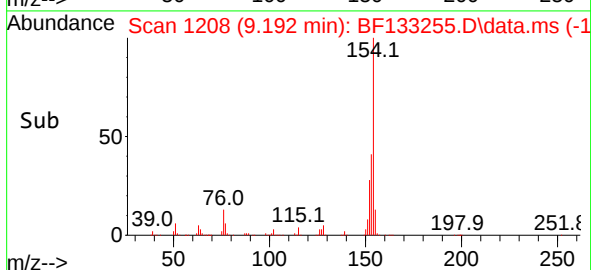
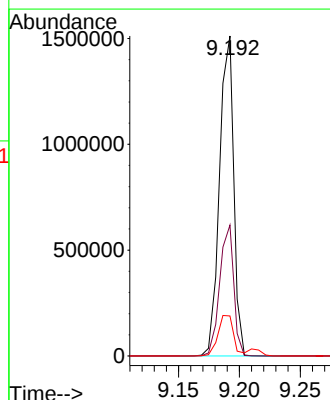
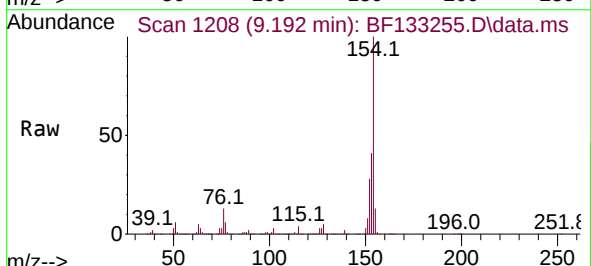
APPROVED

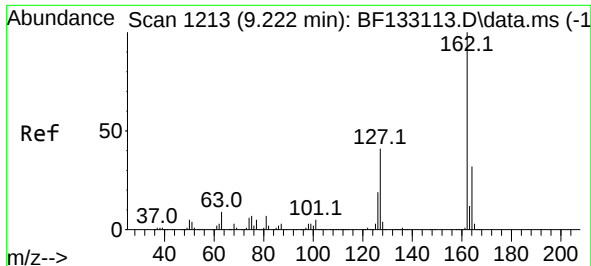
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#46
1,1'-Biphenyl
Concen: 37.047 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51

Tgt Ion:154 Resp: 1231689
Ion Ratio Lower Upper
154 100
153 40.9 21.0 61.0
76 12.5 0.0 34.5





#47

2-Chloronaphthalene

Concen: 38.132 ng

RT: 9.216 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF133255.D

Acq: 05 May 2023 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

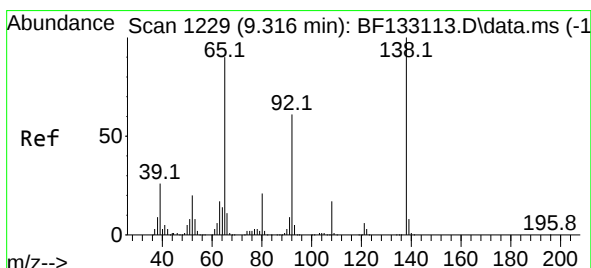
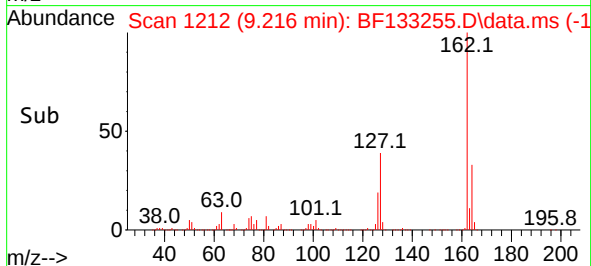
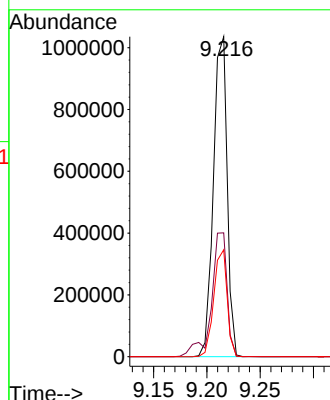
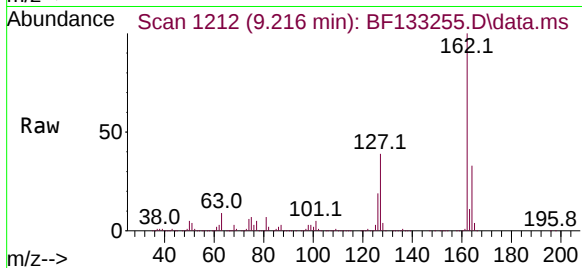
Tgt Ion:162 Resp: 927898

Ion	Ratio	Lower	Upper
162	100		
127	38.7	32.3	48.5
164	33.4	26.8	40.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#48

2-Nitroaniline

Concen: 39.157 ng

RT: 9.310 min Scan# 1228

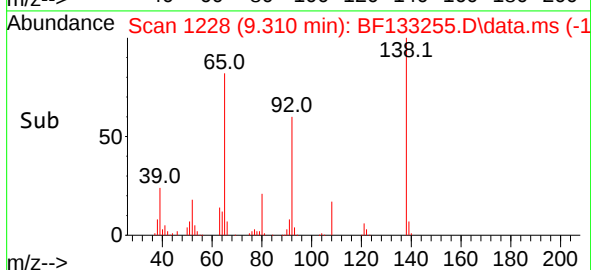
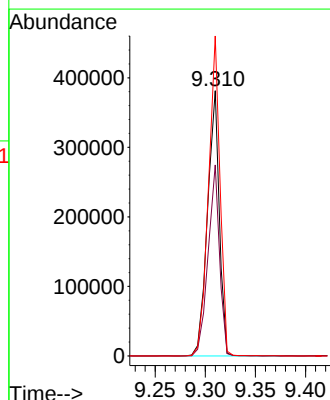
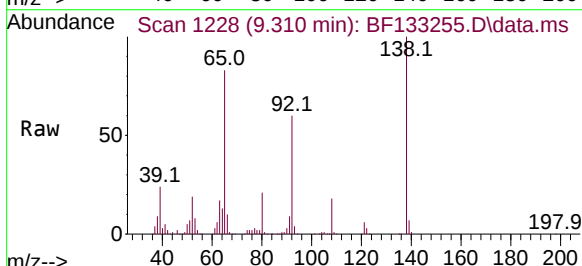
Delta R.T. 0.000 min

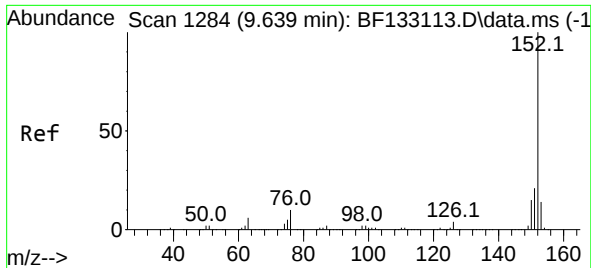
Lab File: BF133255.D

Acq: 05 May 2023 09:51

Tgt Ion: 65 Resp: 314915

Ion	Ratio	Lower	Upper
65	100		
92	72.0	55.4	83.0
138	120.7	98.2	147.2





#49

Acenaphthylene

Concen: 38.407 ng

RT: 9.628 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133255.D

Acq: 05 May 2023 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 149336

Ion Ratio Lower Upper

152 100

151 20.5 16.6 24.8

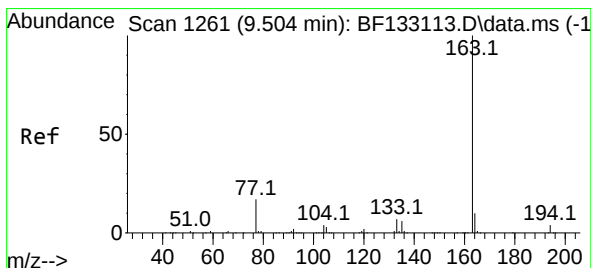
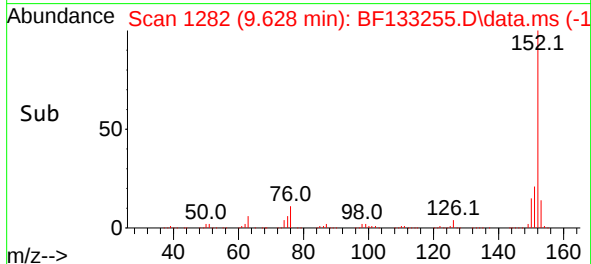
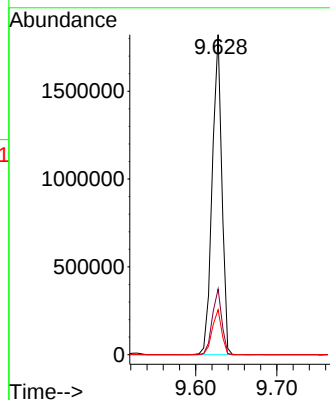
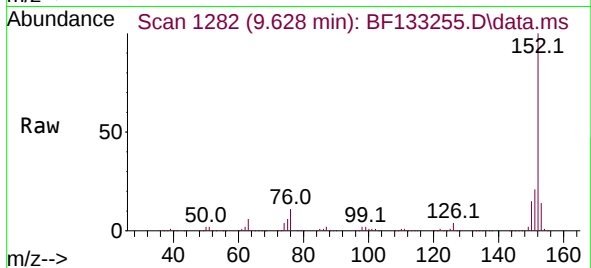
153 14.1 11.5 17.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/08/2023

Supervised By :Jagrut Upadhyay 05/08/2023



#50

Dimethylphthalate

Concen: 38.741 ng

RT: 9.492 min Scan# 1259

Delta R.T. 0.000 min

Lab File: BF133255.D

Acq: 05 May 2023 09:51

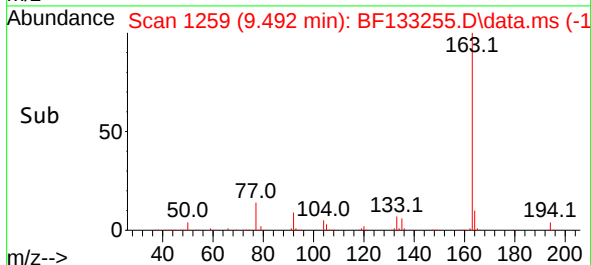
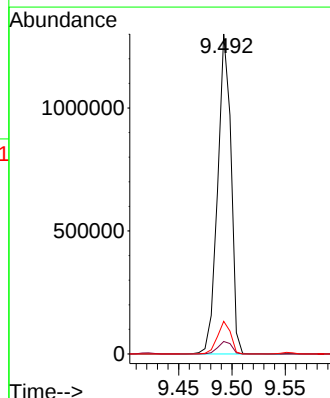
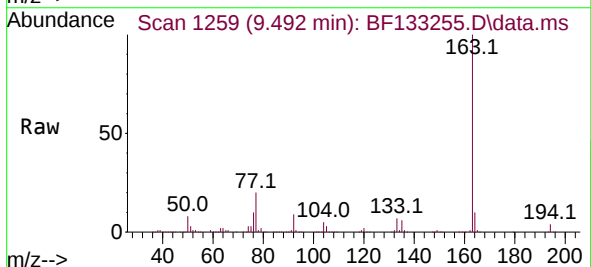
Tgt Ion:163 Resp: 1132607

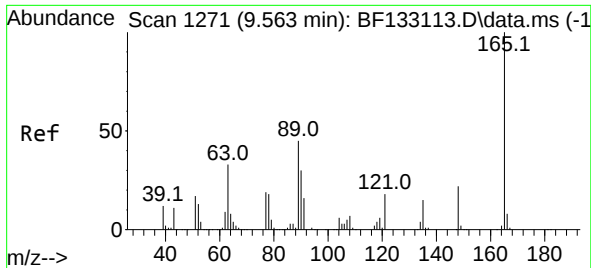
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.2 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 40.376 ng
RT: 9.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51

Instrument :

BNA_F

ClientSampleId :

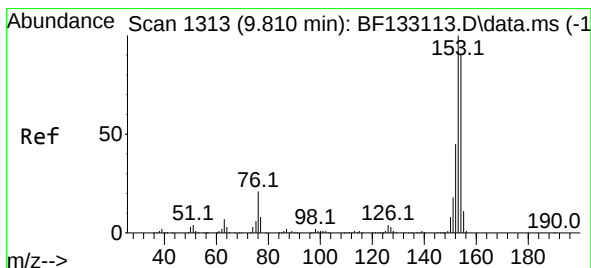
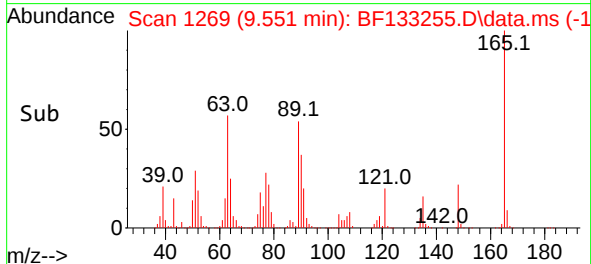
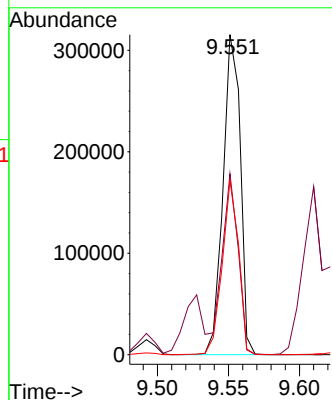
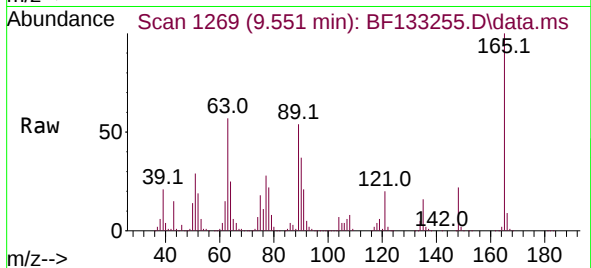
SSTDCCC040

