

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050323\
 Data File : BF133203.D
 Acq On : 03 May 2023 12:58
 Operator : CG\JU
 Sample : PB152548BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152548BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/04/2023
 Supervised By : Jagrut Upadhyay 05/04/2023

Quant Time: May 03 13:16:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 12:00:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	194406	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	772245	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	416279	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	743010	20.000	ng	0.00
76) Chrysene-d12	13.892	240	500357	20.000	ng	0.00
86) Perylene-d12	15.304	264	440501	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1354477	105.248	ng	0.01
7) Phenol-d6	6.381	99	1657998	103.796	ng	0.00
23) Nitrobenzene-d5	7.298	82	992178	69.349	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	425197	101.564	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1763262	70.864	ng	0.00
79) Terphenyl-d14	12.839	244	1892612	65.236	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	253615	42.487	ng	97
3) Pyridine	3.169	79	620292	39.124	ng	97
4) n-Nitrosodimethylamine	3.134	42	334675	40.754	ng	98
6) Aniline	6.392	93	752833	36.592	ng	# 27
8) 2-Chlorophenol	6.522	128	590615	45.200	ng	94
9) Benzaldehyde	6.275	77	346718	52.133	ng	99
10) Phenol	6.392	94	734500	41.681	ng	# 73
11) bis(2-Chloroethyl)ether	6.469	93	578585	43.754	ng	99
12) 1,3-Dichlorobenzene	6.675	146	639583	46.039	ng	97
13) 1,4-Dichlorobenzene	6.751	146	644786	46.311	ng	97
14) 1,2-Dichlorobenzene	6.904	146	598446	46.622	ng	99
15) Benzyl Alcohol	6.881	79	484596	43.919	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.010	45	949584	41.344	ng	95
17) 2-Methylphenol	6.998	107	508165	42.472	ng	99
18) Hexachloroethane	7.245	117	225410	46.567	ng	99
19) n-Nitroso-di-n-propyla...	7.151	70	396189	39.840	ng	97
20) 3+4-Methylphenols	7.151	107	594632	42.201	ng	# 80
22) Acetophenone	7.145	105	811956	45.389	ng	98
24) Nitrobenzene	7.316	77	623645	43.017	ng	97
25) Isophorone	7.557	82	1168004	42.998	ng	98
26) 2-Nitrophenol	7.633	139	344275	49.234	ng	95
27) 2,4-Dimethylphenol	7.681	122	550856	45.941	ng	97
28) bis(2-Chloroethoxy)met...	7.769	93	703397	43.771	ng	98
29) 2,4-Dichlorophenol	7.880	162	508909	46.623	ng	97
30) 1,2,4-Trichlorobenzene	7.957	180	521589	46.124	ng	99
31) Naphthalene	8.039	128	1695555	43.915	ng	99
32) Benzoic acid	7.810	122	368198m	49.714	ng	
33) 4-Chloroaniline	8.086	127	436248	27.965	ng	98
34) Hexachlorobutadiene	8.157	225	277384	44.257	ng	99
35) Caprolactam	8.469	113	183867m	50.142	ng	
36) 4-Chloro-3-methylphenol	8.575	107	549079	46.647	ng	100
37) 2-Methylnaphthalene	8.728	142	1140722	43.215	ng	99
38) 1-Methylnaphthalene	8.828	142	1063226	43.057	ng	99
40) 1,2,4,5-Tetrachloroben...	8.898	216	457740	40.897	ng	99
41) Hexachlorocyclopentadiene	8.886	237	606360	92.892	ng	98
43) 2,4,6-Trichlorophenol	9.010	196	336891	43.524	ng	99

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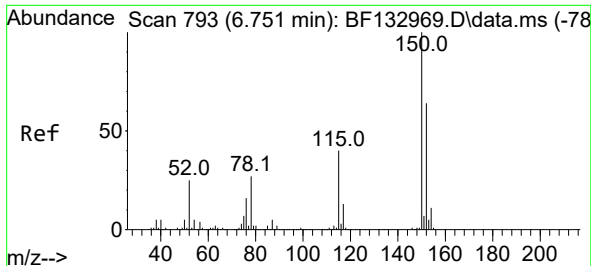
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	352928	39.424	ng	100
46) 1,1'-Biphenyl	9.198	154	1385312	41.968	ng	98
47) 2-Chloronaphthalene	9.216	162	1050920	43.497	ng	98
48) 2-Nitroaniline	9.316	65	343342	42.999	ng	98
49) Acenaphthylene	9.633	152	1652060	42.794	ng	100
50) Dimethylphthalate	9.498	163	1247053	42.963	ng	99
51) 2,6-Dinitrotoluene	9.557	165	292473	44.768	ng	96
52) Acenaphthene	9.804	154	1203285m	46.539	ng	
53) 3-Nitroaniline	9.727	138	262241	33.759	ng	96
54) 2,4-Dinitrophenol	9.833	184	332654	101.300	ng	96
55) Dibenzofuran	9.980	168	1483770	42.070	ng	99
56) 4-Nitrophenol	9.898	139	508834	84.574	ng	93
57) 2,4-Dinitrotoluene	9.963	165	379673	45.571	ng	# 91
58) Fluorene	10.322	166	1081791	41.865	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.098	232	304857	43.927	ng	99
60) Diethylphthalate	10.198	149	1170341	42.686	ng	99
61) 4-Chlorophenyl-phenyle...	10.310	204	514527	40.860	ng	96
62) 4-Nitroaniline	10.345	138	341349	47.811	ng	94
63) Azobenzene	10.474	77	1188073	40.906	ng	97
65) 4,6-Dinitro-2-methylph...	10.369	198	223423	49.610	ng	79
66) n-Nitrosodiphenylamine	10.433	169	1012544	42.012	ng	100
67) 4-Bromophenyl-phenylether	10.798	248	333874	41.432	ng	95
68) Hexachlorobenzene	10.869	284	366610	44.398	ng	99
69) Atrazine	10.963	200	352243	50.721	ng	99
70) Pentachlorophenol	11.063	266	427450	72.686	ng	97
71) Phenanthrene	11.280	178	1663371	41.652	ng	100
72) Anthracene	11.327	178	1745398	42.708	ng	100
73) Carbazole	11.486	167	1582876	43.497	ng	99
74) Di-n-butylphthalate	11.821	149	1831325	44.469	ng	99
75) Fluoranthene	12.463	202	1696771	42.336	ng	99
77) Benzidine	12.586	184	1073259	126.843	ng	# 94
78) Pyrene	12.692	202	1737664	40.512	ng	98
80) Butylbenzylphthalate	13.315	149	764370	50.331	ng	99
81) Benzo(a)anthracene	13.880	228	1395267	40.551	ng	99
82) 3,3'-Dichlorobenzidine	13.845	252	396758	41.741	ng	99
83) Chrysene	13.915	228	1402042	40.758	ng	100
84) Bis(2-ethylhexyl)phtha...	13.874	149	865937	45.426	ng	99
85) Di-n-octyl phthalate	14.486	149	1599087	51.447	ng	97
87) Indeno(1,2,3-cd)pyrene	16.692	276	1129521	45.079	ng	99
88) Benzo(b)fluoranthene	14.904	252	1260660	44.985	ng	99
89) Benzo(k)fluoranthene	14.933	252	1243873	44.776	ng	99
90) Benzo(a)pyrene	15.251	252	1049579	41.147	ng	100
91) Dibenzo(a,h)anthracene	16.703	278	945804	45.257	ng	99
92) Benzo(g,h,i)perylene	17.109	276	941760	45.645	ng	97

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



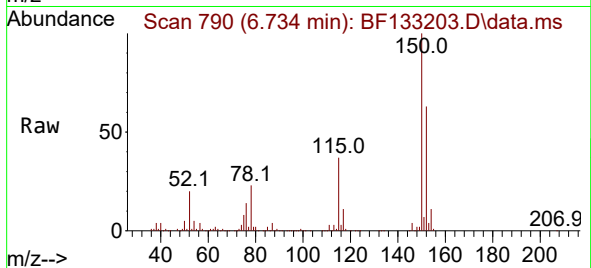
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 793
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Instrument :

BNA_F

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PB152548BS

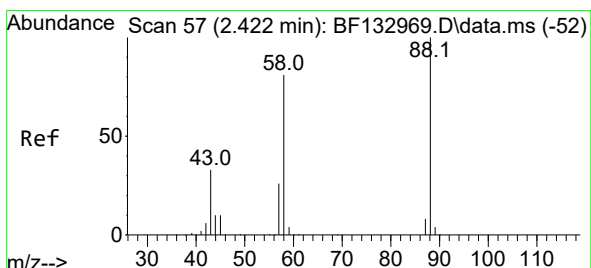
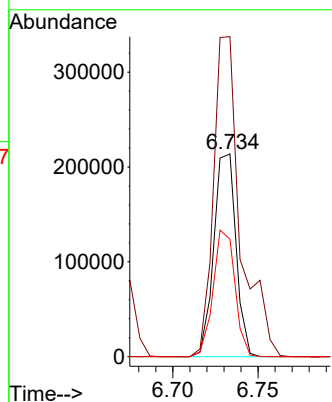
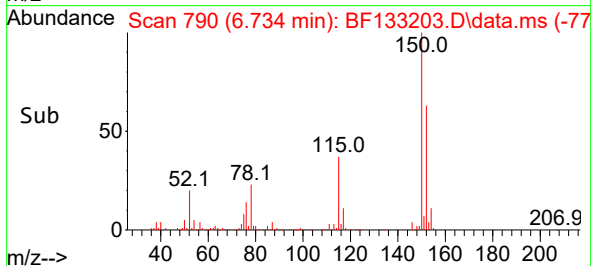


Tgt Ion:152 Resp: 194400
Ion Ratio Lower Upper
152 100
150 157.9 124.8 187.2
115 57.9 49.9 74.9

Manual Integrations

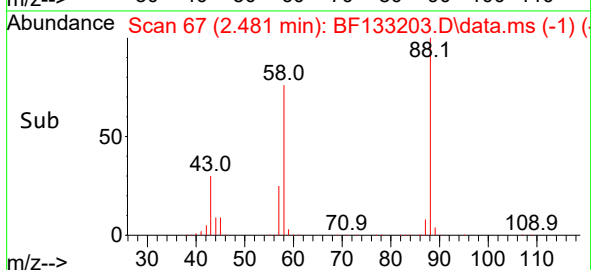
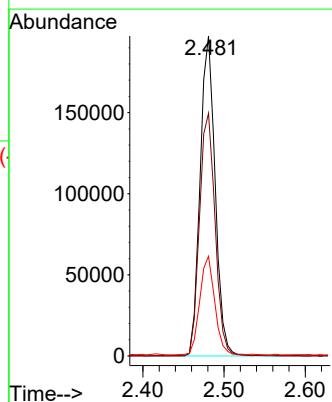
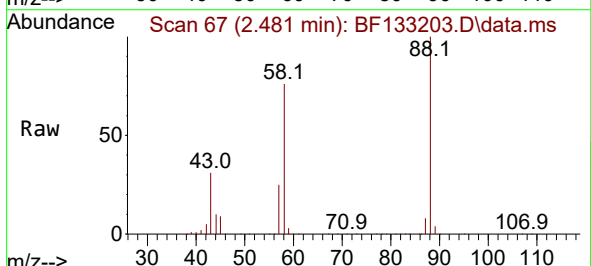
APPROVED

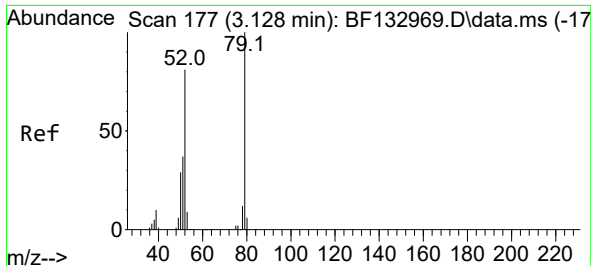
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#2
1,4-Dioxane
Concen: 42.487 ng
RT: 2.481 min Scan# 67
Delta R.T. 0.105 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

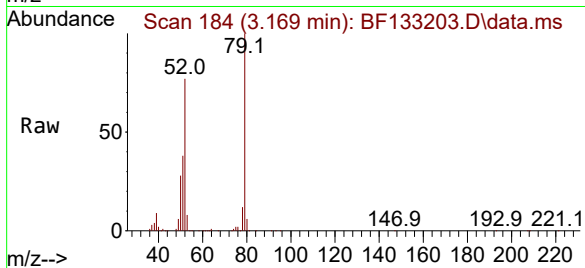
Tgt Ion: 88 Resp: 253615
Ion Ratio Lower Upper
88 100
58 78.5 64.7 97.1
43 31.0 26.2 39.2





#3
Pyridine
Concen: 39.124 ng
RT: 3.169 min Scan# 11
Delta R.T. 0.094 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

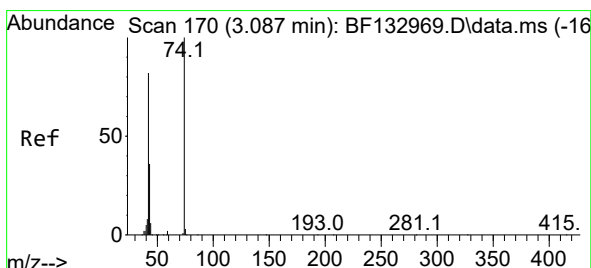
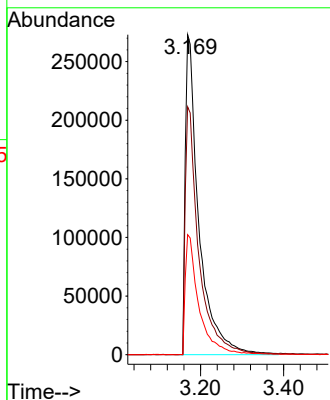
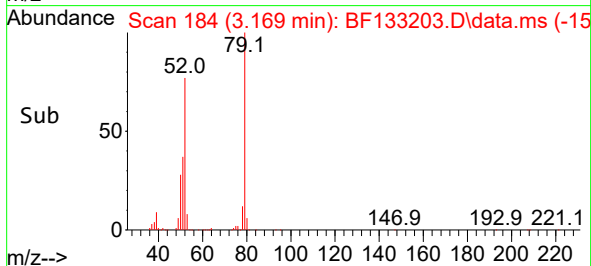
Instrument :
BNA_F
ClientSampleId :
PB152548BS



Tgt Ion: 79 Resp: 620292
Ion Ratio Lower Upper
79 100
52 77.4 64.6 96.8
51 37.5 30.0 45.0

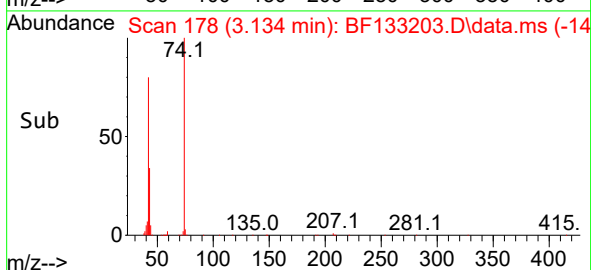
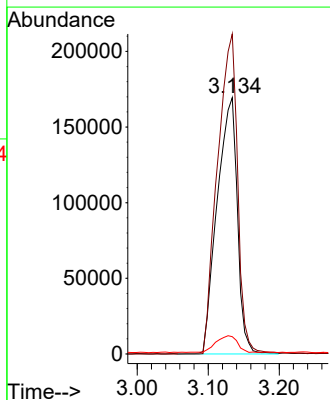
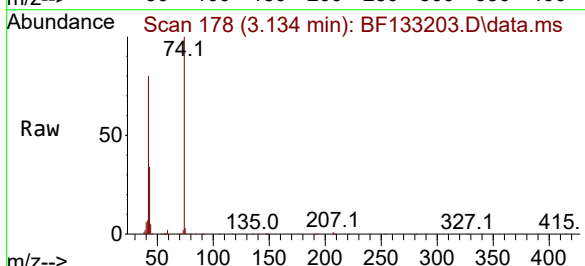
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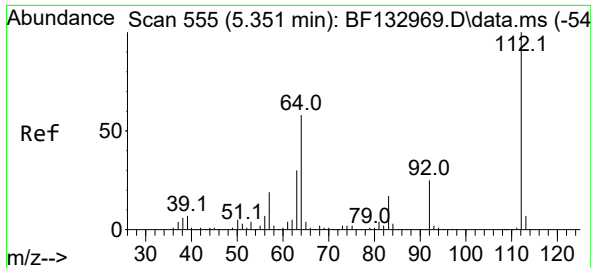
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#4
n-Nitrosodimethylamine
Concen: 40.754 ng
RT: 3.134 min Scan# 178
Delta R.T. 0.100 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

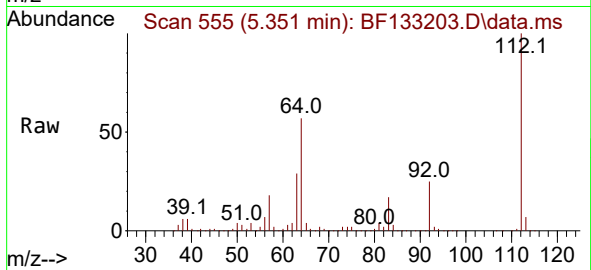
Tgt Ion: 42 Resp: 334675
Ion Ratio Lower Upper
42 100
74 124.8 98.0 147.0
44 6.8 5.8 8.8





#5
2-Fluorophenol
Concen: 105.248 ng
RT: 5.351 min Scan# 511
Delta R.T. 0.011 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

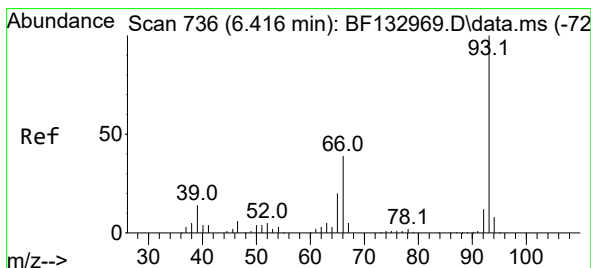
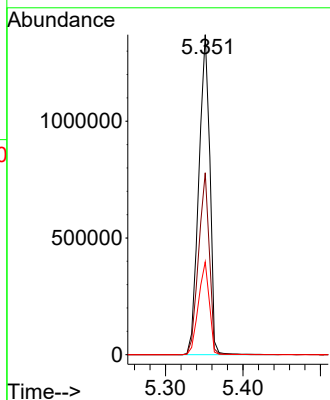
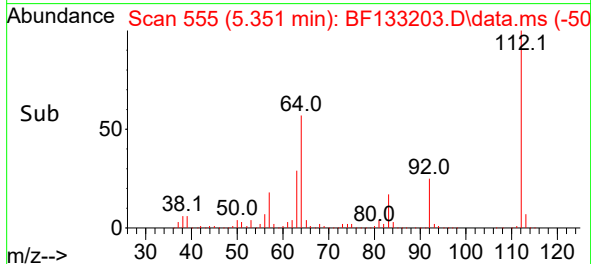
Instrument :
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Tgt Ion:112 Resp: 135447
Ion Ratio Lower Upper
112 100
64 56.8 46.8 70.2
63 29.0 23.8 35.8

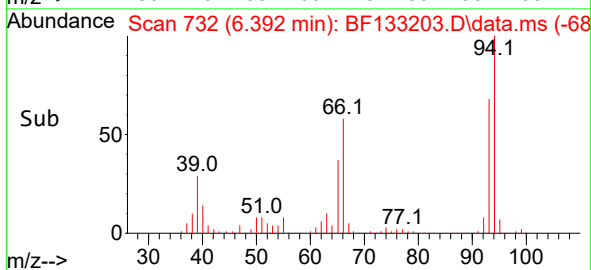
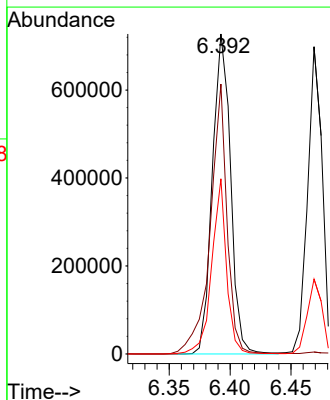
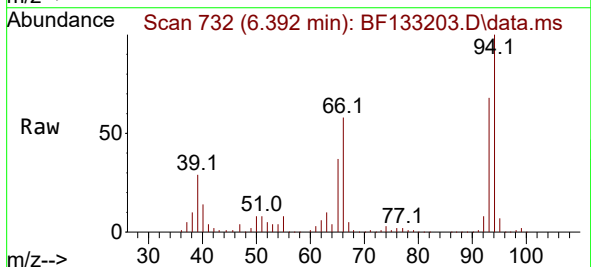
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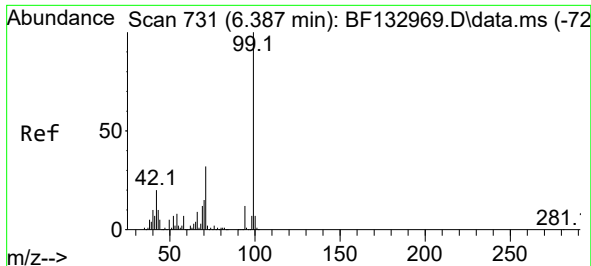
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#6
Aniline
Concen: 36.592 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Tgt Ion: 93 Resp: 752833
Ion Ratio Lower Upper
93 100
66 84.4 31.5 47.3#
65 54.7 16.4 24.6#





#7

Phenol-d6

Concen: 103.796 ng

RT: 6.381 min Scan# 71

Delta R.T. 0.005 min

Lab File: BF133203.D

Acq: 03 May 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB152548BS

Tgt Ion: 99 Resp: 1657998

Ion Ratio Lower Upper

99 100

42 18.3 16.3 24.5

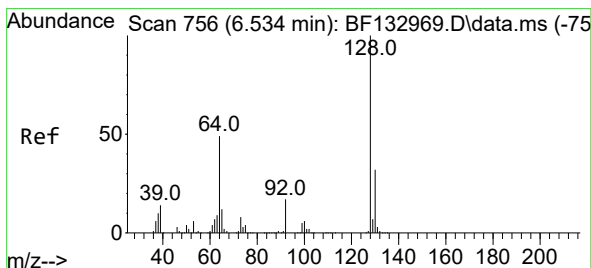
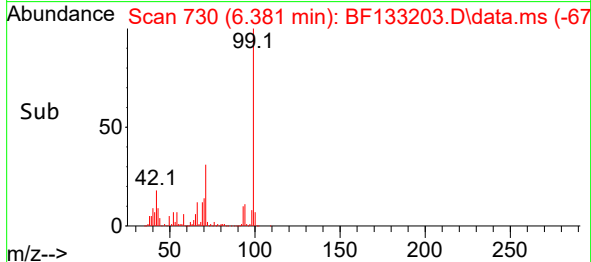
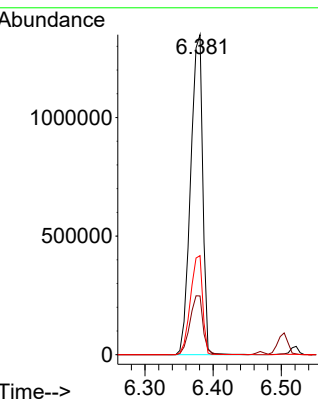
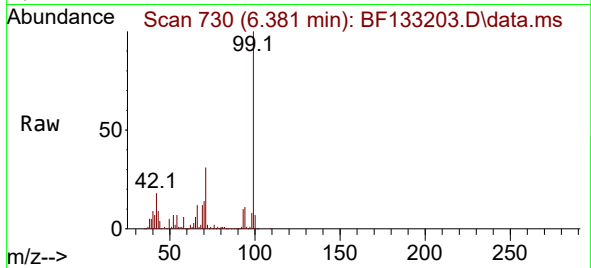
71 31.0 25.6 38.4

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/04/2023



#8

2-Chlorophenol

Concen: 45.200 ng

RT: 6.522 min Scan# 754

Delta R.T. 0.005 min

Lab File: BF133203.D

Acq: 03 May 2023 12:58

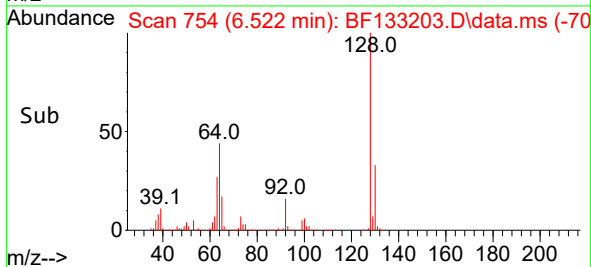
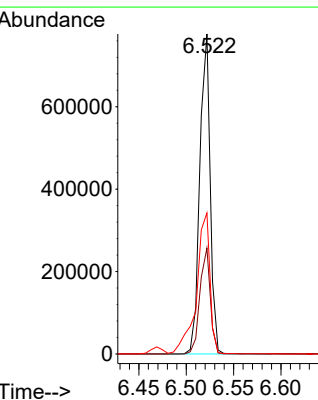
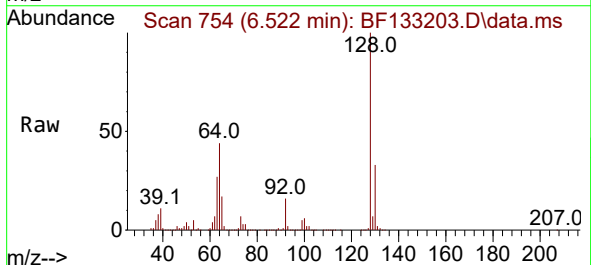
Tgt Ion:128 Resp: 590615

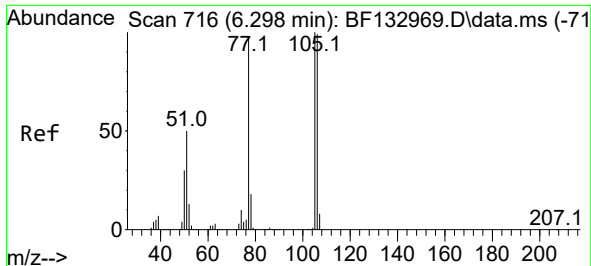
Ion Ratio Lower Upper

128 100

130 33.1 12.2 52.2

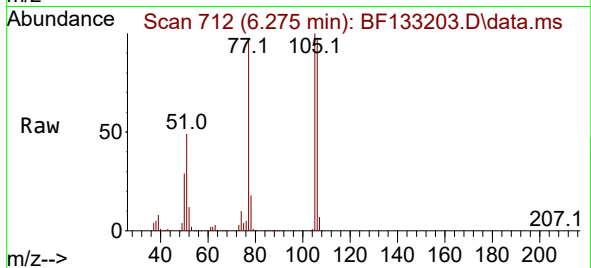
64 44.1 30.3 70.3





#9
Benzaldehyde
Concen: 52.133 ng
RT: 6.275 min Scan# 716
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

