

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050323\
 Data File : BF133210.D
 Acq On : 03 May 2023 16:43
 Operator : CG\JU
 Sample : 02583-04MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-24MS

Manual Integrations
 APPROVED

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

Quant Time: May 03 17:32:46 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 17:31:52 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	197905	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	818790	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	422731	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	684165	20.000	ng	0.00
76) Chrysene-d12	13.886	240	330693	20.000	ng	0.00
86) Perylene-d12	15.304	264	400793	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1241961	94.799	ng	0.01
7) Phenol-d6	6.375	99	1509643	92.838	ng	0.00
23) Nitrobenzene-d5	7.298	82	910020	59.991	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	229449	53.971	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1597427	63.220	ng	0.00
79) Terphenyl-d14	12.833	244	1320737	68.881	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.463	88	279852	46.053	ng	98
3) Pyridine	3.157	79	714217	44.252	ng	97
4) n-Nitrosodimethylamine	3.122	42	390398	46.699	ng	97
6) Aniline	6.392	93	555302	26.514	ng	# 10
8) 2-Chlorophenol	6.516	128	700823	52.686	ng	97
9) Benzaldehyde	6.275	77	383216	60.731	ng	98
10) Phenol	6.392	94	850121	47.390	ng	82
11) bis(2-Chloroethyl)ether	6.469	93	661113	49.111	ng	98
12) 1,3-Dichlorobenzene	6.675	146	725170	51.277	ng	97
13) 1,4-Dichlorobenzene	6.751	146	728032	51.365	ng	97
14) 1,2-Dichlorobenzene	6.904	146	698280	53.438	ng	100
15) Benzyl Alcohol	6.881	79	584459	52.033	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.016	45	1090508	46.641	ng	95
17) 2-Methylphenol	6.998	107	580748	47.680	ng	98
18) Hexachloroethane	7.245	117	254941	51.736	ng	99
19) n-Nitroso-di-n-propyla...	7.157	70	451014	44.552	ng	93
20) 3+4-Methylphenols	7.151	107	679245	47.354	ng	# 82
22) Acetophenone	7.145	105	919487	48.478	ng	97
24) Nitrobenzene	7.316	77	716898	46.638	ng	99
25) Isophorone	7.557	82	1341453	46.576	ng	99
26) 2-Nitrophenol	7.634	139	368862	49.751	ng	95
27) 2,4-Dimethylphenol	7.681	122	638237	50.203	ng	98
28) bis(2-Chloroethoxy)met...	7.769	93	818004	48.009	ng	99
29) 2,4-Dichlorophenol	7.881	162	567206	49.010	ng	98
30) 1,2,4-Trichlorobenzene	7.957	180	603169	50.307	ng	98
31) Naphthalene	8.039	128	1912789	46.725	ng	99
33) 4-Chloroaniline	8.086	127	385245	23.292	ng	99
34) Hexachlorobutadiene	8.157	225	322216	48.488	ng	99
35) Caprolactam	8.445	113	161821m	41.622	ng	
36) 4-Chloro-3-methylphenol	8.581	107	606429	48.591	ng	97
37) 2-Methylnaphthalene	8.728	142	1274175	45.526	ng	97
38) 1-Methylnaphthalene	8.828	142	1194919	45.639	ng	99
40) 1,2,4,5-Tetrachloroben...	8.898	216	533466	46.935	ng	99
41) Hexachlorocyclopentadiene	8.886	237	480981	72.560	ng	99
43) 2,4,6-Trichlorophenol	9.010	196	293691	37.363	ng	99
44) 2,4,5-Trichlorophenol	9.051	196	308795	33.968	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.192	154	1562674	46.618	ng	100
47) 2-Chloronaphthalene	9.216	162	1190309	48.515	ng	98
48) 2-Nitroaniline	9.316	65	385872	47.587	ng	99
49) Acenaphthylene	9.633	152	1816602	46.338	ng	100
50) Dimethylphthalate	9.498	163	1422421	48.256	ng	100
51) 2,6-Dinitrotoluene	9.557	165	329938	49.732	ng	96
52) Acenaphthene	9.804	154	1119276	42.629	ng	99
53) 3-Nitroaniline	9.728	138	289810	36.739	ng	95
54) 2,4-Dinitrophenol	9.833	184	798	0.239	ng	# 65
55) Dibenzofuran	9.975	168	1622144	45.291	ng	98
56) 4-Nitrophenol	9.892	139	307445	50.321	ng	96
57) 2,4-Dinitrotoluene	9.963	165	420048	49.647	ng	# 85
58) Fluorene	10.316	166	1179817	44.962	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.092	232	156853	22.256	ng	98
60) Diethylphthalate	10.198	149	1324569	47.574	ng	97
61) 4-Chlorophenyl-phenyle...	10.310	204	576386	45.074	ng	97
62) 4-Nitroaniline	10.339	138	364610	50.290	ng	99
63) Azobenzene	10.469	77	1383724	46.915	ng	99
65) 4,6-Dinitro-2-methylph...	10.363	198	5278	1.273	ng	# 63
66) n-Nitrosodiphenylamine	10.428	169	1114668	50.227	ng	99
67) 4-Bromophenyl-phenylether	10.798	248	361878	48.770	ng	96
68) Hexachlorobenzene	10.869	284	386939	50.891	ng	98
69) Atrazine	10.963	200	360682	56.404	ng	99
70) Pentachlorophenol	11.063	266	52164	9.633	ng	98
71) Phenanthrene	11.275	178	1716825	46.689	ng	99
72) Anthracene	11.327	178	1752674	46.574	ng	99
73) Carbazole	11.480	167	1553116	46.350	ng	99
74) Di-n-butylphthalate	11.816	149	1930715	50.915	ng	100
75) Fluoranthene	12.463	202	1464093	39.672	ng	96
77) Benzidine	12.580	184	505701	90.430	ng	# 93
78) Pyrene	12.686	202	1438536	50.746	ng	99
80) Butylbenzylphthalate	13.310	149	611041	60.877	ng	95
81) Benzo(a)anthracene	13.874	228	1061647	46.685	ng	100
82) 3,3'-Dichlorobenzidine	13.839	252	243266	38.723	ng	99
83) Chrysene	13.910	228	1078027	47.417	ng	100
84) Bis(2-ethylhexyl)phtha...	13.874	149	723634	57.437	ng	99
85) Di-n-octyl phthalate	14.486	149	1357923	66.102	ng	99
87) Indeno(1,2,3-cd)pyrene	16.686	276	1112036	48.778	ng	98
88) Benzo(b)fluoranthene	14.904	252	1244329	48.801	ng	100
89) Benzo(k)fluoranthene	14.933	252	1141122	45.147	ng	99
90) Benzo(a)pyrene	15.251	252	1079383	46.508	ng	98
91) Dibenzo(a,h)anthracene	16.704	278	938658	49.365	ng	98
92) Benzo(g,h,i)perylene	17.104	276	818506	43.602	ng	98

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

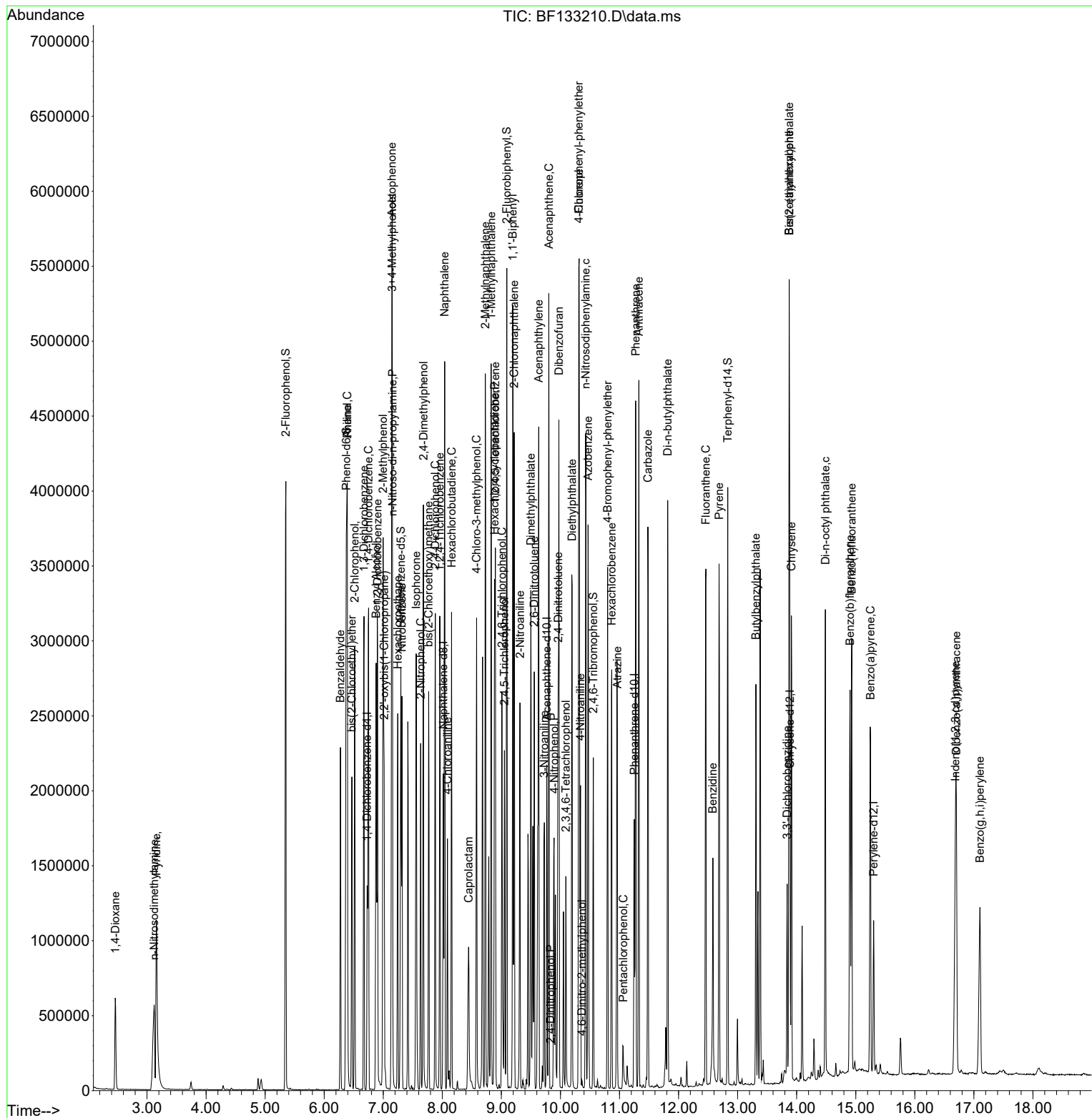
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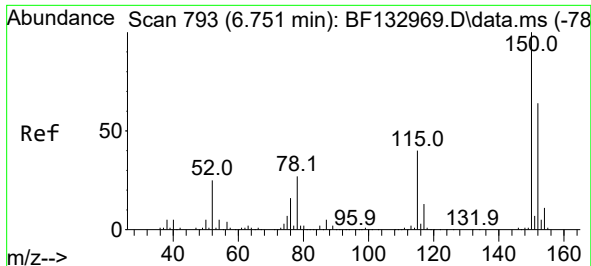
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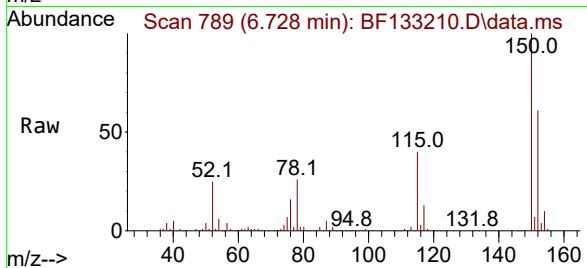
Reviewed By : Christian Giraldo 05/04/2023
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF133210.D
 Acq: 03 May 2023 16:43

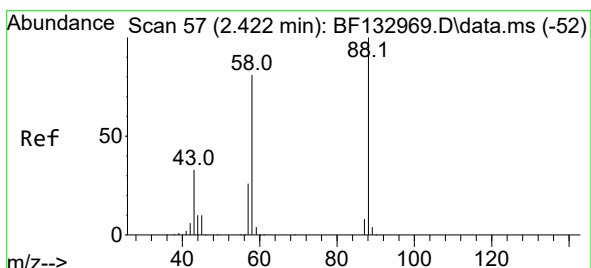
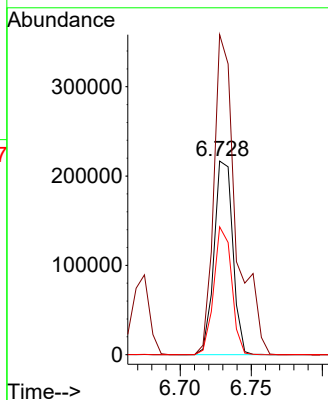
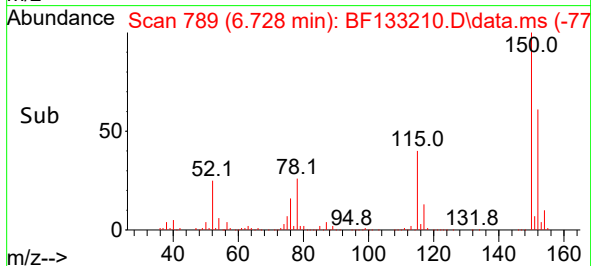
Instrument :
 BNA_F
 ClientSampleId :
 CF-24MS



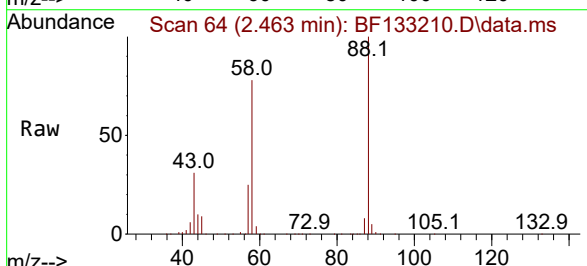
Tgt Ion:152 Resp: 197908
 Ion Ratio Lower Upper
 152 100
 150 165.3 124.8 187.2
 115 66.0 49.9 74.9

Manual Integrations
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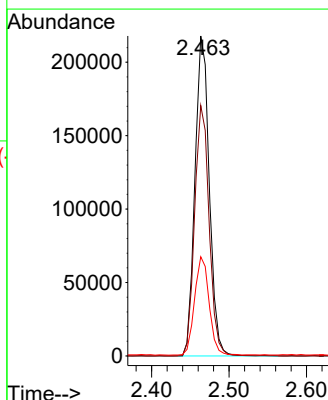
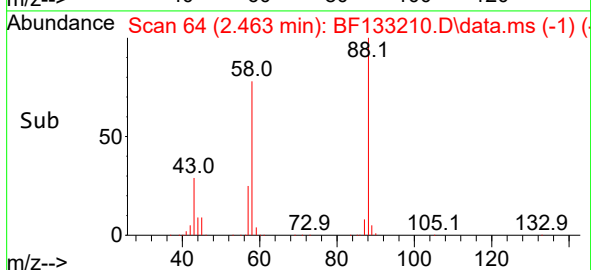
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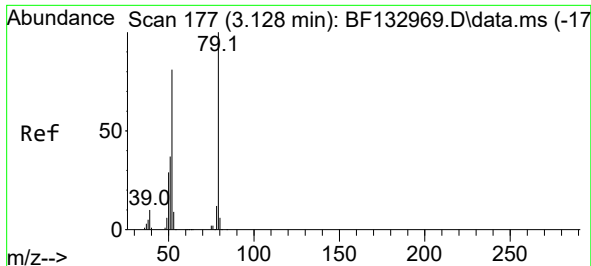


#2
 1,4-Dioxane
 Concen: 46.053 ng
 RT: 2.463 min Scan# 64
 Delta R.T. 0.088 min
 Lab File: BF133210.D
 Acq: 03 May 2023 16:43



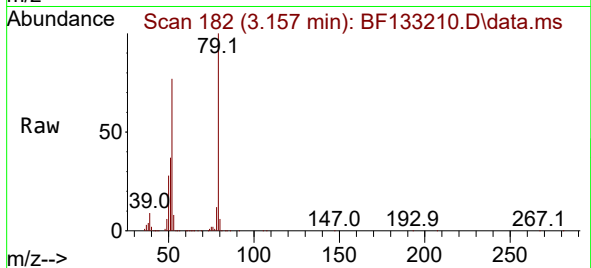
Tgt Ion: 88 Resp: 279852
 Ion Ratio Lower Upper
 88 100
 58 79.2 64.7 97.1
 43 31.2 26.2 39.2





#3
Pyridine
Concen: 44.252 ng
RT: 3.157 min Scan# 177
Delta R.T. 0.082 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

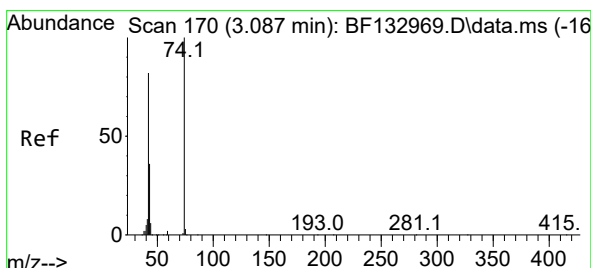
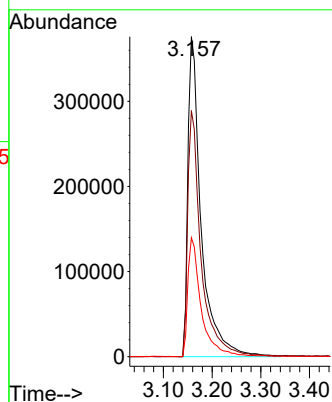
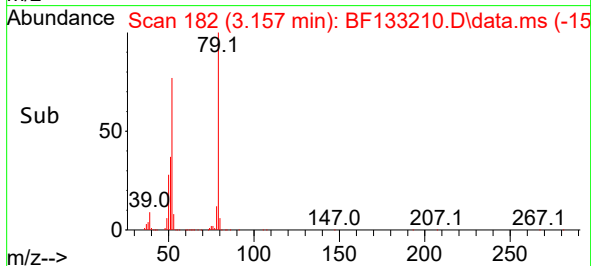
Instrument :
BNA_F
ClientSampleId :
CF-24MS



Tgt Ion: 79 Resp: 71421
Ion Ratio Lower Upper
79 100
52 76.9 64.6 96.8
51 37.1 30.0 45.0

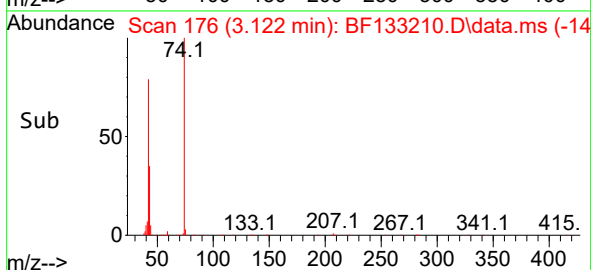
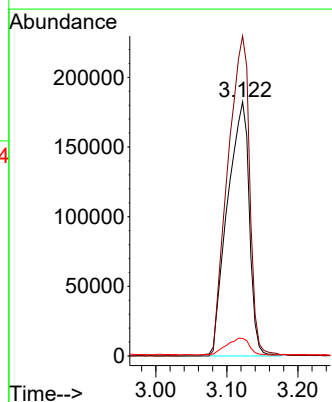
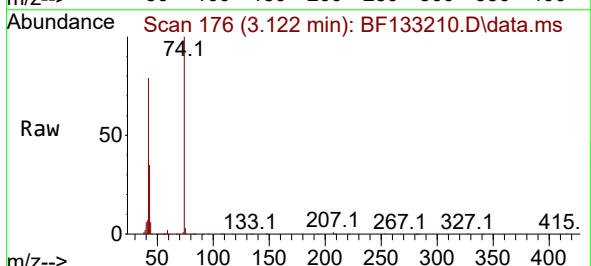
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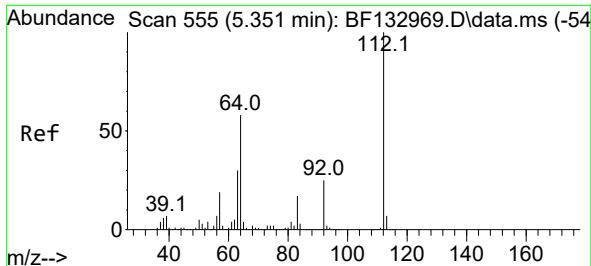
Reviewed By :Christian Giraldo 05/04/2023
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#4
n-Nitrosodimethylamine
Concen: 46.699 ng
RT: 3.122 min Scan# 176
Delta R.T. 0.088 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

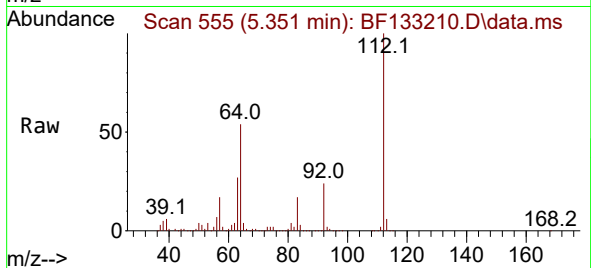
Tgt Ion: 42 Resp: 390398
Ion Ratio Lower Upper
42 100
74 126.0 98.0 147.0
44 7.0 5.8 8.8





#5
2-Fluorophenol
Concen: 94.799 ng
RT: 5.351 min Scan# 51
Delta R.T. 0.011 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

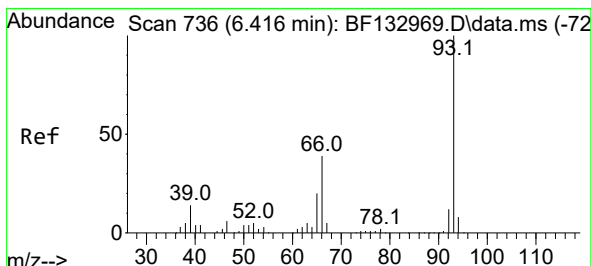
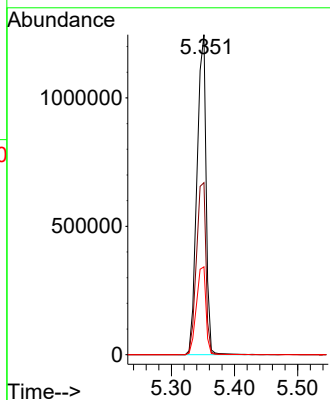
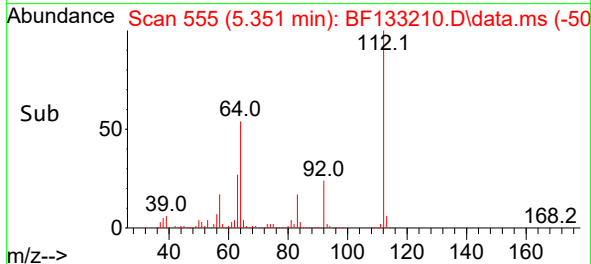
Instrument :
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ClientSampleId :
CF-24MS



Tgt Ion:112 Resp: 124196
Ion Ratio Lower Upper
112 100
64 53.7 46.8 70.2
63 27.4 23.8 35.8

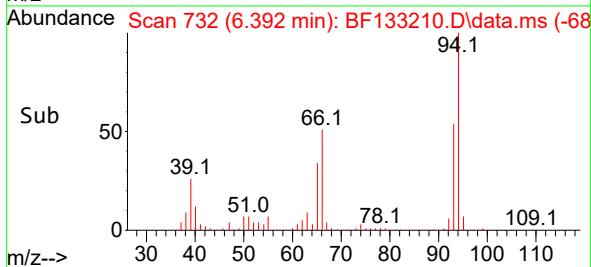
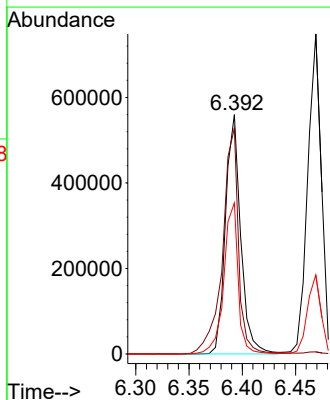
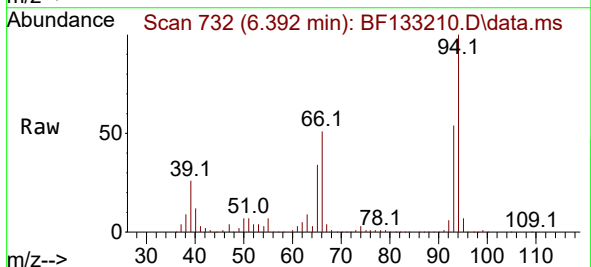
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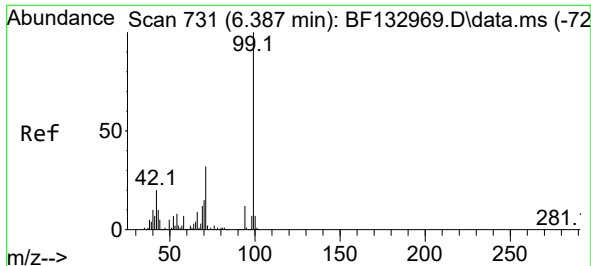
Reviewed By :Christian Giraldo 05/04/2023
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#6
Aniline
Concen: 26.514 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

Tgt Ion: 93 Resp: 555302
Ion Ratio Lower Upper
93 100
66 94.4 31.5 47.3#
65 63.1 16.4 24.6#





#7

Phenol-d6

Concen: 92.838 ng

RT: 6.375 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF133210.D

Acq: 03 May 2023 16:43

Instrument :

BNA_F

ClientSampleId :

CF-24MS

Tgt Ion: 99 Resp: 150964

Ion Ratio Lower Upper

99 100

42 19.1 16.3 24.5

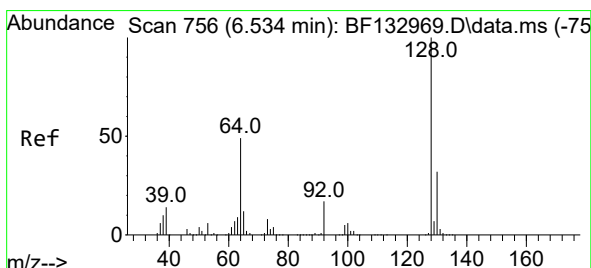
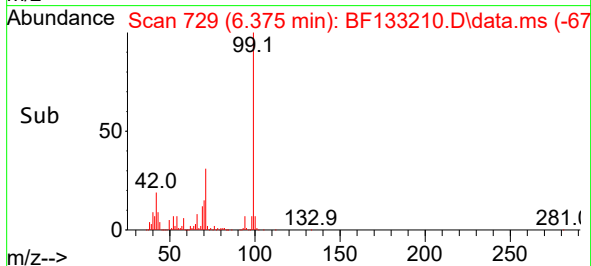
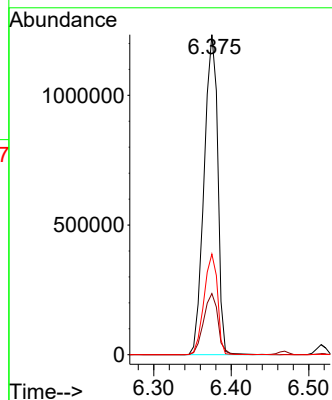
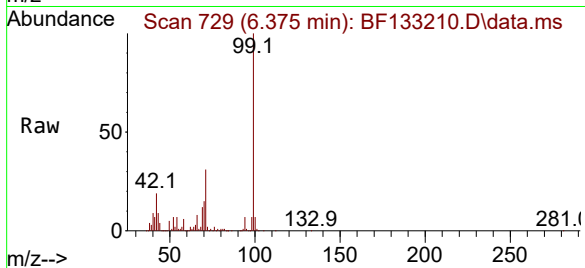
71 31.5 25.6 38.4

