

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
 Data File : BF133326.D
 Acq On : 10 May 2023 12:44
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/11/2023
 Supervised By : Jagrut Upadhyay 05/11/2023

Quant Time: May 10 13:51:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	226444	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	888695	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	456655	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	795644	20.000	ng	0.00
76) Chrysene-d12	13.886	240	506160	20.000	ng	0.00
86) Perylene-d12	15.298	264	475365	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1126881	75.174	ng	0.00
7) Phenol-d6	6.375	99	1386877	74.539	ng	0.00
23) Nitrobenzene-d5	7.292	82	1235220	75.024	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	332710	72.446	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2066347	75.703	ng	0.00
79) Terphenyl-d14	12.833	244	2126751	72.466	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.369	88	256787	36.932	ng	98
3) Pyridine	3.069	79	679190	36.778	ng	97
4) n-Nitrosodimethylamine	3.034	42	336644	35.194	ng	97
6) Aniline	6.392	93	875986	36.554	ng	# 91
8) 2-Chlorophenol	6.510	128	581957	38.236	ng	99
9) Benzaldehyde	6.269	77	331852	37.965	ng	98
10) Phenol	6.387	94	725172	35.330	ng	# 69
11) bis(2-Chloroethyl)ether	6.463	93	571730	37.119	ng	100
12) 1,3-Dichlorobenzene	6.663	146	614884	37.999	ng	100
13) 1,4-Dichlorobenzene	6.739	146	613469	37.828	ng	100
14) 1,2-Dichlorobenzene	6.898	146	573118	38.332	ng	99
15) Benzyl Alcohol	6.875	79	471207	36.663	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	911854	34.085	ng	89
17) 2-Methylphenol	6.992	107	526612	37.786	ng	97
18) Hexachloroethane	7.234	117	215138	38.156	ng	92
19) n-Nitroso-di-n-propyla...	7.145	70	391308	33.782	ng	96
20) 3+4-Methylphenols	7.145	107	623234	37.973	ng	# 85
22) Acetophenone	7.139	105	781766	37.975	ng	96
24) Nitrobenzene	7.310	77	630315	37.780	ng	97
25) Isophorone	7.551	82	1155562	36.966	ng	99
26) 2-Nitrophenol	7.628	139	329860	40.991	ng	96
27) 2,4-Dimethylphenol	7.675	122	526800	38.178	ng	98
28) bis(2-Chloroethoxy)met...	7.763	93	690702	37.349	ng	99
29) 2,4-Dichlorophenol	7.875	162	489014	38.930	ng	99
30) 1,2,4-Trichlorobenzene	7.951	180	503929	38.723	ng	99
31) Naphthalene	8.033	128	1684617	37.915	ng	99
32) Benzoic acid	7.798	122	299025m	35.084	ng	
33) 4-Chloroaniline	8.086	127	728448	40.577	ng	98
34) Hexachlorobutadiene	8.151	225	276820	38.380	ng	98
35) Caprolactam	8.463	113	169315m	40.124	ng	
36) 4-Chloro-3-methylphenol	8.569	107	525959	38.828	ng	99
37) 2-Methylnaphthalene	8.722	142	1157037	38.089	ng	100
38) 1-Methylnaphthalene	8.822	142	1082160	38.081	ng	99
40) 1,2,4,5-Tetrachloroben...	8.892	216	459831	37.451	ng	99
41) Hexachlorocyclopentadiene	8.875	237	287816	40.194	ng	98
43) 2,4,6-Trichlorophenol	9.004	196	320800	37.780	ng	99

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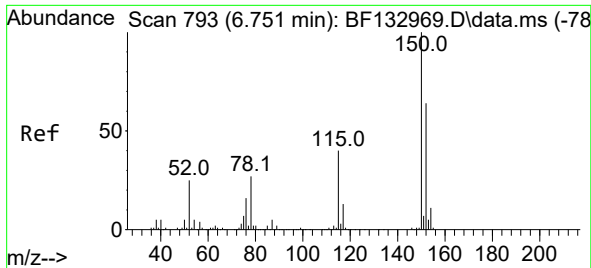
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	380238	38.720	ng	98
46) 1,1'-Biphenyl	9.186	154	1360430	37.570	ng	99
47) 2-Chloronaphthalene	9.210	162	1010171	38.114	ng	99
48) 2-Nitroaniline	9.310	65	335244	38.272	ng	99
49) Acenaphthylene	9.627	152	1595674	37.679	ng	99
50) Dimethylphthalate	9.492	163	1216809	38.214	ng	99
51) 2,6-Dinitrotoluene	9.551	165	276827	38.627	ng	96
52) Acenaphthene	9.798	154	1068640m	37.677	ng	
53) 3-Nitroaniline	9.722	138	329907	38.715	ng	99
54) 2,4-Dinitrophenol	9.827	184	132690	36.834	ng	100
55) Dibenzofuran	9.969	168	1430043	36.961	ng	98
56) 4-Nitrophenol	9.892	139	213761	32.388	ng	95
57) 2,4-Dinitrotoluene	9.957	165	358791	39.257	ng	92
58) Fluorene	10.310	166	1076707	37.984	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.092	232	282178	37.064	ng	99
60) Diethylphthalate	10.186	149	1149098	38.206	ng	100
61) 4-Chlorophenyl-phenyle...	10.304	204	523925	37.928	ng	99
62) 4-Nitroaniline	10.333	138	319441	40.787	ng	98
63) Azobenzene	10.463	77	1154010	36.220	ng	99
65) 4,6-Dinitro-2-methylph...	10.369	198	196913	40.832	ng	95
66) n-Nitrosodiphenylamine	10.422	169	971521	37.643	ng	100
67) 4-Bromophenyl-phenylether	10.792	248	327650	37.970	ng	98
68) Hexachlorobenzene	10.863	284	331419	37.481	ng	98
69) Atrazine	10.951	200	294387	39.586	ng	99
70) Pentachlorophenol	11.057	266	203496	32.314	ng	98
71) Phenanthrene	11.269	178	1579335	36.932	ng	99
72) Anthracene	11.322	178	1628875	37.220	ng	99
73) Carbazole	11.480	167	1446984	37.132	ng	98
74) Di-n-butylphthalate	11.810	149	1780496	40.375	ng	100
75) Fluoranthene	12.457	202	1603794	37.369	ng	97
77) Benzidine	12.580	184	376530m	43.990	ng	
78) Pyrene	12.686	202	1618708	37.306	ng	99
80) Butylbenzylphthalate	13.304	149	725445	47.220	ng	96
81) Benzo(a)anthracene	13.874	228	1221083	35.082	ng	100
82) 3,3'-Dichlorobenzidine	13.839	252	379780	39.497	ng	100
83) Chrysene	13.910	228	1232556	35.420	ng	100
84) Bis(2-ethylhexyl)phtha...	13.868	149	856454	44.414	ng	99
85) Di-n-octyl phthalate	14.480	149	1374699	43.721	ng	98
87) Indeno(1,2,3-cd)pyrene	16.686	276	1032542	38.186	ng	98
88) Benzo(b)fluoranthene	14.898	252	983257	32.513	ng	98
89) Benzo(k)fluoranthene	14.927	252	991767	33.082	ng	99
90) Benzo(a)pyrene	15.245	252	929644	33.773	ng	99
91) Dibenzo(a,h)anthracene	16.698	278	863440	38.286	ng	99
92) Benzo(g,h,i)perylene	17.103	276	871766	39.154	ng	98

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



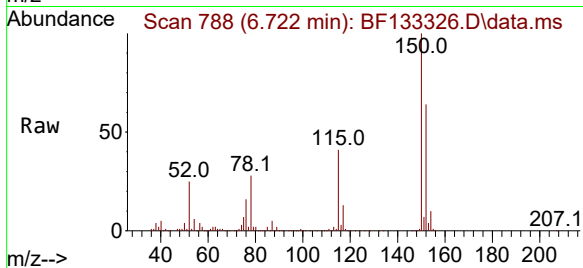
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

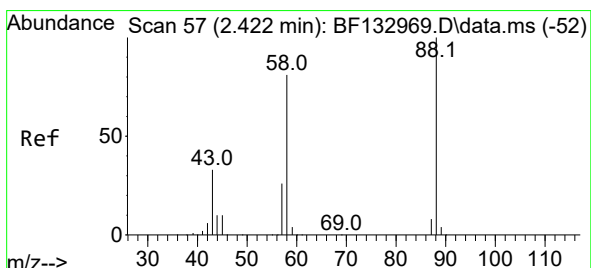
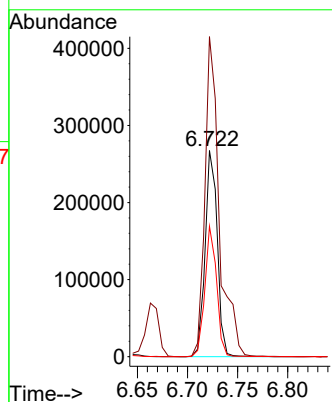
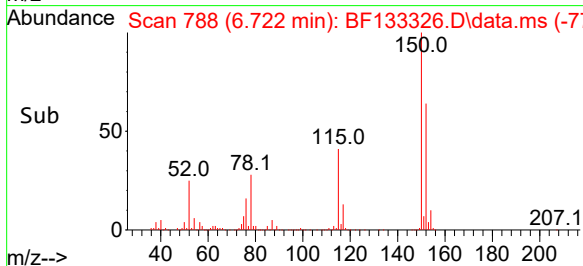


Tgt Ion:152 Resp: 226444
Ion Ratio Lower Upper
152 100
150 155.3 124.8 187.2
115 63.3 49.9 74.9

Manual Integrations

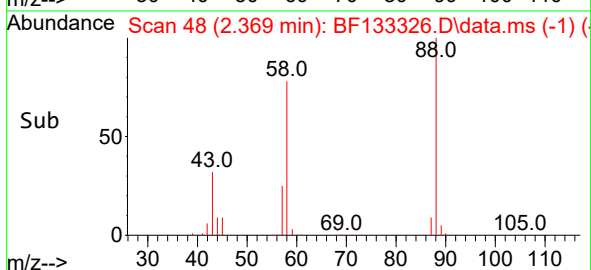
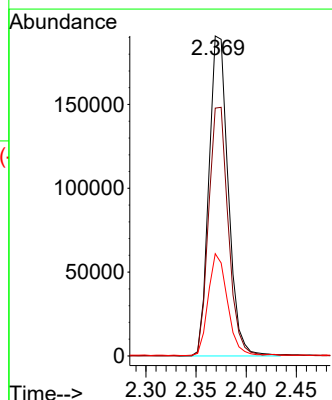
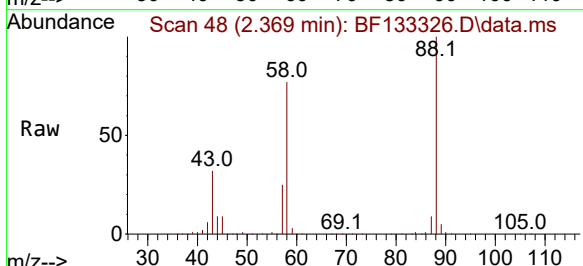
APPROVED

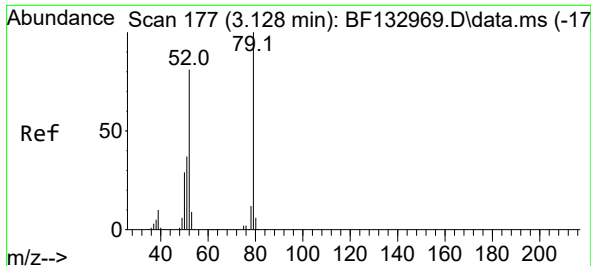
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#2
1,4-Dioxane
Concen: 36.932 ng
RT: 2.369 min Scan# 48
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

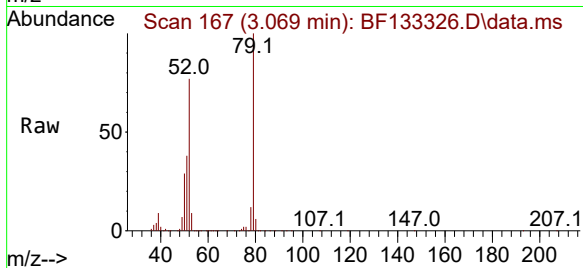
Tgt Ion: 88 Resp: 256787
Ion Ratio Lower Upper
88 100
58 79.1 64.7 97.1
43 31.5 26.2 39.2





#3
Pyridine
Concen: 36.778 ng
RT: 3.069 min Scan# 10
Delta R.T. 0.006 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

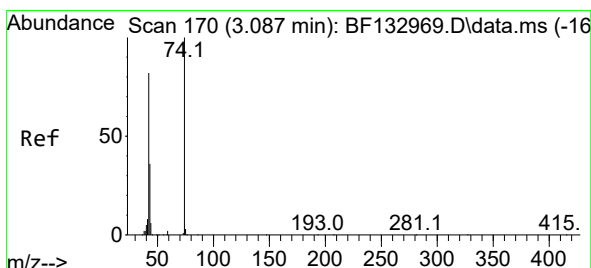
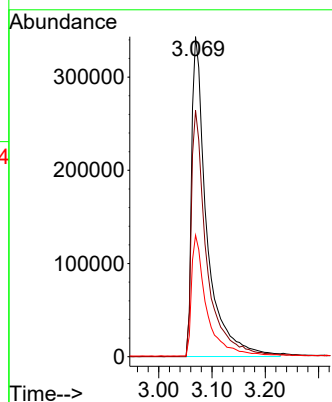
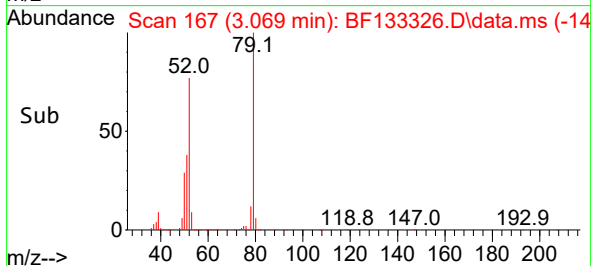
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