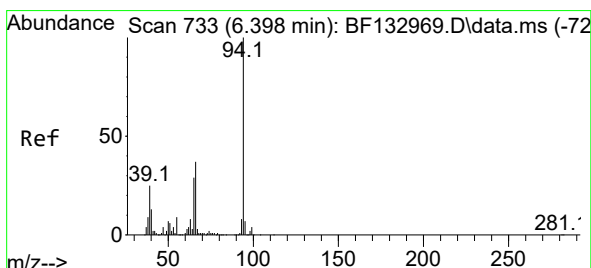
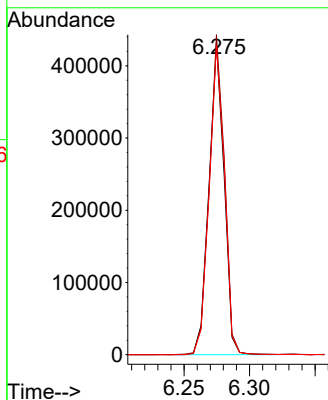
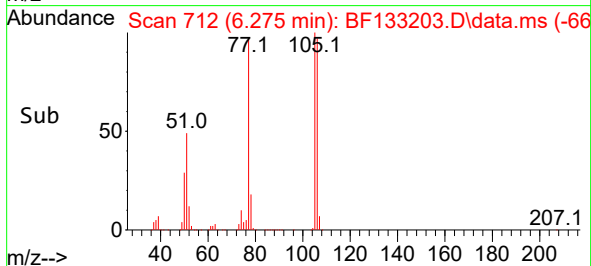
Instrument :
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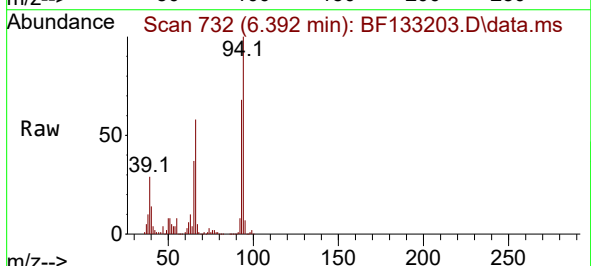
Tgt Ion: 77 Resp: 346718
Ion Ratio Lower Upper
77 100
105 102.6 82.3 122.3
106 99.2 80.8 120.8

Manual Integrations
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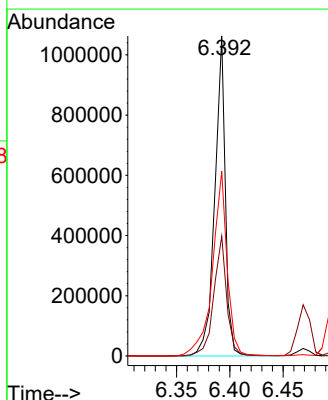
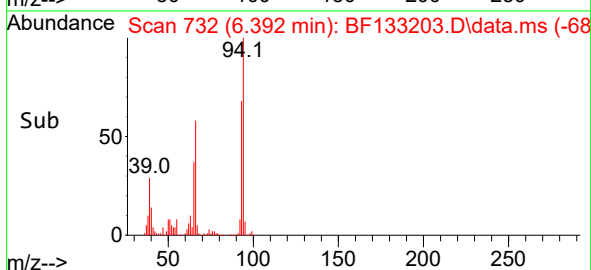
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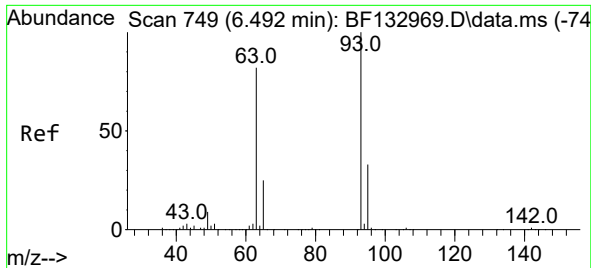


#10
Phenol
Concen: 41.681 ng
RT: 6.392 min Scan# 732
Delta R.T. 0.006 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58



Tgt Ion: 94 Resp: 734500
Ion Ratio Lower Upper
94 100
65 37.5 8.6 48.6
66 57.7 17.3 57.3#





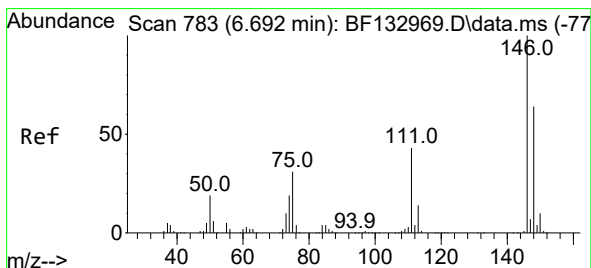
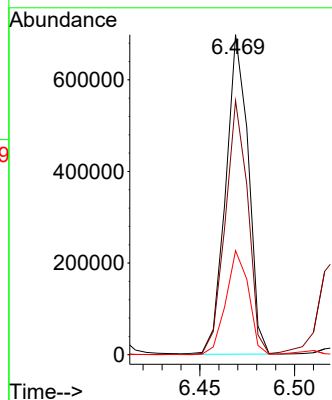
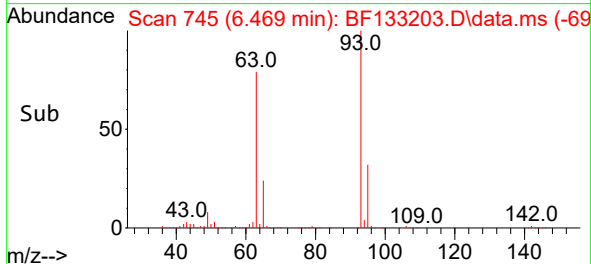
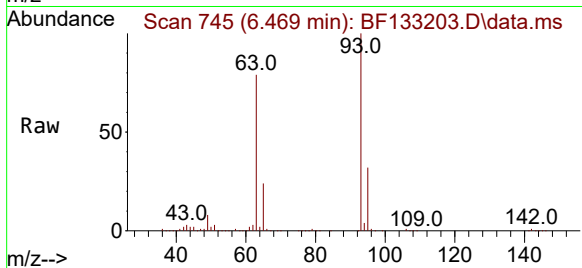
#11
bis(2-Chloroethyl)ether
Concen: 43.754 ng
RT: 6.469 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Instrument :
BNA_F
ClientSampleId :
PB152548BS

Tgt Ion: 93 Resp: 57858
Ion Ratio Lower Upper
93 100
63 79.4 60.6 100.6
95 32.5 12.9 52.9

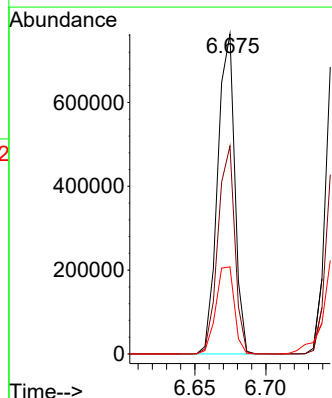
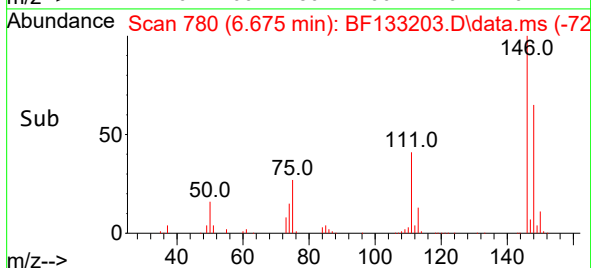
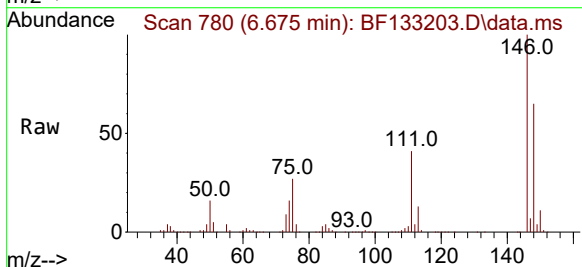
Manual Integrations
APPROVED

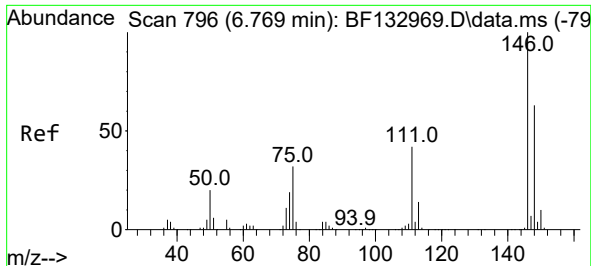
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#12
1,3-Dichlorobenzene
Concen: 46.039 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Tgt Ion:146 Resp: 639583
Ion Ratio Lower Upper
146 100
148 65.0 51.0 76.4
75 27.2 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 46.311 ng

RT: 6.751 min Scan# 796

Delta R.T. -0.000 min

Lab File: BF133203.D

Acq: 03 May 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB152548BS

Tgt Ion:146 Resp: 644780

Ion Ratio Lower Upper

146 100

148 64.4 50.3 75.5

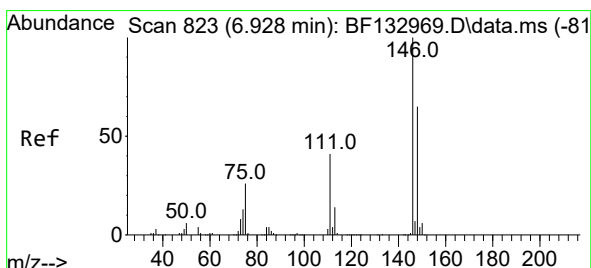
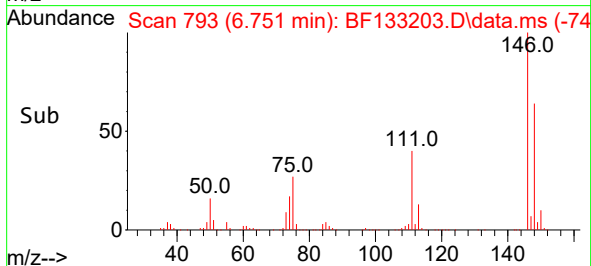
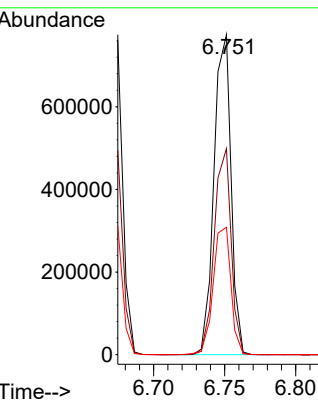
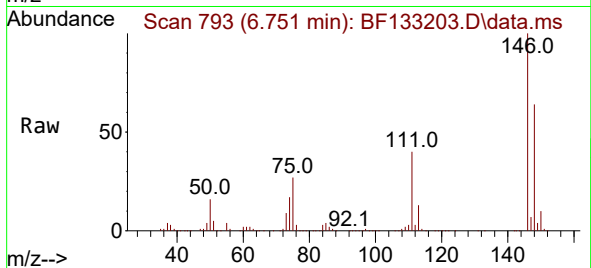
111 39.8 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/04/2023

Supervised By :Jagrut Upadhyay 05/04/2023



#14

1,2-Dichlorobenzene

Concen: 46.622 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.000 min

Lab File: BF133203.D

Acq: 03 May 2023 12:58

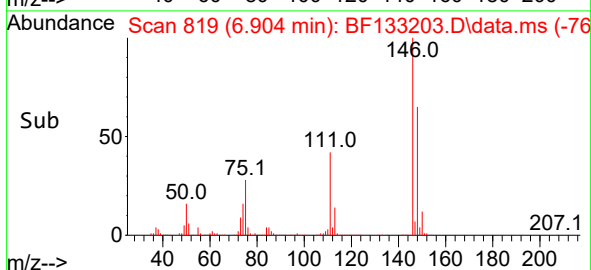
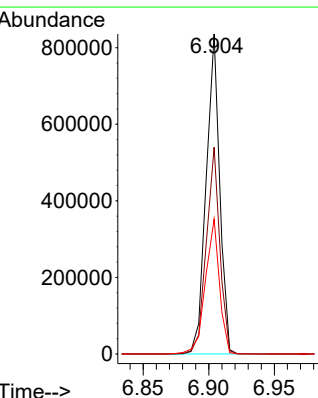
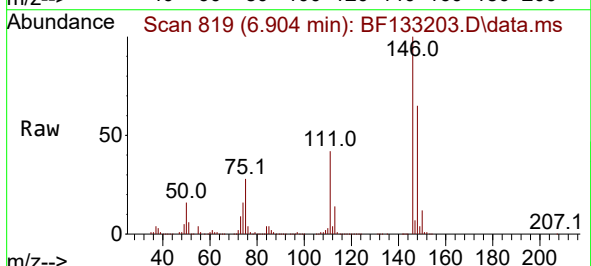
Tgt Ion:146 Resp: 598446

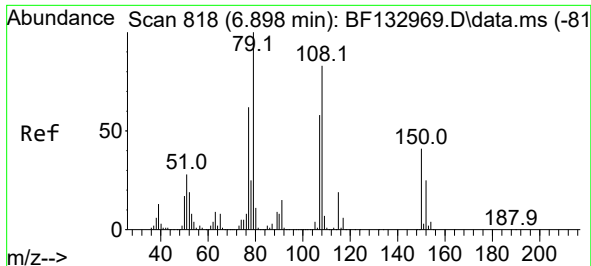
Ion Ratio Lower Upper

146 100

148 64.6 52.2 78.2

111 42.2 32.8 49.2





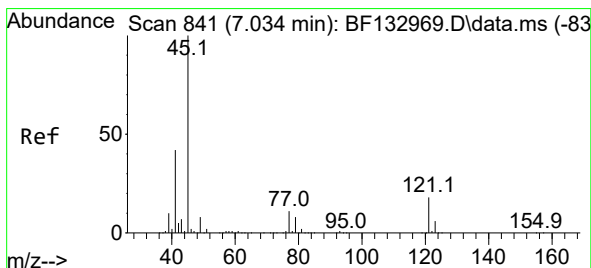
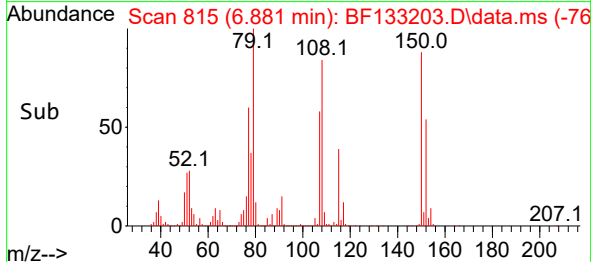
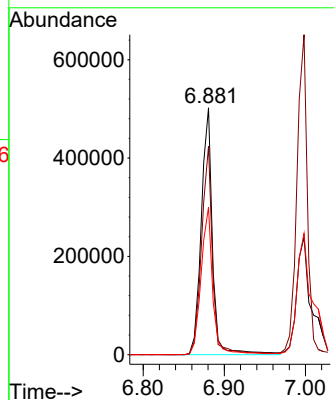
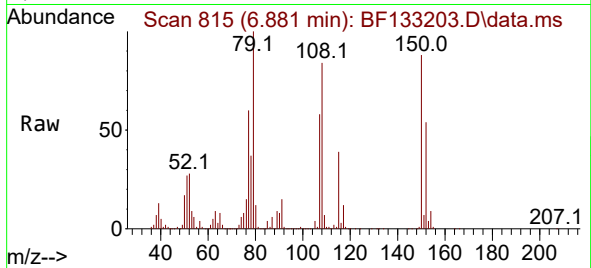
#15
Benzyl Alcohol
Concen: 43.919 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Instrument :
BNA_F
ClientSampleId :
PB152548BS

Tgt Ion: 79 Resp: 484590
Ion Ratio Lower Upper
79 100
108 84.5 66.6 99.8
77 59.7 49.2 73.8

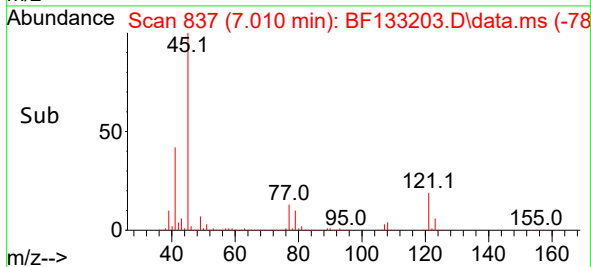
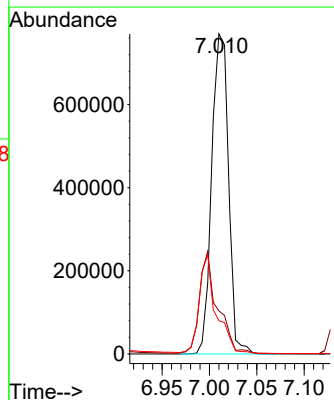
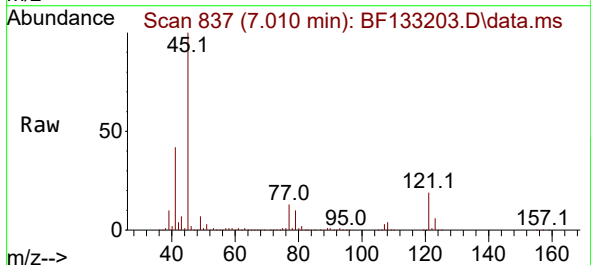
Manual Integrations
APPROVED

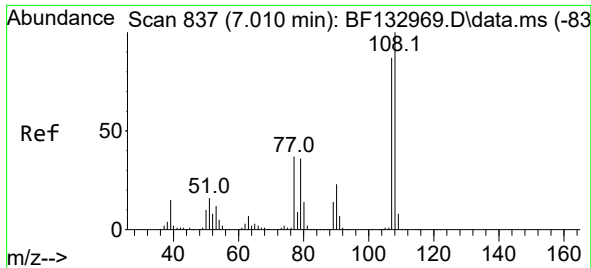
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.344 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.006 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Tgt Ion: 45 Resp: 949584
Ion Ratio Lower Upper
45 100
77 13.4 0.0 31.5
79 10.4 0.0 28.7





#17
2-Methylphenol
Concen: 42.472 ng
RT: 6.998 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Instrument :

BNA_F

ClientSampleId :

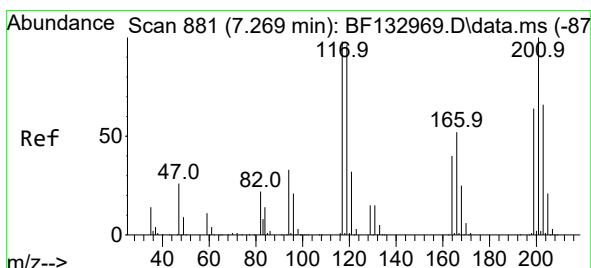
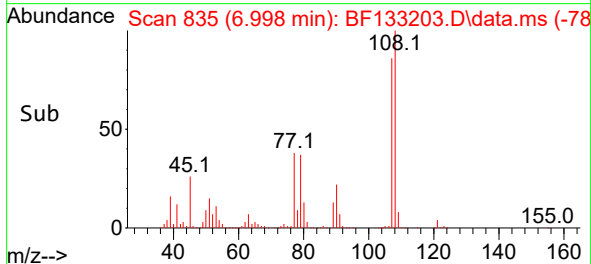
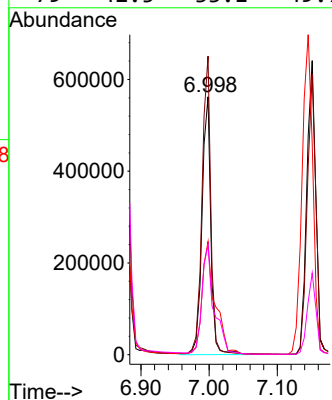
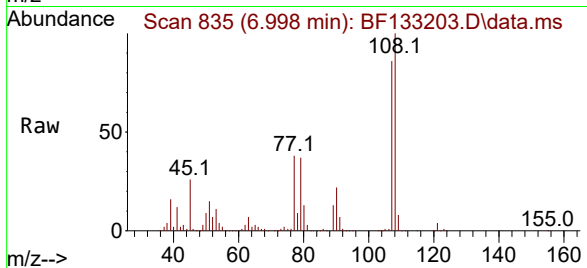
PB152548BS

Tgt Ion:107 Resp: 50816
Ion Ratio Lower Upper
107 100
108 115.7 92.4 138.6
77 43.8 33.8 50.8
79 42.5 33.1 49.7

Manual Integrations

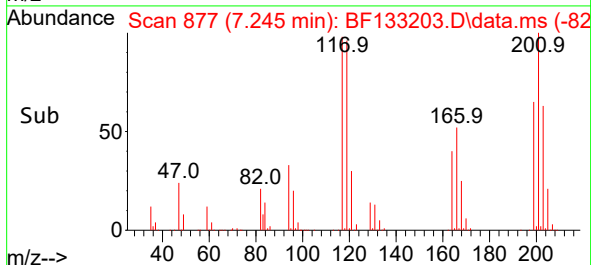
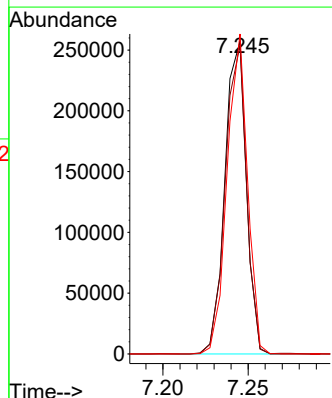
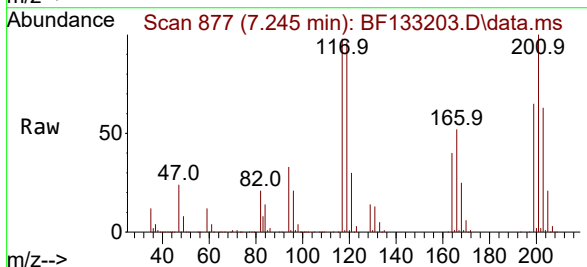
APPROVED

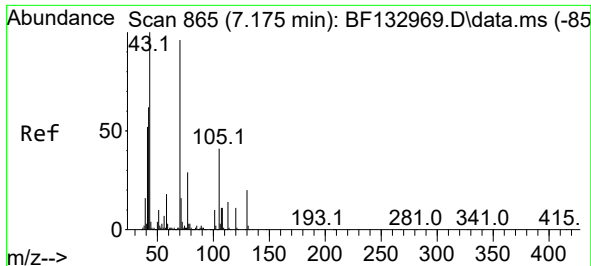
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#18
Hexachloroethane
Concen: 46.567 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

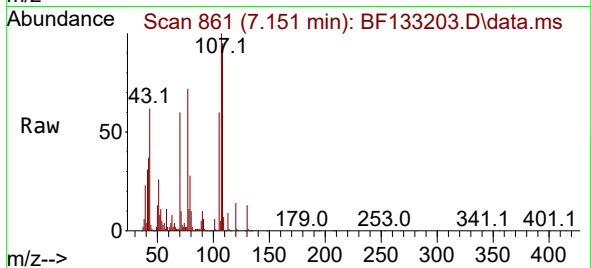
Tgt Ion:117 Resp: 225410
Ion Ratio Lower Upper
117 100
119 98.6 78.2 117.4
201 102.3 81.7 122.5





#19
n-Nitroso-di-n-propylamine
Concen: 39.840 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

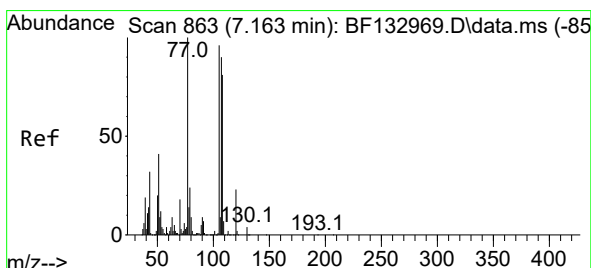
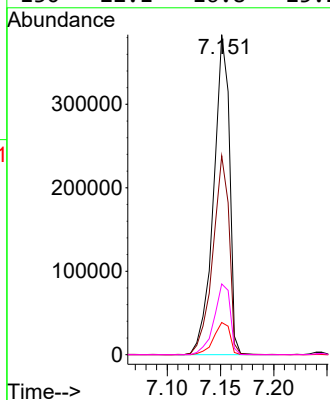
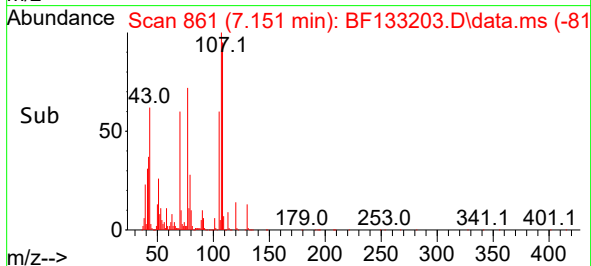
Instrument :
BNA_F
ClientSampleId :
PB152548BS



Tgt Ion: 70 Resp: 396189
Ion Ratio Lower Upper
70 100
42 62.2 51.8 77.6
101 10.1 8.0 12.0
130 22.1 16.8 25.2

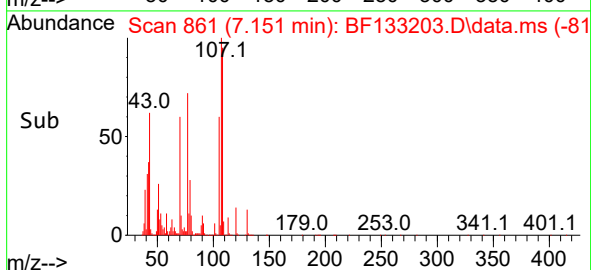
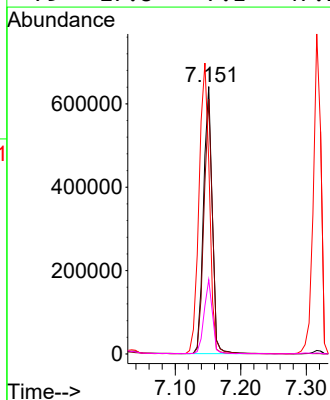
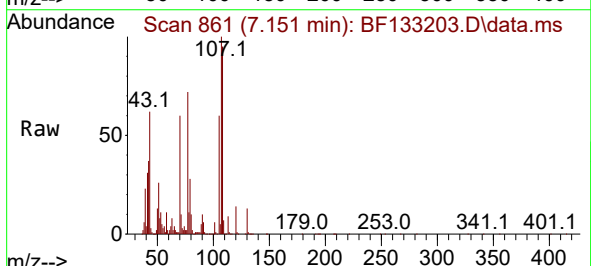
Manual Integrations
APPROVED

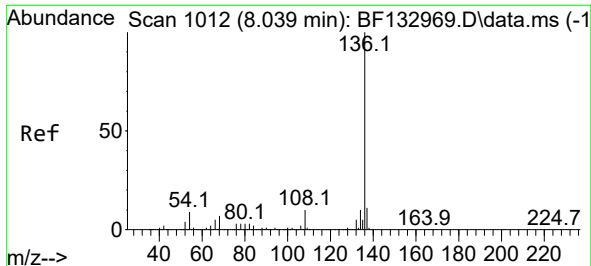
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#20
3+4-Methylphenols
Concen: 42.201 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Tgt Ion:107 Resp: 594632
Ion Ratio Lower Upper
107 100
108 95.3 70.5 110.5
77 71.9 91.7 131.7#
79 27.8 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Instrument :

BNA_F

ClientSampleId :