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#8

2-Chlorophenol

Concen: 52.686 ng

RT: 6.516 min Scan# 753

Delta R.T. -0.000 min

Lab File: BF133210.D

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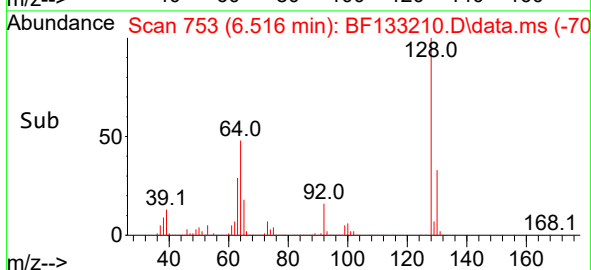
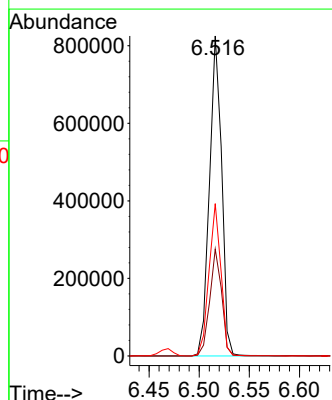
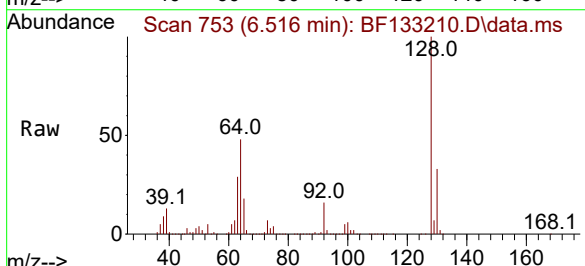
Tgt Ion:128 Resp: 700823

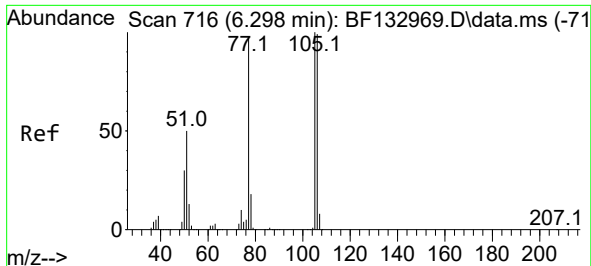
Ion Ratio Lower Upper

128 100

130 33.4 12.2 52.2

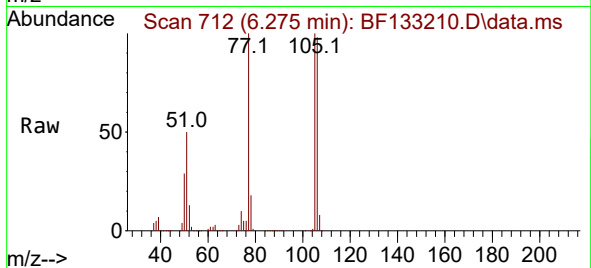
64 47.6 30.3 70.3





#9
Benzaldehyde
Concen: 60.731 ng
RT: 6.275 min Scan# 716
Delta R.T. -0.000 min
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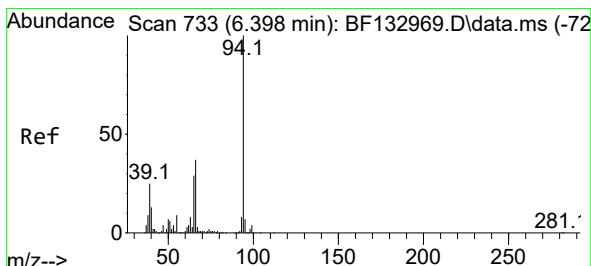
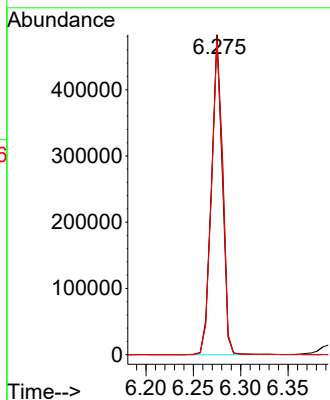
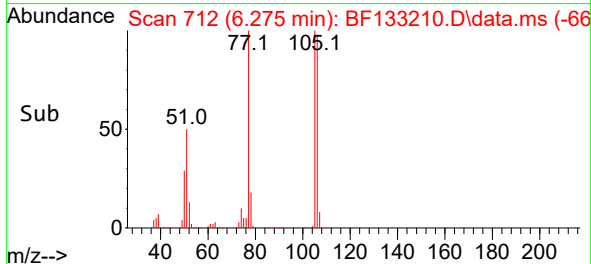
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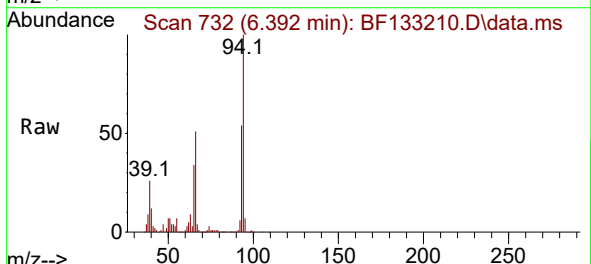
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Ion Ratio Lower Upper
77 100
105 100.1 82.3 122.3
106 98.1 80.8 120.8

Manual Integrations
APPROVED

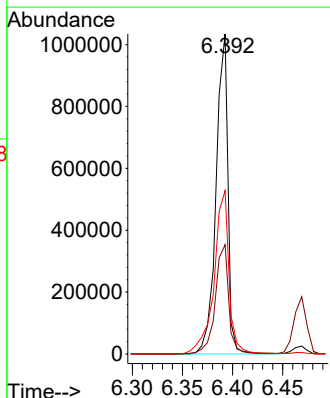
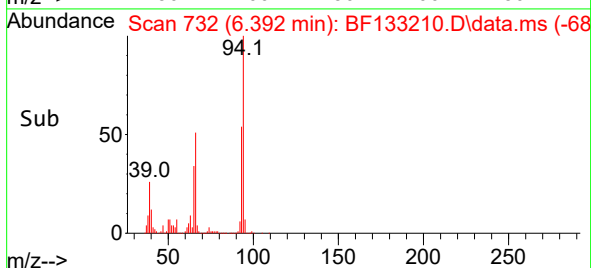
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

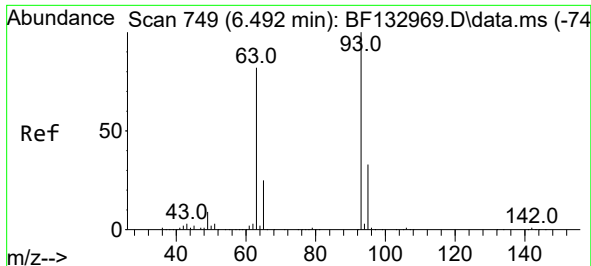


#10
Phenol
Concen: 47.390 ng
RT: 6.392 min Scan# 732
Delta R.T. 0.006 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43



Tgt Ion: 94 Resp: 850121
Ion Ratio Lower Upper
94 100
65 34.2 8.6 48.6
66 51.1 17.3 57.3





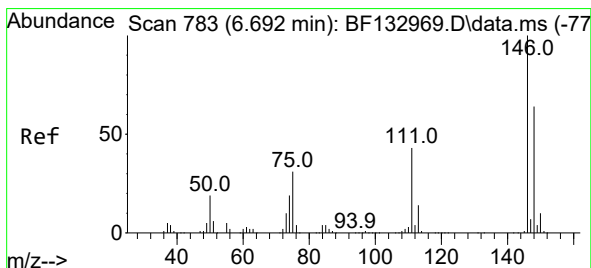
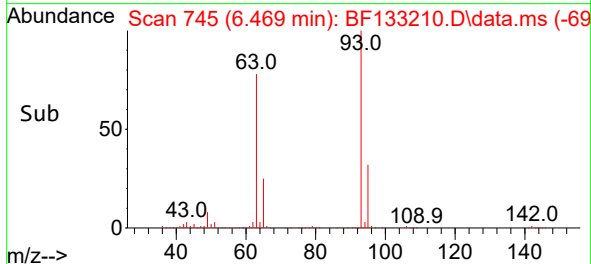
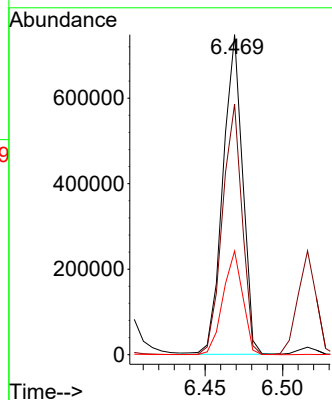
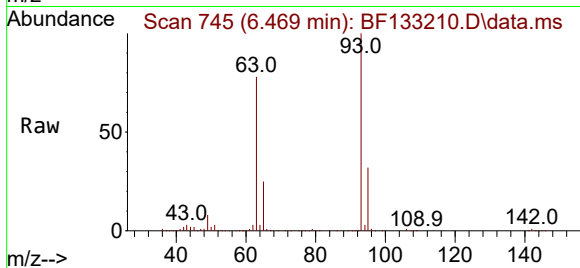
#11
bis(2-Chloroethyl)ether
Concen: 49.111 ng
RT: 6.469 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

Instrument :
BNA_F
ClientSampleId :
CF-24MS

Tgt Ion: 93 Resp: 66111
Ion Ratio Lower Upper
93 100
63 78.3 60.6 100.6
95 32.4 12.9 52.9

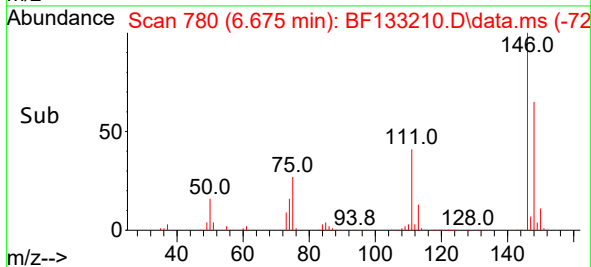
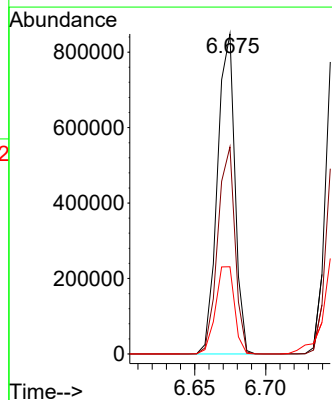
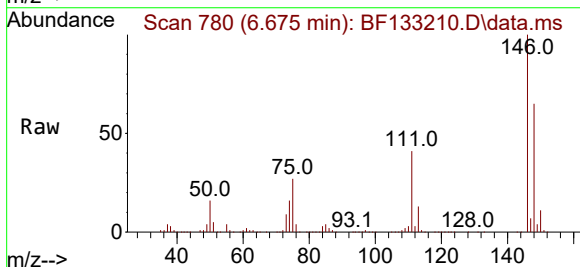
Manual Integrations
APPROVED

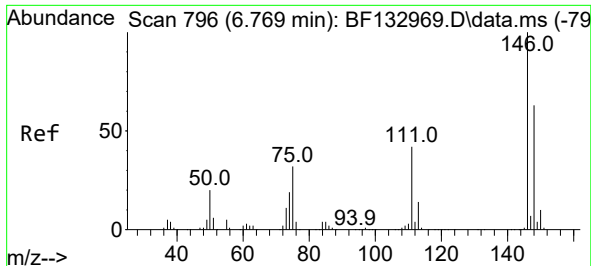
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#12
1,3-Dichlorobenzene
Concen: 51.277 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.000 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

Tgt Ion:146 Resp: 725170
Ion Ratio Lower Upper
146 100
148 64.7 51.0 76.4
75 27.3 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 51.365 ng

RT: 6.751 min Scan# 74

Delta R.T. -0.000 min

Lab File: BF133210.D

Acq: 03 May 2023 16:43

Instrument :

BNA_F

ClientSampleId :

CF-24MS

Tgt Ion:146 Resp: 72803

Ion Ratio Lower Upper

146 100

148 65.0 50.3 75.5

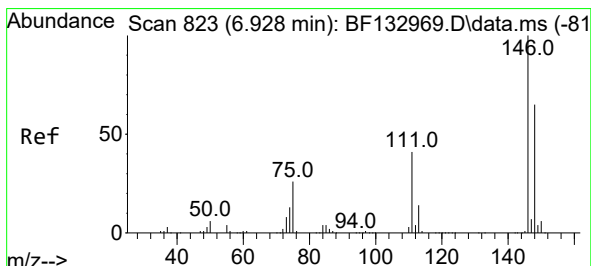
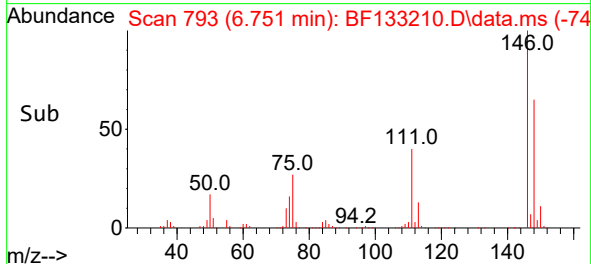
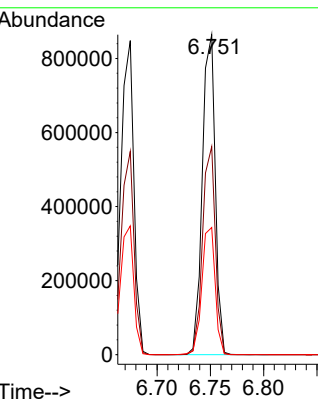
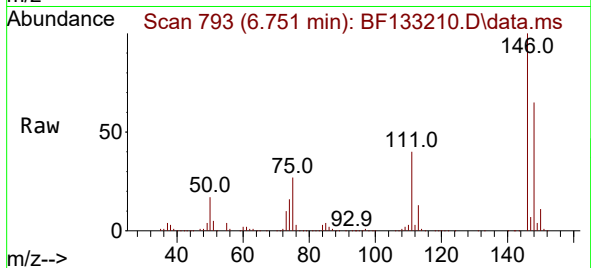
111 39.8 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/04/2023

Supervised By :Jagrut Upadhyay 05/04/2023



#14

1,2-Dichlorobenzene

Concen: 53.438 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.000 min

Lab File: BF133210.D

Acq: 03 May 2023 16:43

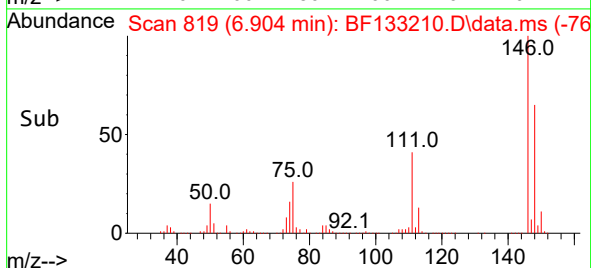
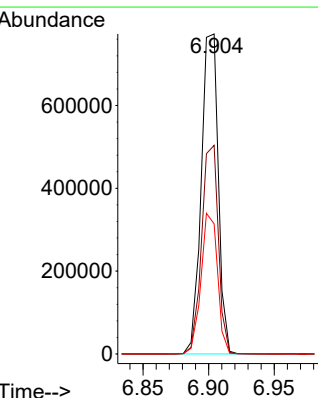
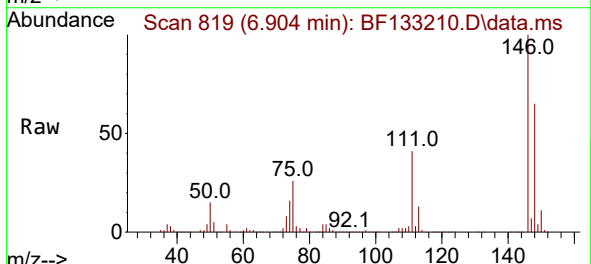
Tgt Ion:146 Resp: 698280

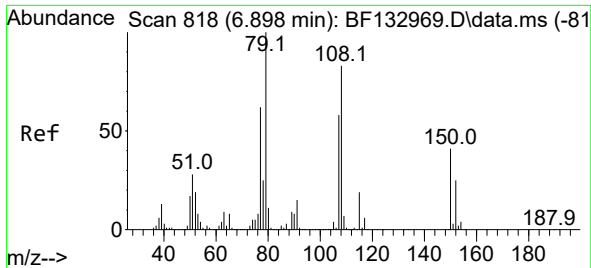
Ion Ratio Lower Upper

146 100

148 65.2 52.2 78.2

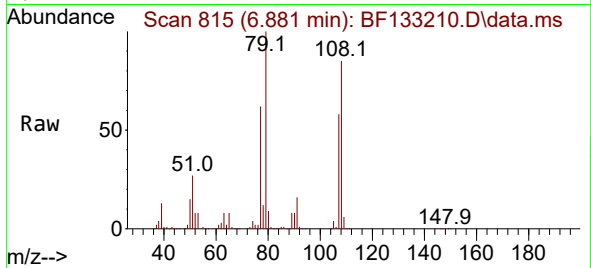
111 40.7 32.8 49.2





#15
Benzyl Alcohol
Concen: 52.033 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

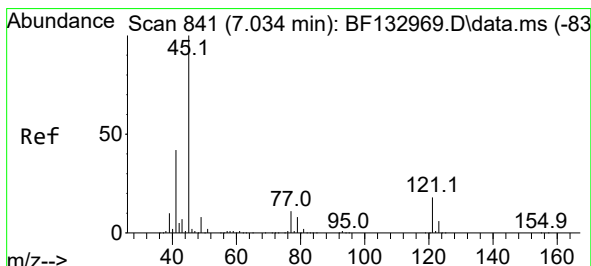
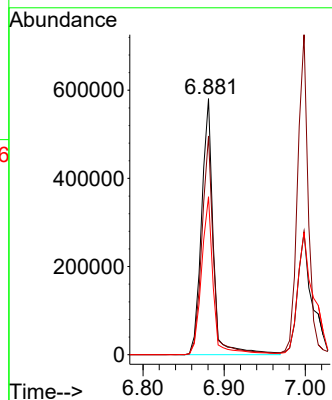
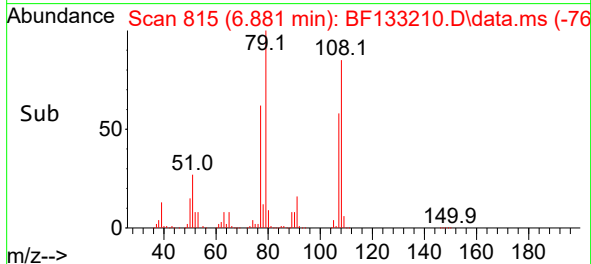
Instrument :
BNA_F
ClientSampleId :
CF-24MS



Tgt Ion: 79 Resp: 584459
Ion Ratio Lower Upper
79 100
108 85.5 66.6 99.8
77 61.7 49.2 73.8

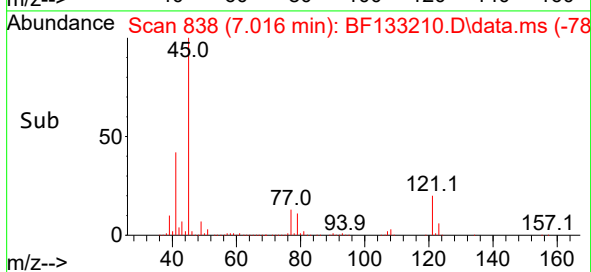
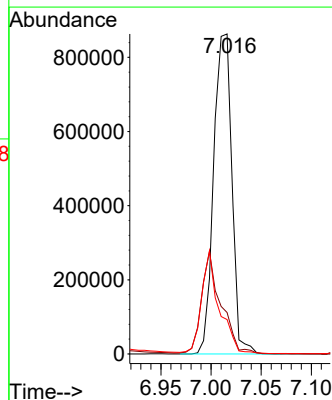
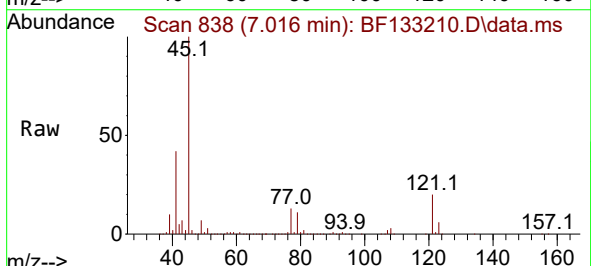
Manual Integrations
APPROVED

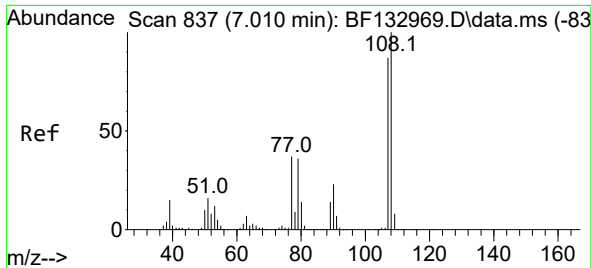
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.641 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.000 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

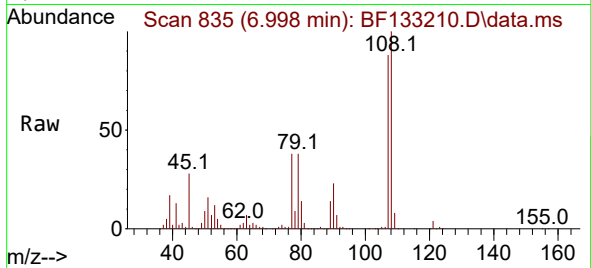
Tgt Ion: 45 Resp: 1090508
Ion Ratio Lower Upper
45 100
77 12.9 0.0 31.5
79 10.7 0.0 28.7





#17
2-Methylphenol
Concen: 47.680 ng
RT: 6.998 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

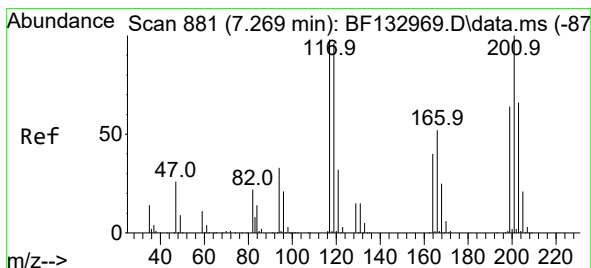
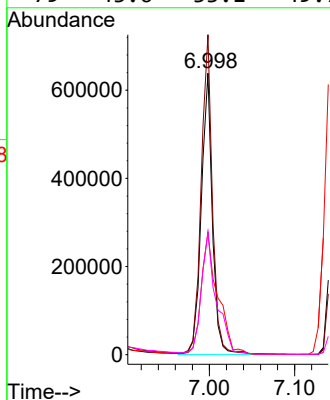
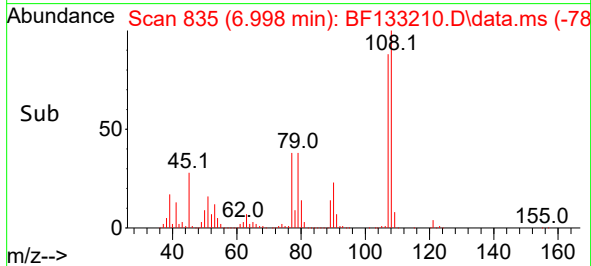
Instrument :
BNA_F
ClientSampleId :
CF-24MS



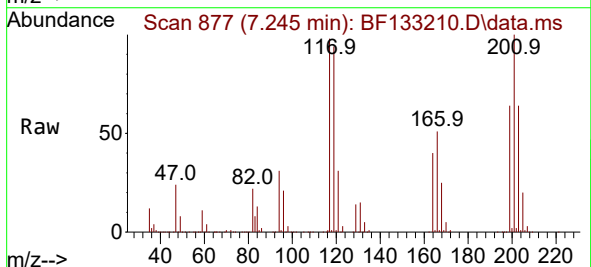
Tgt Ion:107 Resp: 580748
Ion Ratio Lower Upper
107 100
108 113.7 92.4 138.6
77 43.4 33.8 50.8
79 43.6 33.1 49.7

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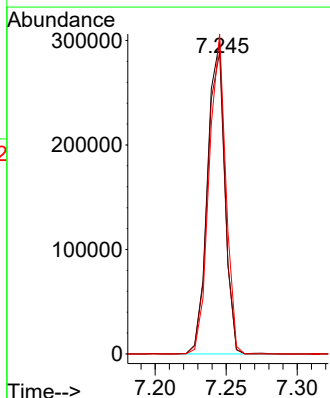
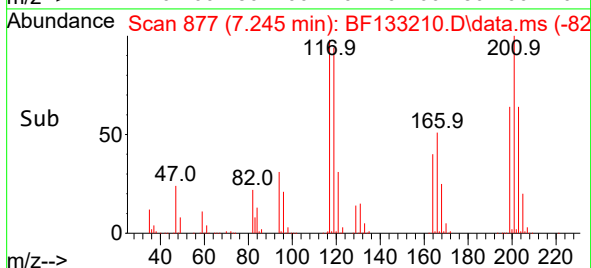
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

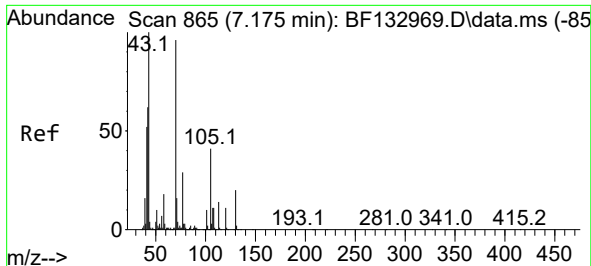


#18
Hexachloroethane
Concen: 51.736 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.000 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43



Tgt Ion:117 Resp: 254941
Ion Ratio Lower Upper
117 100
119 96.5 78.2 117.4
201 102.4 81.7 122.5





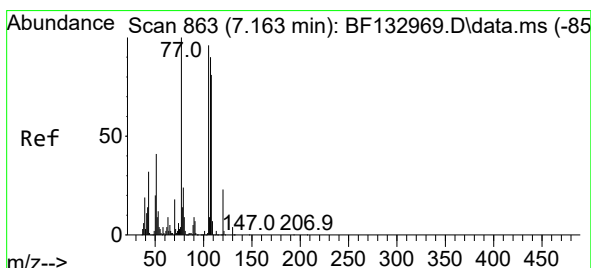
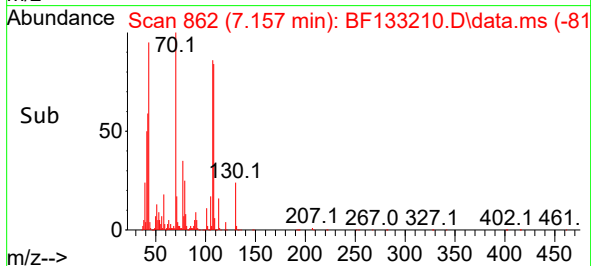
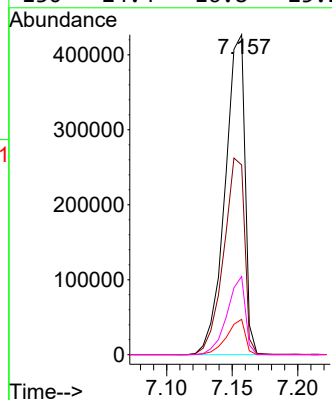
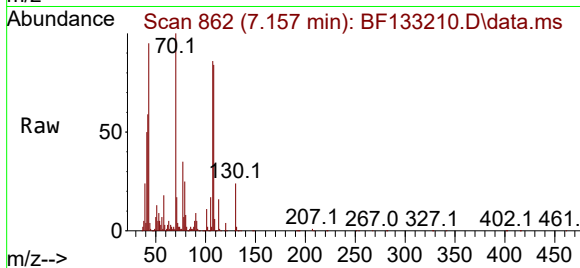
#19
n-Nitroso-di-n-propylamine
Concen: 44.552 ng
RT: 7.157 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

Instrument :
BNA_F
ClientSampleId :
CF-24MS

Tgt Ion: 70 Resp: 451014
Ion Ratio Lower Upper
70 100
42 59.3 51.8 77.6
101 11.0 8.0 12.0
130 24.4 16.8 25.2