Tgt Ion:165 Resp: 265670
Ion Ratio Lower Upper
165 100
63 56.6 45.9 68.9
89 54.5 44.0 66.0

Manual Integrations

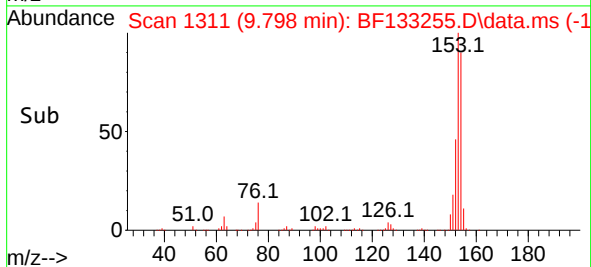
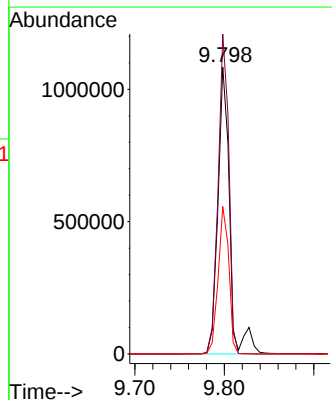
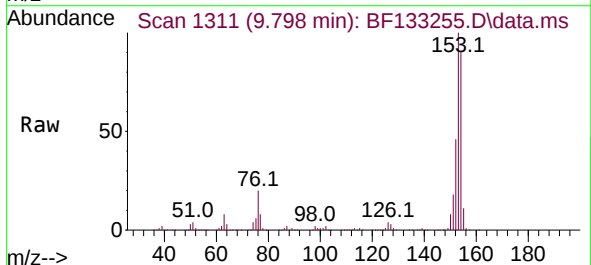
APPROVED

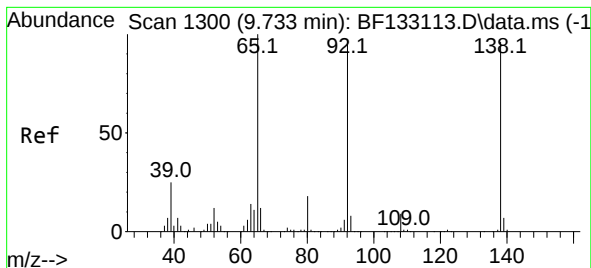
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#52
Acenaphthene
Concen: 38.014 ng m
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51

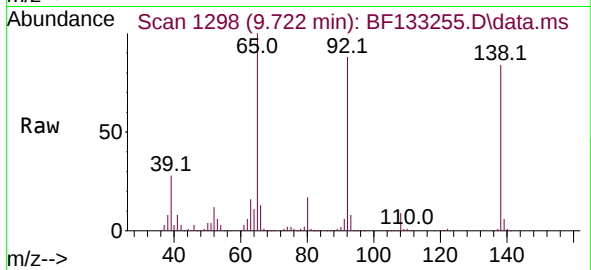
Tgt Ion:154 Resp: 989950
Ion Ratio Lower Upper
154 100
153 111.5 89.0 133.6
152 51.4 40.4 60.6





#53
3-Nitroaniline
Concen: 40.114 ng
RT: 9.722 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51

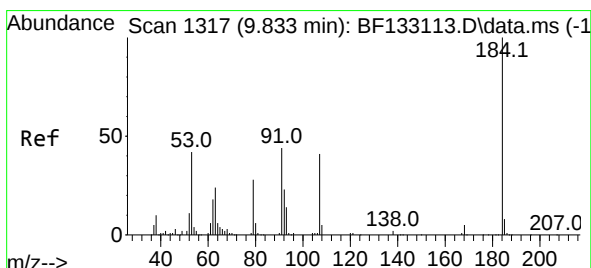
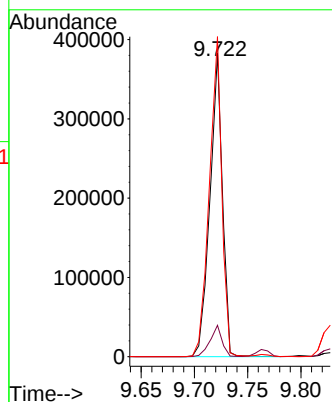
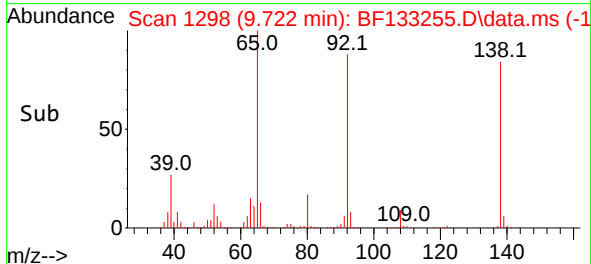
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



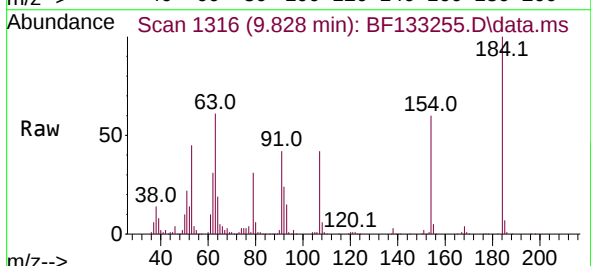
Tgt Ion:138 Resp: 31384
Ion Ratio Lower Upper
138 100
108 10.4 8.0 12.0
92 105.5 83.6 125.4

Manual Integrations
APPROVED

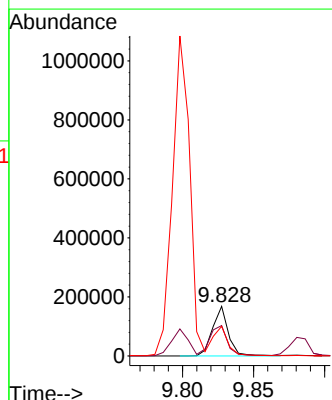
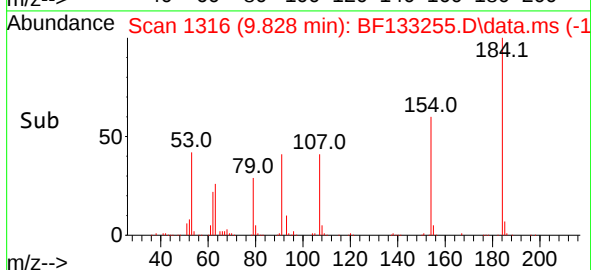
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

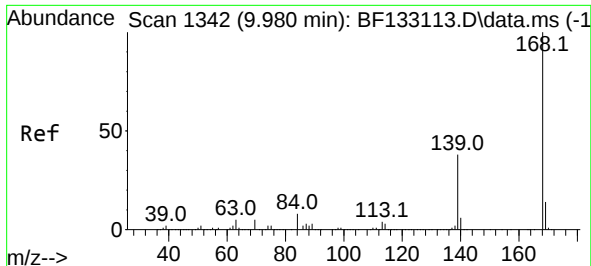


#54
2,4-Dinitrophenol
Concen: 39.243 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51



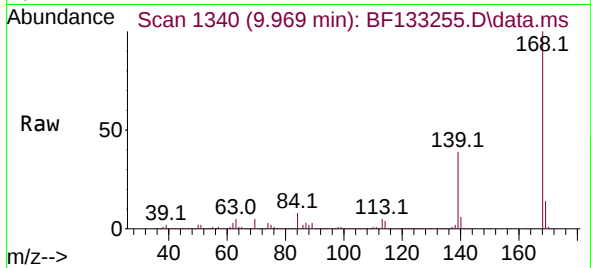
Tgt Ion:184 Resp: 129793
Ion Ratio Lower Upper
184 100
63 61.4 49.8 74.8
154 59.9 49.5 74.3





#55
Dibenzenofuran
Concen: 37.902 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51

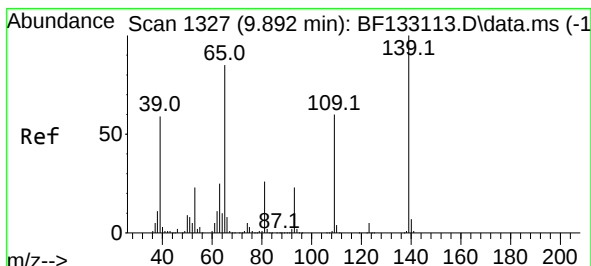
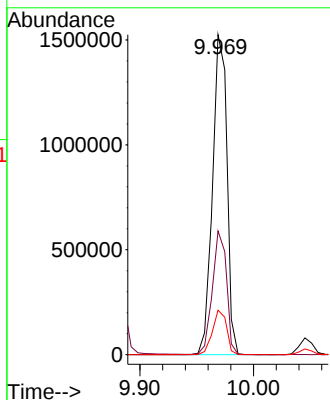
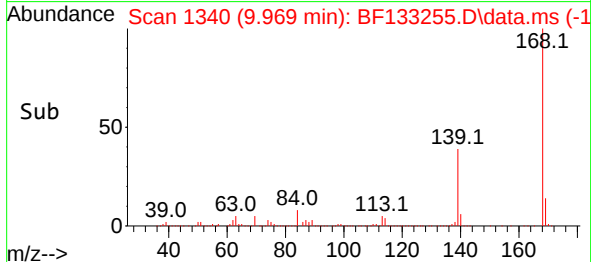
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



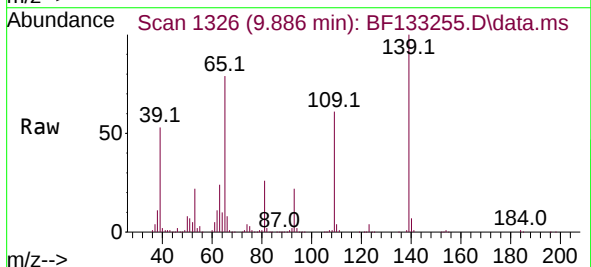
Tgt Ion:168 Resp: 134640
Ion Ratio Lower Upper
168 100
139 38.6 29.8 44.8
169 13.9 10.8 16.2

Manual Integrations
APPROVED

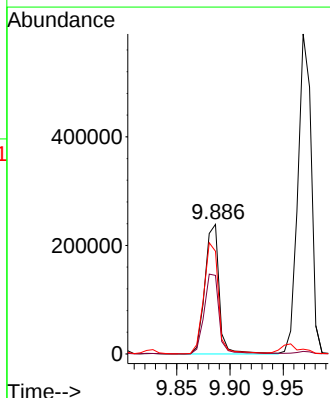
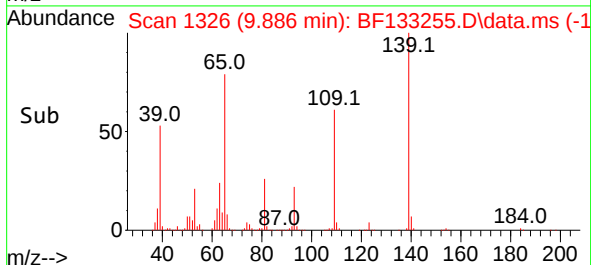
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

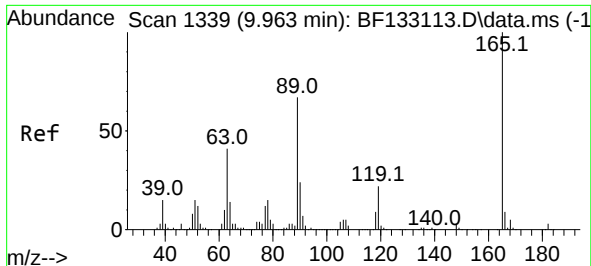


#56
4-Nitrophenol
Concen: 36.974 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51



Tgt Ion:139 Resp: 224048
Ion Ratio Lower Upper
139 100
109 60.6 39.4 79.4
65 79.2 57.5 97.5





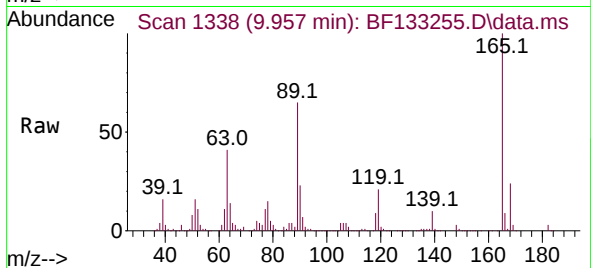
#57
2,4-Dinitrotoluene
Concen: 40.486 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