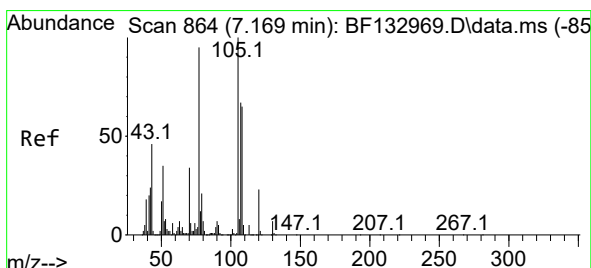
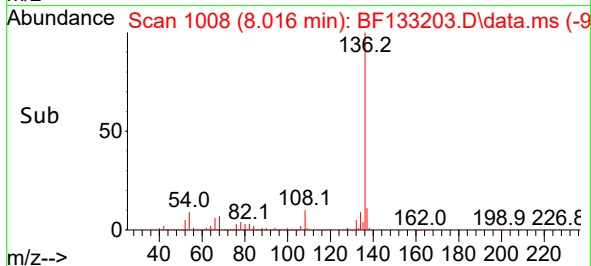
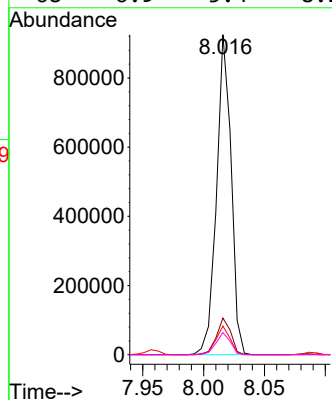
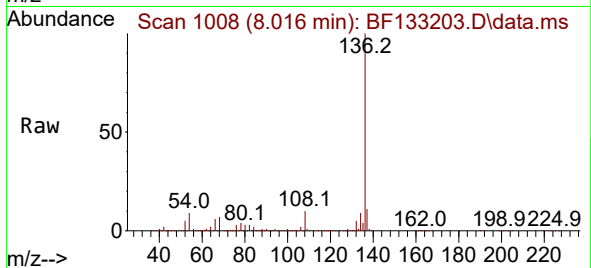
PB152548BS

Tgt Ion:136 Resp: 772245
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 9.0 7.0 10.4
68 6.9 5.4 8.2

Manual Integrations

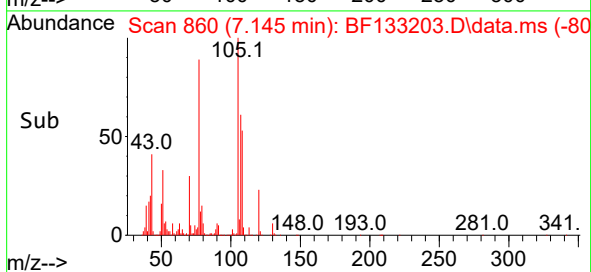
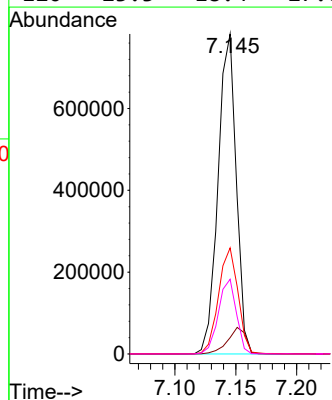
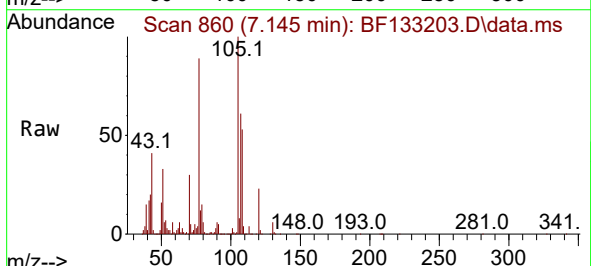
APPROVED

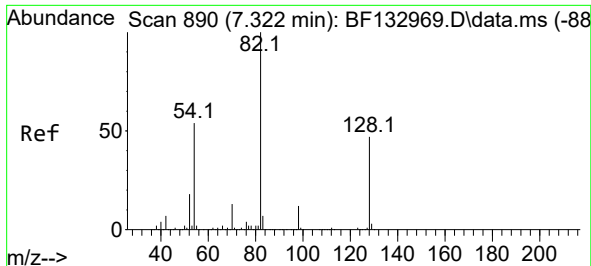
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#22
Acetophenone
Concen: 45.389 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Tgt Ion:105 Resp: 811956
Ion Ratio Lower Upper
105 100
71 5.1 4.6 7.0
51 33.1 28.2 42.2
120 23.3 18.4 27.6





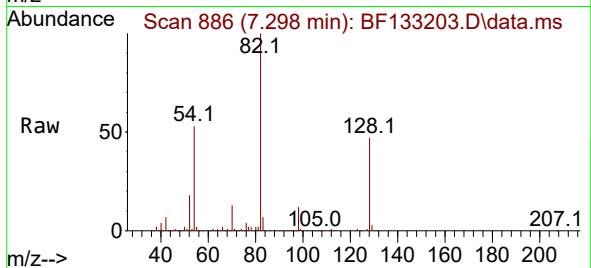
#23
Nitrobenzene-d5
Concen: 69.349 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Instrument :

BNA_F

ClientSampleId :

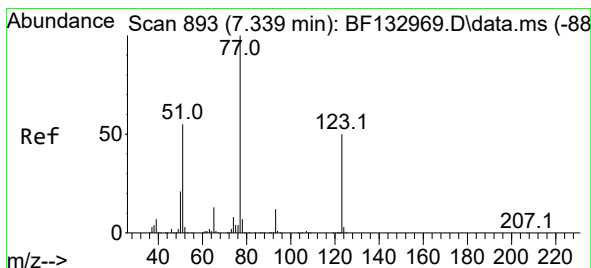
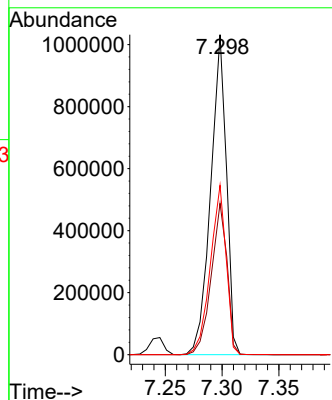
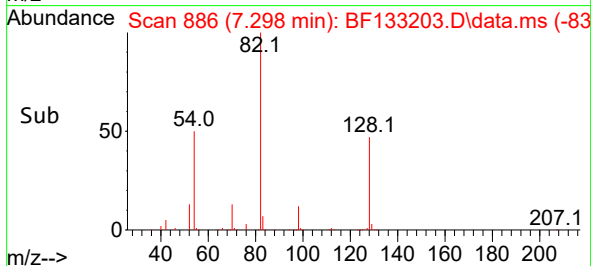
PB152548BS



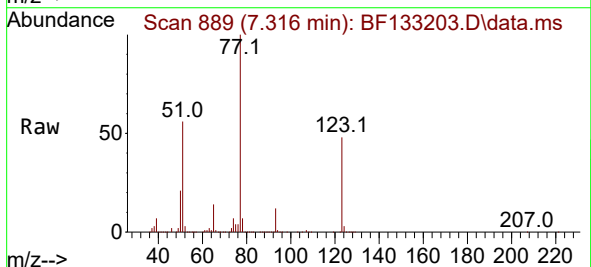
Tgt Ion: 82 Resp: 992178
Ion Ratio Lower Upper
82 100
128 47.3 37.7 56.5
54 53.0 43.0 64.4

Manual Integrations
APPROVED

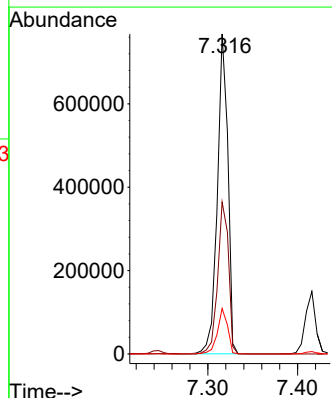
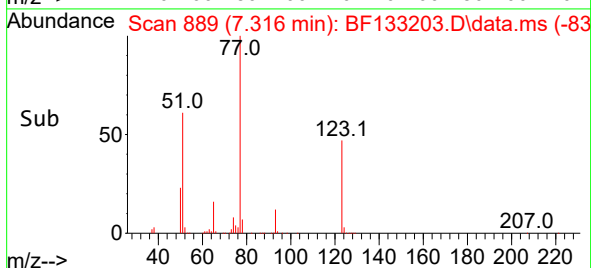
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

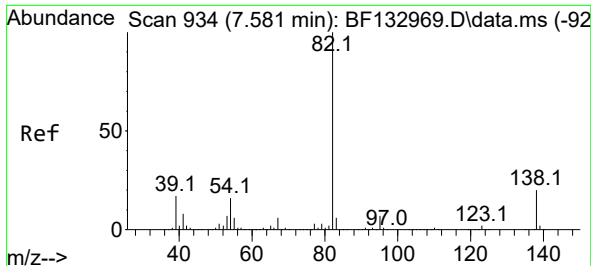


#24
Nitrobenzene
Concen: 43.017 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58



Tgt Ion: 77 Resp: 623645
Ion Ratio Lower Upper
77 100
123 47.5 39.9 59.9
65 14.2 10.7 16.1





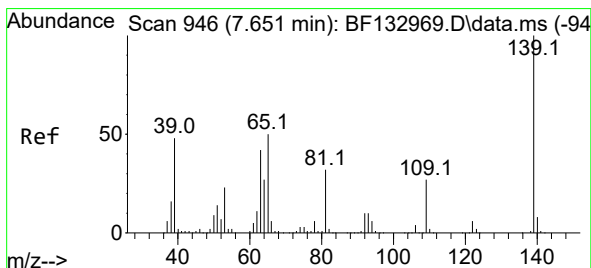
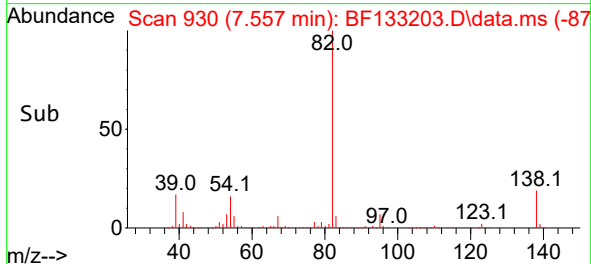
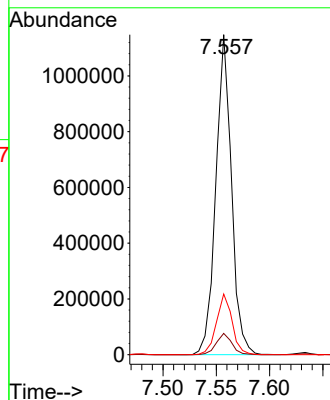
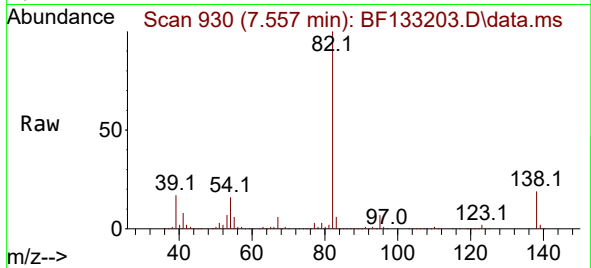
#25
Isophorone
Concen: 42.998 ng
RT: 7.557 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Instrument :
BNA_F
ClientSampleId :
PB152548BS

Tgt Ion: 82 Resp: 1168004
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 18.9 16.0 24.0

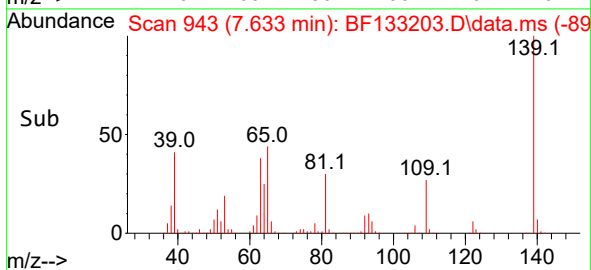
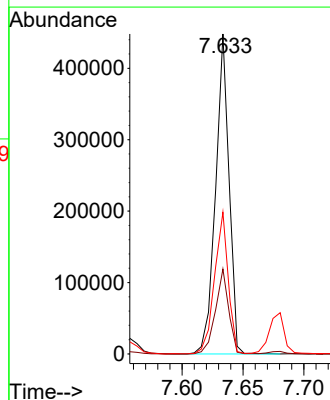
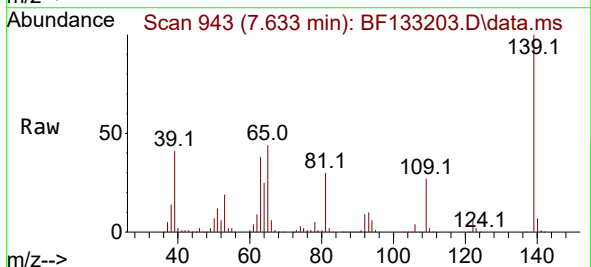
Manual Integrations
APPROVED

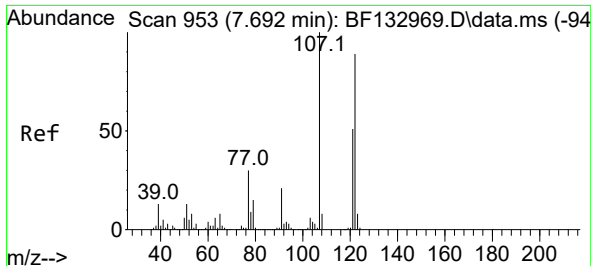
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#26
2-Nitrophenol
Concen: 49.234 ng
RT: 7.633 min Scan# 943
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Tgt Ion:139 Resp: 344275
Ion Ratio Lower Upper
139 100
109 26.6 21.6 32.4
65 44.3 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 45.941 ng

RT: 7.681 min Scan# 91

Delta R.T. 0.005 min

Lab File: BF133203.D

Acq: 03 May 2023 12:58

Instrument :

BNA_F

ClientSampleId :

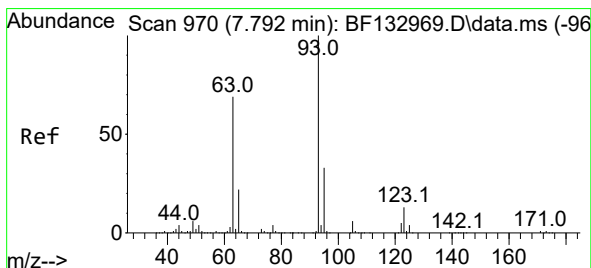
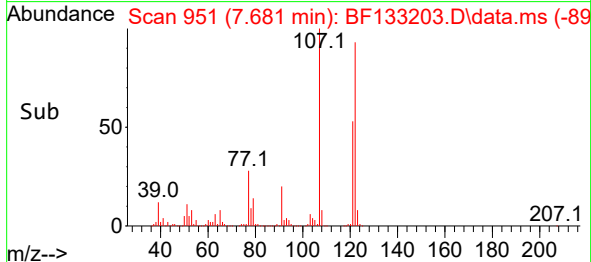
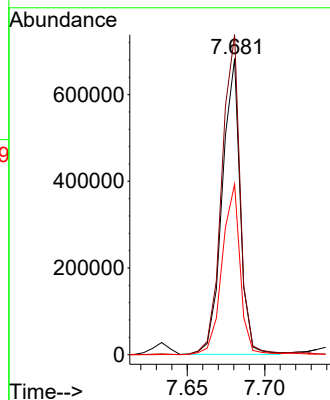
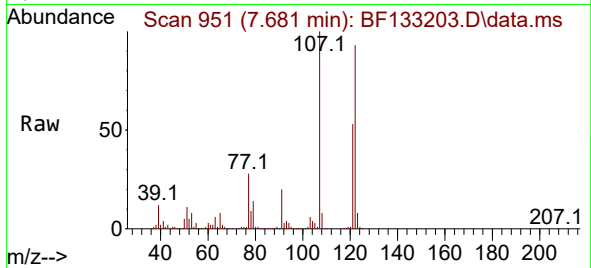
PB152548BS

Tgt Ion:122 Resp: 550850
 Ion Ratio Lower Upper
 122 100
 107 108.1 89.7 134.5
 121 57.5 46.0 69.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/04/2023
 Supervised By :Jagrut Upadhyay 05/04/2023



#28

bis(2-Chloroethoxy)methane

Concen: 43.771 ng

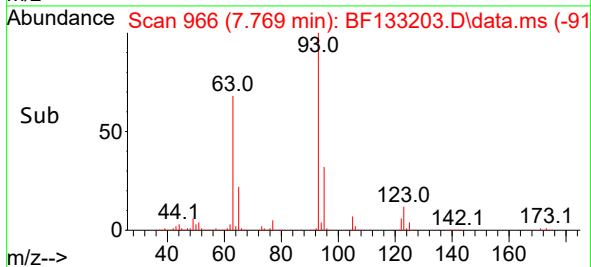
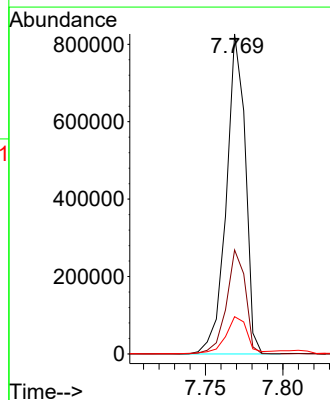
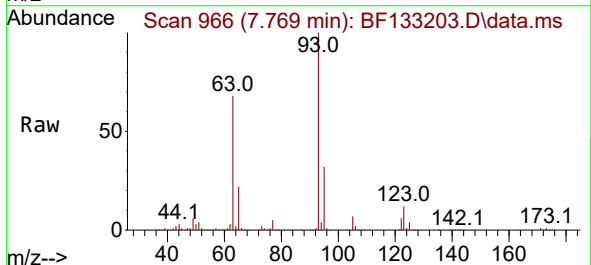
RT: 7.769 min Scan# 966

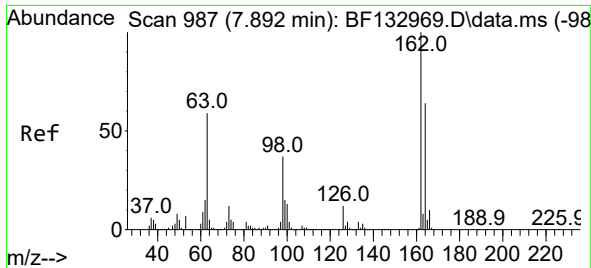
Delta R.T. -0.000 min

Lab File: BF133203.D

Acq: 03 May 2023 12:58

Tgt Ion: 93 Resp: 703397
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.4 39.6
 123 11.6 10.3 15.5





#29
2,4-Dichlorophenol
Concen: 46.623 ng
RT: 7.880 min Scan# 991
Delta R.T. 0.005 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Instrument :

BNA_F

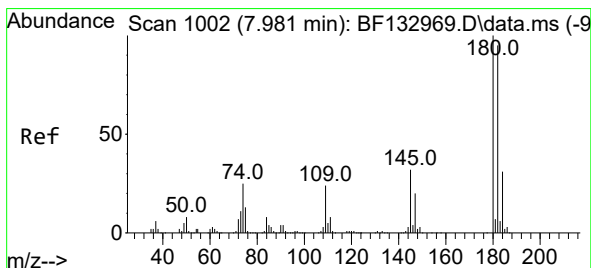
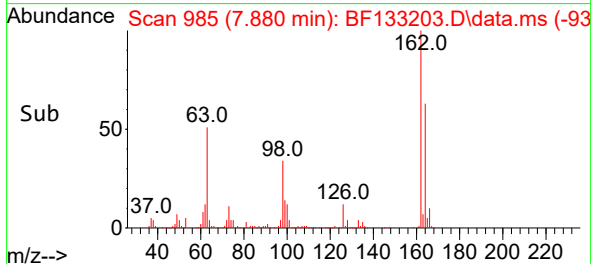
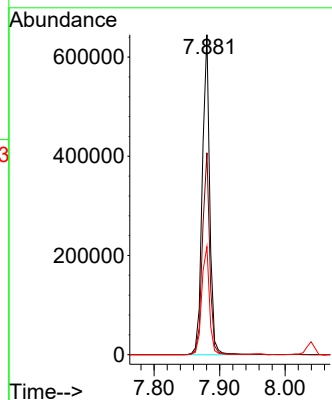
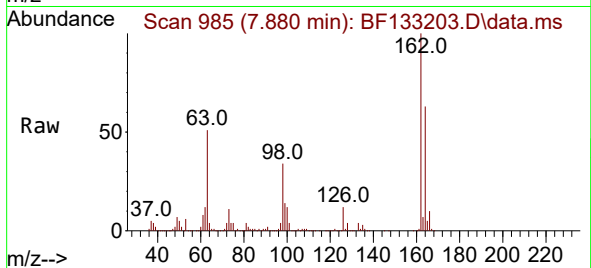
ClientSampleId :

PB152548BS

Tgt Ion:162 Resp: 508909
Ion Ratio Lower Upper
162 100
164 63.1 43.9 83.9
98 33.7 17.0 57.0

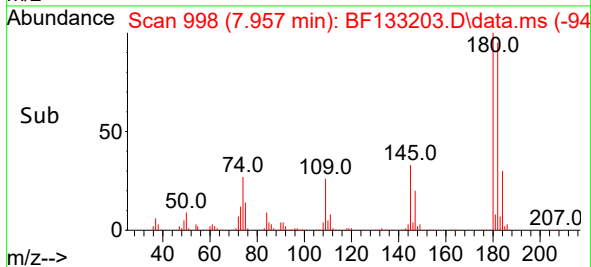
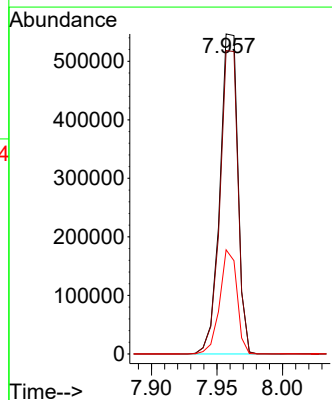
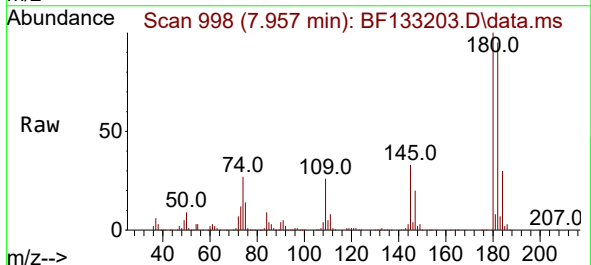
Manual Integrations
APPROVED

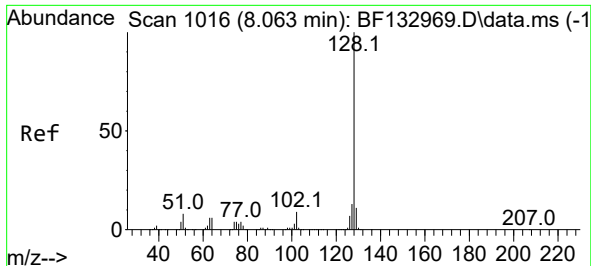
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#30
1,2,4-Trichlorobenzene
Concen: 46.124 ng
RT: 7.957 min Scan# 998
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Tgt Ion:180 Resp: 521589
Ion Ratio Lower Upper
180 100
182 94.8 75.9 113.9
145 32.5 25.3 37.9





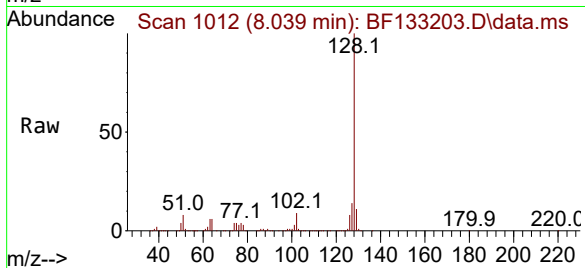
#31
Naphthalene
Concen: 43.915 ng
RT: 8.039 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB152548BS

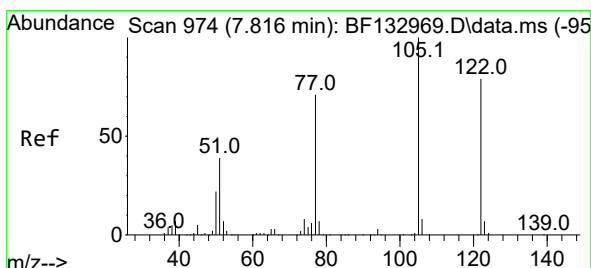
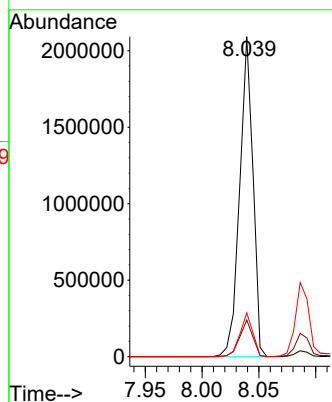
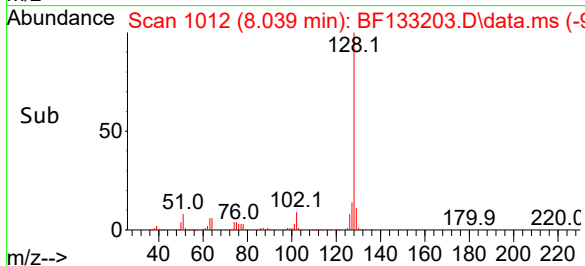


Tgt Ion:128 Resp: 169555
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.7 10.7 16.1

Manual Integrations

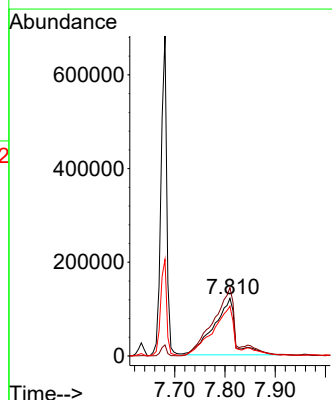
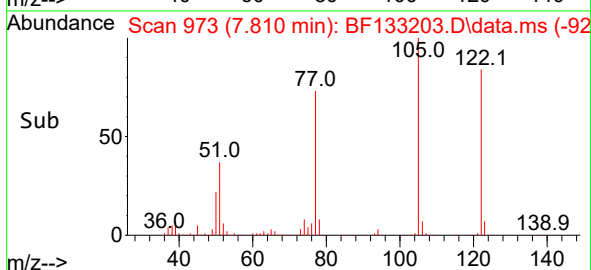
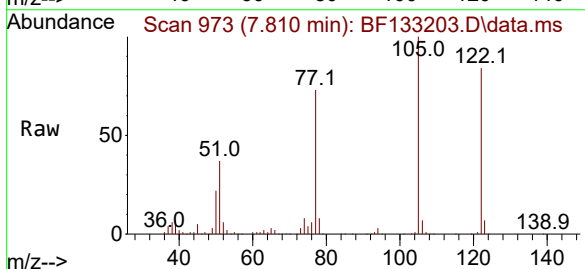
APPROVED

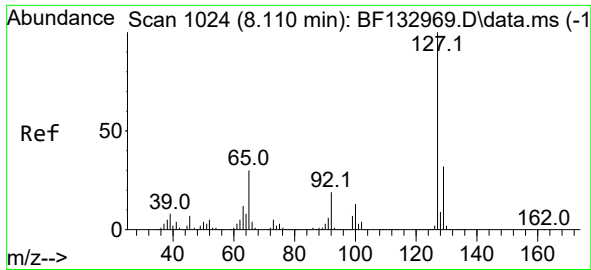
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#32
Benzoic acid
Concen: 49.714 ng m
RT: 7.810 min Scan# 973
Delta R.T. 0.011 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Tgt Ion:122 Resp: 368198
Ion Ratio Lower Upper
122 100
105 118.7 104.2 144.2
77 86.5 69.7 109.7





#33
4-Chloroaniline
Concen: 27.965 ng
RT: 8.086 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Instrument :

BNA_F

ClientSampleId :