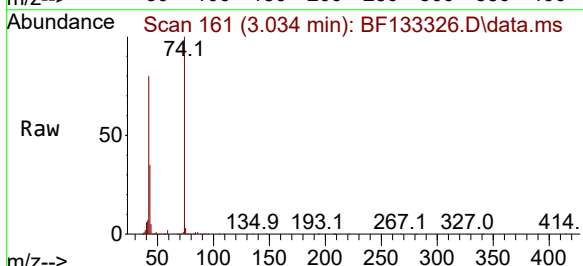
Tgt Ion: 79 Resp: 679190
Ion Ratio Lower Upper
79 100
52 77.0 64.6 96.8
51 37.9 30.0 45.0

Manual Integrations
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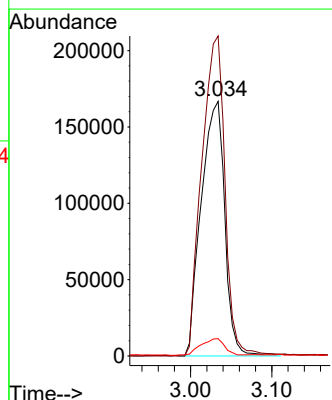
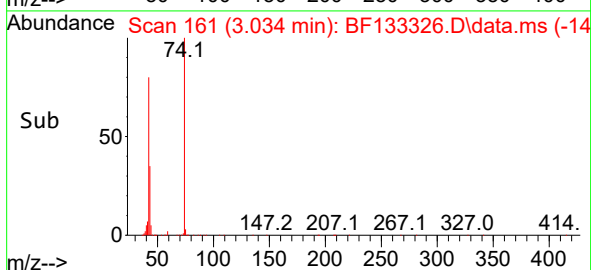
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023

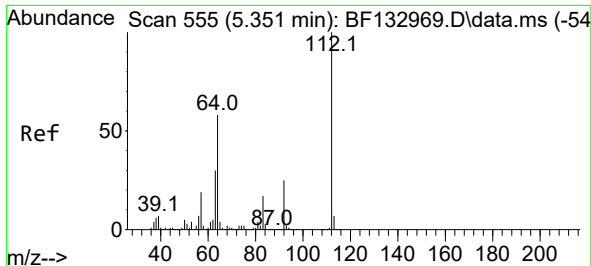


#4
n-Nitrosodimethylamine
Concen: 35.194 ng
RT: 3.034 min Scan# 161
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44



Tgt Ion: 42 Resp: 336644
Ion Ratio Lower Upper
42 100
74 125.7 98.0 147.0
44 6.8 5.8 8.8





#5
2-Fluorophenol
Concen: 75.174 ng
RT: 5.334 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

Instrument :

BNA_F

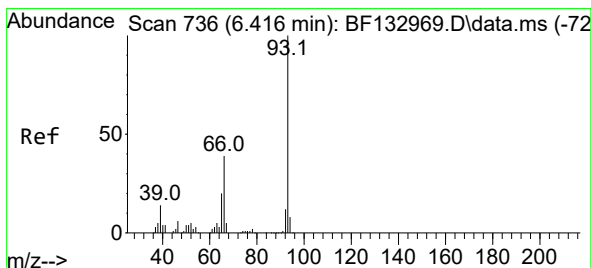
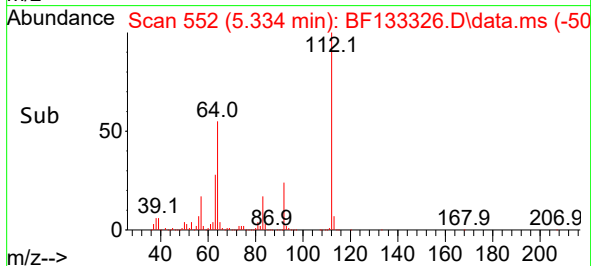
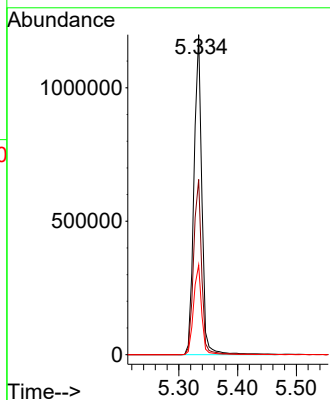
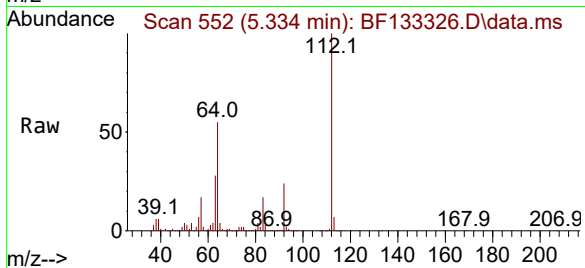
ClientSampleId :

SSTDCCC040

Tgt Ion:112 Resp: 112688
Ion Ratio Lower Upper
112 100
64 54.8 46.8 70.2
63 28.0 23.8 35.8

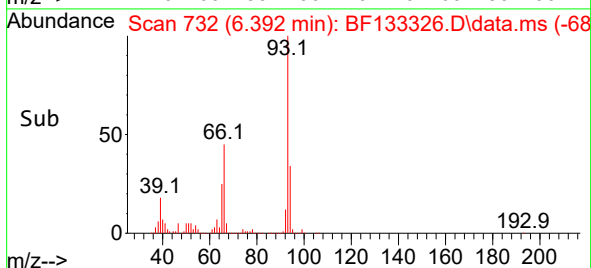
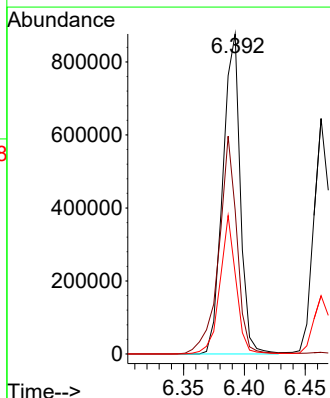
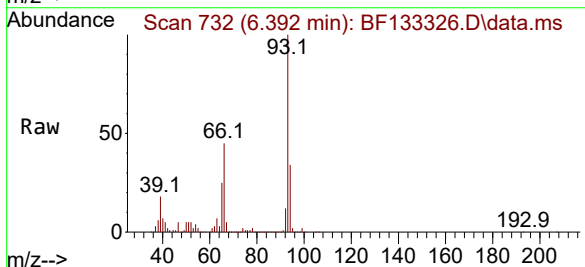
Manual Integrations
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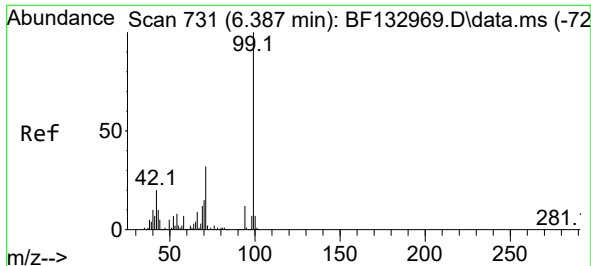
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#6
Aniline
Concen: 36.554 ng
RT: 6.392 min Scan# 732
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

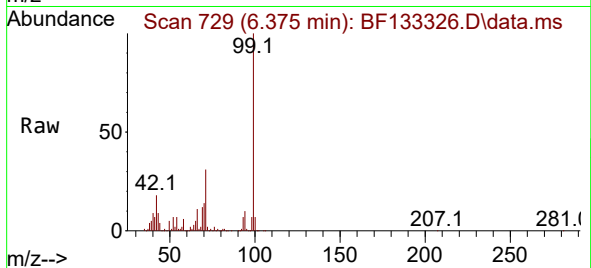
Tgt Ion: 93 Resp: 875986
Ion Ratio Lower Upper
93 100
66 45.0 31.5 47.3
65 25.1 16.4 24.6#





#7
Phenol-d6
Concen: 74.539 ng
RT: 6.375 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF133326.D
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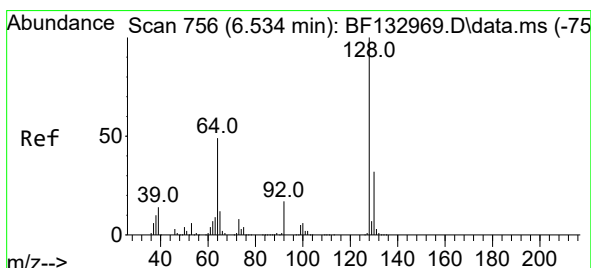
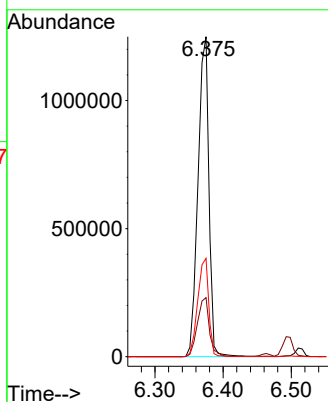
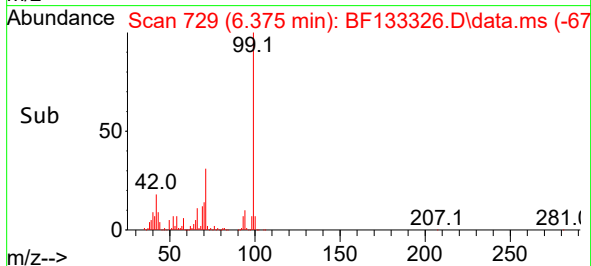
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Tgt Ion: 99 Resp: 138687
Ion Ratio Lower Upper
99 100
42 18.5 16.3 24.5
71 30.7 25.6 38.4

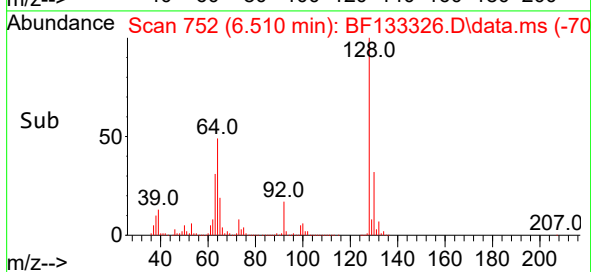
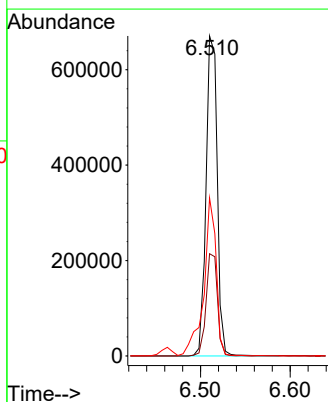
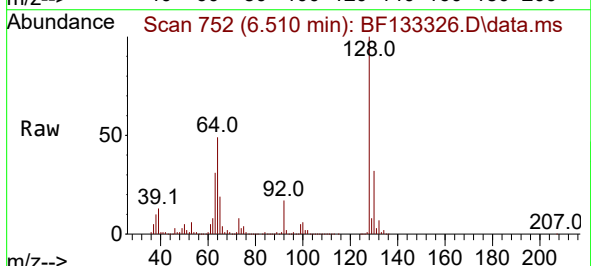
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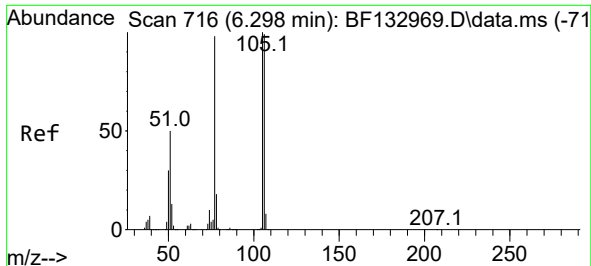
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#8
2-Chlorophenol
Concen: 38.236 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

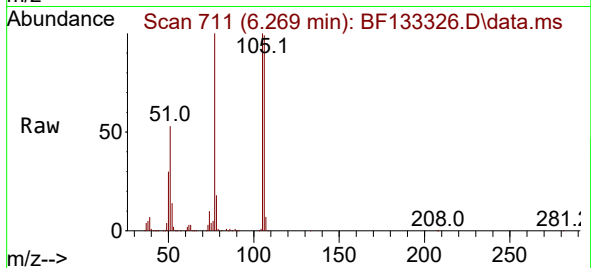
Tgt Ion:128 Resp: 581957
Ion Ratio Lower Upper
128 100
130 31.9 12.2 52.2
64 49.4 30.3 70.3





#9
Benzaldehyde
Concen: 37.965 ng
RT: 6.269 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