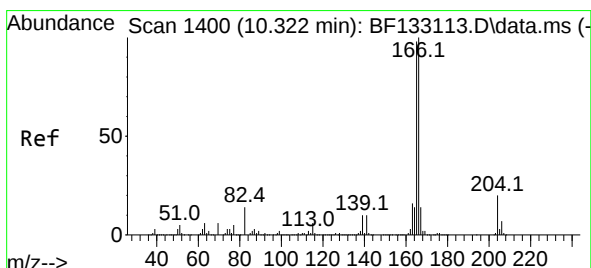
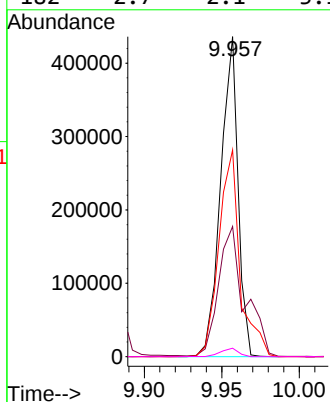
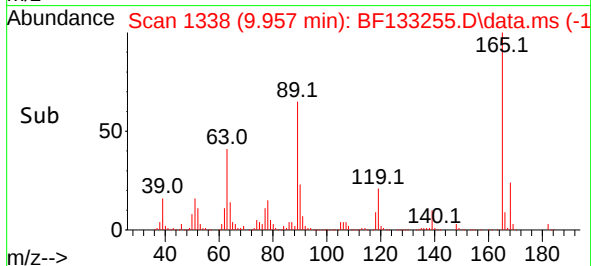


Tgt Ion:165 Resp: 33973
Ion Ratio Lower Upper
165 100
63 40.7 37.7 56.5
89 64.6 57.0 85.4
182 2.7 2.1 3.1

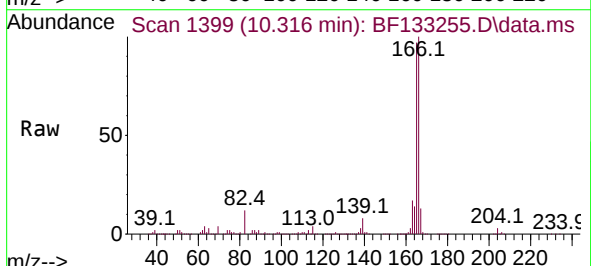
Manual Integrations

APPROVED

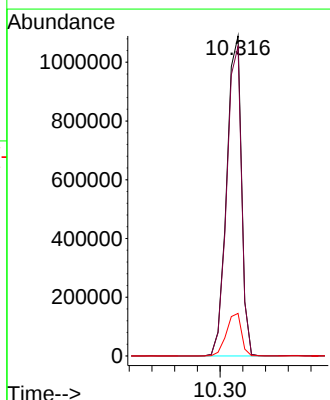
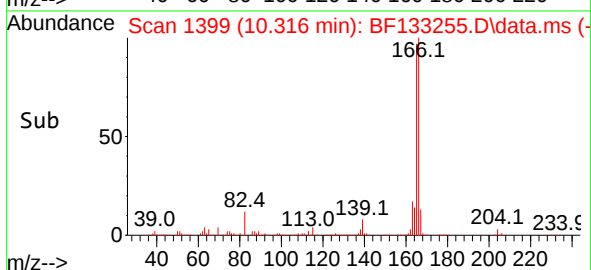
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

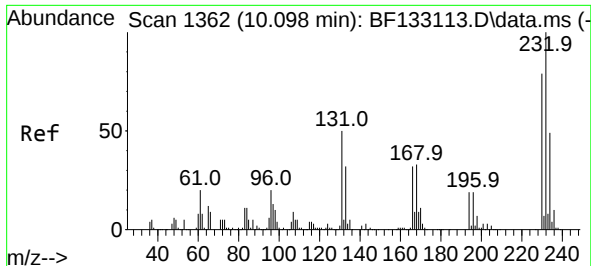


#58
Fluorene
Concen: 37.733 ng
RT: 10.316 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51



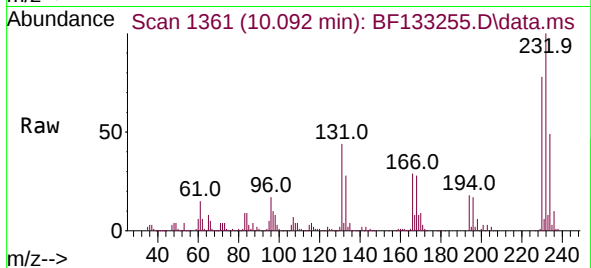
Tgt Ion:166 Resp: 982018
Ion Ratio Lower Upper
166 100
165 96.8 78.6 117.8
167 13.3 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 37.559 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51

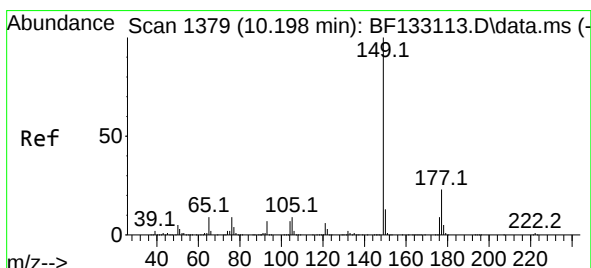
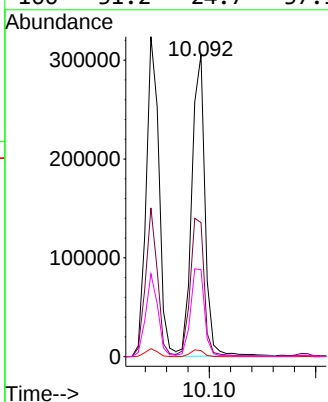
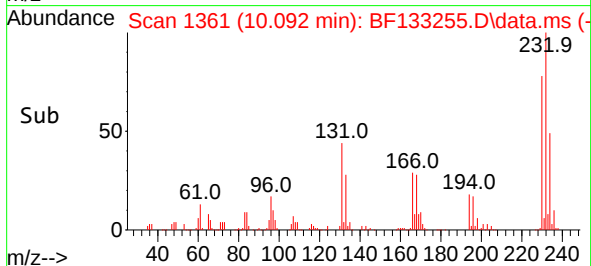
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



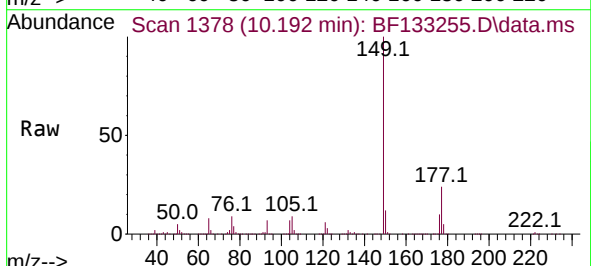
Tgt Ion:232 Resp: 262539
Ion Ratio Lower Upper
232 100
131 48.9 38.0 57.0
130 2.3 1.8 2.8
166 31.2 24.7 37.1

Manual Integrations
APPROVED

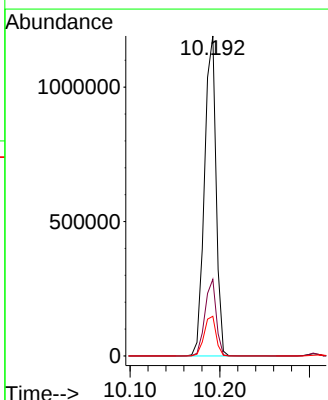
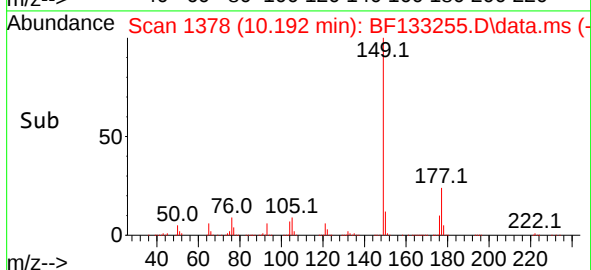
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

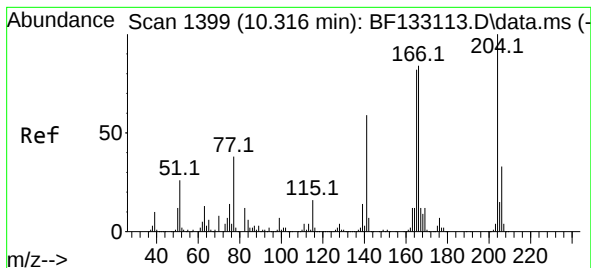


#60
Diethylphthalate
Concen: 38.668 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51



Tgt Ion:149 Resp: 1067780
Ion Ratio Lower Upper
149 100
177 24.0 18.2 27.4
150 12.4 10.2 15.4





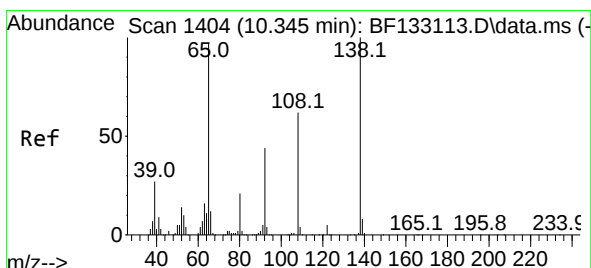
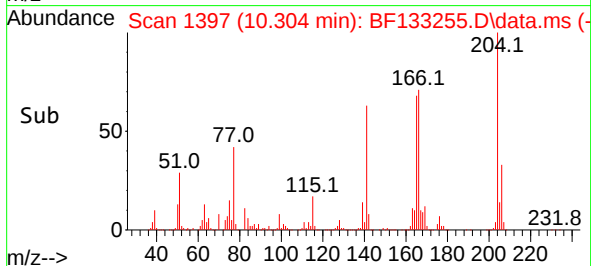
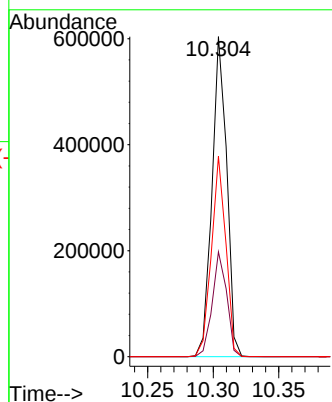
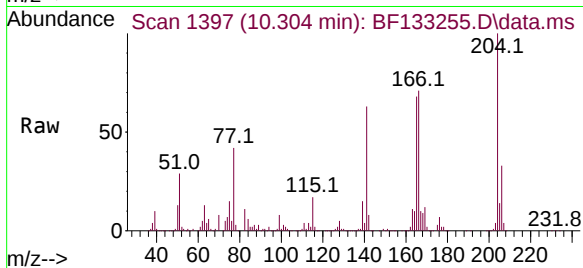
#61
4-Chlorophenyl-phenylether
Concen: 37.150 ng
RT: 10.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 47116
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 62.6 46.1 69.1

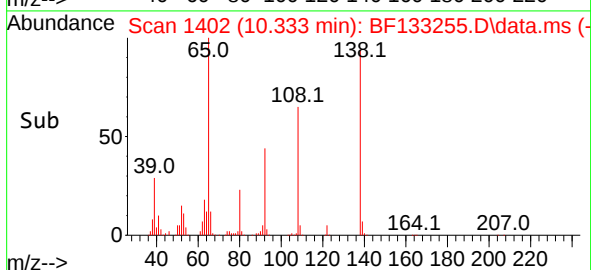
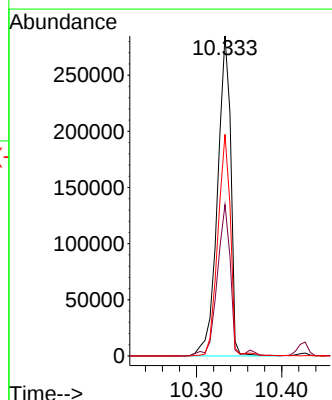
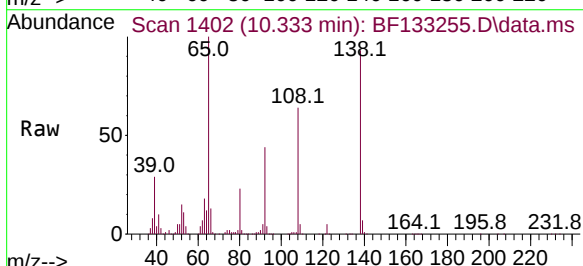
Manual Integrations
APPROVED

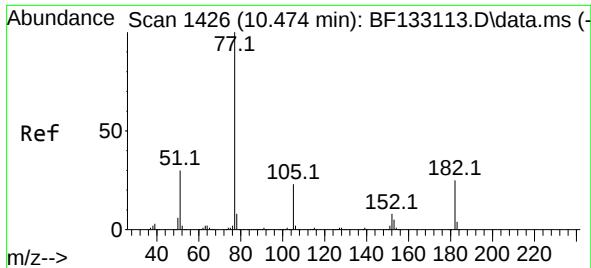
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#62
4-Nitroaniline
Concen: 43.097 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51

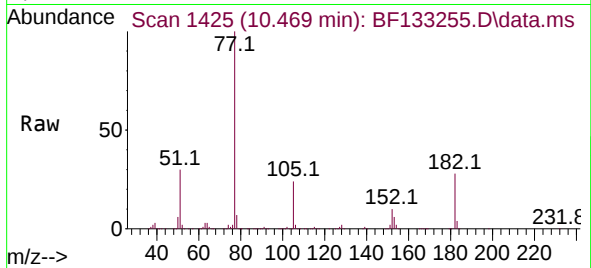
Tgt Ion:138 Resp: 309905
Ion Ratio Lower Upper
138 100
92 47.3 27.7 67.7
108 69.2 45.2 85.2





#63
Azobenzene
Concen: 37.007 ng
RT: 10.469 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51