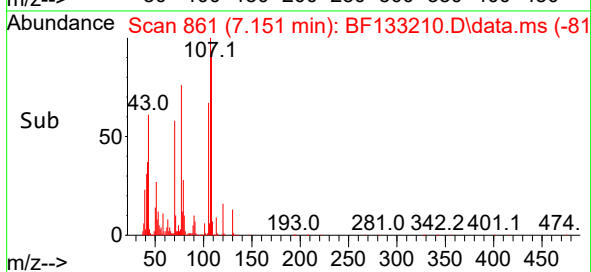
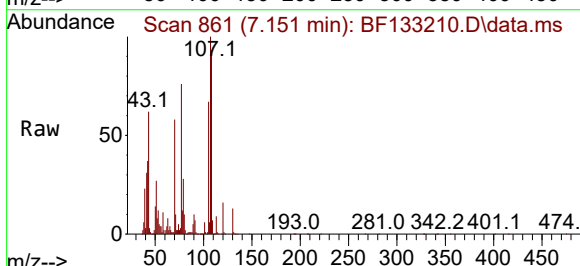
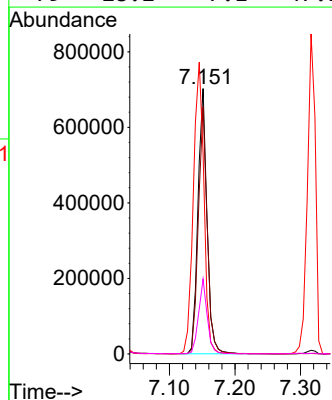
Manual Integrations
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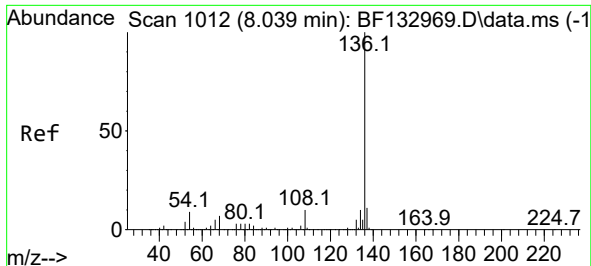
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#20
3+4-Methylphenols
Concen: 47.354 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.000 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

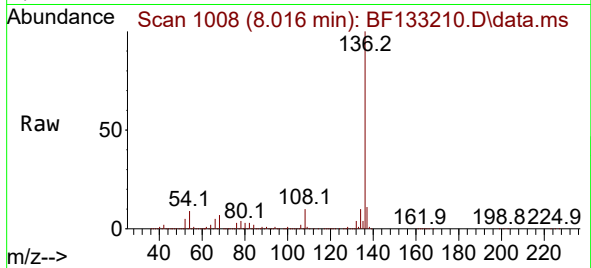
Tgt Ion:107 Resp: 679245
Ion Ratio Lower Upper
107 100
108 93.2 70.5 110.5
77 75.5 91.7 131.7#
79 28.2 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

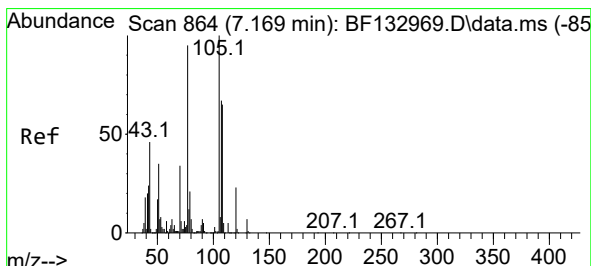
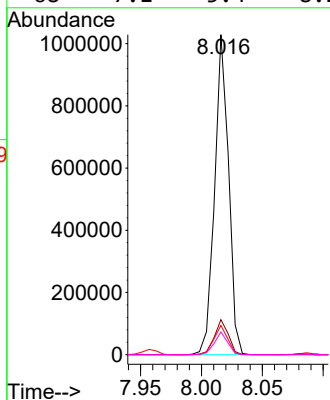
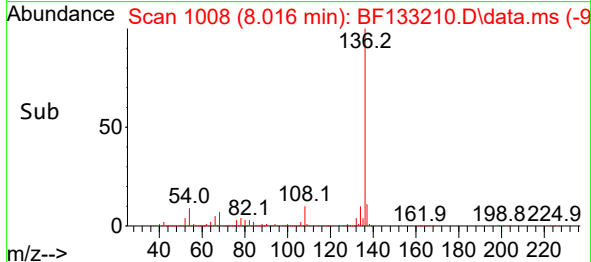
Instrument :
BNA_F
ClientSampleId :
CF-24MS



Tgt Ion:136 Resp: 818790
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.1 7.0 10.4
68 7.1 5.4 8.2

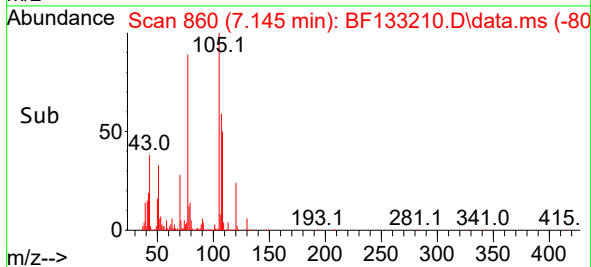
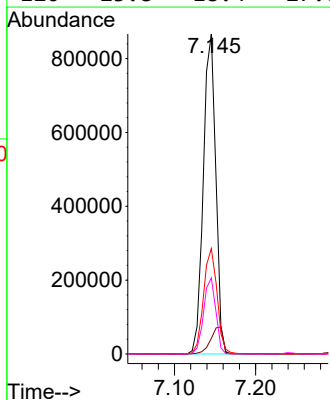
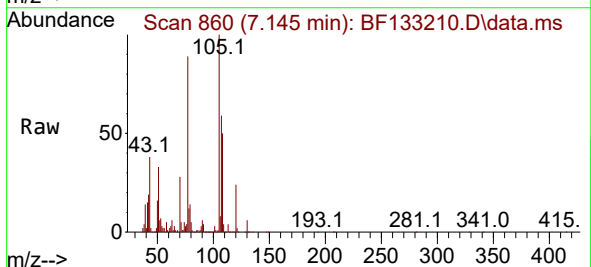
Manual Integrations
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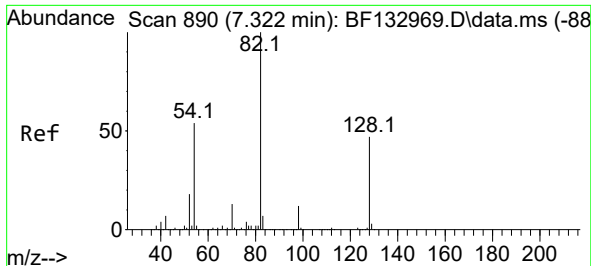
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#22
Acetophenone
Concen: 48.478 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

Tgt Ion:105 Resp: 919487
Ion Ratio Lower Upper
105 100
71 4.9 4.6 7.0
51 33.0 28.2 42.2
120 23.8 18.4 27.6





#23

Nitrobenzene-d5

Concen: 59.991 ng

RT: 7.298 min Scan# 886

Delta R.T. -0.000 min

Lab File: BF133210.D

Acq: 03 May 2023 16:43

Instrument :

BNA_F

ClientSampleId :

CF-24MS

Tgt Ion: 82 Resp: 910020

Ion Ratio Lower Upper

82 100

128 49.0 37.7 56.5

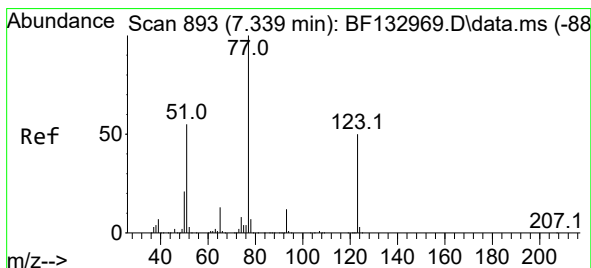
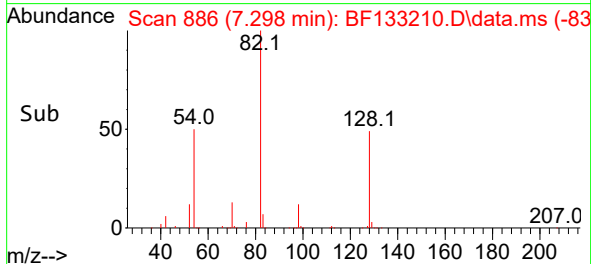
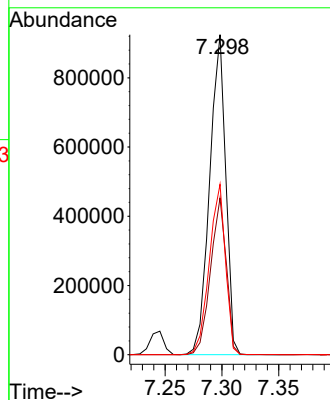
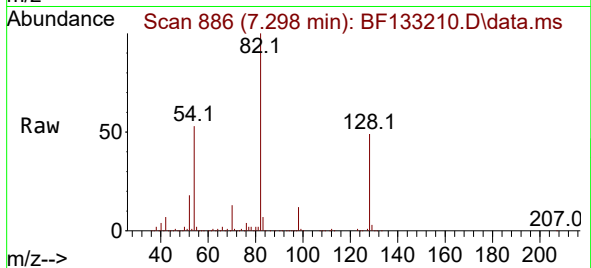
54 53.3 43.0 64.4

Manual Integrations

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Reviewed By :Christian Giraldo 05/04/2023

Supervised By :Jagrut Upadhyay 05/04/2023



#24

Nitrobenzene

Concen: 46.638 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.000 min

Lab File: BF133210.D

Acq: 03 May 2023 16:43

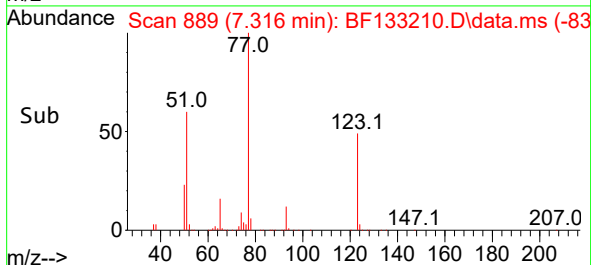
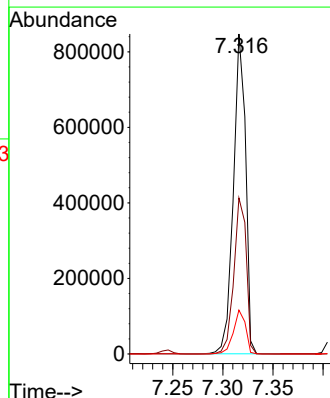
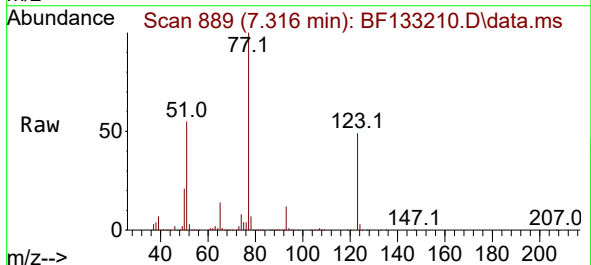
Tgt Ion: 77 Resp: 716898

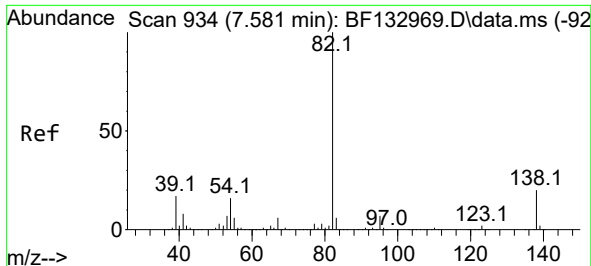
Ion Ratio Lower Upper

77 100

123 48.7 39.9 59.9

65 13.7 10.7 16.1





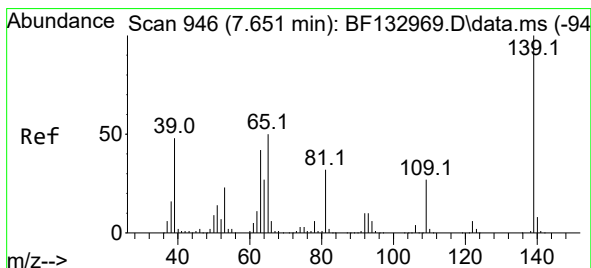
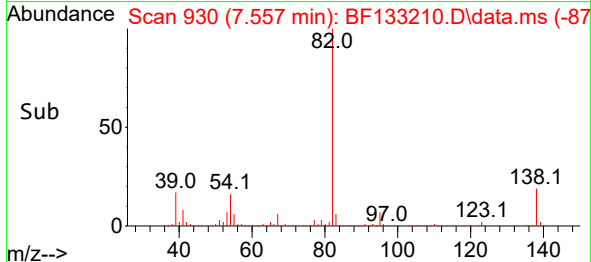
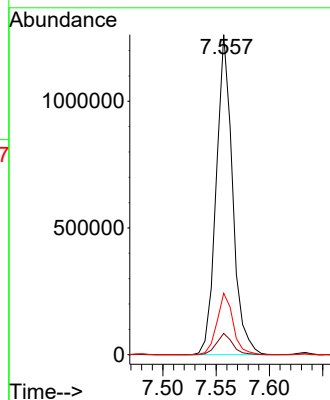
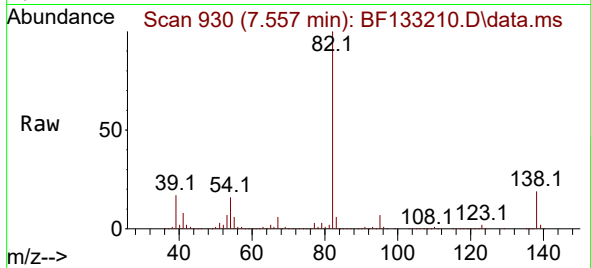
#25
Isophorone
Concen: 46.576 ng
RT: 7.557 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

Instrument :
BNA_F
ClientSampleId :
CF-24MS

Tgt Ion: 82 Resp: 134145
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 19.2 16.0 24.0

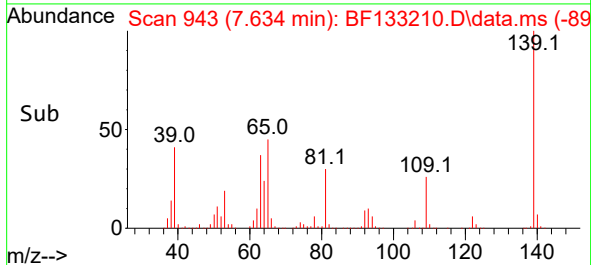
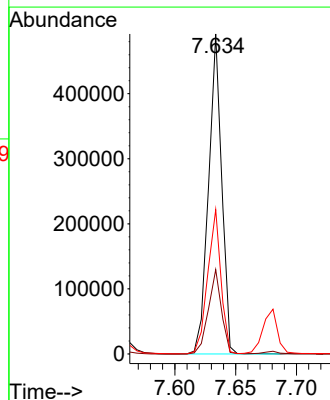
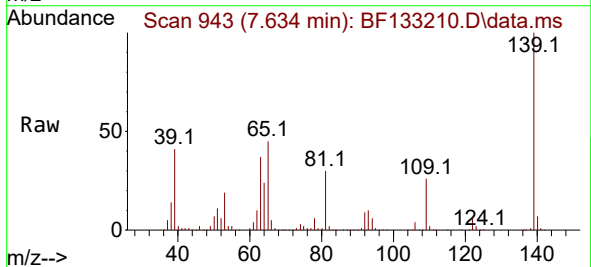
Manual Integrations
APPROVED

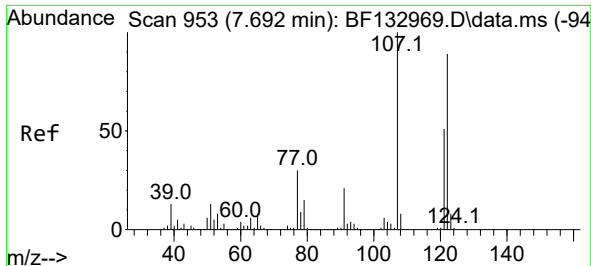
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#26
2-Nitrophenol
Concen: 49.751 ng
RT: 7.634 min Scan# 943
Delta R.T. -0.000 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

Tgt Ion:139 Resp: 368862
Ion Ratio Lower Upper
139 100
109 26.4 21.6 32.4
65 45.1 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 50.203 ng

RT: 7.681 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF133210.D

Acq: 03 May 2023 16:43

Instrument :

BNA_F

ClientSampleId :

CF-24MS

Tgt Ion:122 Resp: 63823

Ion Ratio Lower Upper

122 100

107 109.6 89.7 134.5

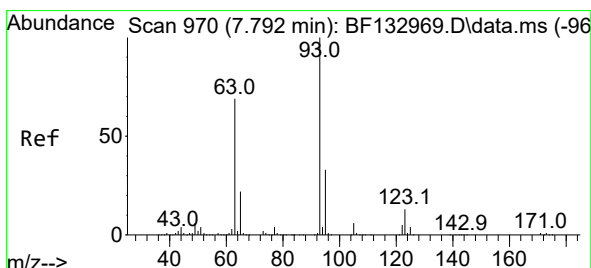
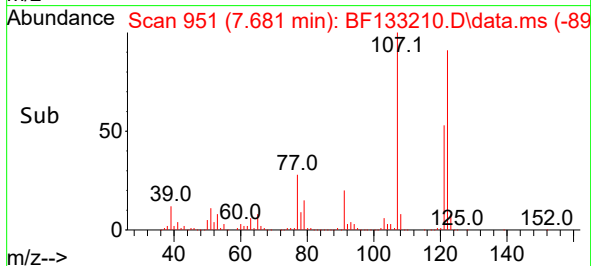
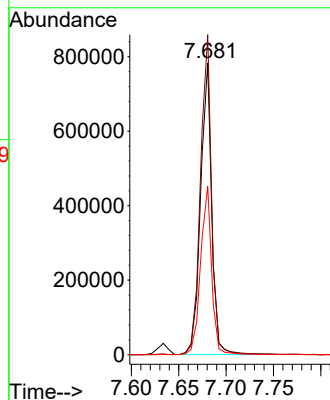
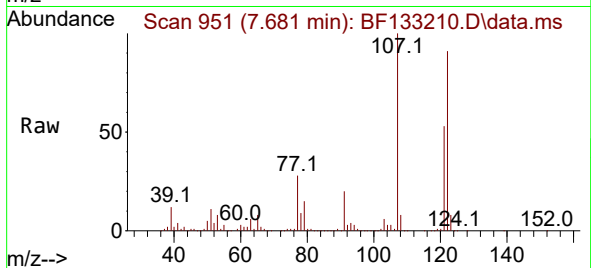
121 57.7 46.0 69.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/04/2023

Supervised By :Jagrut Upadhyay 05/04/2023



#28

bis(2-Chloroethoxy)methane

Concen: 48.009 ng

RT: 7.769 min Scan# 966

Delta R.T. -0.000 min

Lab File: BF133210.D

Acq: 03 May 2023 16:43

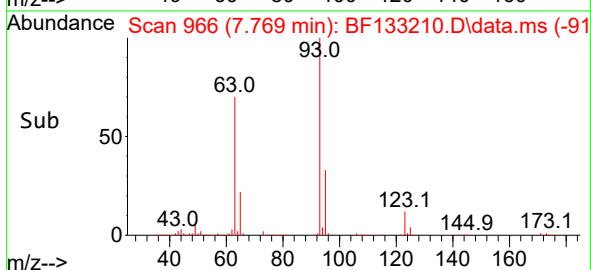
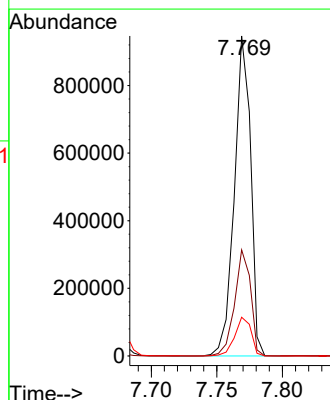
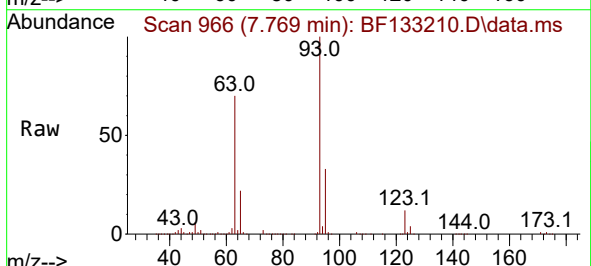
Tgt Ion: 93 Resp: 818004

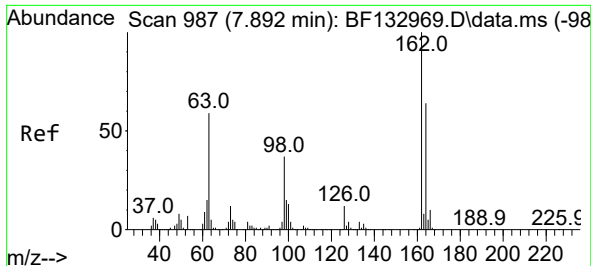
Ion Ratio Lower Upper

93 100

95 33.2 26.4 39.6

123 12.1 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 49.010 ng

RT: 7.881 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF133210.D

Acq: 03 May 2023 16:43

Instrument :

BNA_F

ClientSampleId :

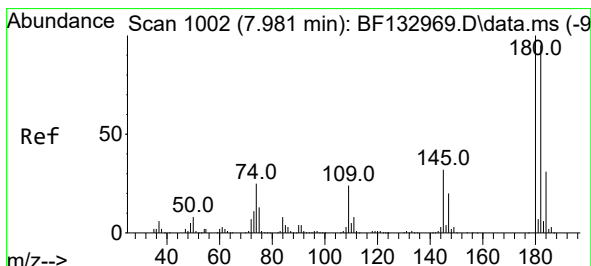
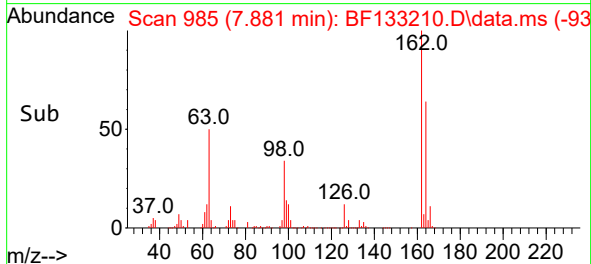
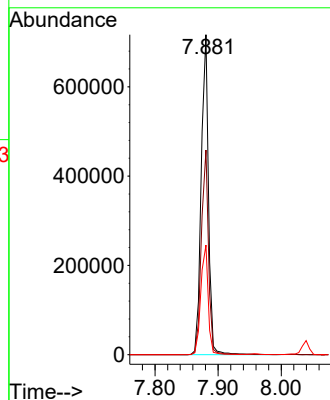
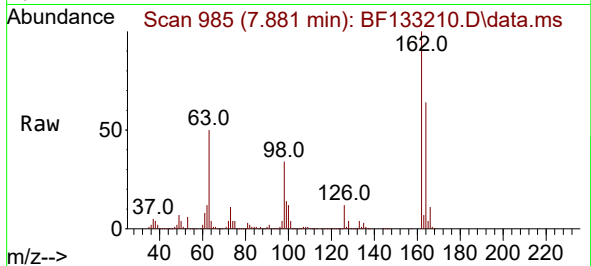
CF-24MS

Tgt Ion:162 Resp: 567200
 Ion Ratio Lower Upper
 162 100
 164 64.0 43.9 83.9
 98 34.3 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: 50.307 ng

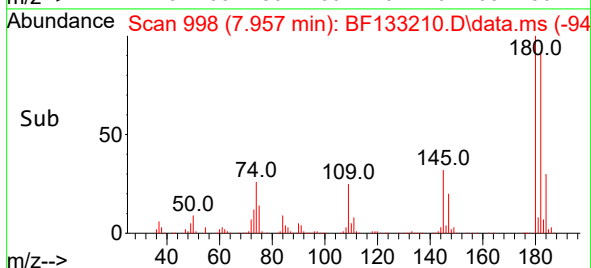
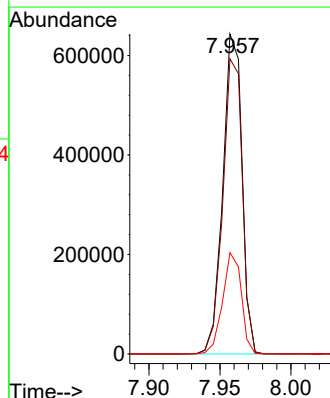
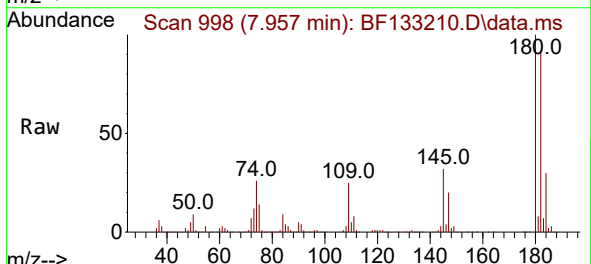
RT: 7.957 min Scan# 998

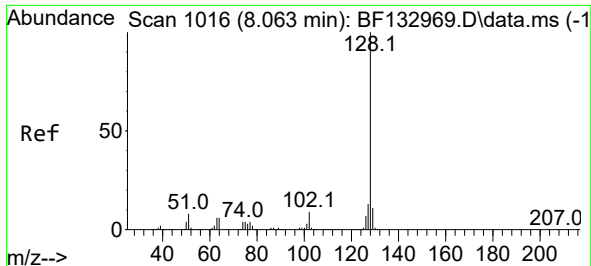
Delta R.T. -0.000 min

Lab File: BF133210.D

Acq: 03 May 2023 16:43

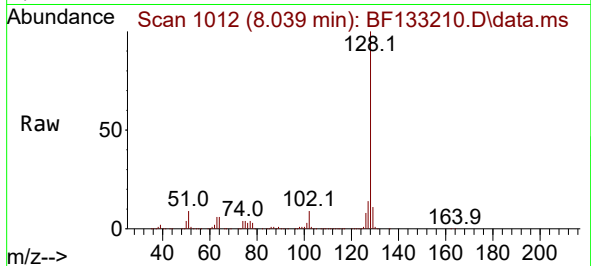
Tgt Ion:180 Resp: 603169
 Ion Ratio Lower Upper
 180 100
 182 92.3 75.9 113.9
 145 31.6 25.3 37.9





#31
Naphthalene
Concen: 46.725 ng
RT: 8.039 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

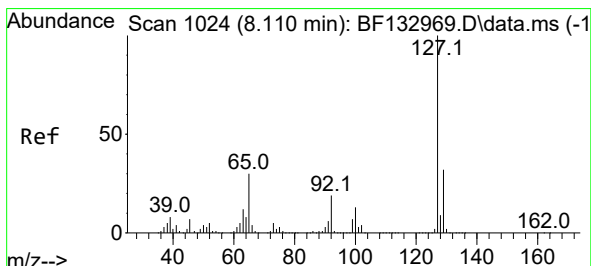
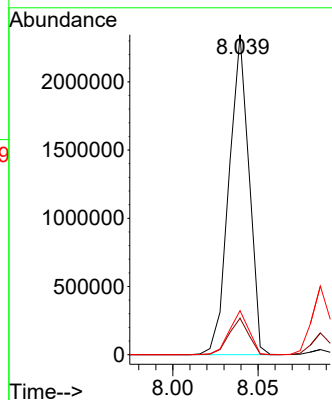
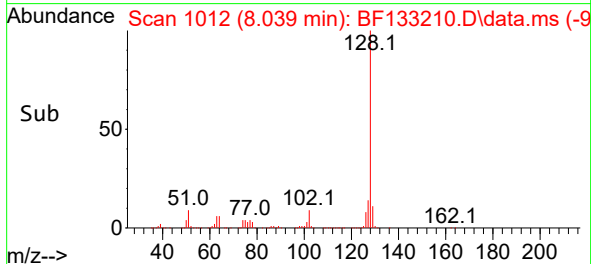
Instrument :
BNA_F
ClientSampleId :
CF-24MS