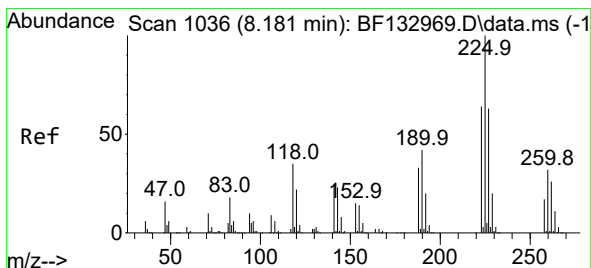
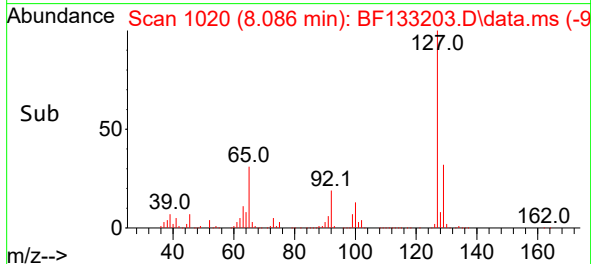
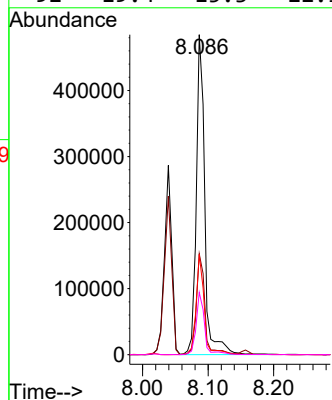
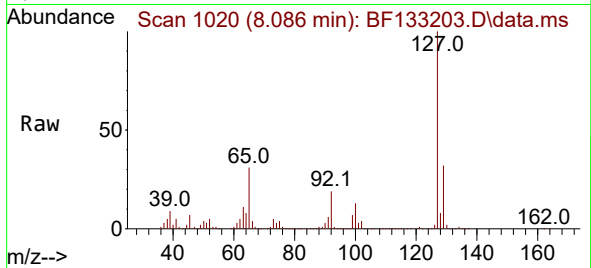
PB152548BS

Tgt Ion:127 Resp: 436248
Ion Ratio Lower Upper
127 100
129 31.6 25.8 38.8
65 31.3 23.6 35.4
92 19.4 15.3 22.9

Manual Integrations

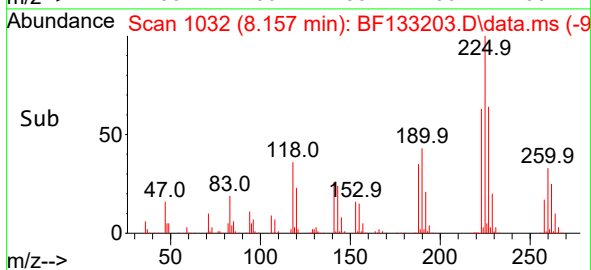
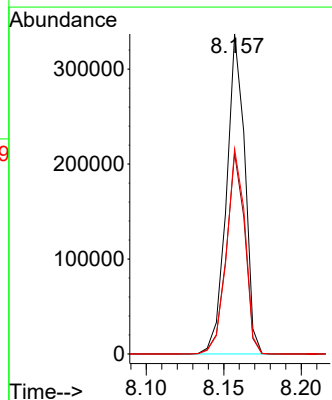
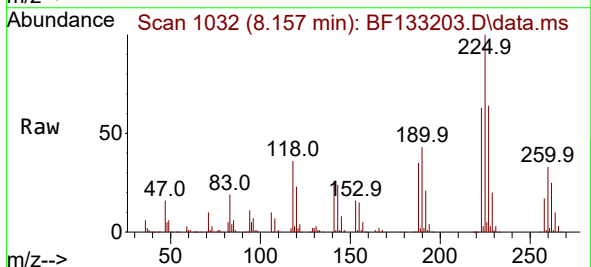
APPROVED

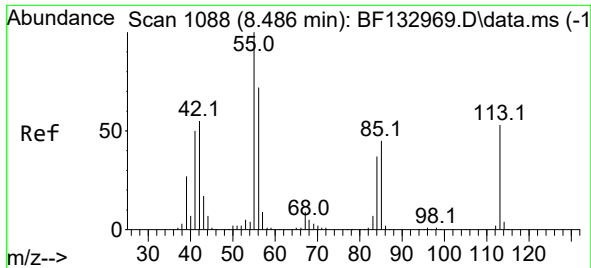
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#34
Hexachlorobutadiene
Concen: 44.257 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

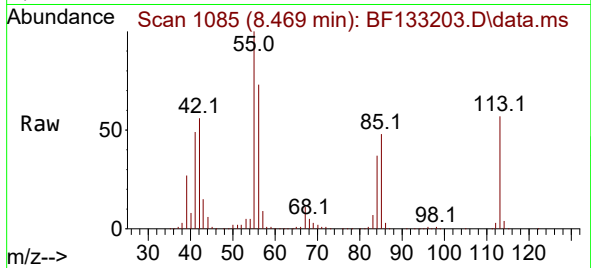
Tgt Ion:225 Resp: 277384
Ion Ratio Lower Upper
225 100
223 62.7 50.9 76.3
227 64.1 50.3 75.5





#35
Caprolactam
Concen: 50.142 ng m
RT: 8.469 min Scan# 1085
Delta R.T. 0.005 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

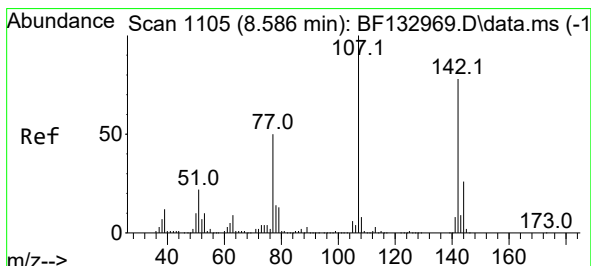
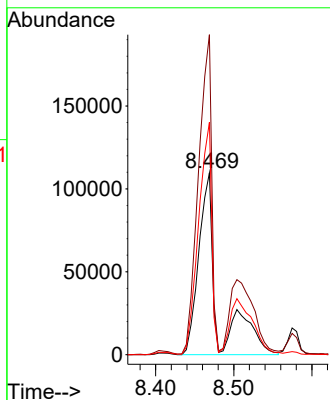
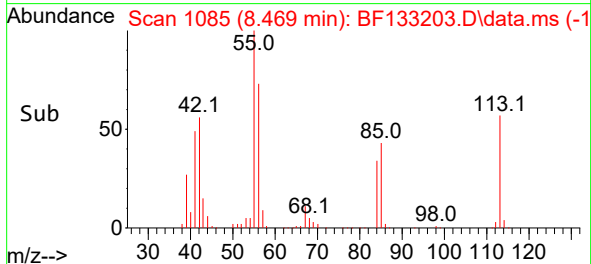
Instrument :
BNA_F
ClientSampleId :
PB152548BS



Tgt Ion:113 Resp: 18386
Ion Ratio Lower Upper
113 100
55 176.0 167.1 207.1
56 127.8 114.5 154.5

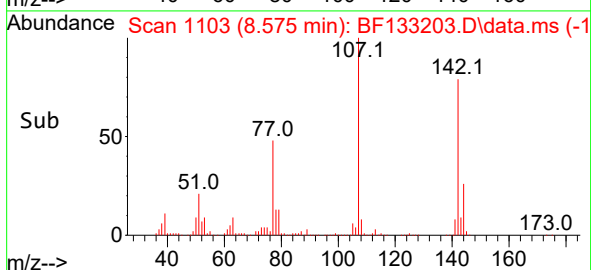
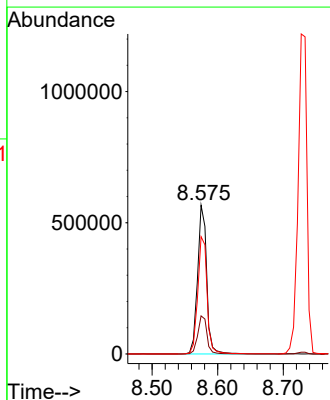
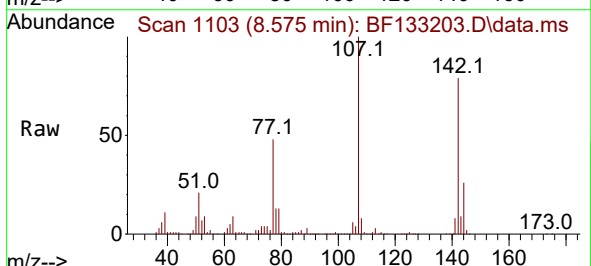
Manual Integrations
APPROVED

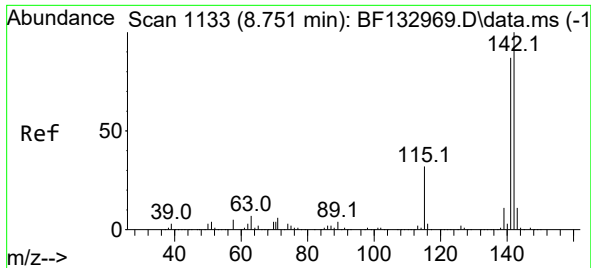
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#36
4-Chloro-3-methylphenol
Concen: 46.647 ng
RT: 8.575 min Scan# 1103
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Tgt Ion:107 Resp: 549079
Ion Ratio Lower Upper
107 100
144 25.7 20.6 30.8
142 79.0 62.8 94.2





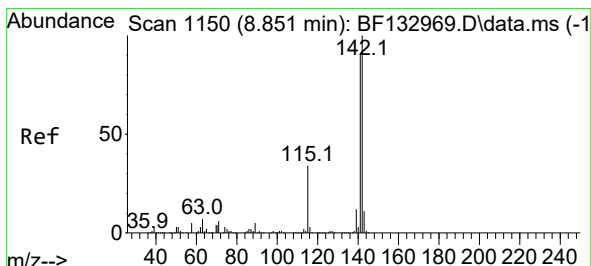
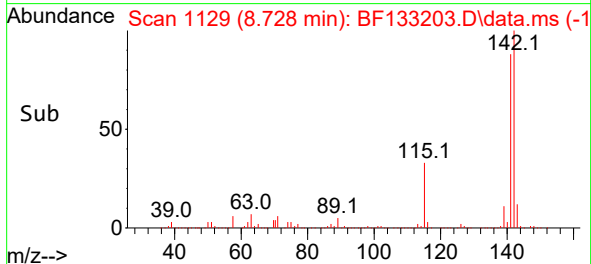
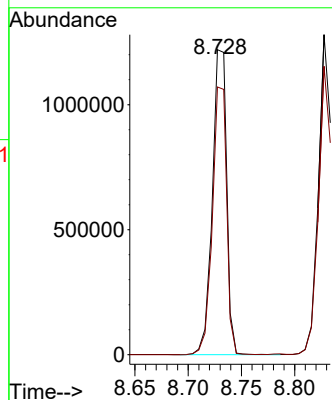
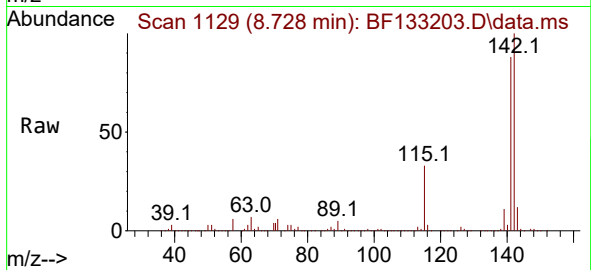
#37
2-Methylnaphthalene
Concen: 43.215 ng
RT: 8.728 min Scan# 1129
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Instrument :
BNA_F
ClientSampleId :
PB152548BS

Tgt Ion:142 Resp: 114072
Ion Ratio Lower Upper
142 100
141 87.8 69.4 104.0

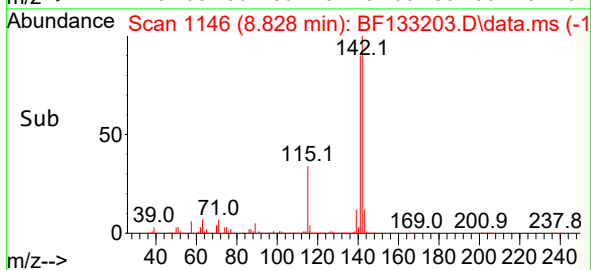
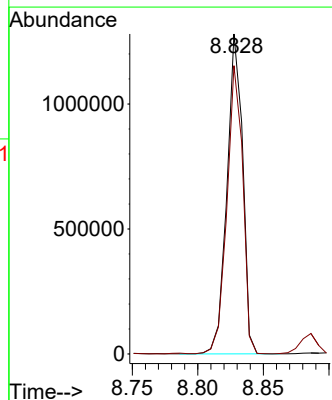
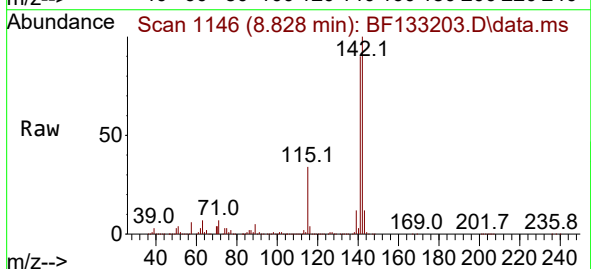
Manual Integrations
APPROVED

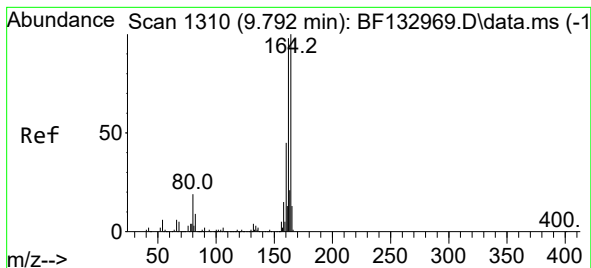
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#38
1-Methylnaphthalene
Concen: 43.057 ng
RT: 8.828 min Scan# 1146
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Tgt Ion:142 Resp: 1063226
Ion Ratio Lower Upper
142 100
141 90.1 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1158

Delta R.T. -0.000 min

Lab File: BF133203.D

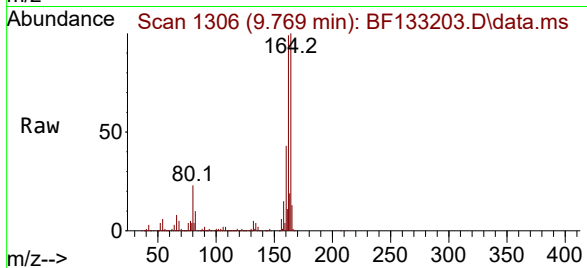
Acq: 03 May 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB152548BS



Tgt Ion:164 Resp: 416279

Ion Ratio Lower Upper

164 100

162 99.3 78.7 118.1

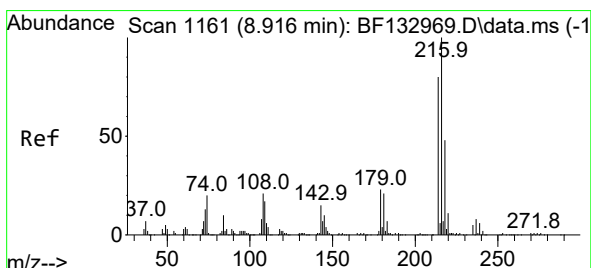
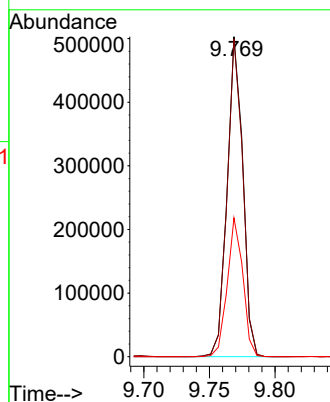
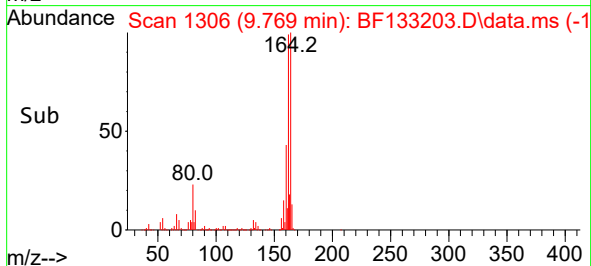
160 43.3 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/04/2023

Supervised By :Jagrut Upadhyay 05/04/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.897 ng

RT: 8.898 min Scan# 1158

Delta R.T. -0.000 min

Lab File: BF133203.D

Acq: 03 May 2023 12:58

Tgt Ion:216 Resp: 457740

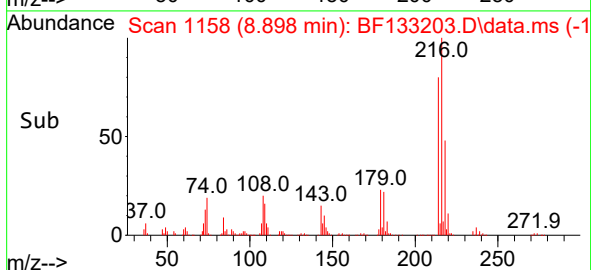
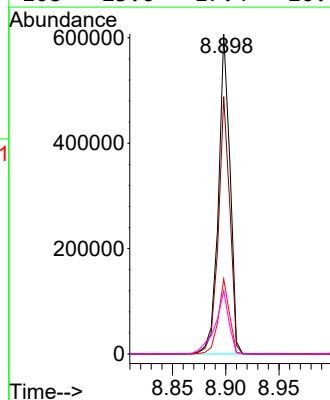
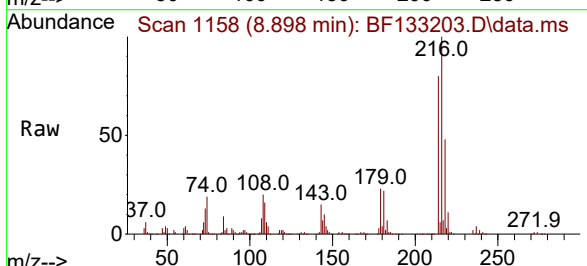
Ion Ratio Lower Upper

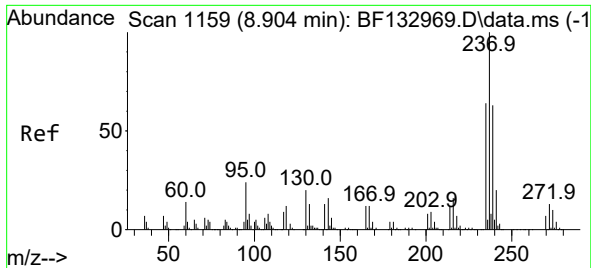
216 100

214 79.6 63.5 95.3

179 22.5 17.4 26.2

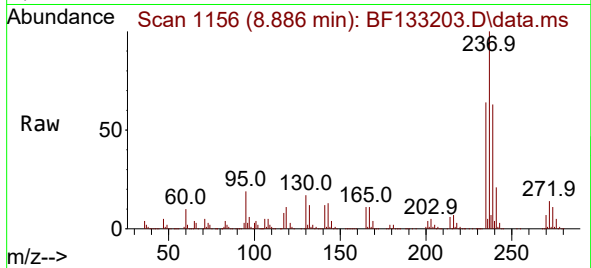
108 23.6 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 92.892 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.005 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

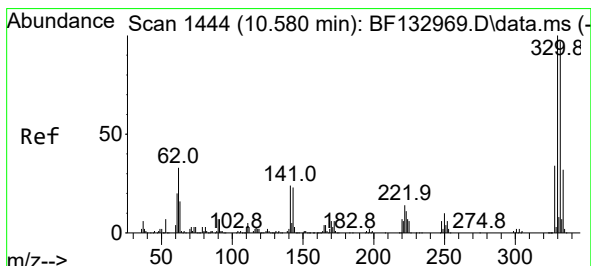
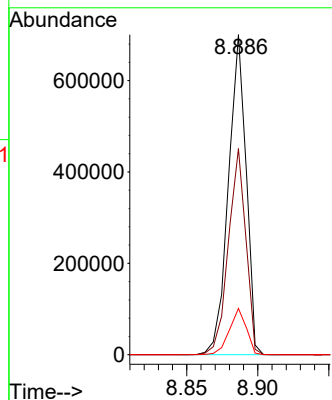
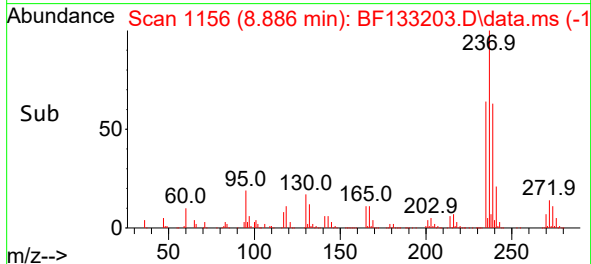
Instrument :
BNA_F
ClientSampleId :
PB152548BS



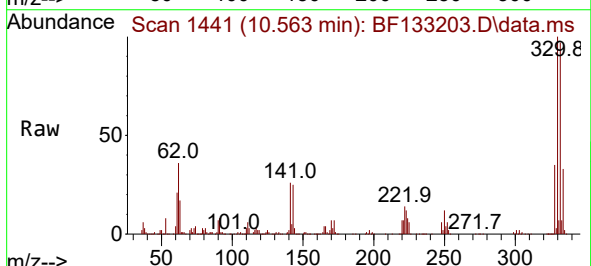
Tgt Ion: 237 Resp: 606360
Ion Ratio Lower Upper
237 100
235 64.4 43.5 83.5
272 14.4 0.0 32.7

Manual Integrations
APPROVED

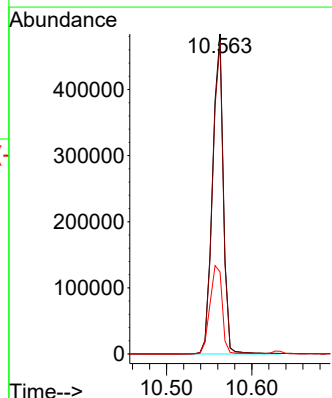
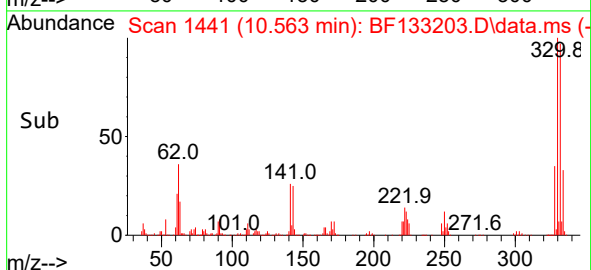
Reviewed By : Christian Giraldo 05/04/2023
Supervised By : Jagrut Upadhyay 05/04/2023

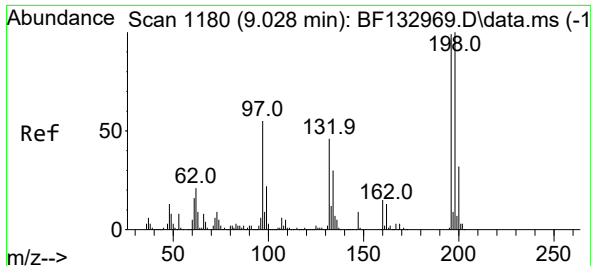


#42
2,4,6-Tribromophenol
Concen: 101.564 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.006 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58



Tgt Ion: 330 Resp: 425197
Ion Ratio Lower Upper
330 100
332 97.5 77.1 115.7
141 31.4 25.8 38.8





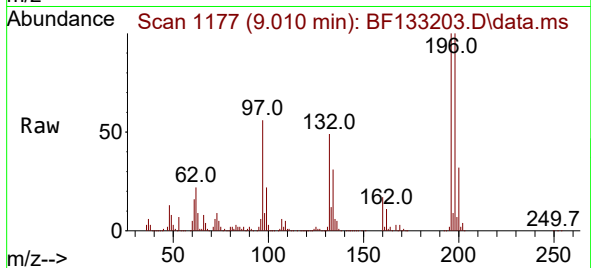
#43
2,4,6-Trichlorophenol
Concen: 43.524 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB152548BS

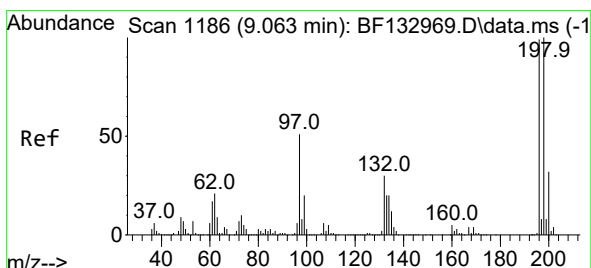
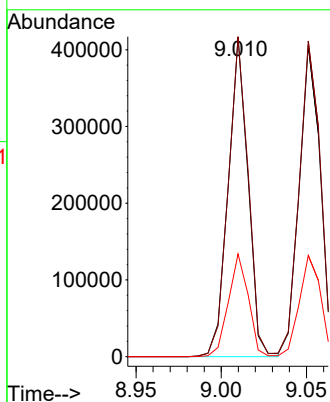
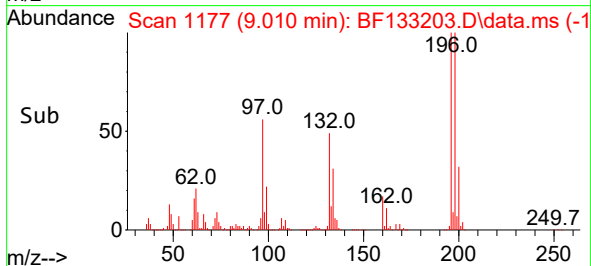


Tgt Ion:196 Resp: 33689
Ion Ratio Lower Upper
196 100
198 100.1 81.0 121.6
200 32.1 26.1 39.1

Manual Integrations

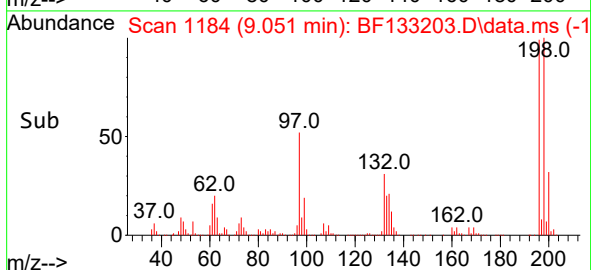
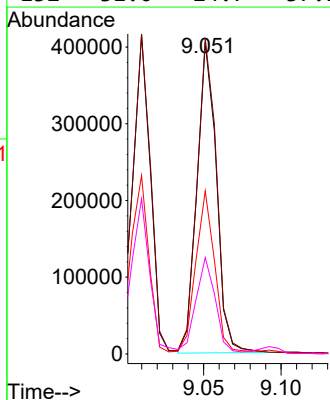
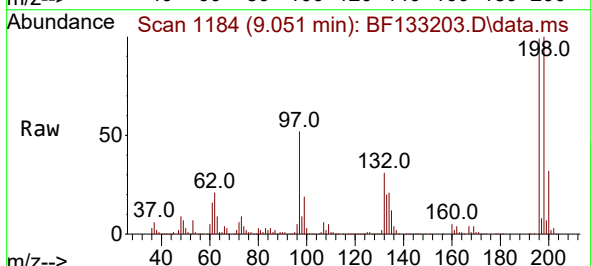
APPROVED

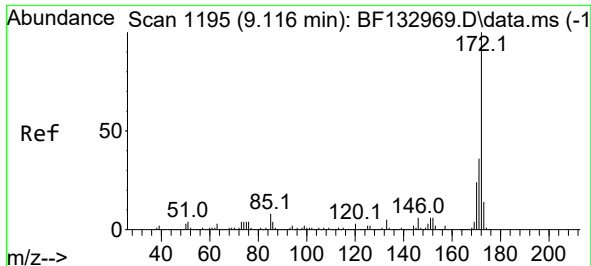
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#44
2,4,5-Trichlorophenol
Concen: 39.424 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Tgt Ion:196 Resp: 352928
Ion Ratio Lower Upper
196 100
198 101.4 80.9 121.3
97 52.4 41.3 61.9
132 31.0 24.7 37.1





