

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
 Data File : BF133311.D
 Acq On : 09 May 2023 11:50
 Operator : CG\JU
 Sample : PB152628BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152628BS

Quant Time: May 10 01:44:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/10/2023
 Supervised By : Jagrut Upadhyay 05/10/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	203288	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	803115	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	420488	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	752646	20.000	ng	0.00
76) Chrysene-d12	13.880	240	443796	20.000	ng	0.00
86) Perylene-d12	15.292	264	387302	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1318846	98.002	ng	0.02
7) Phenol-d6	6.375	99	1624919	97.281	ng	0.00
23) Nitrobenzene-d5	7.292	82	995009	66.874	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	399281	94.419	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1713216	68.164	ng	0.00
79) Terphenyl-d14	12.827	244	1779986	69.173	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	249578	39.984	ng	98
3) Pyridine	3.169	79	608204	36.686	ng	97
4) n-Nitrosodimethylamine	3.128	42	333965	38.891	ng	98
6) Aniline	6.387	93	728055	33.842	ng	# 34
8) 2-Chlorophenol	6.510	128	587328	42.985	ng	97
9) Benzaldehyde	6.269	77	336576	45.988	ng	98
10) Phenol	6.387	94	723493	39.263	ng	# 72
11) bis(2-Chloroethyl)ether	6.463	93	562584	40.685	ng	99
12) 1,3-Dichlorobenzene	6.663	146	630728	43.418	ng	99
13) 1,4-Dichlorobenzene	6.739	146	640533	43.995	ng	98
14) 1,2-Dichlorobenzene	6.892	146	592003	44.105	ng	98
15) Benzyl Alcohol	6.869	79	464670	40.273	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	912207	37.982	ng	94
17) 2-Methylphenol	6.992	107	486580	38.891	ng	97
18) Hexachloroethane	7.234	117	227225	44.891	ng	94
19) n-Nitroso-di-n-propyla...	7.145	70	394058	37.895	ng	94
20) 3+4-Methylphenols	7.145	107	585134	39.712	ng	# 69
22) Acetophenone	7.134	105	806026	43.326	ng	# 95
24) Nitrobenzene	7.310	77	615759	40.841	ng	99
25) Isophorone	7.551	82	1153799	40.843	ng	100
26) 2-Nitrophenol	7.628	139	330007	45.379	ng	91
27) 2,4-Dimethylphenol	7.669	122	543676	43.600	ng	99
28) bis(2-Chloroethoxy)met...	7.763	93	691897	41.401	ng	98
29) 2,4-Dichlorophenol	7.869	162	500615	44.100	ng	99
30) 1,2,4-Trichlorobenzene	7.951	180	518438	44.084	ng	99
31) Naphthalene	8.034	128	1684804	41.959	ng	100
32) Benzoic acid	7.804	122	349537	45.380	ng	99
33) 4-Chloroaniline	8.081	127	426831	26.309	ng	99
34) Hexachlorobutadiene	8.151	225	279964	42.952	ng	97
35) Caprolactam	8.457	113	177150m	46.454	ng	
36) 4-Chloro-3-methylphenol	8.569	107	530231	43.315	ng	99
37) 2-Methylnaphthalene	8.722	142	1107920	40.359	ng	99
38) 1-Methylnaphthalene	8.822	142	1045688	40.719	ng	100
40) 1,2,4,5-Tetrachloroben...	8.892	216	462328	40.893	ng	99
41) Hexachlorocyclopentadiene	8.875	237	562535	85.316	ng	100
43) 2,4,6-Trichlorophenol	9.004	196	321494	41.119	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
 Data File : BF133311.D
 Acq On : 09 May 2023 11:50
 Operator : CG\JU
 Sample : PB152628BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152628BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/10/2023
 Supervised By : Jagrut Upadhyay 05/10/2023

Quant Time: May 10 01:44:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

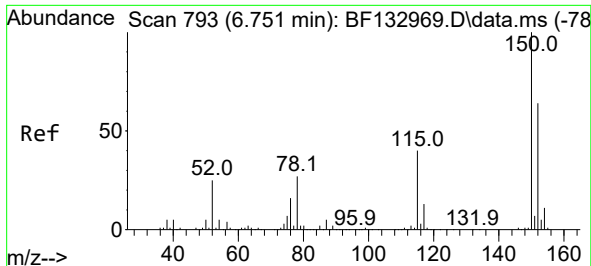
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	352841	39.020	ng	99
46) 1,1'-Biphenyl	9.186	154	1374226	41.215	ng	99
47) 2-Chloronaphthalene	9.210	162	1037542	42.514	ng	99
48) 2-Nitroaniline	9.304	65	331214	41.065	ng	95
49) Acenaphthylene	9.622	152	1588856	40.745	ng	100
50) Dimethylphthalate	9.492	163	1208091	41.204	ng	99
51) 2,6-Dinitrotoluene	9.551	165	277930	42.116	ng	89
52) Acenaphthene	9.798	154	1162491m	44.511	ng	
53) 3-Nitroaniline	9.716	138	246876	31.463	ng	98
54) 2,4-Dinitrophenol	9.828	184	295659	89.133	ng	99
55) Dibenzofuran	9.969	168	1425184	40.004	ng	99
56) 4-Nitrophenol	9.892	139	464010	76.352	ng	93
57) 2,4-Dinitrotoluene	9.957	165	361448	42.949	ng	# 92
58) Fluorene	10.310	166	1055587	40.442	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	288596	41.167	ng	99
60) Diethylphthalate	10.186	149	1136985	41.055	ng	100
61) 4-Chlorophenyl-phenyle...	10.304	204	501224	39.406	ng	98
62) 4-Nitroaniline	10.333	138	316556	43.895	ng	98
63) Azobenzene	10.463	77	1146760	39.088	ng	97
65) 4,6-Dinitro-2-methylph...	10.363	198	203532	44.615	ng	84
66) n-Nitrosodiphenylamine	10.422	169	971204	39.781	ng	99
67) 4-Bromophenyl-phenylether	10.792	248	324004	39.692	ng	96
68) Hexachlorobenzene	10.857	284	346129	41.381	ng	94
69) Atrazine	10.951	200	337330	47.952	ng	99
70) Pentachlorophenol	11.057	266	407677	68.436	ng	97
71) Phenanthrene	11.269	178	1612315	39.857	ng	99
72) Anthracene	11.322	178	1653385	39.938	ng	99
73) Carbazole	11.474	167	1501368	40.729	ng	99
74) Di-n-butylphthalate	11.810	149	1772907	42.500	ng	99
75) Fluoranthene	12.451	202	1588715	39.132	ng	99
77) Benzidine	12.574	184	1005718	134.010	ng	# 94
78) Pyrene	12.680	202	1638510	43.069	ng	99
80) Butylbenzylphthalate	13.304	149	691378	51.326	ng	98
81) Benzo(a)anthracene	13.868	228	1195913	39.187	ng	100
82) 3,3'-Dichlorobenzidine	13.833	252	286120	33.938	ng	100
83) Chrysene	13.904	228	1181959	38.739	ng	100
84) Bis(2-ethylhexyl)phtha...	13.863	149	740946	43.823	ng	99
85) Di-n-octyl phthalate	14.474	149	1227783	44.535	ng	97
87) Indeno(1,2,3-cd)pyrene	16.680	276	1066448	48.408	ng	97
88) Benzo(b)fluoranthene	14.892	252	1043910	42.367	ng	99
89) Benzo(k)fluoranthene	14.921	252	999312	40.913	ng	100
90) Benzo(a)pyrene	15.239	252	884844	39.454	ng	98
91) Dibenzo(a,h)anthracene	16.692	278	884815	48.154	ng	97
92) Benzo(g,h,i)perylene	17.092	276	881417	48.589	ng	97

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

Manual Integrations APPROVED

Quant Time: May 10 01:44:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 09 04:59:36 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Instrument :

BNA_F

ClientSampleId :

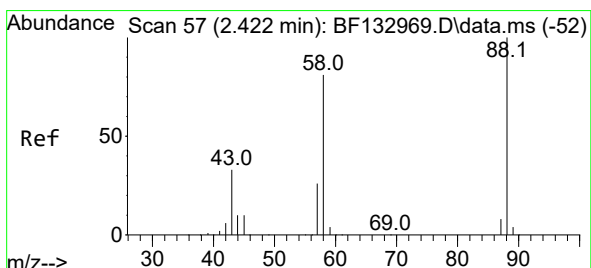
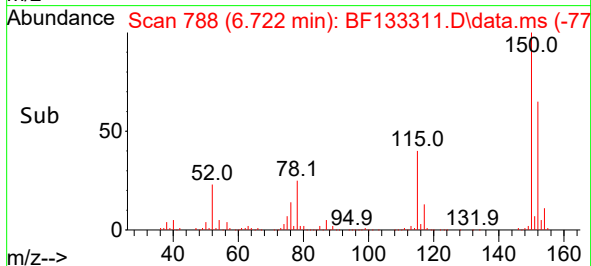
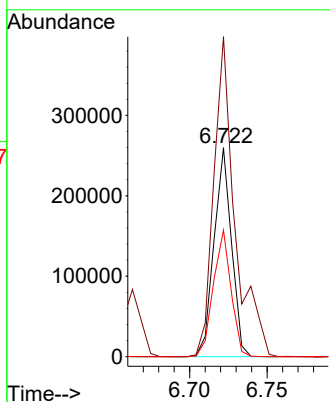
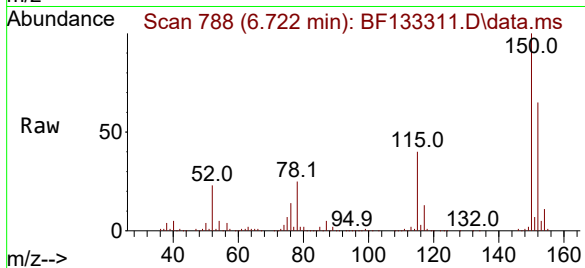
PB152628BS

Tgt Ion:152 Resp: 20328
Ion Ratio Lower Upper
152 100
150 153.1 124.8 187.2
115 60.6 49.9 74.9

Manual Integrations

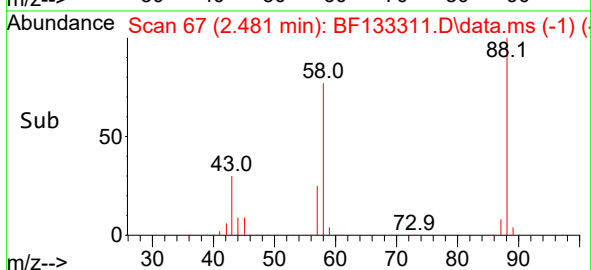
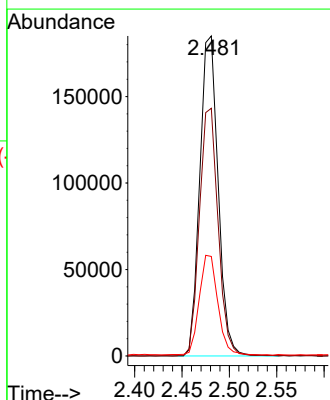
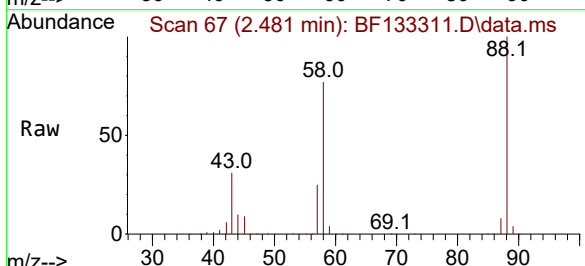
APPROVED

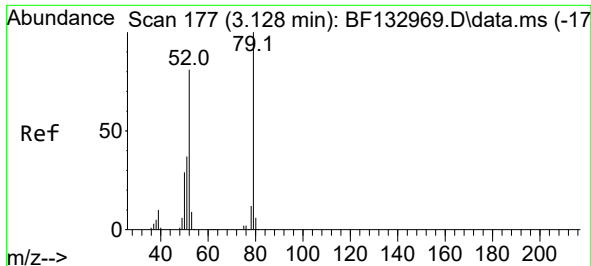
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#2
1,4-Dioxane
Concen: 39.984 ng
RT: 2.481 min Scan# 67
Delta R.T. 0.112 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

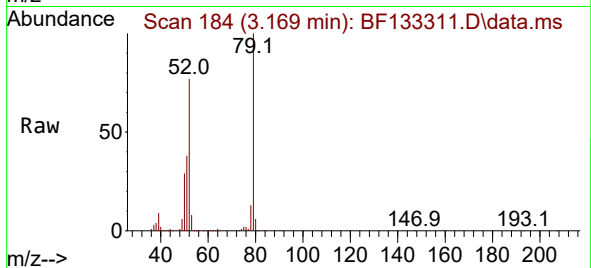
Tgt Ion: 88 Resp: 249578
Ion Ratio Lower Upper
88 100
58 78.9 64.7 97.1
43 31.8 26.2 39.2





#3
Pyridine
Concen: 36.686 ng
RT: 3.169 min Scan# 11
Delta R.T. 0.106 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

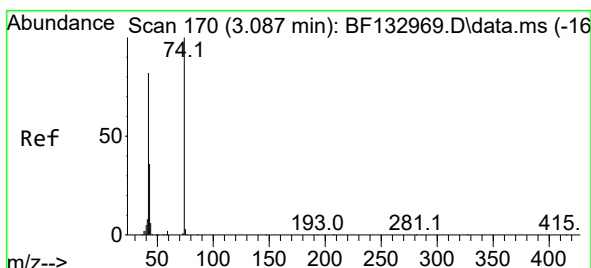
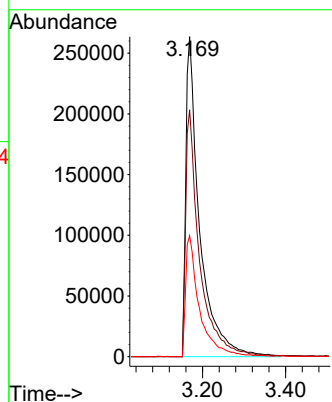
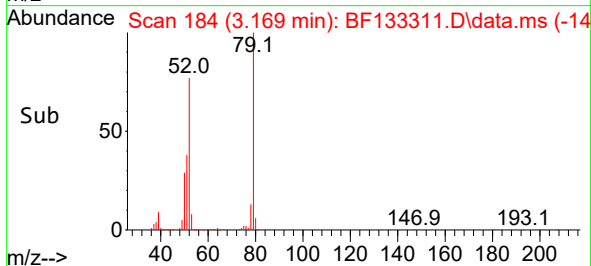
Instrument :
BNA_F
ClientSampleId :
PB152628BS



Tgt Ion: 79 Resp: 608204
Ion Ratio Lower Upper
79 100
52 77.2 64.6 96.8
51 37.8 30.0 45.0

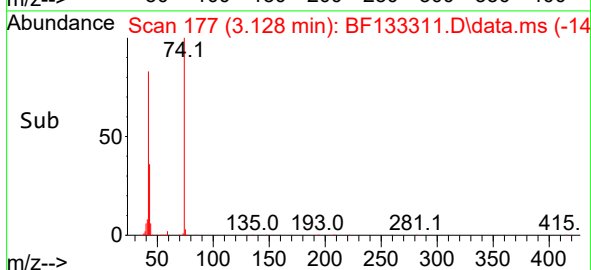
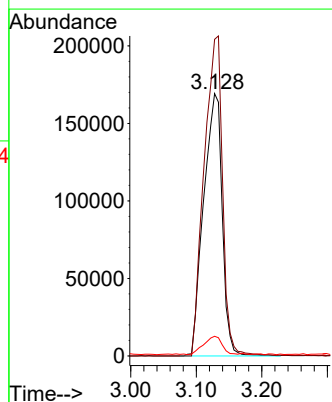
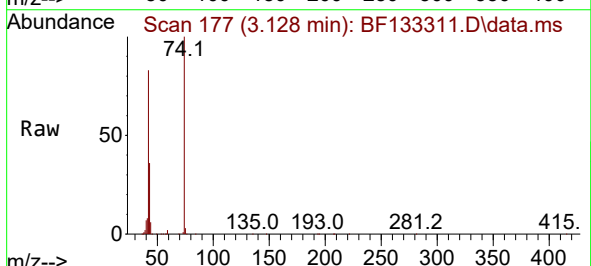
Manual Integrations
APPROVED

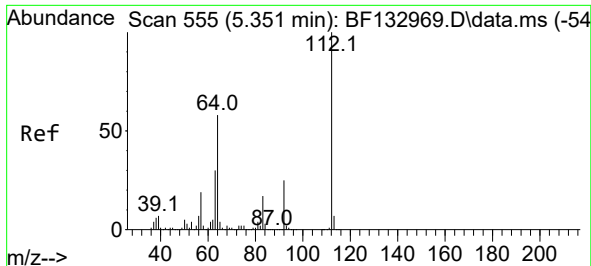
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#4
n-Nitrosodimethylamine
Concen: 38.891 ng
RT: 3.128 min Scan# 177
Delta R.T. 0.094 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Tgt Ion: 42 Resp: 333965
Ion Ratio Lower Upper
42 100
74 120.7 98.0 147.0
44 7.5 5.8 8.8





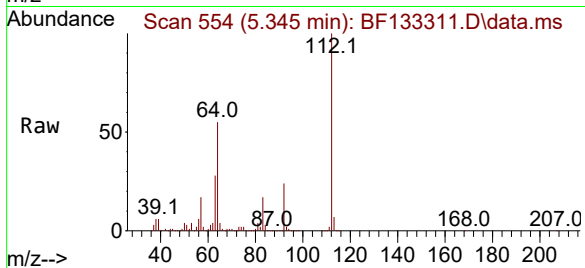
#5
2-Fluorophenol
Concen: 98.002 ng
RT: 5.345 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Instrument :

BNA_F

ClientSampleId :

PB152628BS

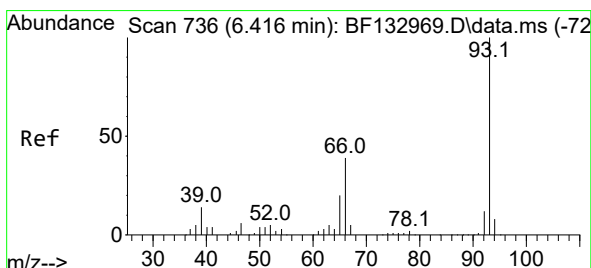
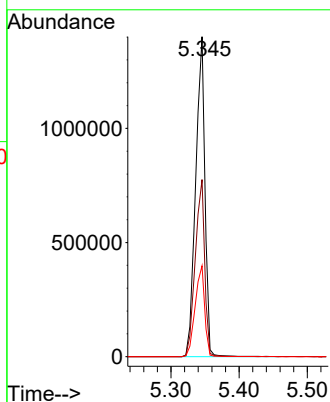
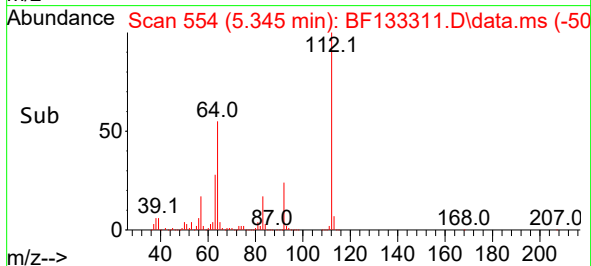


Tgt Ion:112 Resp: 1318840
Ion Ratio Lower Upper
112 100
64 55.4 46.8 70.2
63 28.4 23.8 35.8

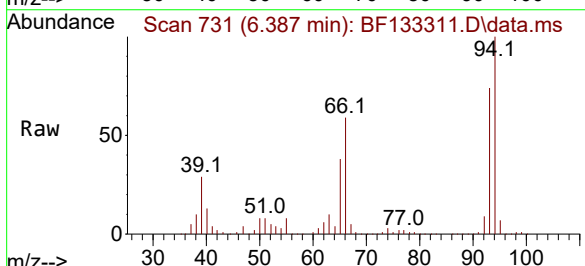
Manual Integrations

APPROVED

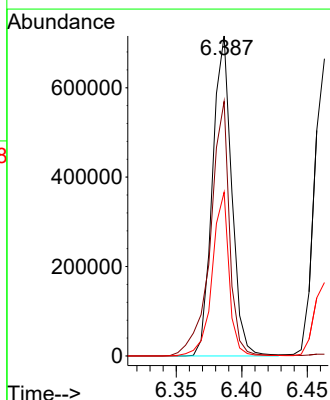
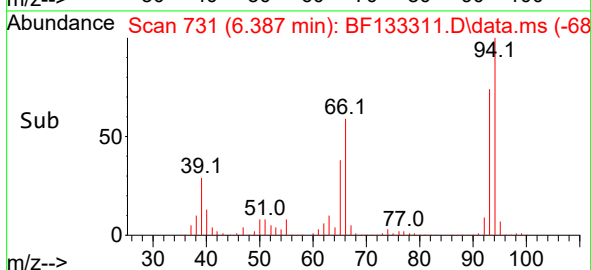
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023

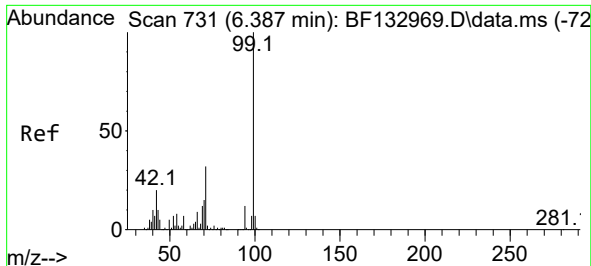


#6
Aniline
Concen: 33.842 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50



Tgt Ion: 93 Resp: 728055
Ion Ratio Lower Upper
93 100
66 79.6 31.5 47.3#
65 51.2 16.4 24.6#





#7

Phenol-d6

Concen: 97.281 ng

RT: 6.375 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

Instrument :

BNA_F

ClientSampleId :

PB152628BS

Tgt Ion: 99 Resp: 1624919

Ion Ratio Lower Upper

99 100

42 18.0 16.3 24.5

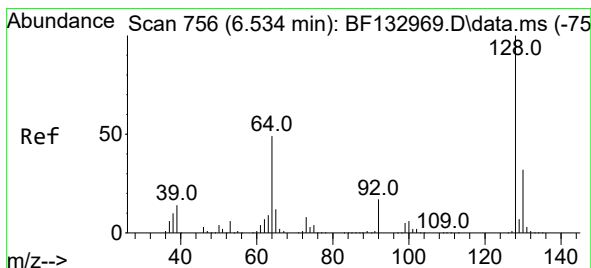
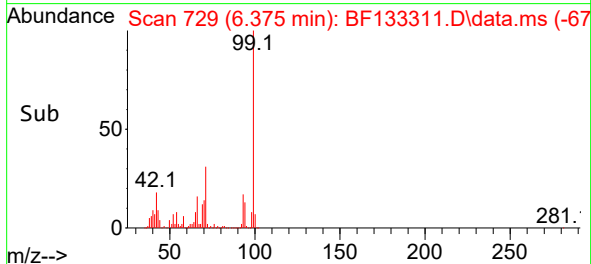
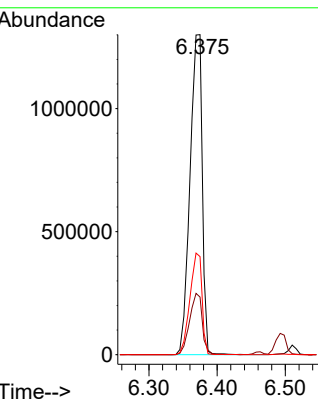
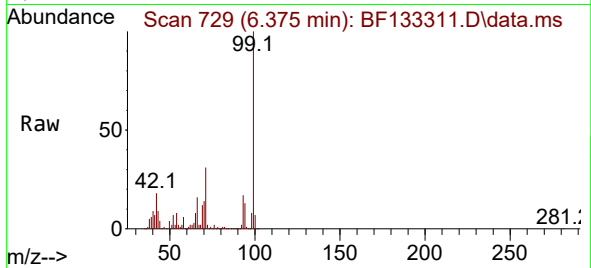
71 30.7 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/10/2023

Supervised By :Jagrut Upadhyay 05/10/2023



#8

2-Chlorophenol

Concen: 42.985 ng

RT: 6.510 min Scan# 752

Delta R.T. 0.000 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

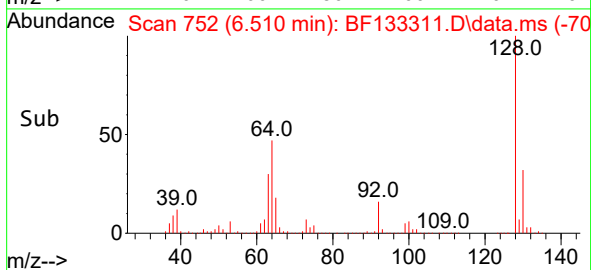
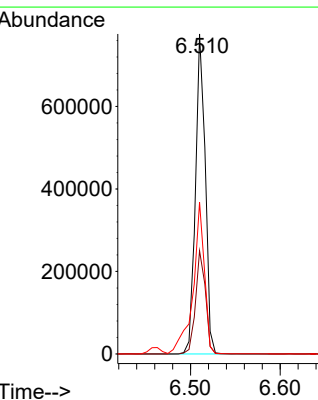
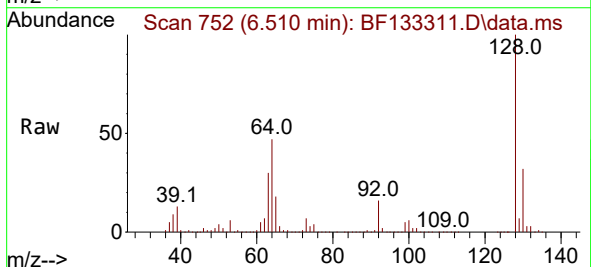
Tgt Ion:128 Resp: 587328

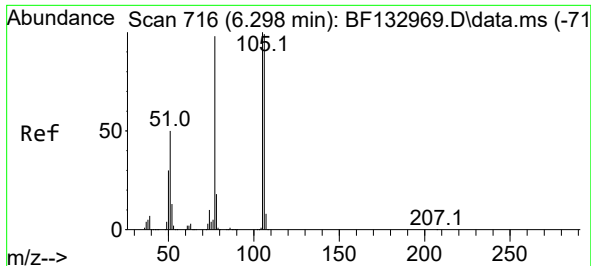
Ion Ratio Lower Upper

128 100

130 32.2 12.2 52.2

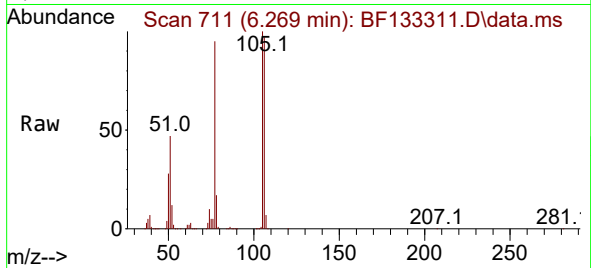
64 47.4 30.3 70.3





#9
Benzaldehyde
Concen: 45.988 ng
RT: 6.269 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