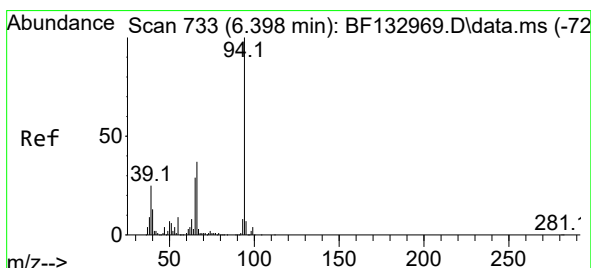
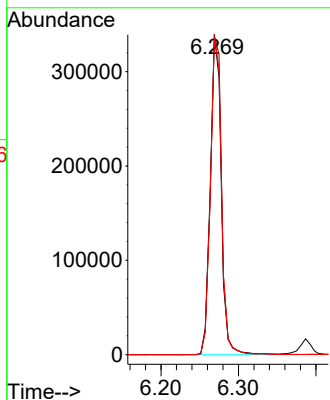
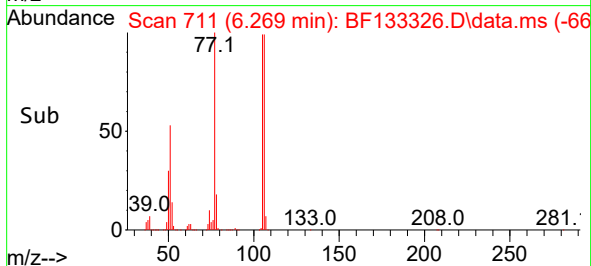
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 331852
Ion Ratio Lower Upper
77 100
105 99.5 82.3 122.3
106 99.3 80.8 120.8

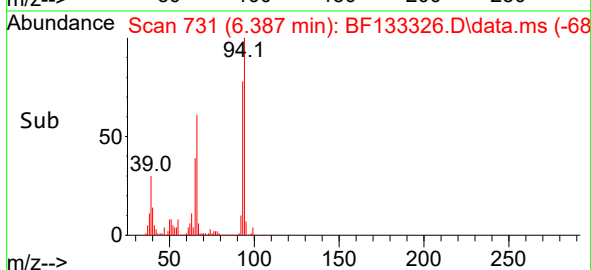
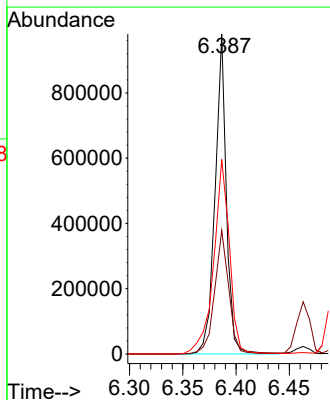
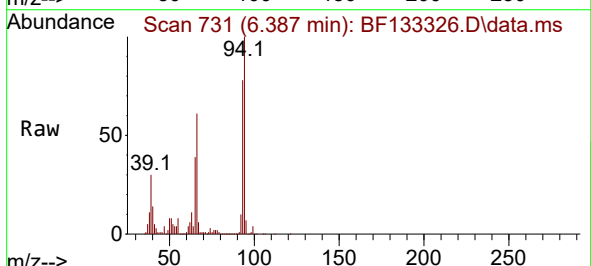
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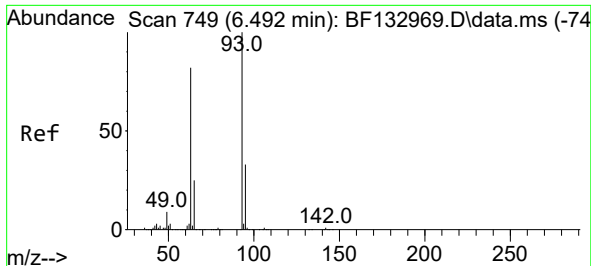
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#10
Phenol
Concen: 35.330 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

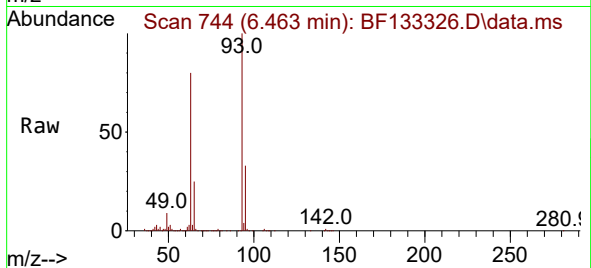
Tgt Ion: 94 Resp: 725172
Ion Ratio Lower Upper
94 100
65 38.7 8.6 48.6
66 60.8 17.3 57.3#





#11
bis(2-Chloroethyl)ether
Concen: 37.119 ng
RT: 6.463 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

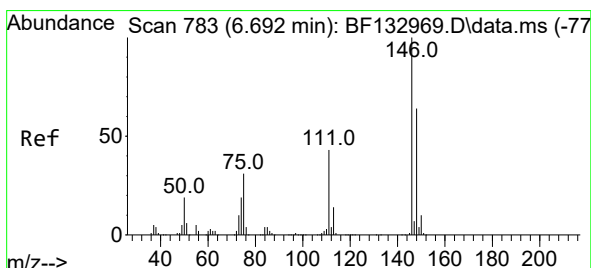
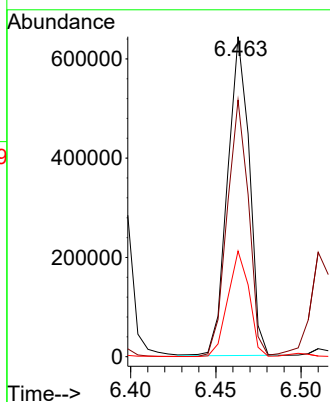
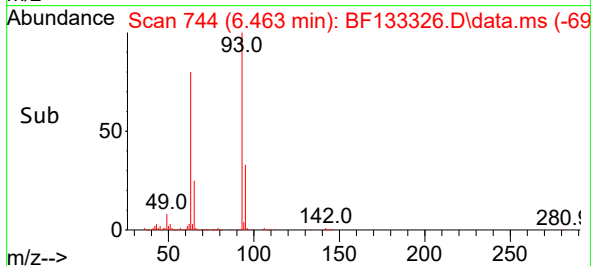
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



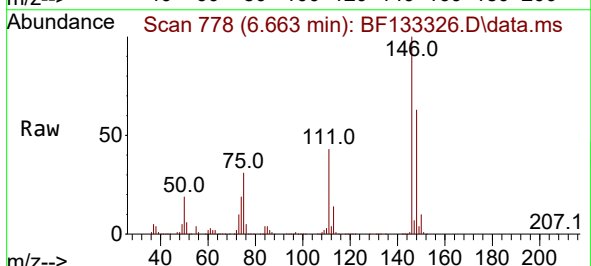
Tgt Ion: 93 Resp: 571730
Ion Ratio Lower Upper
93 100
63 80.2 60.6 100.6
95 33.0 12.9 52.9

Manual Integrations
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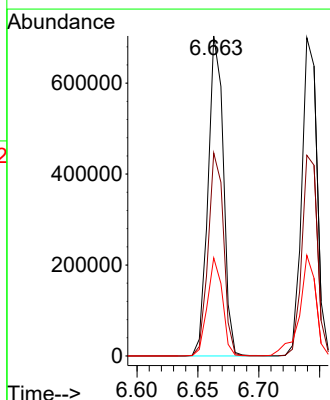
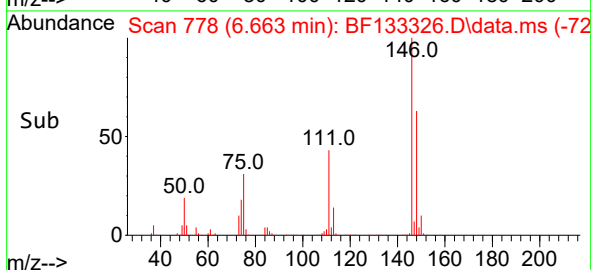
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023

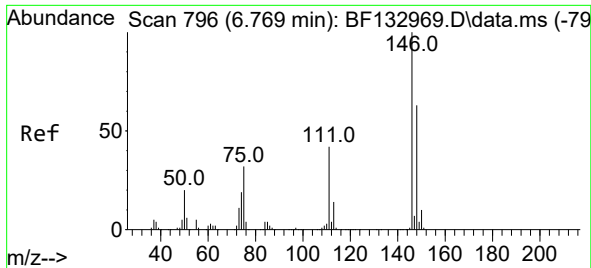


#12
1,3-Dichlorobenzene
Concen: 37.999 ng
RT: 6.663 min Scan# 778
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44



Tgt Ion:146 Resp: 614884
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.4
75 30.7 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 37.828 ng

RT: 6.739 min Scan# 796

Delta R.T. 0.000 min

Lab File: BF133326.D

Acq: 10 May 2023 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 613469

Ion Ratio Lower Upper

146 100

148 63.0 50.3 75.5

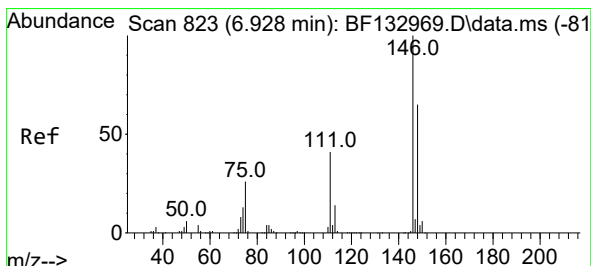
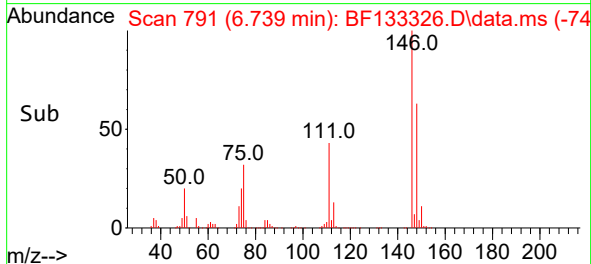
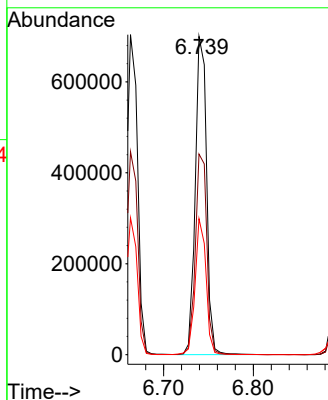
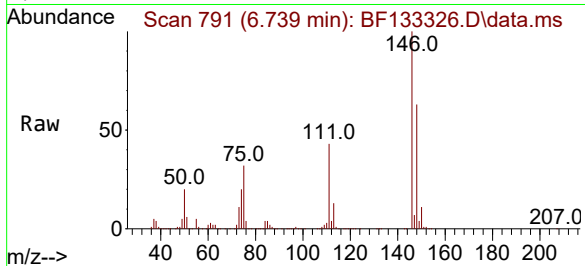
111 42.7 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/11/2023

Supervised By :Jagrut Upadhyay 05/11/2023



#14

1,2-Dichlorobenzene

Concen: 38.332 ng

RT: 6.898 min Scan# 818

Delta R.T. 0.000 min

Lab File: BF133326.D

Acq: 10 May 2023 12:44

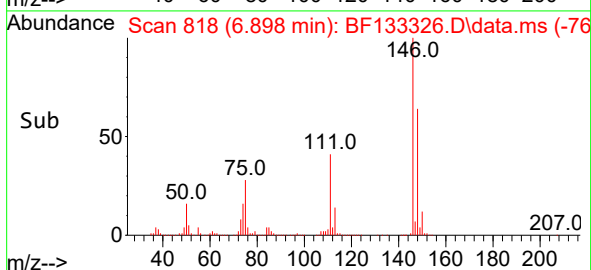
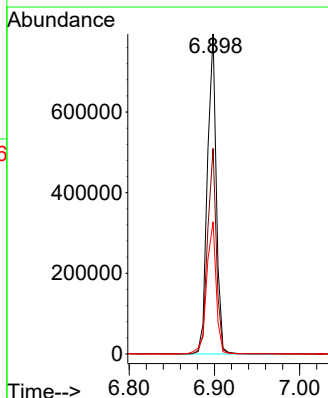
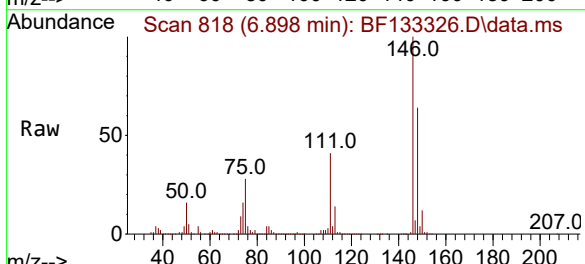
Tgt Ion:146 Resp: 573118

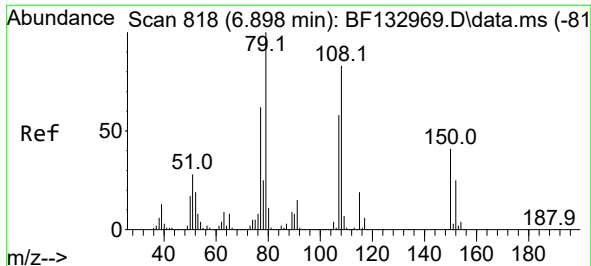
Ion Ratio Lower Upper

146 100

148 64.3 52.2 78.2

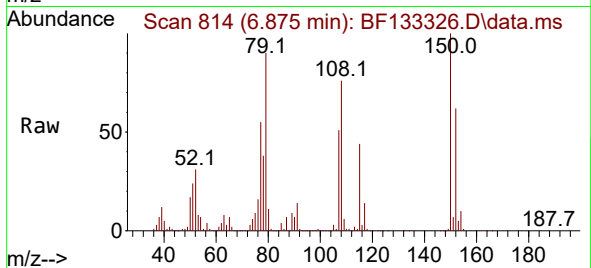
111 41.3 32.8 49.2





#15
Benzyl Alcohol
Concen: 36.663 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