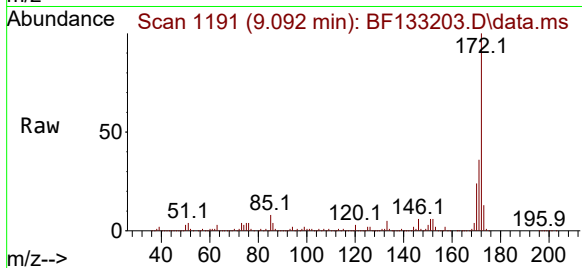
#45
2-Fluorobiphenyl
Concen: 70.864 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB152548BS

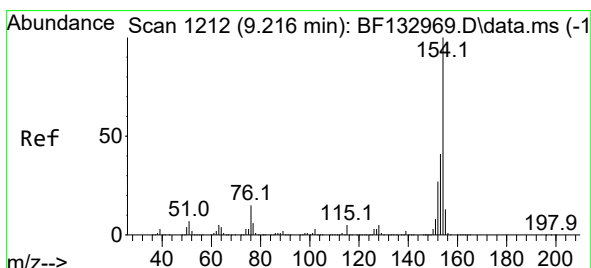
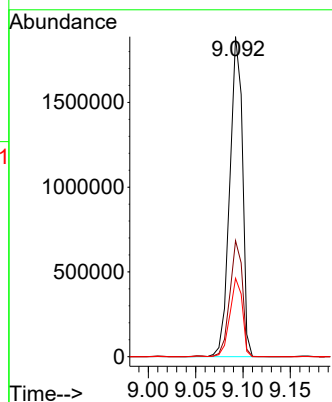
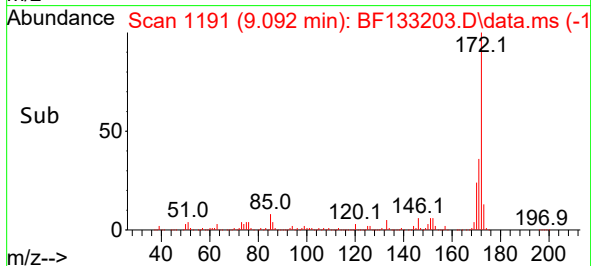


Tgt Ion:172 Resp: 176326
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 24.5 19.4 29.2

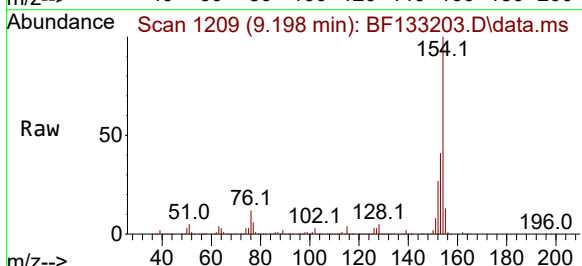
Manual Integrations

APPROVED

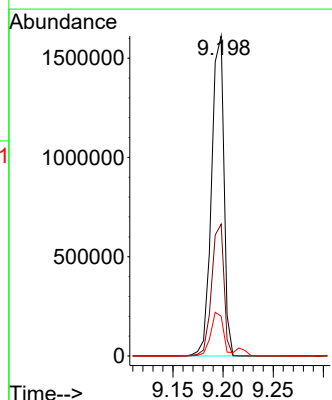
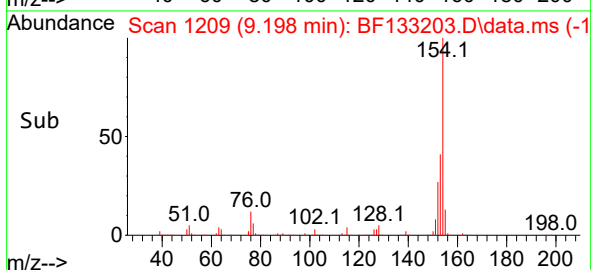
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

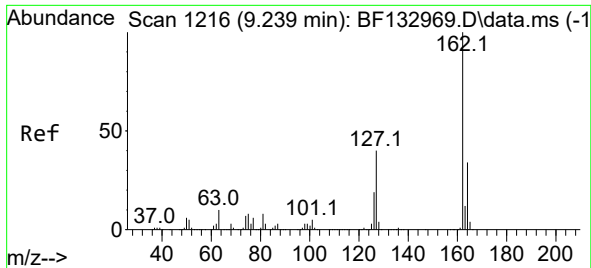


#46
1,1'-Biphenyl
Concen: 41.968 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.006 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58



Tgt Ion:154 Resp: 1385312
Ion Ratio Lower Upper
154 100
153 41.2 21.0 61.0
76 12.4 0.0 34.5





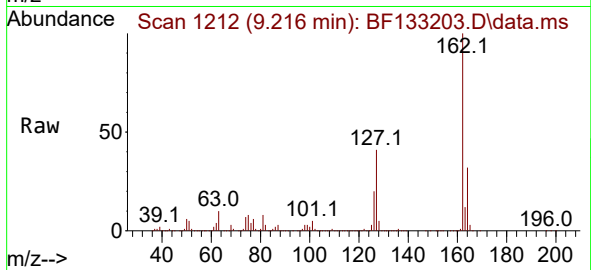
#47
2-Chloronaphthalene
Concen: 43.497 ng
RT: 9.216 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB152548BS

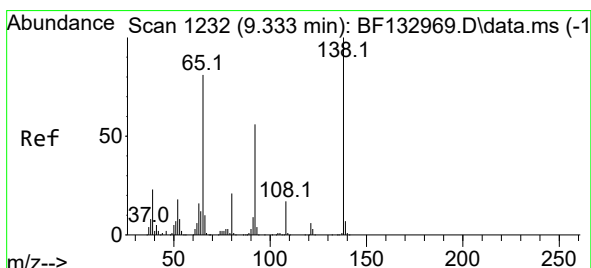
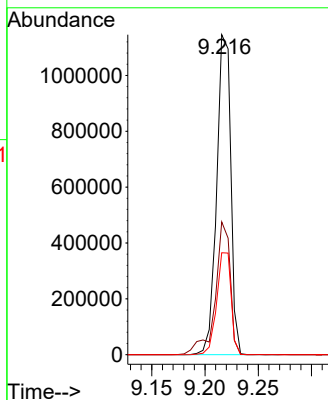
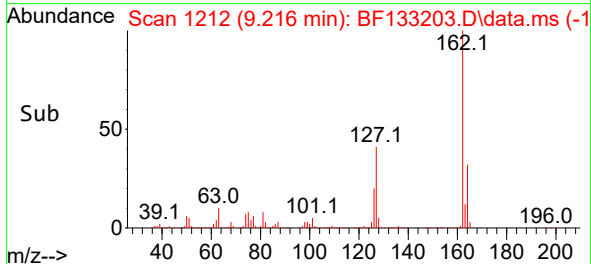


Tgt Ion:162 Resp: 1050920
Ion Ratio Lower Upper
162 100
127 41.5 32.3 48.5
164 31.9 26.8 40.2

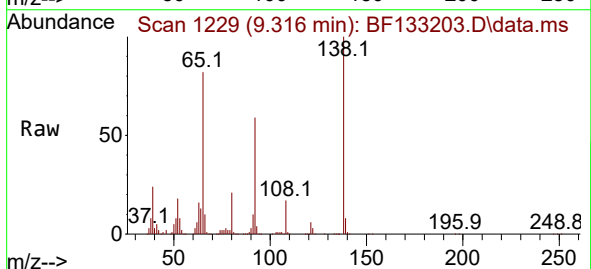
Manual Integrations

APPROVED

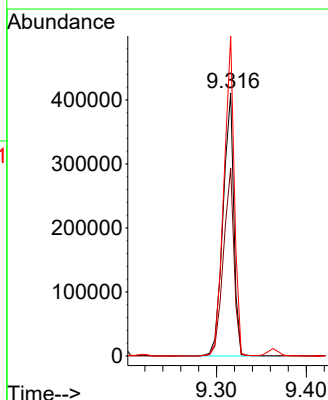
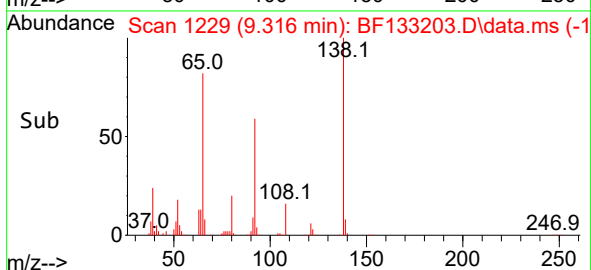
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

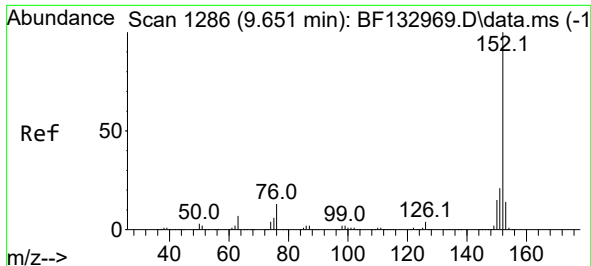


#48
2-Nitroaniline
Concen: 42.999 ng
RT: 9.316 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58



Tgt Ion: 65 Resp: 343342
Ion Ratio Lower Upper
65 100
92 71.5 55.4 83.0
138 121.7 98.2 147.2





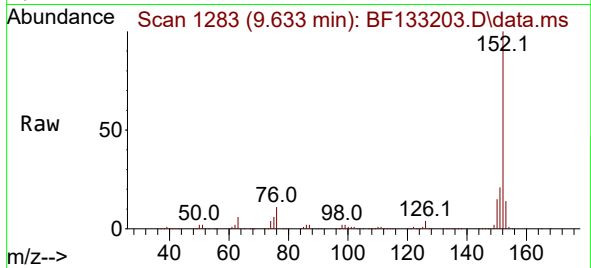
#49
Acenaphthylene
Concen: 42.794 ng
RT: 9.633 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB152548BS

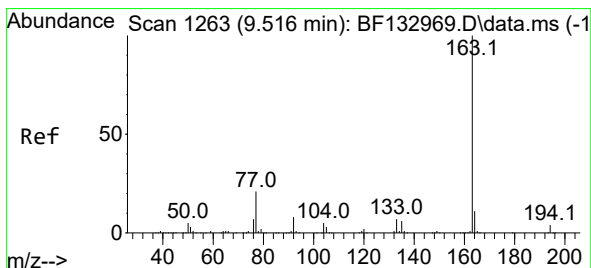
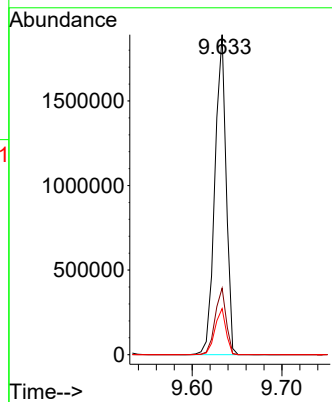
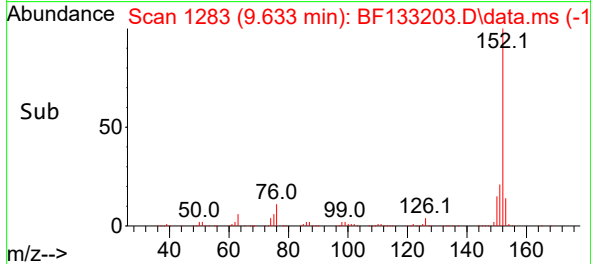


Tgt Ion:152 Resp: 1652060
Ion Ratio Lower Upper
152 100
151 20.8 16.6 24.8
153 14.4 11.5 17.3

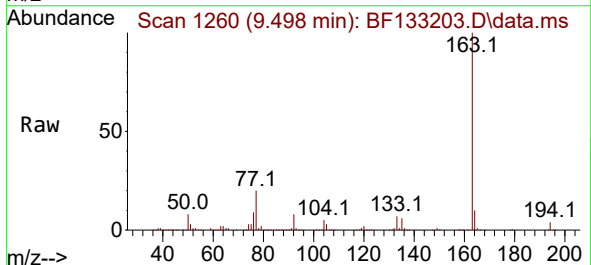
Manual Integrations

APPROVED

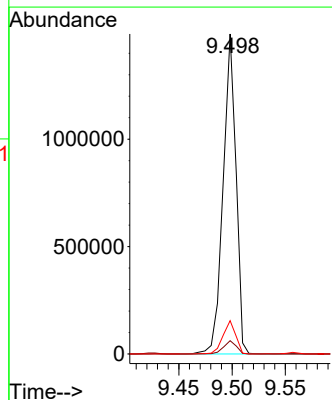
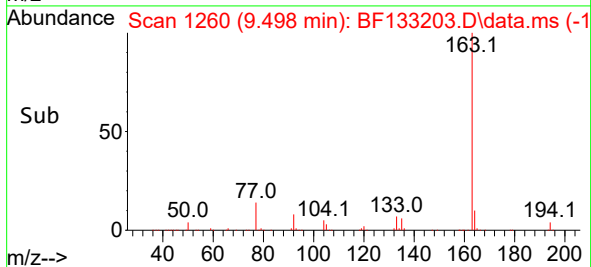
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

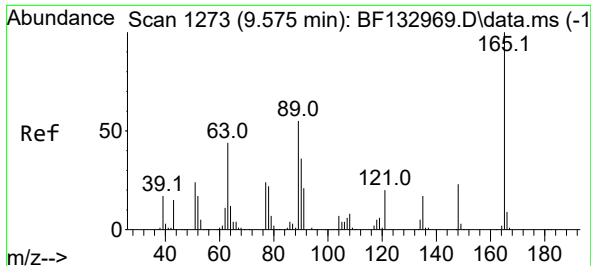


#50
Dimethylphthalate
Concen: 42.963 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58



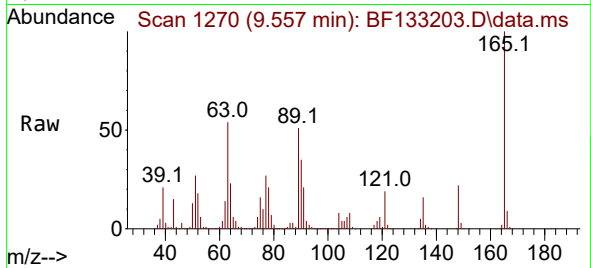
Tgt Ion:163 Resp: 1247053
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.4 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 44.768 ng
RT: 9.557 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

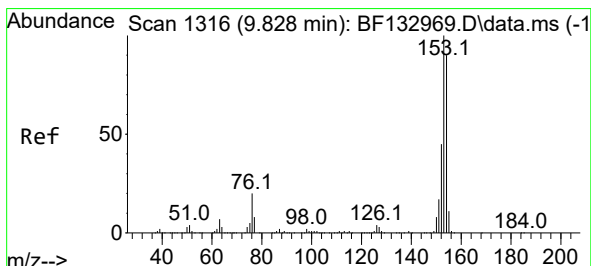
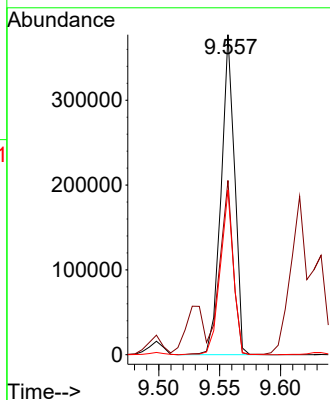
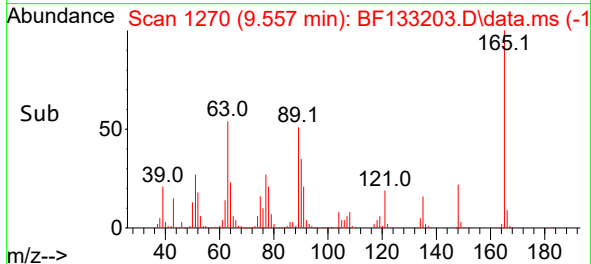
Instrument :
BNA_F
ClientSampleId :
PB152548BS



Tgt Ion:165 Resp: 29247
Ion Ratio Lower Upper
165 100
63 54.5 45.9 68.9
89 51.5 44.0 66.0

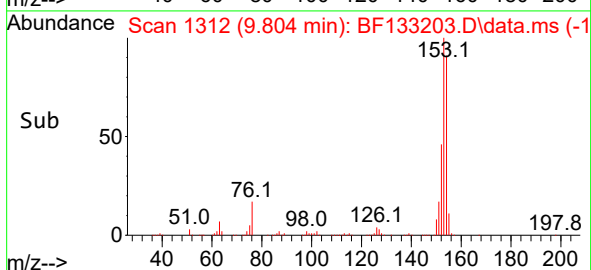
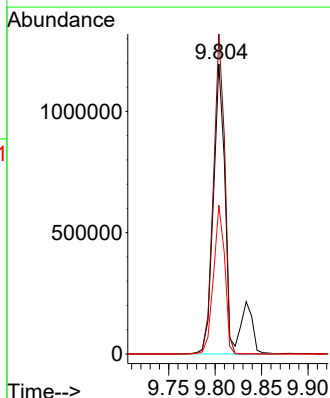
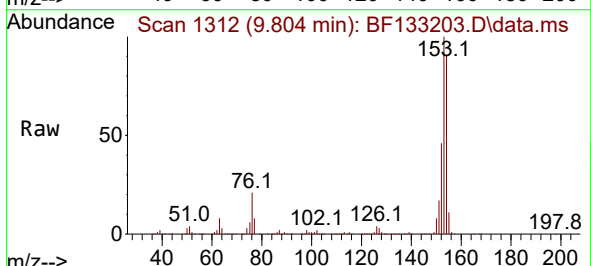
Manual Integrations
APPROVED

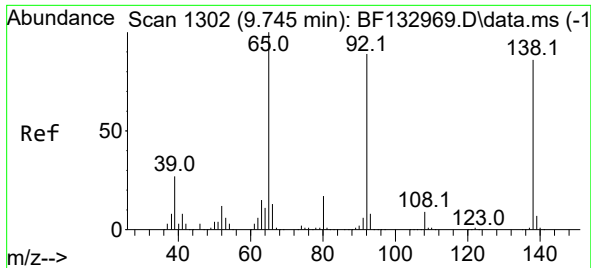
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#52
Acenaphthene
Concen: 46.539 ng m
RT: 9.804 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Tgt Ion:154 Resp: 1203285
Ion Ratio Lower Upper
154 100
153 110.4 89.0 133.6
152 51.3 40.4 60.6





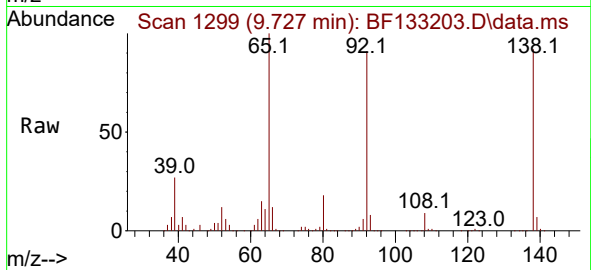
#53
3-Nitroaniline
Concen: 33.759 ng
RT: 9.727 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB152548BS

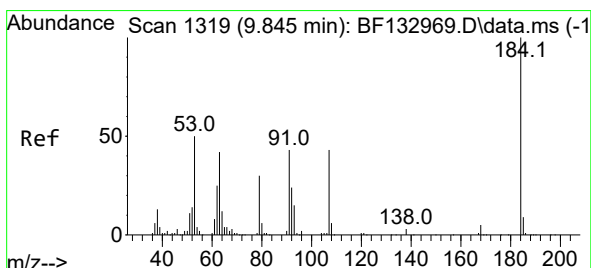
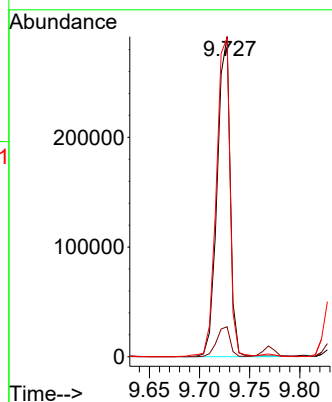
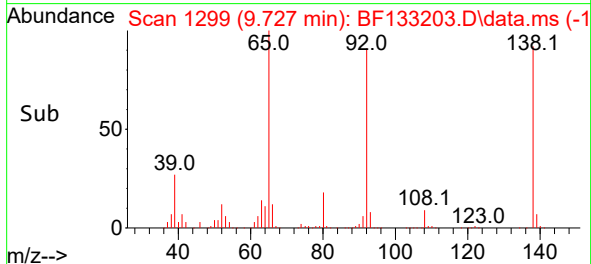


Tgt Ion:138 Resp: 26224
Ion Ratio Lower Upper
138 100
108 9.3 8.0 12.0
92 99.6 83.6 125.4

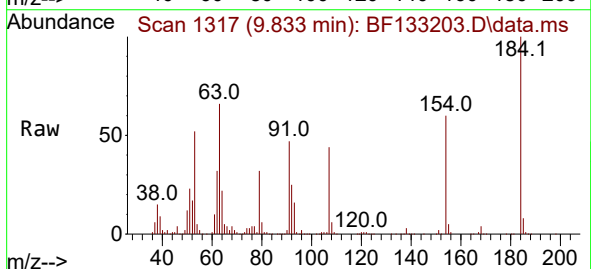
Manual Integrations

APPROVED

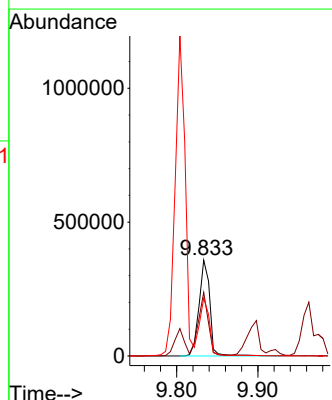
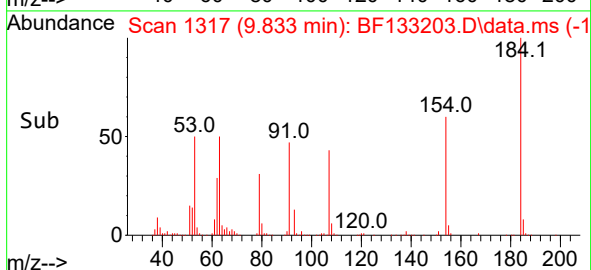
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

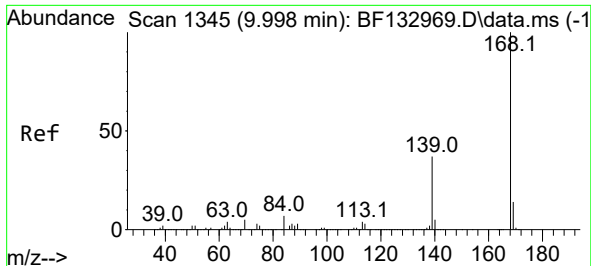


#54
2,4-Dinitrophenol
Concen: 101.300 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.005 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58



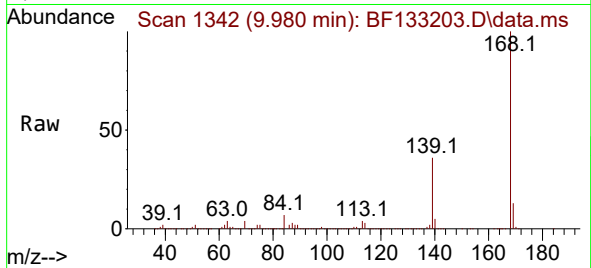
Tgt Ion:184 Resp: 332654
Ion Ratio Lower Upper
184 100
63 66.4 49.8 74.8
154 60.2 49.5 74.3





#55
Dibenzofuran
Concen: 42.070 ng
RT: 9.980 min Scan# 1345
Delta R.T. 0.005 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

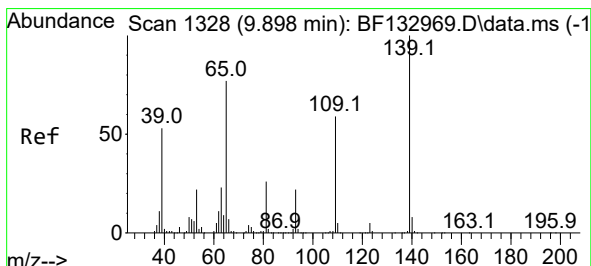
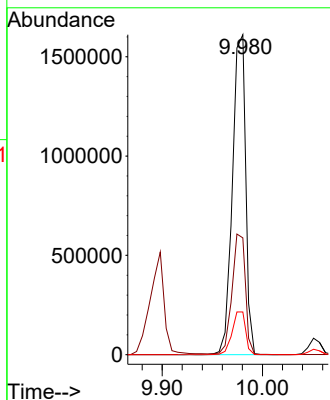
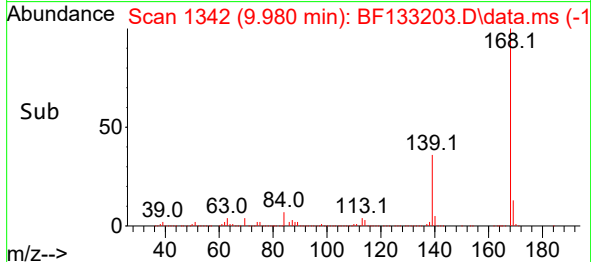
Instrument :
BNA_F
ClientSampleId :
PB152548BS



Tgt Ion:168 Resp: 1483770
Ion Ratio Lower Upper
168 100
139 36.5 29.8 44.8
169 13.3 10.8 16.2

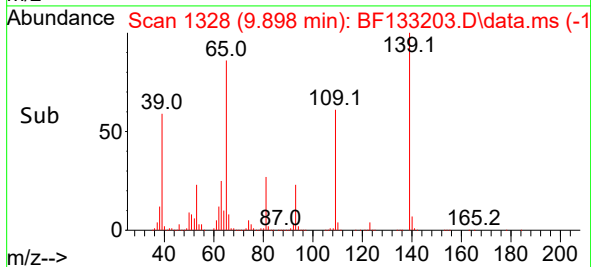
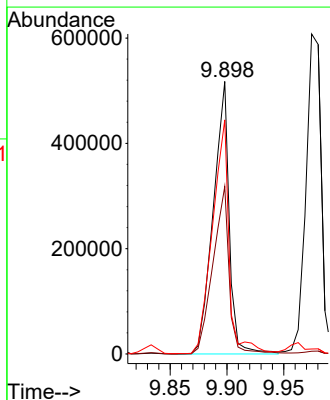
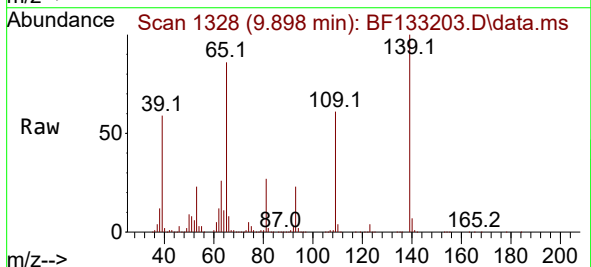
Manual Integrations
APPROVED

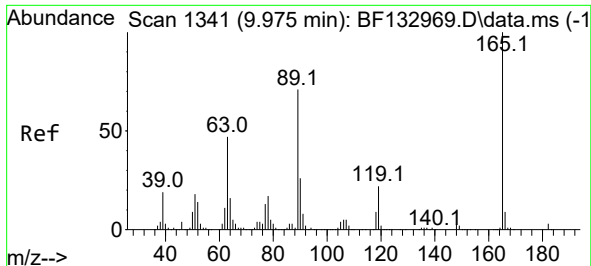
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#56
4-Nitrophenol
Concen: 84.574 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.011 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Tgt Ion:139 Resp: 508834
Ion Ratio Lower Upper
139 100
109 61.5 39.4 79.4
65 85.9 57.5 97.5