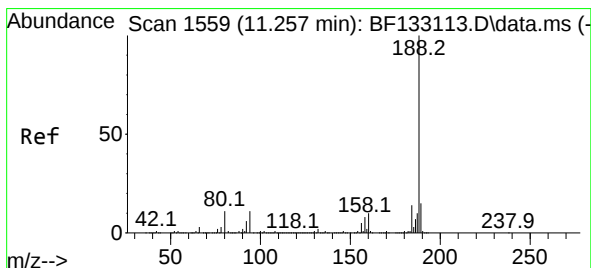
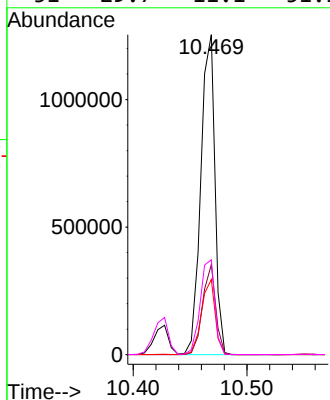
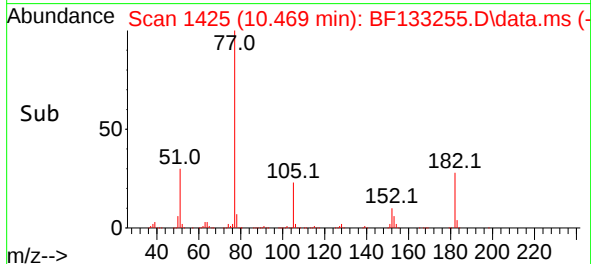
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



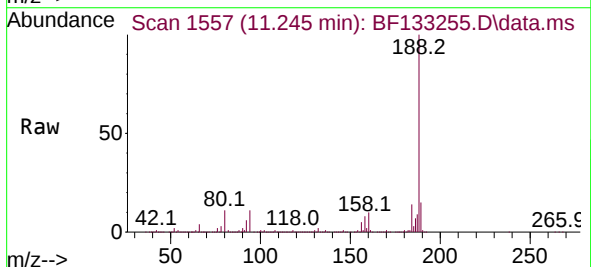
Tgt Ion: 77 Resp: 108255
Ion Ratio Lower Upper
77 100
182 28.1 5.9 45.9
105 23.5 2.3 42.3
51 29.7 11.1 51.1

Manual Integrations
APPROVED

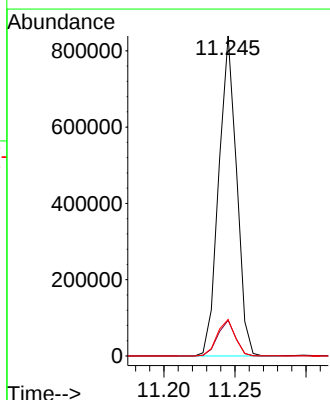
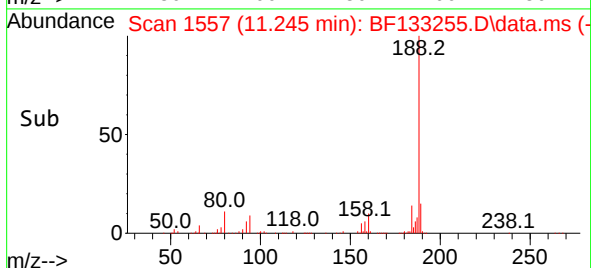
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

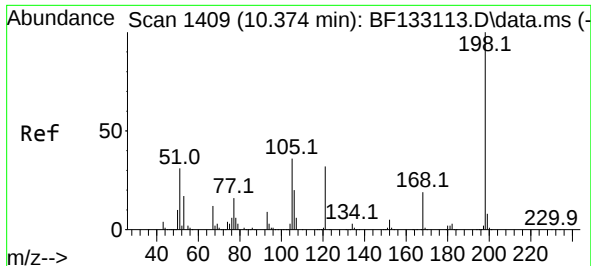


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51



Tgt Ion:188 Resp: 733502
Ion Ratio Lower Upper
188 100
94 11.1 9.7 14.5
80 11.4 10.4 15.6





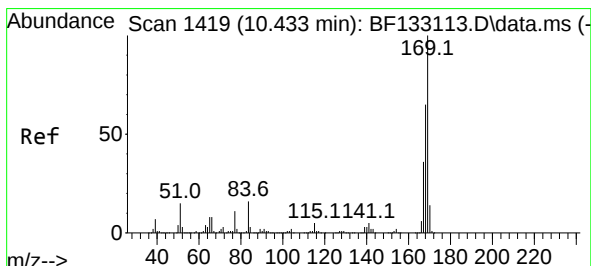
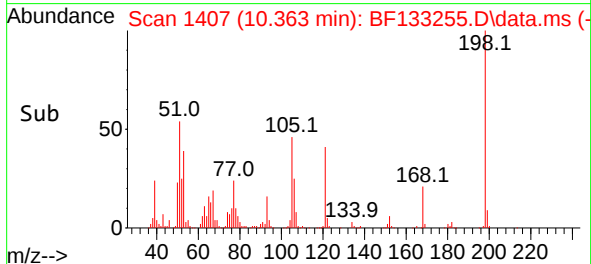
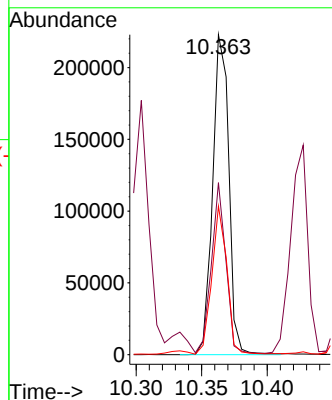
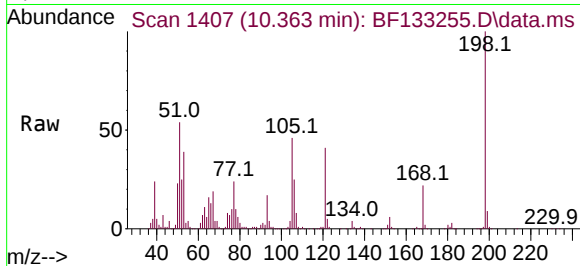
#65
4,6-Dinitro-2-methylphenol
Concen: 42.994 ng
RT: 10.363 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 19114
Ion Ratio Lower Upper
198 100
51 53.7 15.5 55.5
105 46.4 16.7 56.7

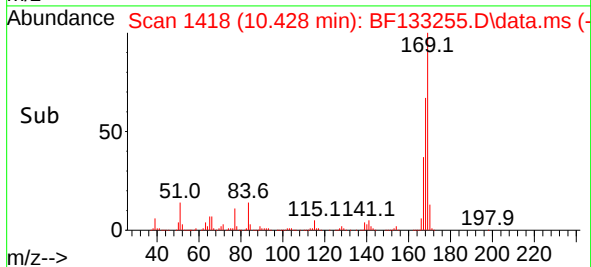
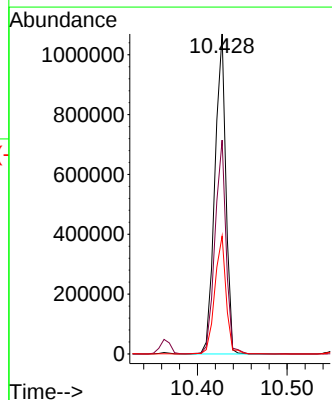
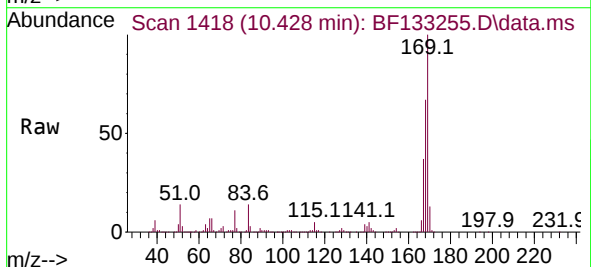
Manual Integrations
APPROVED

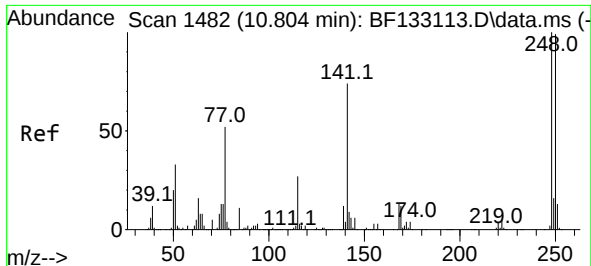
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#66
n-Nitrosodiphenylamine
Concen: 38.305 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51

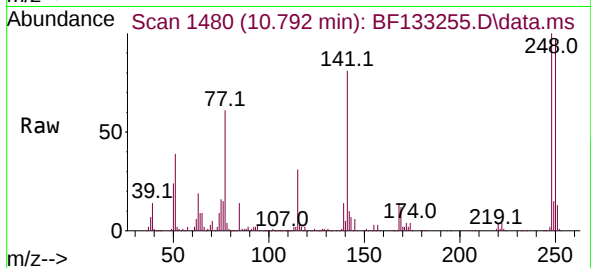
Tgt Ion:169 Resp: 911384
Ion Ratio Lower Upper
169 100
168 66.8 53.8 80.8
167 36.9 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 38.072 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51

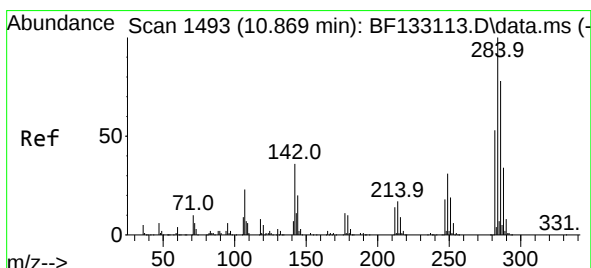
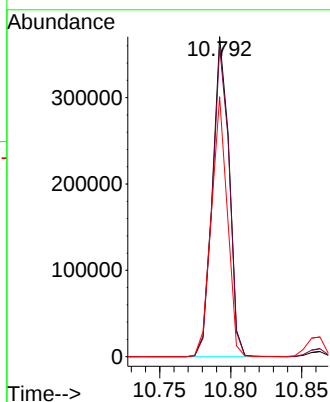
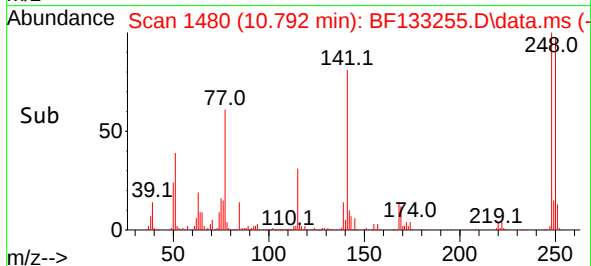
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



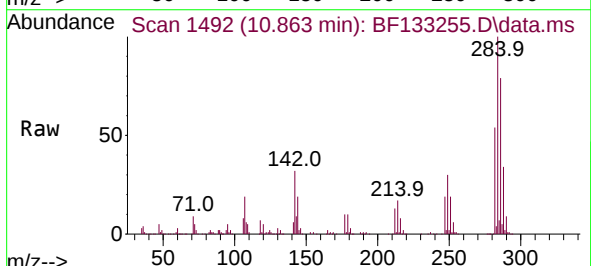
Tgt Ion:248 Resp: 302870
Ion Ratio Lower Upper
248 100
250 96.8 78.7 118.1
141 81.2 56.3 84.5

Manual Integrations
APPROVED

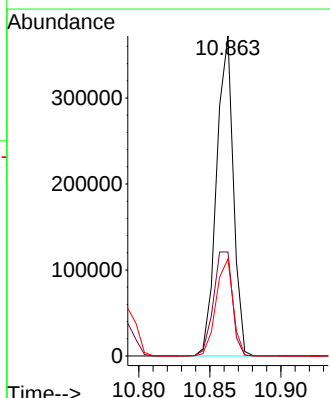
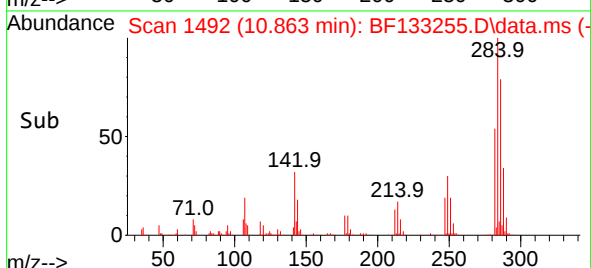
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

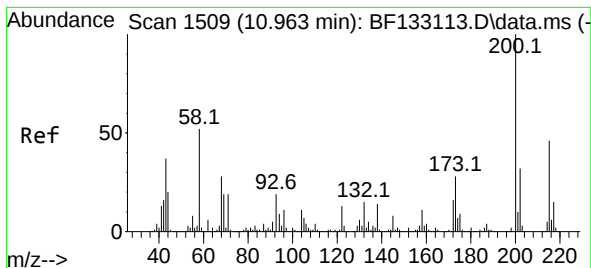


#68
Hexachlorobenzene
Concen: 37.562 ng
RT: 10.863 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51



Tgt Ion:284 Resp: 306193
Ion Ratio Lower Upper
284 100
142 32.5 26.0 39.0
249 30.3 23.7 35.5