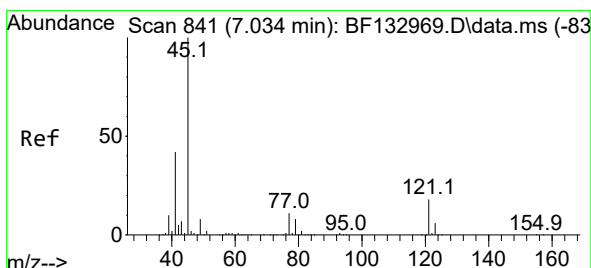
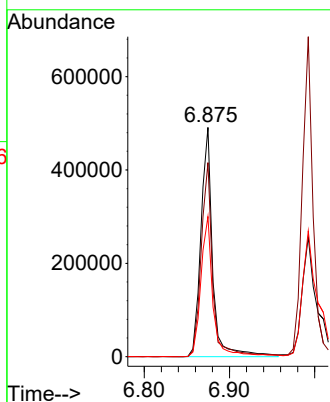
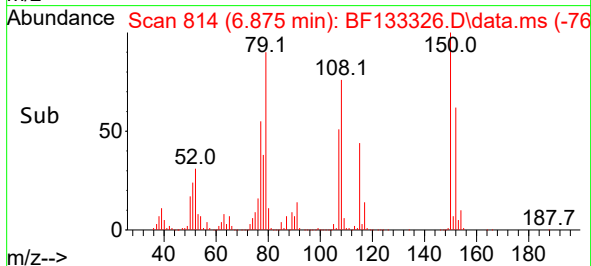
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 471207
Ion Ratio Lower Upper
79 100
108 84.6 66.6 99.8
77 61.2 49.2 73.8

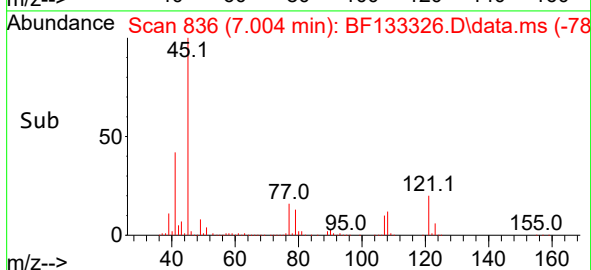
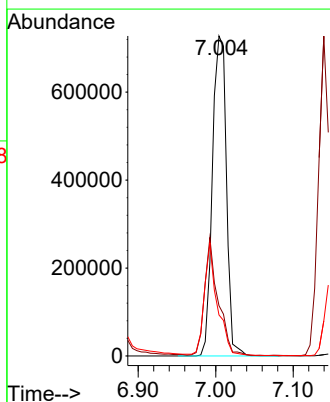
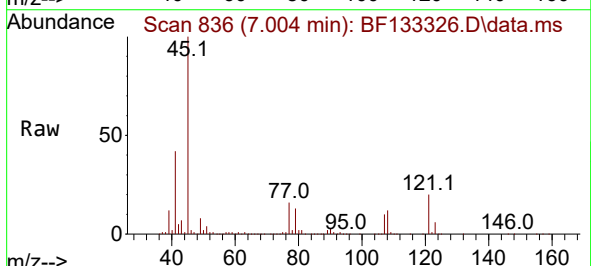
Manual Integrations
APPROVED

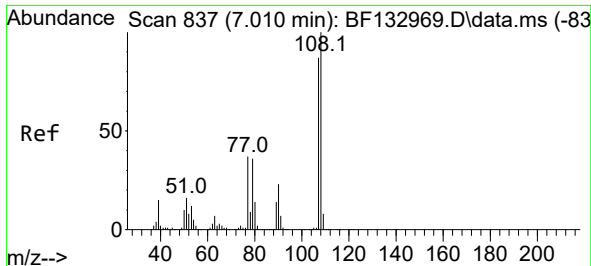
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.085 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

Tgt Ion: 45 Resp: 911854
Ion Ratio Lower Upper
45 100
77 15.7 0.0 31.5
79 12.8 0.0 28.7





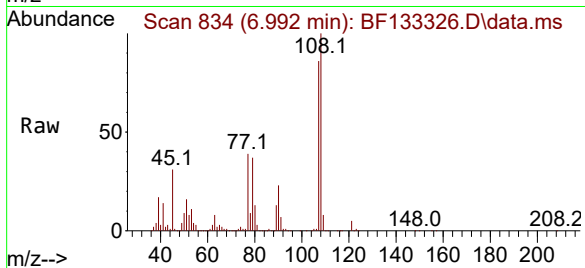
#17
2-Methylphenol
Concen: 37.786 ng
RT: 6.992 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

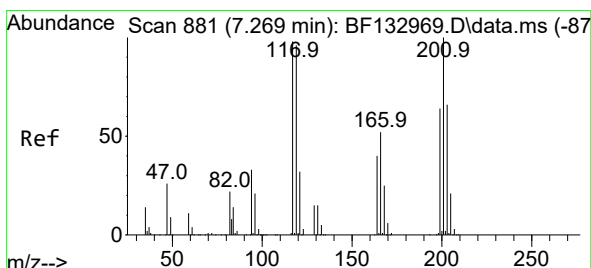
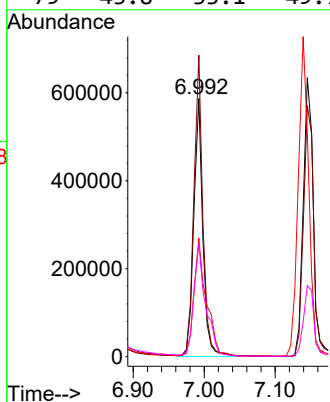
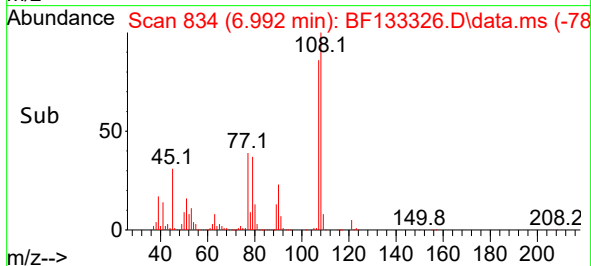


Tgt Ion:107 Resp: 526612
Ion Ratio Lower Upper
107 100
108 116.8 92.4 138.6
77 45.9 33.8 50.8
79 43.8 33.1 49.7

Manual Integrations

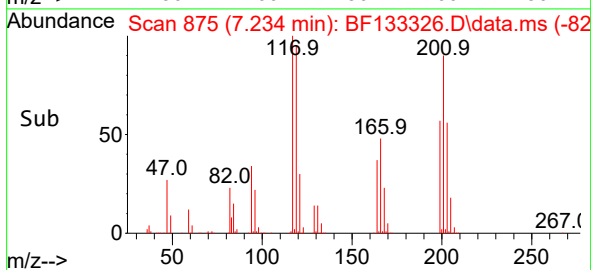
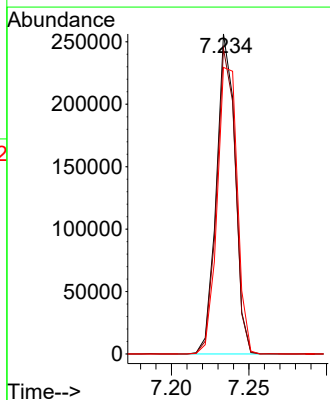
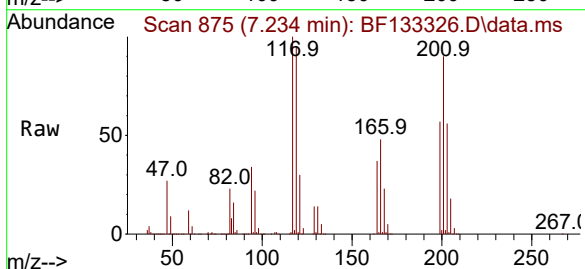
APPROVED

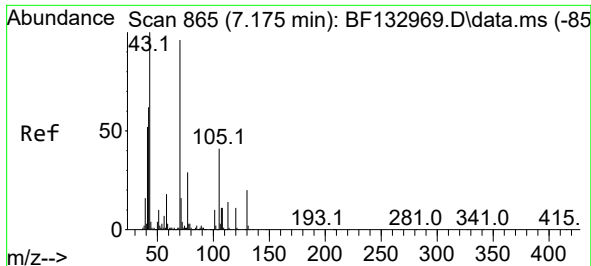
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#18
Hexachloroethane
Concen: 38.156 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

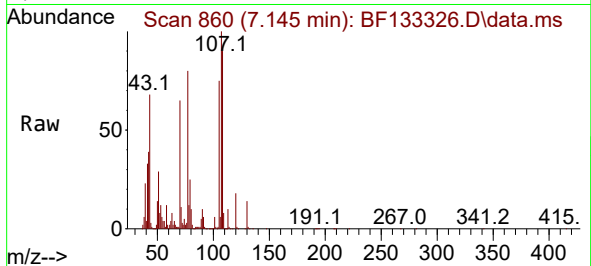
Tgt Ion:117 Resp: 215138
Ion Ratio Lower Upper
117 100
119 95.4 78.2 117.4
201 89.5 81.7 122.5





#19
n-Nitroso-di-n-propylamine
Concen: 33.782 ng
RT: 7.145 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

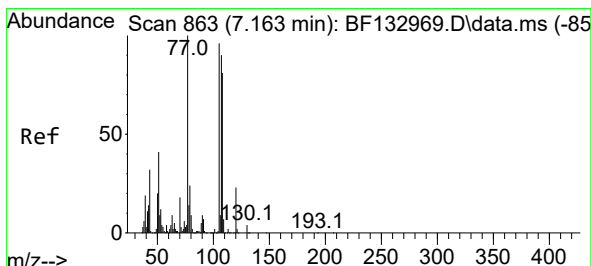
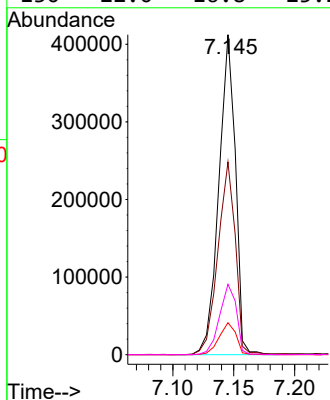
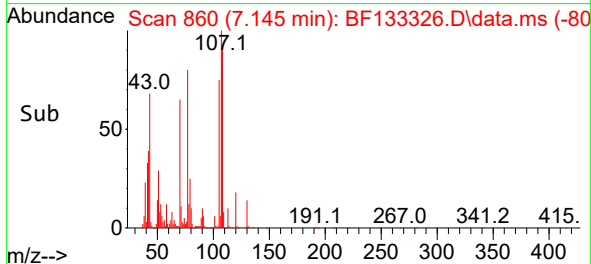
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 70 Resp: 391308
Ion Ratio Lower Upper
70 100
42 60.2 51.8 77.6
101 10.0 8.0 12.0
130 22.0 16.8 25.2

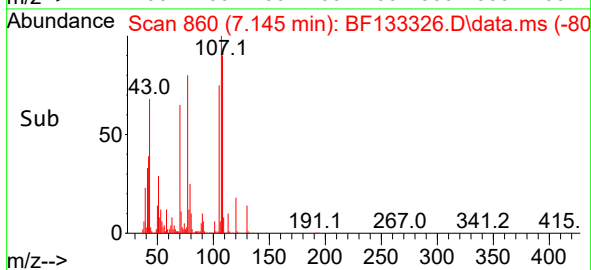
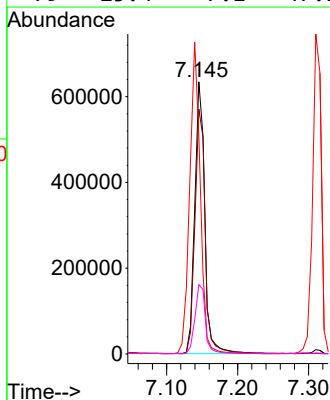
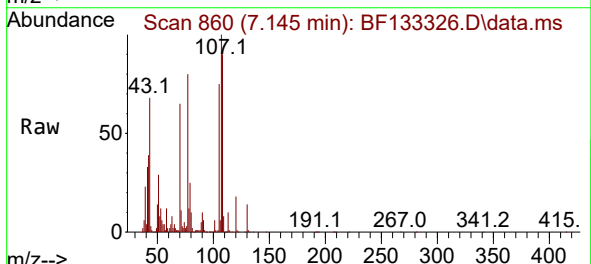
Manual Integrations
APPROVED

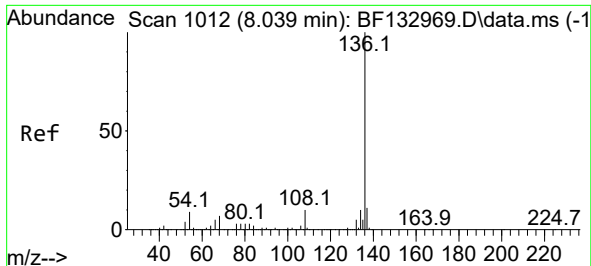
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#20
3+4-Methylphenols
Concen: 37.973 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