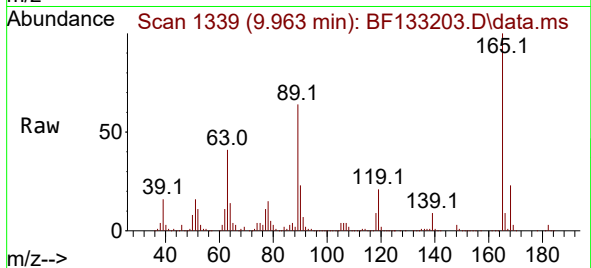
#57
2,4-Dinitrotoluene
Concen: 45.571 ng
RT: 9.963 min Scan# 11
Delta R.T. 0.005 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB152548BS

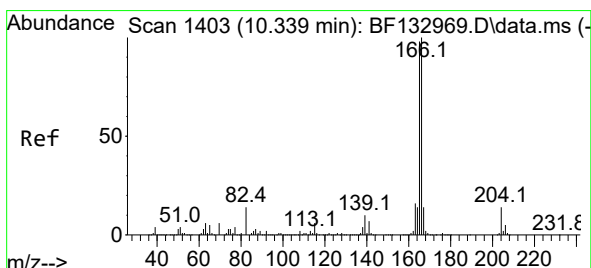
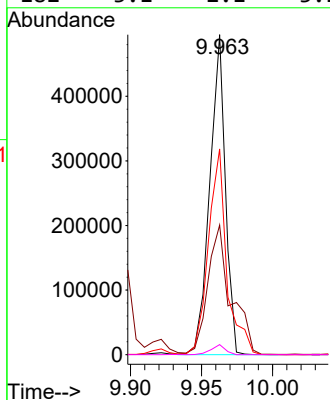
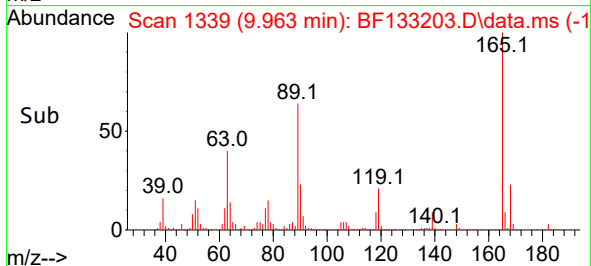


Tgt Ion:165 Resp: 37967
Ion Ratio Lower Upper
165 100
63 40.5 37.7 56.5
89 64.3 57.0 85.4
182 3.1 2.1 3.1#

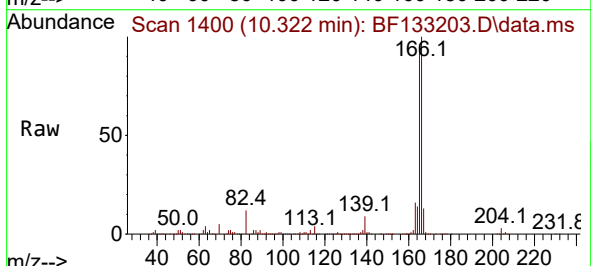
Manual Integrations

APPROVED

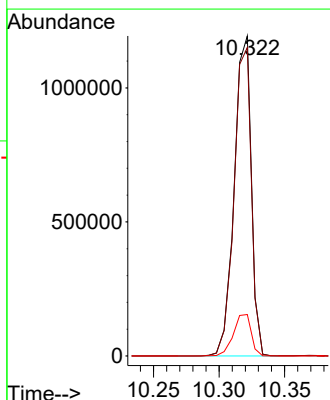
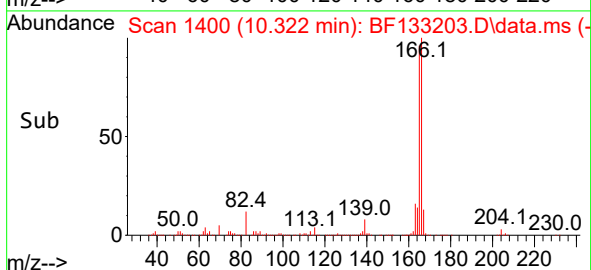
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

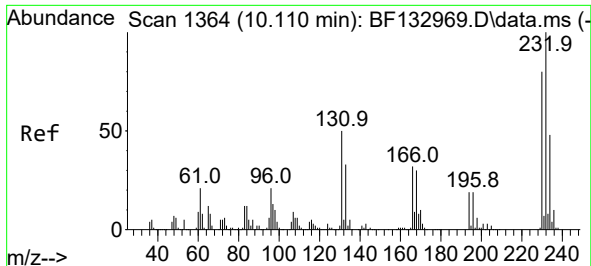


#58
Fluorene
Concen: 41.865 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.005 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58



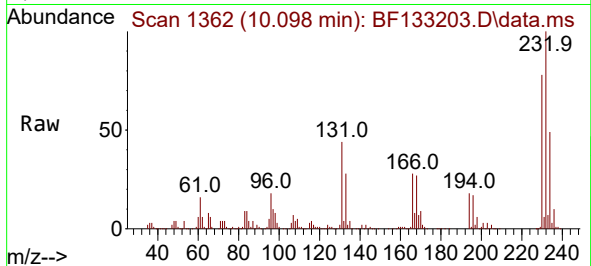
Tgt Ion:166 Resp: 1081791
Ion Ratio Lower Upper
166 100
165 96.4 78.6 117.8
167 12.9 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.927 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.005 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

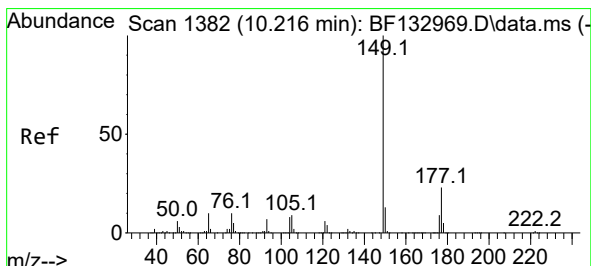
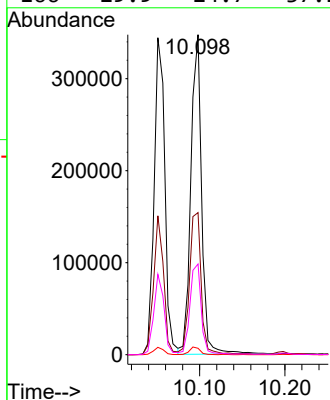
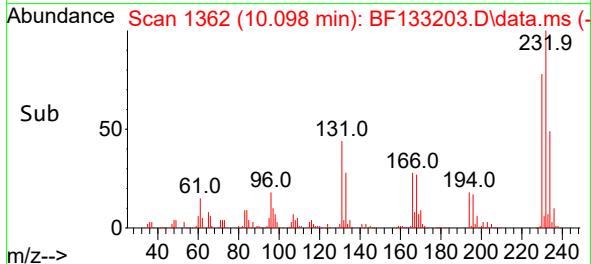
Instrument :
BNA_F
ClientSampleId :
PB152548BS



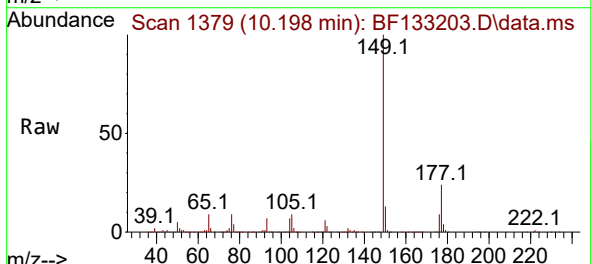
Tgt Ion:232 Resp: 30485
Ion Ratio Lower Upper
232 100
131 47.8 38.0 57.0
130 2.4 1.8 2.8
166 29.9 24.7 37.1

Manual Integrations
APPROVED

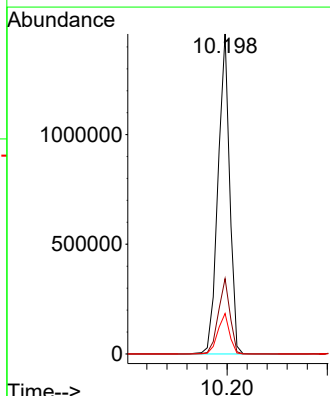
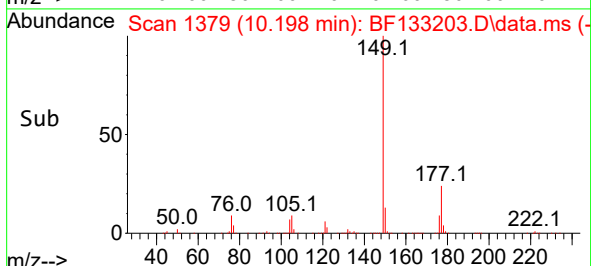
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

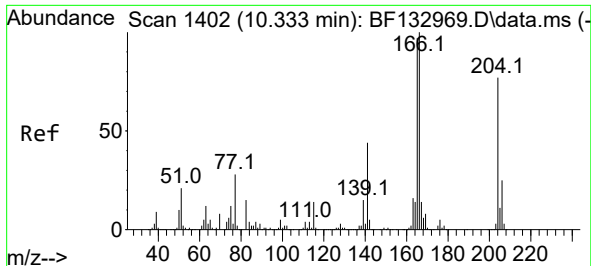


#60
Diethylphthalate
Concen: 42.686 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.005 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58



Tgt Ion:149 Resp: 1170341
Ion Ratio Lower Upper
149 100
177 23.6 18.2 27.4
150 12.7 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 40.860 ng
RT: 10.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Instrument :

BNA_F

ClientSampleId :

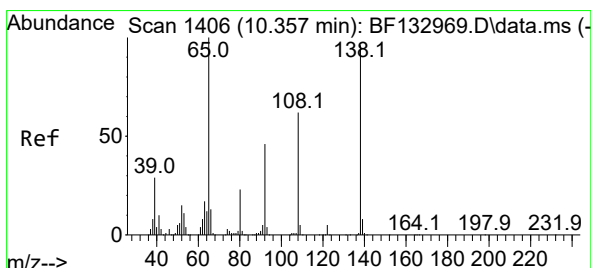
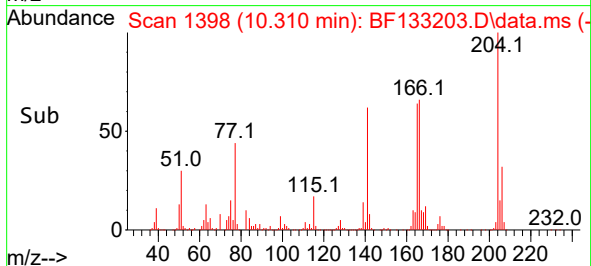
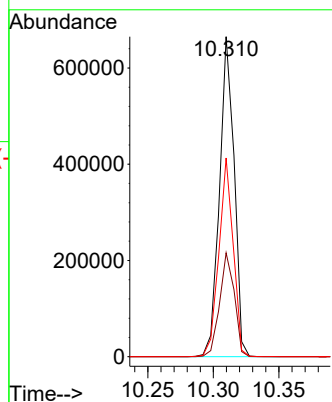
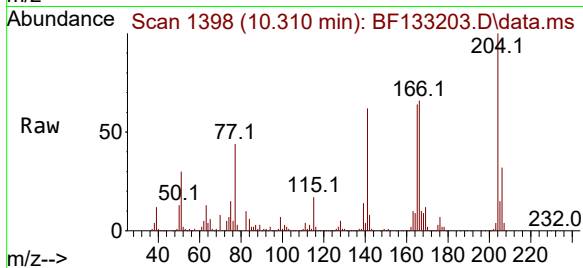
PB152548BS

Tgt Ion:204 Resp: 51452
Ion Ratio Lower Upper
204 100
206 32.4 26.1 39.1
141 62.1 46.1 69.1

Manual Integrations

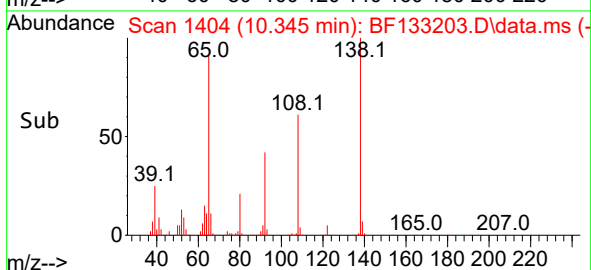
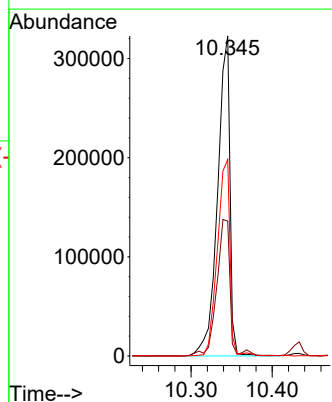
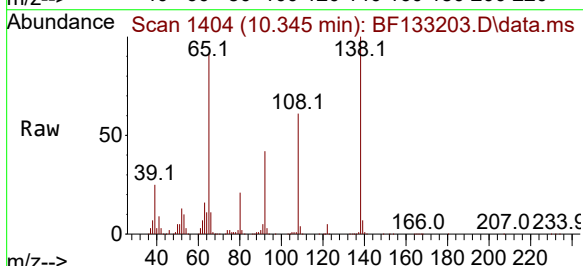
APPROVED

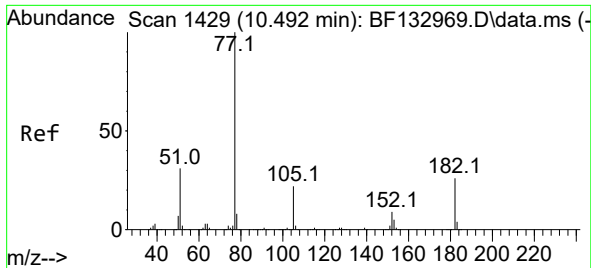
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#62
4-Nitroaniline
Concen: 47.811 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Tgt Ion:138 Resp: 341349
Ion Ratio Lower Upper
138 100
92 42.2 27.7 67.7
108 61.4 45.2 85.2





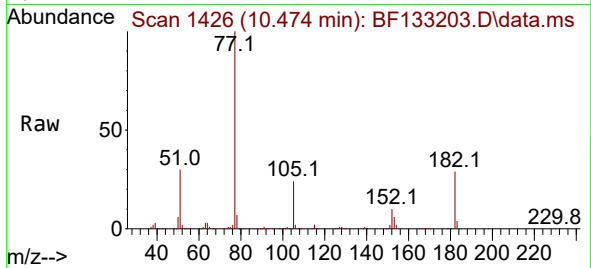
#63
Azobenzene
Concen: 40.906 ng
RT: 10.474 min Scan# 1429
Delta R.T. 0.005 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB152548BS

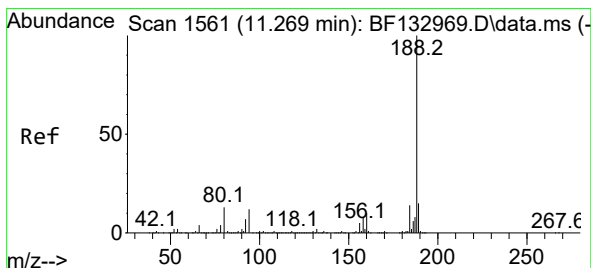
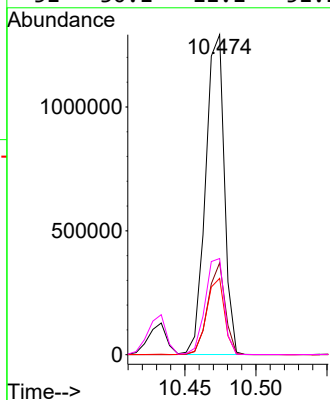
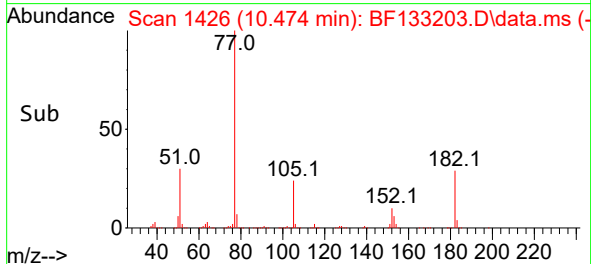


Tgt Ion: 77 Resp: 118807
Ion Ratio Lower Upper
77 100
182 28.7 5.9 45.9
105 23.8 2.3 42.3
51 30.1 11.1 51.1

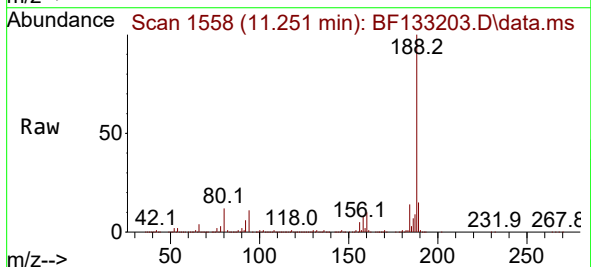
Manual Integrations

APPROVED

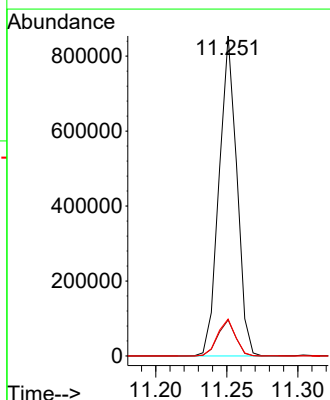
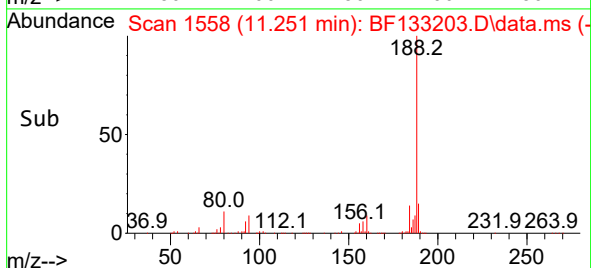
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

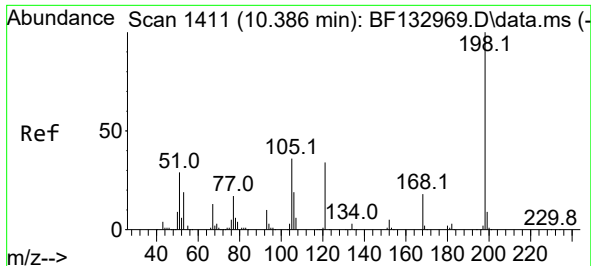


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1558
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58



Tgt Ion:188 Resp: 743010
Ion Ratio Lower Upper
188 100
94 11.2 9.7 14.5
80 11.6 10.4 15.6





#65
4,6-Dinitro-2-methylphenol
Concen: 49.610 ng
RT: 10.369 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Instrument :

BNA_F

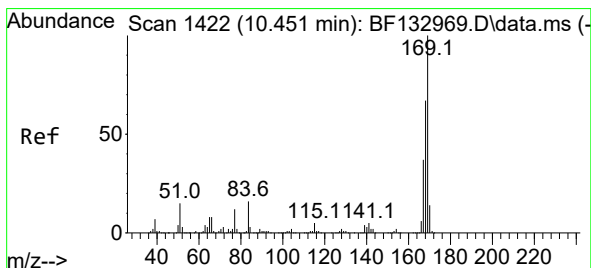
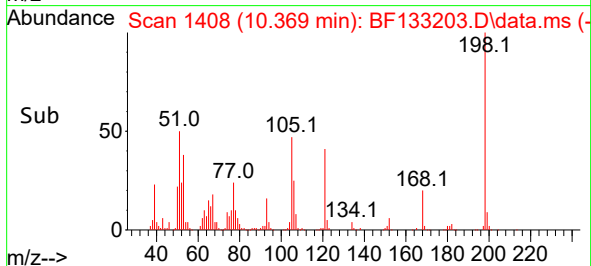
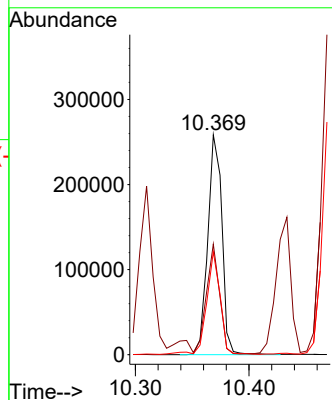
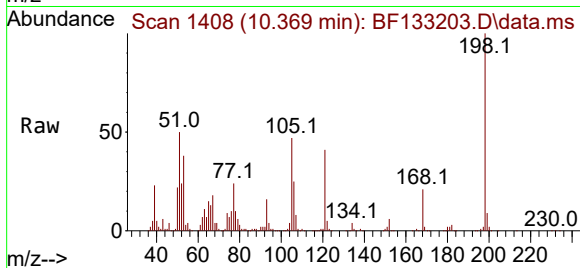
ClientSampleId :

PB152548BS

Tgt Ion:198 Resp: 22342
Ion Ratio Lower Upper
198 100
51 50.3 15.5 55.5
105 46.8 16.7 56.7

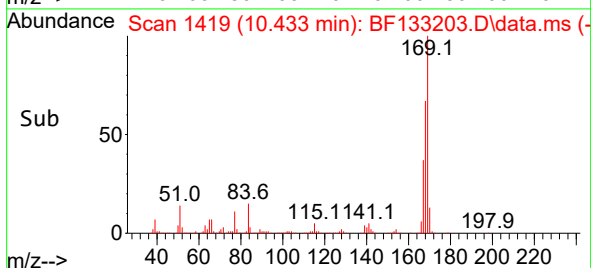
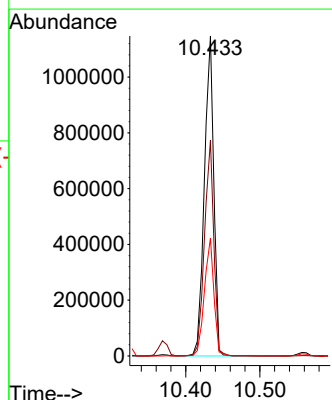
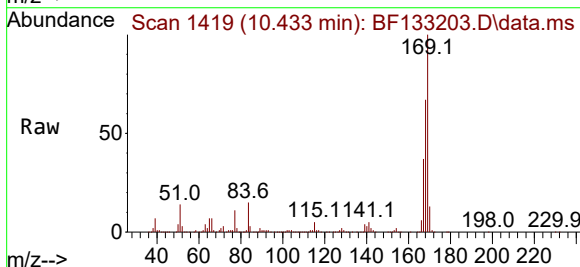
Manual Integrations
APPROVED

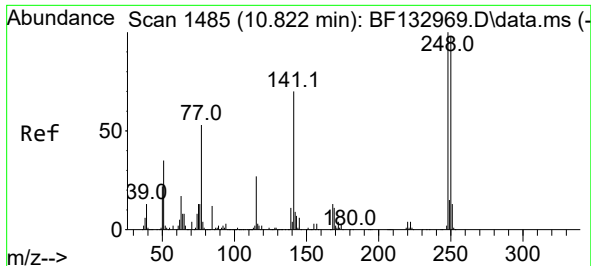
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#66
n-Nitrosodiphenylamine
Concen: 42.012 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Tgt Ion:169 Resp: 1012544
Ion Ratio Lower Upper
169 100
168 67.4 53.8 80.8
167 36.9 29.7 44.5





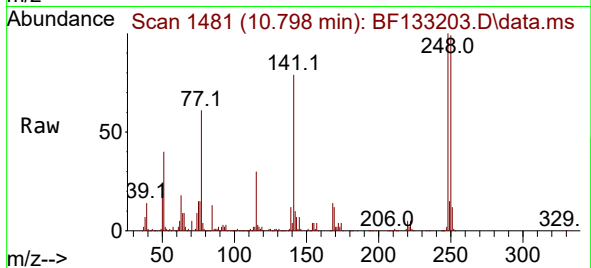
#67
4-Bromophenyl-phenylether
Concen: 41.432 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB152548BS

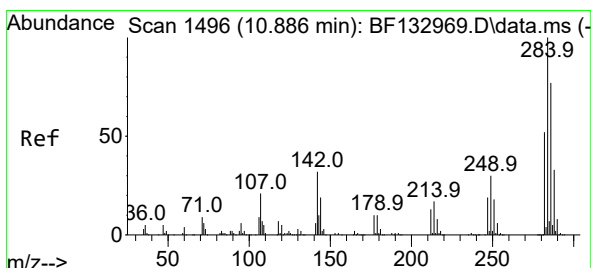
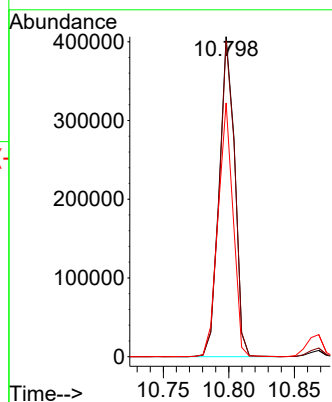
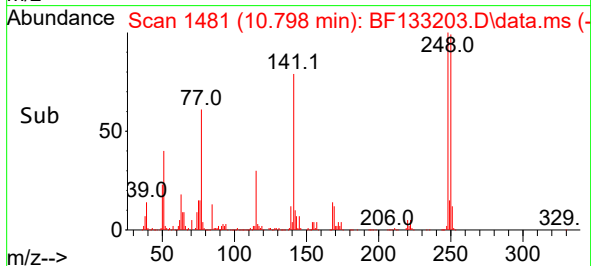


Tgt Ion:248 Resp: 333874
Ion Ratio Lower Upper
248 100
250 98.7 78.7 118.1
141 79.3 56.3 84.5

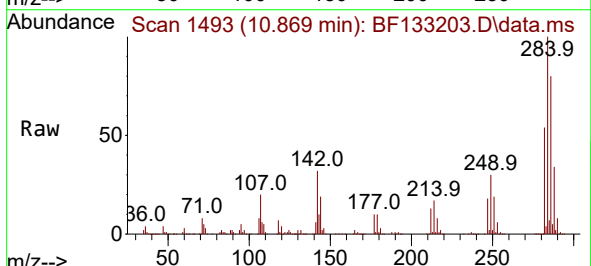
Manual Integrations

APPROVED

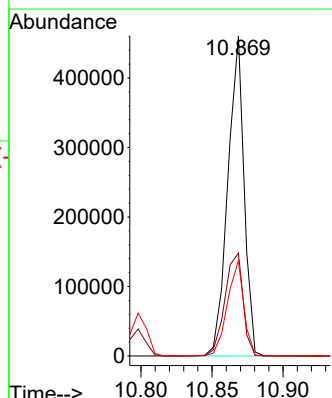
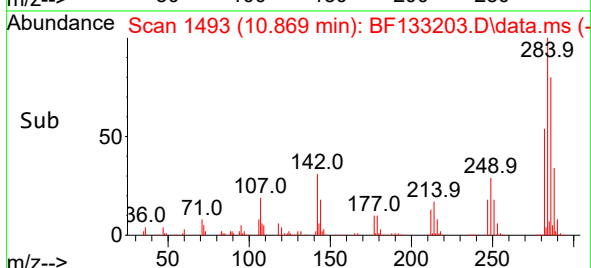
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

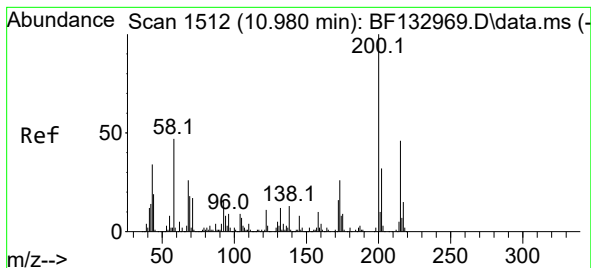


#68
Hexachlorobenzene
Concen: 44.398 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58