#69

Atrazine

Concen: 41.024 ng

RT: 10.957 min Scan# 1508

Delta R.T. 0.000 min

Lab File: BF133255.D

Acq: 05 May 2023 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 28125

Ion Ratio Lower Upper

200 100

173 25.9 6.2 46.2

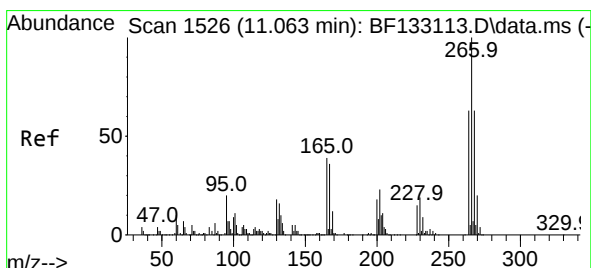
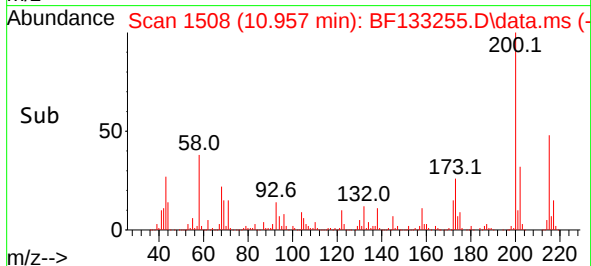
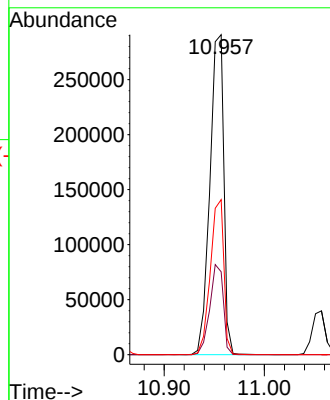
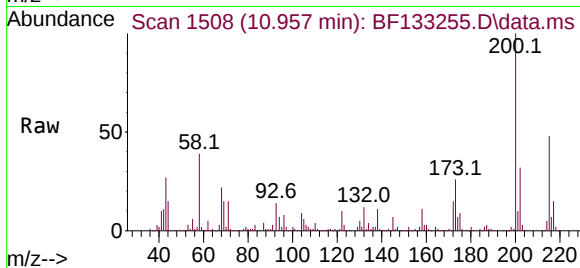
215 48.4 26.3 66.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/08/2023

Supervised By :Jagrut Upadhyay 05/08/2023



#70

Pentachlorophenol

Concen: 36.529 ng

RT: 11.057 min Scan# 1525

Delta R.T. 0.000 min

Lab File: BF133255.D

Acq: 05 May 2023 09:51

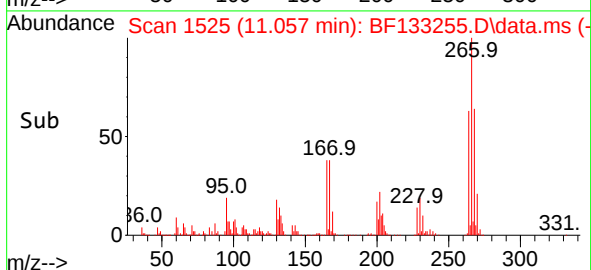
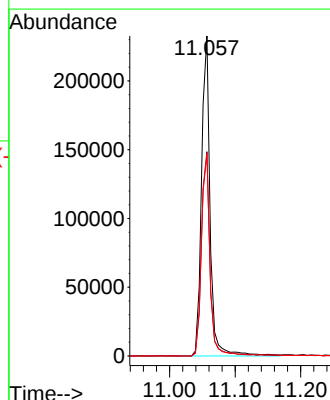
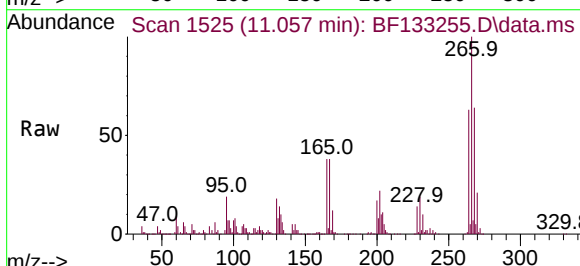
Tgt Ion:266 Resp: 212070

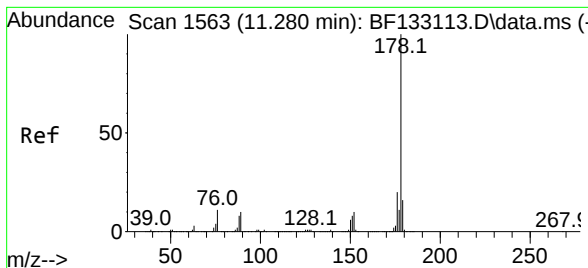
Ion Ratio Lower Upper

266 100

268 63.9 48.8 73.2

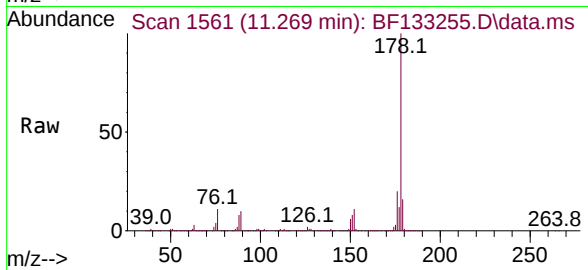
264 63.2 50.6 76.0





#71
Phenanthrene
Concen: 38.236 ng
RT: 11.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51

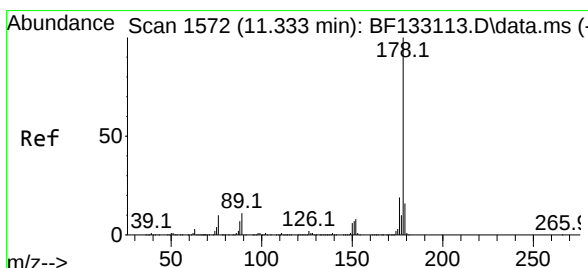
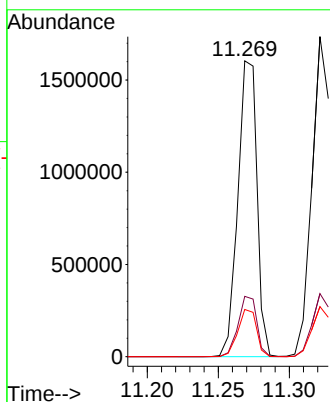
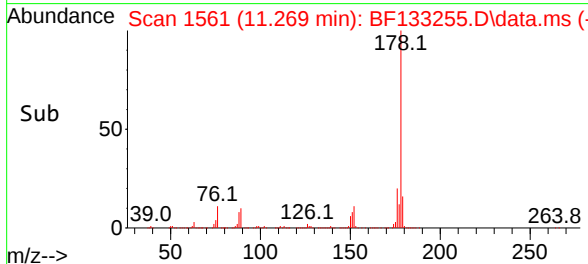
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



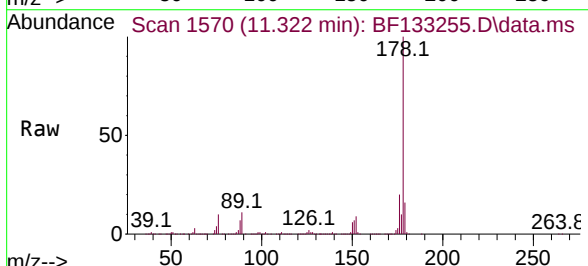
Tgt Ion:178 Resp: 150740
Ion Ratio Lower Upper
178 100
176 20.4 15.9 23.9
179 15.9 12.5 18.7

Manual Integrations
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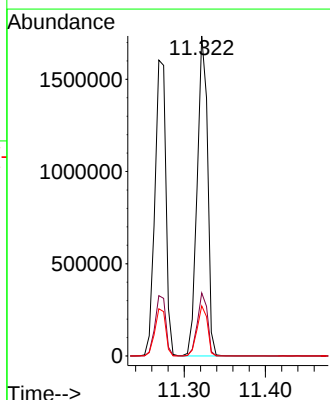
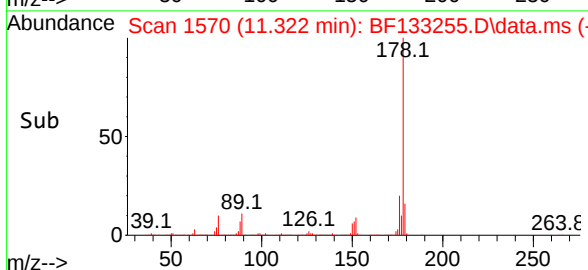
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

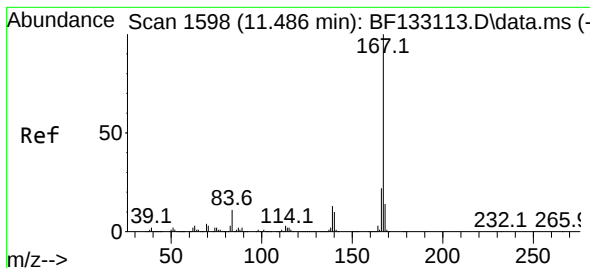


#72
Anthracene
Concen: 38.551 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51



Tgt Ion:178 Resp: 1555362
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 15.7 12.4 18.6





#73

Carbazole

Concen: 38.311 ng

RT: 11.480 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF133255.D

Acq: 05 May 2023 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:167 Resp: 137633

Ion Ratio Lower Upper

167 100

166 22.1 17.4 26.0

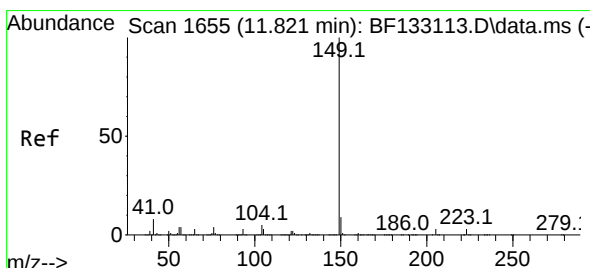
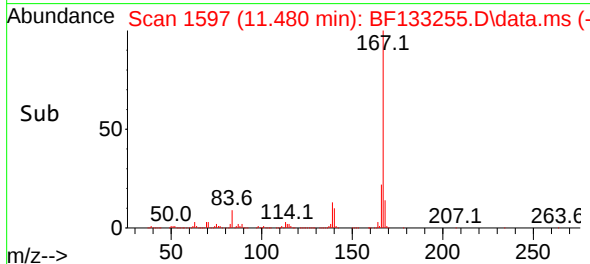
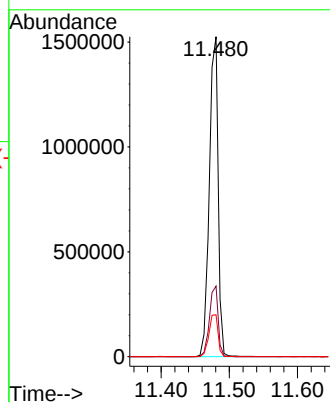
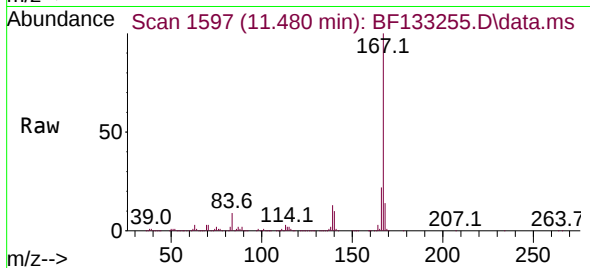
139 13.1 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/08/2023

Supervised By :Jagrut Upadhyay 05/08/2023



#74

Di-n-butylphthalate

Concen: 40.459 ng

RT: 11.810 min Scan# 1653

Delta R.T. 0.000 min

Lab File: BF133255.D

Acq: 05 May 2023 09:51

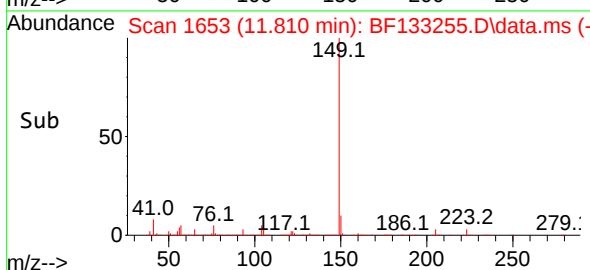
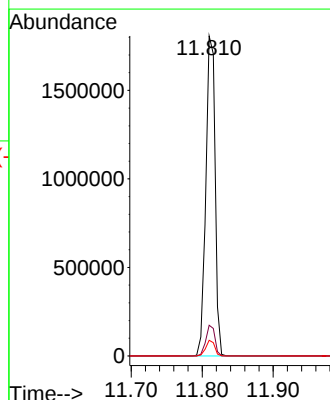
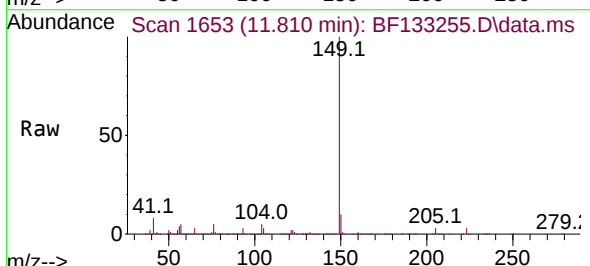
Tgt Ion:149 Resp: 1644872

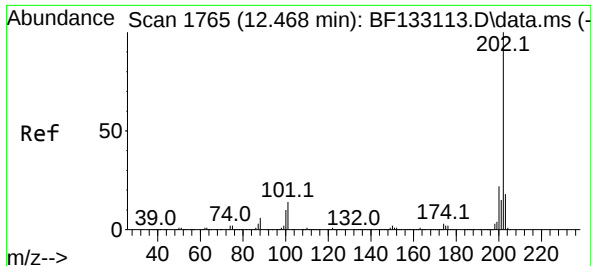
Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