Tgt Ion:128 Resp: 1912789
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.8 10.7 16.1

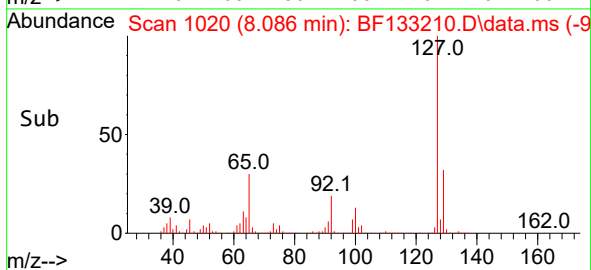
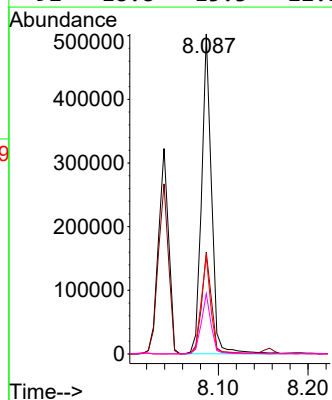
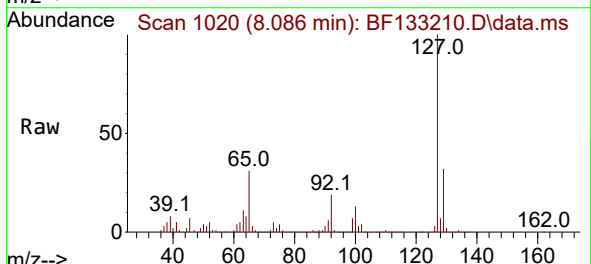
Manual Integrations
APPROVED

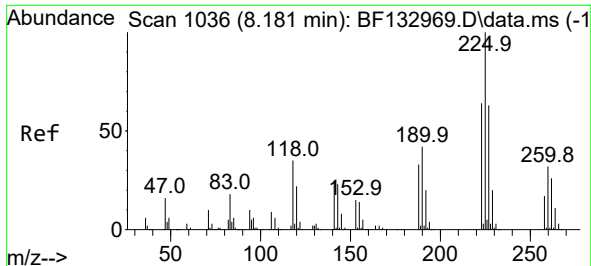
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#33
4-Chloroaniline
Concen: 23.292 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

Tgt Ion:127 Resp: 385245
Ion Ratio Lower Upper
127 100
129 31.8 25.8 38.8
65 30.5 23.6 35.4
92 18.8 15.3 22.9





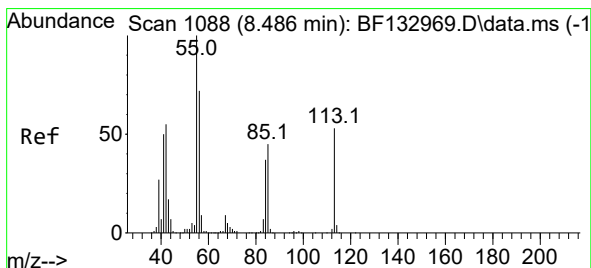
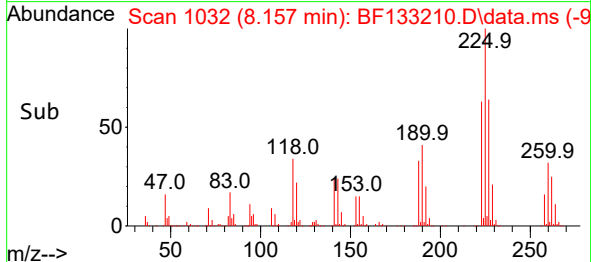
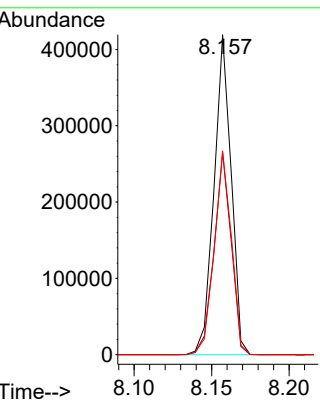
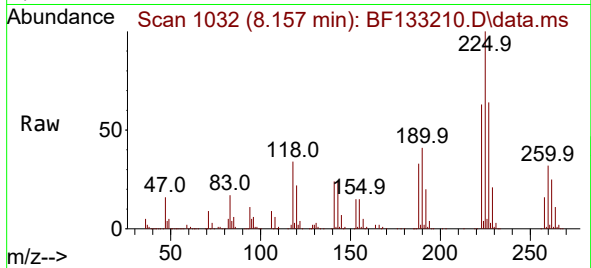
#34
Hexachlorobutadiene
Concen: 48.488 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

Instrument :
BNA_F
ClientSampleId :
CF-24MS

Tgt Ion:225 Resp: 322210
Ion Ratio Lower Upper
225 100
223 63.2 50.9 76.3
227 63.7 50.3 75.5

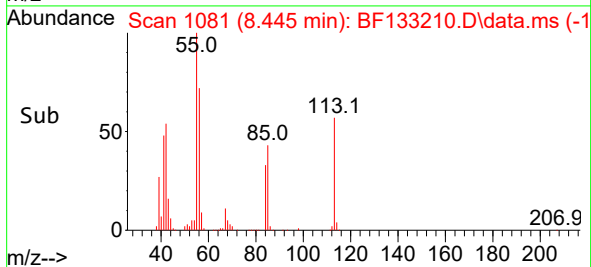
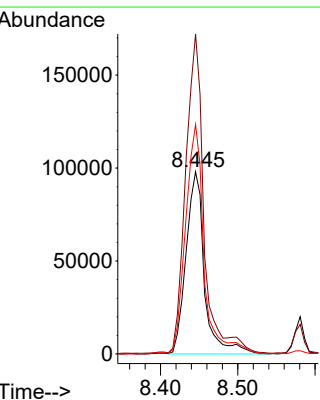
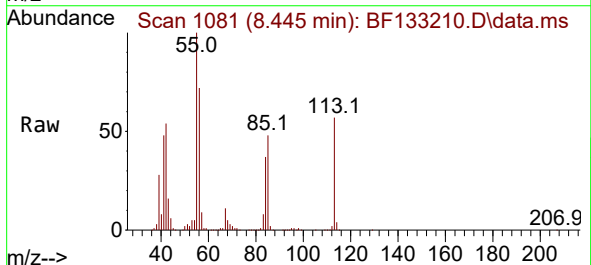
Manual Integrations
APPROVED

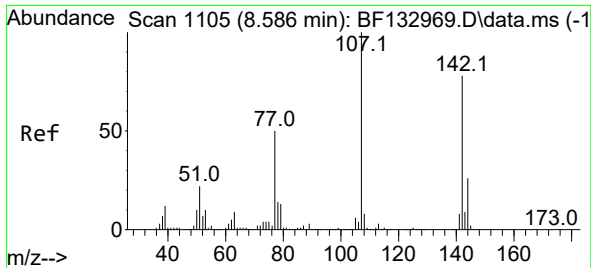
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#35
Caprolactam
Concen: 41.622 ng m
RT: 8.445 min Scan# 1081
Delta R.T. -0.018 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

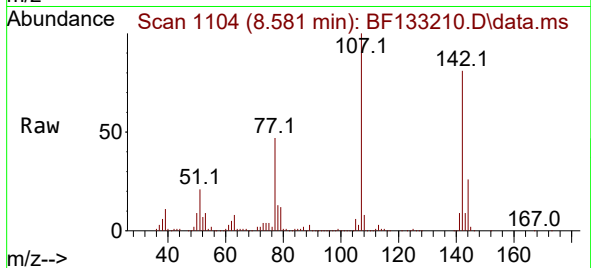
Tgt Ion:113 Resp: 161821
Ion Ratio Lower Upper
113 100
55 175.6 167.1 207.1
56 126.0 114.5 154.5





#36
4-Chloro-3-methylphenol
Concen: 48.591 ng
RT: 8.581 min Scan# 1104
Delta R.T. 0.006 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

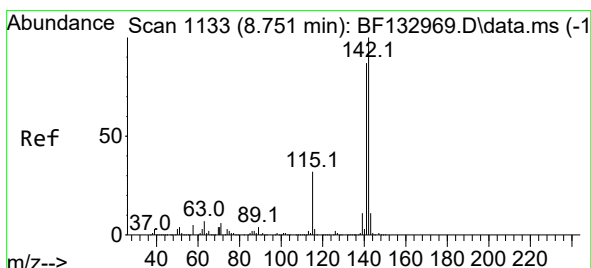
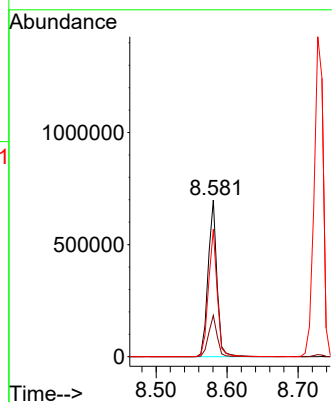
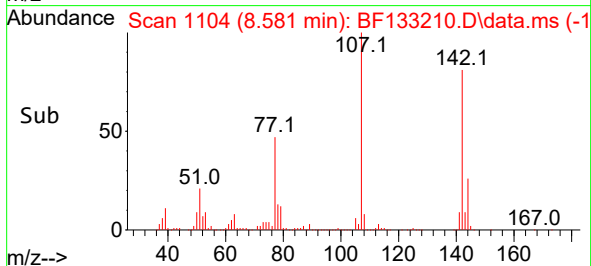
Instrument :
BNA_F
ClientSampleId :
CF-24MS



Tgt Ion:107 Resp: 606429
Ion Ratio Lower Upper
107 100
144 26.3 20.6 30.8
142 81.3 62.8 94.2

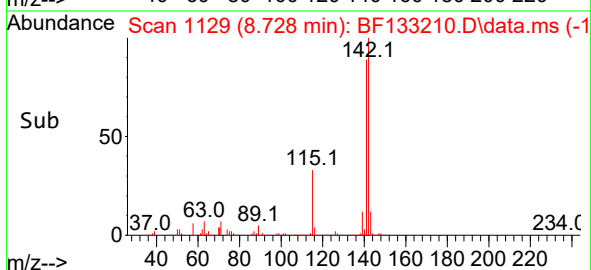
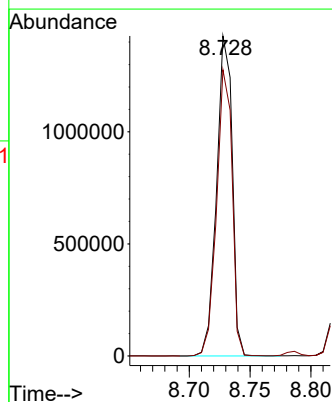
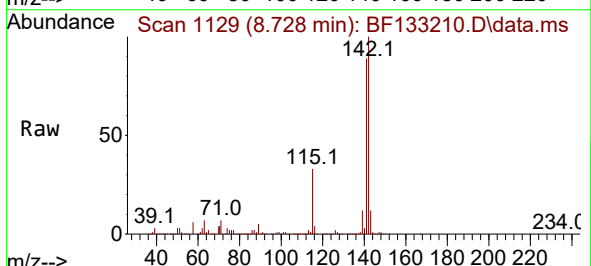
Manual Integrations
APPROVED

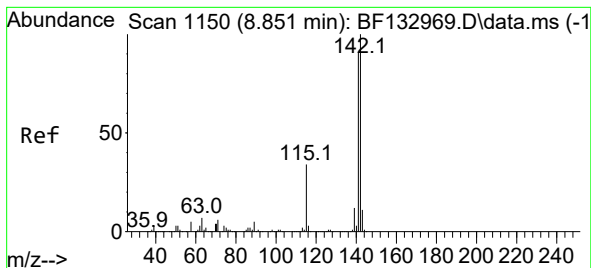
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#37
2-Methylnaphthalene
Concen: 45.526 ng
RT: 8.728 min Scan# 1129
Delta R.T. -0.000 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

Tgt Ion:142 Resp: 1274175
Ion Ratio Lower Upper
142 100
141 89.5 69.4 104.0





#38

1-Methylnaphthalene

Concen: 45.639 ng

RT: 8.828 min Scan# 1146

Delta R.T. -0.000 min

Lab File: BF133210.D

Acq: 03 May 2023 16:43

Instrument :

BNA_F

ClientSampleId :

CF-24MS

Tgt Ion:142 Resp: 1194919

Ion Ratio Lower Upper

142 100

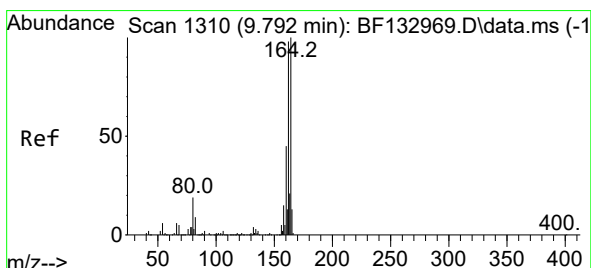
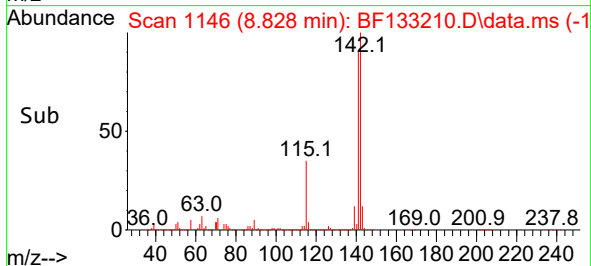
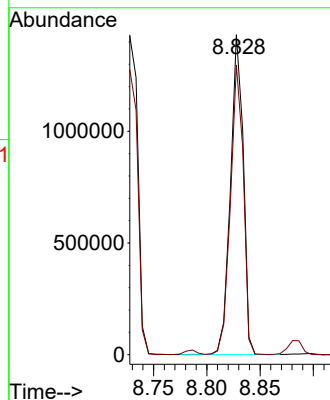
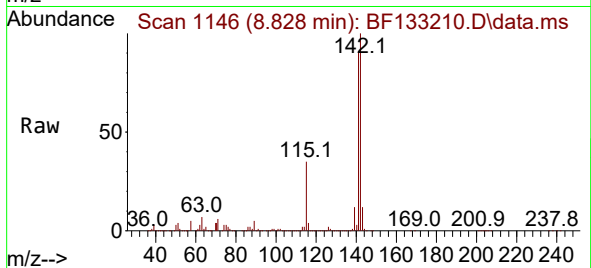
141 90.5 73.1 109.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/04/2023

Supervised By :Jagrut Upadhyay 05/04/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1306

Delta R.T. -0.000 min

Lab File: BF133210.D

Acq: 03 May 2023 16:43

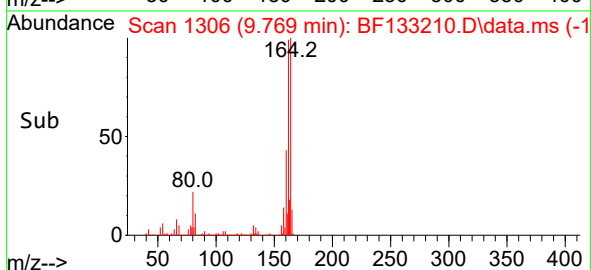
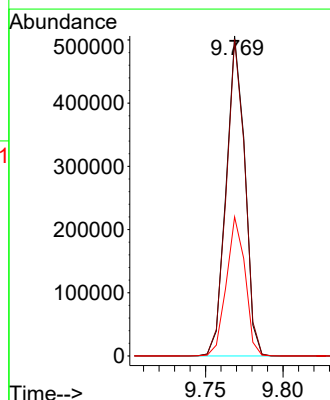
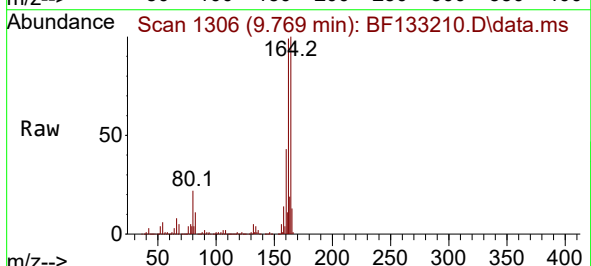
Tgt Ion:164 Resp: 422731

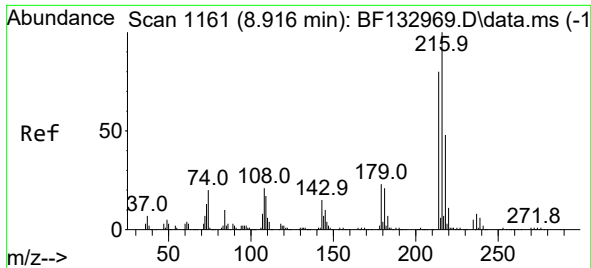
Ion Ratio Lower Upper

164 100

162 99.0 78.7 118.1

160 43.4 35.8 53.6





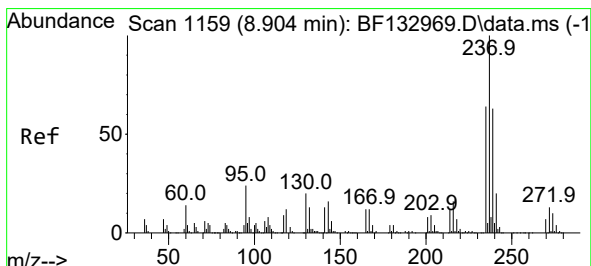
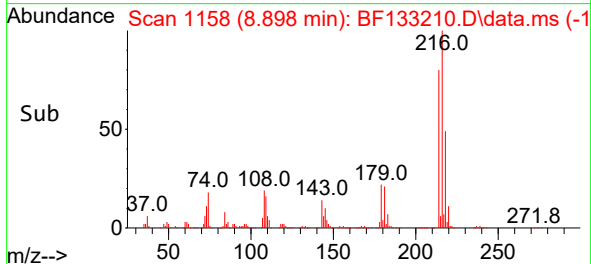
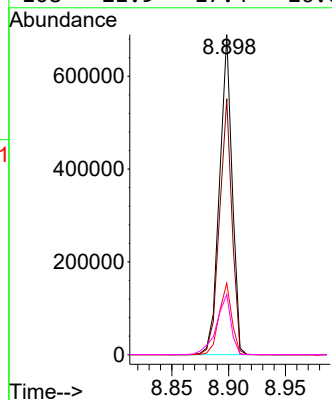
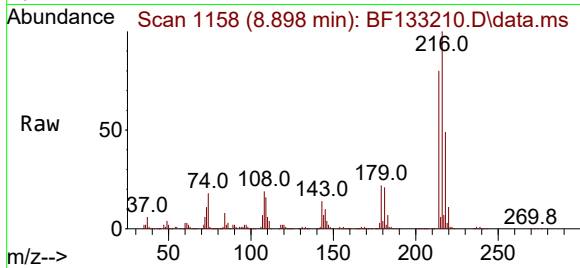
#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.935 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

Instrument :
BNA_F
ClientSampleId :
CF-24MS

Tgt Ion:216 Resp: 533460
Ion Ratio Lower Upper
216 100
214 79.1 63.5 95.3
179 22.4 17.4 26.2
108 21.9 17.4 26.0

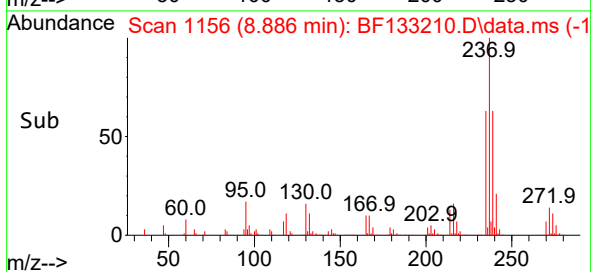
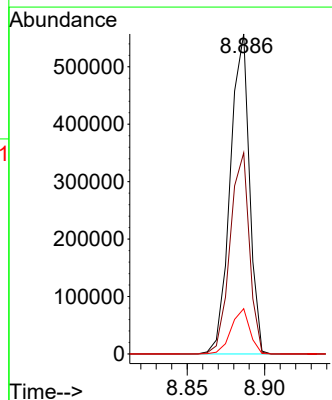
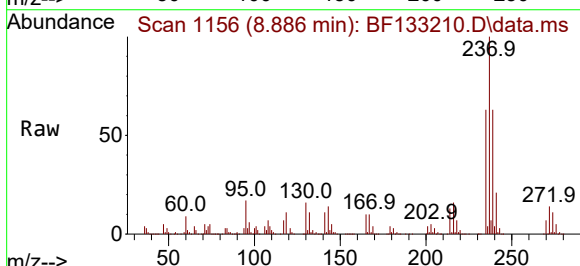
Manual Integrations
APPROVED

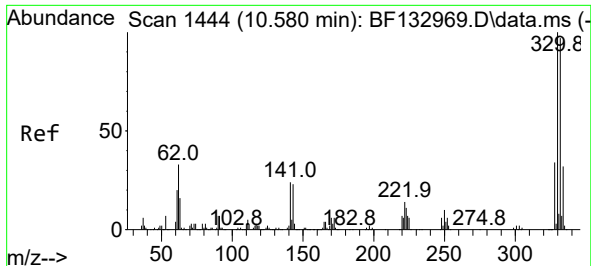
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#41
Hexachlorocyclopentadiene
Concen: 72.560 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.006 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

Tgt Ion:237 Resp: 480981
Ion Ratio Lower Upper
237 100
235 62.9 43.5 83.5
272 14.2 0.0 32.7





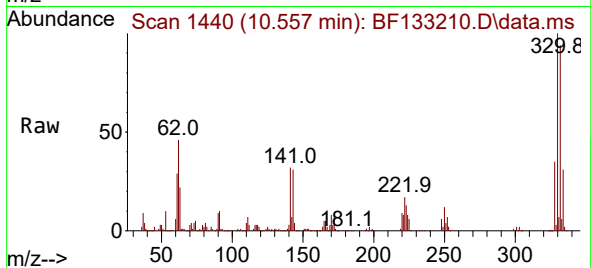
#42
2,4,6-Tribromophenol
Concen: 53.971 ng
RT: 10.557 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

Instrument :

BNA_F

ClientSampleId :

CF-24MS

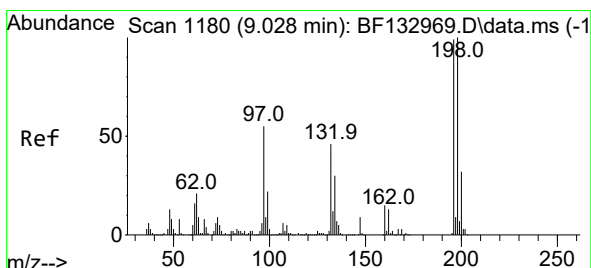
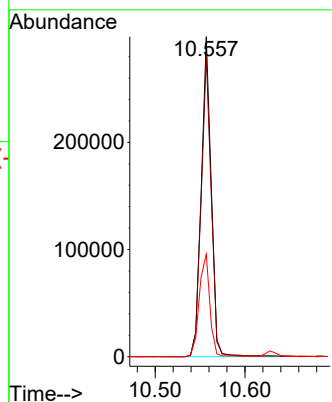
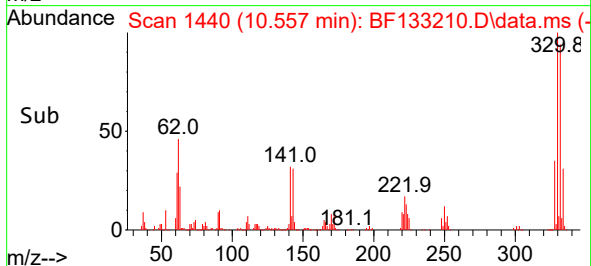


Tgt Ion:330 Resp: 229449
Ion Ratio Lower Upper
330 100
332 95.7 77.1 115.7
141 34.2 25.8 38.8

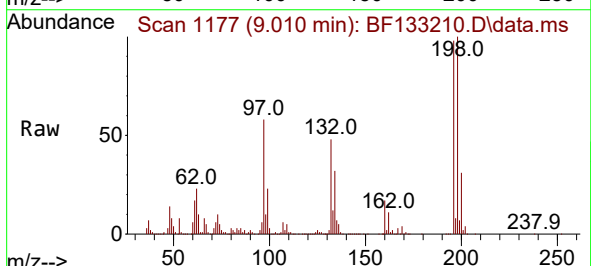
Manual Integrations

APPROVED

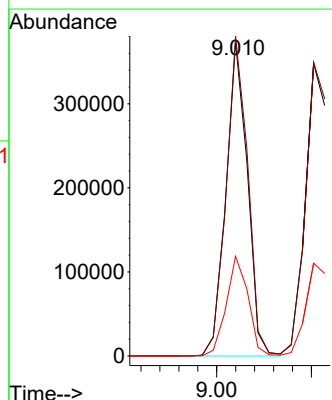
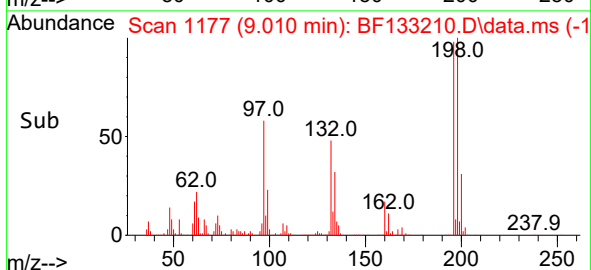
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

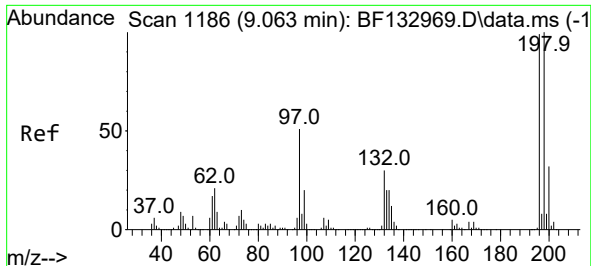


#43
2,4,6-Trichlorophenol
Concen: 37.363 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43



Tgt Ion:196 Resp: 293691
Ion Ratio Lower Upper
196 100
198 101.9 81.0 121.6
200 31.7 26.1 39.1





#44
2,4,5-Trichlorophenol
Concen: 33.968 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

Instrument :

BNA_F

ClientSampleId :

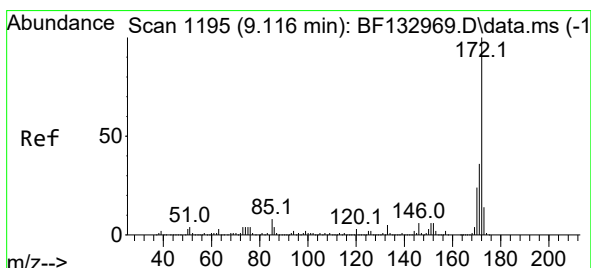
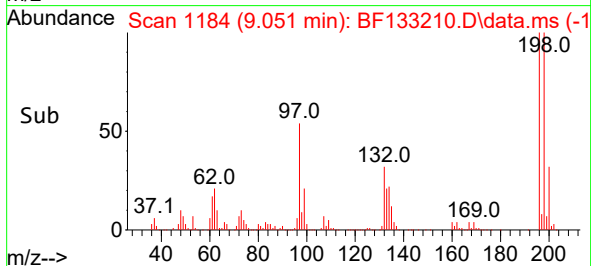
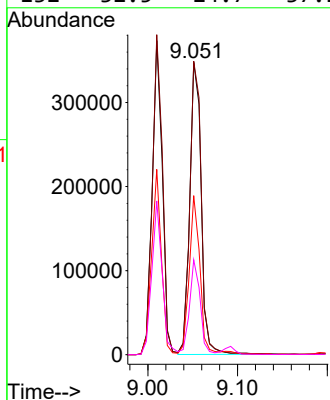
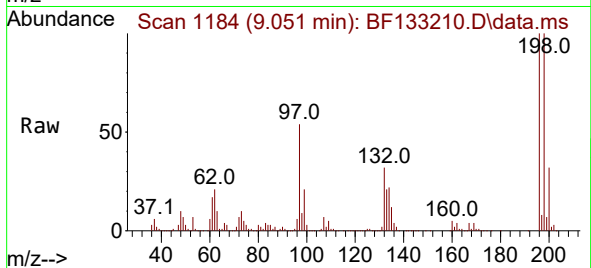
CF-24MS