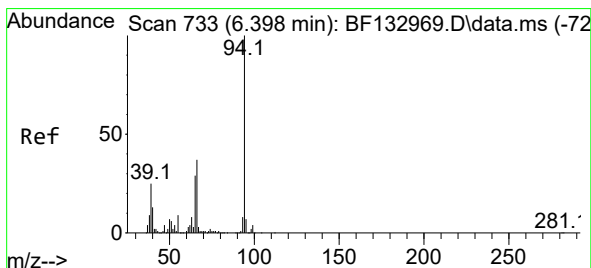
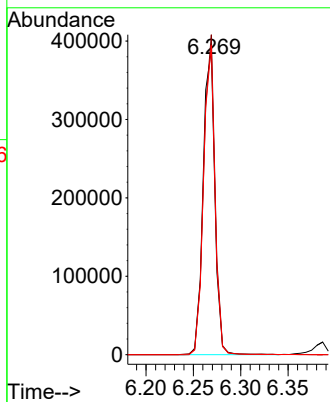
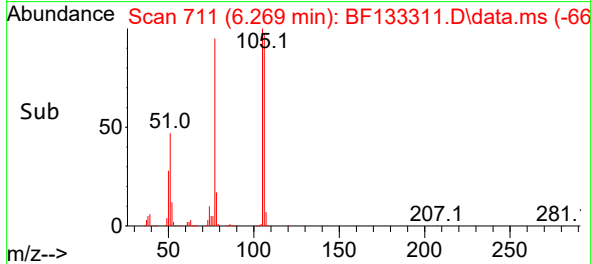
Instrument :
BNA_F
ClientSampleId :
PB152628BS



Tgt Ion: 77 Resp: 336570
Ion Ratio Lower Upper
77 100
105 105.2 82.3 122.3
106 101.7 80.8 120.8

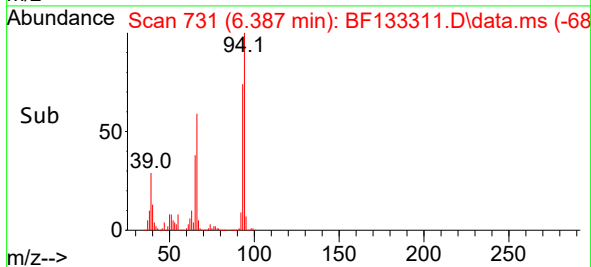
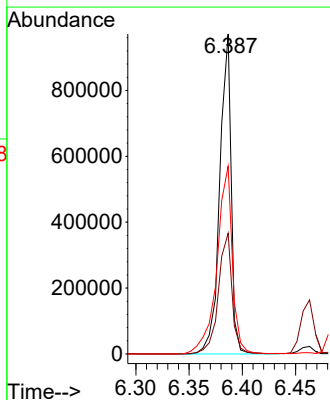
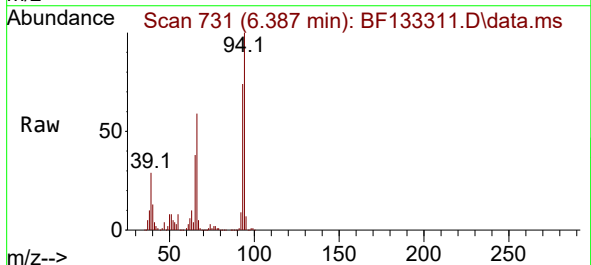
Manual Integrations
APPROVED

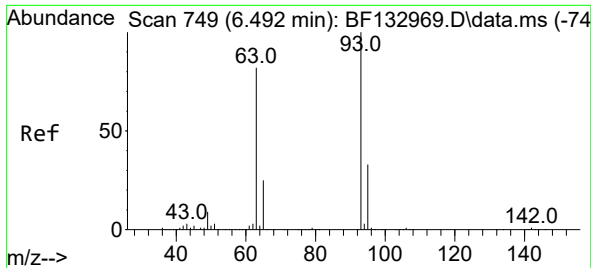
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#10
Phenol
Concen: 39.263 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Tgt Ion: 94 Resp: 723493
Ion Ratio Lower Upper
94 100
65 37.7 8.6 48.6
66 58.6 17.3 57.3#





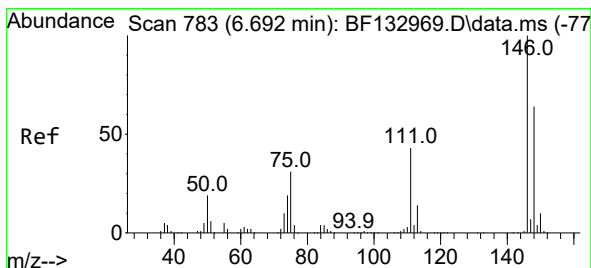
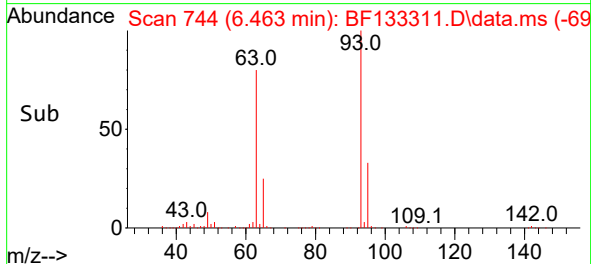
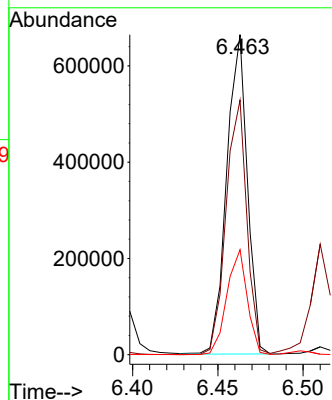
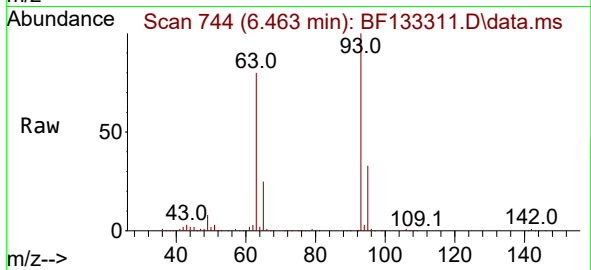
#11
bis(2-Chloroethyl)ether
Concen: 40.685 ng
RT: 6.463 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Instrument :
BNA_F
ClientSampleId :
PB152628BS

Tgt Ion: 93 Resp: 562584
Ion Ratio Lower Upper
93 100
63 79.6 60.6 100.6
95 32.8 12.9 52.9

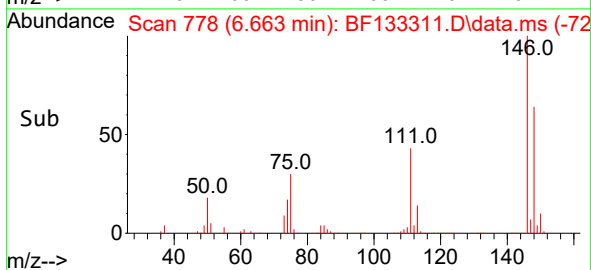
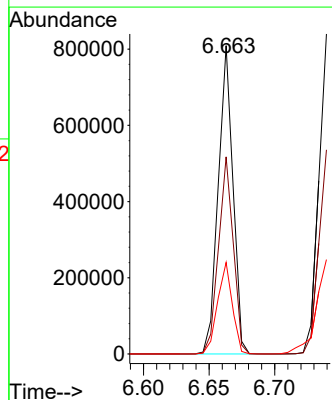
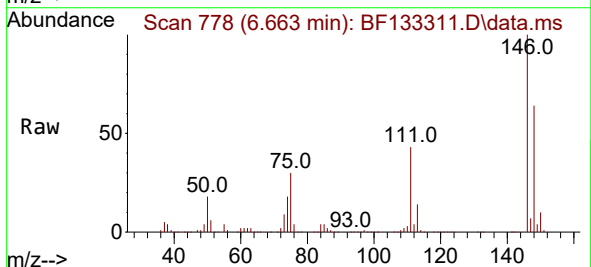
Manual Integrations
APPROVED

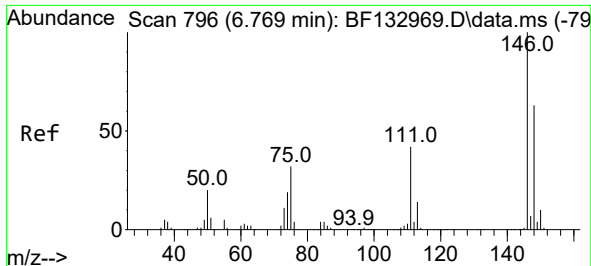
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#12
1,3-Dichlorobenzene
Concen: 43.418 ng
RT: 6.663 min Scan# 778
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Tgt Ion:146 Resp: 630728
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.4
75 29.7 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 43.995 ng

RT: 6.739 min Scan# 796

Delta R.T. 0.000 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

Instrument :

BNA_F

ClientSampleId :

PB152628BS

Tgt Ion:146 Resp: 64053

Ion Ratio Lower Upper

146 100

148 63.8 50.3 75.5

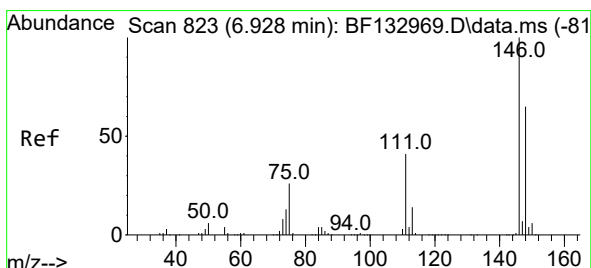
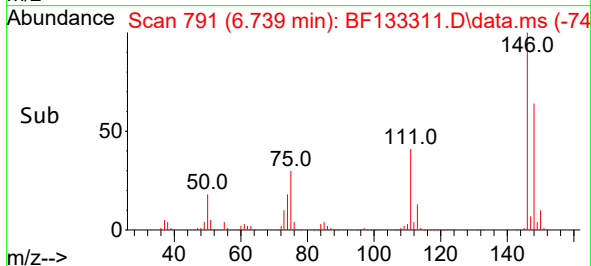
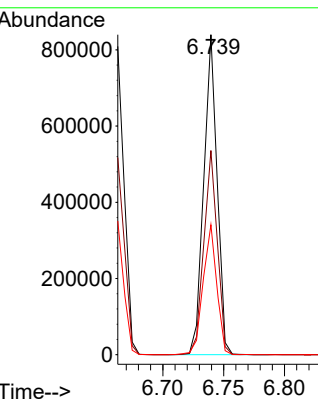
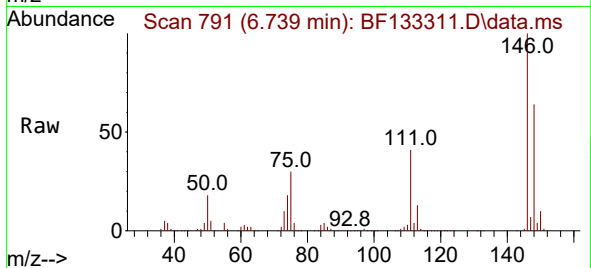
111 40.6 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/10/2023

Supervised By :Jagrut Upadhyay 05/10/2023



#14

1,2-Dichlorobenzene

Concen: 44.105 ng

RT: 6.892 min Scan# 817

Delta R.T. -0.006 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

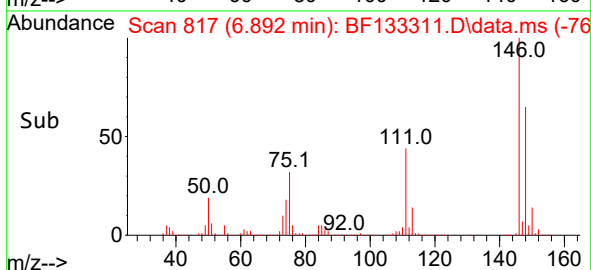
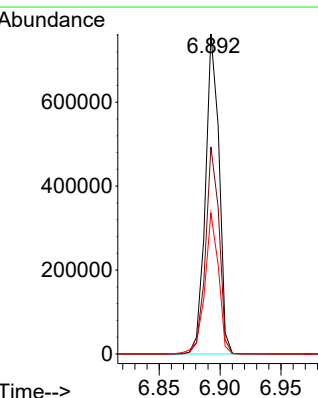
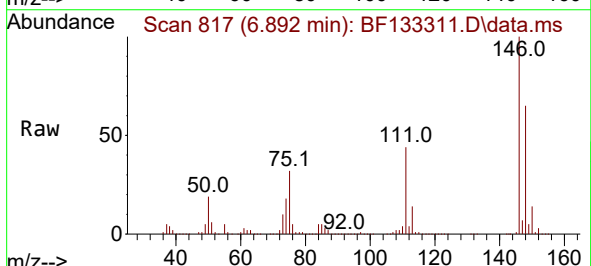
Tgt Ion:146 Resp: 592003

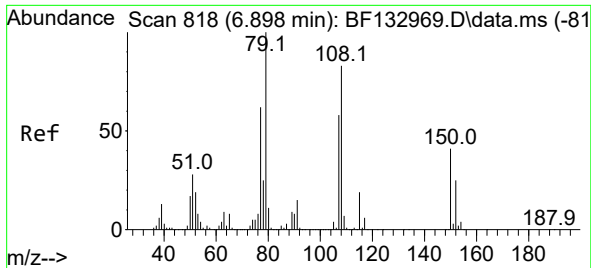
Ion Ratio Lower Upper

146 100

148 64.7 52.2 78.2

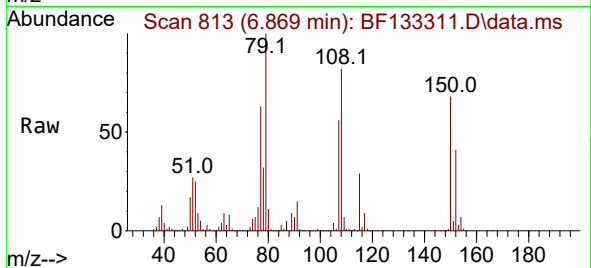
111 44.1 32.8 49.2





#15
Benzyl Alcohol
Concen: 40.273 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

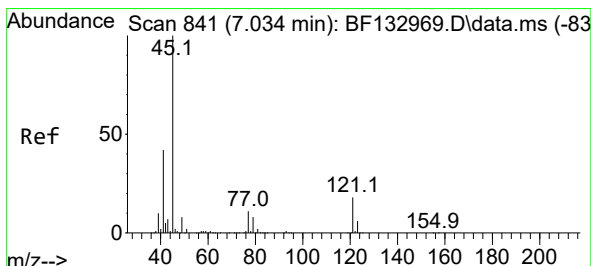
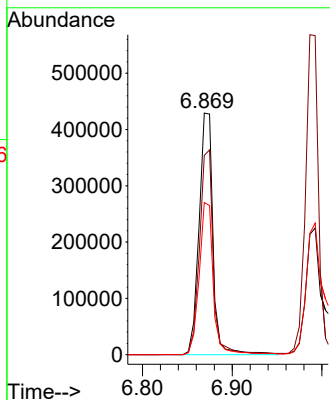
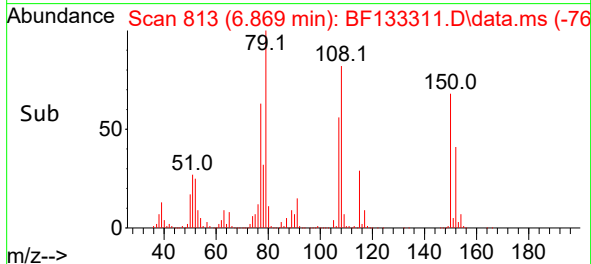
Instrument :
BNA_F
ClientSampleId :
PB152628BS



Tgt Ion: 79 Resp: 464670
Ion Ratio Lower Upper
79 100
108 82.4 66.6 99.8
77 63.0 49.2 73.8

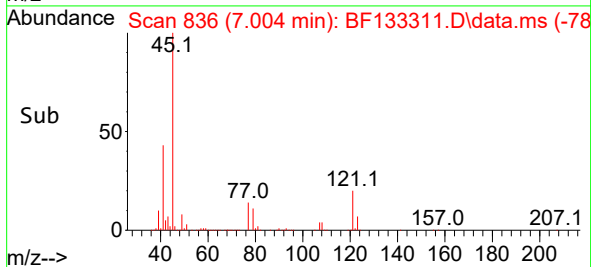
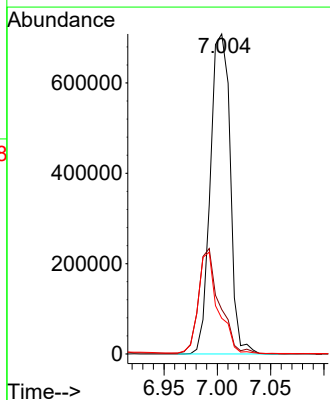
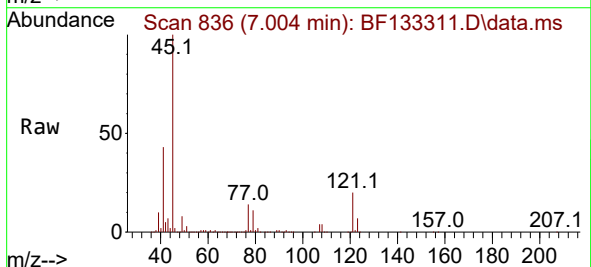
Manual Integrations
APPROVED

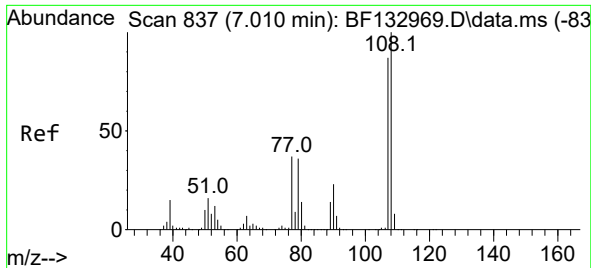
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.982 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Tgt Ion: 45 Resp: 912207
Ion Ratio Lower Upper
45 100
77 13.9 0.0 31.5
79 11.1 0.0 28.7





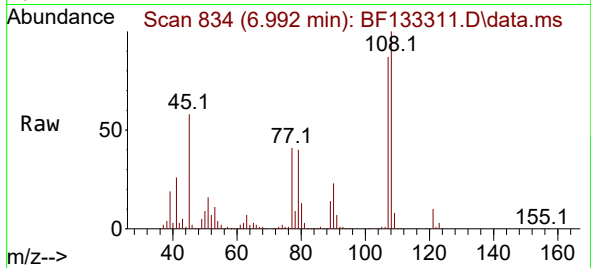
#17
2-Methylphenol
Concen: 38.891 ng
RT: 6.992 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Instrument :

BNA_F

ClientSampleId :

PB152628BS

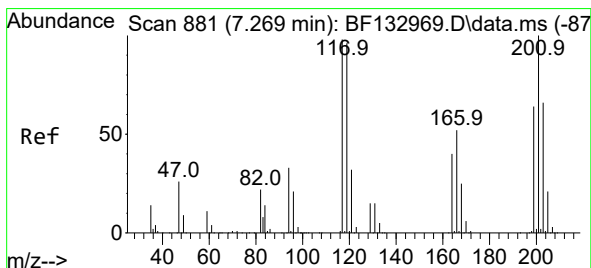
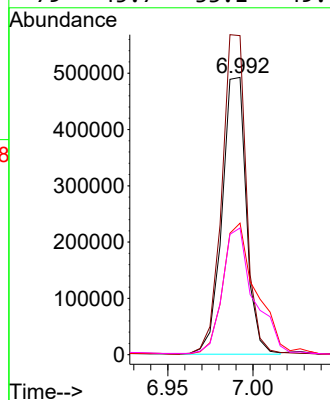
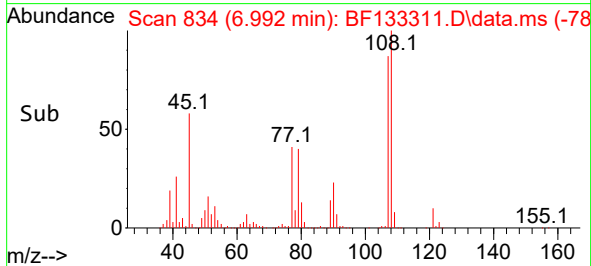


Tgt Ion:107 Resp: 486580
Ion Ratio Lower Upper
107 100
108 115.1 92.4 138.6
77 47.4 33.8 50.8
79 45.7 33.1 49.7

Manual Integrations

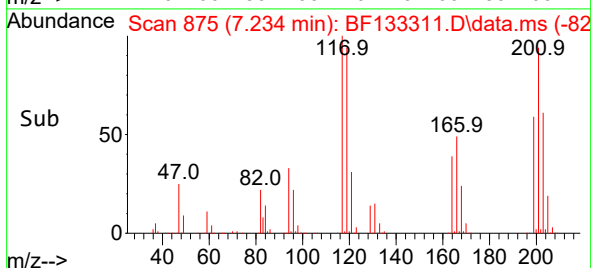
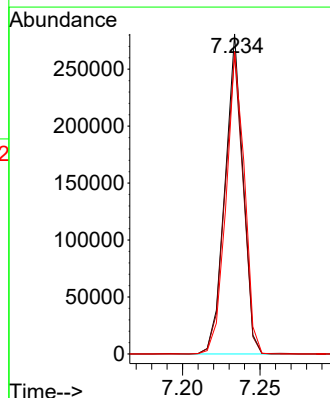
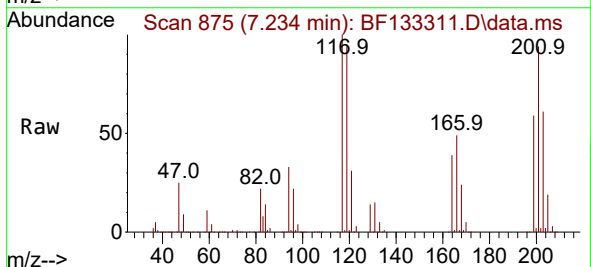
APPROVED

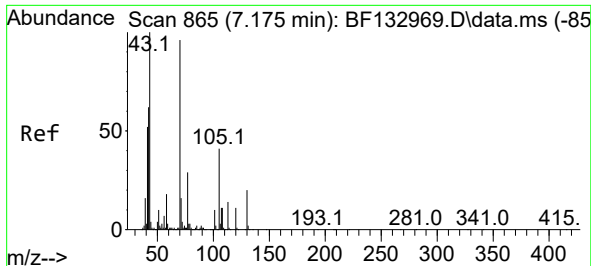
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#18
Hexachloroethane
Concen: 44.891 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Tgt Ion:117 Resp: 227225
Ion Ratio Lower Upper
117 100
119 94.0 78.2 117.4
201 94.5 81.7 122.5





#19

n-Nitroso-di-n-propylamine

Concen: 37.895 ng

RT: 7.145 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF133311.D

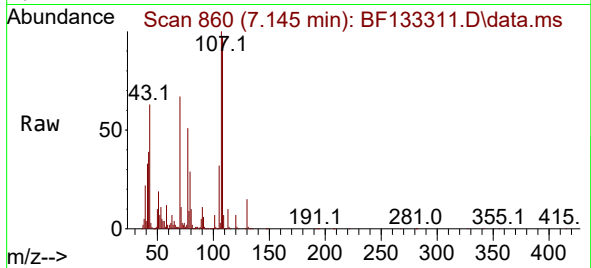
Acq: 09 May 2023 11:50

Instrument :

BNA_F

ClientSampleId :

PB152628BS



Tgt Ion: 70 Resp: 394058

Ion Ratio Lower Upper

70 100

42 58.2 51.8 77.6

101 10.3 8.0 12.0

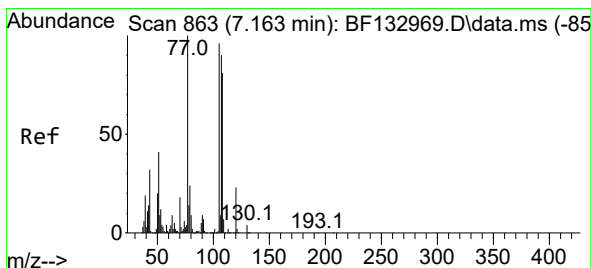
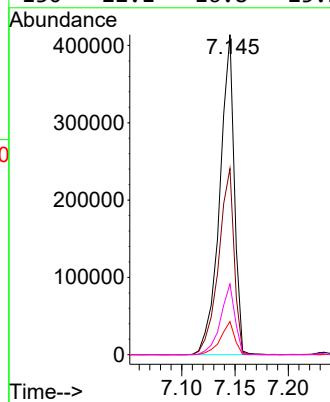
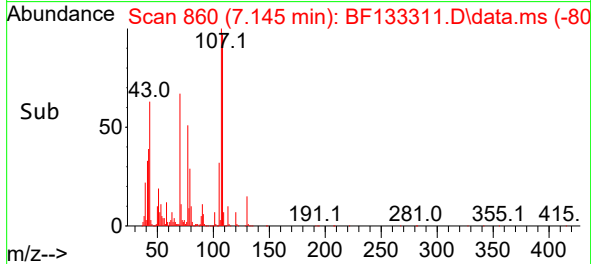
130 22.1 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/10/2023

Supervised By :Jagrut Upadhyay 05/10/2023



#20

3+4-Methylphenols

Concen: 39.712 ng

RT: 7.145 min Scan# 860

Delta R.T. 0.000 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

Tgt Ion:107 Resp: 585134

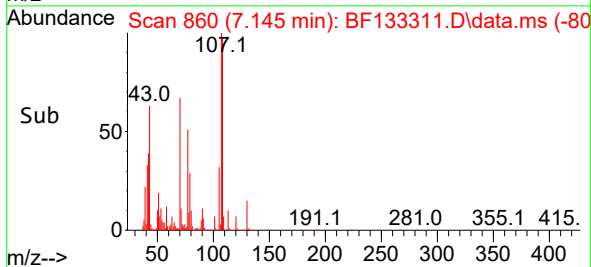
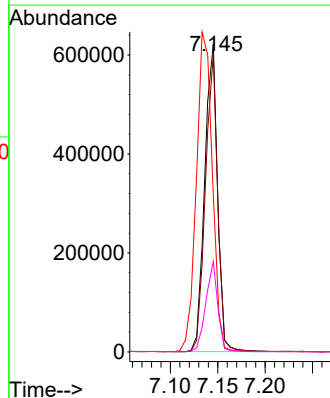
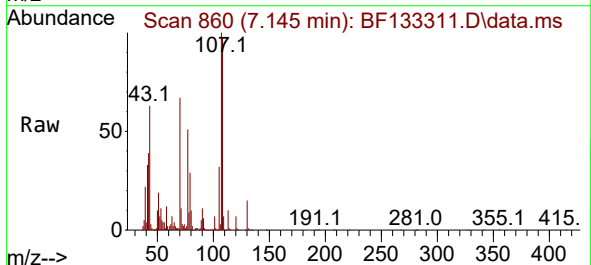
Ion Ratio Lower Upper

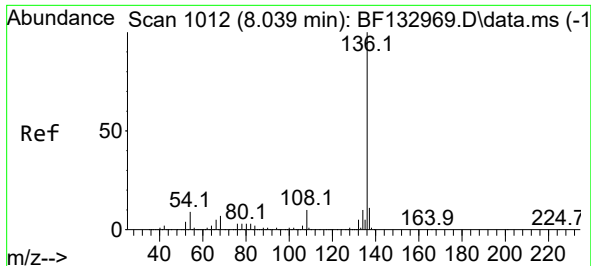
107 100

108 96.6 70.5 110.5

77 50.9 91.7 131.7#

79 29.4 7.1 47.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.010 min Scan# 1012

Delta R.T. 0.000 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

Instrument :

BNA_F

ClientSampleId :