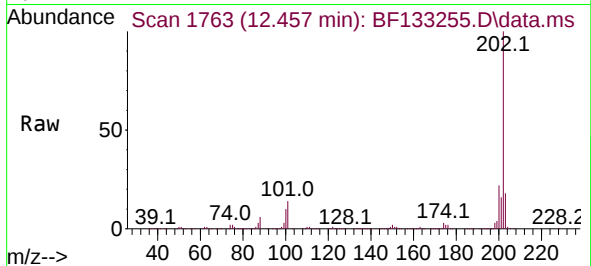
104 4.9 4.0 6.0





#75
Fluoranthene
Concen: 38.102 ng
RT: 12.457 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51

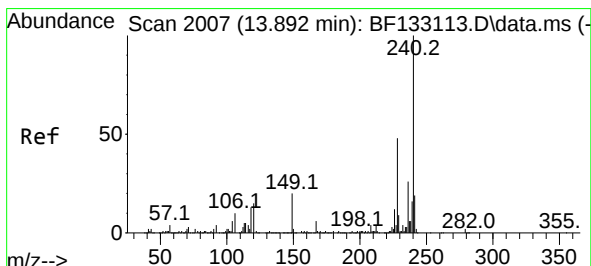
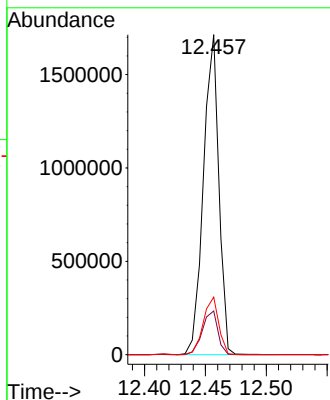
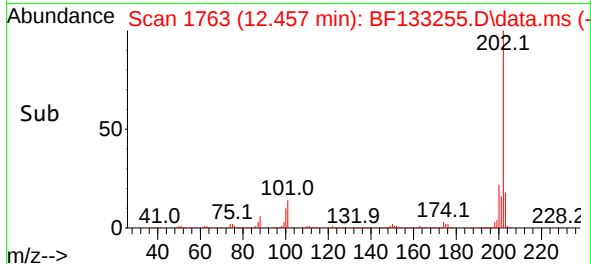
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 150752
Ion Ratio Lower Upper
202 100
101 13.6 0.0 35.3
203 18.0 0.0 38.1

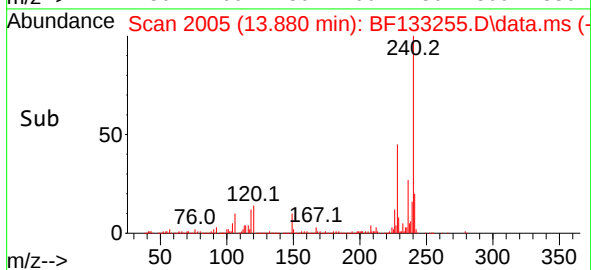
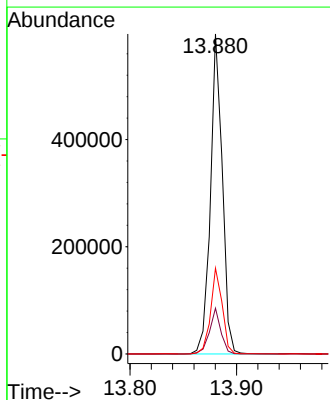
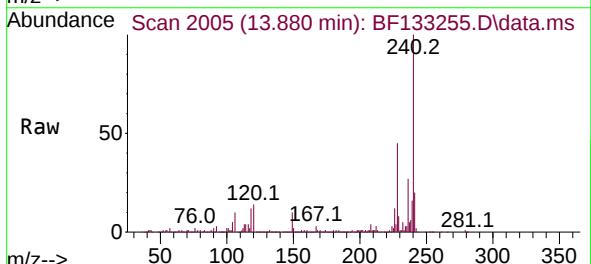
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APPROVED

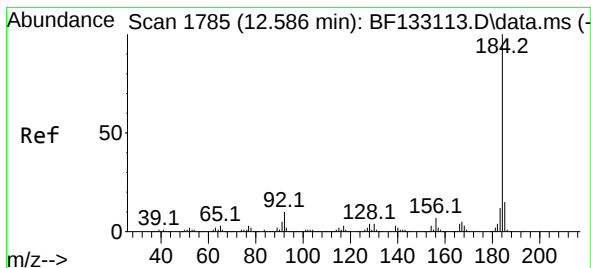
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51

Tgt Ion:240 Resp: 461962
Ion Ratio Lower Upper
240 100
120 14.3 10.5 15.7
236 26.8 21.5 32.3





#77

Benzidine

Concen: 46.157 ng

RT: 12.574 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133255.D

Acq: 05 May 2023 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

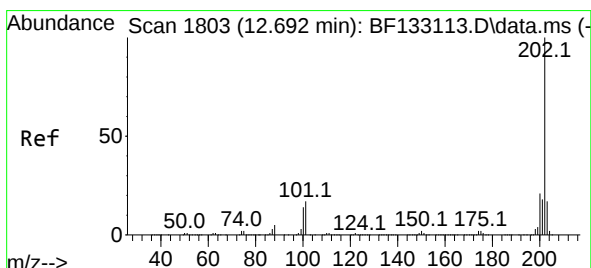
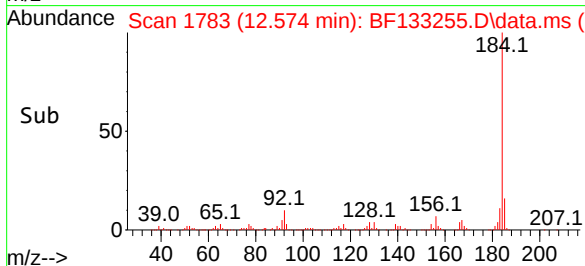
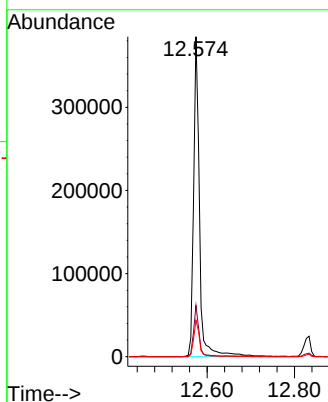
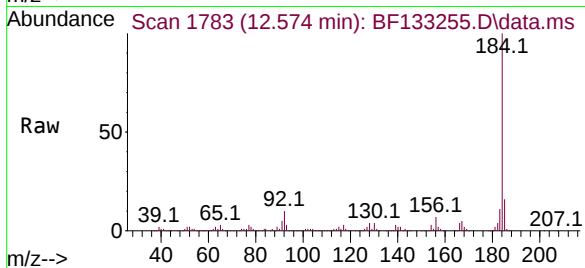
Tgt Ion:184 Resp: 36058

Ion	Ratio	Lower	Upper
184	100		
185	16.0	15.4	23.2
183	11.4	9.4	14.0

Manual Integrations

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Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#78

Pyrene

Concen: 39.017 ng

RT: 12.686 min Scan# 1802

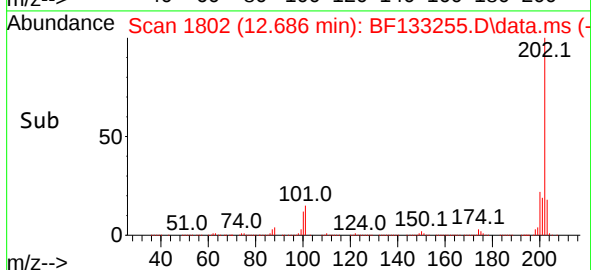
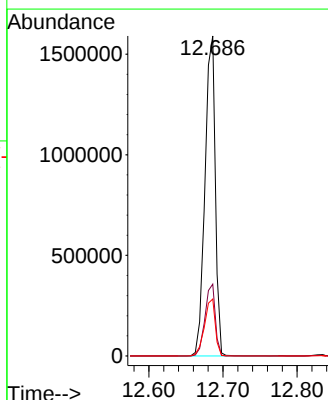
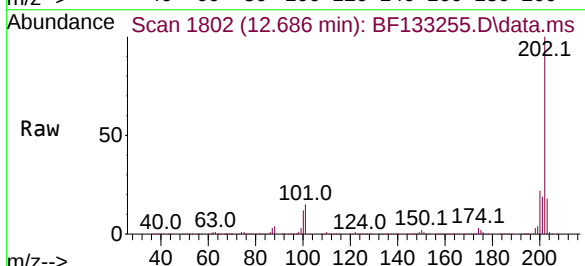
Delta R.T. 0.000 min

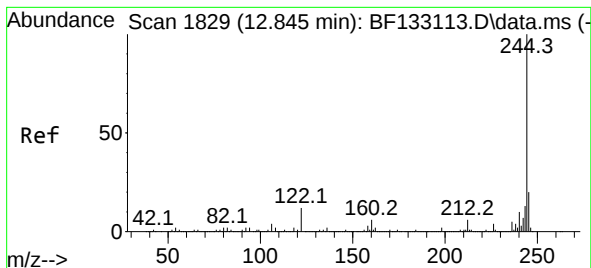
Lab File: BF133255.D

Acq: 05 May 2023 09:51

Tgt Ion:202 Resp: 1545092

Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.1	25.7
203	17.8	14.1	21.1





#79

Terphenyl-d14

Concen: 73.436 ng

RT: 12.833 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133255.D

Acq: 05 May 2023 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:244 Resp: 1967029

Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

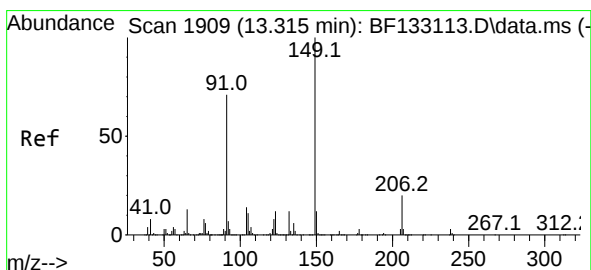
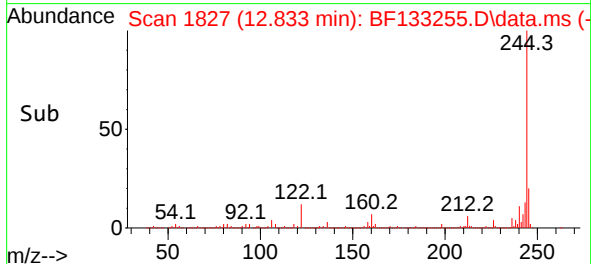
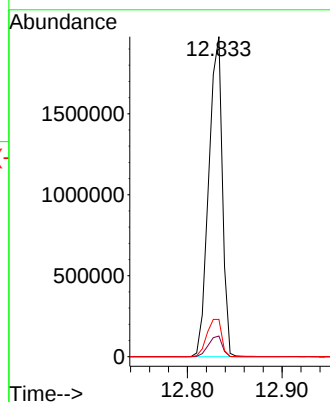
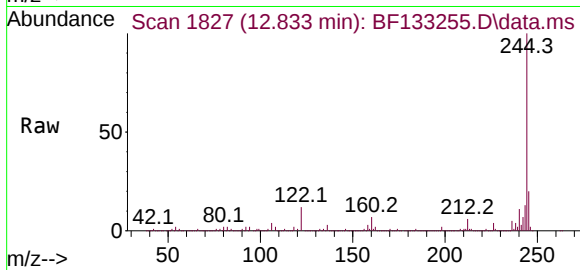
122 11.6 8.6 13.0

Manual Integrations

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Reviewed By :Christian Giraldo 05/08/2023

Supervised By :Jagrut Upadhyay 05/08/2023



#80

Butylbenzylphthalate

Concen: 47.819 ng

RT: 13.304 min Scan# 1907

Delta R.T. 0.000 min

Lab File: BF133255.D

Acq: 05 May 2023 09:51

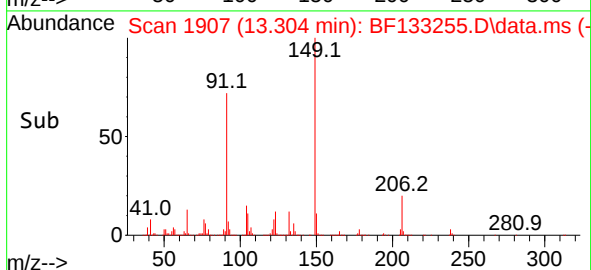
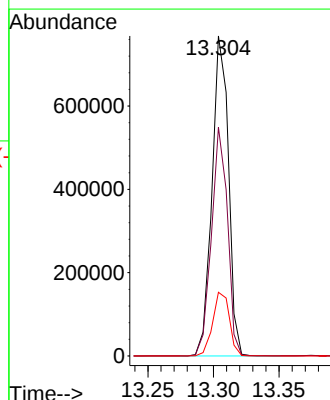
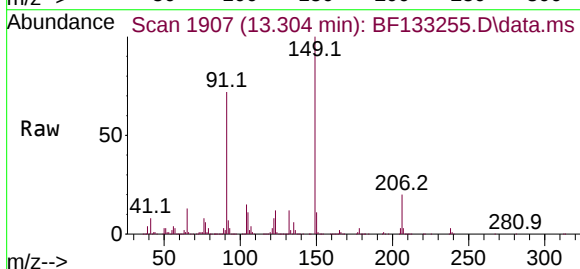
Tgt Ion:149 Resp: 670493