Tgt Ion:196 Resp: 308795
Ion Ratio Lower Upper
196 100
198 100.5 80.9 121.3
97 54.4 41.3 61.9
132 32.5 24.7 37.1

Manual Integrations

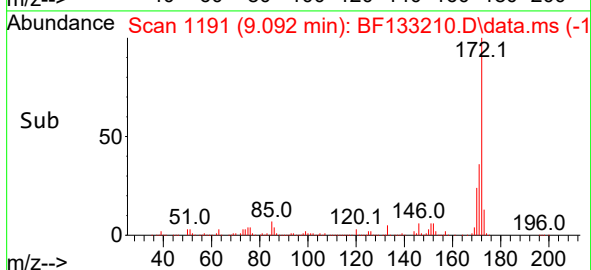
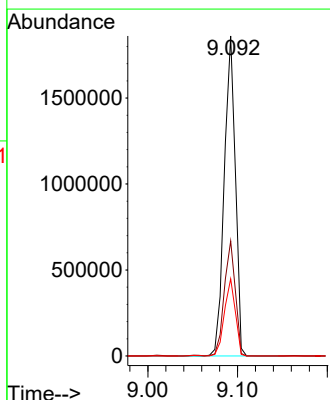
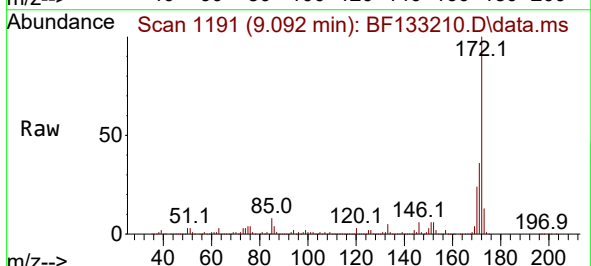
APPROVED

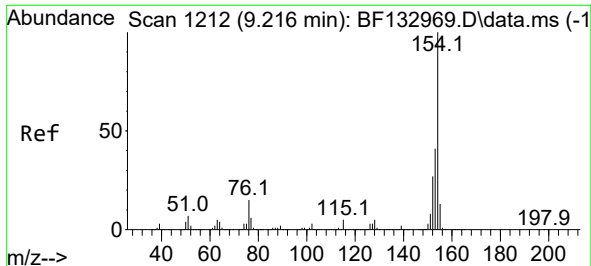
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#45
2-Fluorobiphenyl
Concen: 63.220 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

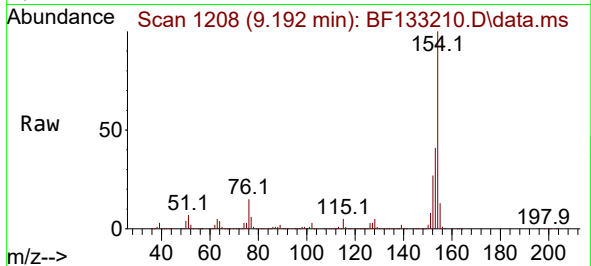
Tgt Ion:172 Resp: 1597427
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 24.1 19.4 29.2





#46
1,1'-Biphenyl
Concen: 46.618 ng
RT: 9.192 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

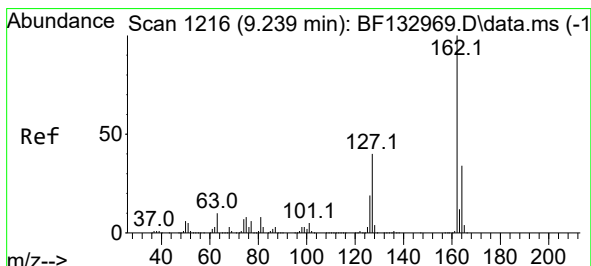
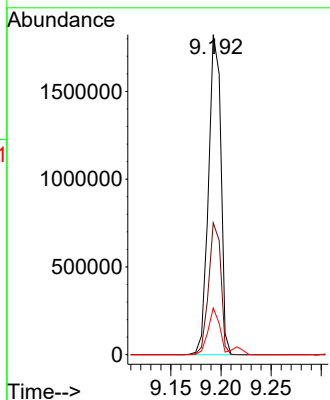
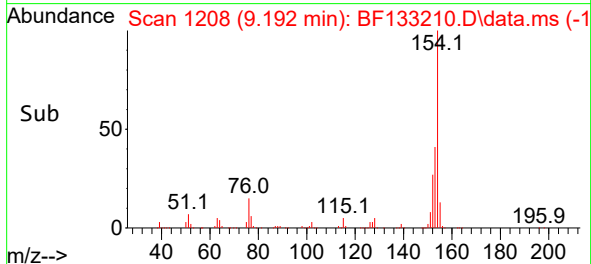
Instrument :
BNA_F
ClientSampleId :
CF-24MS



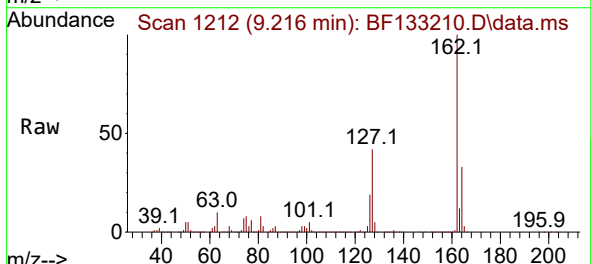
Tgt Ion:154 Resp: 1562674
Ion Ratio Lower Upper
154 100
153 41.2 21.0 61.0
76 14.6 0.0 34.5

Manual Integrations
APPROVED

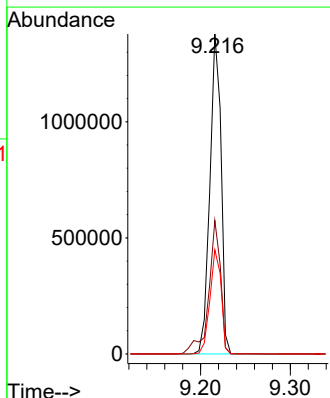
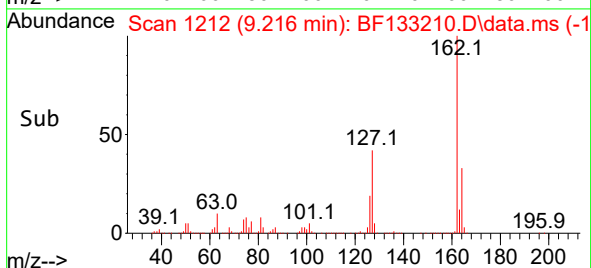
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

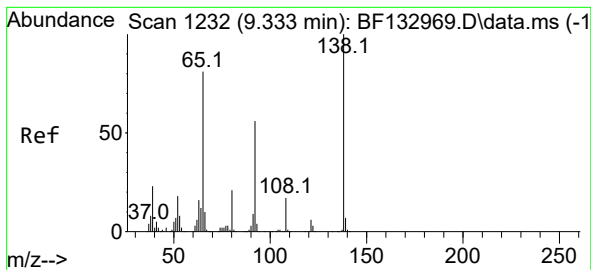


#47
2-Chloronaphthalene
Concen: 48.515 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43



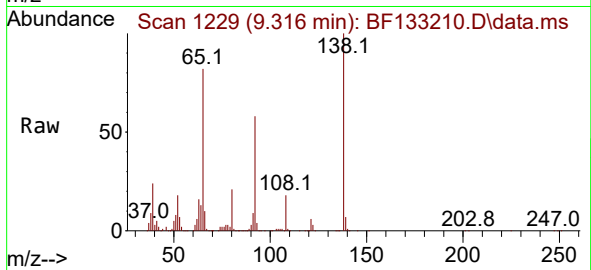
Tgt Ion:162 Resp: 1190309
Ion Ratio Lower Upper
162 100
127 41.7 32.3 48.5
164 32.5 26.8 40.2





#48
2-Nitroaniline
Concen: 47.587 ng
RT: 9.316 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

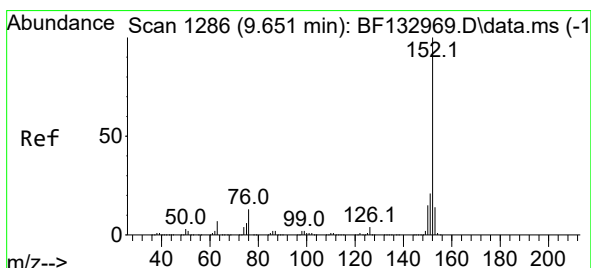
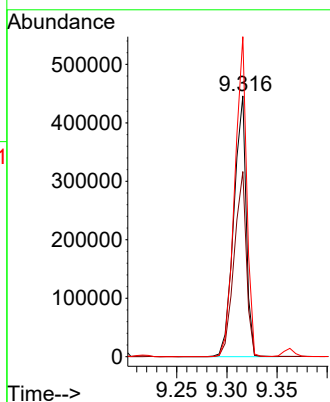
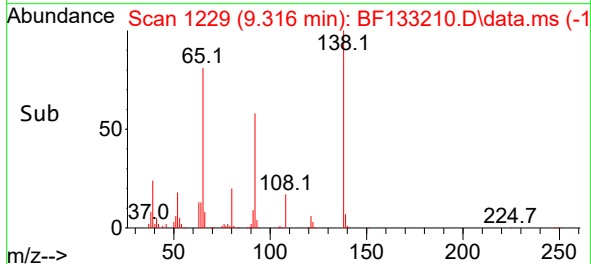
Instrument :
BNA_F
ClientSampleId :
CF-24MS



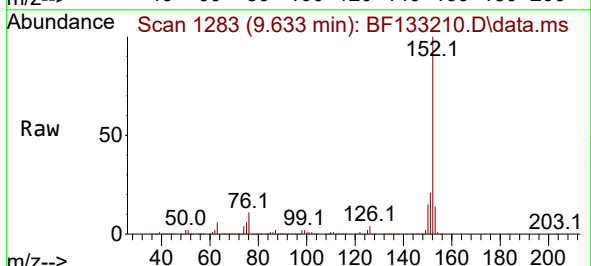
Tgt Ion: 65 Resp: 385872
Ion Ratio Lower Upper
65 100
92 71.0 55.4 83.0
138 122.7 98.2 147.2

Manual Integrations
APPROVED

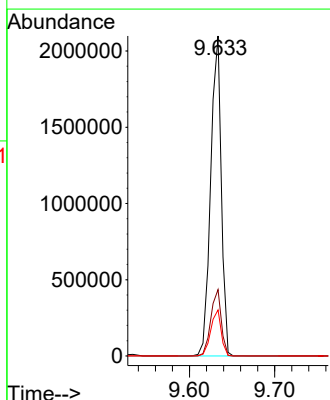
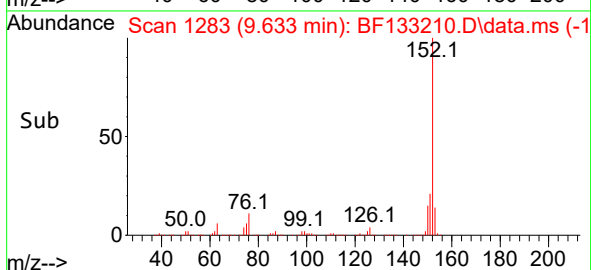
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

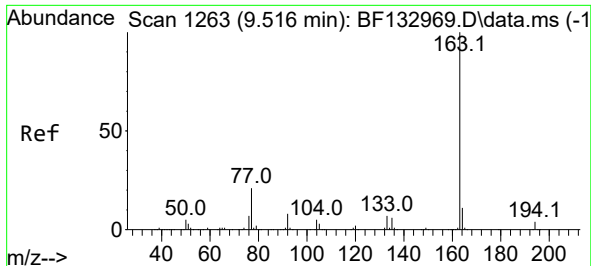


#49
Acenaphthylene
Concen: 46.338 ng
RT: 9.633 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43



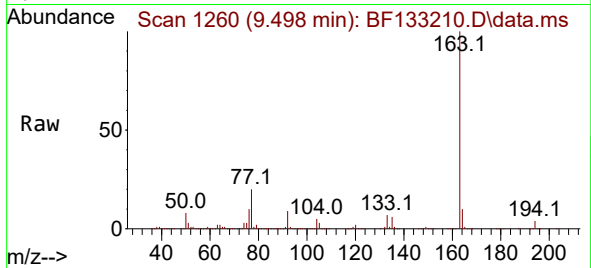
Tgt Ion:152 Resp: 1816602
Ion Ratio Lower Upper
152 100
151 20.8 16.6 24.8
153 14.4 11.5 17.3





#50
Dimethylphthalate
Concen: 48.256 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.000 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

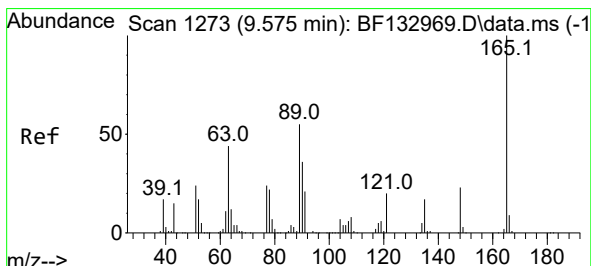
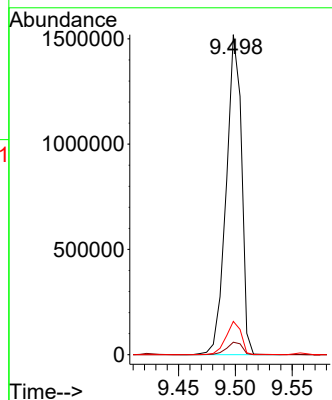
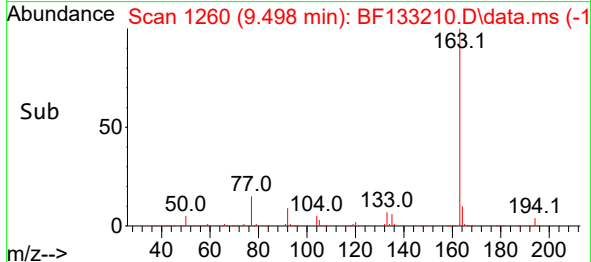
Instrument :
BNA_F
ClientSampleId :
CF-24MS



Tgt Ion:163 Resp: 142242
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.4 8.5 12.7

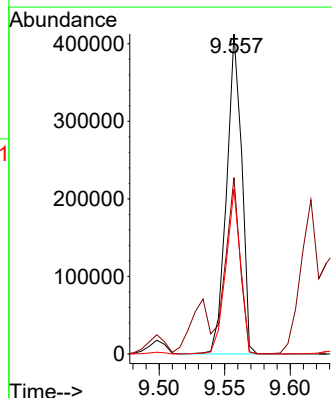
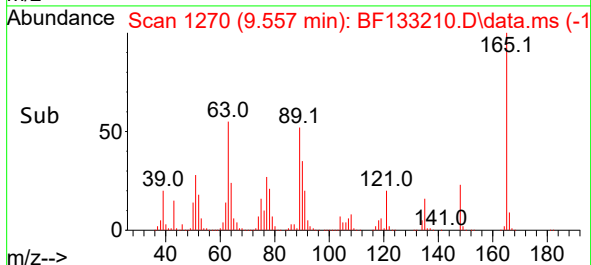
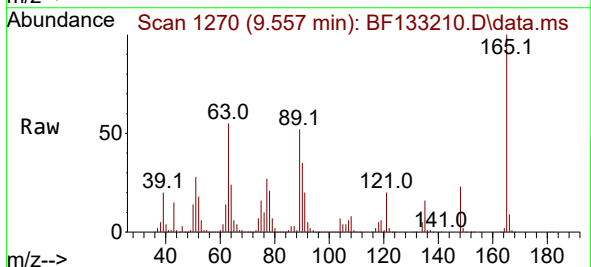
Manual Integrations
APPROVED

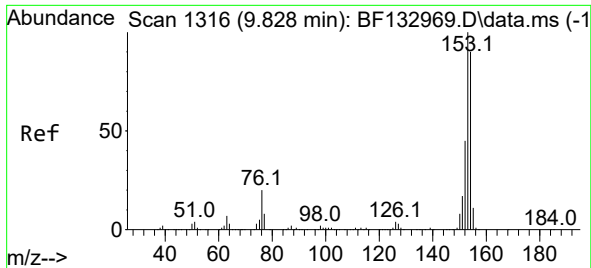
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#51
2,6-Dinitrotoluene
Concen: 49.732 ng
RT: 9.557 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

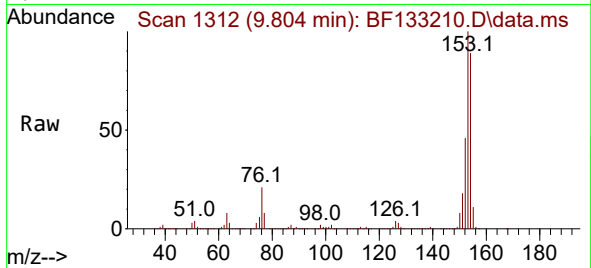
Tgt Ion:165 Resp: 329938
Ion Ratio Lower Upper
165 100
63 55.1 45.9 68.9
89 51.6 44.0 66.0





#52
Acenaphthene
Concen: 42.629 ng
RT: 9.804 min Scan# 1119270
Delta R.T. -0.000 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

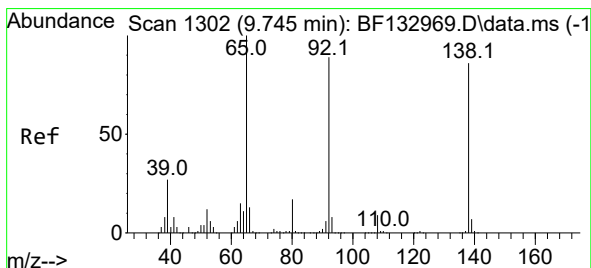
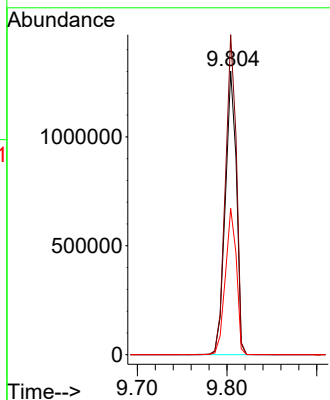
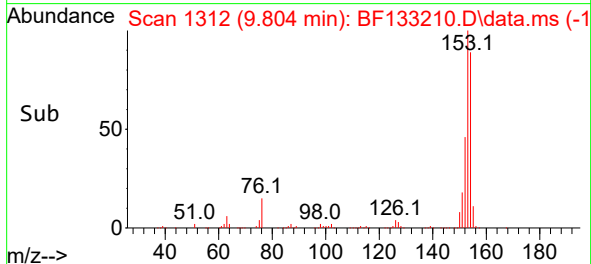
Instrument :
BNA_F
ClientSampleId :
CF-24MS



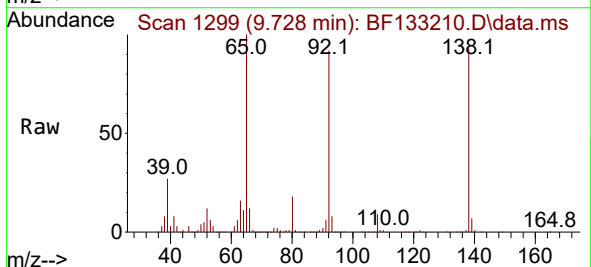
Tgt Ion:154 Resp: 1119270
Ion Ratio Lower Upper
154 100
153 112.8 89.0 133.6
152 51.5 40.4 60.6

Manual Integrations
APPROVED

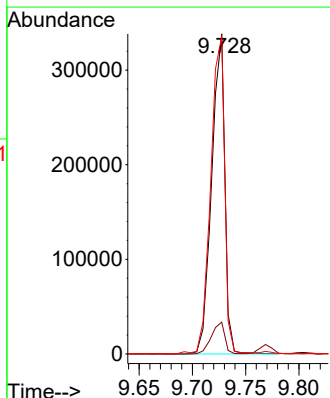
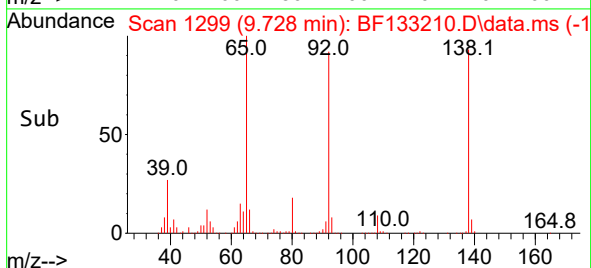
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

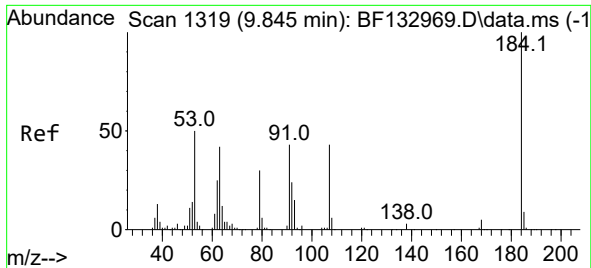


#53
3-Nitroaniline
Concen: 36.739 ng
RT: 9.728 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43



Tgt Ion:138 Resp: 289810
Ion Ratio Lower Upper
138 100
108 10.0 8.0 12.0
92 99.1 83.6 125.4





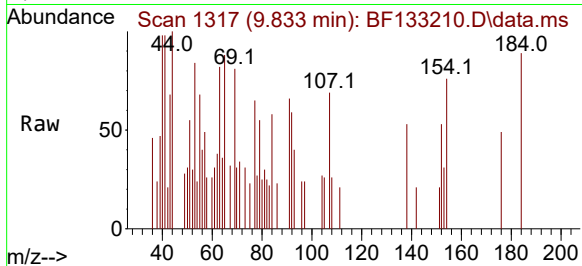
#54
2,4-Dinitrophenol
Concen: 0.239 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

Instrument :

BNA_F

ClientSampleId :

CF-24MS

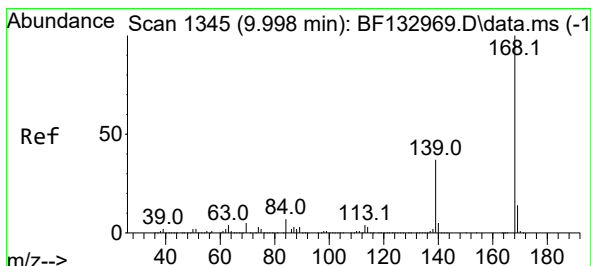
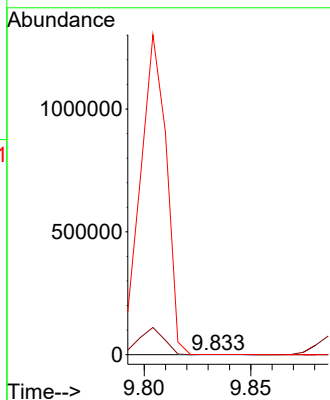
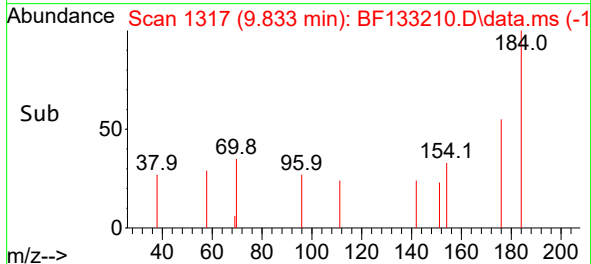


Tgt Ion:184 Resp: 798
Ion Ratio Lower Upper
184 100
63 92.9 49.8 74.8
154 85.1 49.5 74.3

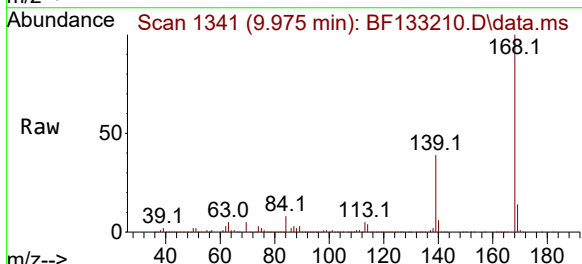
Manual Integrations

APPROVED

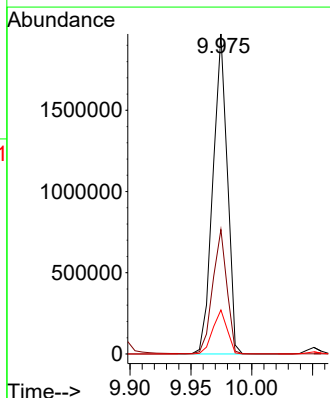
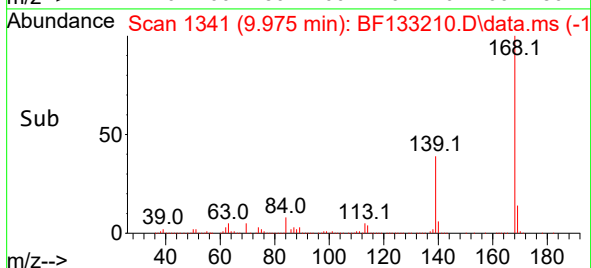
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

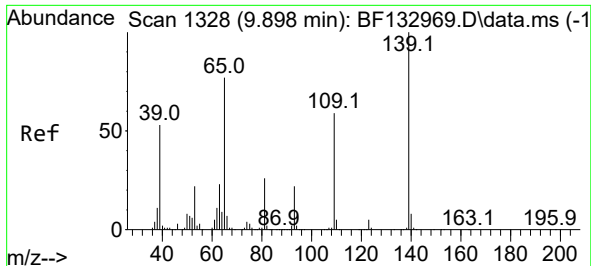


#55
Dibenzofuran
Concen: 45.291 ng
RT: 9.975 min Scan# 1341
Delta R.T. -0.000 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43



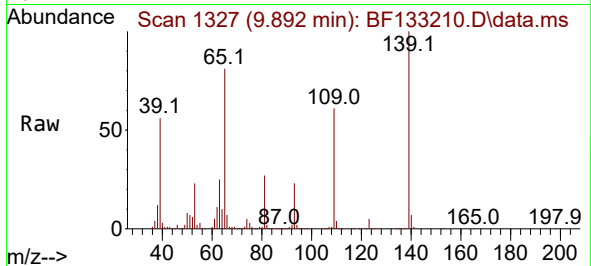
Tgt Ion:168 Resp: 1622144
Ion Ratio Lower Upper
168 100
139 38.9 29.8 44.8
169 13.8 10.8 16.2





#56
4-Nitrophenol
Concen: 50.321 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

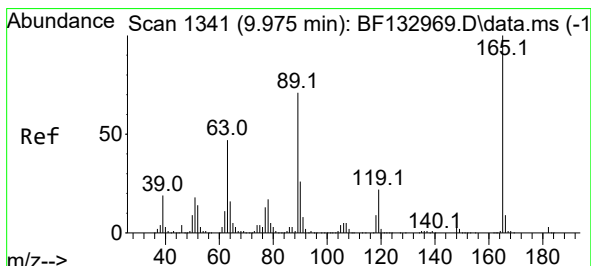
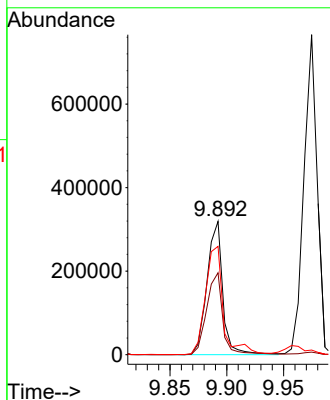
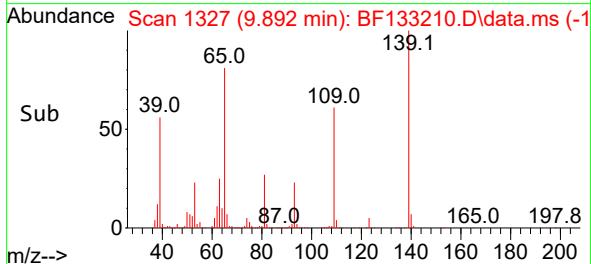
Instrument :
BNA_F
ClientSampleId :
CF-24MS