Tgt Ion:107 Resp: 623234
Ion Ratio Lower Upper
107 100
108 89.9 70.5 110.5
77 80.1 91.7 131.7#
79 25.4 7.1 47.1





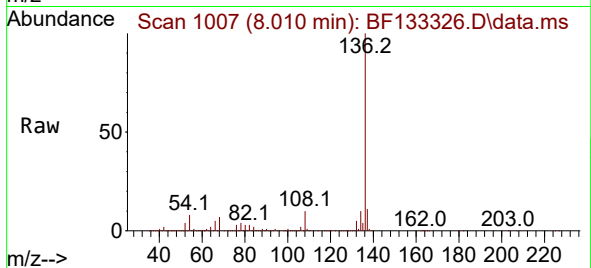
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

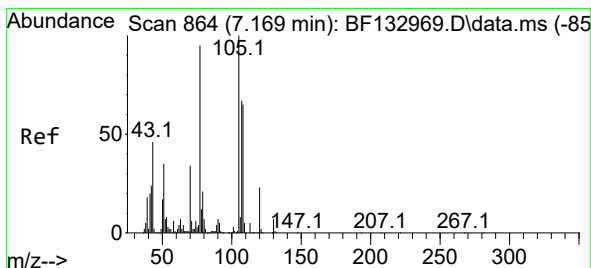
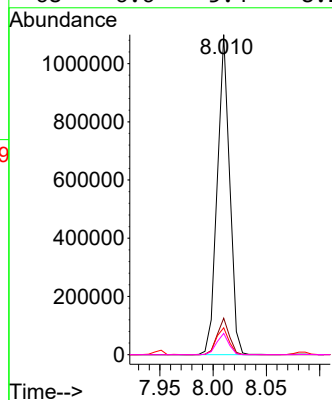
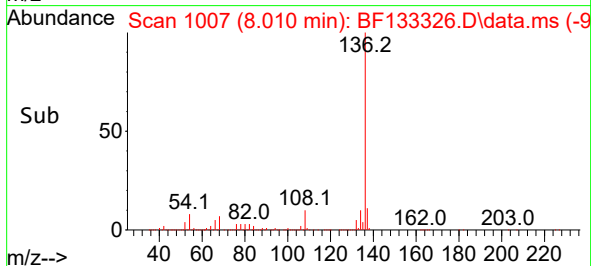


Tgt Ion:136 Resp: 888695
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 8.4 7.0 10.4
68 6.6 5.4 8.2

Manual Integrations

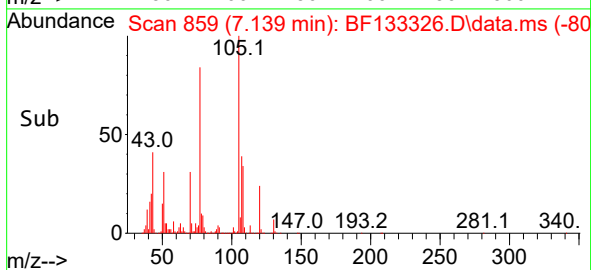
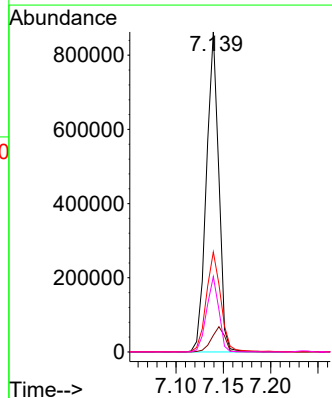
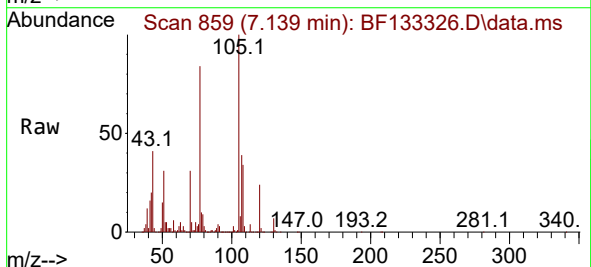
APPROVED

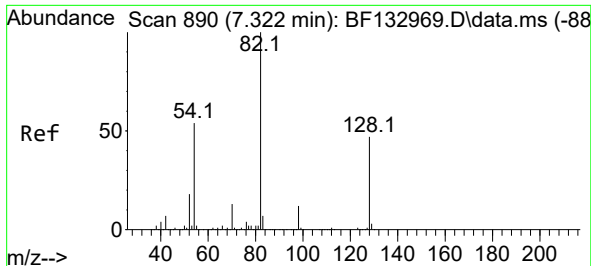
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#22
Acetophenone
Concen: 37.975 ng
RT: 7.139 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

Tgt Ion:105 Resp: 781766
Ion Ratio Lower Upper
105 100
71 5.2 4.6 7.0
51 31.2 28.2 42.2
120 23.6 18.4 27.6





#23

Nitrobenzene-d5

Concen: 75.024 ng

RT: 7.292 min Scan# 885

Delta R.T. 0.000 min

Lab File: BF133326.D

Acq: 10 May 2023 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1235220

Ion Ratio Lower Upper

82 100

128 47.6 37.7 56.5

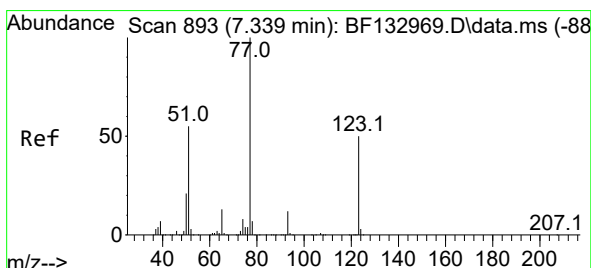
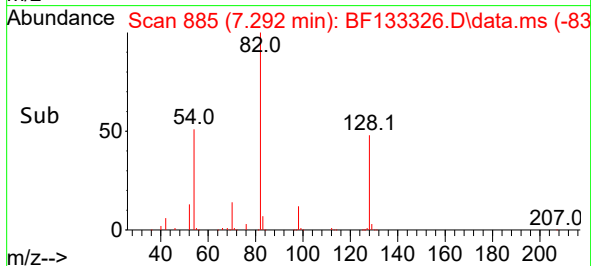
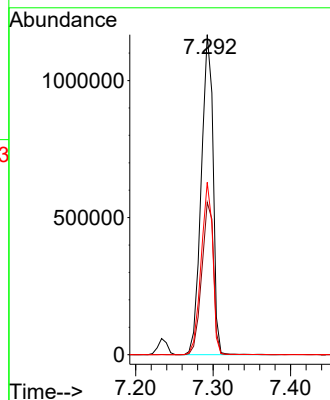
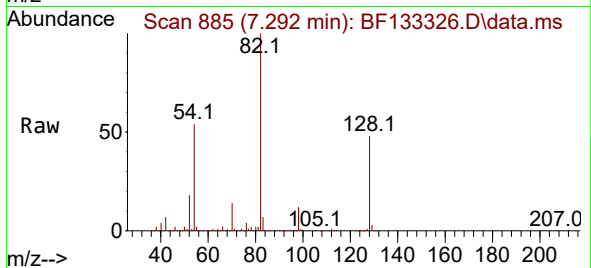
54 53.8 43.0 64.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/11/2023

Supervised By :Jagrut Upadhyay 05/11/2023



#24

Nitrobenzene

Concen: 37.780 ng

RT: 7.310 min Scan# 888

Delta R.T. -0.006 min

Lab File: BF133326.D

Acq: 10 May 2023 12:44

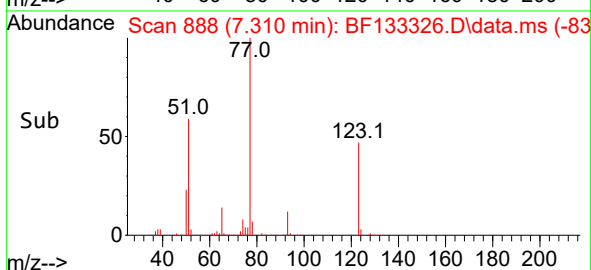
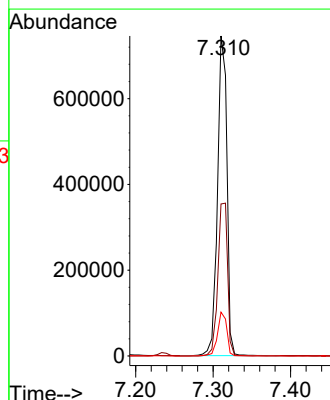
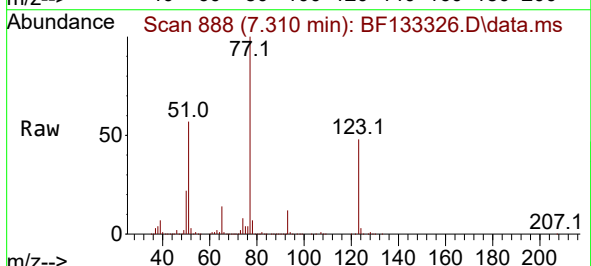
Tgt Ion: 77 Resp: 630315

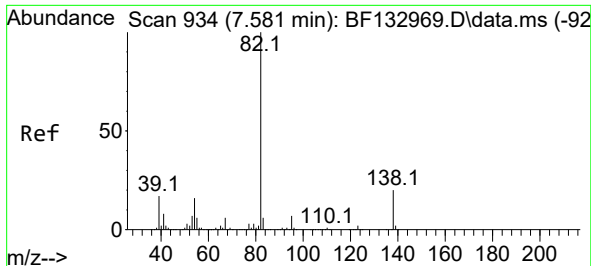
Ion Ratio Lower Upper

77 100

123 47.5 39.9 59.9

65 13.7 10.7 16.1





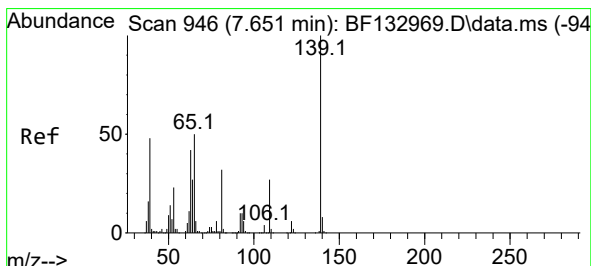
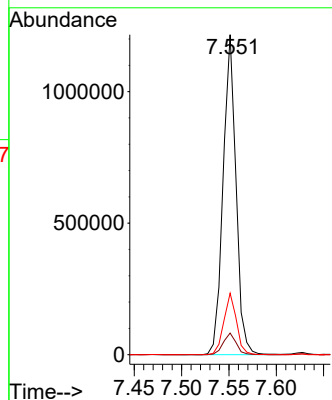
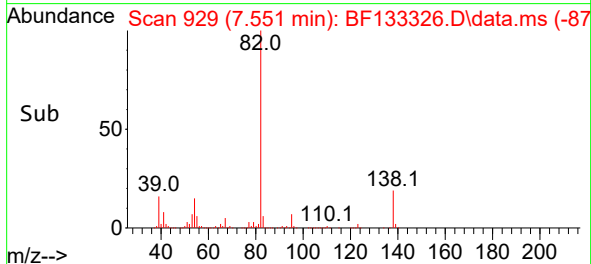
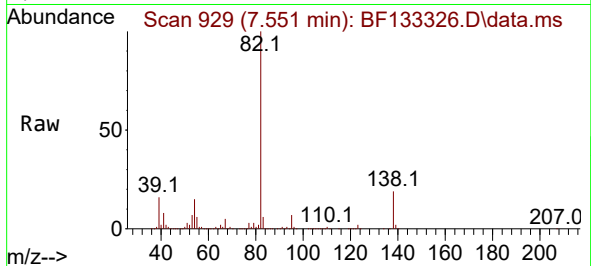
#25
Isophorone
Concen: 36.966 ng
RT: 7.551 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 115556
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 19.2 16.0 24.0

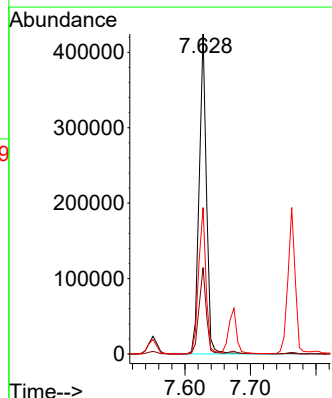
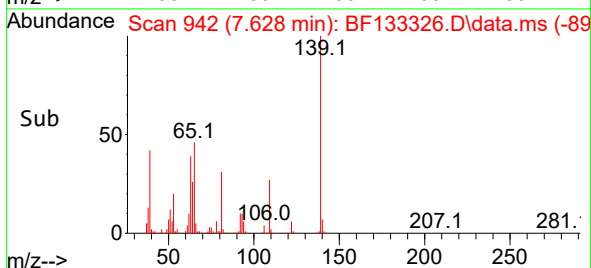
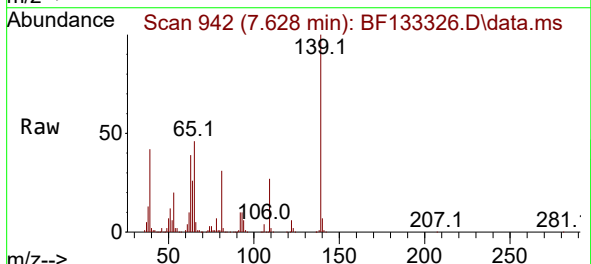
Manual Integrations
APPROVED