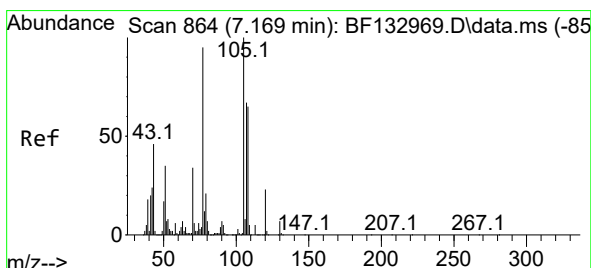
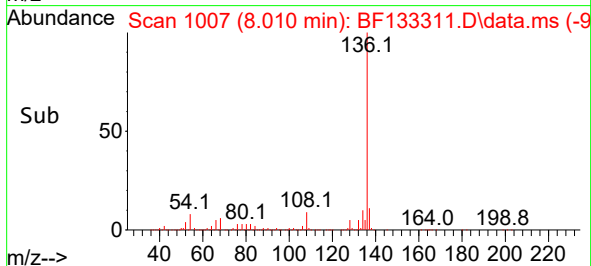
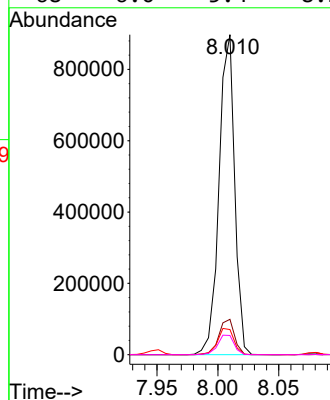
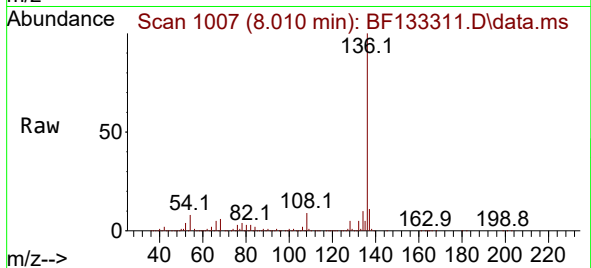
PB152628BS

Tgt Ion:136	Resp: 80311
Ion Ratio	Lower Upper
136 100	
137 11.0	8.6 13.0
54 7.9	7.0 10.4
68 6.0	5.4 8.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#22

Acetophenone

Concen: 43.326 ng

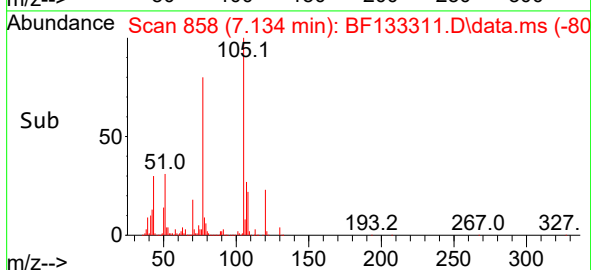
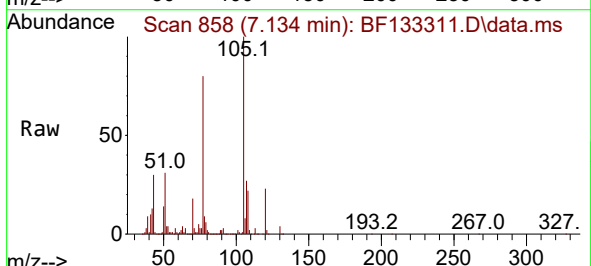
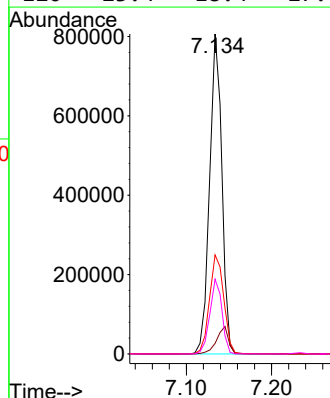
RT: 7.134 min Scan# 858

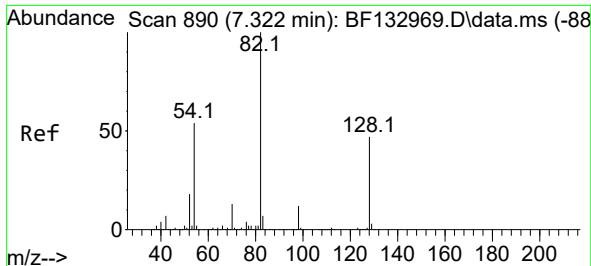
Delta R.T. -0.006 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

Tgt Ion:105	Resp: 806026
Ion Ratio	Lower Upper
105 100	
71 3.3	4.6 7.0#
51 30.9	28.2 42.2
120 23.4	18.4 27.6





#23
Nitrobenzene-d5
Concen: 66.874 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Instrument :

BNA_F

ClientSampleId :

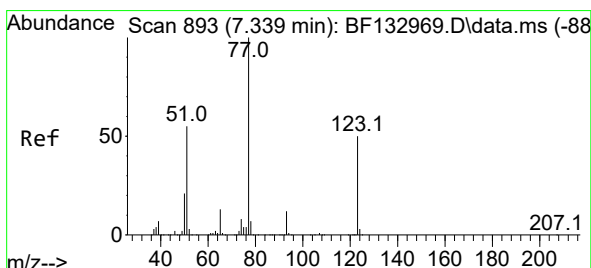
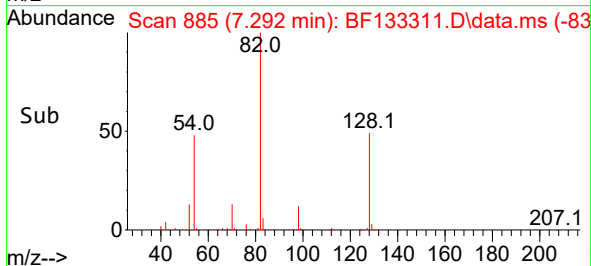
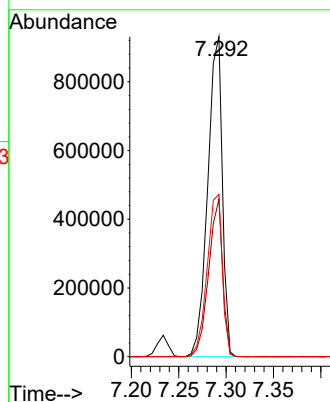
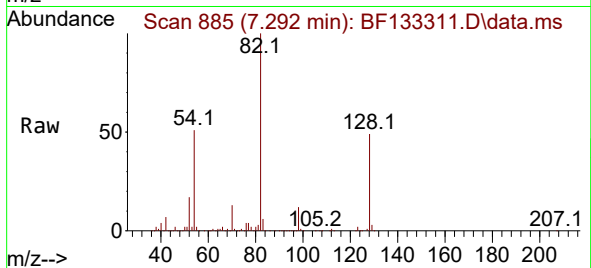
PB152628BS

Tgt Ion: 82 Resp: 995009
Ion Ratio Lower Upper
82 100
128 49.1 37.7 56.5
54 50.7 43.0 64.4

Manual Integrations

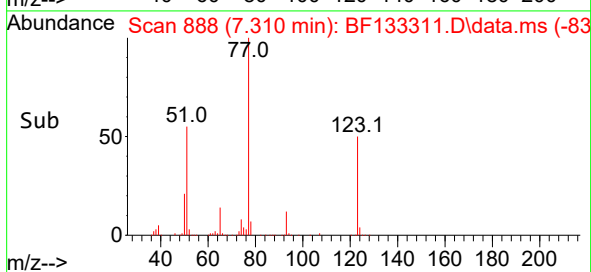
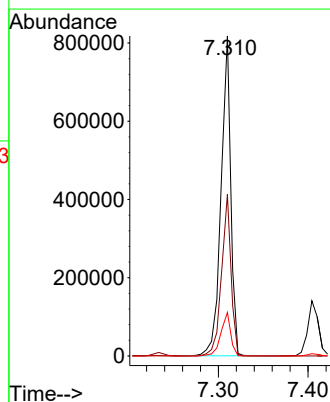
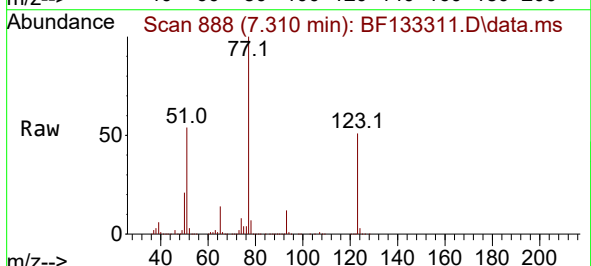
APPROVED

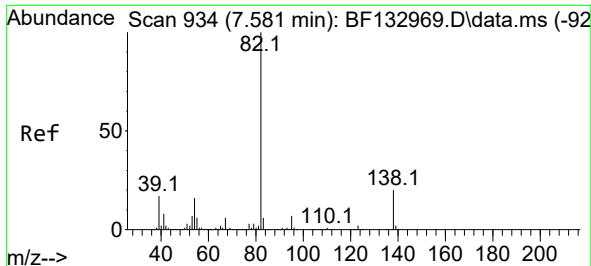
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#24
Nitrobenzene
Concen: 40.841 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

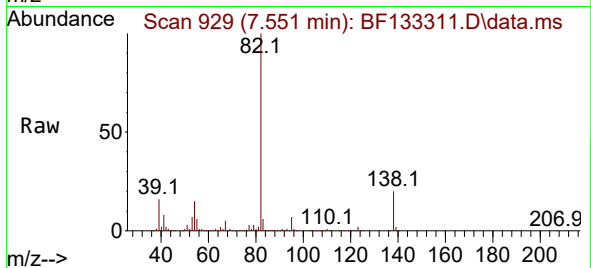
Tgt Ion: 77 Resp: 615759
Ion Ratio Lower Upper
77 100
123 50.5 39.9 59.9
65 13.6 10.7 16.1





#25
Isophorone
Concen: 40.843 ng
RT: 7.551 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

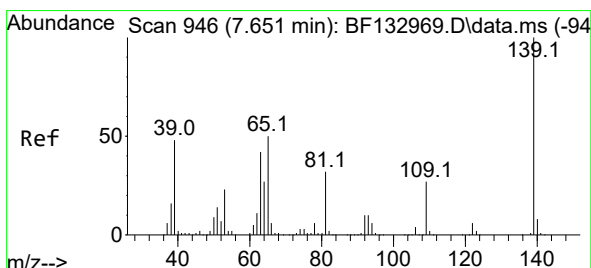
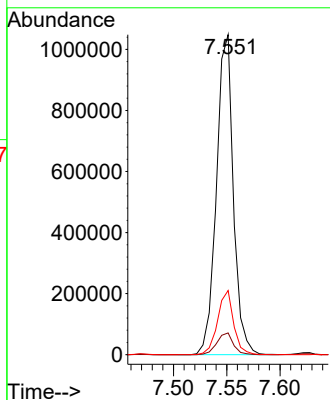
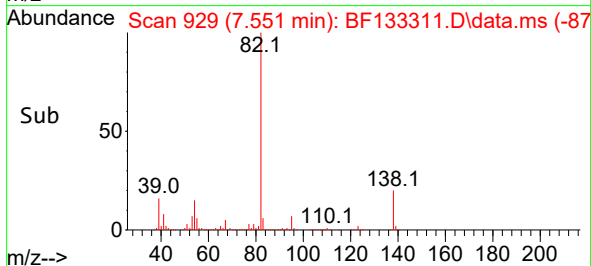
Instrument :
BNA_F
ClientSampleId :
PB152628BS



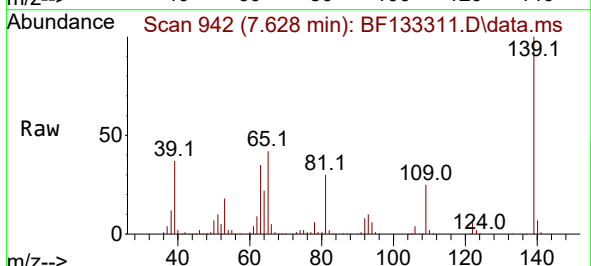
Tgt Ion: 82 Resp: 115379
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 20.0 16.0 24.0

Manual Integrations
APPROVED

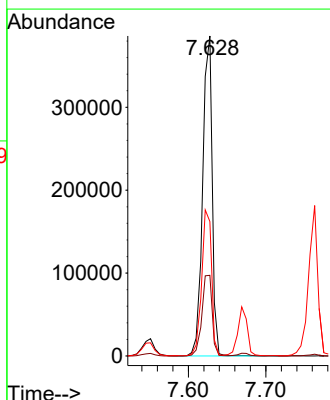
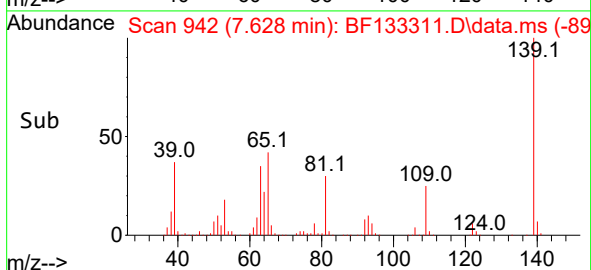
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023

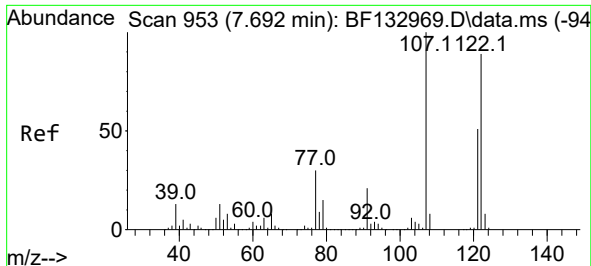


#26
2-Nitrophenol
Concen: 45.379 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50



Tgt Ion:139 Resp: 330007
Ion Ratio Lower Upper
139 100
109 25.2 21.6 32.4
65 42.0 39.8 59.6





#27
2,4-Dimethylphenol
Concen: 43.600 ng
RT: 7.669 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Instrument :

BNA_F

ClientSampleId :

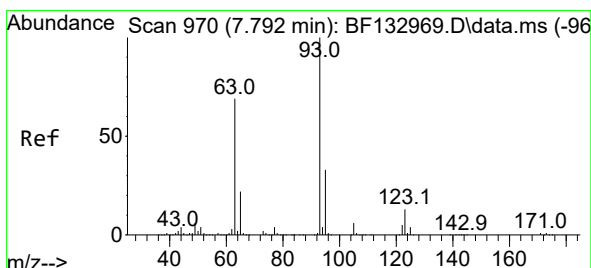
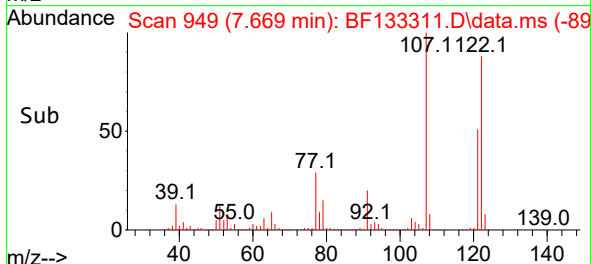
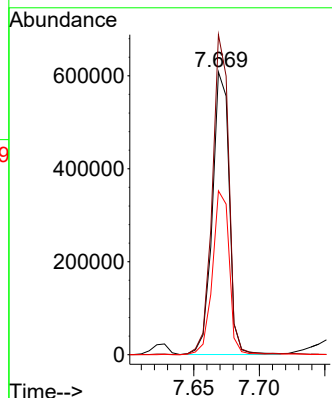
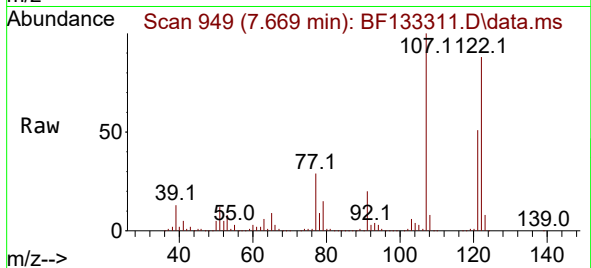
PB152628BS

Tgt Ion:122 Resp: 543670
Ion Ratio Lower Upper
122 100
107 113.2 89.7 134.5
121 57.9 46.0 69.0

Manual Integrations

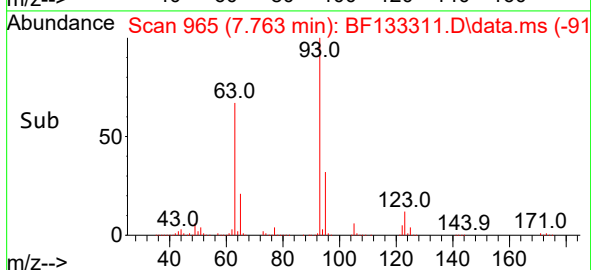
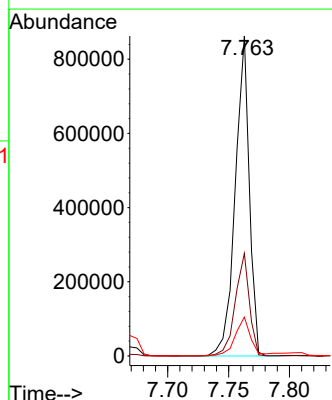
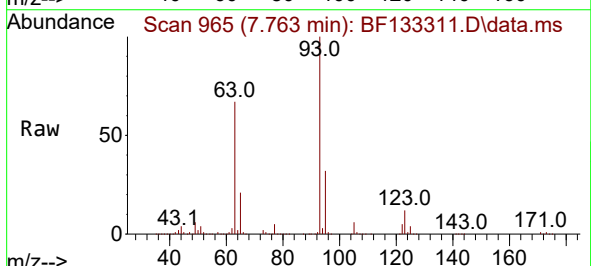
APPROVED

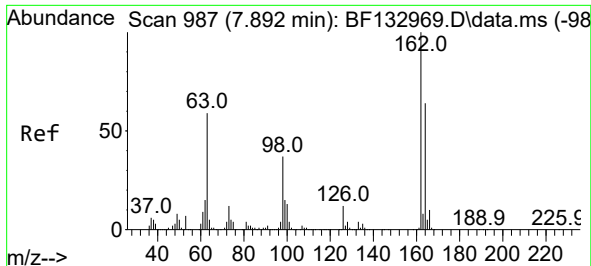
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#28
bis(2-Chloroethoxy)methane
Concen: 41.401 ng
RT: 7.763 min Scan# 965
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Tgt Ion: 93 Resp: 691897
Ion Ratio Lower Upper
93 100
95 32.1 26.4 39.6
123 12.1 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 44.100 ng

RT: 7.869 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

Instrument :

BNA_F

ClientSampleId :

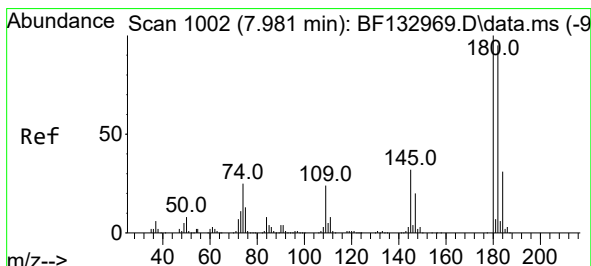
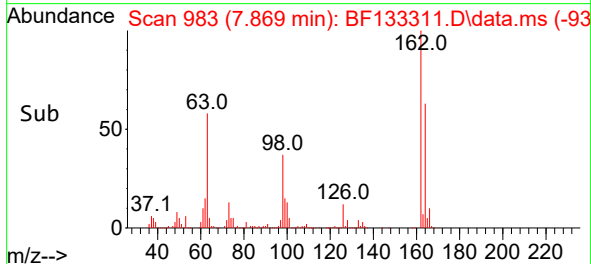
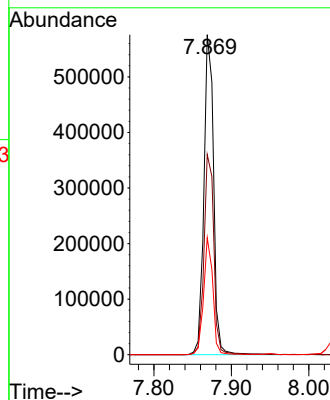
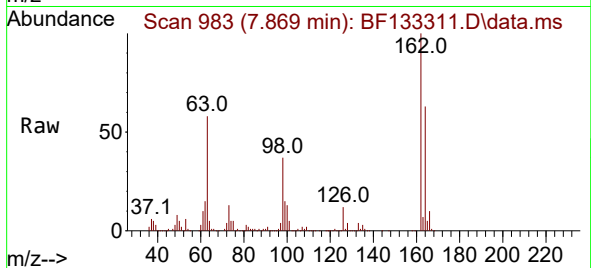
PB152628BS

Tgt Ion:	162	Resp:	50061
Ion Ratio	Lower	Upper	
162	100		
164	62.6	43.9	83.9
98	36.5	17.0	57.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#30

1,2,4-Trichlorobenzene

Concen: 44.084 ng

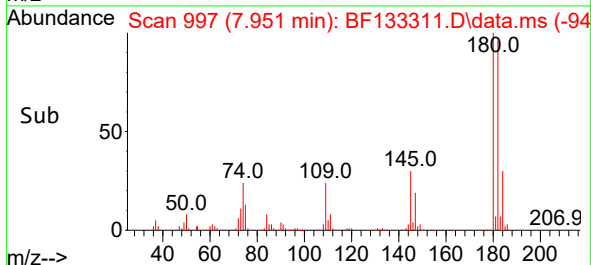
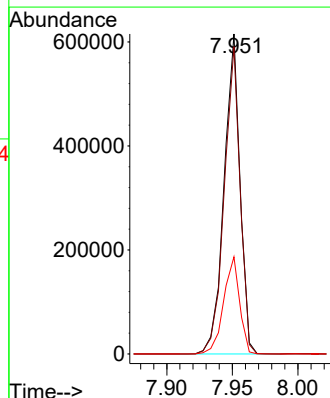
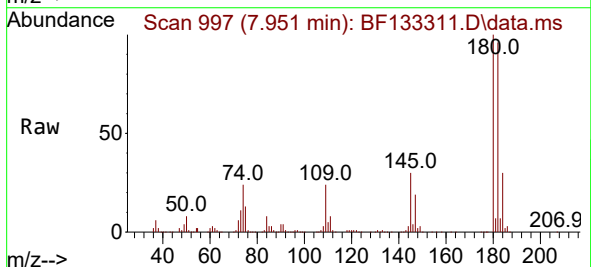
RT: 7.951 min Scan# 997

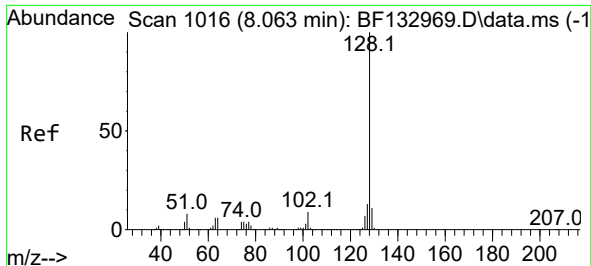
Delta R.T. 0.000 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

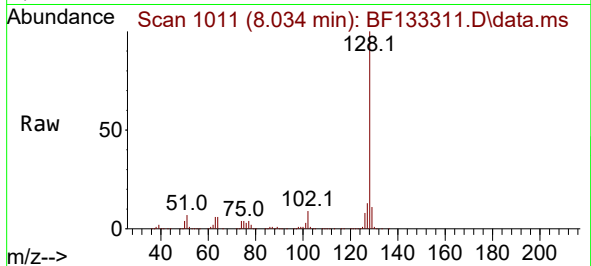
Tgt Ion:	180	Resp:	518438
Ion Ratio	Lower	Upper	
180	100		
182	96.1	75.9	113.9
145	30.3	25.3	37.9





#31
Naphthalene
Concen: 41.959 ng
RT: 8.034 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

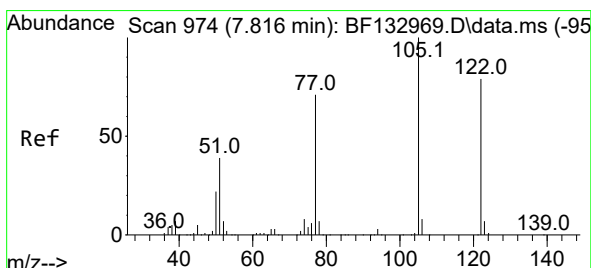
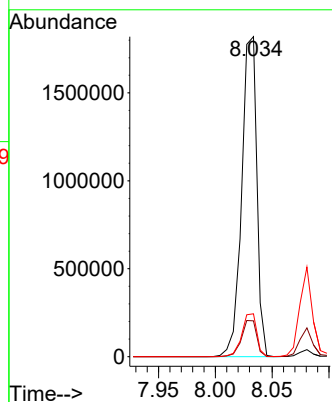
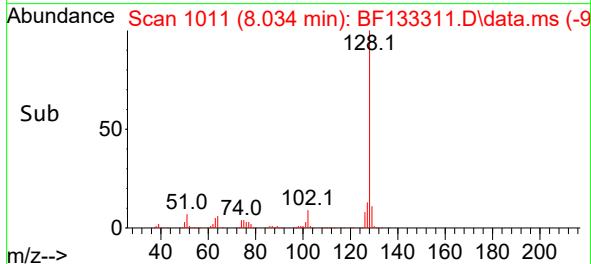
Instrument :
BNA_F
ClientSampleId :
PB152628BS



Tgt Ion:128 Resp: 1684804
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.4 10.7 16.1

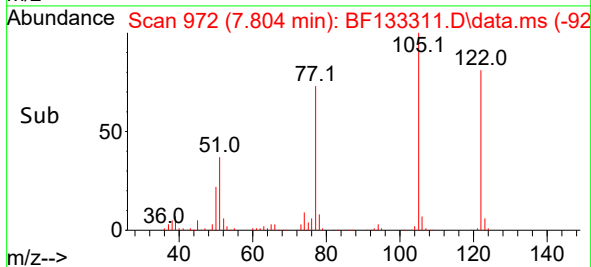
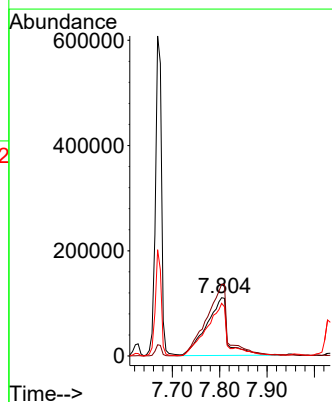
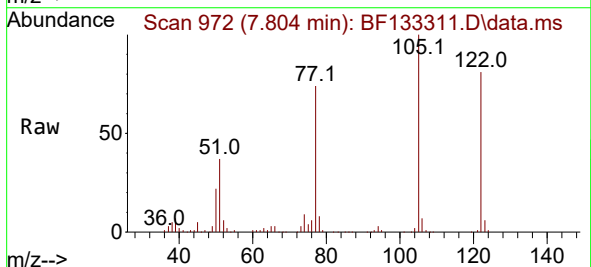
Manual Integrations
APPROVED

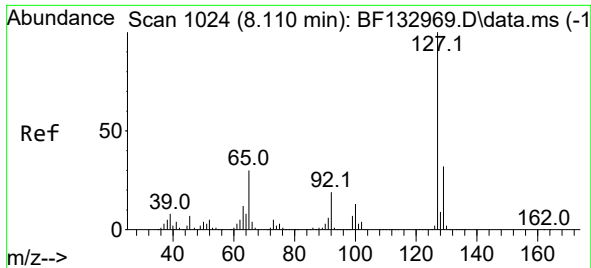
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#32
Benzoic acid
Concen: 45.380 ng
RT: 7.804 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Tgt Ion:122 Resp: 349537
Ion Ratio Lower Upper
122 100
105 123.1 104.2 144.2
77 90.5 69.7 109.7





#33
4-Chloroaniline
Concen: 26.309 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Instrument :

BNA_F

ClientSampleId :