Tgt Ion:139 Resp: 307445
Ion Ratio Lower Upper
139 100
109 61.4 39.4 79.4
65 81.2 57.5 97.5

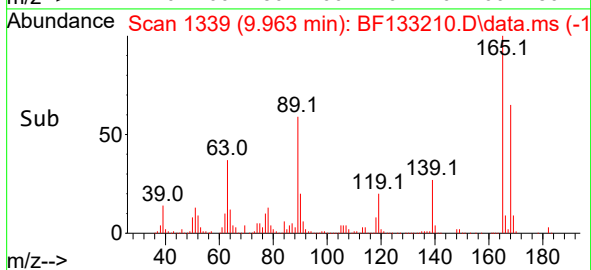
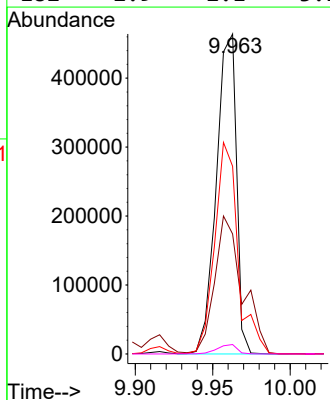
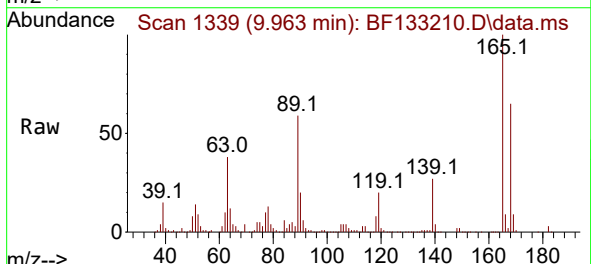
Manual Integrations
APPROVED

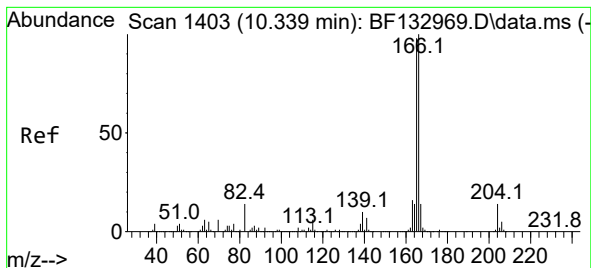
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#57
2,4-Dinitrotoluene
Concen: 49.647 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

Tgt Ion:165 Resp: 420048
Ion Ratio Lower Upper
165 100
63 37.5 37.7 56.5#
89 58.6 57.0 85.4
182 2.9 2.1 3.1





#58

Fluorene

Concen: 44.962 ng

RT: 10.316 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133210.D

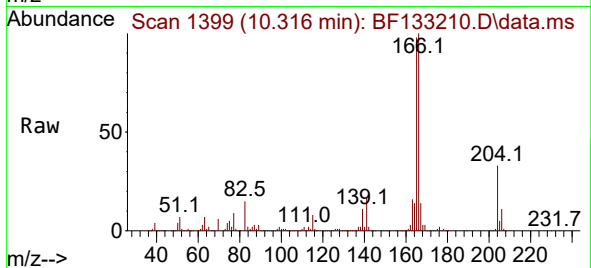
Acq: 03 May 2023 16:43

Instrument :

BNA_F

ClientSampleId :

CF-24MS



Tgt Ion:166 Resp: 117981

Ion Ratio Lower Upper

166 100

165 97.7 78.6 117.8

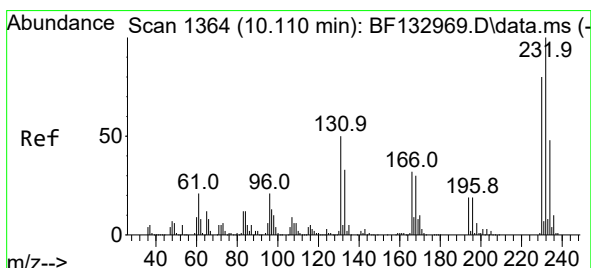
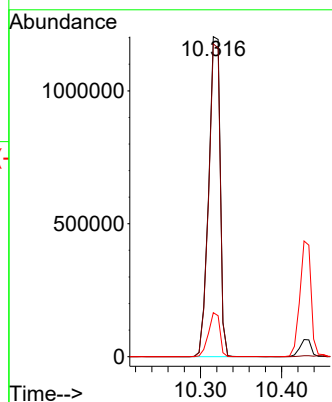
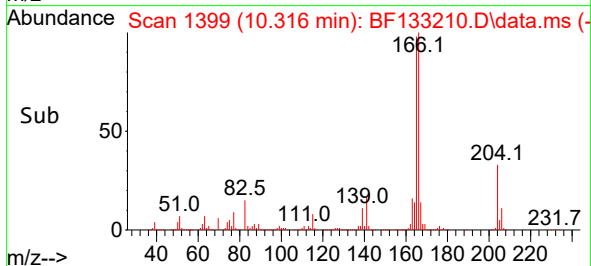
167 13.8 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/04/2023

Supervised By :Jagrut Upadhyay 05/04/2023



#59

2,3,4,6-Tetrachlorophenol

Concen: 22.256 ng

RT: 10.092 min Scan# 1361

Delta R.T. -0.000 min

Lab File: BF133210.D

Acq: 03 May 2023 16:43

Tgt Ion:232 Resp: 156853

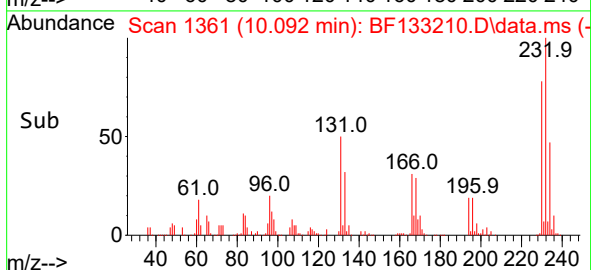
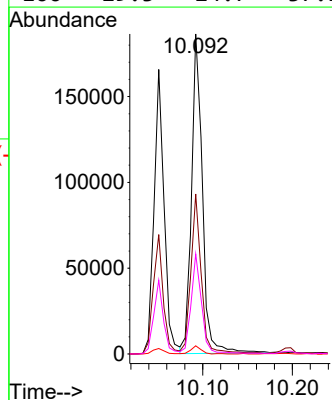
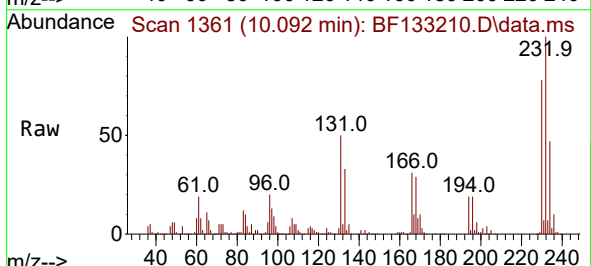
Ion Ratio Lower Upper

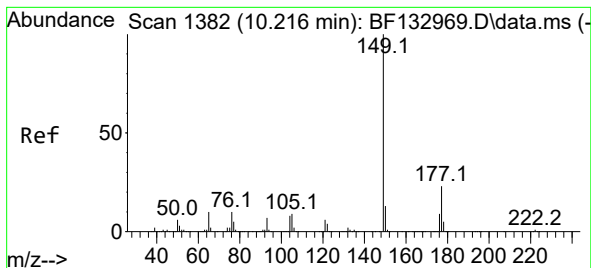
232 100

131 48.0 38.0 57.0

130 2.5 1.8 2.8

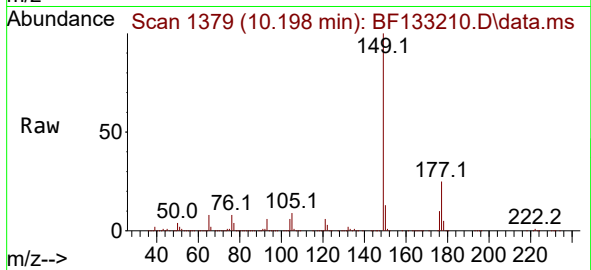
166 29.3 24.7 37.1





#60
Diethylphthalate
Concen: 47.574 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.006 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

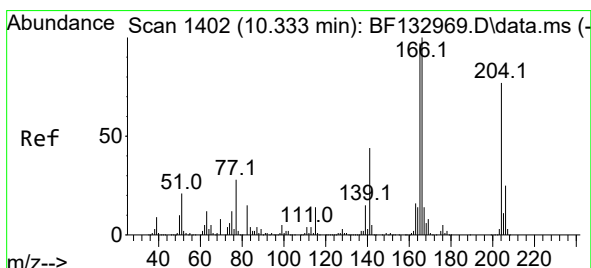
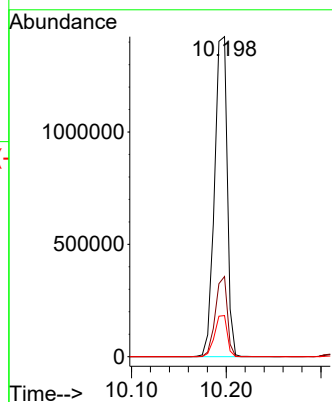
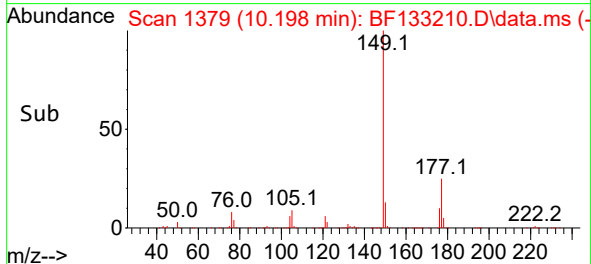
Instrument :
BNA_F
ClientSampleId :
CF-24MS



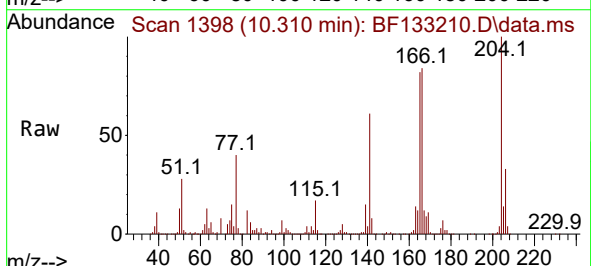
Tgt Ion:149 Resp: 132456
Ion Ratio Lower Upper
149 100
177 25.0 18.2 27.4
150 12.9 10.2 15.4

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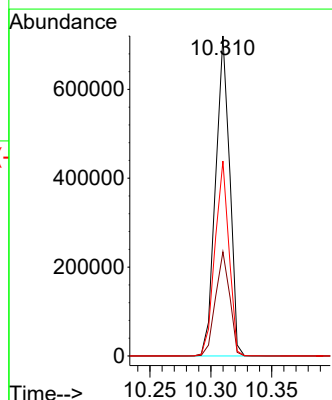
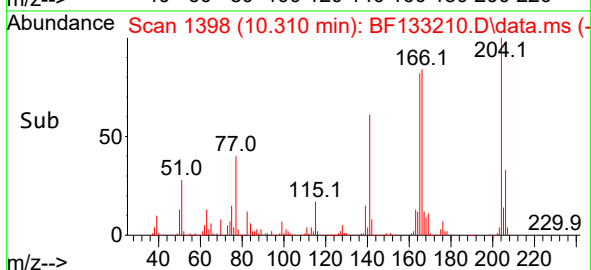
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

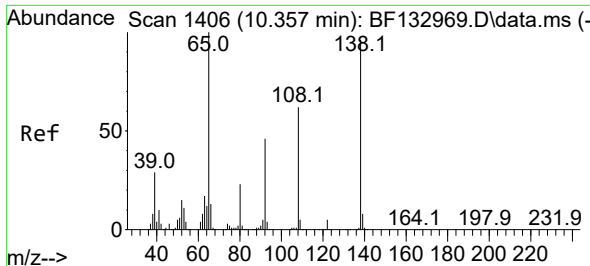


#61
4-Chlorophenyl-phenylether
Concen: 45.074 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43



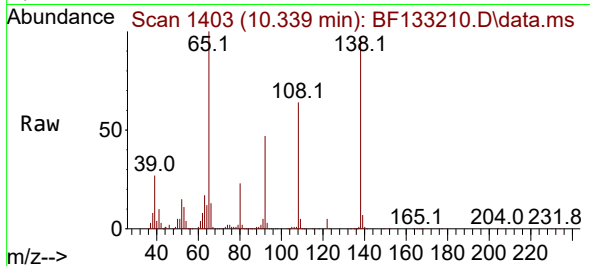
Tgt Ion:204 Resp: 576386
Ion Ratio Lower Upper
204 100
206 32.6 26.1 39.1
141 60.9 46.1 69.1





#62
4-Nitroaniline
Concen: 50.290 ng
RT: 10.339 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

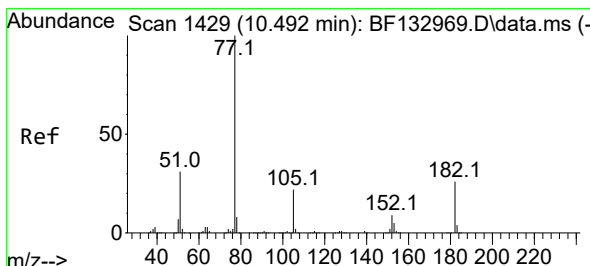
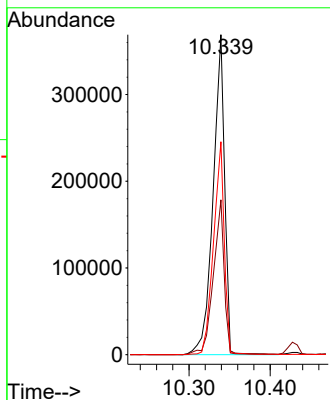
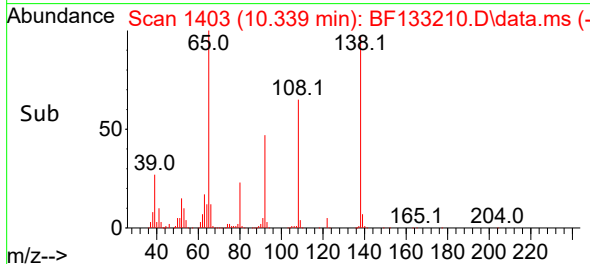
Instrument :
BNA_F
ClientSampleId :
CF-24MS



Tgt Ion:138 Resp: 364610
Ion Ratio Lower Upper
138 100
92 48.4 27.7 67.7
108 66.6 45.2 85.2

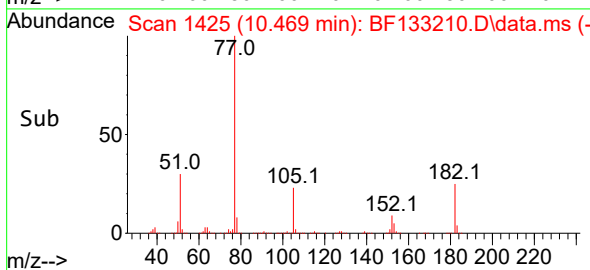
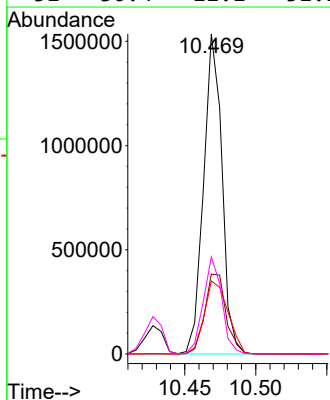
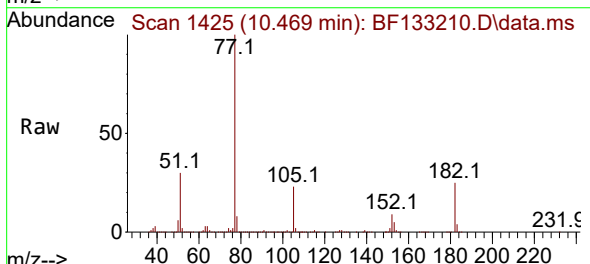
Manual Integrations
APPROVED

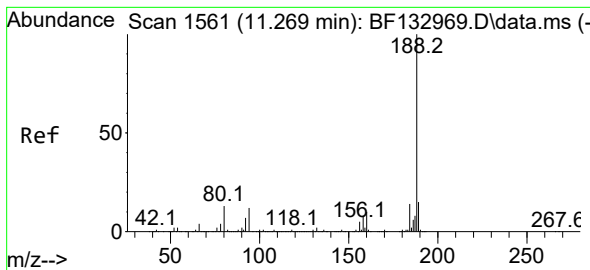
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#63
Azobenzene
Concen: 46.915 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

Tgt Ion: 77 Resp: 1383724
Ion Ratio Lower Upper
77 100
182 25.0 5.9 45.9
105 22.8 2.3 42.3
51 30.4 11.1 51.1





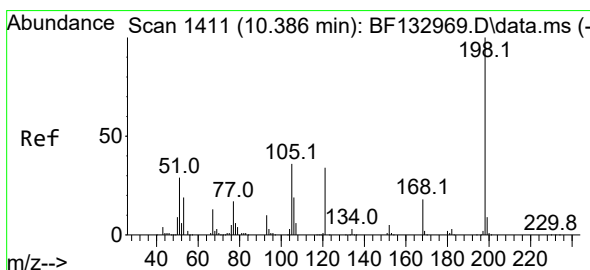
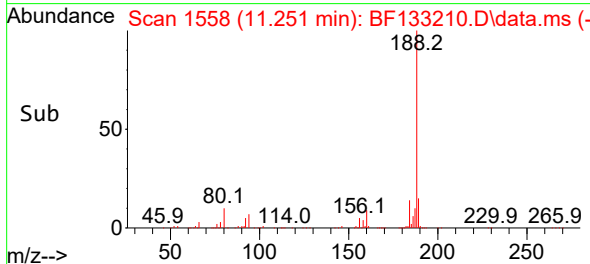
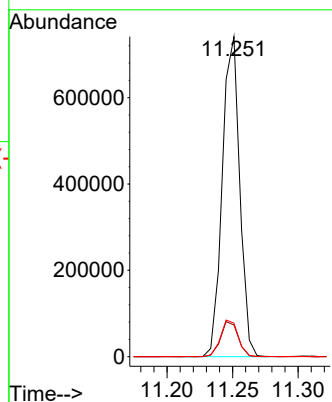
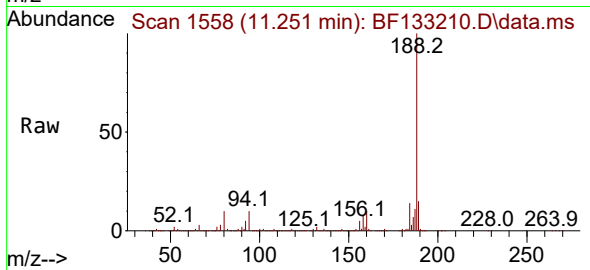
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

Instrument :
BNA_F
ClientSampleId :
CF-24MS

Tgt Ion:188 Resp: 68416
Ion Ratio Lower Upper
188 100
94 9.9 9.7 14.5
80 10.5 10.4 15.6

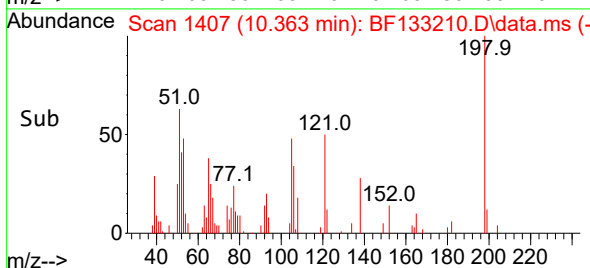
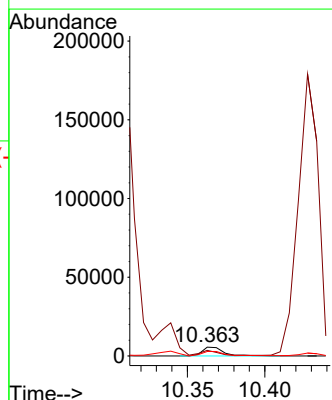
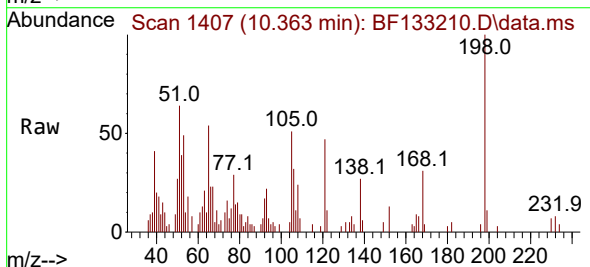
Manual Integrations
APPROVED

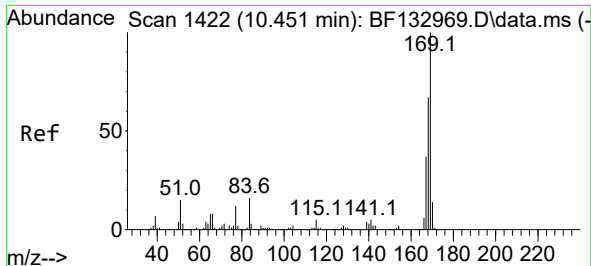
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#65
4,6-Dinitro-2-methylphenol
Concen: 1.273 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

Tgt Ion:198 Resp: 5278
Ion Ratio Lower Upper
198 100
51 64.4 15.5 55.5#
105 51.3 16.7 56.7





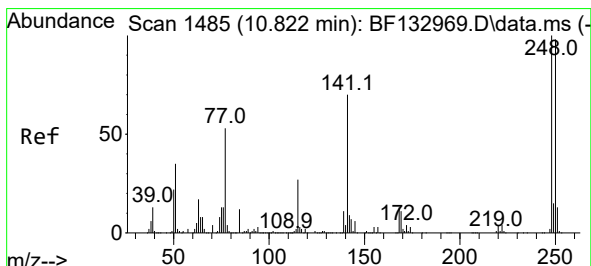
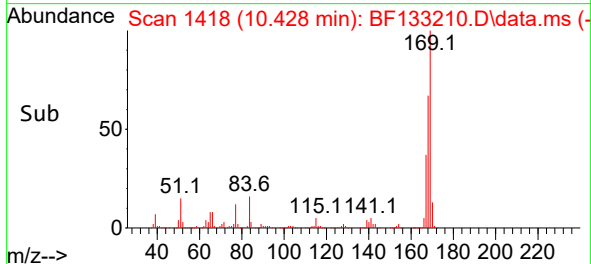
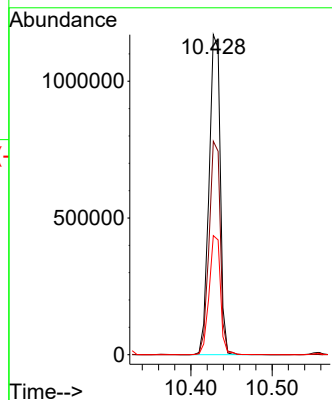
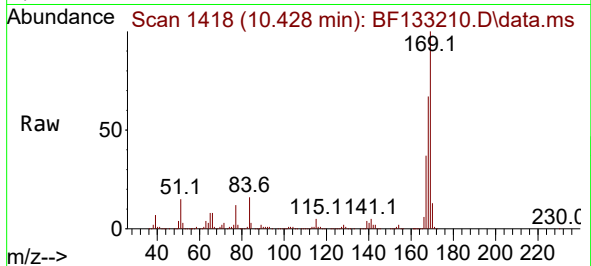
#66
n-Nitrosodiphenylamine
Concen: 50.227 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

Instrument :
BNA_F
ClientSampleId :
CF-24MS

Tgt Ion:169 Resp: 111466
Ion Ratio Lower Upper
169 100
168 66.7 53.8 80.8
167 37.2 29.7 44.5

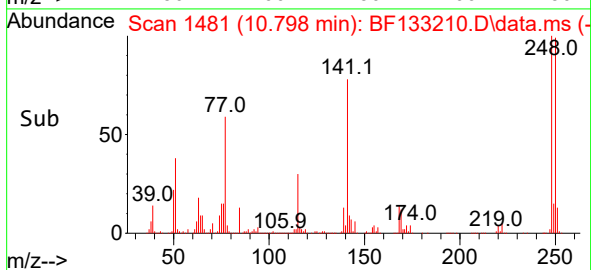
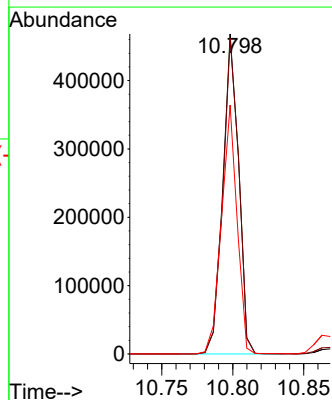
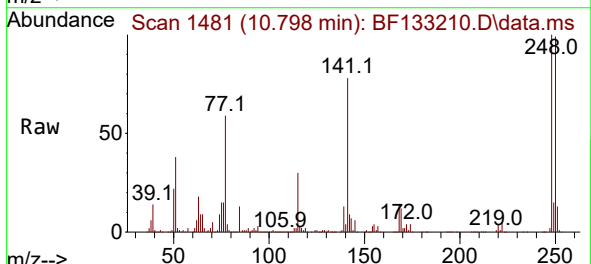
Manual Integrations
APPROVED

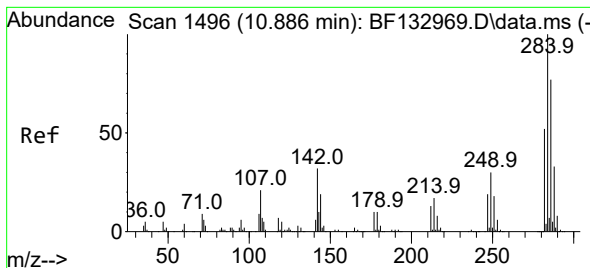
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#67
4-Bromophenyl-phenylether
Concen: 48.770 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

Tgt Ion:248 Resp: 361878
Ion Ratio Lower Upper
248 100
250 98.8 78.7 118.1
141 77.8 56.3 84.5





#68

Hexachlorobenzene

Concen: 50.891 ng

RT: 10.869 min Scan# 14

Delta R.T. -0.000 min

Lab File: BF133210.D

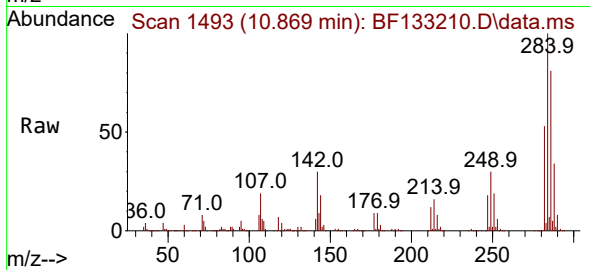
Acq: 03 May 2023 16:43

Instrument :

BNA_F

ClientSampleId :

CF-24MS



Tgt Ion:284 Resp: 386939

Ion Ratio Lower Upper

284 100

142 30.0 26.0 39.0

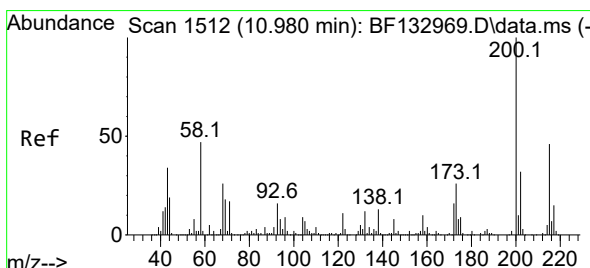
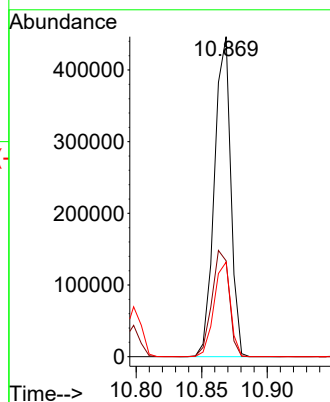
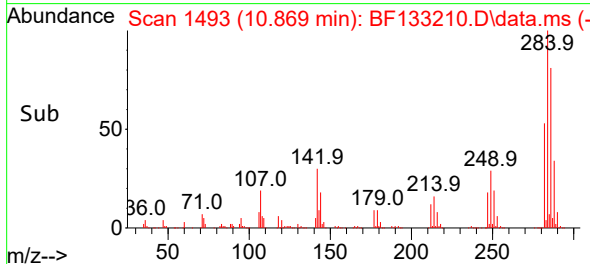
249 29.6 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/04/2023