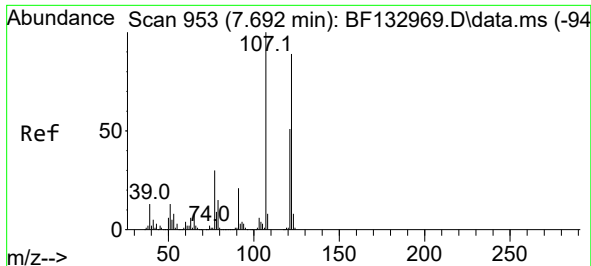
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#26
2-Nitrophenol
Concen: 40.991 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

Tgt Ion:139 Resp: 329860
Ion Ratio Lower Upper
139 100
109 27.0 21.6 32.4
65 45.8 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 38.178 ng

RT: 7.675 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF133326.D

Acq: 10 May 2023 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:122 Resp: 526800

Ion Ratio Lower Upper

122 100

107 109.4 89.7 134.5

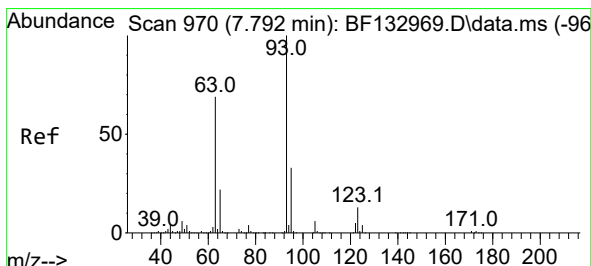
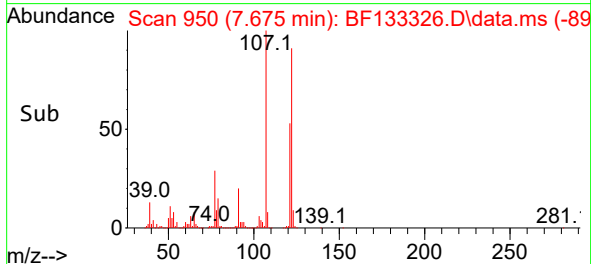
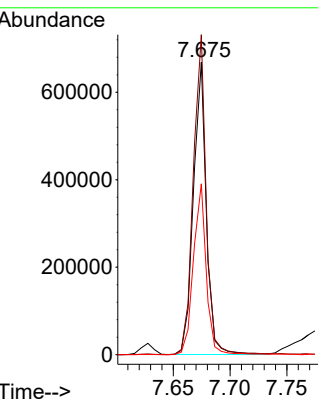
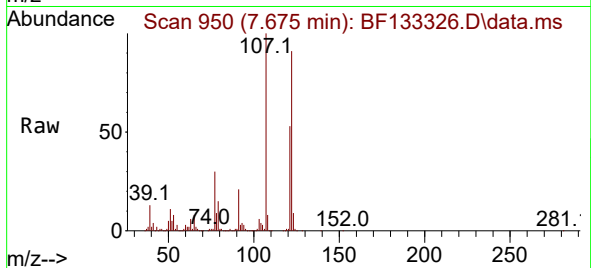
121 58.4 46.0 69.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/11/2023

Supervised By :Jagrut Upadhyay 05/11/2023



#28

bis(2-Chloroethoxy)methane

Concen: 37.349 ng

RT: 7.763 min Scan# 965

Delta R.T. 0.000 min

Lab File: BF133326.D

Acq: 10 May 2023 12:44

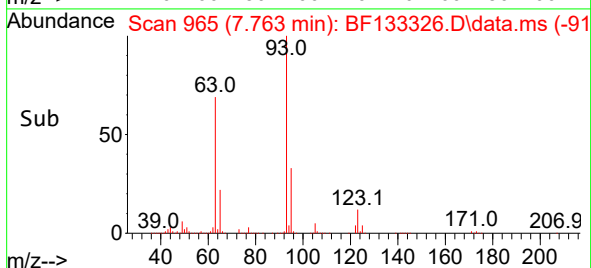
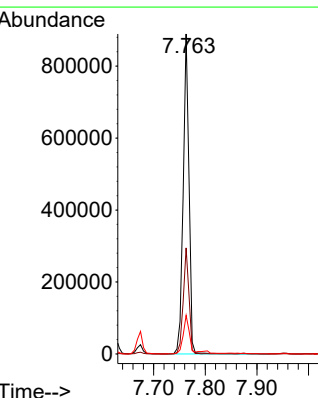
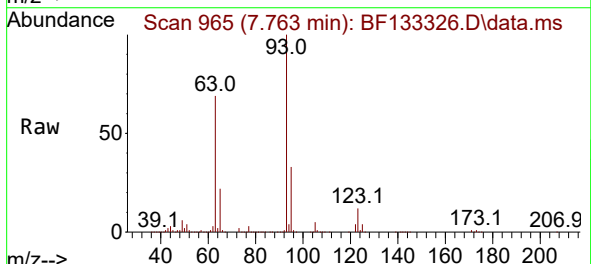
Tgt Ion: 93 Resp: 690702

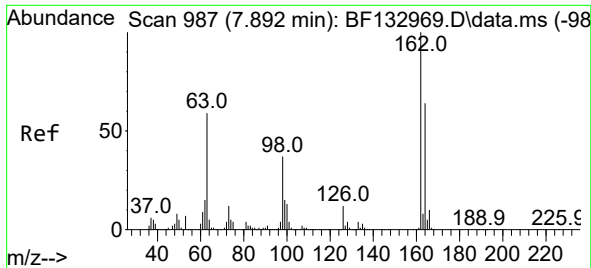
Ion Ratio Lower Upper

93 100

95 33.1 26.4 39.6

123 12.1 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 38.930 ng

RT: 7.875 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF133326.D

Acq: 10 May 2023 12:44

Instrument :

BNA_F

ClientSampleId :

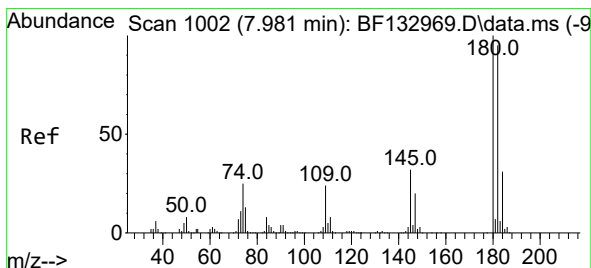
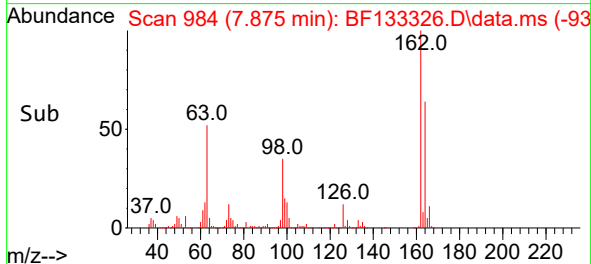
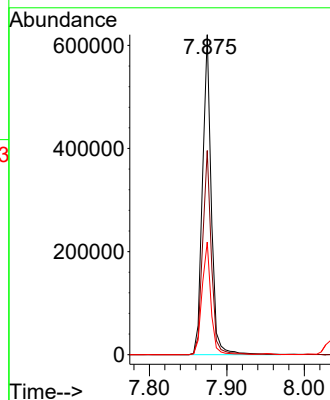
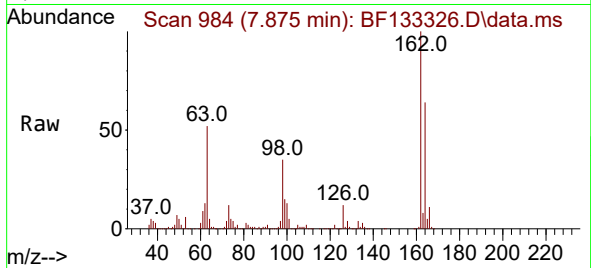
SSTDCCC040

Tgt Ion:	162	Resp:	489014
Ion Ratio	Lower	Upper	
162	100		
164	63.8	43.9	83.9
98	35.2	17.0	57.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#30

1,2,4-Trichlorobenzene

Concen: 38.723 ng

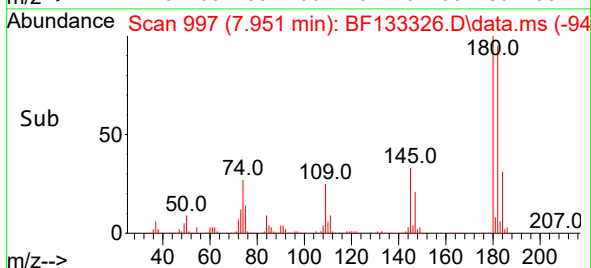
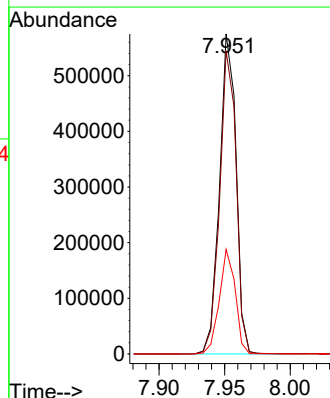
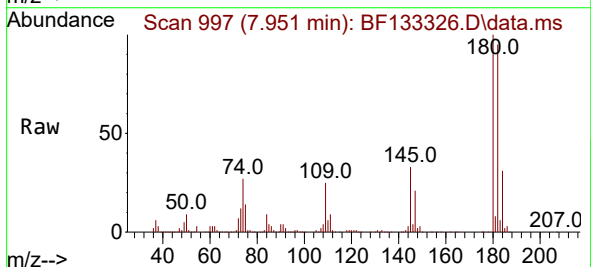
RT: 7.951 min Scan# 997

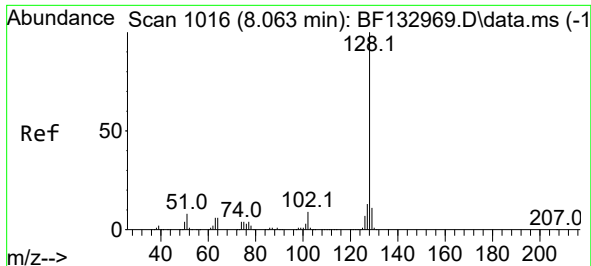
Delta R.T. 0.000 min

Lab File: BF133326.D

Acq: 10 May 2023 12:44

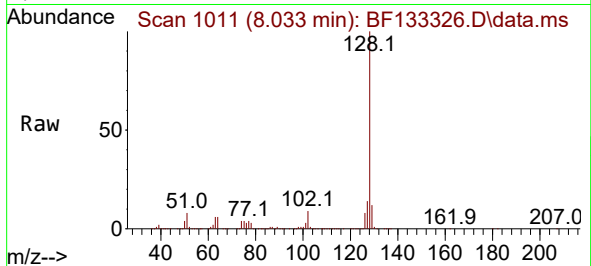
Tgt Ion:	180	Resp:	503929
Ion Ratio	Lower	Upper	
180	100		
182	94.8	75.9	113.9
145	32.7	25.3	37.9





#31
Naphthalene
Concen: 37.915 ng
RT: 8.033 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

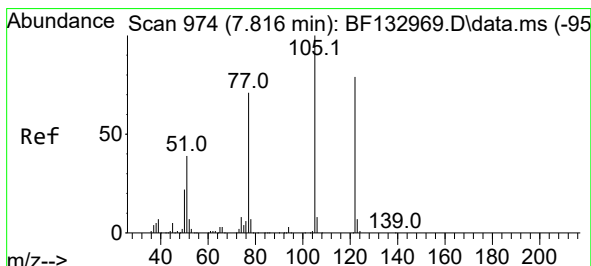
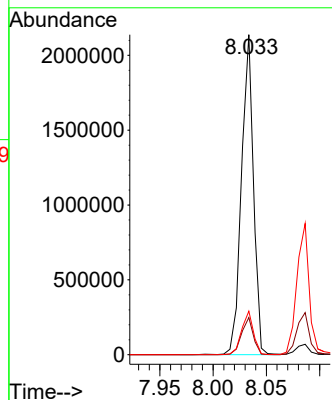
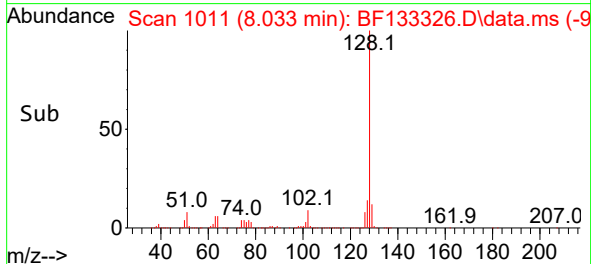
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 168461
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.6 10.7 16.1