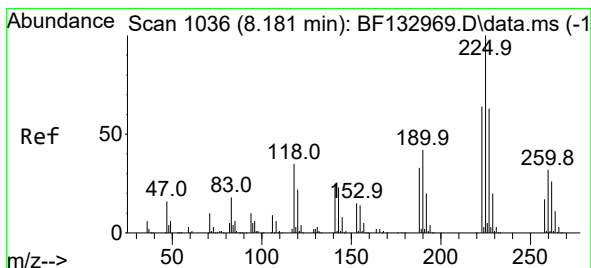
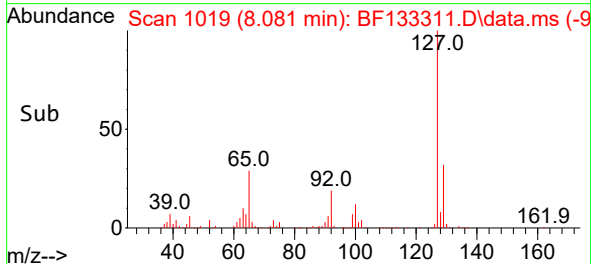
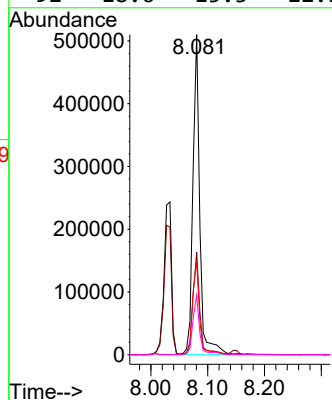
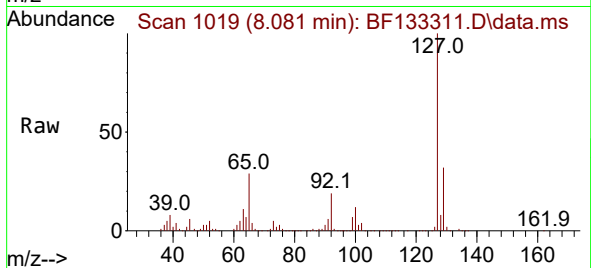
PB152628BS

Tgt Ion:127 Resp: 42683
Ion Ratio Lower Upper
127 100
129 32.1 25.8 38.8
65 29.0 23.6 35.4
92 18.6 15.3 22.9

Manual Integrations

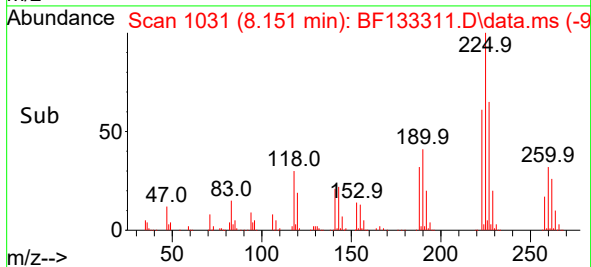
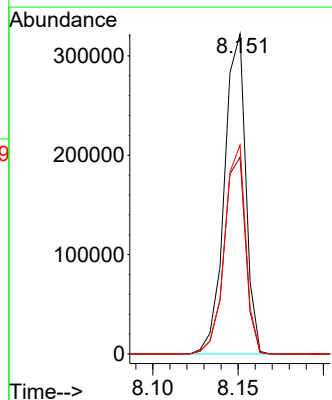
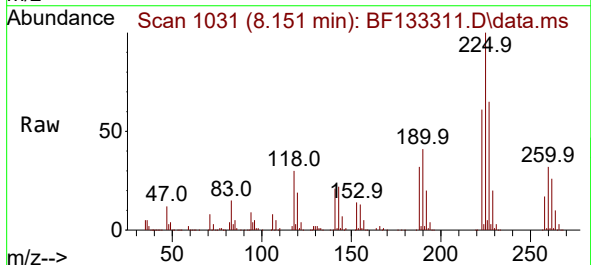
APPROVED

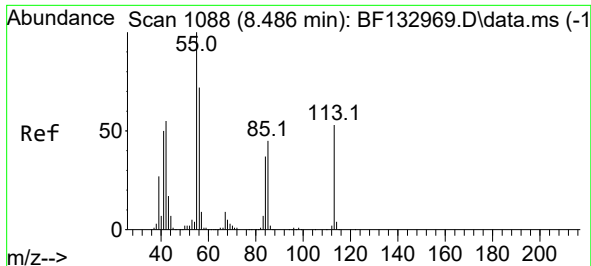
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#34
Hexachlorobutadiene
Concen: 42.952 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

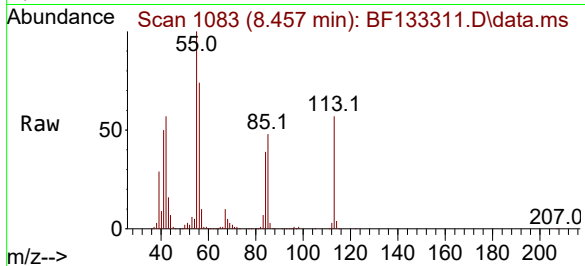
Tgt Ion:225 Resp: 279964
Ion Ratio Lower Upper
225 100
223 61.4 50.9 76.3
227 65.3 50.3 75.5





#35
Caprolactam
Concen: 46.454 ng m
RT: 8.457 min Scan# 1083
Delta R.T. -0.006 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

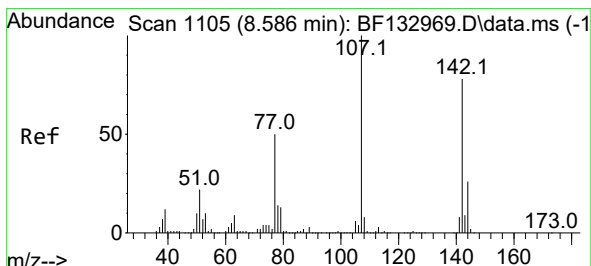
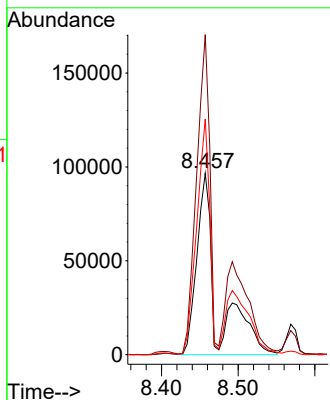
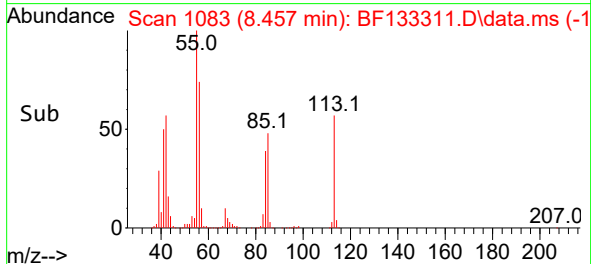
Instrument :
BNA_F
ClientSampleId :
PB152628BS



Tgt Ion:113 Resp: 177150
Ion Ratio Lower Upper
113 100
55 176.4 167.1 207.1
56 129.9 114.5 154.5

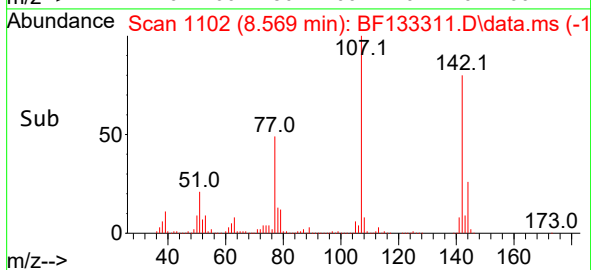
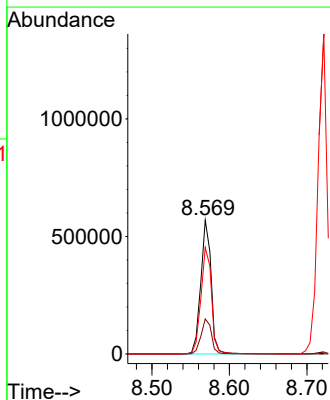
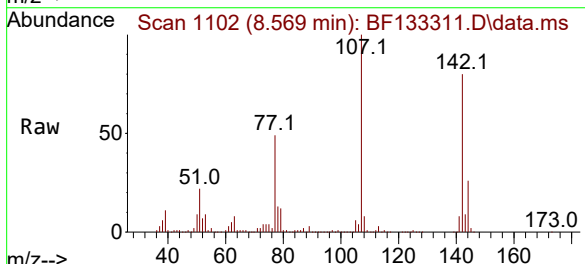
Manual Integrations
APPROVED

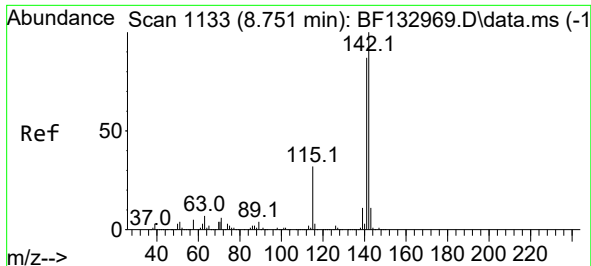
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#36
4-Chloro-3-methylphenol
Concen: 43.315 ng
RT: 8.569 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Tgt Ion:107 Resp: 530231
Ion Ratio Lower Upper
107 100
144 26.2 20.6 30.8
142 79.6 62.8 94.2





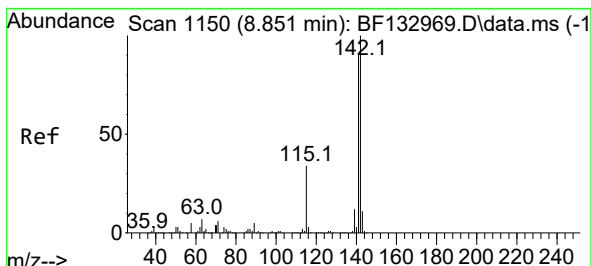
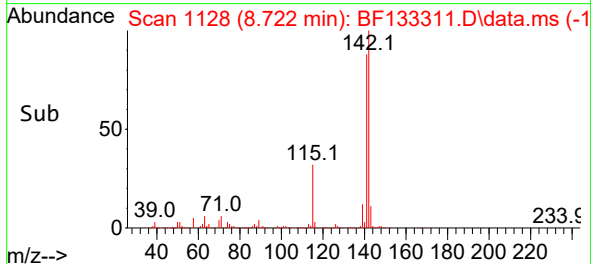
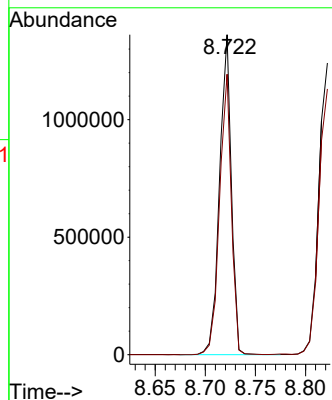
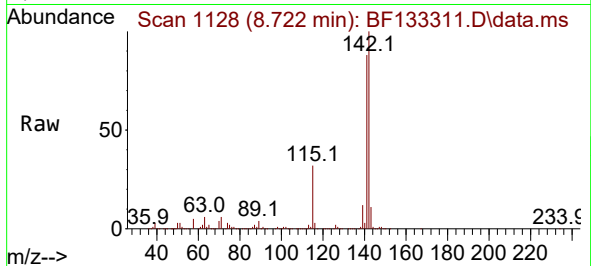
#37
2-Methylnaphthalene
Concen: 40.359 ng
RT: 8.722 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Instrument :
BNA_F
ClientSampleId :
PB152628BS

Tgt Ion:142 Resp: 1107920
Ion Ratio Lower Upper
142 100
141 87.7 69.4 104.0

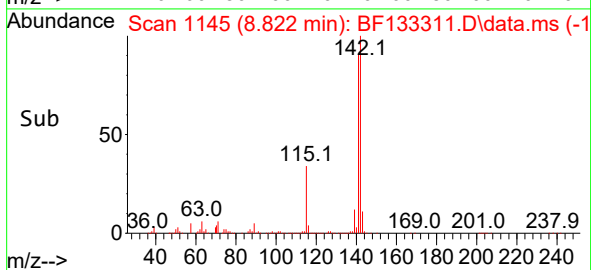
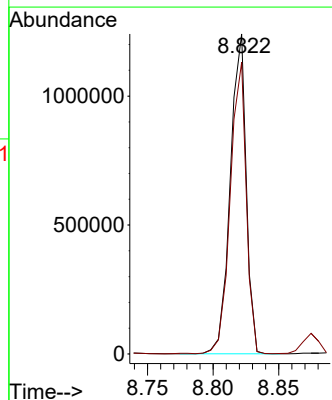
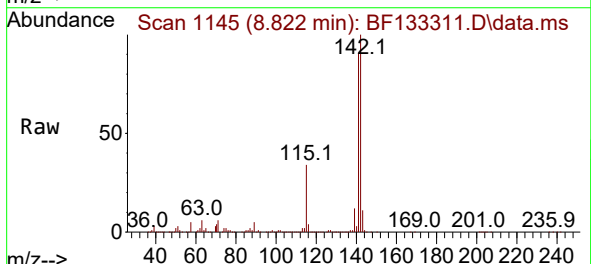
Manual Integrations
APPROVED

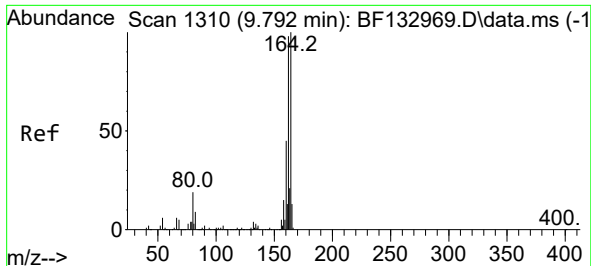
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#38
1-Methylnaphthalene
Concen: 40.719 ng
RT: 8.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Tgt Ion:142 Resp: 1045688
Ion Ratio Lower Upper
142 100
141 91.1 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: BF133311.D

Acq: 09 May 2023 11:50

Instrument :

BNA_F

ClientSampleId :

PB152628BS

Tgt Ion:164 Resp: 420488

Ion Ratio Lower Upper

164 100

162 99.3 78.7 118.1

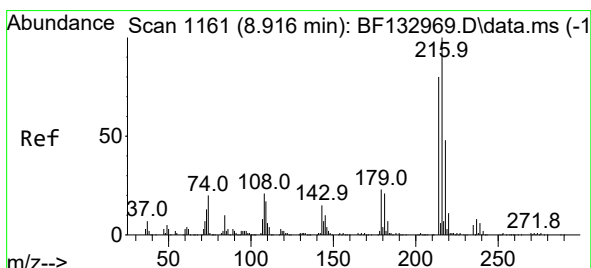
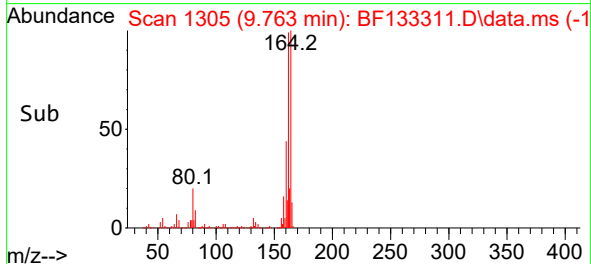
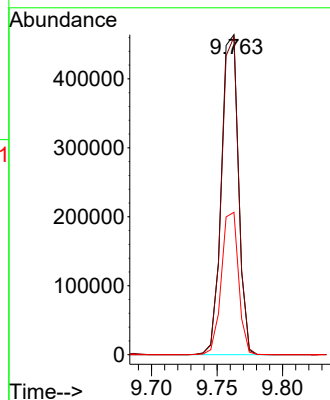
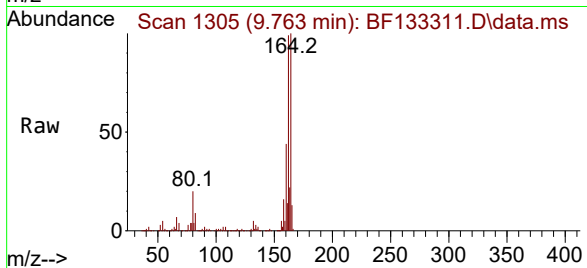
160 44.5 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/10/2023

Supervised By :Jagrut Upadhyay 05/10/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.893 ng

RT: 8.892 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

Tgt Ion:216 Resp: 462328

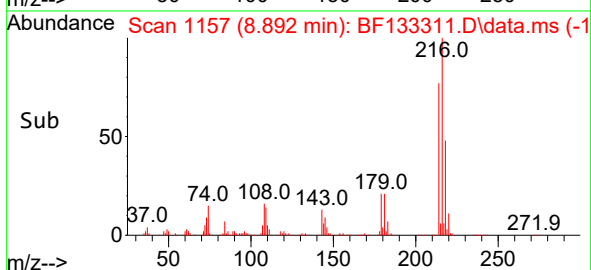
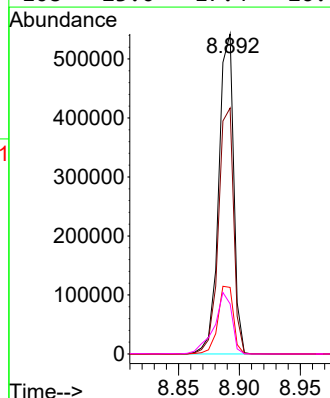
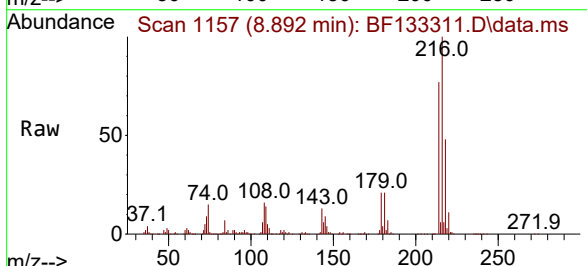
Ion Ratio Lower Upper

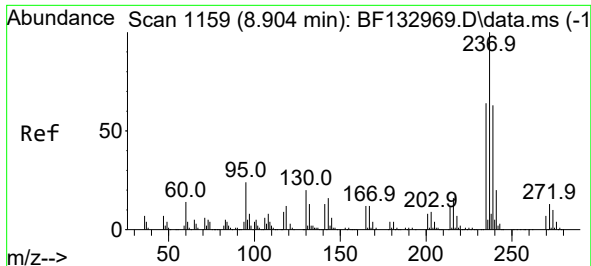
216 100

214 78.3 63.5 95.3

179 22.0 17.4 26.2

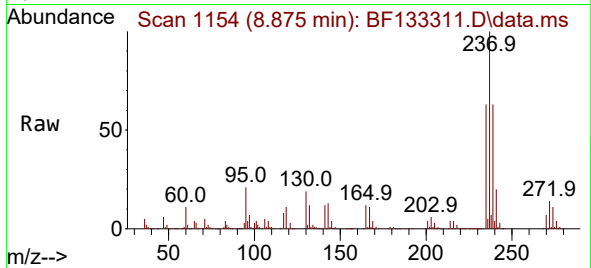
108 23.0 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 85.316 ng
RT: 8.875 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

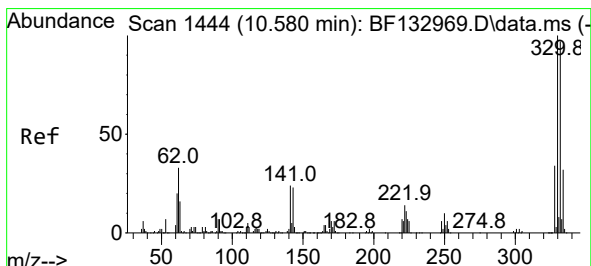
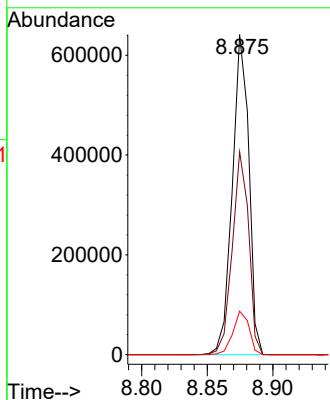
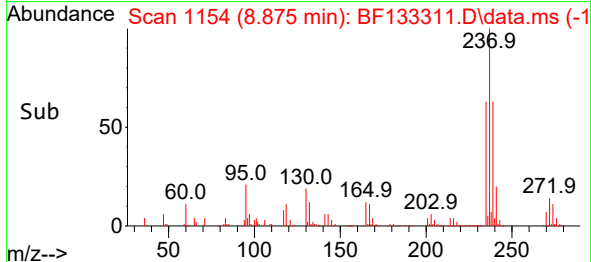
Instrument :
BNA_F
ClientSampleId :
PB152628BS



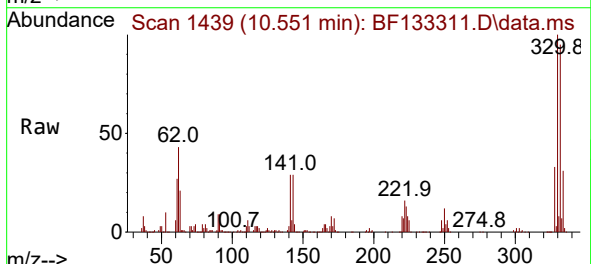
Tgt Ion: 237 Resp: 56253
Ion Ratio Lower Upper
237 100
235 63.4 43.5 83.5
272 13.6 0.0 32.7

Manual Integrations
APPROVED

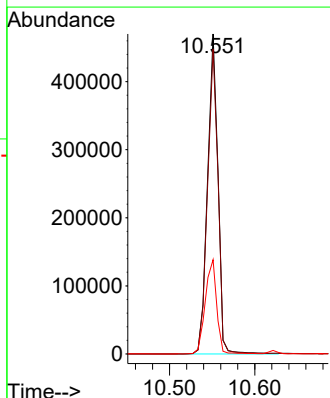
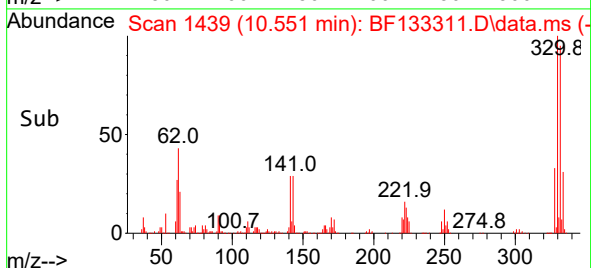
Reviewed By : Christian Giraldo 05/10/2023
Supervised By : Jagrut Upadhyay 05/10/2023

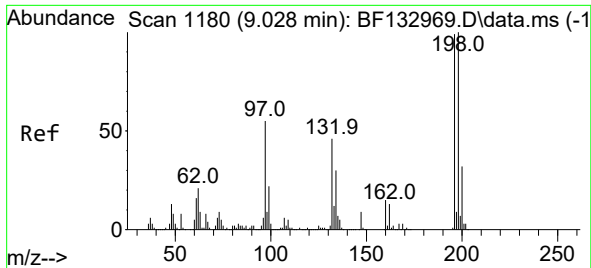


#42
2,4,6-Tribromophenol
Concen: 94.419 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50



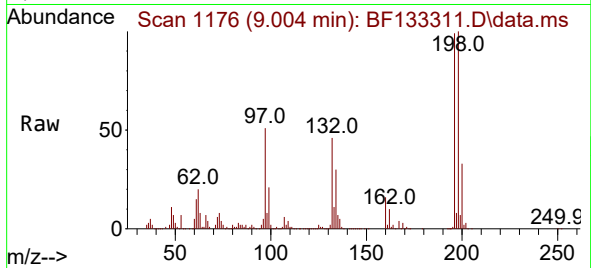
Tgt Ion: 330 Resp: 399281
Ion Ratio Lower Upper
330 100
332 95.9 77.1 115.7
141 32.3 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 41.119 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

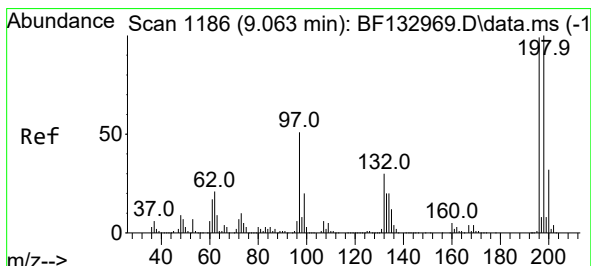
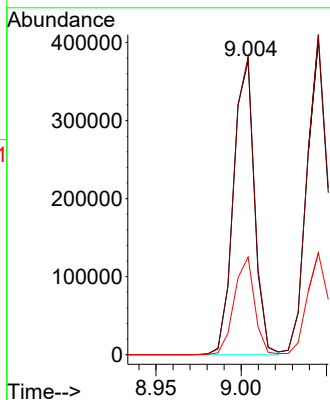
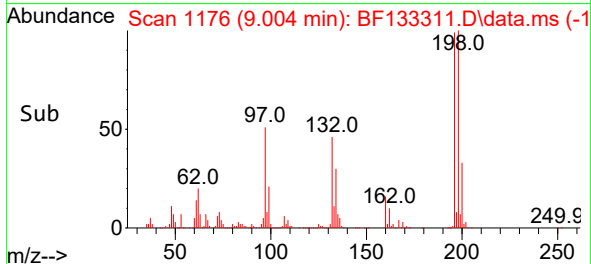
Instrument :
BNA_F
ClientSampleId :
PB152628BS



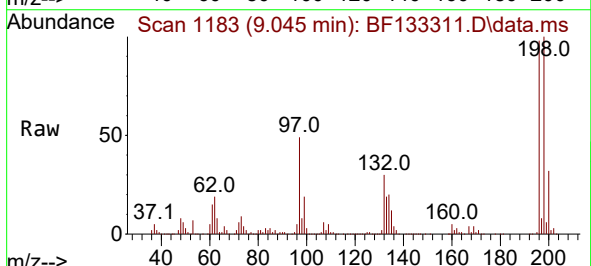
Tgt Ion:196 Resp: 321494
Ion Ratio Lower Upper
196 100
198 101.5 81.0 121.6
200 33.2 26.1 39.1

Manual Integrations
APPROVED

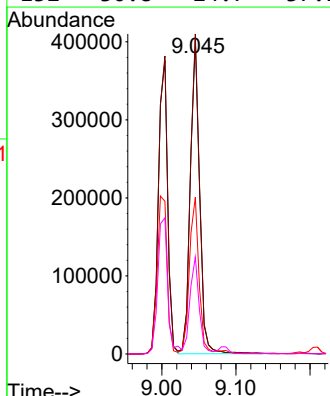
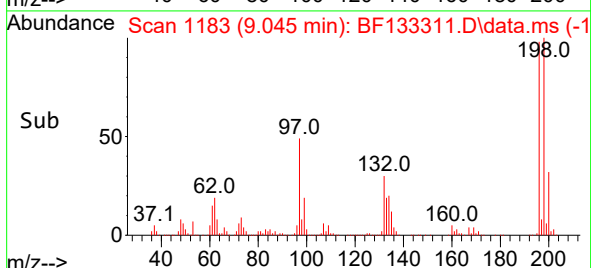
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023

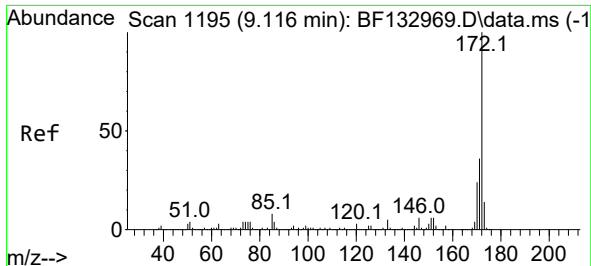


#44
2,4,5-Trichlorophenol
Concen: 39.020 ng
RT: 9.045 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50



Tgt Ion:196 Resp: 352841
Ion Ratio Lower Upper
196 100
198 101.7 80.9 121.3
97 49.8 41.3 61.9
132 30.8 24.7 37.1





#45
2-Fluorobiphenyl
Concen: 68.164 ng
RT: 9.086 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Instrument :

BNA_F

ClientSampleId :