Tgt Ion:284 Resp: 366610
Ion Ratio Lower Upper
284 100
142 32.2 26.0 39.0
249 29.8 23.7 35.5





#69

Atrazine

Concen: 50.721 ng

RT: 10.963 min Scan# 1509

Delta R.T. 0.006 min

Lab File: BF133203.D

Acq: 03 May 2023 12:58

Instrument :

BNA_F

ClientSampleId :

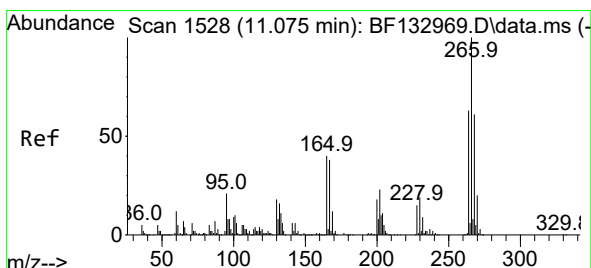
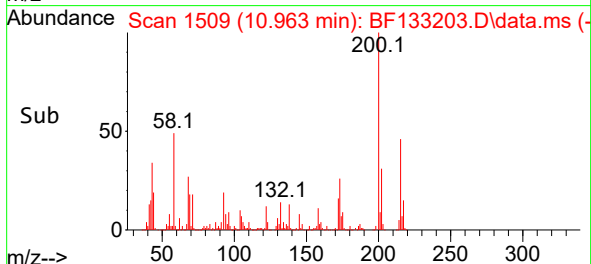
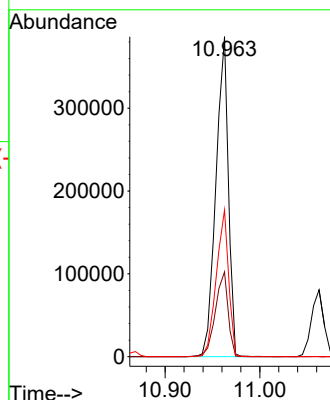
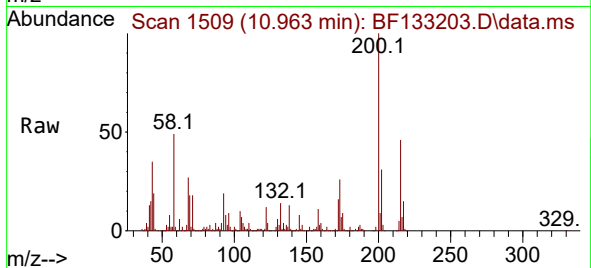
PB152548BS

Tgt Ion:	200	Resp:	35224
Ion Ratio	Lower	Upper	
200	100		
173	26.5	6.2	46.2
215	45.9	26.3	66.3

Manual Integrations

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Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#70

Pentachlorophenol

Concen: 72.686 ng

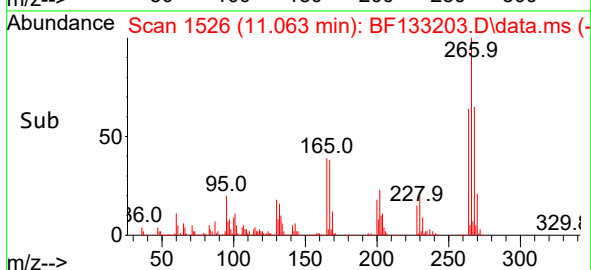
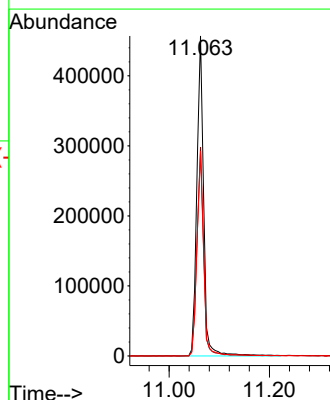
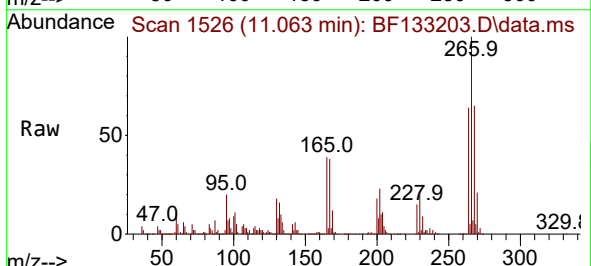
RT: 11.063 min Scan# 1526

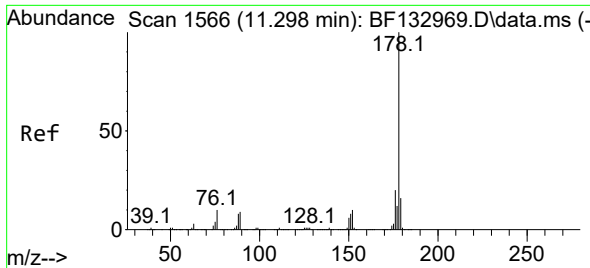
Delta R.T. 0.005 min

Lab File: BF133203.D

Acq: 03 May 2023 12:58

Tgt Ion:	266	Resp:	427450
Ion Ratio	Lower	Upper	
266	100		
268	65.2	48.8	73.2
264	63.9	50.6	76.0





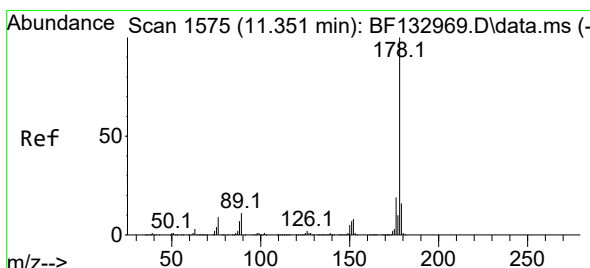
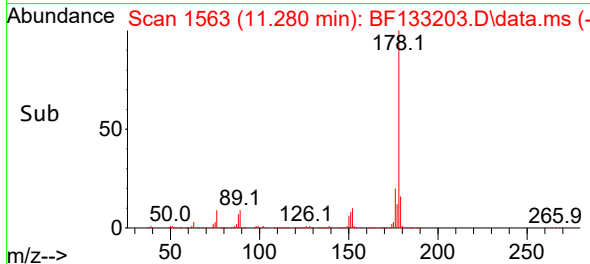
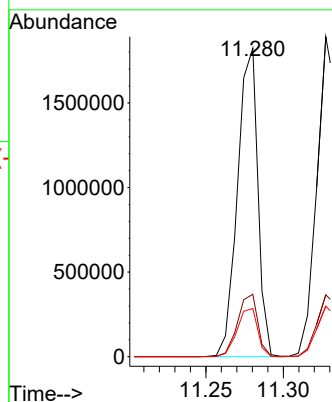
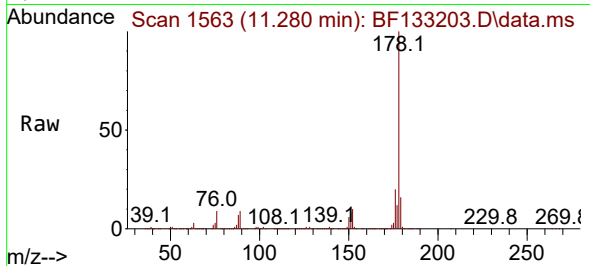
#71
Phenanthrene
Concen: 41.652 ng
RT: 11.280 min Scan# 1563
Delta R.T. 0.005 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Instrument :
BNA_F
ClientSampleId :
PB152548BS

Tgt Ion:178 Resp: 166337
Ion Ratio Lower Upper
178 100
176 20.2 15.9 23.9
179 15.6 12.5 18.7

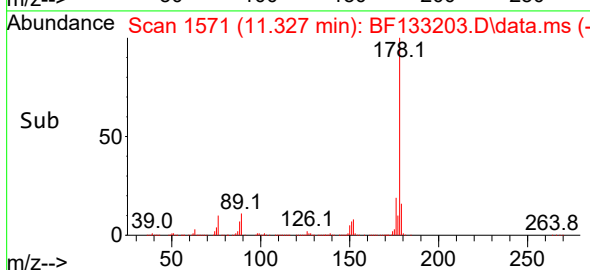
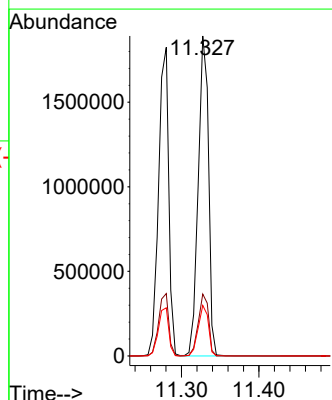
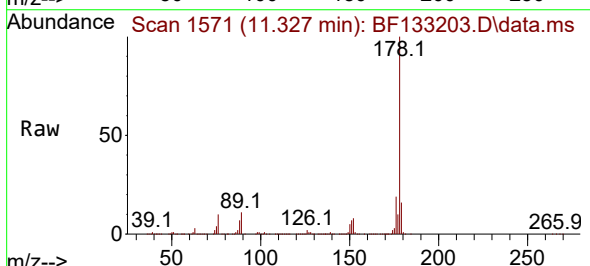
Manual Integrations
APPROVED

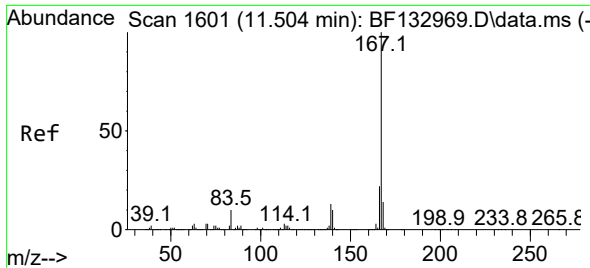
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#72
Anthracene
Concen: 42.708 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

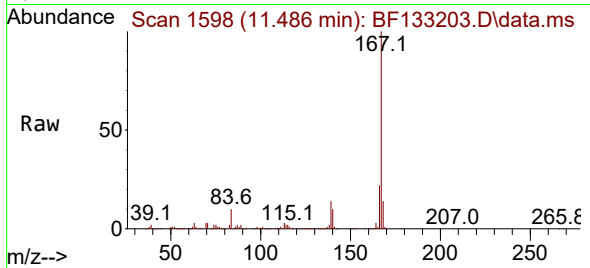
Tgt Ion:178 Resp: 1745398
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.8 12.4 18.6





#73
Carbazole
Concen: 43.497 ng
RT: 11.486 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

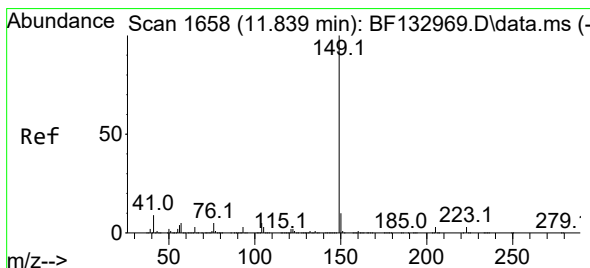
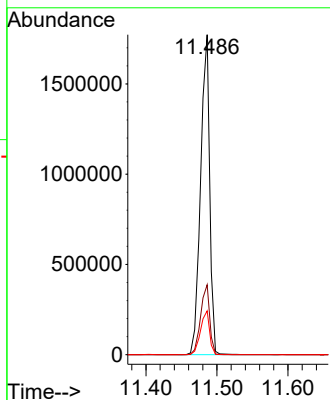
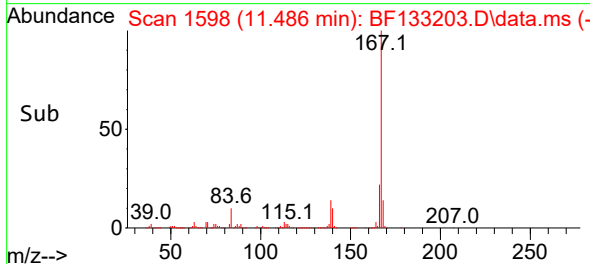
Instrument :
BNA_F
ClientSampleId :
PB152548BS



Tgt Ion:167 Resp: 1582870
Ion Ratio Lower Upper
167 100
166 21.9 17.4 26.0
139 13.7 10.6 16.0

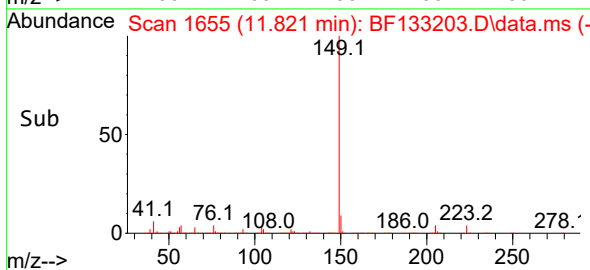
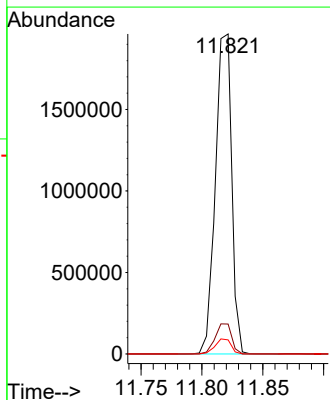
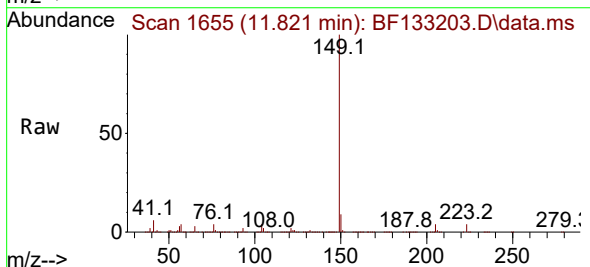
Manual Integrations
APPROVED

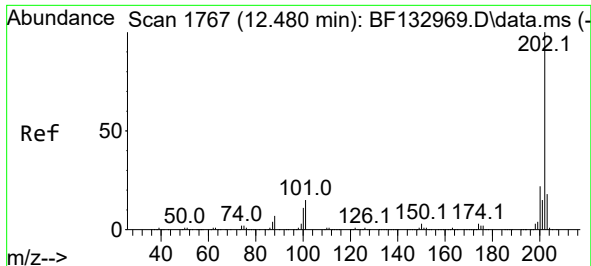
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#74
Di-n-butylphthalate
Concen: 44.469 ng
RT: 11.821 min Scan# 1655
Delta R.T. 0.005 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Tgt Ion:149 Resp: 1831325
Ion Ratio Lower Upper
149 100
150 9.4 7.6 11.4
104 4.4 4.0 6.0





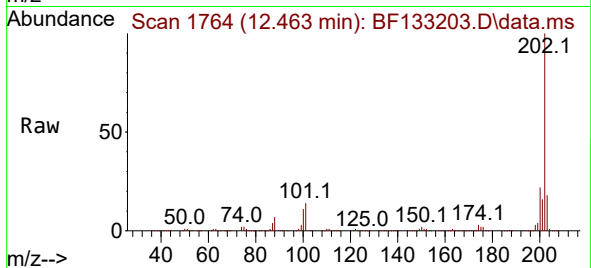
#75
Fluoranthene
Concen: 42.336 ng
RT: 12.463 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB152548BS

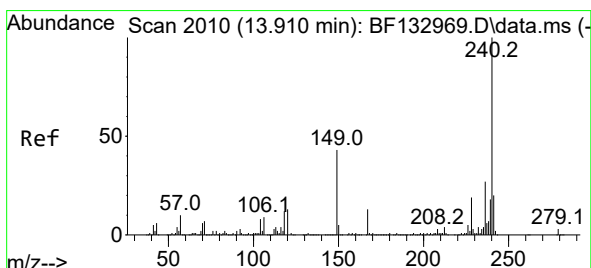
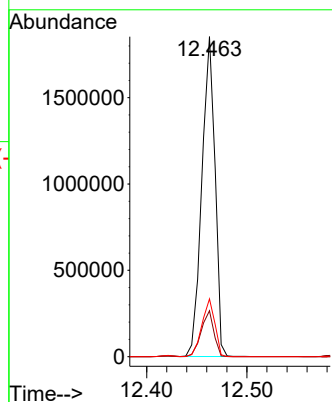
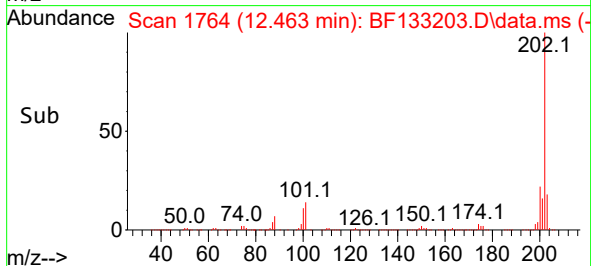


Tgt Ion:202 Resp: 169677
Ion Ratio Lower Upper
202 100
101 14.3 0.0 35.3
203 18.1 0.0 38.1

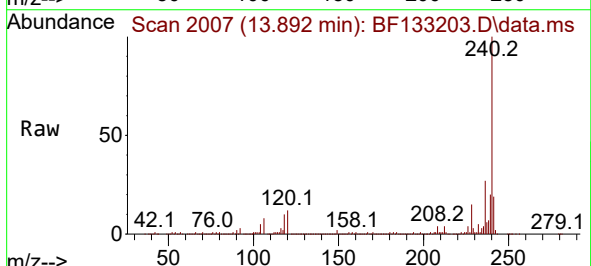
Manual Integrations

APPROVED

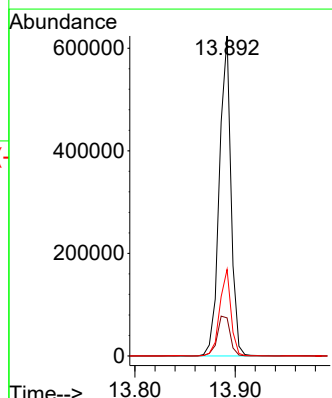
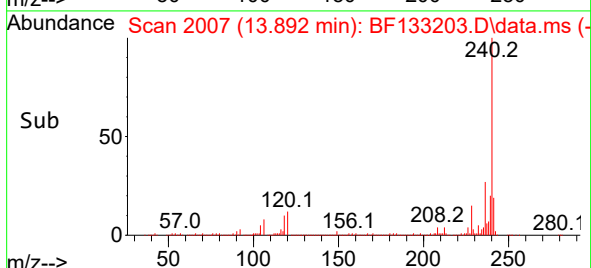
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

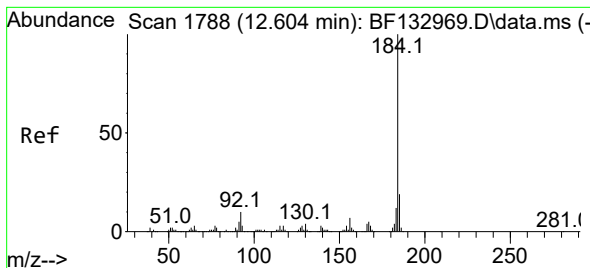


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58



Tgt Ion:240 Resp: 500357
Ion Ratio Lower Upper
240 100
120 11.9 10.5 15.7
236 27.0 21.5 32.3





#77

Benzidine

Concen: 126.843 ng

RT: 12.586 min Scan# 1785

Delta R.T. 0.005 min

Lab File: BF133203.D

Acq: 03 May 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB152548BS

Tgt Ion:184 Resp: 1073259

Ion Ratio Lower Upper

184 100

185 14.9 15.4 23.2

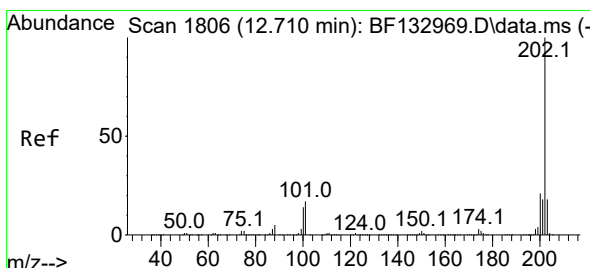
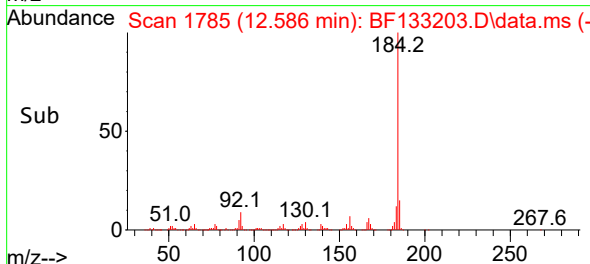
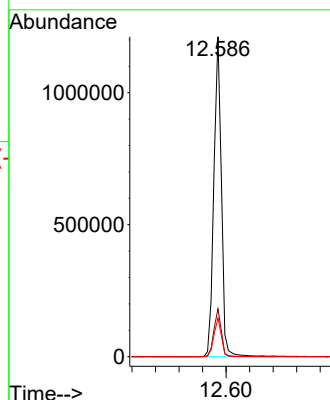
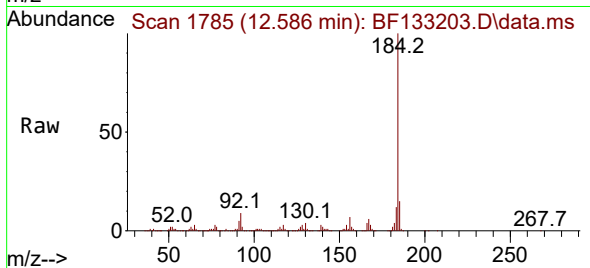
183 12.1 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/04/2023

Supervised By :Jagrut Upadhyay 05/04/2023



#78

Pyrene

Concen: 40.512 ng

RT: 12.692 min Scan# 1803

Delta R.T. -0.000 min

Lab File: BF133203.D

Acq: 03 May 2023 12:58

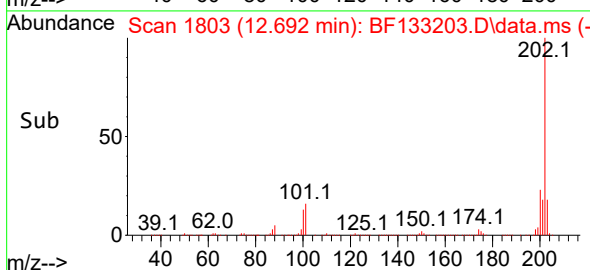
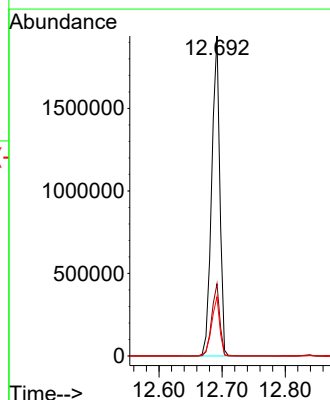
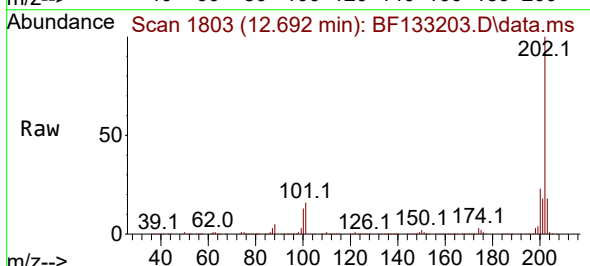
Tgt Ion:202 Resp: 1737664

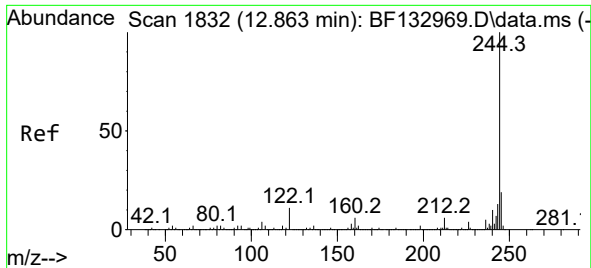
Ion Ratio Lower Upper

202 100

200 22.6 17.1 25.7

203 18.5 14.1 21.1





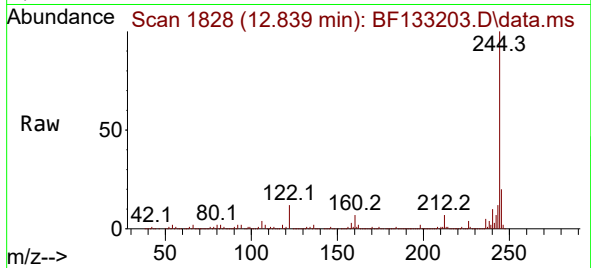
#79
Terphenyl-d14
Concen: 65.236 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB152548BS

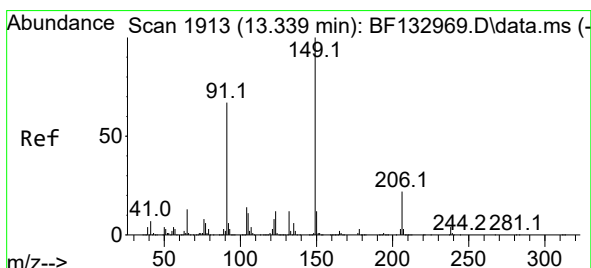
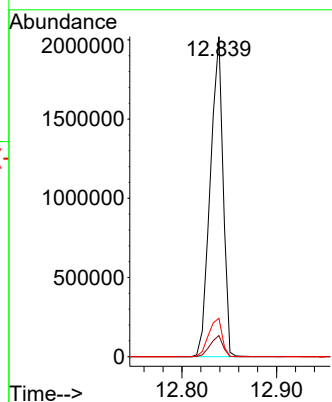
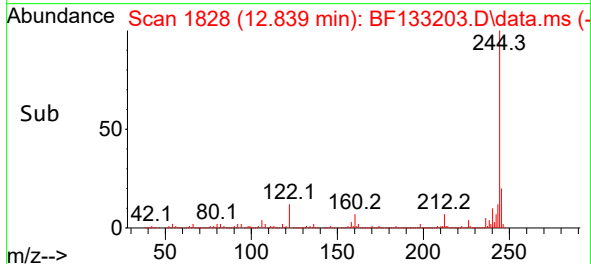


Tgt Ion:244 Resp: 189261
Ion Ratio Lower Upper
244 100
212 6.6 5.1 7.7
122 12.0 8.6 13.0

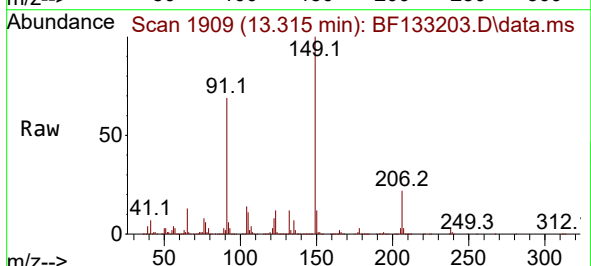
Manual Integrations

APPROVED

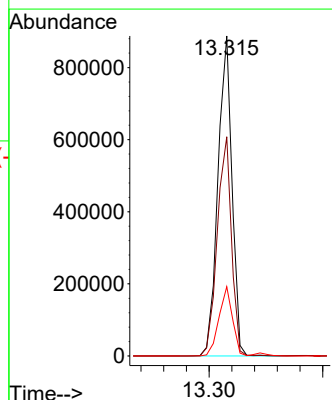
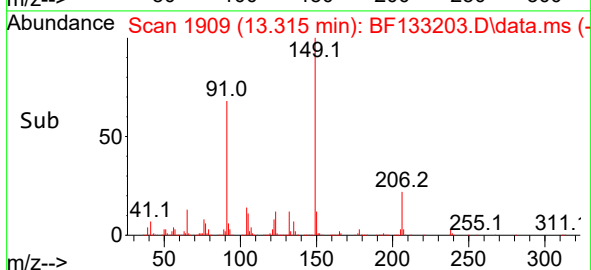
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