Supervised By :Jagrut Upadhyay 05/04/2023



#69

Atrazine

Concen: 56.404 ng

RT: 10.963 min Scan# 1509

Delta R.T. 0.006 min

Lab File: BF133210.D

Acq: 03 May 2023 16:43

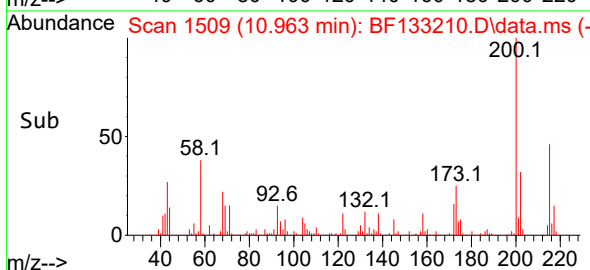
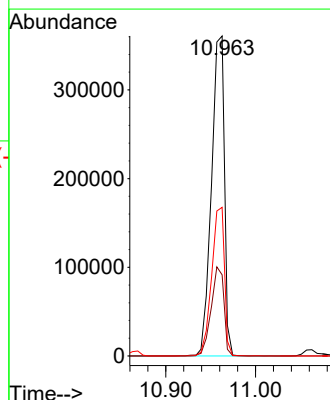
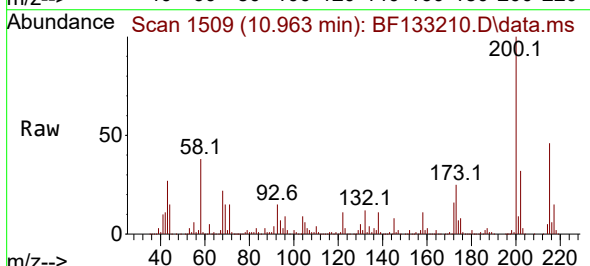
Tgt Ion:200 Resp: 360682

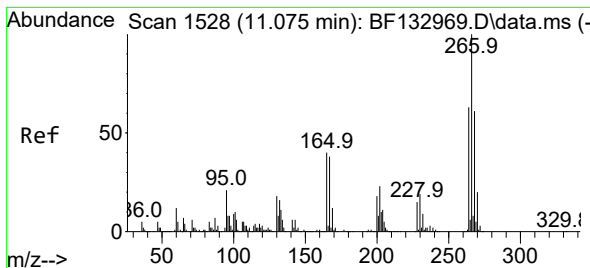
Ion Ratio Lower Upper

200 100

173 25.3 6.2 46.2

215 46.4 26.3 66.3





#70

Pentachlorophenol

Concen: 9.633 ng

RT: 11.063 min Scan# 1526

Delta R.T. 0.006 min

Lab File: BF133210.D

Acq: 03 May 2023 16:43

Instrument :

BNA_F

ClientSampleId :

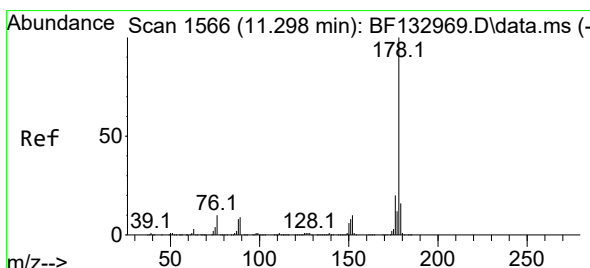
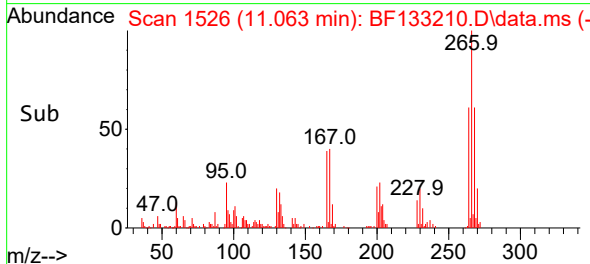
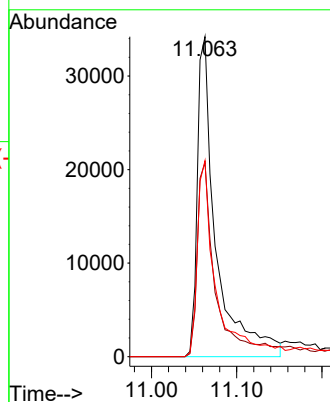
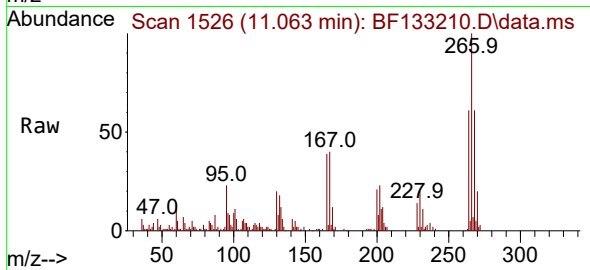
CF-24MS

Tgt Ion:266 Resp: 52164
 Ion Ratio Lower Upper
 266 100
 268 60.6 48.8 73.2
 264 61.3 50.6 76.0

Manual Integrations

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



#71

Phenanthrene

Concen: 46.689 ng

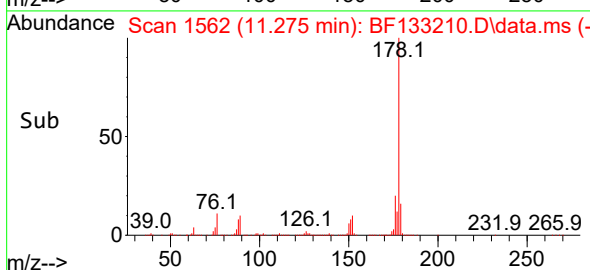
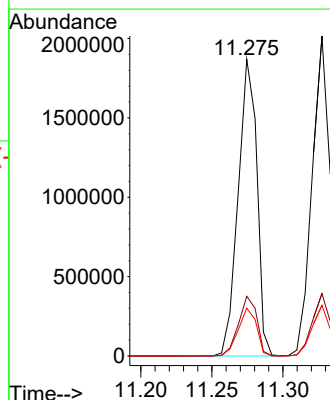
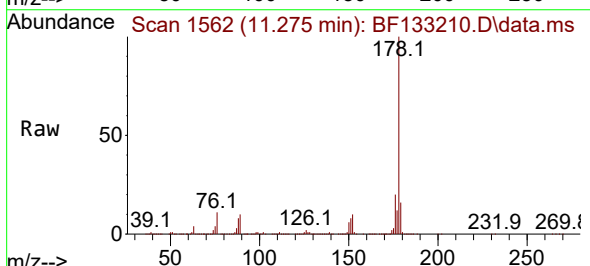
RT: 11.275 min Scan# 1562

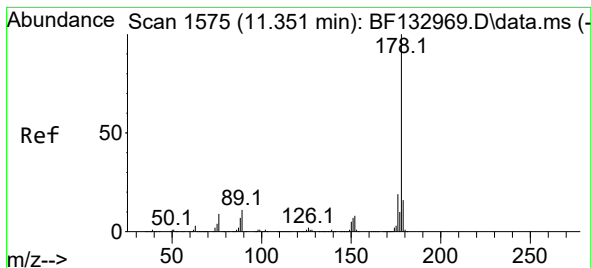
Delta R.T. -0.000 min

Lab File: BF133210.D

Acq: 03 May 2023 16:43

Tgt Ion:178 Resp: 1716825
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.9 23.9
 179 16.1 12.5 18.7





#72

Anthracene

Concen: 46.574 ng

RT: 11.327 min Scan# 1571

Delta R.T. -0.000 min

Lab File: BF133210.D

Acq: 03 May 2023 16:43

Instrument :

BNA_F

ClientSampleId :

CF-24MS

Tgt Ion:178 Resp: 1752674

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

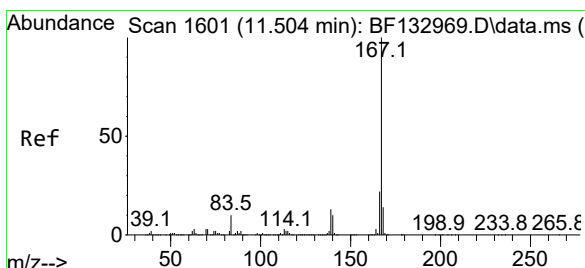
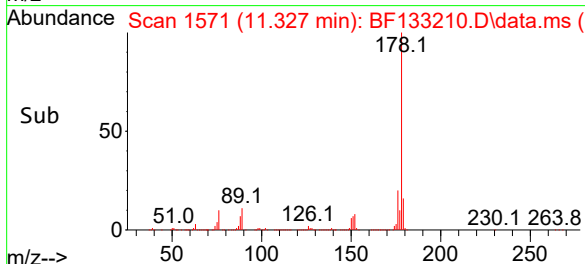
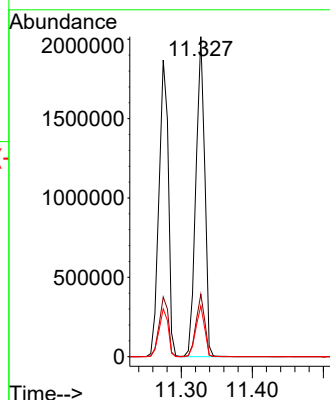
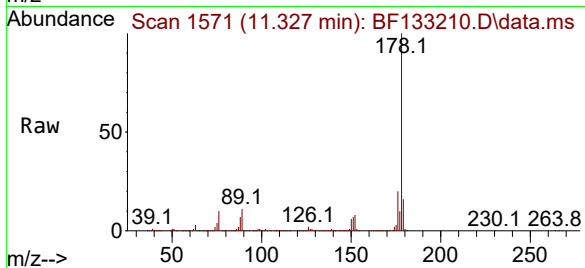
179 15.9 12.4 18.6

Manual Integrations

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Reviewed By :Christian Giraldo 05/04/2023

Supervised By :Jagrut Upadhyay 05/04/2023



#73

Carbazole

Concen: 46.350 ng

RT: 11.480 min Scan# 1597

Delta R.T. -0.006 min

Lab File: BF133210.D

Acq: 03 May 2023 16:43

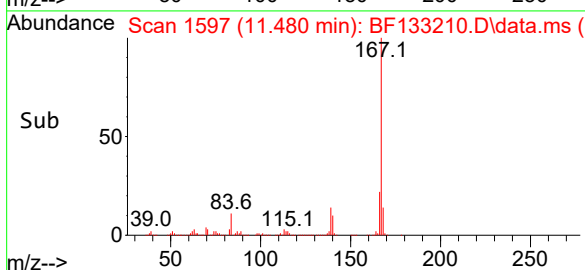
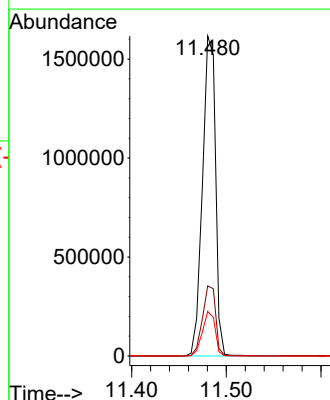
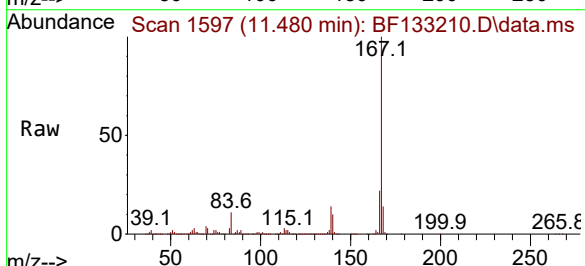
Tgt Ion:167 Resp: 1553116

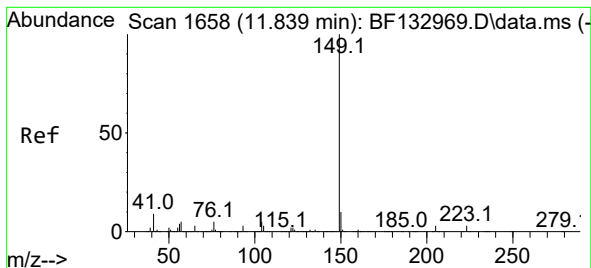
Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.0

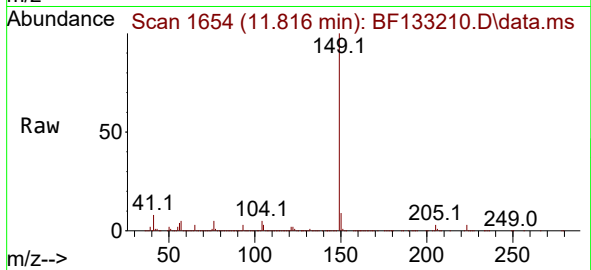
139 13.9 10.6 16.0





#74
Di-n-butylphthalate
Concen: 50.915 ng
RT: 11.816 min Scan# 1654
Delta R.T. -0.000 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

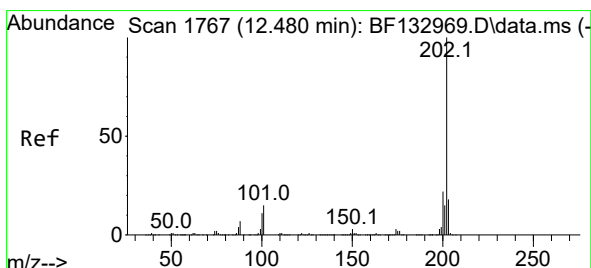
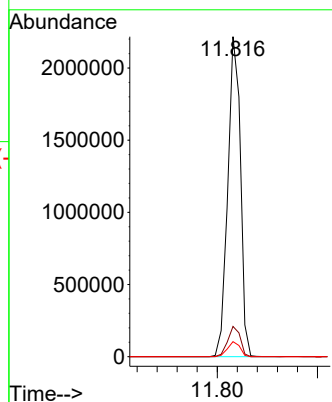
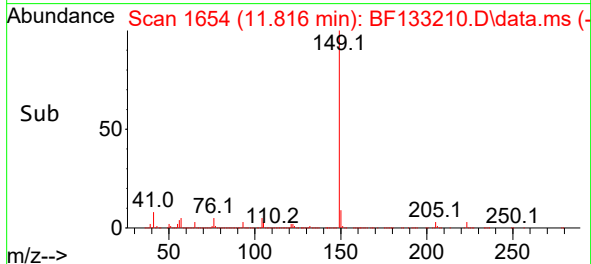
Instrument :
BNA_F
ClientSampleId :
CF-24MS



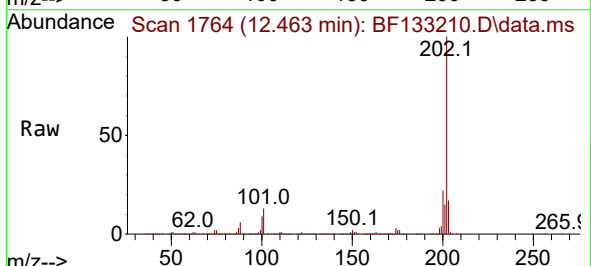
Tgt Ion:149 Resp: 1930715
Ion Ratio Lower Upper
149 100
150 9.5 7.6 11.4
104 4.7 4.0 6.0

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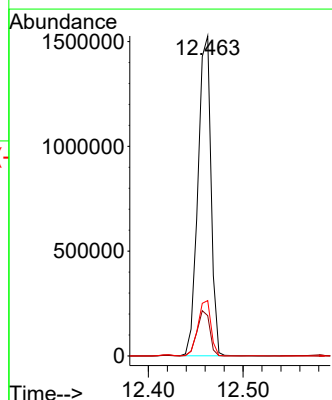
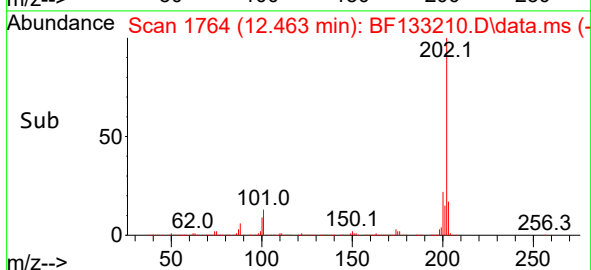
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

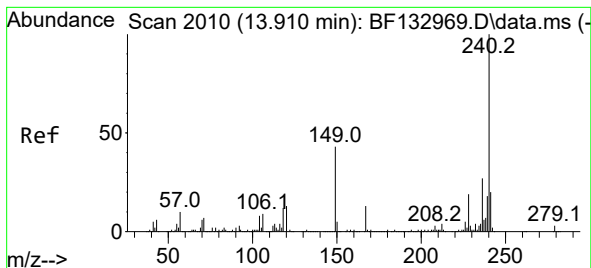


#75
Fluoranthene
Concen: 39.672 ng
RT: 12.463 min Scan# 1764
Delta R.T. -0.000 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43



Tgt Ion:202 Resp: 1464093
Ion Ratio Lower Upper
202 100
101 12.6 0.0 35.3
203 17.3 0.0 38.1





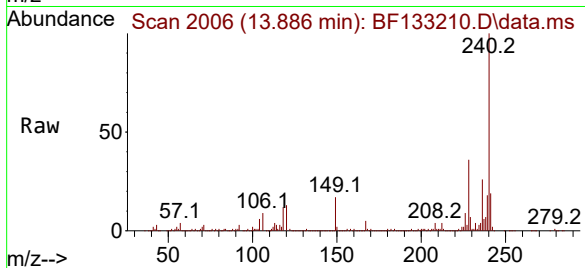
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.886 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

Instrument :

BNA_F

ClientSampleId :

CF-24MS

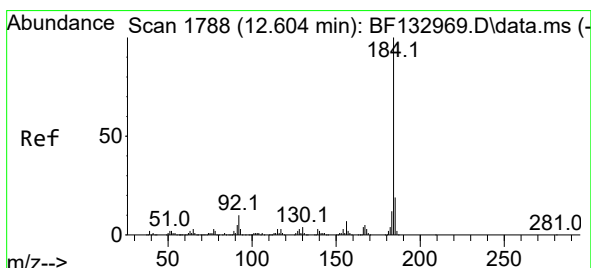
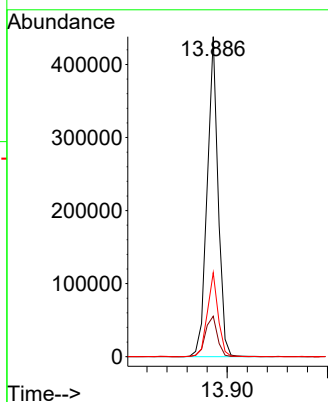
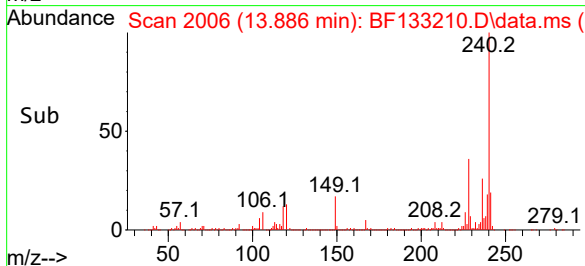


Tgt Ion:240 Resp: 33069
Ion Ratio Lower Upper
240 100
120 12.7 10.5 15.7
236 26.3 21.5 32.3

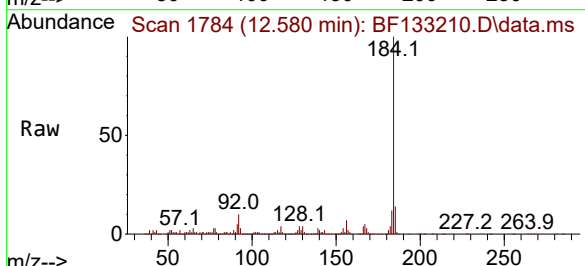
Manual Integrations

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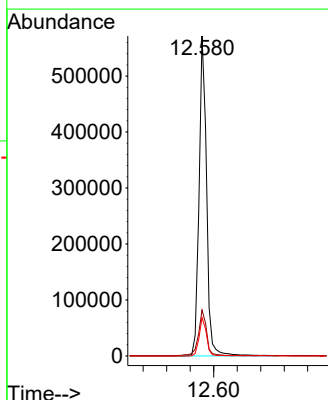
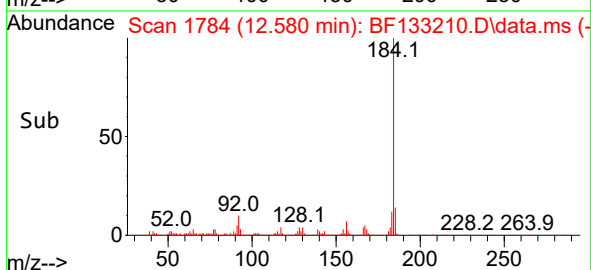
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

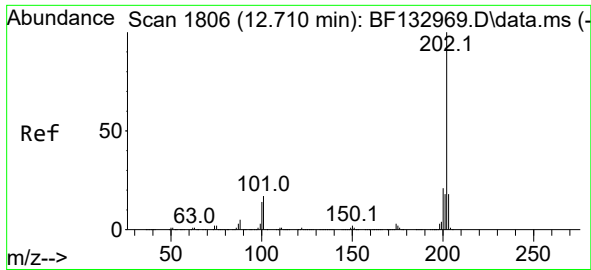


#77
Benzidine
Concen: 90.430 ng
RT: 12.580 min Scan# 1784
Delta R.T. -0.000 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43



Tgt Ion:184 Resp: 505701
Ion Ratio Lower Upper
184 100
185 14.3 15.4 23.2#
183 12.0 9.4 14.0





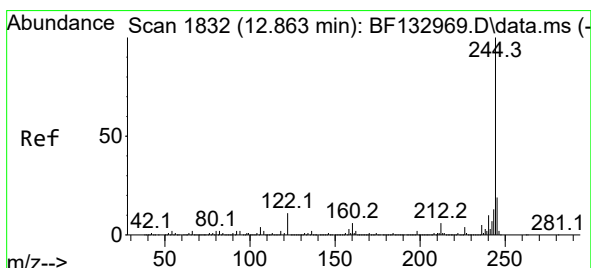
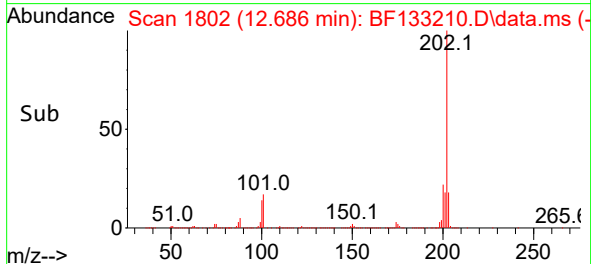
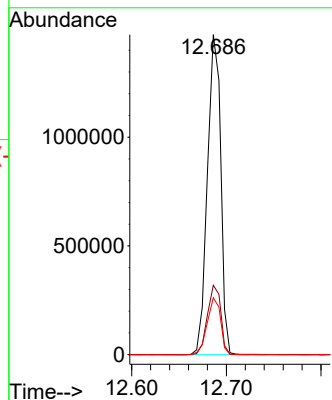
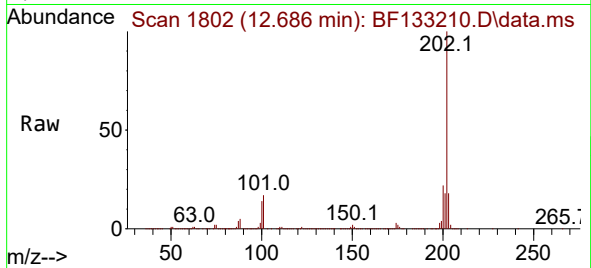
#78
Pyrene
Concen: 50.746 ng
RT: 12.686 min Scan# 1802
Delta R.T. -0.006 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

Instrument :
BNA_F
ClientSampleId :
CF-24MS

Tgt Ion:202 Resp: 1438530
Ion Ratio Lower Upper
202 100
200 21.7 17.1 25.7
203 17.8 14.1 21.1

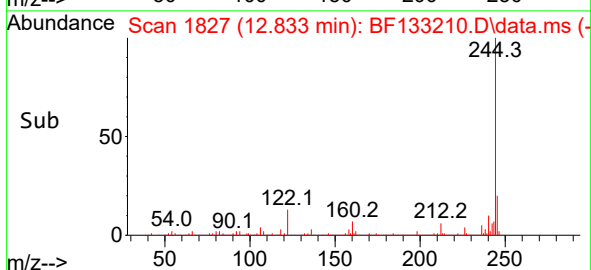
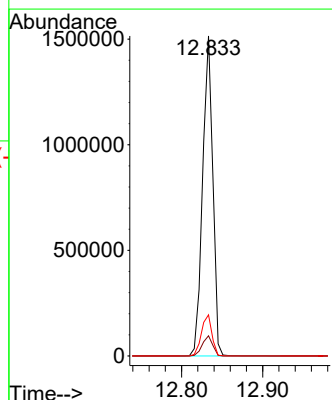
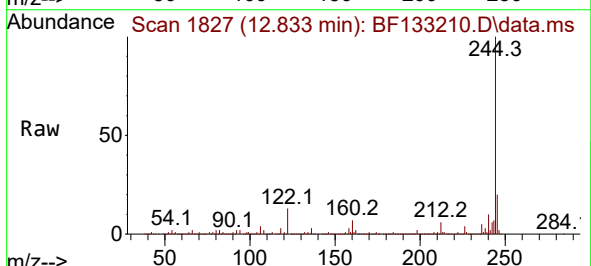
Manual Integrations
APPROVED

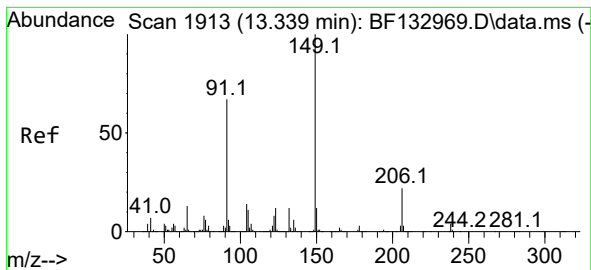
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#79
Terphenyl-d14
Concen: 68.881 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

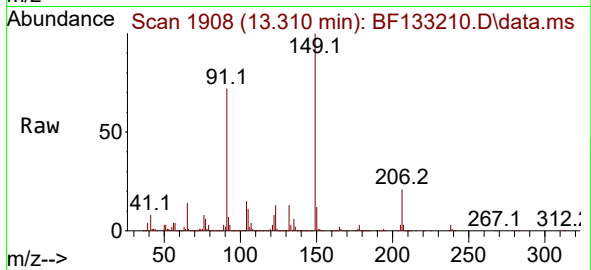
Tgt Ion:244 Resp: 1320737
Ion Ratio Lower Upper
244 100
212 6.3 5.1 7.7
122 12.9 8.6 13.0





#80
Butylbenzylphthalate
Concen: 60.877 ng
RT: 13.310 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