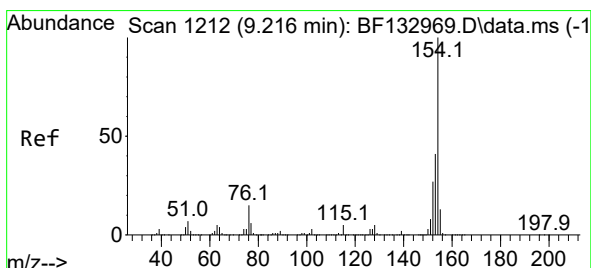
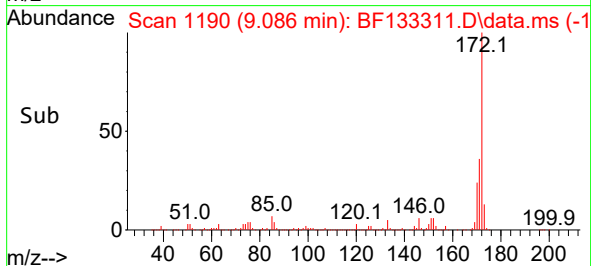
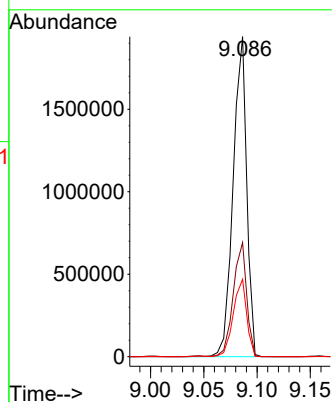
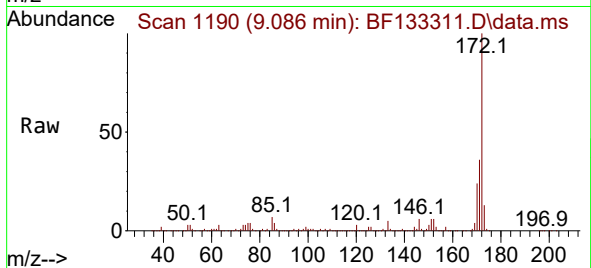
PB152628BS

Tgt Ion:172 Resp: 1713210
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 24.2 19.4 29.2

Manual Integrations

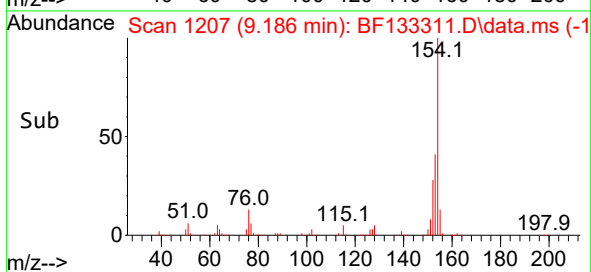
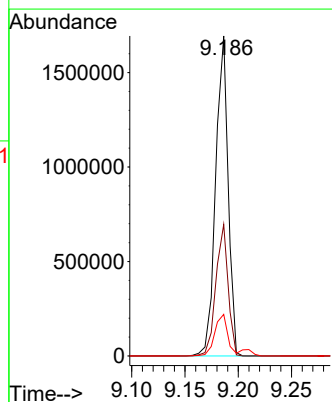
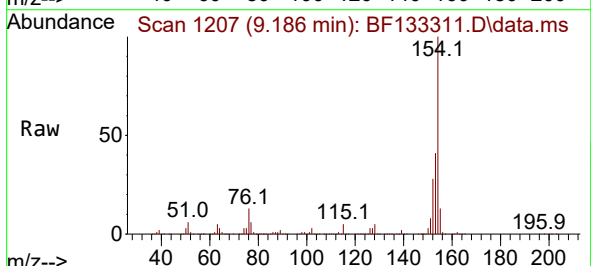
APPROVED

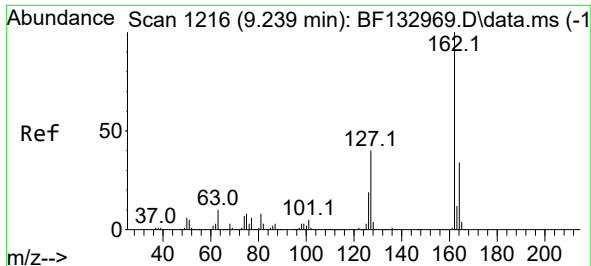
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#46
1,1'-Biphenyl
Concen: 41.215 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

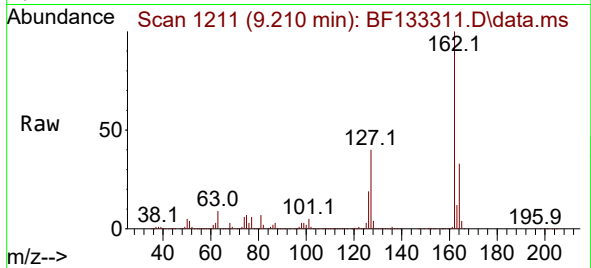
Tgt Ion:154 Resp: 1374226
Ion Ratio Lower Upper
154 100
153 41.1 21.0 61.0
76 13.0 0.0 34.5





#47
2-Chloronaphthalene
Concen: 42.514 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

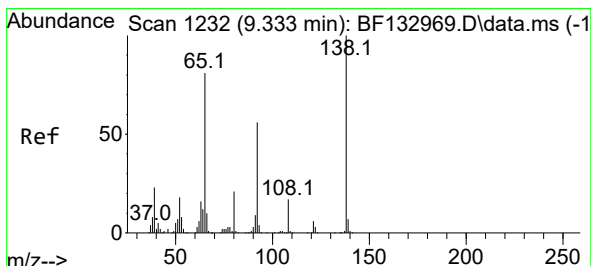
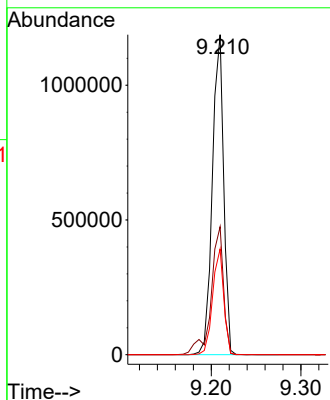
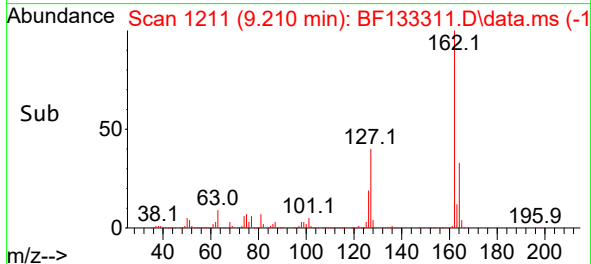
Instrument :
BNA_F
ClientSampleId :
PB152628BS



Tgt Ion:162 Resp: 103754
Ion Ratio Lower Upper
162 100
127 40.0 32.3 48.5
164 33.0 26.8 40.2

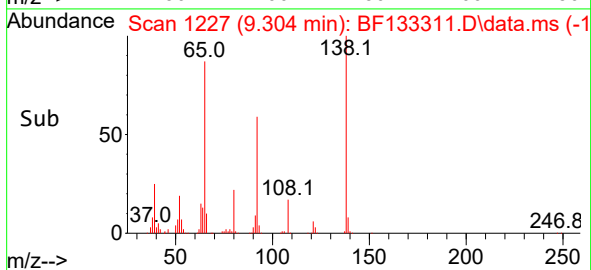
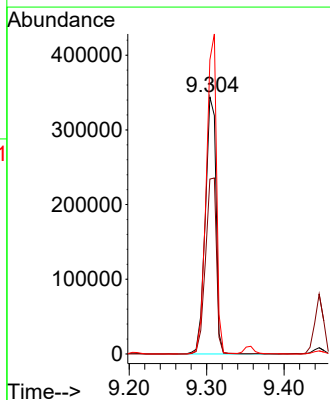
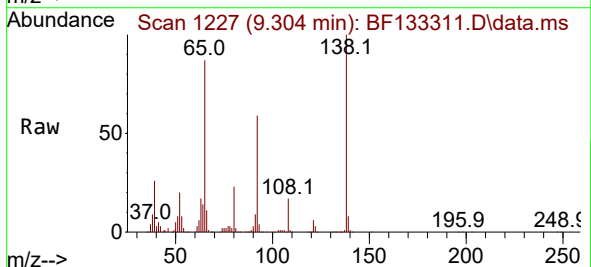
Manual Integrations
APPROVED

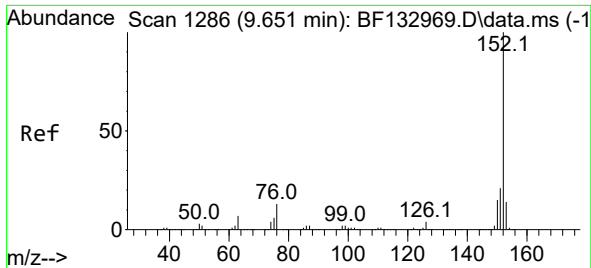
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#48
2-Nitroaniline
Concen: 41.065 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Tgt Ion: 65 Resp: 331214
Ion Ratio Lower Upper
65 100
92 68.0 55.4 83.0
138 114.4 98.2 147.2





#49

Acenaphthylene

Concen: 40.745 ng

RT: 9.622 min Scan# 1281

Delta R.T. 0.000 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

Instrument :

BNA_F

ClientSampleId :

PB152628BS

Tgt Ion:152 Resp: 158885

Ion Ratio Lower Upper

152 100

151 20.9 16.6 24.8

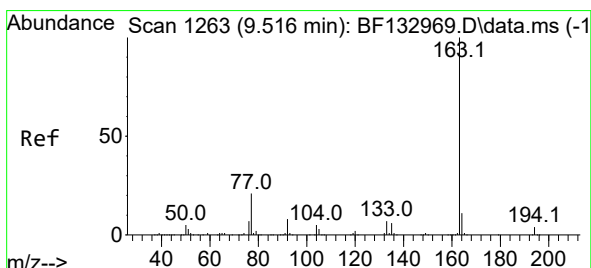
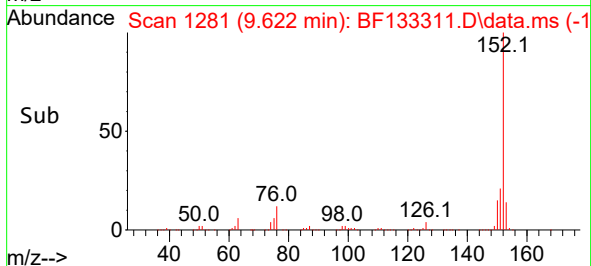
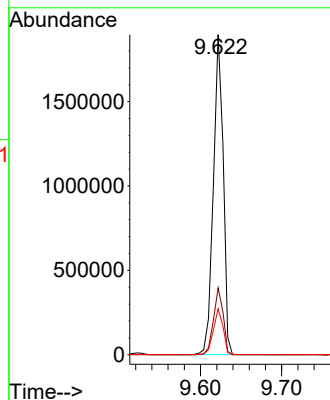
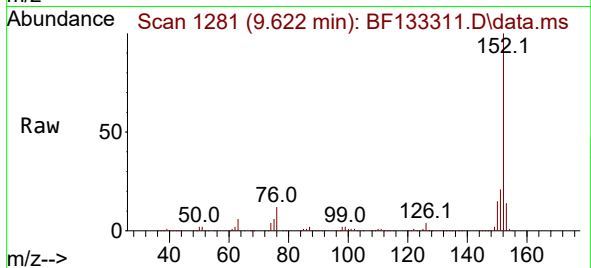
153 14.4 11.5 17.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/10/2023

Supervised By :Jagrut Upadhyay 05/10/2023



#50

Dimethylphthalate

Concen: 41.204 ng

RT: 9.492 min Scan# 1259

Delta R.T. 0.000 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

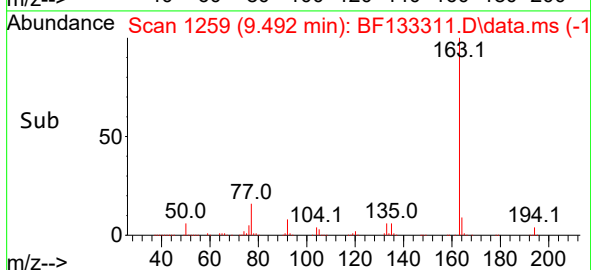
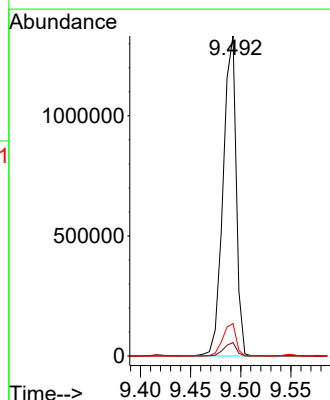
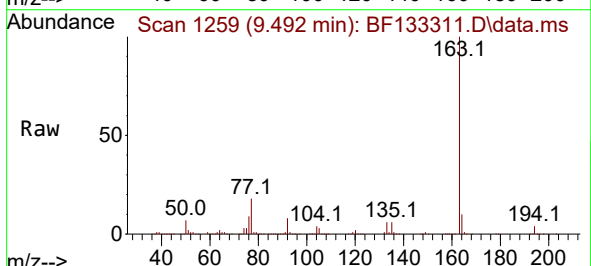
Tgt Ion:163 Resp: 1208091

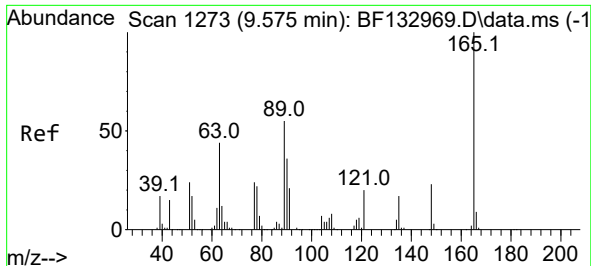
Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

164 10.2 8.5 12.7





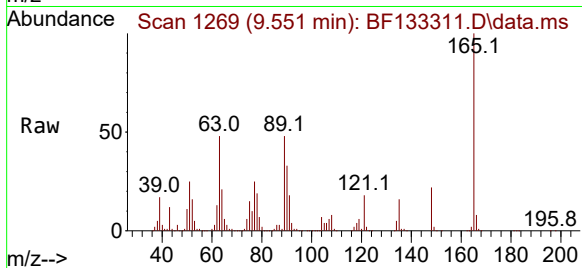
#51
2,6-Dinitrotoluene
Concen: 42.116 ng
RT: 9.551 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Instrument :

BNA_F

ClientSampleId :

PB152628BS

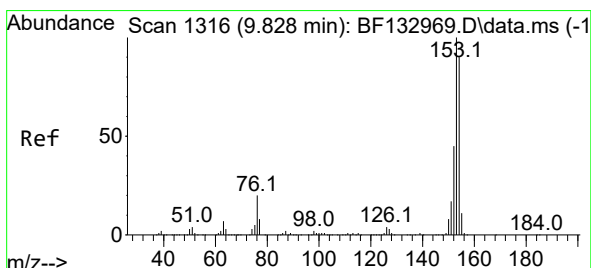
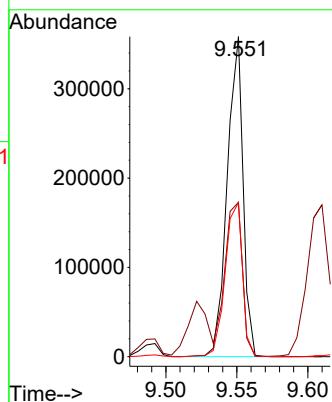
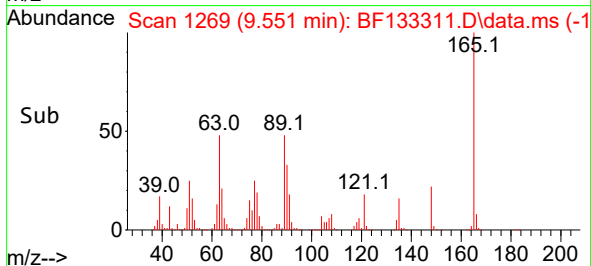


Tgt Ion:165 Resp: 277930
Ion Ratio Lower Upper
165 100
63 48.3 45.9 68.9
89 48.2 44.0 66.0

Manual Integrations

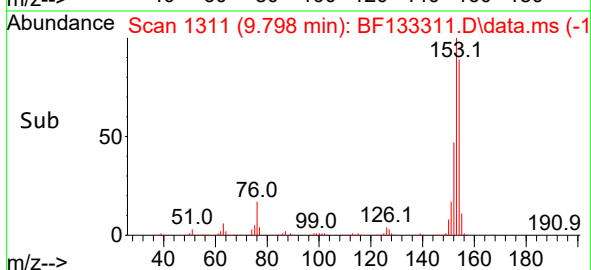
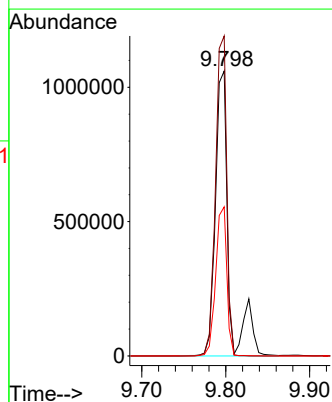
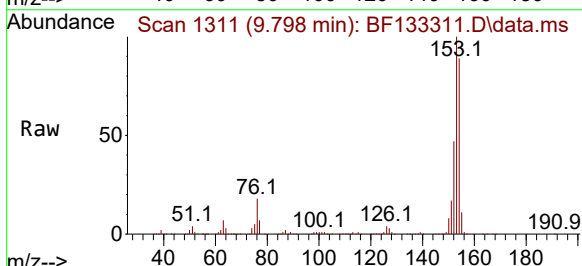
APPROVED

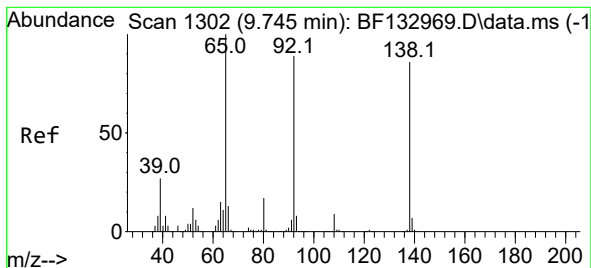
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#52
Acenaphthene
Concen: 44.511 ng m
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Tgt Ion:154 Resp: 1162491
Ion Ratio Lower Upper
154 100
153 112.3 89.0 133.6
152 52.3 40.4 60.6





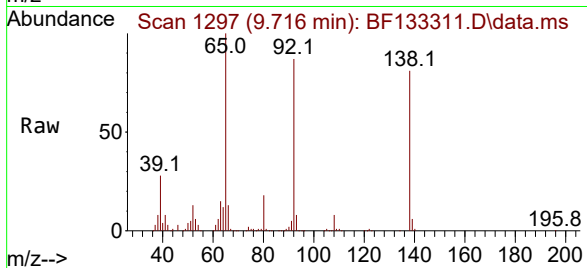
#53
3-Nitroaniline
Concen: 31.463 ng
RT: 9.716 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Instrument :

BNA_F

ClientSampleId :

PB152628BS

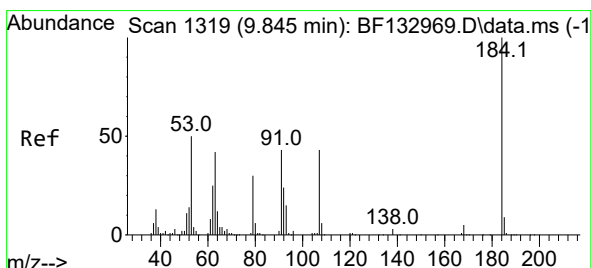
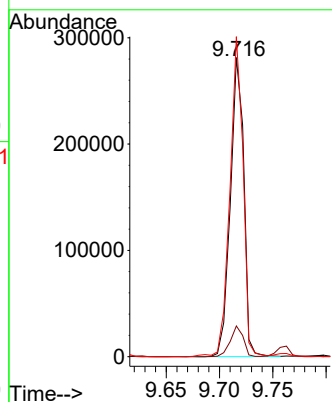
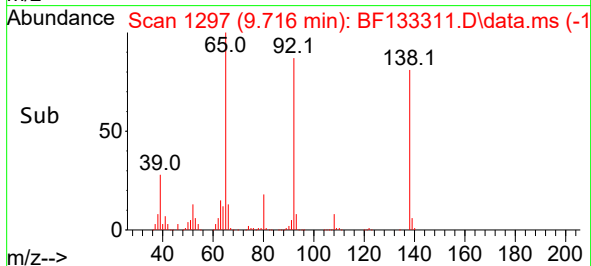


Tgt Ion:138 Resp: 246870
Ion Ratio Lower Upper
138 100
108 10.3 8.0 12.0
92 107.0 83.6 125.4

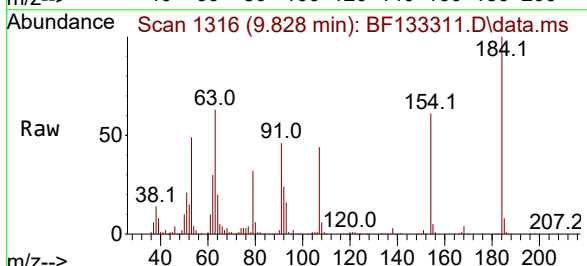
Manual Integrations

APPROVED

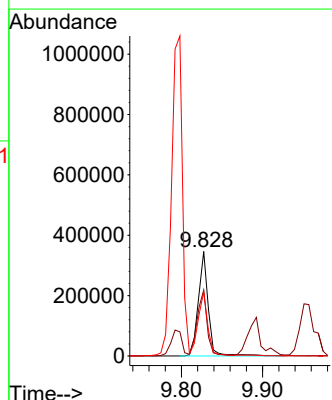
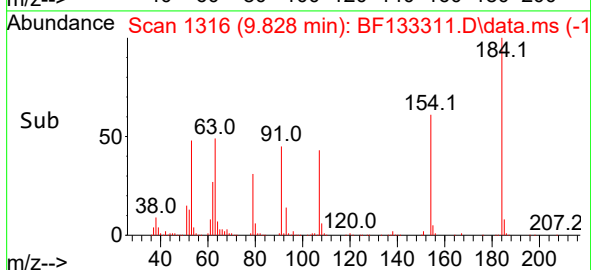
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023

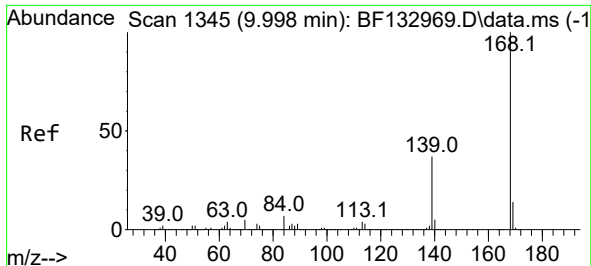


#54
2,4-Dinitrophenol
Concen: 89.133 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50



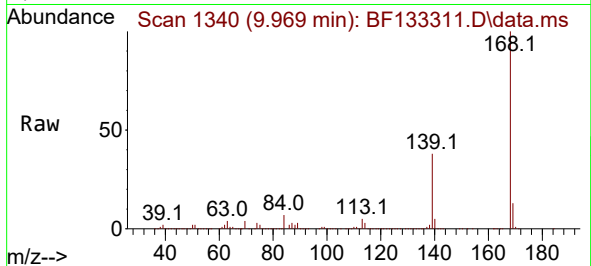
Tgt Ion:184 Resp: 295659
Ion Ratio Lower Upper
184 100
63 63.1 49.8 74.8
154 61.4 49.5 74.3





#55
Dibenzenofuran
Concen: 40.004 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

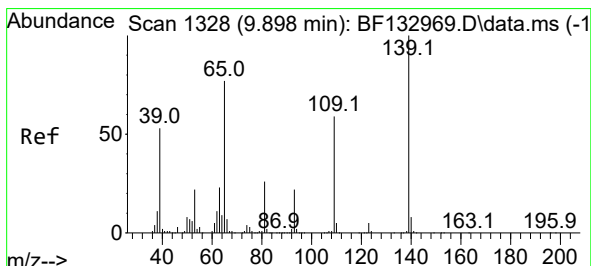
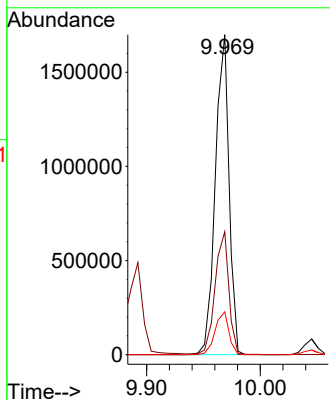
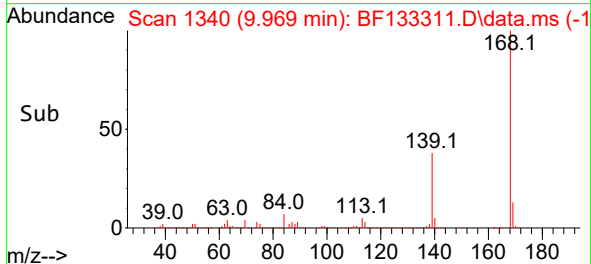
Instrument :
BNA_F
ClientSampleId :
PB152628BS



Tgt Ion:168 Resp: 1425184
Ion Ratio Lower Upper
168 100
139 38.4 29.8 44.8
169 13.4 10.8 16.2

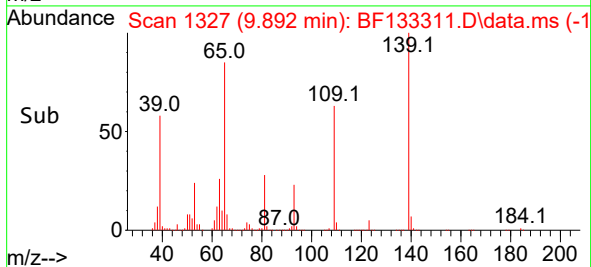
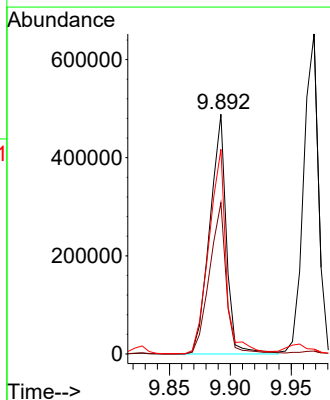
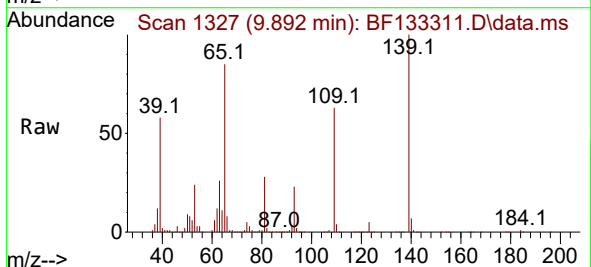
Manual Integrations
APPROVED

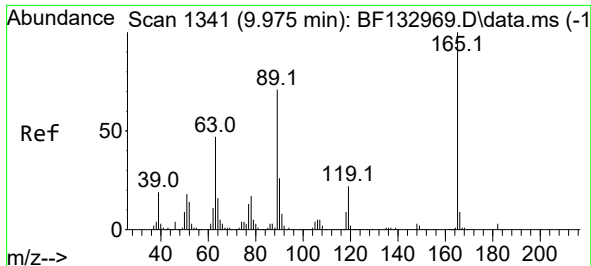
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#56
4-Nitrophenol
Concen: 76.352 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Tgt Ion:139 Resp: 464010
Ion Ratio Lower Upper
139 100
109 63.2 39.4 79.4
65 85.4 57.5 97.5





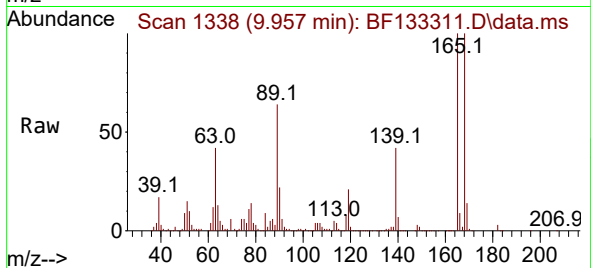
#57
2,4-Dinitrotoluene
Concen: 42.949 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Instrument :