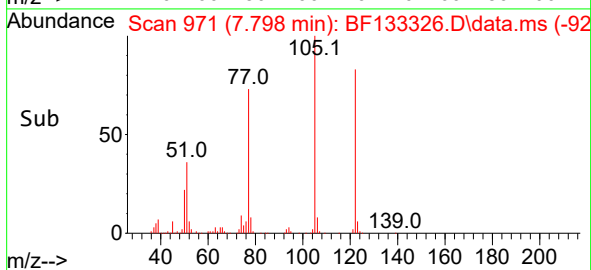
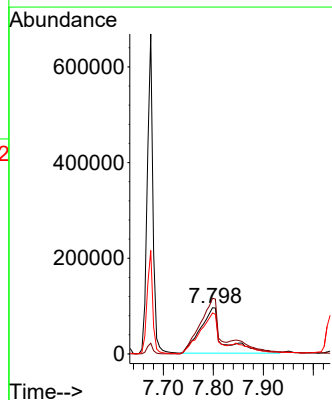
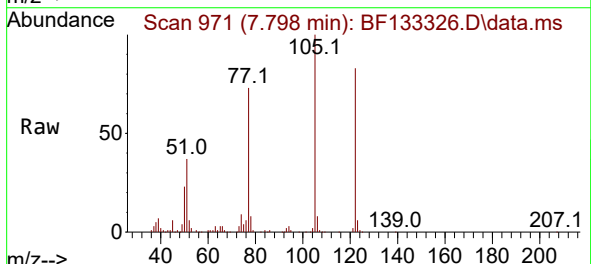
Manual Integrations
APPROVED

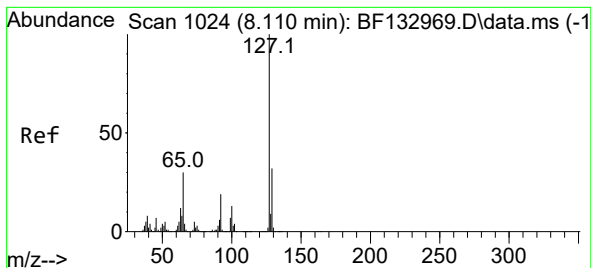
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#32
Benzoic acid
Concen: 35.084 ng m
RT: 7.798 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

Tgt Ion:122 Resp: 299025
Ion Ratio Lower Upper
122 100
105 120.3 104.2 144.2
77 88.3 69.7 109.7





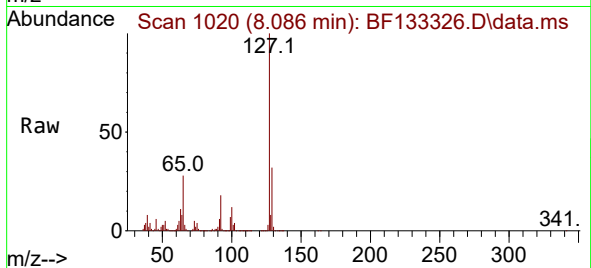
#33
4-Chloroaniline
Concen: 40.577 ng
RT: 8.086 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

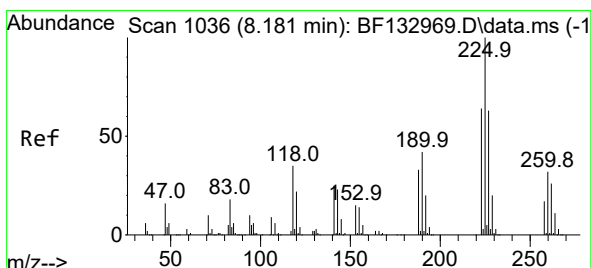
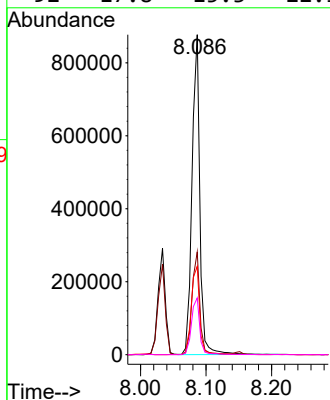
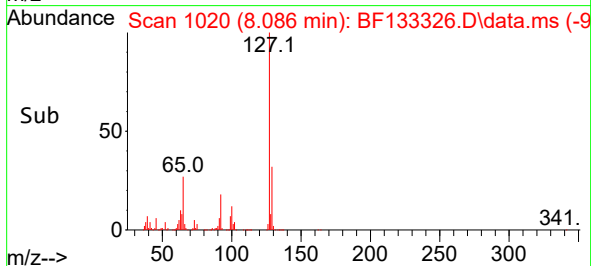


Tgt Ion:127 Resp: 728448
Ion Ratio Lower Upper
127 100
129 32.1 25.8 38.8
65 27.6 23.6 35.4
92 17.8 15.3 22.9

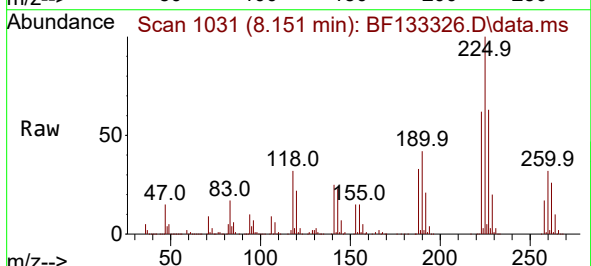
Manual Integrations

APPROVED

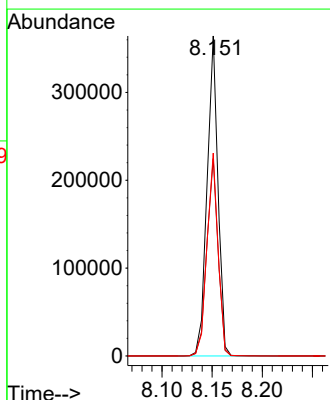
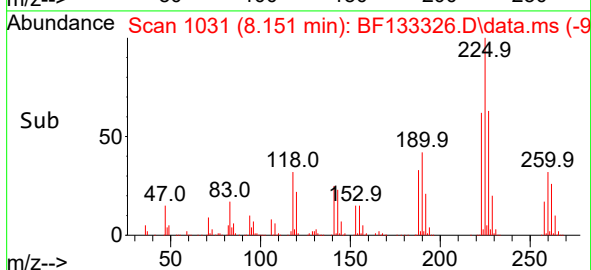
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023

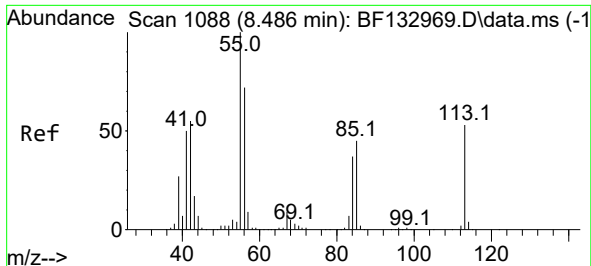


#34
Hexachlorobutadiene
Concen: 38.380 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44



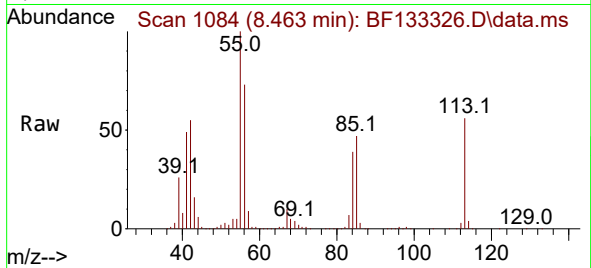
Tgt Ion:225 Resp: 276820
Ion Ratio Lower Upper
225 100
223 61.7 50.9 76.3
227 63.4 50.3 75.5





#35
 Caprolactam
 Concen: 40.124 ng m
 RT: 8.463 min Scan# 1084
 Delta R.T. 0.000 min
 Lab File: BF133326.D
 Acq: 10 May 2023 12:44

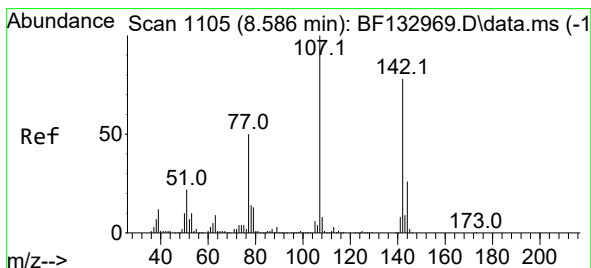
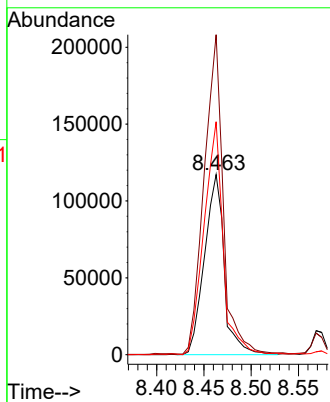
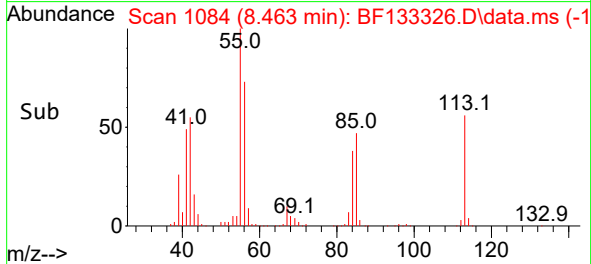
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



Tgt Ion:113 Resp: 169315
 Ion Ratio Lower Upper
 113 100
 55 177.6 167.1 207.1
 56 129.3 114.5 154.5

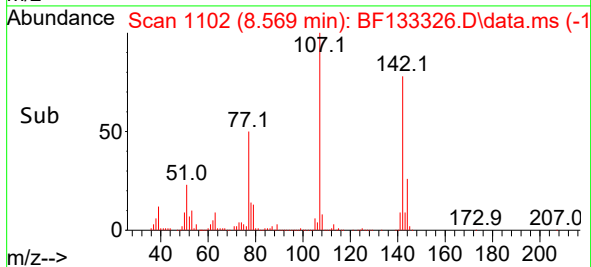
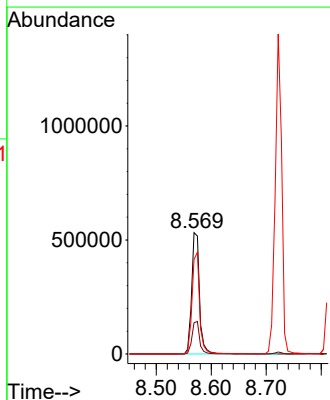
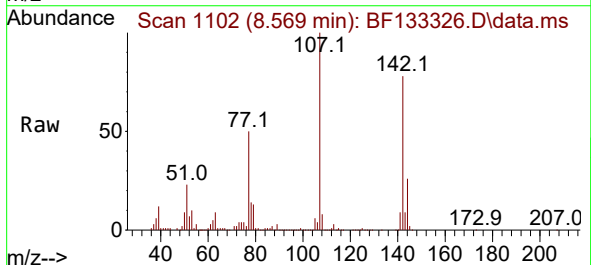
Manual Integrations
 APPROVED

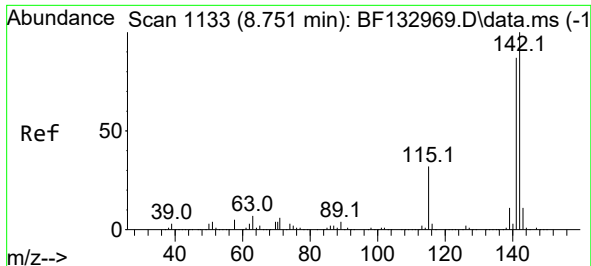
Reviewed By :Christian Giraldo 05/11/2023
 Supervised By :Jagrut Upadhyay 05/11/2023



#36
 4-Chloro-3-methylphenol
 Concen: 38.828 ng
 RT: 8.569 min Scan# 1102
 Delta R.T. 0.000 min
 Lab File: BF133326.D
 Acq: 10 May 2023 12:44

Tgt Ion:107 Resp: 525959
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.6 30.8
 142 77.9 62.8 94.2





#37
2-Methylnaphthalene
Concen: 38.089 ng
RT: 8.722 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

Instrument :

BNA_F

ClientSampleId :

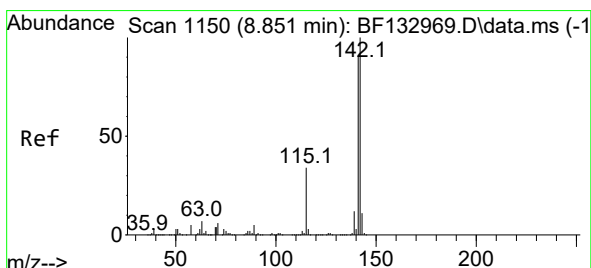
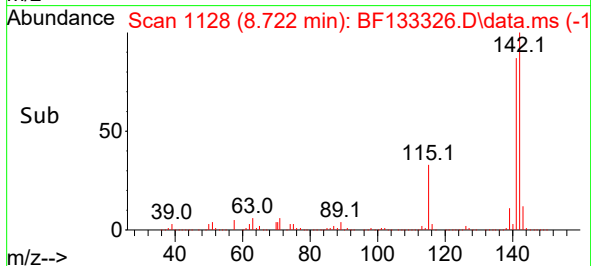
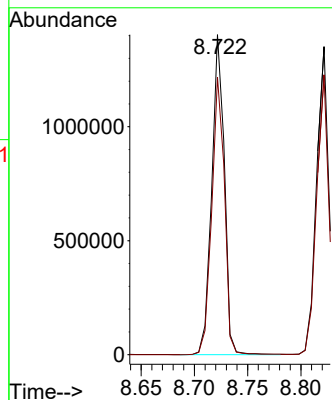
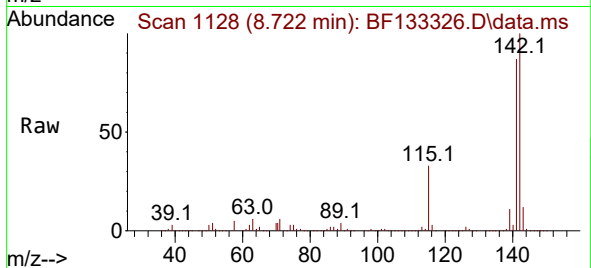
SSTDCCC040