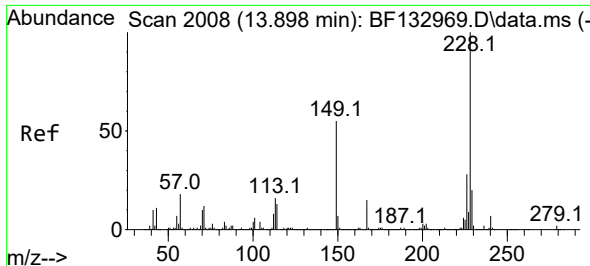


#80
Butylbenzylphthalate
Concen: 50.331 ng
RT: 13.315 min Scan# 1909
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58



Tgt Ion:149 Resp: 764370
Ion Ratio Lower Upper
149 100
91 68.5 53.8 80.6
206 21.6 17.5 26.3





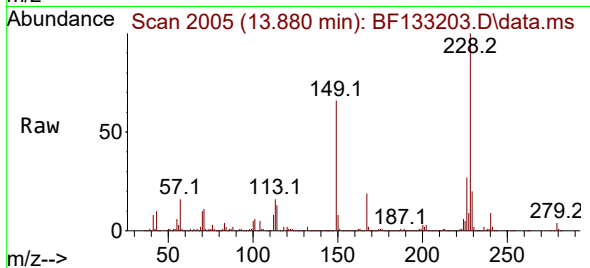
#81
Benzo(a)anthracene
Concen: 40.551 ng
RT: 13.880 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB152548BS

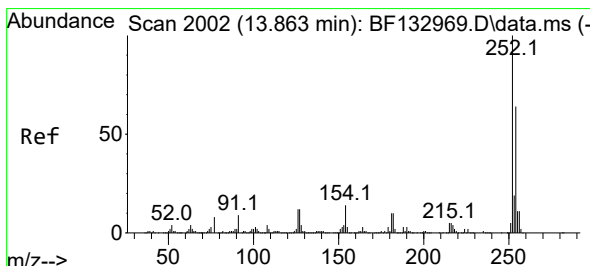
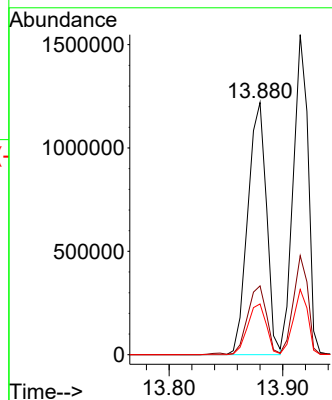
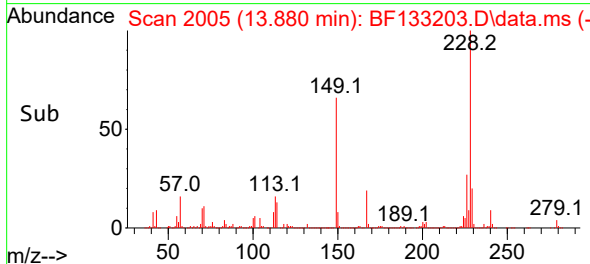


Tgt Ion:228 Resp: 139526
Ion Ratio Lower Upper
228 100
226 27.3 22.2 33.4
229 20.1 16.0 24.0

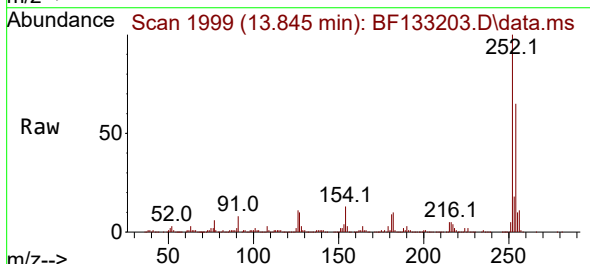
Manual Integrations

APPROVED

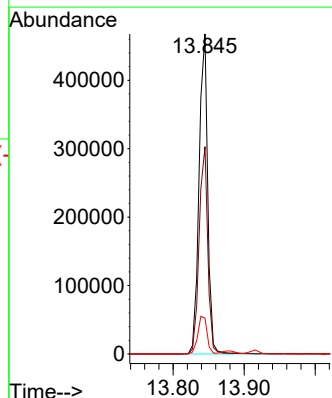
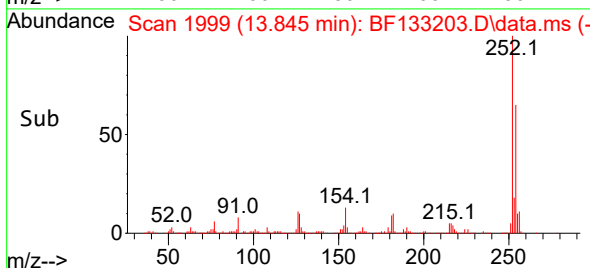
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

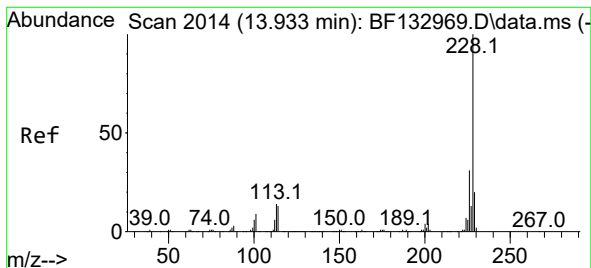


#82
3,3'-Dichlorobenzidine
Concen: 41.741 ng
RT: 13.845 min Scan# 1999
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58



Tgt Ion:252 Resp: 396758
Ion Ratio Lower Upper
252 100
254 64.8 51.5 77.3
126 11.2 9.5 14.3





#83

Chrysene

Concen: 40.758 ng

RT: 13.915 min Scan# 2014

Delta R.T. -0.000 min

Lab File: BF133203.D

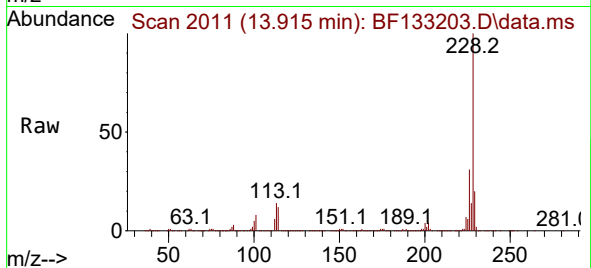
Acq: 03 May 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB152548BS



Tgt Ion:228 Resp: 140204

Ion Ratio Lower Upper

228 100

226 31.0 24.7 37.1

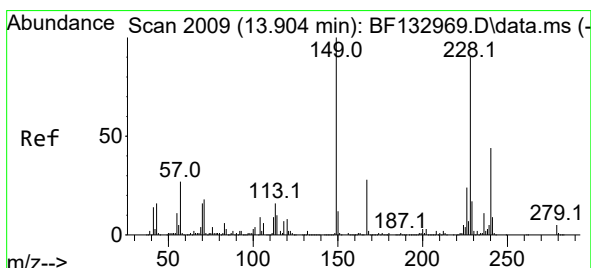
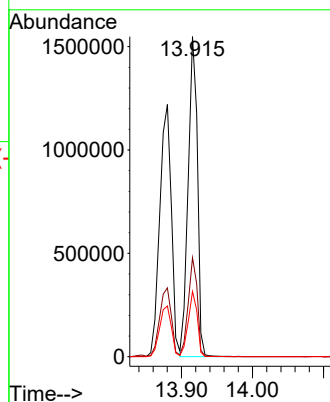
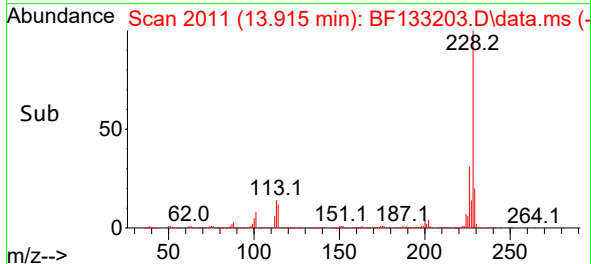
229 20.4 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/04/2023

Supervised By :Jagrut Upadhyay 05/04/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.426 ng

RT: 13.874 min Scan# 2004

Delta R.T. -0.000 min

Lab File: BF133203.D

Acq: 03 May 2023 12:58

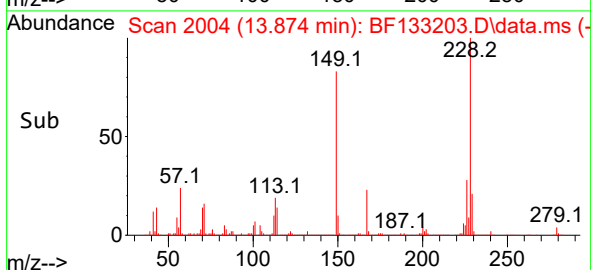
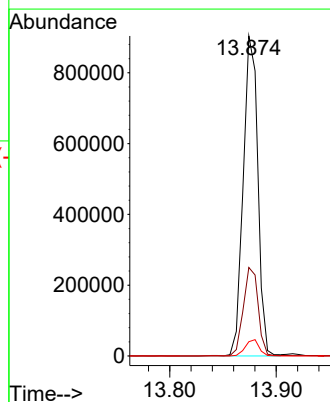
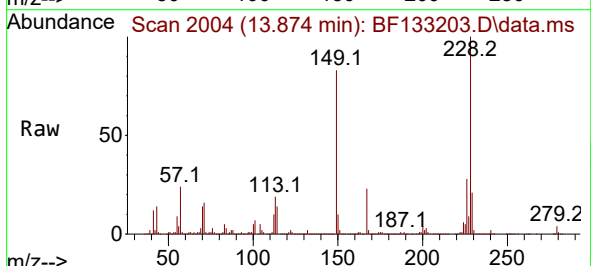
Tgt Ion:149 Resp: 865937

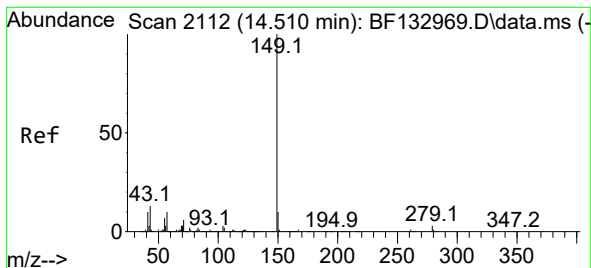
Ion Ratio Lower Upper

149 100

167 27.6 22.5 33.7

279 4.4 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 51.447 ng

RT: 14.486 min Scan# 2112

Delta R.T. -0.000 min

Lab File: BF133203.D

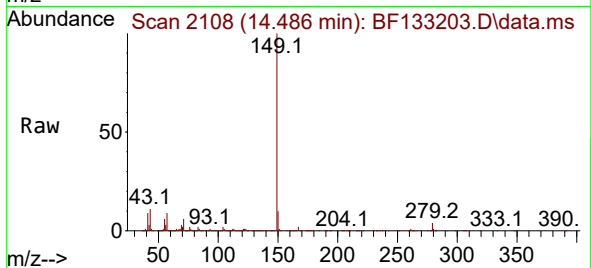
Acq: 03 May 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB152548BS



Tgt Ion:149 Resp: 159908

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

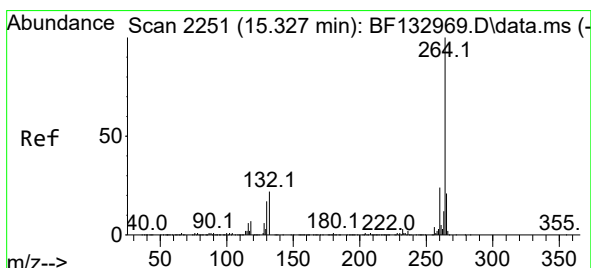
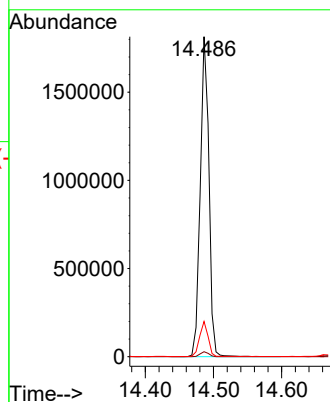
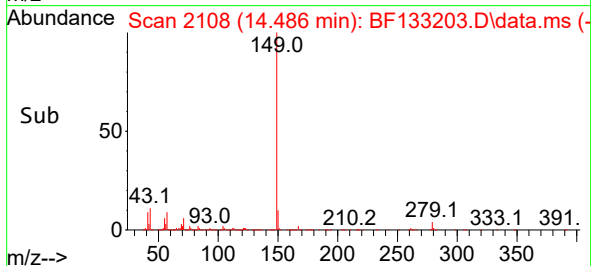
43 10.7 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/04/2023

Supervised By :Jagrut Upadhyay 05/04/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.304 min Scan# 2247

Delta R.T. -0.000 min

Lab File: BF133203.D

Acq: 03 May 2023 12:58

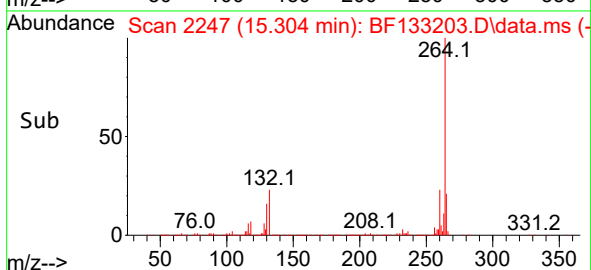
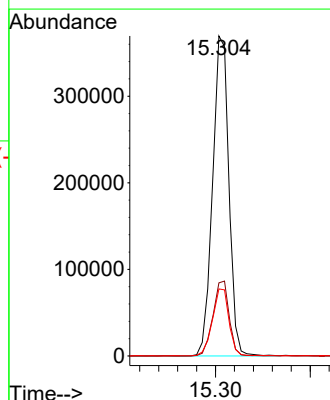
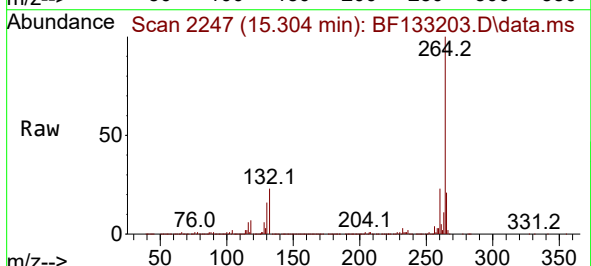
Tgt Ion:264 Resp: 440501

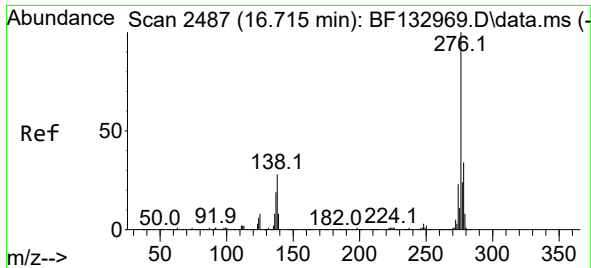
Ion Ratio Lower Upper

264 100

260 22.9 18.8 28.2

265 20.9 17.0 25.4





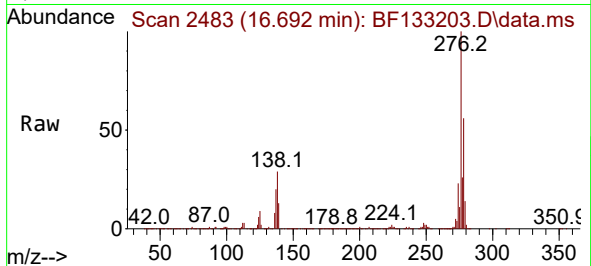
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.079 ng
RT: 16.692 min Scan# 2487
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB152548BS

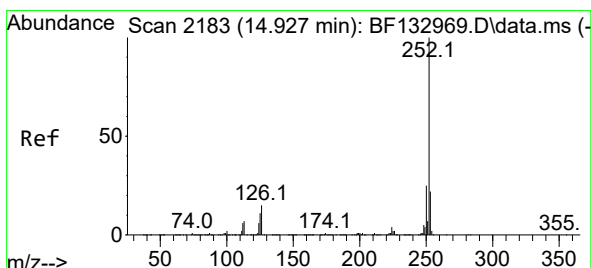
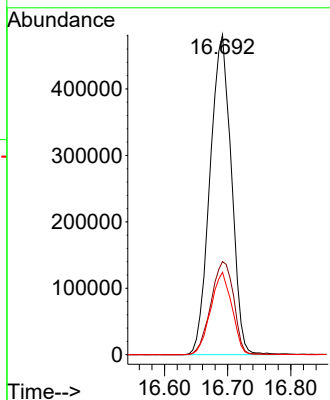
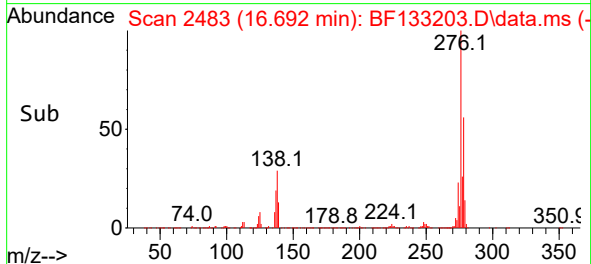


Tgt Ion:276 Resp: 112952
Ion Ratio Lower Upper
276 100
138 31.1 25.5 38.3
277 25.7 20.4 30.6

Manual Integrations

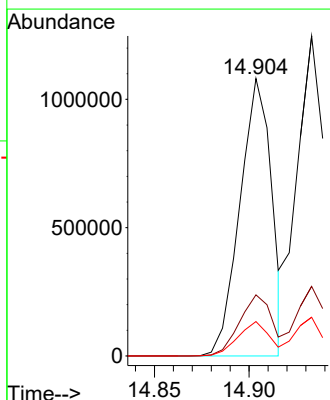
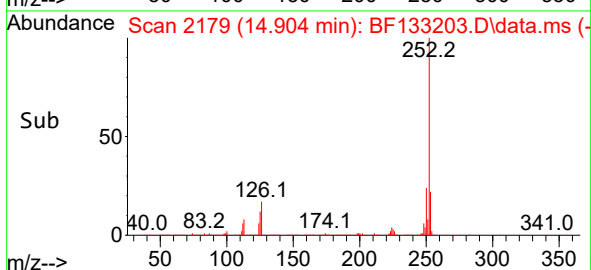
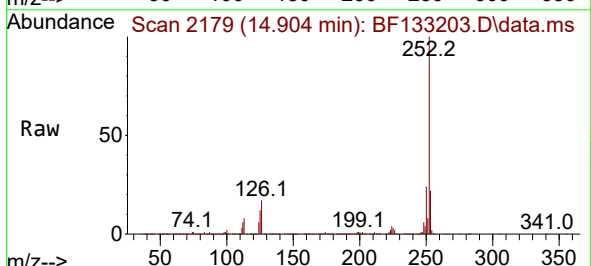
APPROVED

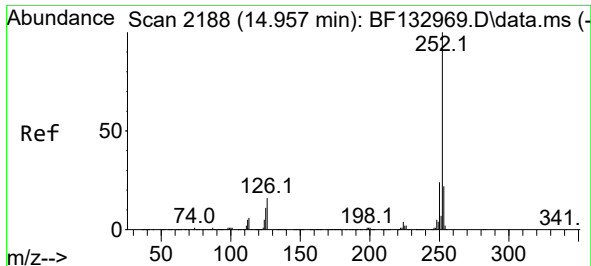
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#88
Benzo(b)fluoranthene
Concen: 44.985 ng
RT: 14.904 min Scan# 2179
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Tgt Ion:252 Resp: 1260660
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 12.4 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 44.776 ng

RT: 14.933 min Scan# 2188

Delta R.T. -0.000 min

Lab File: BF133203.D

Acq: 03 May 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB152548BS

Tgt Ion:252 Resp: 124387

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

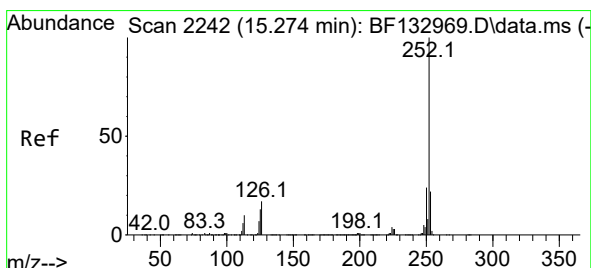
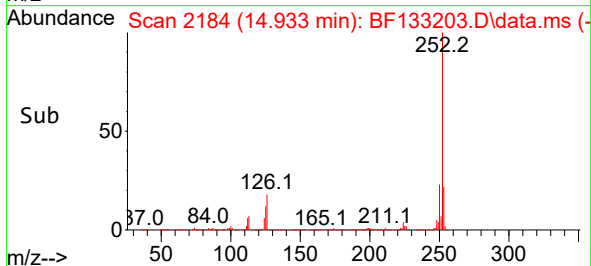
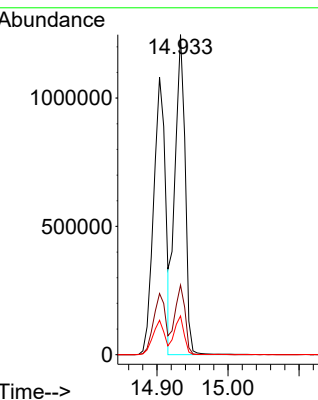
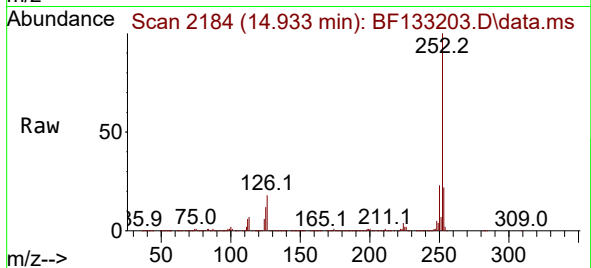
125 12.1 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/04/2023

Supervised By :Jagrut Upadhyay 05/04/2023



#90

Benzo(a)pyrene

Concen: 41.147 ng

RT: 15.251 min Scan# 2238

Delta R.T. -0.000 min

Lab File: BF133203.D

Acq: 03 May 2023 12:58

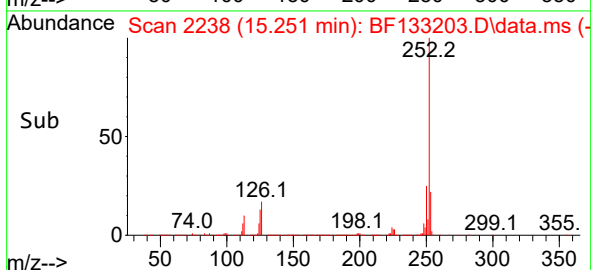
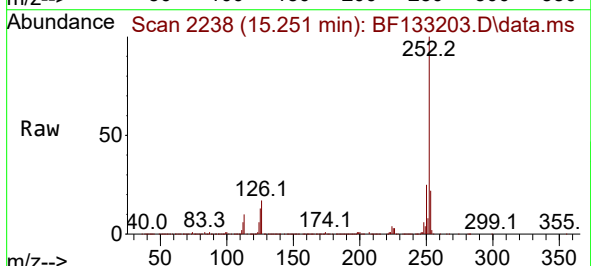
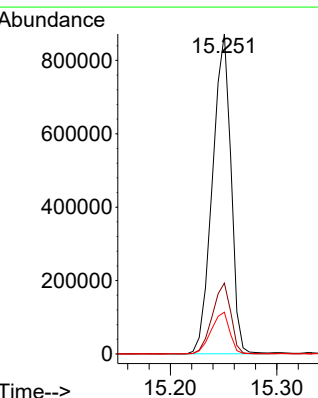
Tgt Ion:252 Resp: 1049579

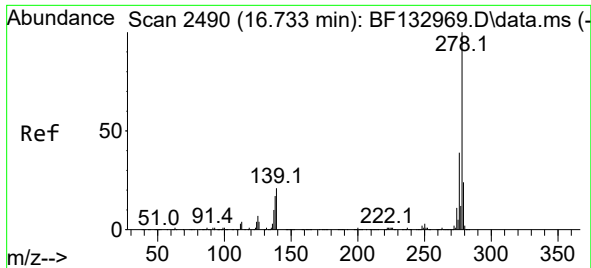
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 13.0 10.5 15.7





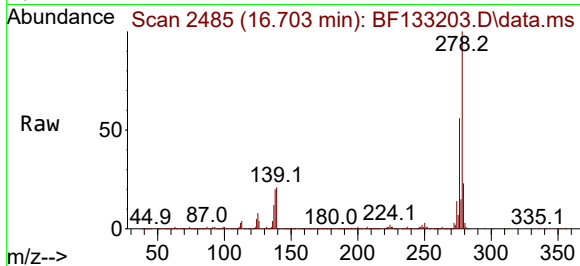
#91
Dibenzo(a,h)anthracene
Concen: 45.257 ng
RT: 16.703 min Scan# 2490
Delta R.T. -0.000 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58

Instrument :

BNA_F

ClientSampleId :

PB152548BS

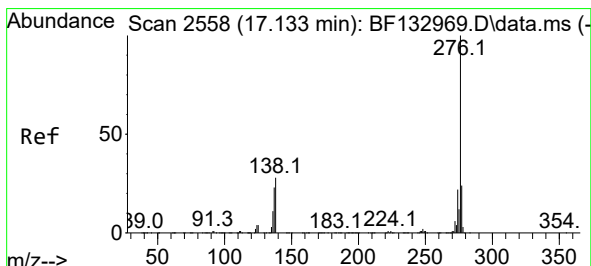
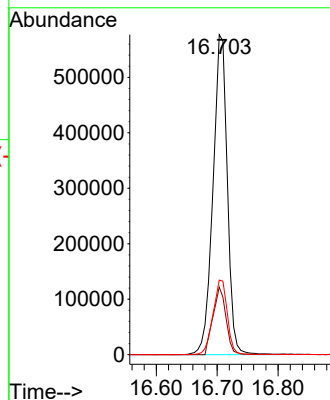
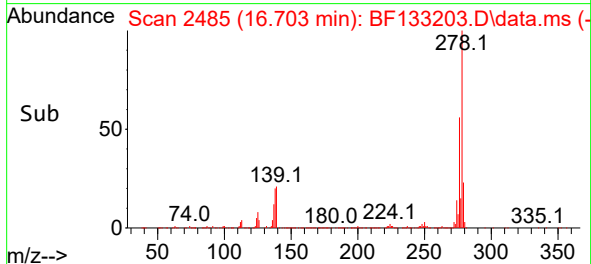


Tgt Ion:278 Resp: 945804
Ion Ratio Lower Upper
278 100
139 21.1 16.6 24.8
279 23.3 18.8 28.2

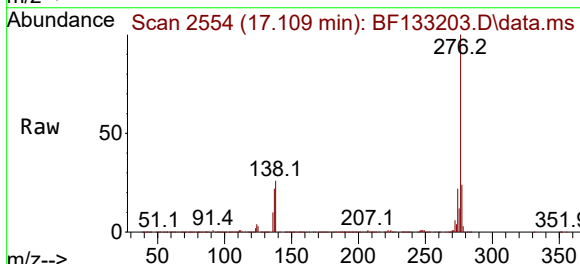
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#92
Benzo(g,h,i)perylene
Concen: 45.645 ng
RT: 17.109 min Scan# 2554
Delta R.T. 0.006 min
Lab File: BF133203.D
Acq: 03 May 2023 12:58



Tgt Ion:276 Resp: 941760
Ion Ratio Lower Upper
276 100
277 24.4 19.4 29.0
138 26.0 22.7 34.1