BNA_F

ClientSampleId :

PB152628BS

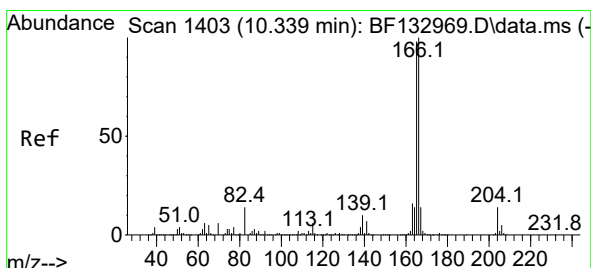
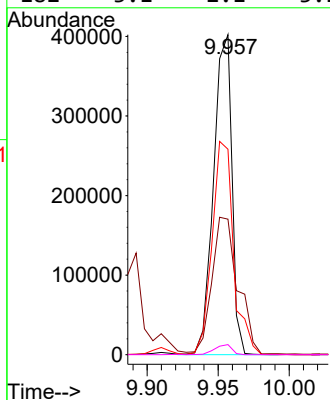
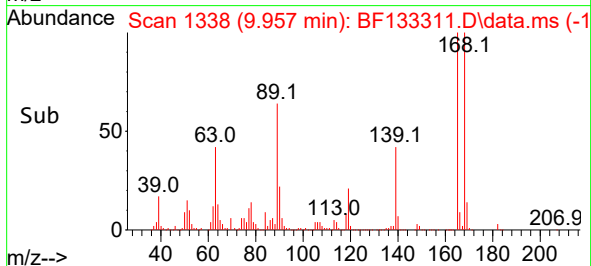


Tgt Ion:165 Resp: 361448
Ion Ratio Lower Upper
165 100
63 42.4 37.7 56.5
89 64.2 57.0 85.4
182 3.1 2.1 3.1#

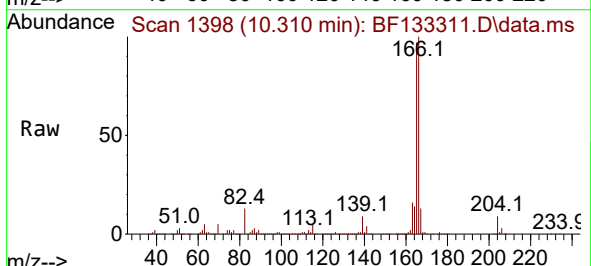
Manual Integrations

APPROVED

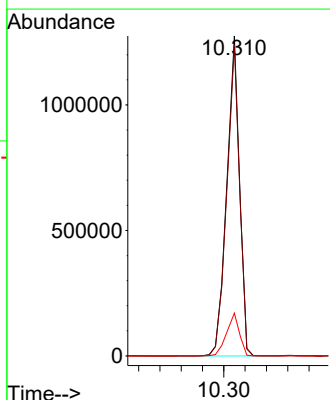
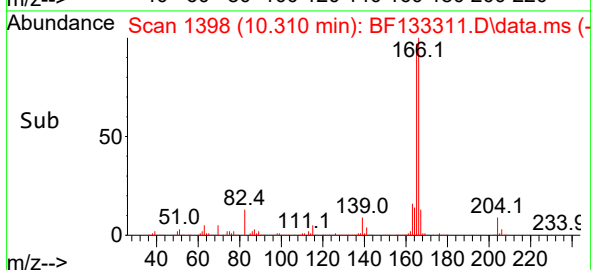
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023

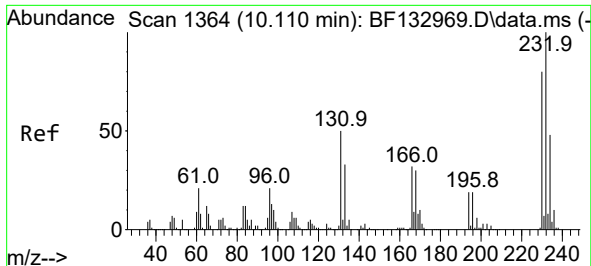


#58
Fluorene
Concen: 40.442 ng
RT: 10.310 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50



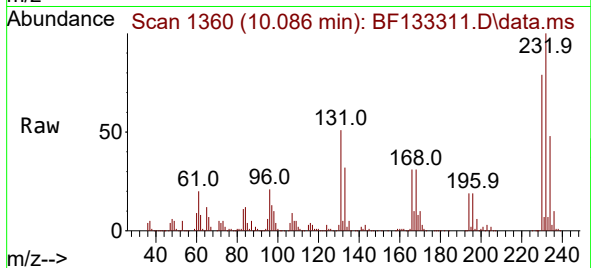
Tgt Ion:166 Resp: 1055587
Ion Ratio Lower Upper
166 100
165 97.1 78.6 117.8
167 13.4 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.167 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

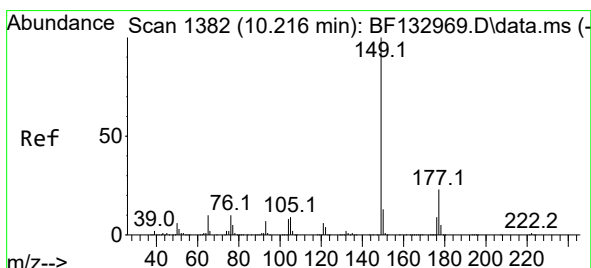
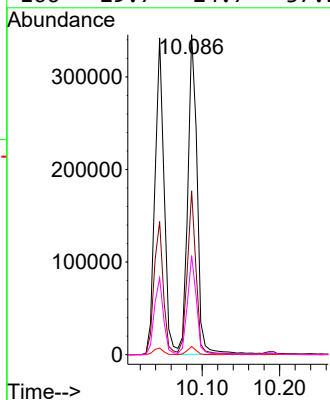
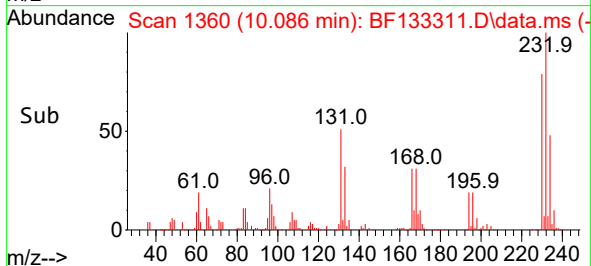
Instrument :
BNA_F
ClientSampleId :
PB152628BS



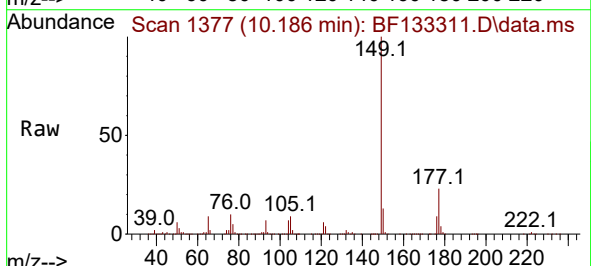
Tgt Ion:232 Resp: 288590
Ion Ratio Lower Upper
232 100
131 47.6 38.0 57.0
130 2.5 1.8 2.8
166 29.7 24.7 37.1

Manual Integrations
APPROVED

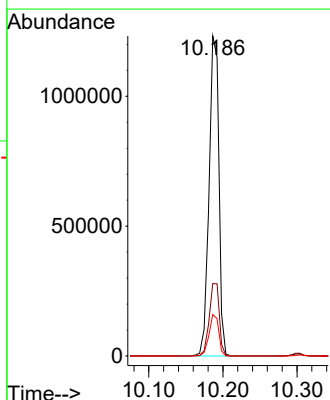
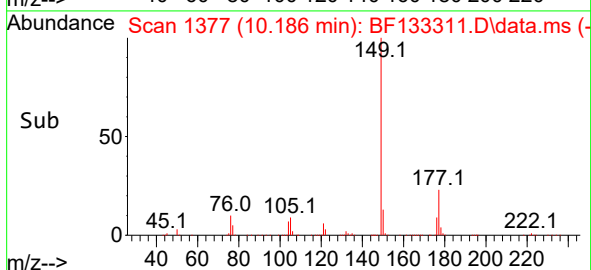
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023

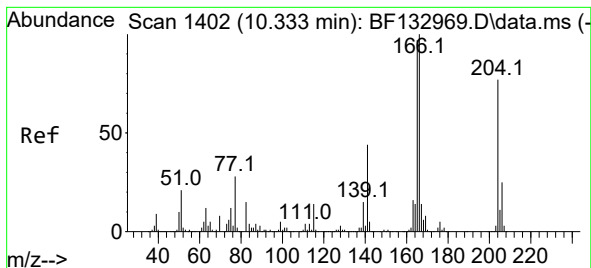


#60
Diethylphthalate
Concen: 41.055 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50



Tgt Ion:149 Resp: 1136985
Ion Ratio Lower Upper
149 100
177 22.6 18.2 27.4
150 13.0 10.2 15.4





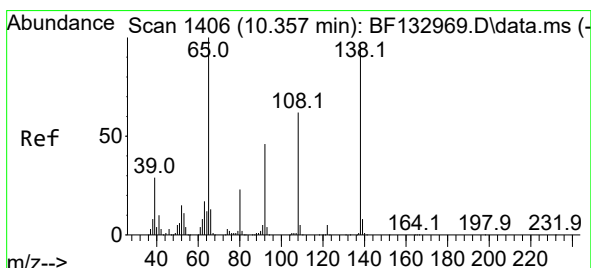
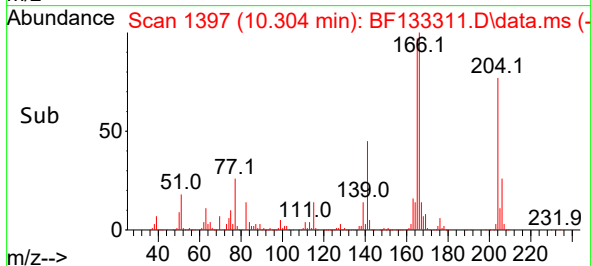
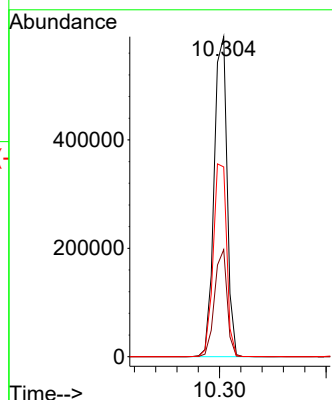
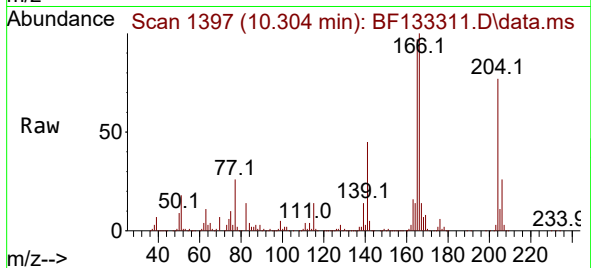
#61
4-Chlorophenyl-phenylether
Concen: 39.406 ng
RT: 10.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Instrument :
BNA_F
ClientSampleId :
PB152628BS

Tgt Ion:204 Resp: 501224
Ion Ratio Lower Upper
204 100
206 33.5 26.1 39.1
141 59.3 46.1 69.1

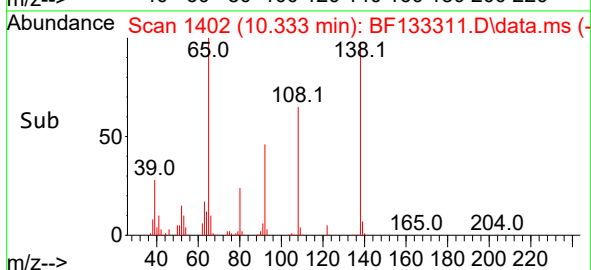
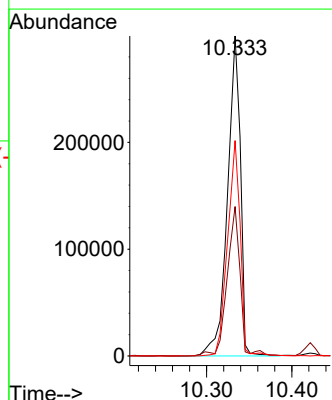
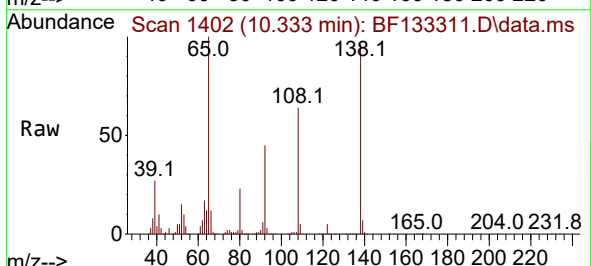
Manual Integrations
APPROVED

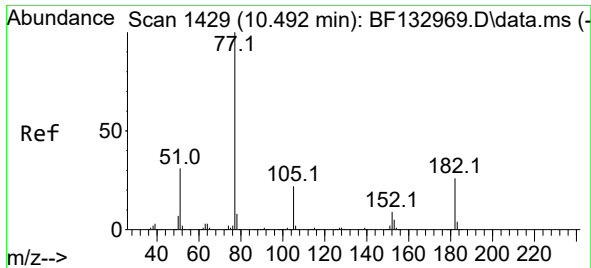
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#62
4-Nitroaniline
Concen: 43.895 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

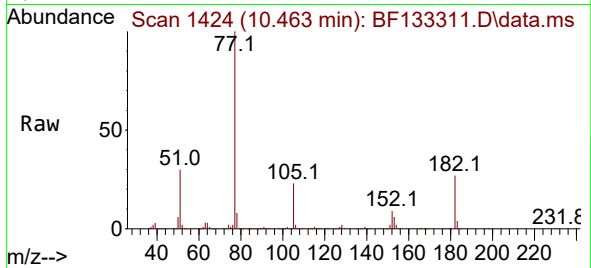
Tgt Ion:138 Resp: 316556
Ion Ratio Lower Upper
138 100
92 46.7 27.7 67.7
108 67.3 45.2 85.2





#63
Azobenzene
Concen: 39.088 ng
RT: 10.463 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

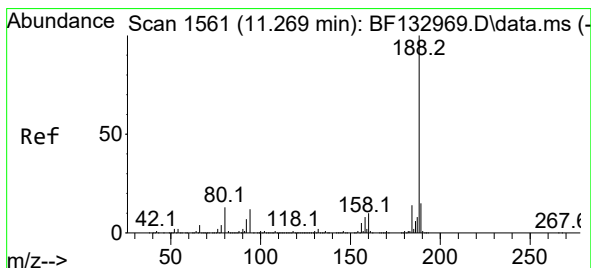
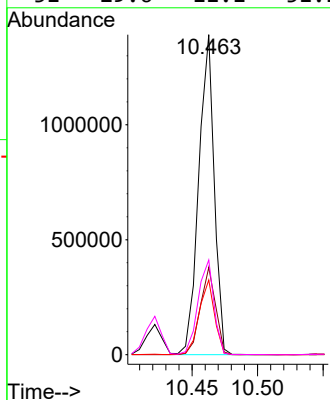
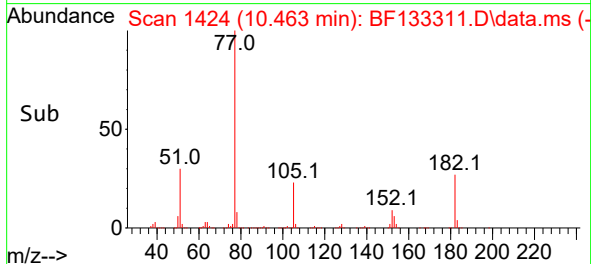
Instrument :
BNA_F
ClientSampleId :
PB152628BS



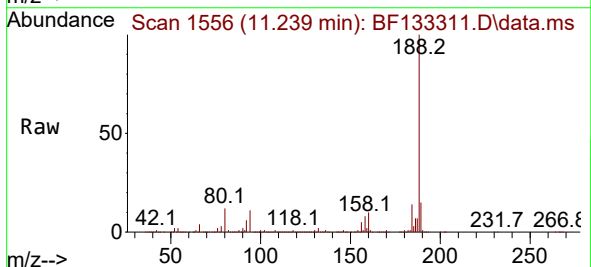
Tgt Ion: 77 Resp: 1146760
Ion Ratio Lower Upper
77 100
182 27.3 5.9 45.9
105 23.3 2.3 42.3
51 29.6 11.1 51.1

Manual Integrations
APPROVED

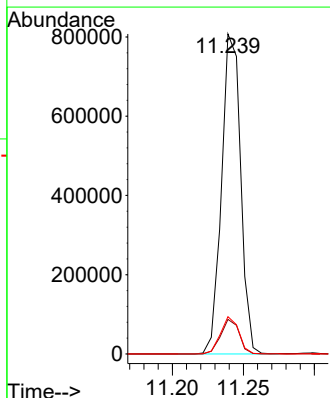
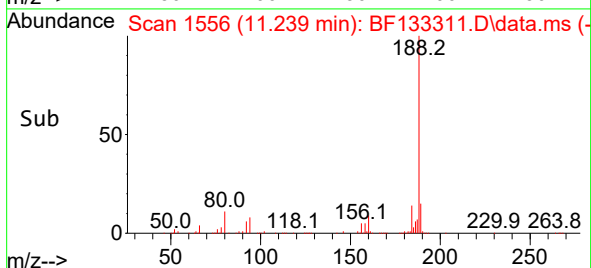
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023

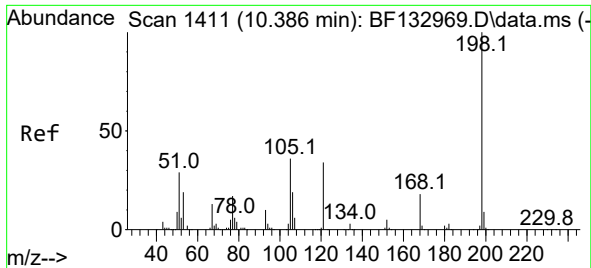


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50



Tgt Ion:188 Resp: 752646
Ion Ratio Lower Upper
188 100
94 10.8 9.7 14.5
80 11.7 10.4 15.6





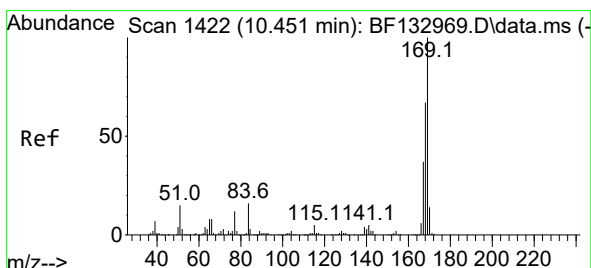
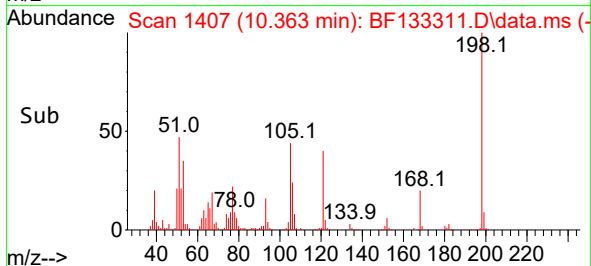
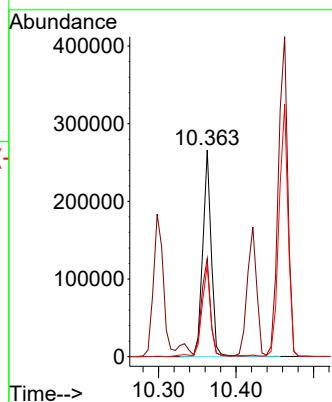
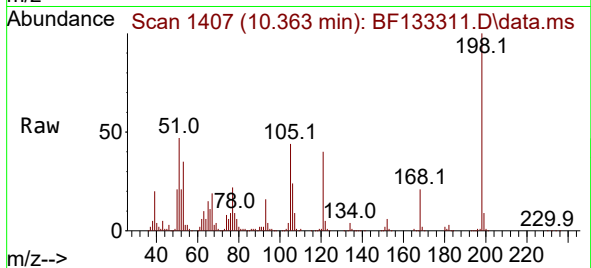
#65
4,6-Dinitro-2-methylphenol
Concen: 44.615 ng
RT: 10.363 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Instrument :
BNA_F
ClientSampleId :
PB152628BS

Tgt Ion:198 Resp: 20353
Ion Ratio Lower Upper
198 100
51 47.4 15.5 55.5
105 44.1 16.7 56.7

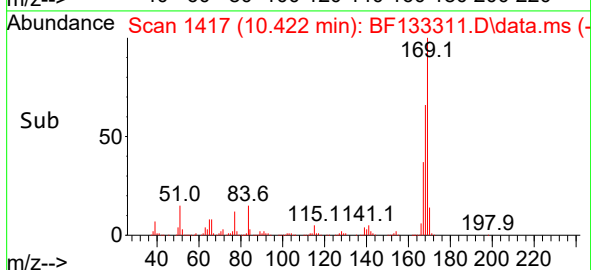
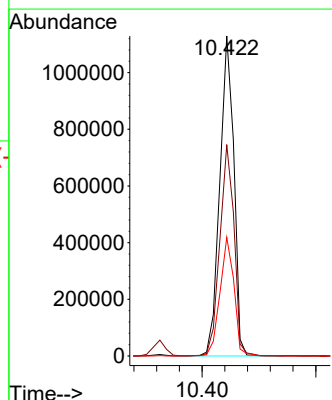
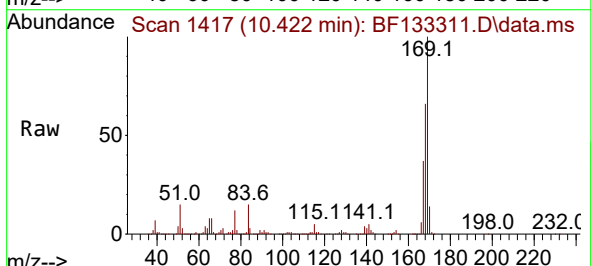
Manual Integrations
APPROVED

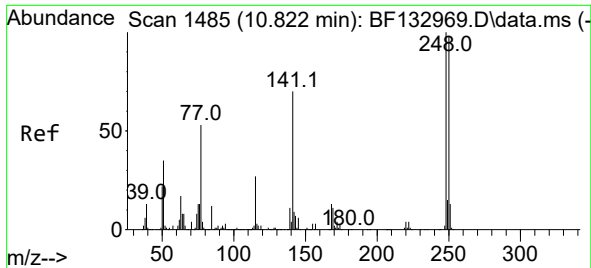
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#66
n-Nitrosodiphenylamine
Concen: 39.781 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

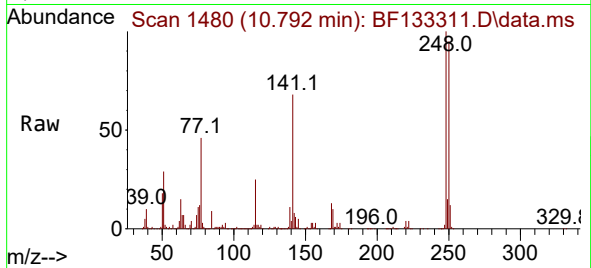
Tgt Ion:169 Resp: 971204
Ion Ratio Lower Upper
169 100
168 66.1 53.8 80.8
167 37.0 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 39.692 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

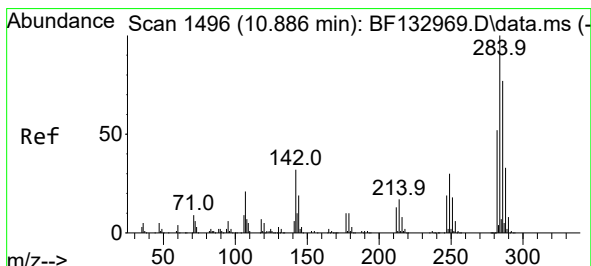
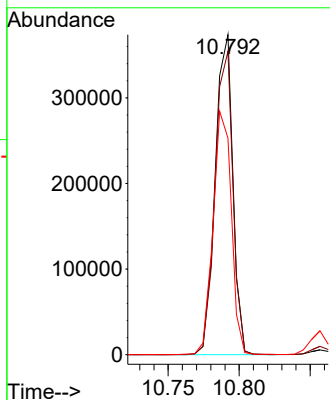
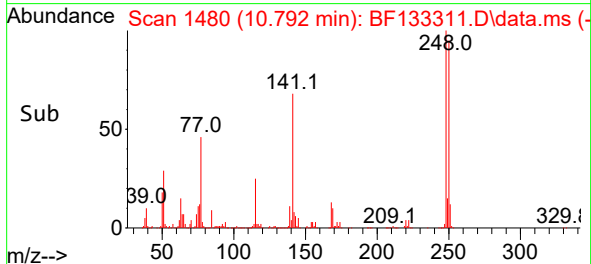
Instrument :
BNA_F
ClientSampleId :
PB152628BS



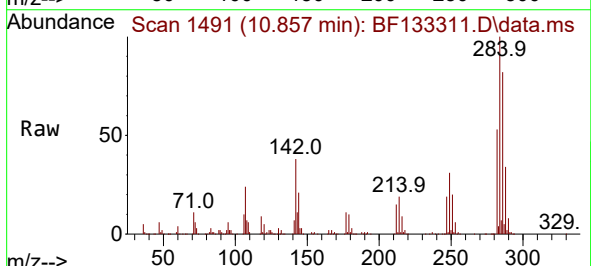
Tgt Ion:248 Resp: 324004
Ion Ratio Lower Upper
248 100
250 94.8 78.7 118.1
141 67.6 56.3 84.5

Manual Integrations
APPROVED

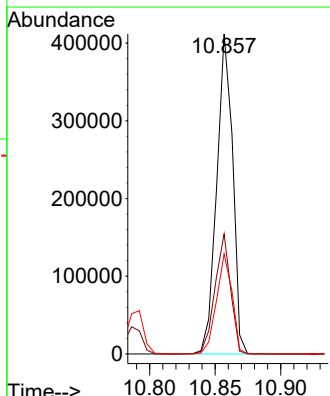
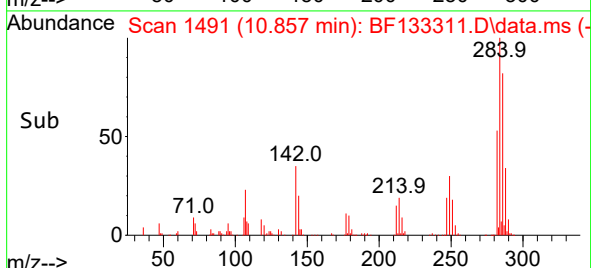
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023

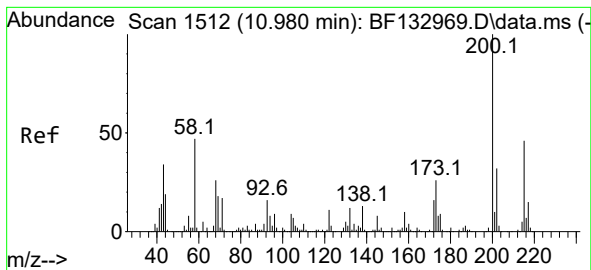


#68
Hexachlorobenzene
Concen: 41.381 ng
RT: 10.857 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50