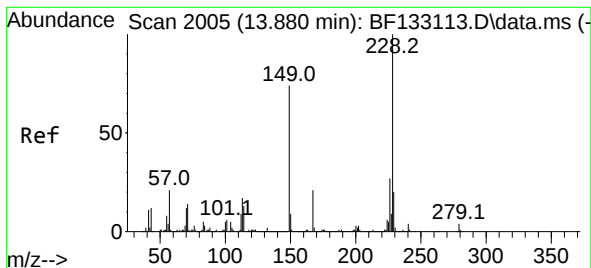
Ion Ratio Lower Upper

149 100

91 71.5 53.8 80.6

206 19.9 17.5 26.3





#81

Benzo(a)anthracene

Concen: 36.950 ng

RT: 13.868 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BF133255.D

Acq: 05 May 2023 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 117380

Ion Ratio Lower Upper

228 100

226 27.5 22.2 33.4

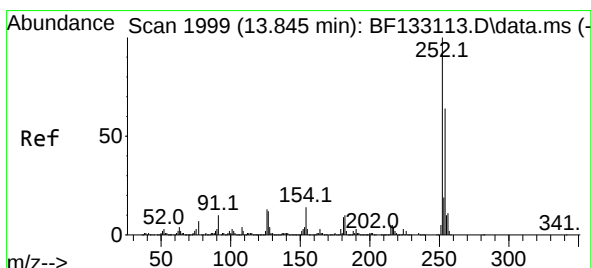
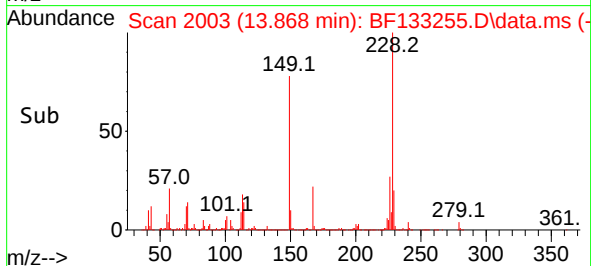
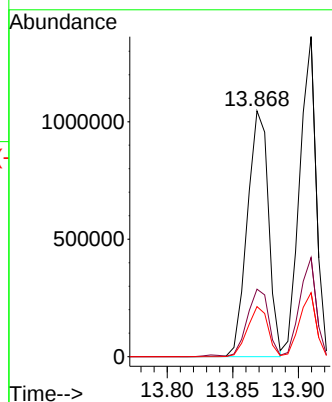
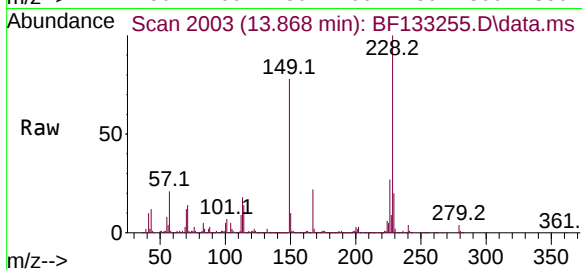
229 20.4 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/08/2023

Supervised By :Jagrut Upadhyay 05/08/2023



#82

3,3'-Dichlorobenzidine

Concen: 42.398 ng

RT: 13.833 min Scan# 1997

Delta R.T. 0.000 min

Lab File: BF133255.D

Acq: 05 May 2023 09:51

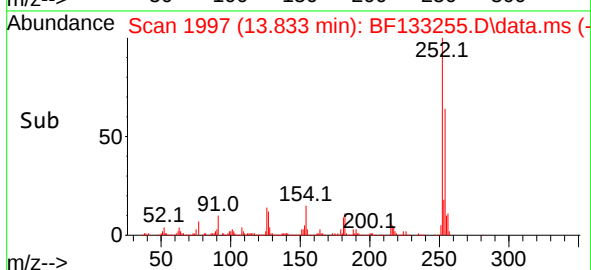
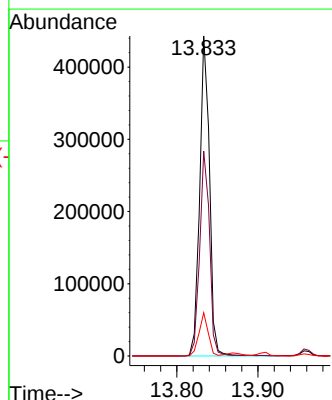
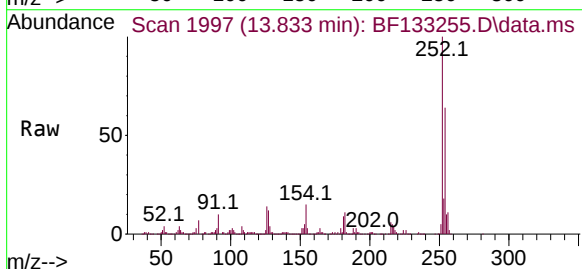
Tgt Ion:252 Resp: 372080

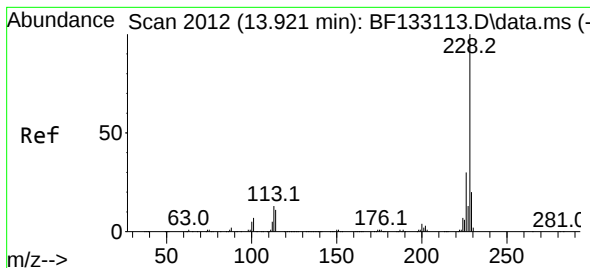
Ion Ratio Lower Upper

252 100

254 64.0 51.5 77.3

126 13.5 9.5 14.3





#83

Chrysene

Concen: 37.455 ng

RT: 13.910 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF133255.D

Acq: 05 May 2023 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 118956

Ion Ratio Lower Upper

228 100

226 31.0 24.7 37.1

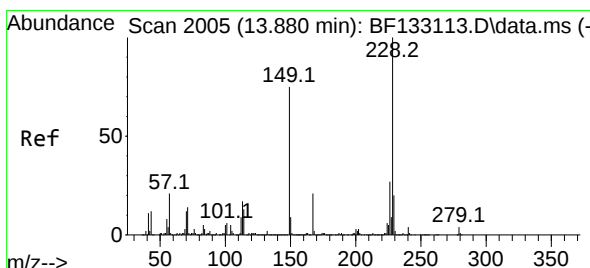
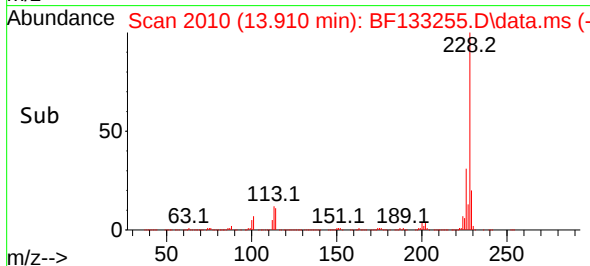
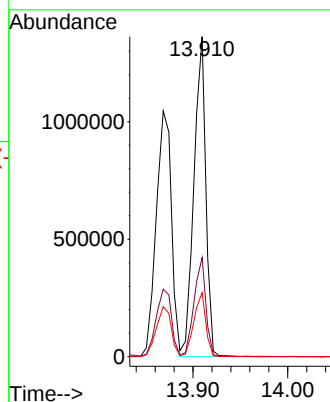
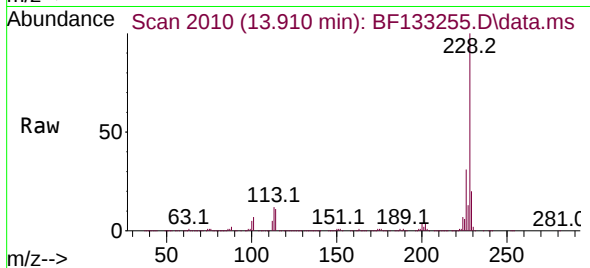
229 20.0 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/08/2023

Supervised By :Jagrut Upadhyay 05/08/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.501 ng

RT: 13.868 min Scan# 2003

Delta R.T. 0.000 min

Lab File: BF133255.D

Acq: 05 May 2023 09:51

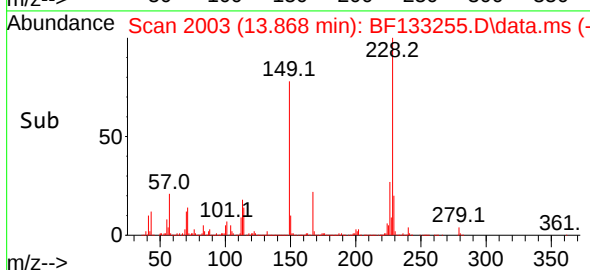
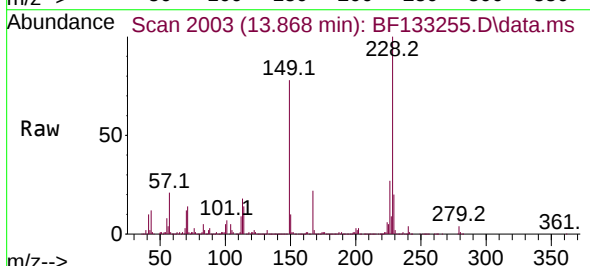
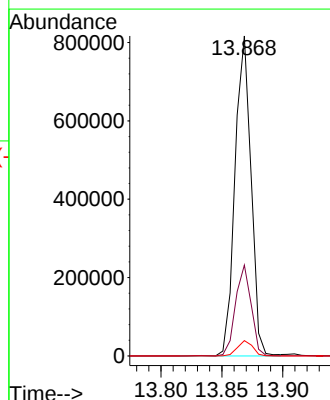
Tgt Ion:149 Resp: 748001

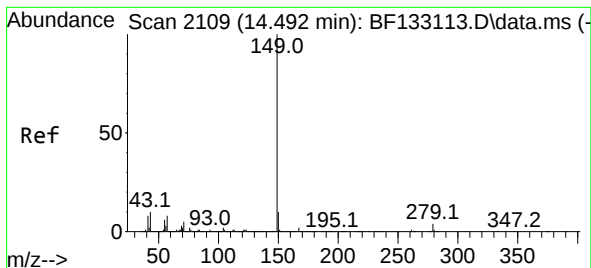
Ion Ratio Lower Upper

149 100

167 28.4 22.5 33.7

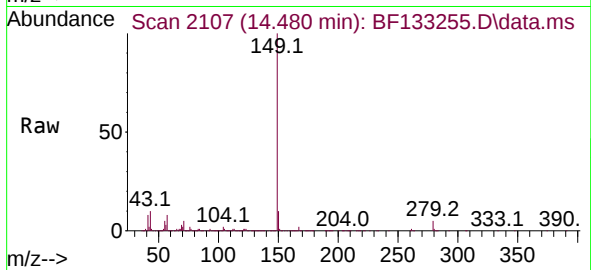
279 4.8 4.2 6.4





#85
Di-n-octyl phthalate
Concen: 41.112 ng
RT: 14.480 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51

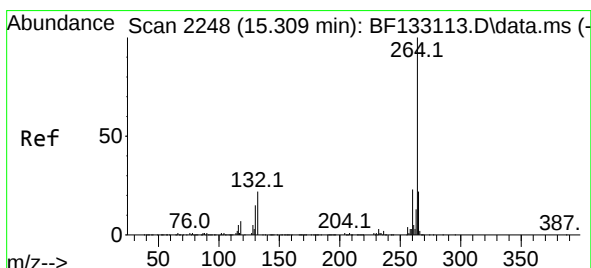
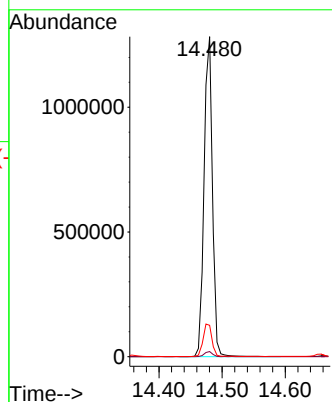
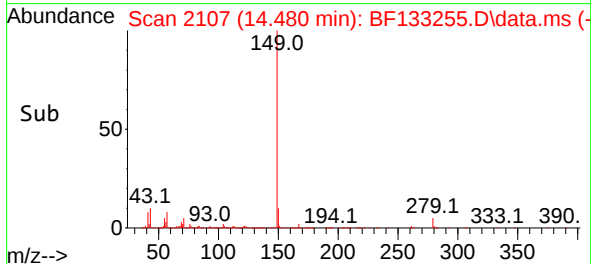
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



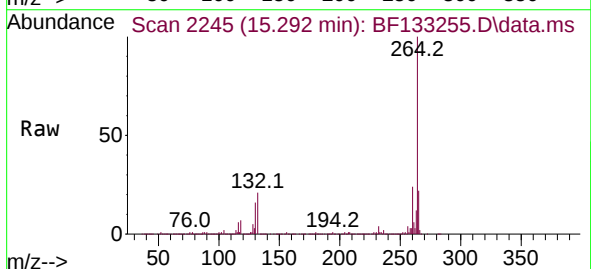
Tgt Ion:149 Resp: 1179792
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.8 9.5 14.3