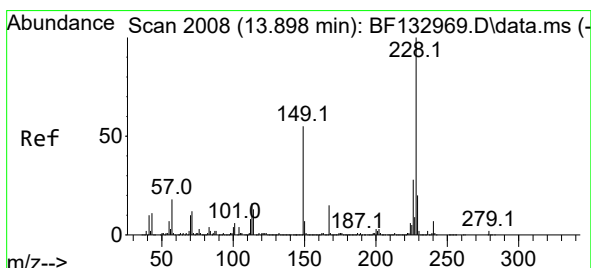
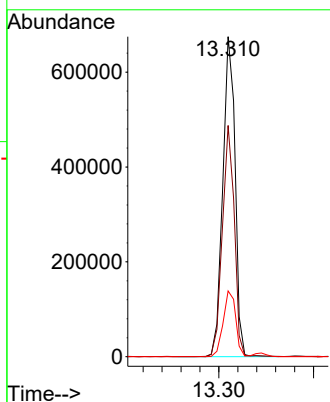
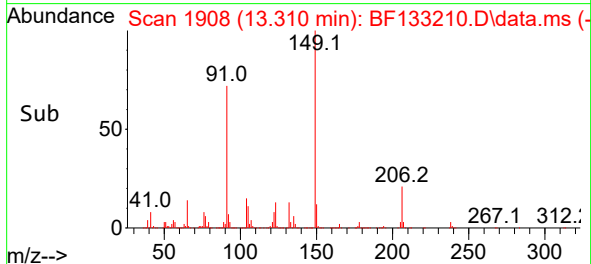
Instrument :
BNA_F
ClientSampleId :
CF-24MS



Tgt Ion:149 Resp: 61104
Ion Ratio Lower Upper
149 100
91 72.2 53.8 80.6
206 20.5 17.5 26.3

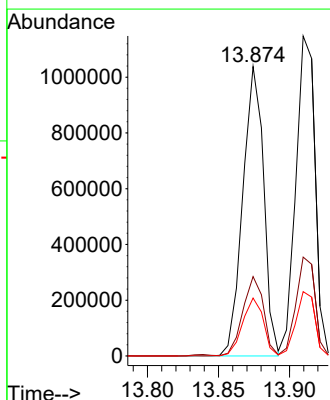
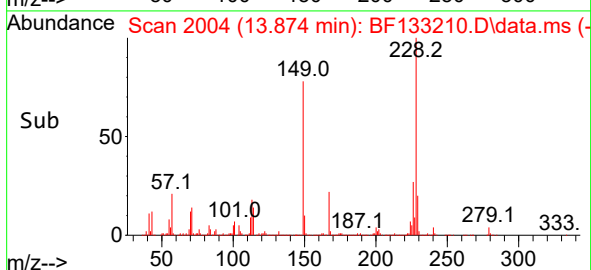
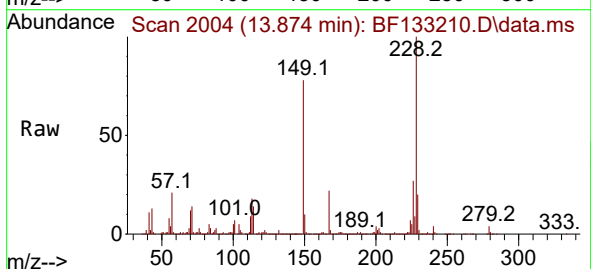
Manual Integrations
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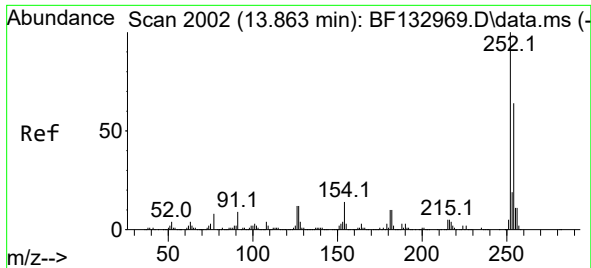
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#81
Benzo(a)anthracene
Concen: 46.685 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

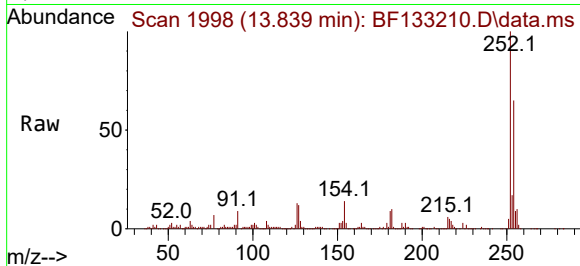
Tgt Ion:228 Resp: 1061647
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.4
229 20.0 16.0 24.0





#82
3,3'-Dichlorobenzidine
Concen: 38.723 ng
RT: 13.839 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

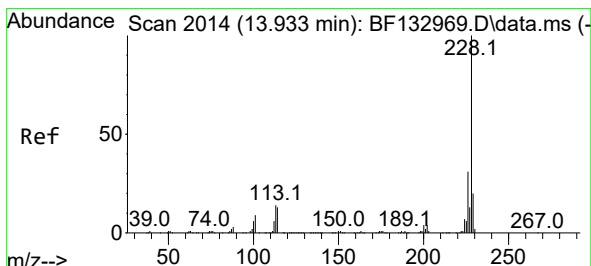
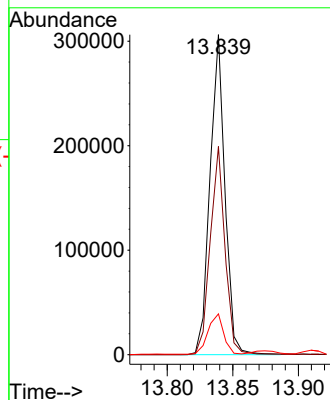
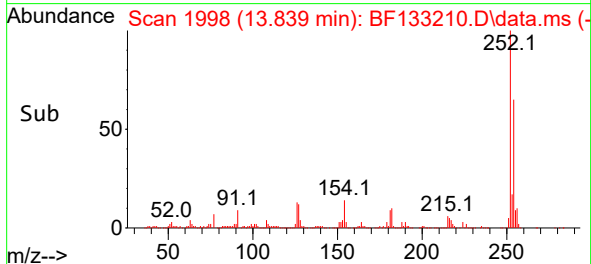
Instrument :
BNA_F
ClientSampleId :
CF-24MS



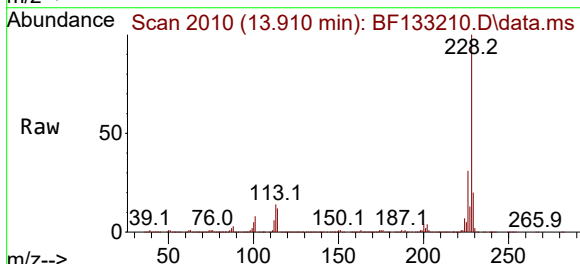
Tgt Ion:252 Resp: 243260
Ion Ratio Lower Upper
252 100
254 65.0 51.5 77.3
126 12.8 9.5 14.3

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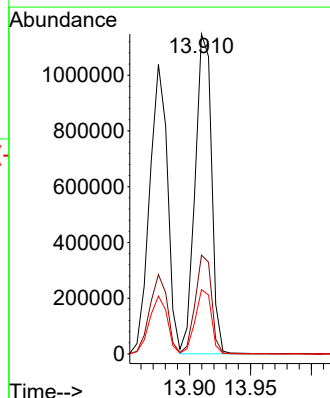
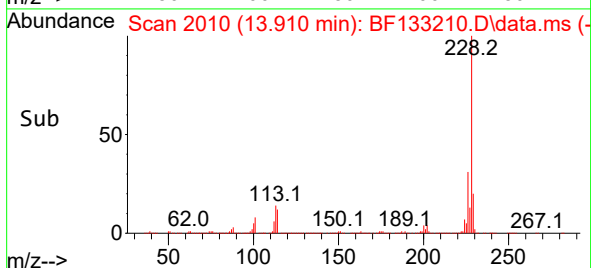
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

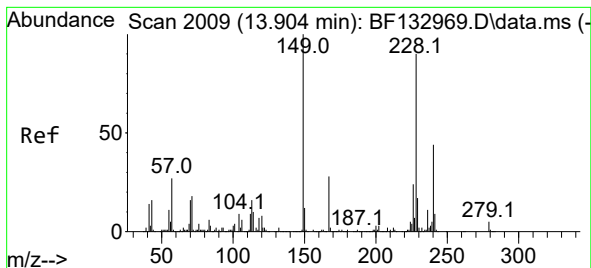


#83
Chrysene
Concen: 47.417 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43



Tgt Ion:228 Resp: 1078027
Ion Ratio Lower Upper
228 100
226 30.9 24.7 37.1
229 20.1 16.1 24.1





#84

Bis(2-ethylhexyl)phthalate

Concen: 57.437 ng

RT: 13.874 min Scan# 2004

Delta R.T. -0.000 min

Lab File: BF133210.D

Acq: 03 May 2023 16:43

Instrument :

BNA_F

ClientSampleId :

CF-24MS

Tgt Ion:149 Resp: 723634

Ion Ratio Lower Upper

149 100

167 28.3 22.5 33.7

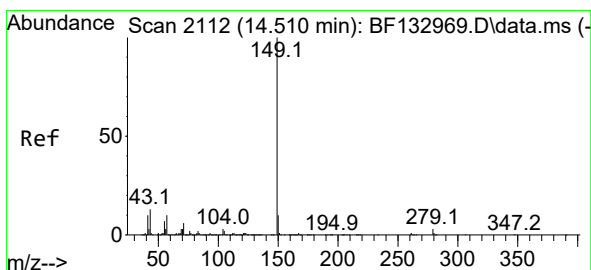
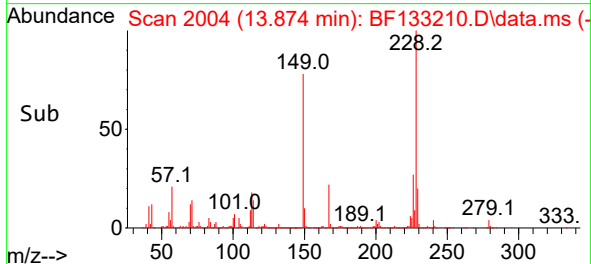
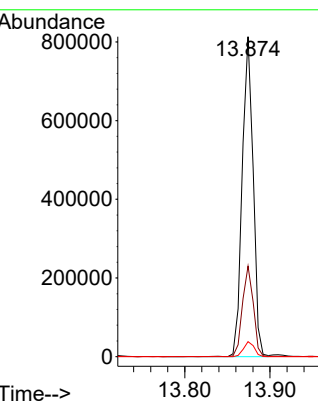
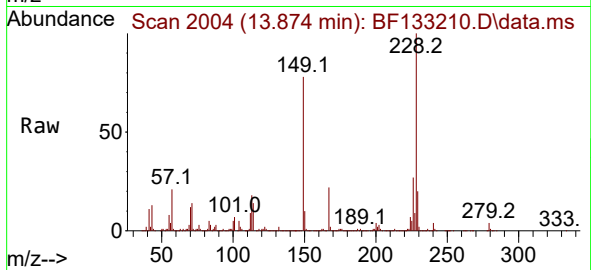
279 4.7 4.2 6.4

Manual Integrations

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Reviewed By :Christian Giraldo 05/04/2023

Supervised By :Jagrut Upadhyay 05/04/2023



#85

Di-n-octyl phthalate

Concen: 66.102 ng

RT: 14.486 min Scan# 2108

Delta R.T. -0.000 min

Lab File: BF133210.D

Acq: 03 May 2023 16:43

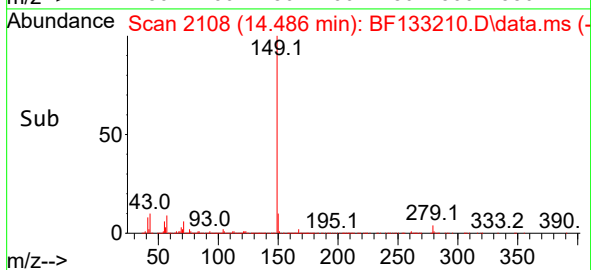
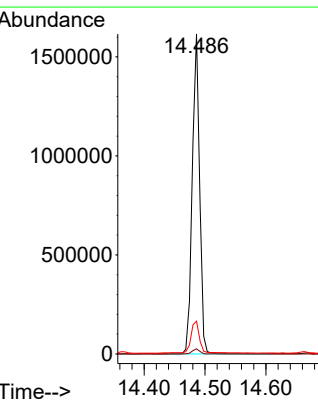
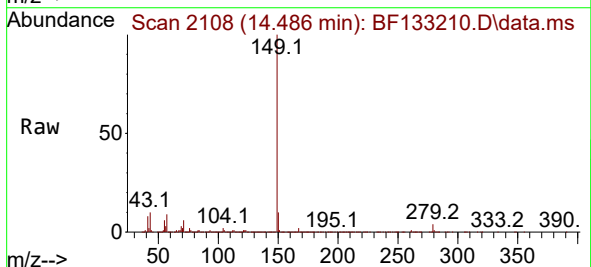
Tgt Ion:149 Resp: 1357923

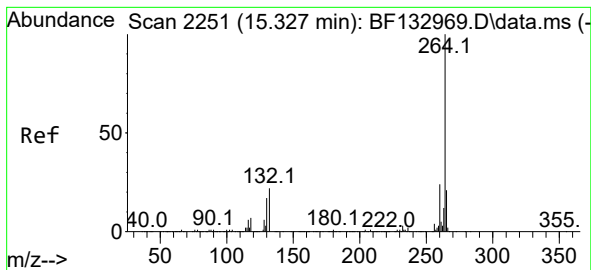
Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

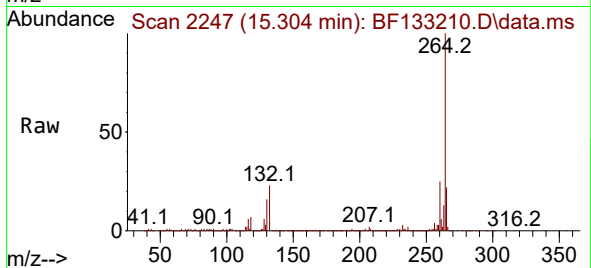
43 12.4 9.5 14.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.304 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

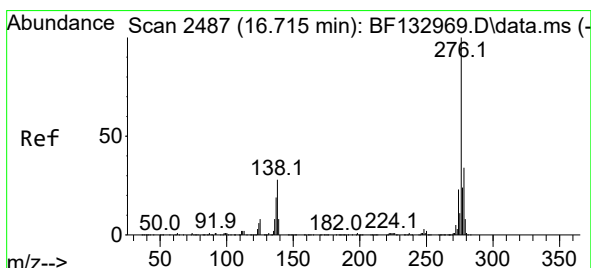
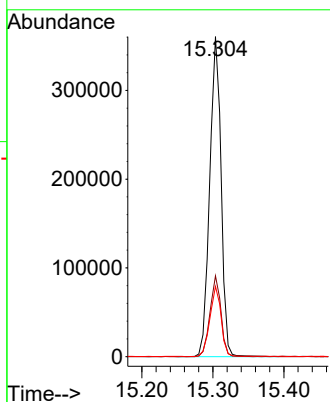
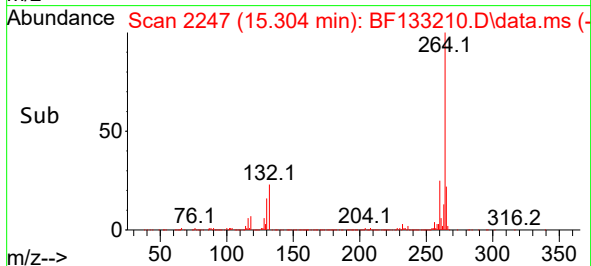
Instrument :
BNA_F
ClientSampleId :
CF-24MS



Tgt Ion:264 Resp: 40079
Ion Ratio Lower Upper
264 100
260 25.2 18.8 28.2
265 22.0 17.0 25.4

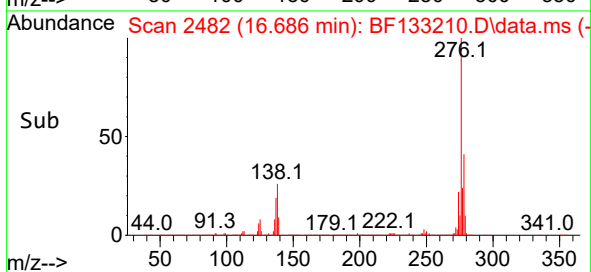
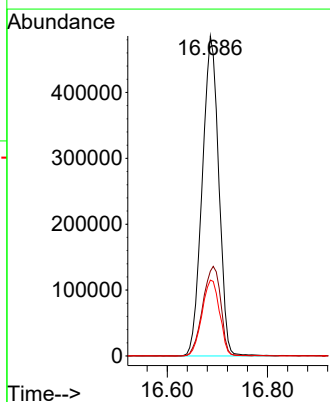
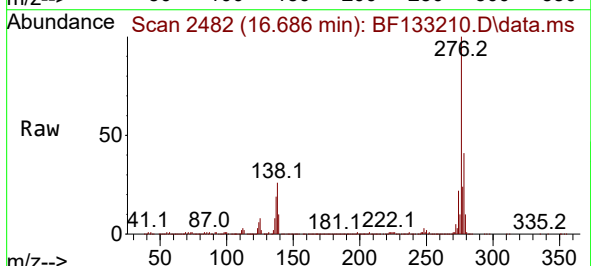
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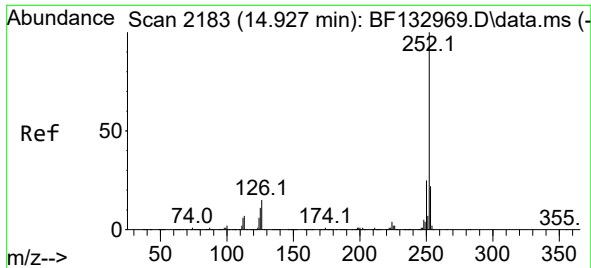
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#87
Indeno(1,2,3-cd)pyrene
Concen: 48.778 ng
RT: 16.686 min Scan# 2482
Delta R.T. -0.006 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

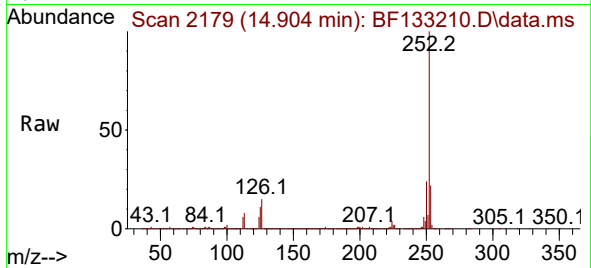
Tgt Ion:276 Resp: 1112036
Ion Ratio Lower Upper
276 100
138 30.4 25.5 38.3
277 25.3 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 48.801 ng
RT: 14.904 min Scan# 2179
Delta R.T. -0.000 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

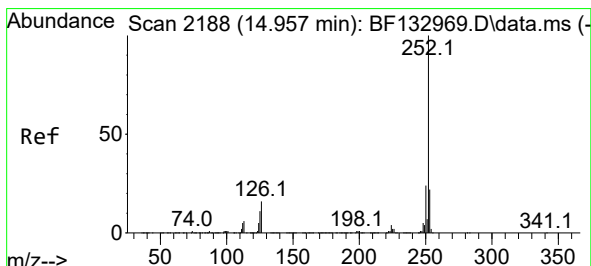
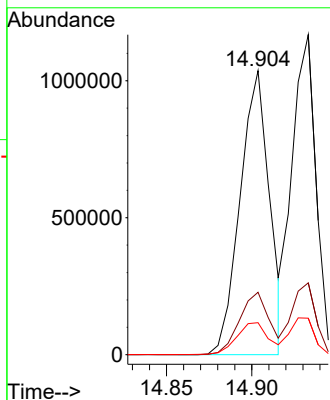
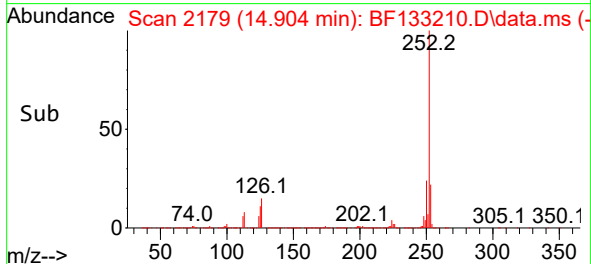
Instrument :
BNA_F
ClientSampleId :
CF-24MS



Tgt Ion:252 Resp: 1244329
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 11.3 8.9 13.3

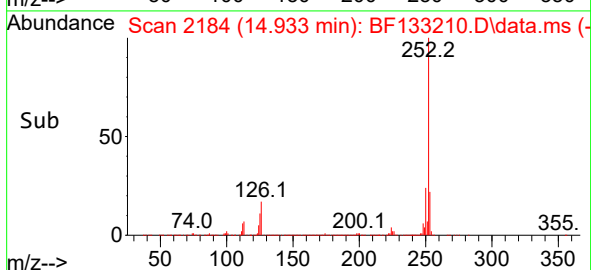
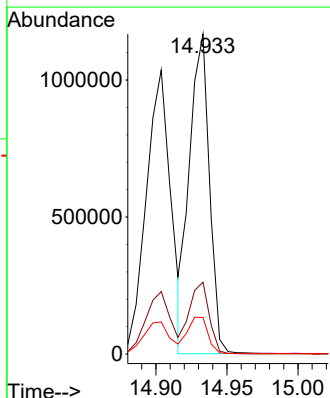
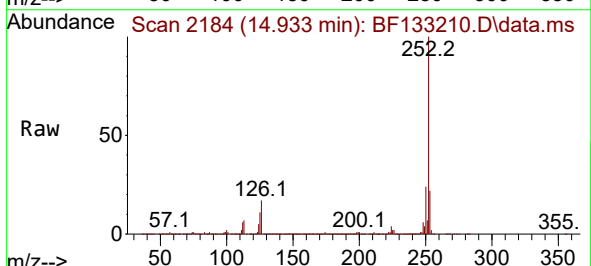
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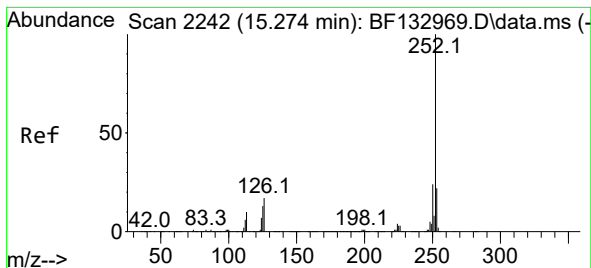
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#89
Benzo(k)fluoranthene
Concen: 45.147 ng
RT: 14.933 min Scan# 2184
Delta R.T. -0.000 min
Lab File: BF133210.D
Acq: 03 May 2023 16:43

Tgt Ion:252 Resp: 1141122
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 11.4 9.0 13.4





#90

Benzo(a)pyrene

Concen: 46.508 ng

RT: 15.251 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF133210.D

Acq: 03 May 2023 16:43

Instrument :

BNA_F

ClientSampleId :

CF-24MS

Tgt Ion:252 Resp: 107938

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

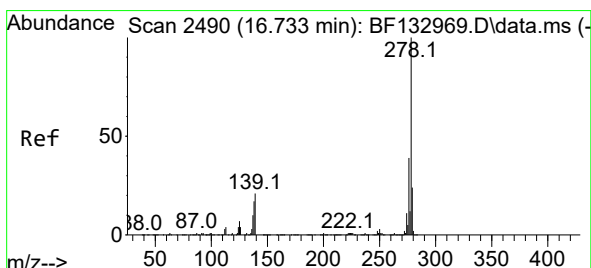
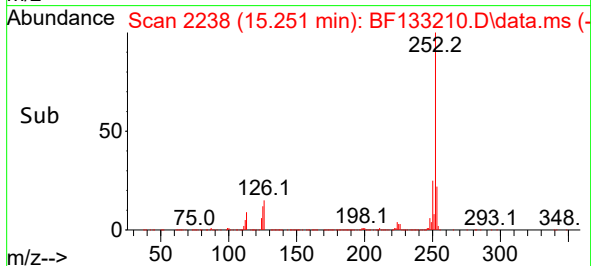
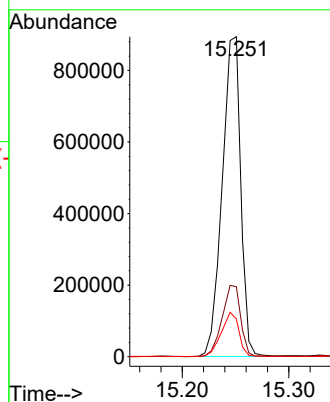
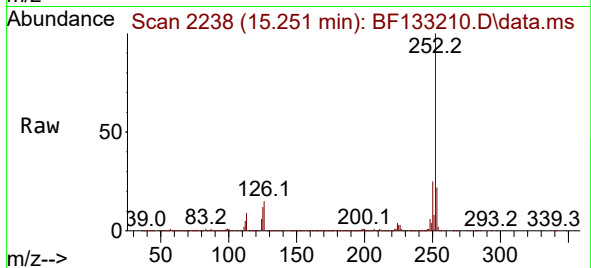
125 11.8 10.5 15.7

Manual Integrations

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Reviewed By :Christian Giraldo 05/04/2023

Supervised By :Jagrut Upadhyay 05/04/2023



#91

Dibenzo(a,h)anthracene

Concen: 49.365 ng

RT: 16.704 min Scan# 2485

Delta R.T. -0.000 min

Lab File: BF133210.D

Acq: 03 May 2023 16:43

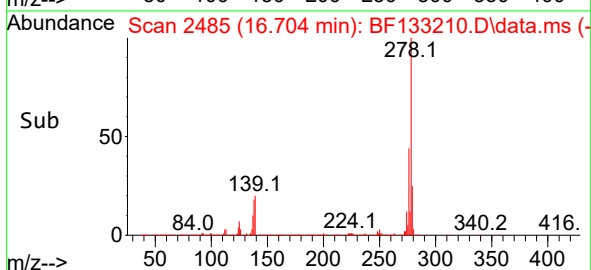
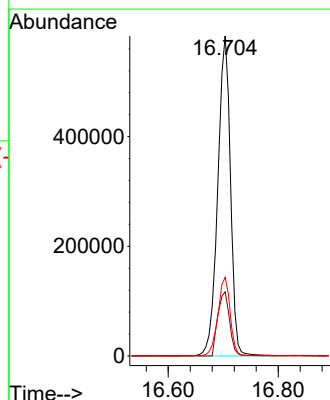
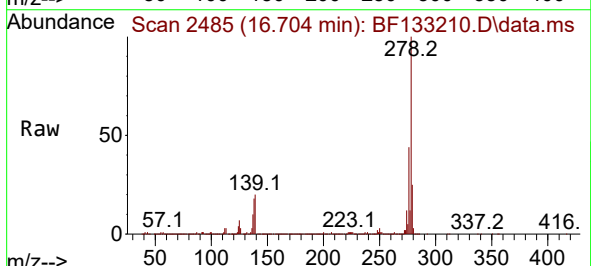
Tgt Ion:278 Resp: 938658

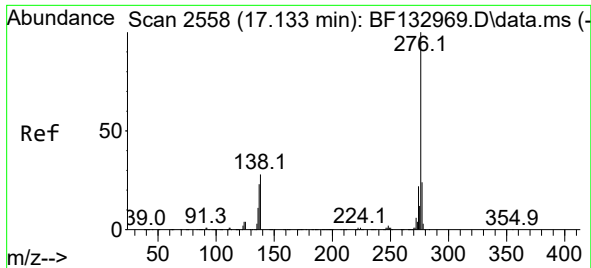
Ion Ratio Lower Upper

278 100

139 20.1 16.6 24.8

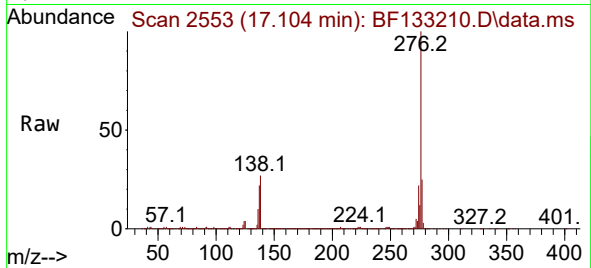
279 24.6 18.8 28.2





#92
 Benzo(g,h,i)perylene
 Concen: 43.602 ng
 RT: 17.104 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF133210.D
 Acq: 03 May 2023 16:43

Instrument :
 BNA_F
 ClientSampleId :
 CF-24MS



Tgt Ion:276 Resp: 818500
 Ion Ratio Lower Upper
 276 100
 277 24.6 19.4 29.0
 138 26.8 22.7 34.1

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