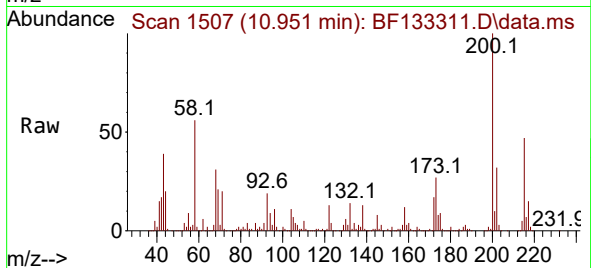
Tgt Ion:284 Resp: 346129
Ion Ratio Lower Upper
284 100
142 37.5 26.0 39.0
249 31.3 23.7 35.5





#69
 Atrazine
 Concen: 47.952 ng
 RT: 10.951 min Scan# 1507
 Delta R.T. 0.000 min
 Lab File: BF133311.D
 Acq: 09 May 2023 11:50

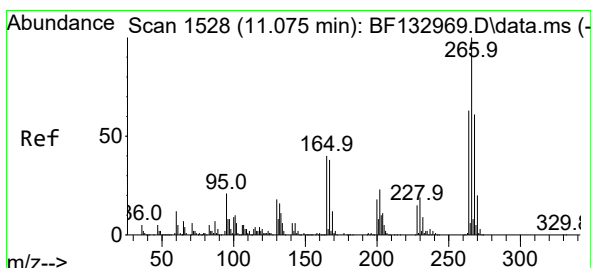
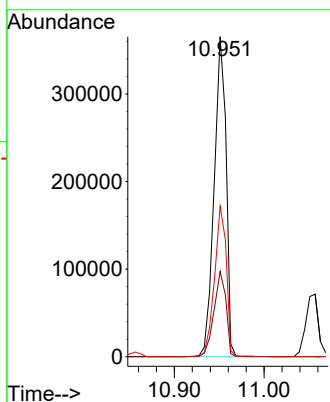
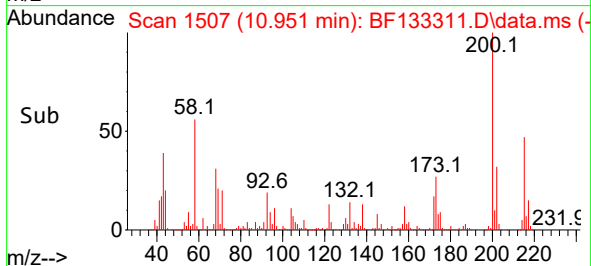
Instrument :
 BNA_F
 ClientSampleId :
 PB152628BS



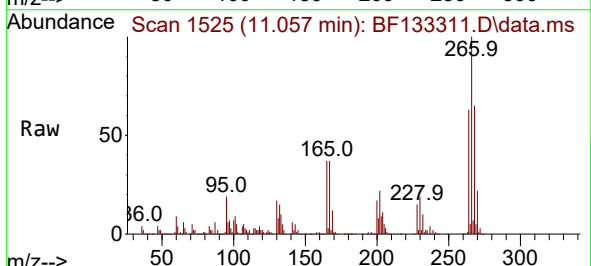
Tgt Ion:200 Resp: 337330
 Ion Ratio Lower Upper
 200 100
 173 26.6 6.2 46.2
 215 47.0 26.3 66.3

Manual Integrations
 APPROVED

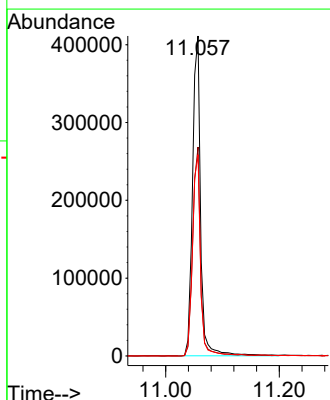
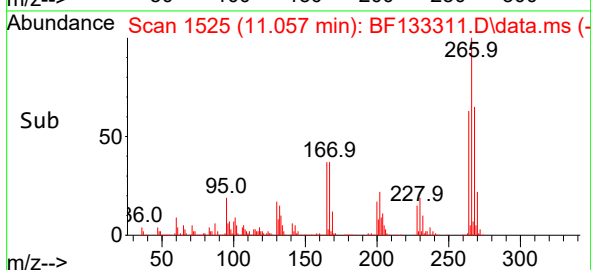
Reviewed By :Christian Giraldo 05/10/2023
 Supervised By :Jagrut Upadhyay 05/10/2023

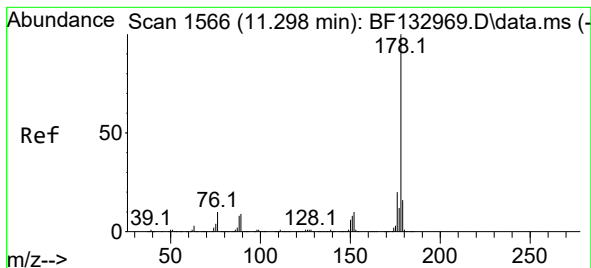


#70
 Pentachlorophenol
 Concen: 68.436 ng
 RT: 11.057 min Scan# 1525
 Delta R.T. 0.006 min
 Lab File: BF133311.D
 Acq: 09 May 2023 11:50



Tgt Ion:266 Resp: 407677
 Ion Ratio Lower Upper
 266 100
 268 65.3 48.8 73.2
 264 62.9 50.6 76.0





#71

Phenanthrene

Concen: 39.857 ng

RT: 11.269 min Scan# 1561

Delta R.T. 0.000 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

Instrument :

BNA_F

ClientSampleId :

PB152628BS

Tgt Ion:178 Resp: 1612315

Ion Ratio Lower Upper

178 100

176 20.4 15.9 23.9

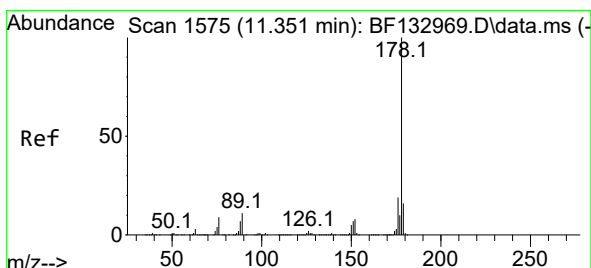
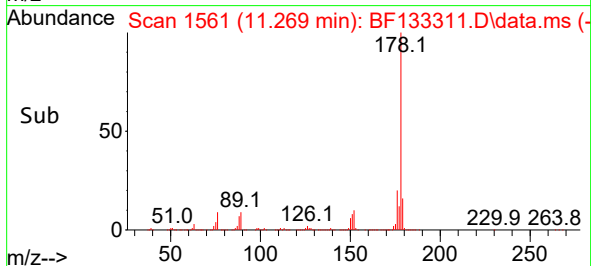
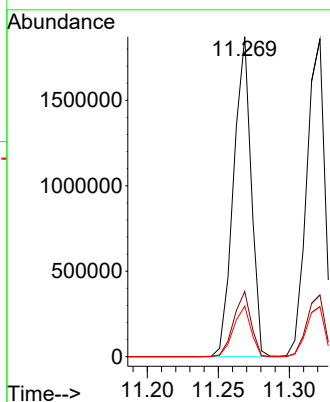
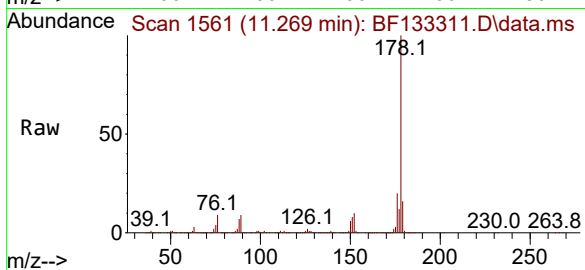
179 15.8 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/10/2023

Supervised By :Jagrut Upadhyay 05/10/2023



#72

Anthracene

Concen: 39.938 ng

RT: 11.322 min Scan# 1570

Delta R.T. 0.000 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

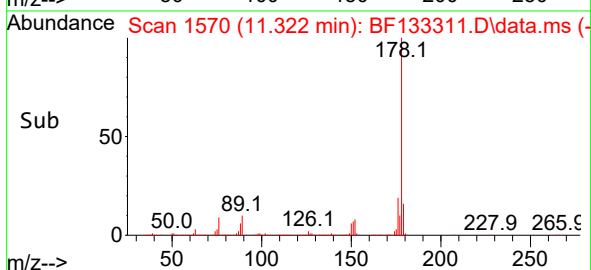
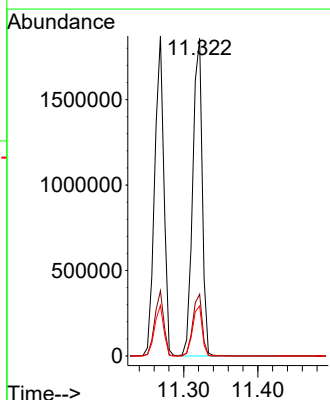
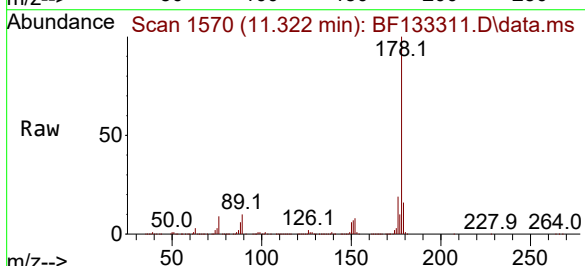
Tgt Ion:178 Resp: 1653385

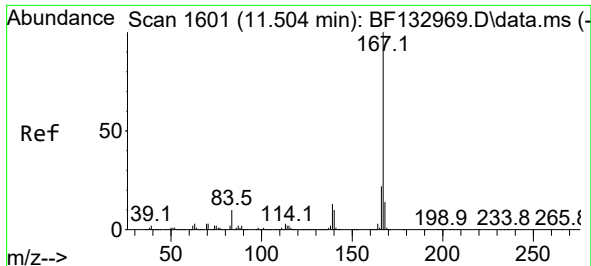
Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

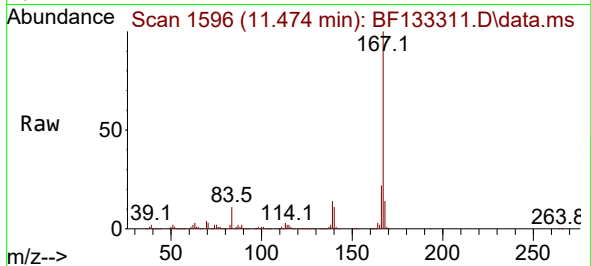
179 15.8 12.4 18.6





#73
 Carbazole
 Concen: 40.729 ng
 RT: 11.474 min Scan# 1596
 Delta R.T. 0.000 min
 Lab File: BF133311.D
 Acq: 09 May 2023 11:50

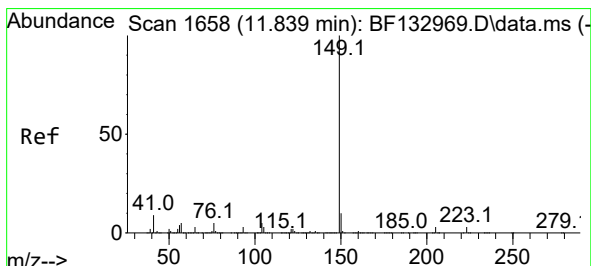
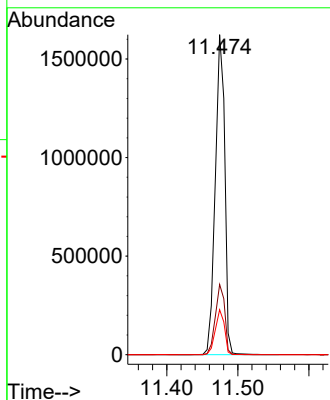
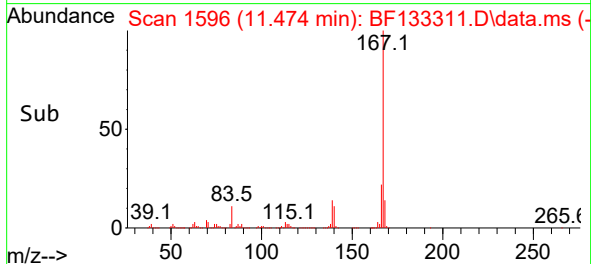
Instrument :
 BNA_F
 ClientSampleId :
 PB152628BS



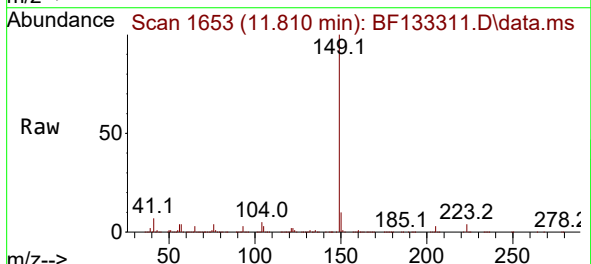
Tgt Ion:167 Resp: 1501368
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 14.0 10.6 16.0

Manual Integrations
 APPROVED

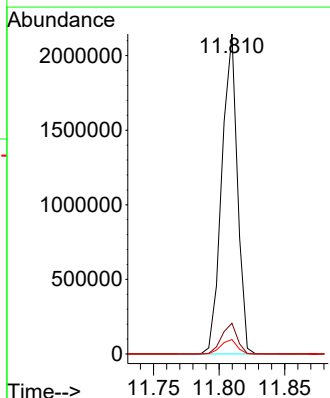
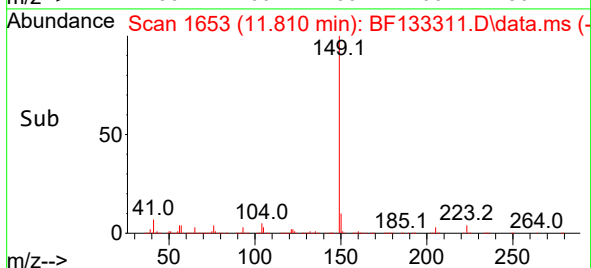
Reviewed By :Christian Giraldo 05/10/2023
 Supervised By :Jagrut Upadhyay 05/10/2023

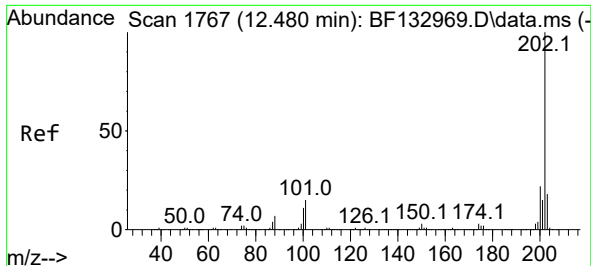


#74
 Di-n-butylphthalate
 Concen: 42.500 ng
 RT: 11.810 min Scan# 1653
 Delta R.T. 0.000 min
 Lab File: BF133311.D
 Acq: 09 May 2023 11:50



Tgt Ion:149 Resp: 1772907
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.6 11.4
 104 4.5 4.0 6.0





#75
Fluoranthene
Concen: 39.132 ng
RT: 12.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Instrument :

BNA_F

ClientSampleId :

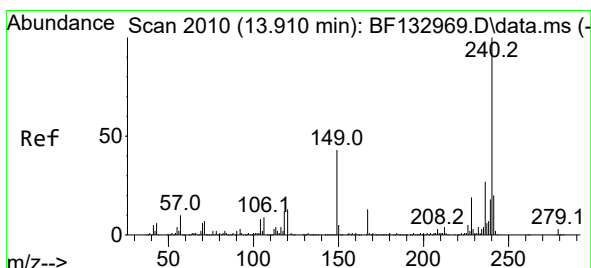
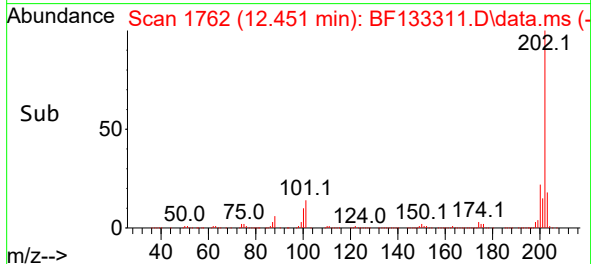
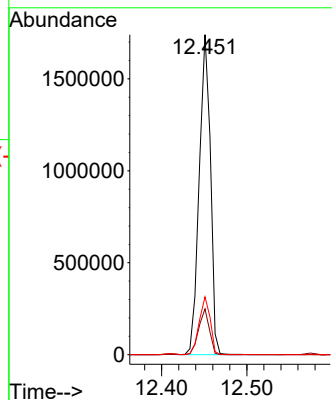
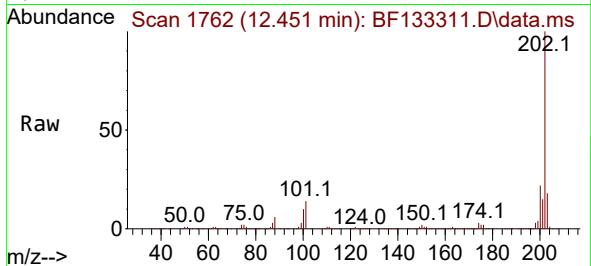
PB152628BS

Tgt Ion:202 Resp: 158871
Ion Ratio Lower Upper
202 100
101 14.3 0.0 35.3
203 18.0 0.0 38.1

Manual Integrations

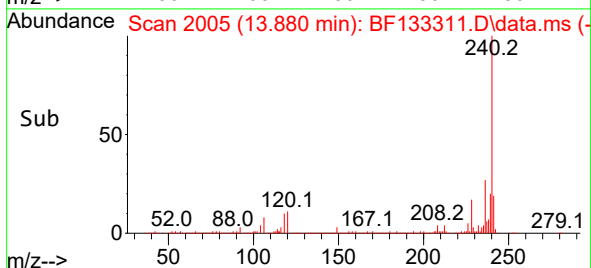
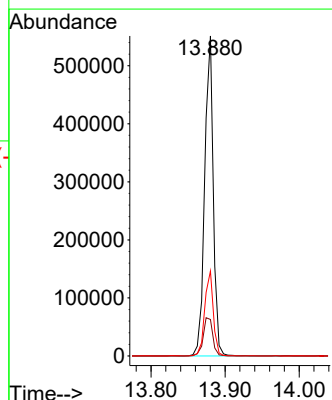
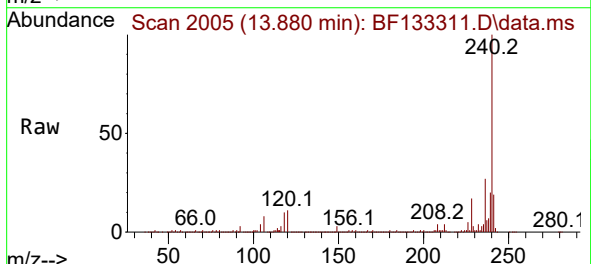
APPROVED

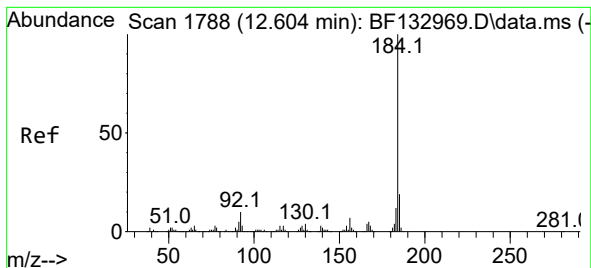
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Tgt Ion:240 Resp: 443796
Ion Ratio Lower Upper
240 100
120 11.4 10.5 15.7
236 26.6 21.5 32.3





#77

Benzidine

Concen: 134.010 ng

RT: 12.574 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

Instrument :

BNA_F

ClientSampleId :

PB152628BS

Tgt Ion:184 Resp: 1005718

Ion Ratio Lower Upper

184 100

185 15.0 15.4 23.2

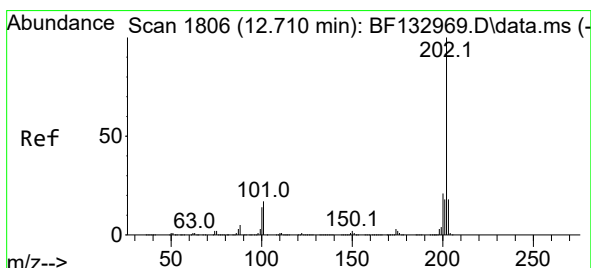
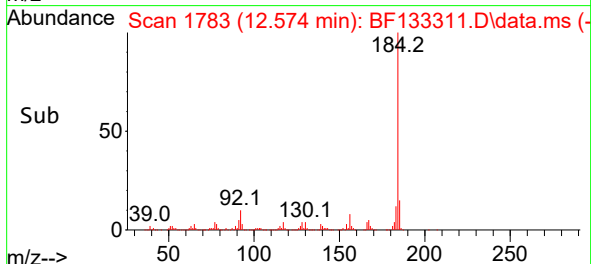
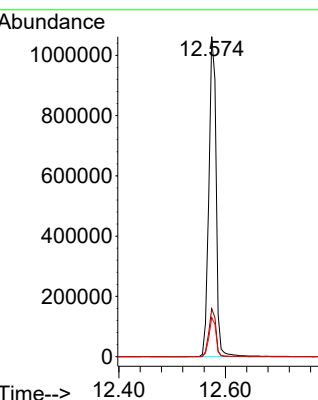
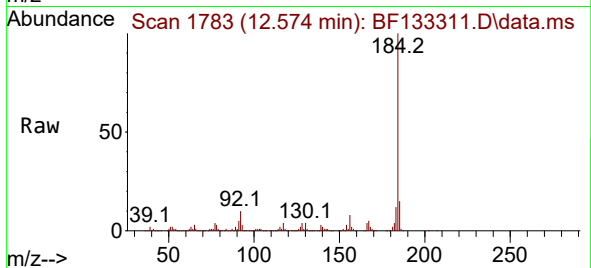
183 12.2 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/10/2023

Supervised By :Jagrut Upadhyay 05/10/2023



#78

Pyrene

Concen: 43.069 ng

RT: 12.680 min Scan# 1801

Delta R.T. 0.000 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

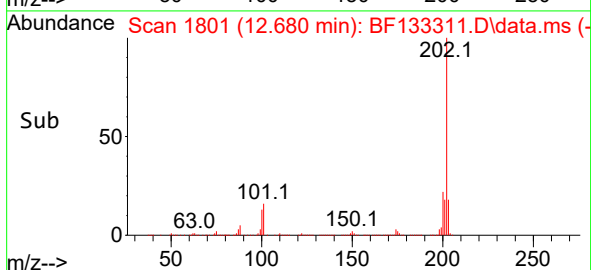
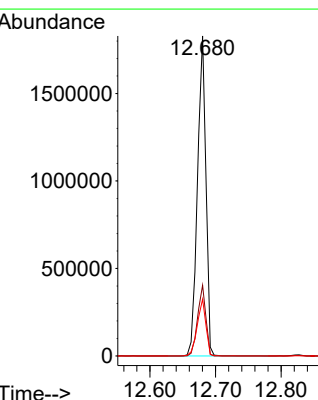
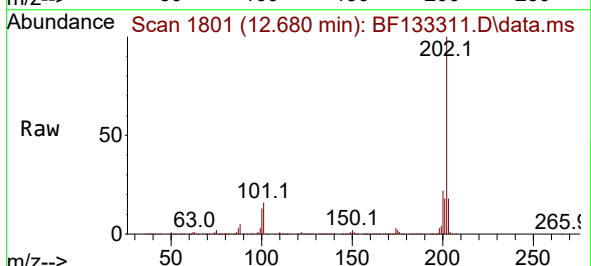
Tgt Ion:202 Resp: 1638510

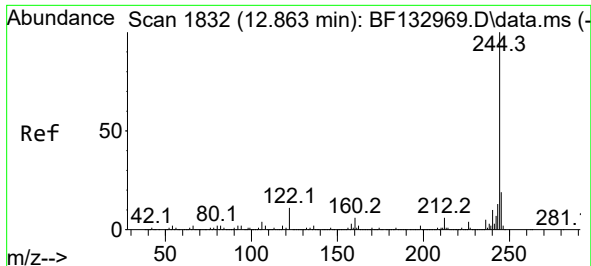
Ion Ratio Lower Upper

202 100

200 22.1 17.1 25.7

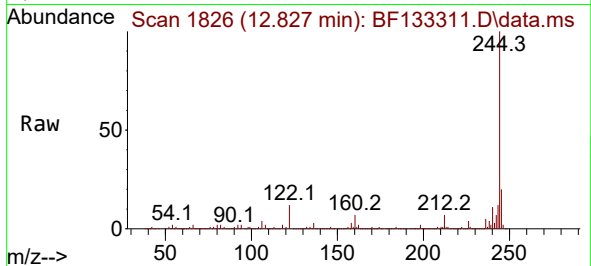
203 17.7 14.1 21.1





#79
 Terphenyl-d14
 Concen: 69.173 ng
 RT: 12.827 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133311.D
 Acq: 09 May 2023 11:50

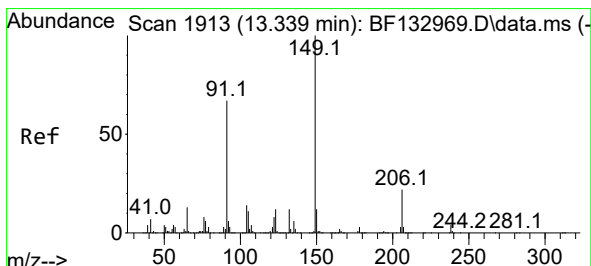
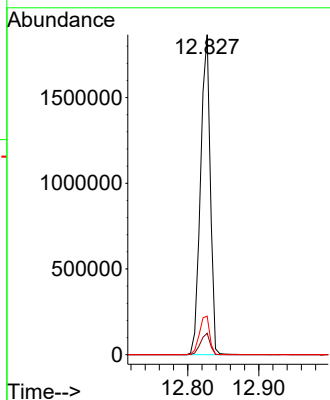
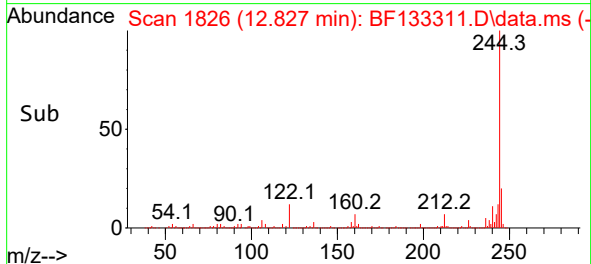
Instrument :
 BNA_F
 ClientSampleId :
 PB152628BS



Tgt Ion:244 Resp: 1779980
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 12.1 8.6 13.0

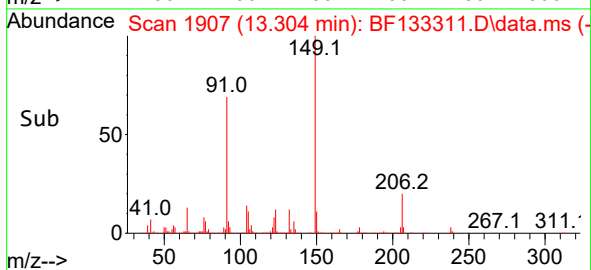
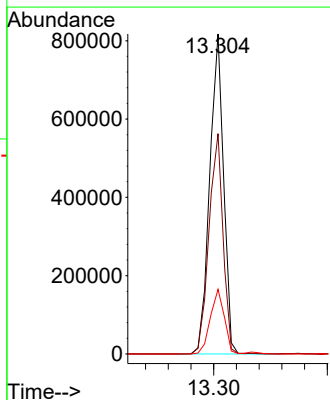
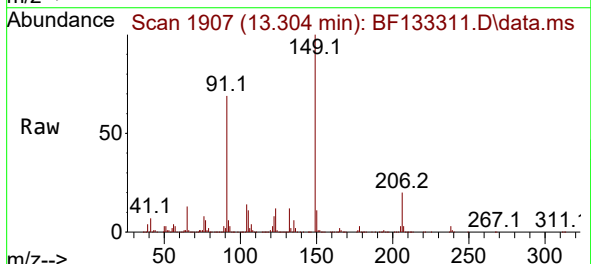
Manual Integrations
 APPROVED