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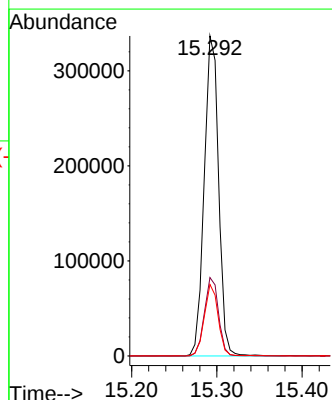
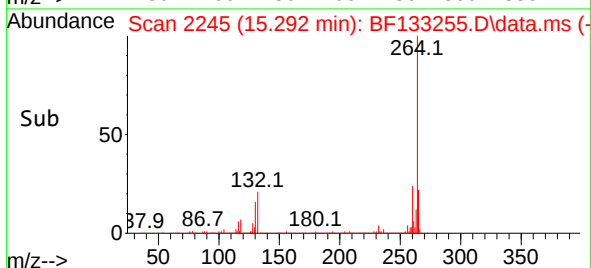
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

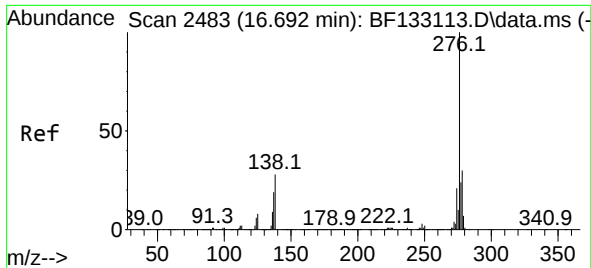


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.292 min Scan# 2245
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51



Tgt Ion:264 Resp: 394230
Ion Ratio Lower Upper
264 100
260 24.5 18.8 28.2
265 22.4 17.0 25.4





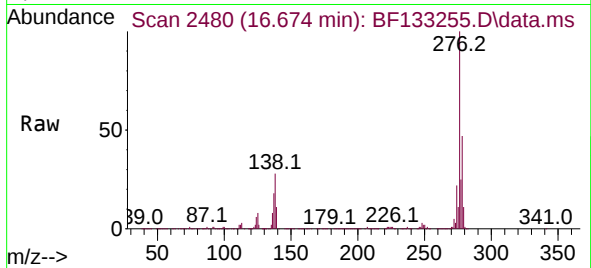
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.645 ng
RT: 16.674 min Scan# 2483
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

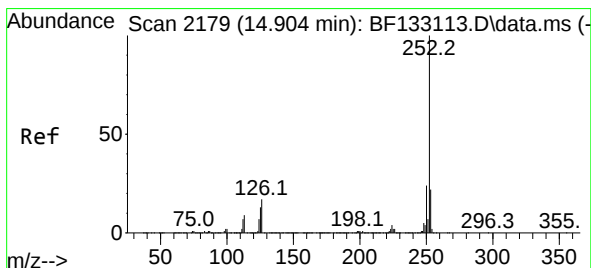
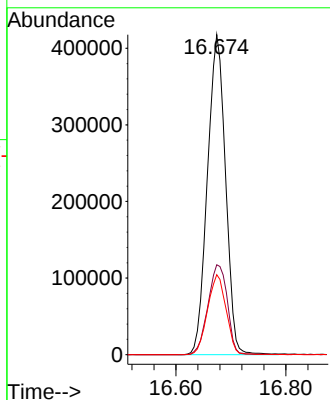
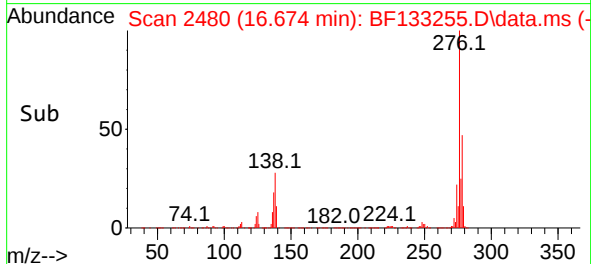


Tgt Ion:276 Resp: 956304
Ion Ratio Lower Upper
276 100
138 30.1 25.5 38.3
277 25.6 20.4 30.6

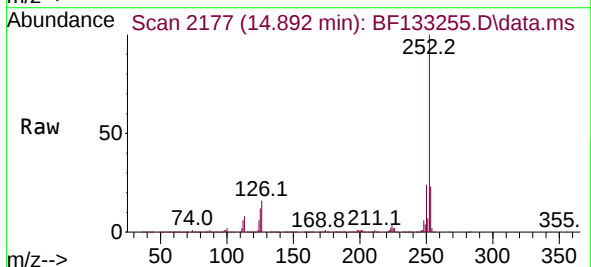
Manual Integrations

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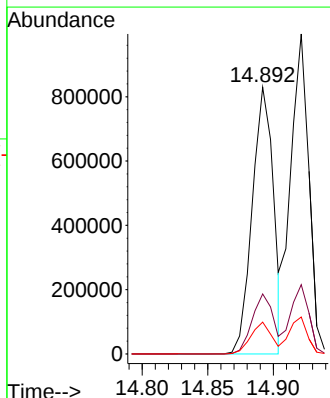
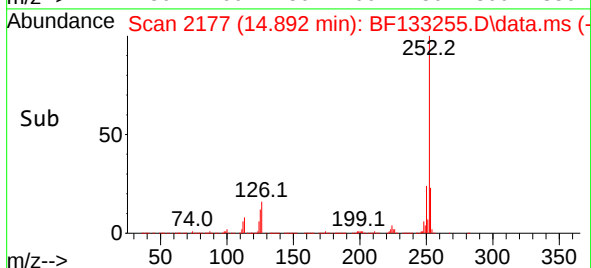
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

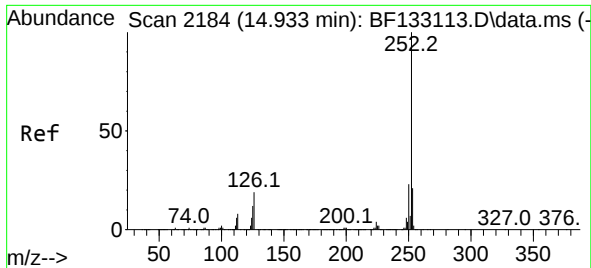


#88
Benzo(b)fluoranthene
Concen: 37.300 ng
RT: 14.892 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51



Tgt Ion:252 Resp: 935506
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 11.9 8.9 13.3





#89
Benzo(k)fluoranthene
Concen: 38.862 ng
RT: 14.921 min Scan# 2184
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51

Instrument :

BNA_F

ClientSampleId :

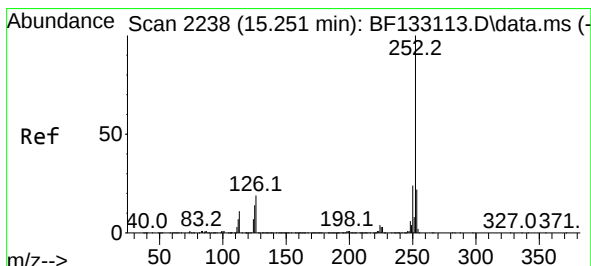
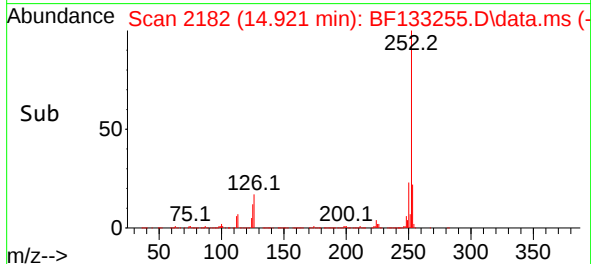
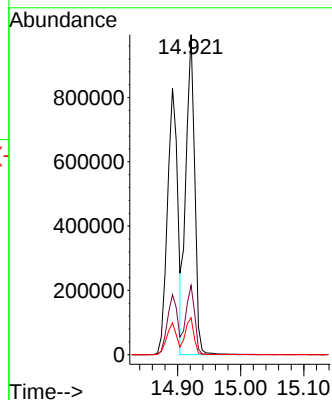
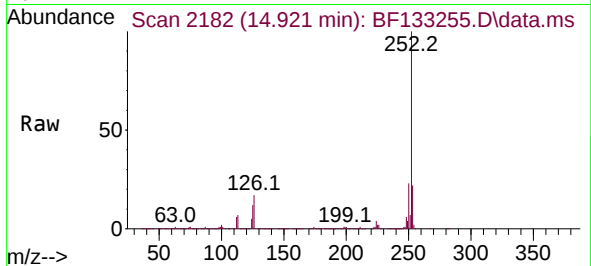
SSTDCCC040

Tgt Ion:252 Resp: 966189
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 11.5 9.0 13.4

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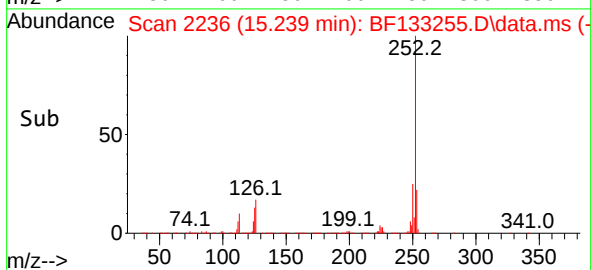
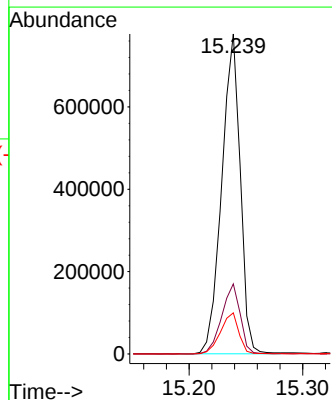
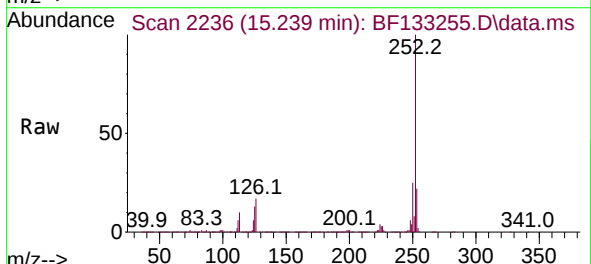
APPROVED

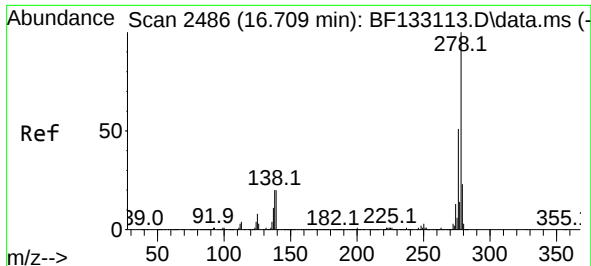
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#90
Benzo(a)pyrene
Concen: 38.518 ng
RT: 15.239 min Scan# 2236
Delta R.T. 0.000 min
Lab File: BF133255.D
Acq: 05 May 2023 09:51

Tgt Ion:252 Resp: 879310
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 12.8 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 42.587 ng

RT: 16.692 min Scan# 2486

Delta R.T. 0.000 min

Lab File: BF133255.D

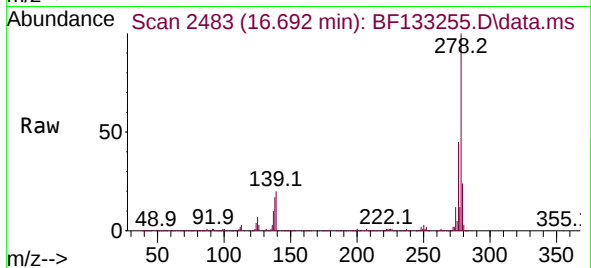
Acq: 05 May 2023 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:278 Resp: 79651

Ion Ratio Lower Upper

278 100

139 19.5 16.6 24.8

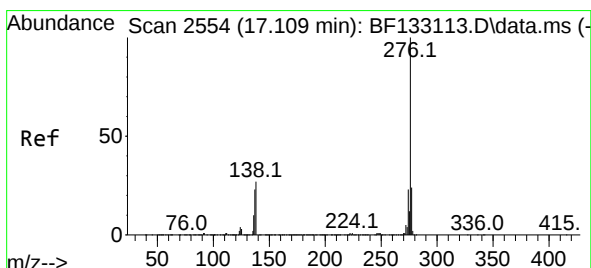
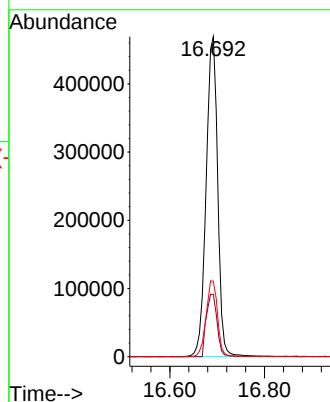
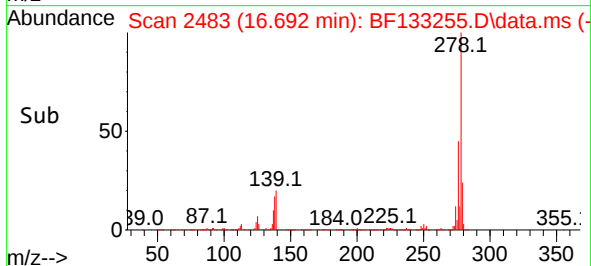
279 23.6 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/08/2023

Supervised By :Jagrut Upadhyay 05/08/2023



#92

Benzo(g,h,i)perylene

Concen: 43.380 ng

RT: 17.092 min Scan# 2551

Delta R.T. 0.000 min

Lab File: BF133255.D

Acq: 05 May 2023 09:51

Tgt Ion:276 Resp: 801009

Ion Ratio Lower Upper

276 100

277 24.2 19.4 29.0

138 25.9 22.7 34.1