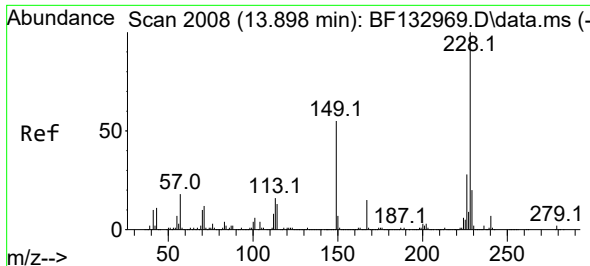
Reviewed By :Christian Giraldo 05/10/2023
 Supervised By :Jagrut Upadhyay 05/10/2023



#80
 Butylbenzylphthalate
 Concen: 51.326 ng
 RT: 13.304 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: BF133311.D
 Acq: 09 May 2023 11:50

Tgt Ion:149 Resp: 691378
 Ion Ratio Lower Upper
 149 100
 91 68.9 53.8 80.6
 206 20.2 17.5 26.3





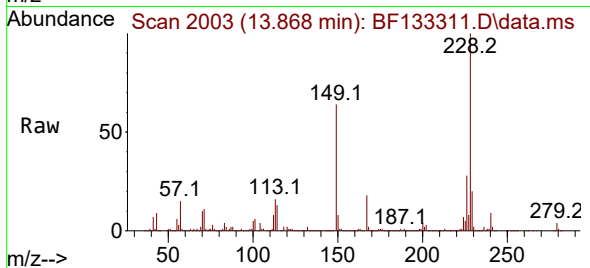
#81
Benzo(a)anthracene
Concen: 39.187 ng
RT: 13.868 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Instrument :

BNA_F

ClientSampleId :

PB152628BS

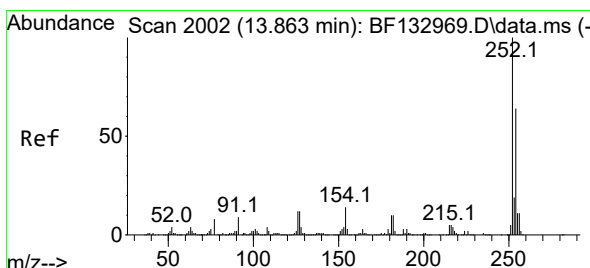
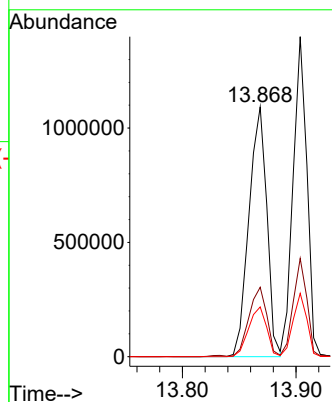
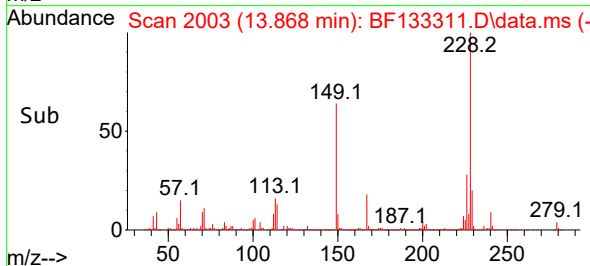


Tgt Ion:228 Resp: 119591
Ion Ratio Lower Upper
228 100
226 27.8 22.2 33.4
229 20.0 16.0 24.0

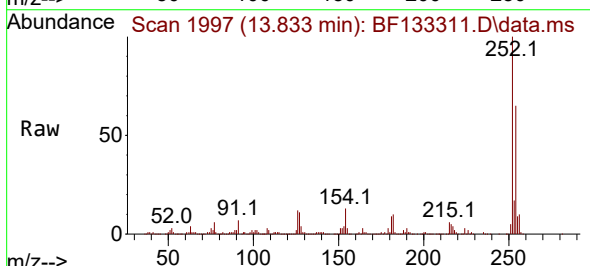
Manual Integrations

APPROVED

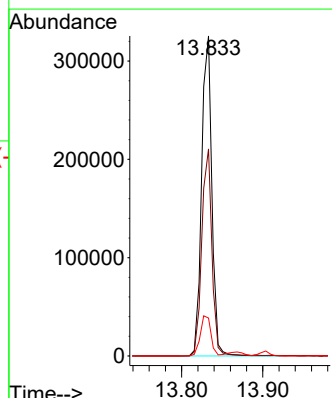
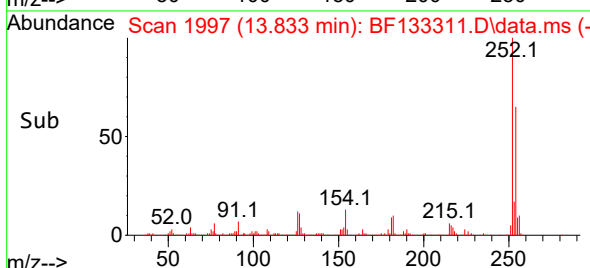
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023

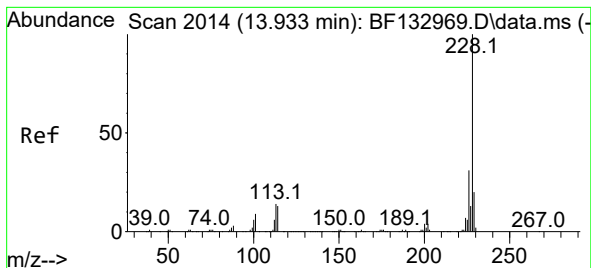


#82
3,3'-Dichlorobenzidine
Concen: 33.938 ng
RT: 13.833 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50



Tgt Ion:252 Resp: 286120
Ion Ratio Lower Upper
252 100
254 64.7 51.5 77.3
126 11.8 9.5 14.3





#83

Chrysene

Concen: 38.739 ng

RT: 13.904 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

Instrument :

BNA_F

ClientSampleId :

PB152628BS

Tgt Ion:228 Resp: 1181959

Ion Ratio Lower Upper

228 100

226 30.7 24.7 37.1

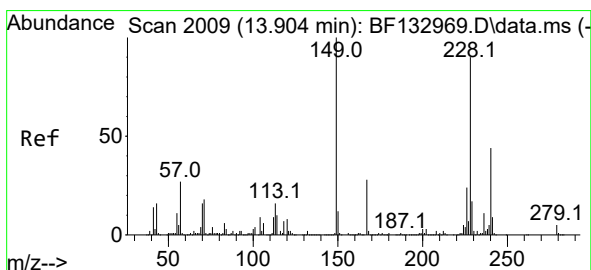
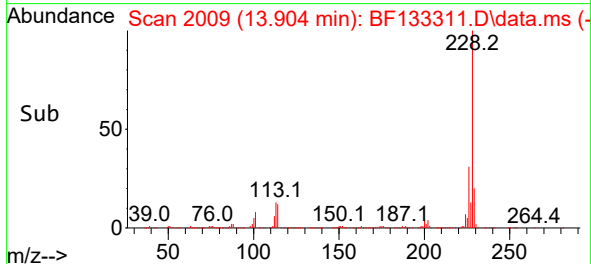
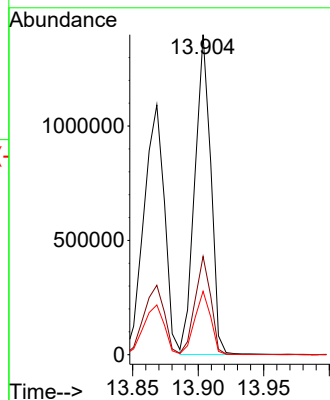
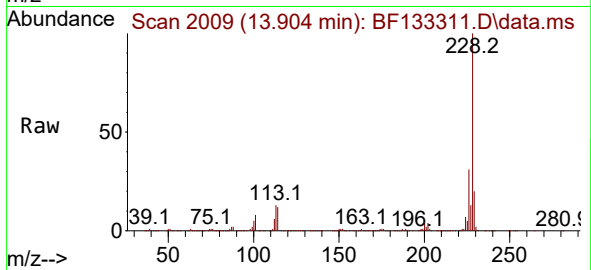
229 19.8 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/10/2023

Supervised By :Jagrut Upadhyay 05/10/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.823 ng

RT: 13.863 min Scan# 2002

Delta R.T. -0.006 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

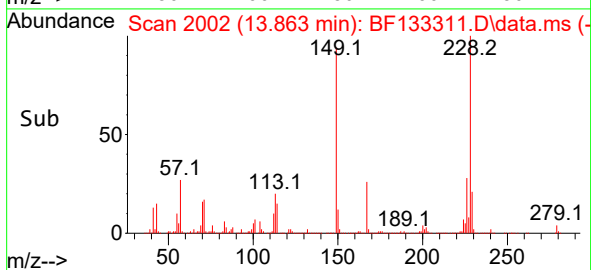
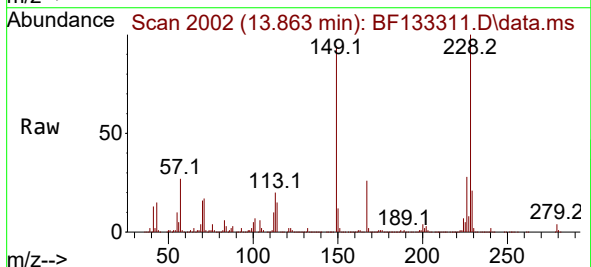
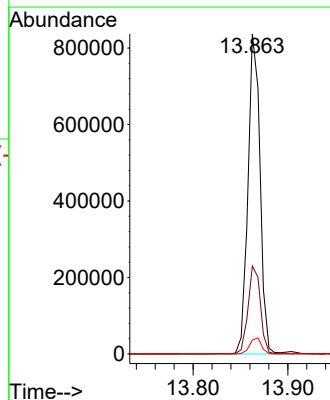
Tgt Ion:149 Resp: 740946

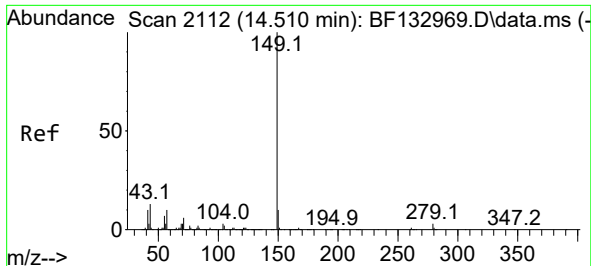
Ion Ratio Lower Upper

149 100

167 27.5 22.5 33.7

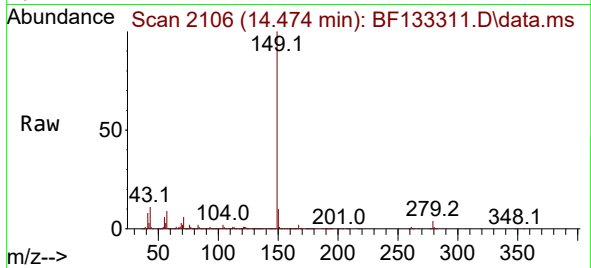
279 4.3 4.2 6.4





#85
Di-n-octyl phthalate
Concen: 44.535 ng
RT: 14.474 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

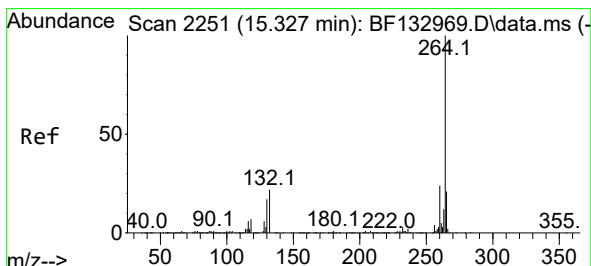
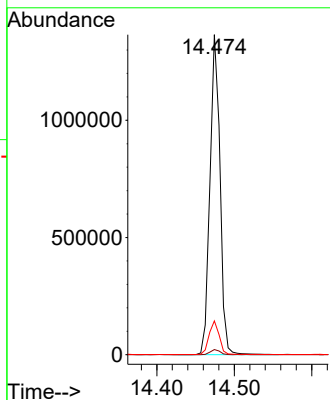
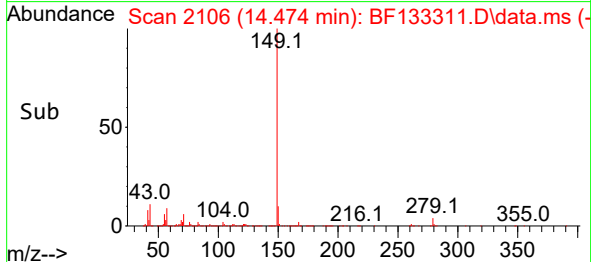
Instrument :
BNA_F
ClientSampleId :
PB152628BS



Tgt Ion:149 Resp: 122778
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.6 9.5 14.3

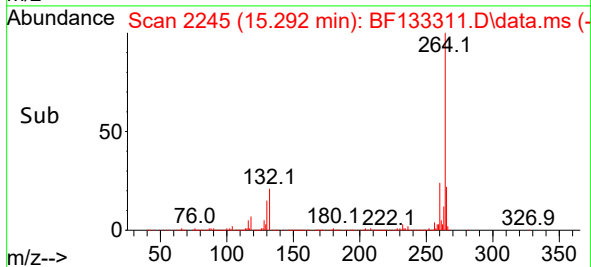
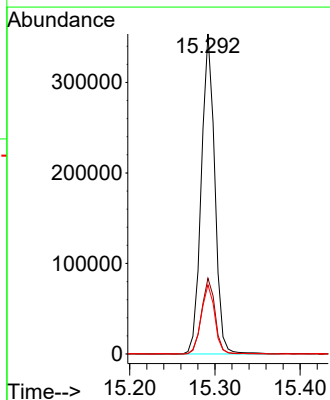
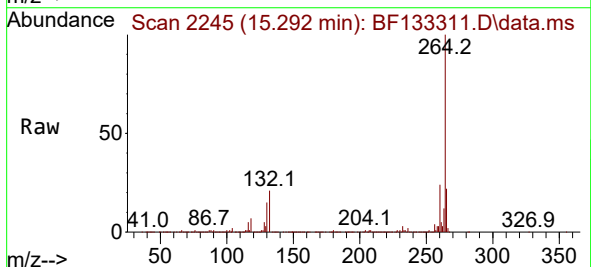
Manual Integrations
APPROVED

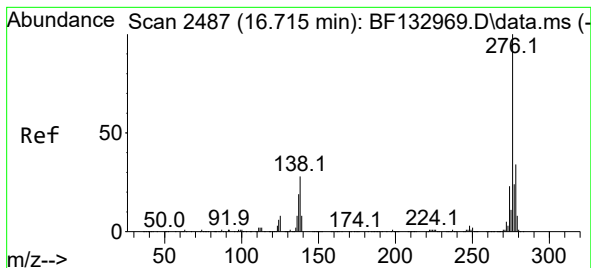
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.292 min Scan# 2245
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

Tgt Ion:264 Resp: 387302
Ion Ratio Lower Upper
264 100
260 23.6 18.8 28.2
265 21.6 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.408 ng

RT: 16.680 min Scan# 2487

Delta R.T. 0.006 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

Instrument :

BNA_F

ClientSampleId :

PB152628BS

Tgt Ion:276 Resp: 106644

Ion Ratio Lower Upper

276 100

138 29.6 25.5 38.3

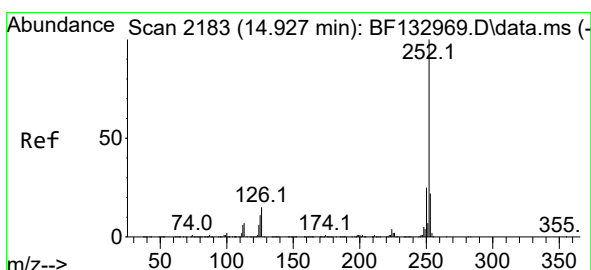
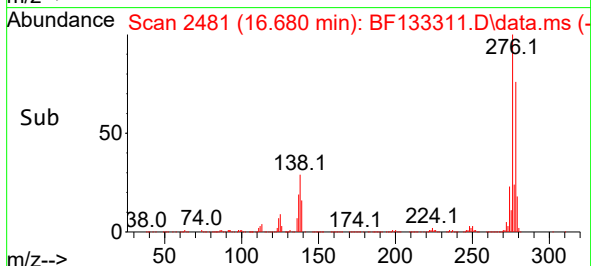
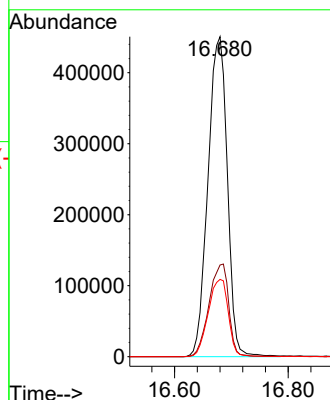
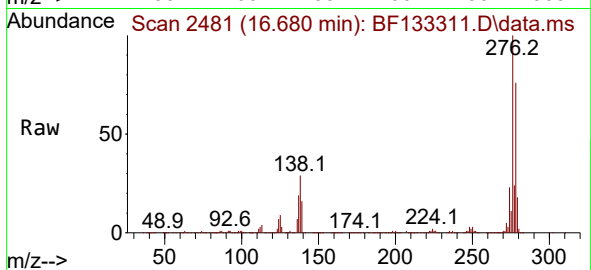
277 25.2 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/10/2023

Supervised By :Jagrut Upadhyay 05/10/2023



#88

Benzo(b)fluoranthene

Concen: 42.367 ng

RT: 14.892 min Scan# 2177

Delta R.T. 0.000 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

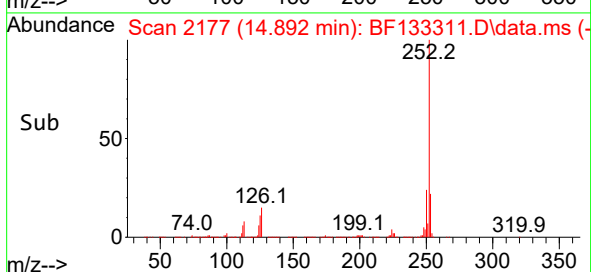
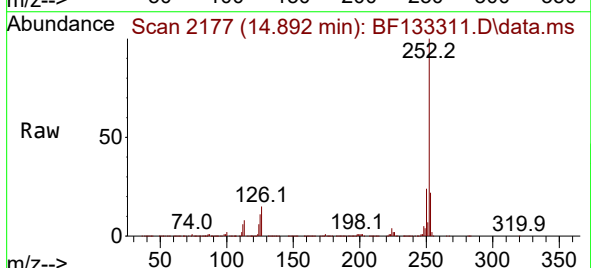
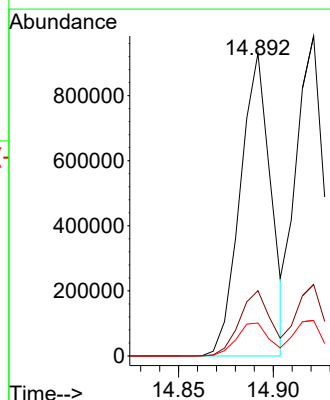
Tgt Ion:252 Resp: 1043910

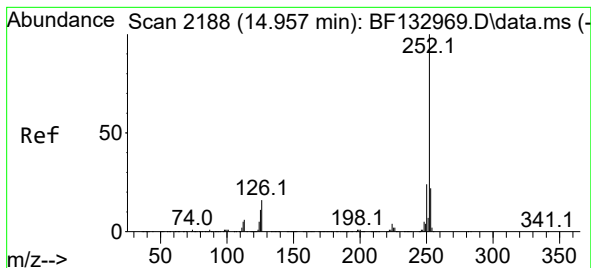
Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

125 10.9 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 40.913 ng

RT: 14.921 min Scan# 2188

Delta R.T. 0.000 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

Instrument :

BNA_F

ClientSampleId :

PB152628BS

Tgt Ion:252 Resp: 999312

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

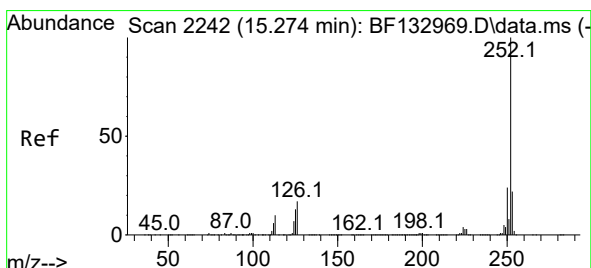
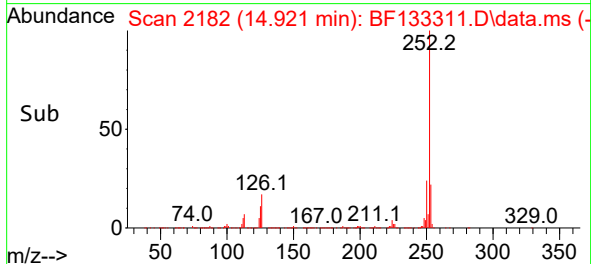
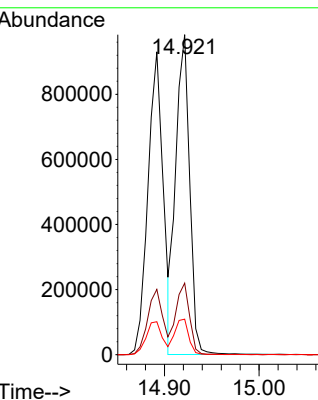
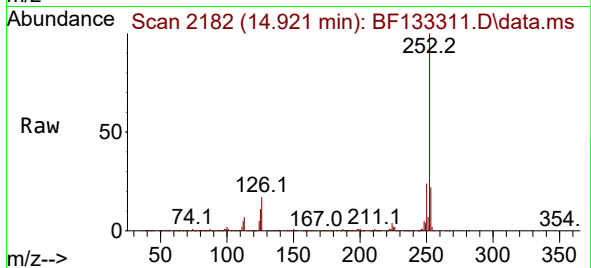
125 11.1 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/10/2023

Supervised By :Jagrut Upadhyay 05/10/2023



#90

Benzo(a)pyrene

Concen: 39.454 ng

RT: 15.239 min Scan# 2236

Delta R.T. 0.000 min

Lab File: BF133311.D

Acq: 09 May 2023 11:50

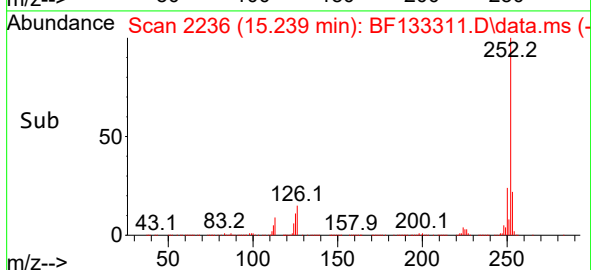
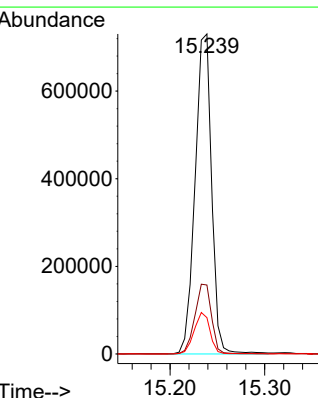
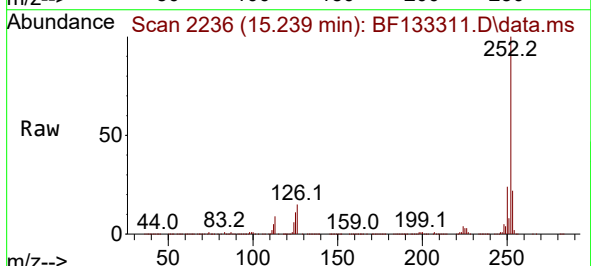
Tgt Ion:252 Resp: 884844

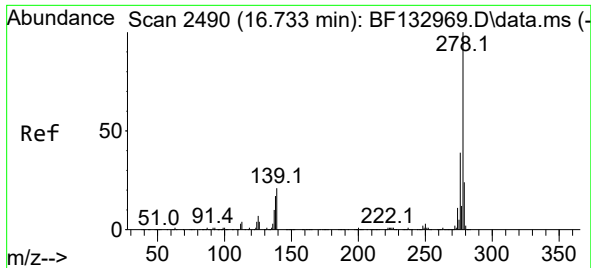
Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

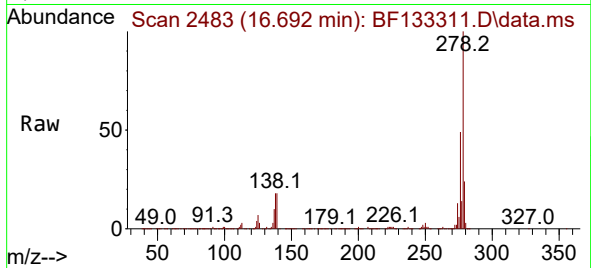
125 11.4 10.5 15.7





#91
Dibenzo(a,h)anthracene
Concen: 48.154 ng
RT: 16.692 min Scan# 2490
Delta R.T. 0.000 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50

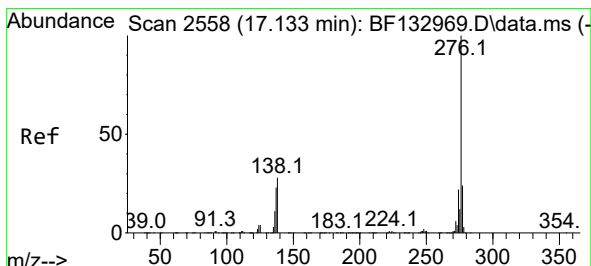
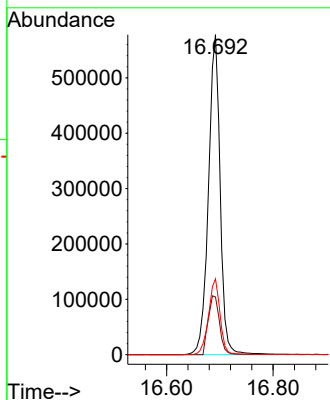
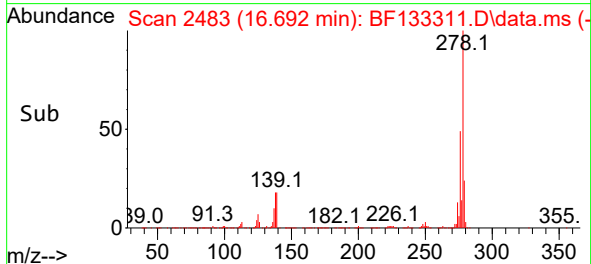
Instrument :
BNA_F
ClientSampleId :
PB152628BS



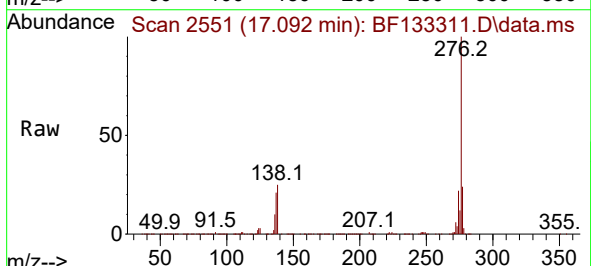
Tgt Ion: 278 Resp: 884815
Ion Ratio Lower Upper
278 100
139 18.1 16.6 24.8
279 23.7 18.8 28.2

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 05/10/2023
Supervised By : Jagrut Upadhyay 05/10/2023



#92
Benzo(g,h,i)perylene
Concen: 48.589 ng
RT: 17.092 min Scan# 2551
Delta R.T. 0.006 min
Lab File: BF133311.D
Acq: 09 May 2023 11:50



Tgt Ion: 276 Resp: 881417
Ion Ratio Lower Upper
276 100
277 24.1 19.4 29.0
138 25.4 22.7 34.1