Tgt Ion:142 Resp: 115703
Ion Ratio Lower Upper
142 100
141 86.8 69.4 104.0

Manual Integrations

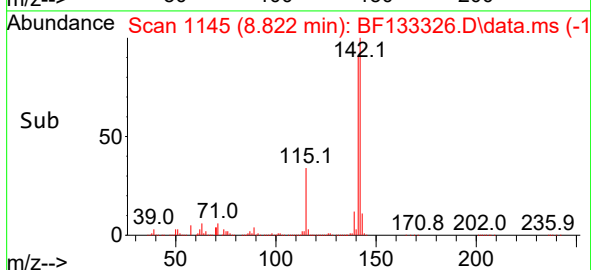
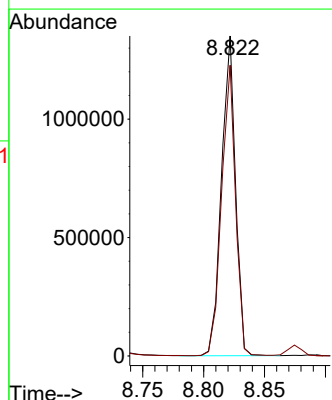
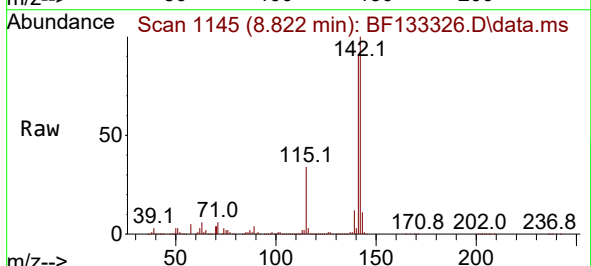
APPROVED

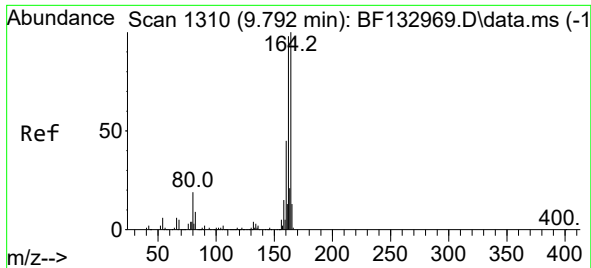
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#38
1-Methylnaphthalene
Concen: 38.081 ng
RT: 8.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

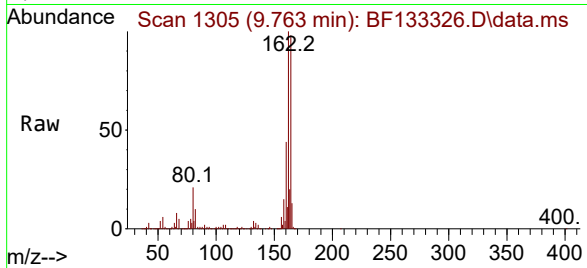
Tgt Ion:142 Resp: 1082160
Ion Ratio Lower Upper
142 100
141 90.9 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1105
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

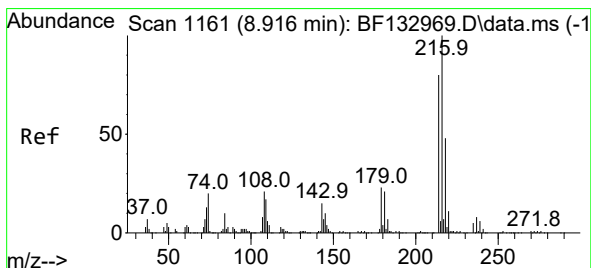
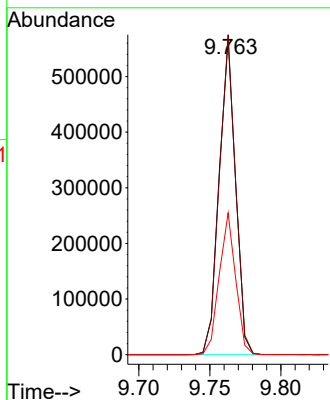
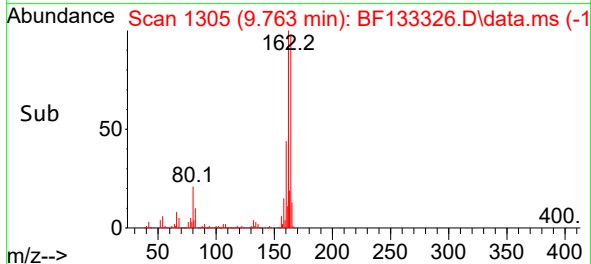
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



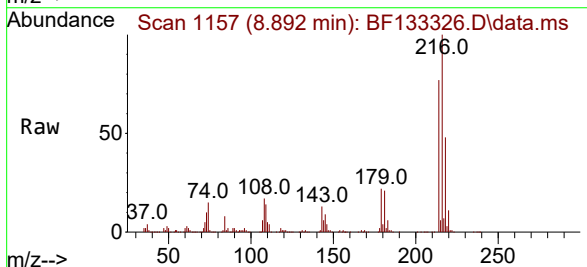
Tgt Ion:164 Resp: 456658
Ion Ratio Lower Upper
164 100
162 101.6 78.7 118.1
160 45.0 35.8 53.6

Manual Integrations
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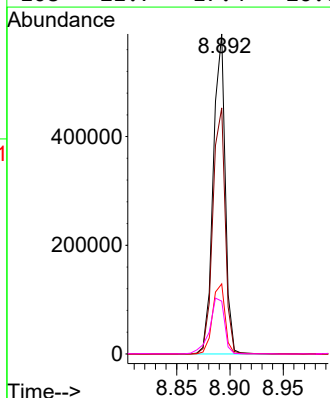
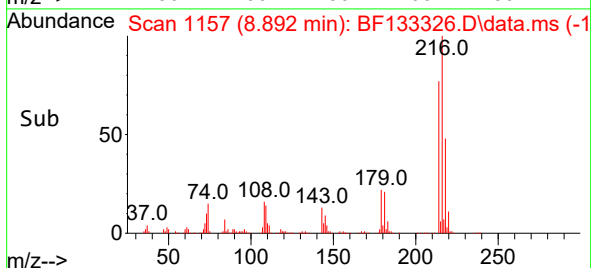
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023

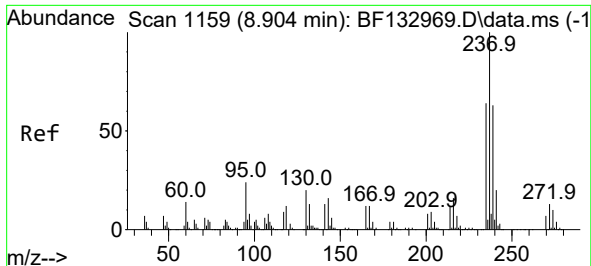


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.451 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44



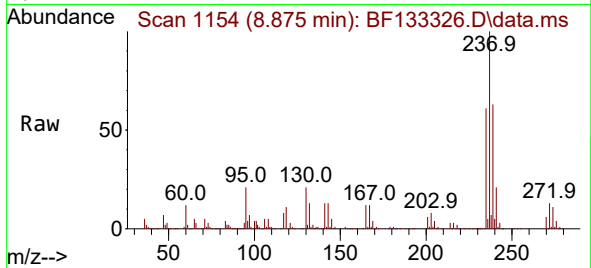
Tgt Ion:216 Resp: 459831
Ion Ratio Lower Upper
216 100
214 79.7 63.5 95.3
179 23.1 17.4 26.2
108 21.7 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 40.194 ng
RT: 8.875 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

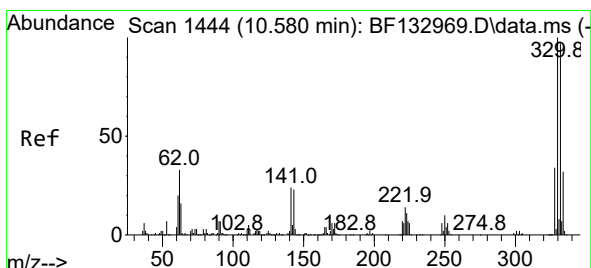
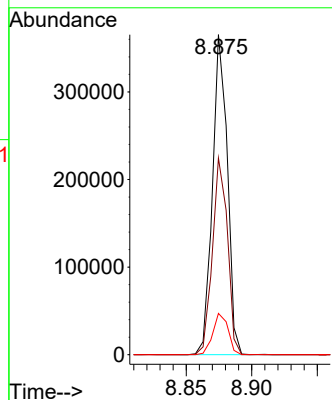
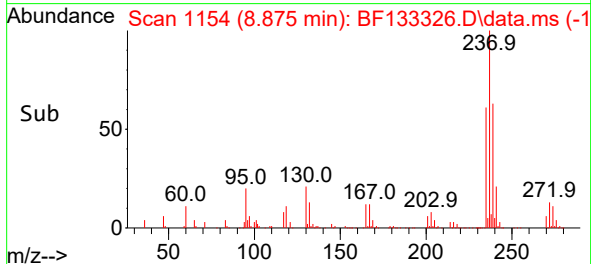
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



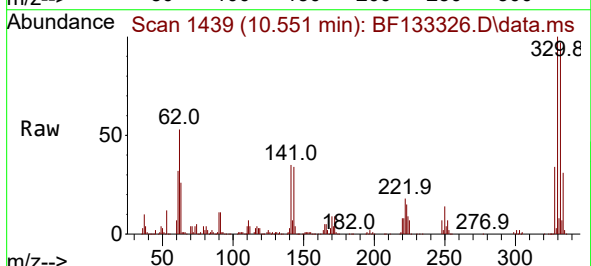
Tgt Ion: 237 Resp: 287810
Ion Ratio Lower Upper
237 100
235 61.5 43.5 83.5
272 12.9 0.0 32.7

Manual Integrations
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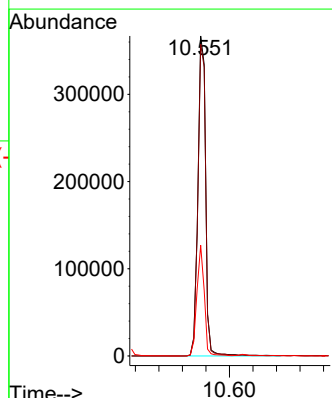
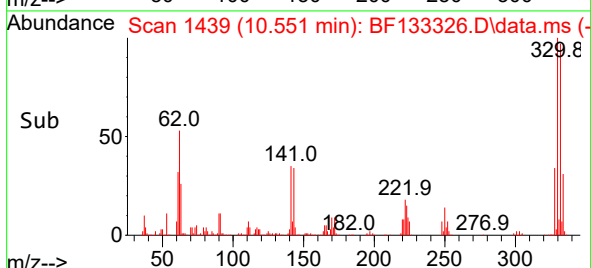
Reviewed By : Christian Giraldo 05/11/2023
Supervised By : Jagrut Upadhyay 05/11/2023

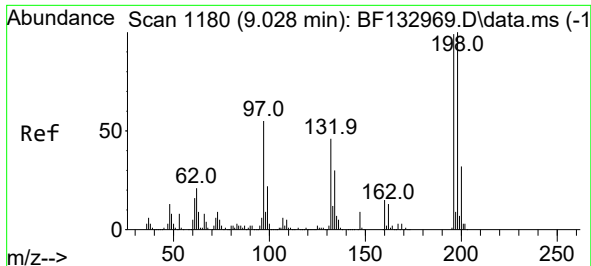


#42
2,4,6-Tribromophenol
Concen: 72.446 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44



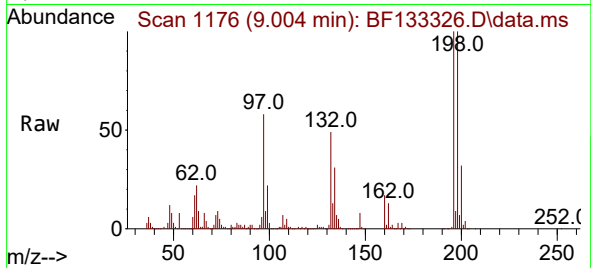
Tgt Ion: 330 Resp: 332710
Ion Ratio Lower Upper
330 100
332 98.1 77.1 115.7
141 33.2 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 37.780 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

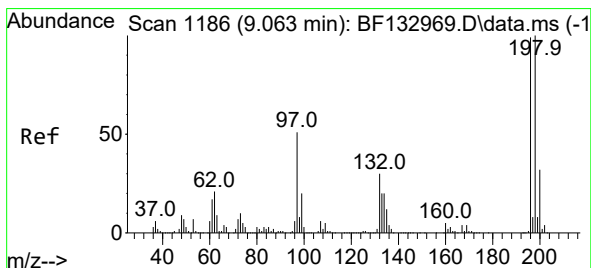
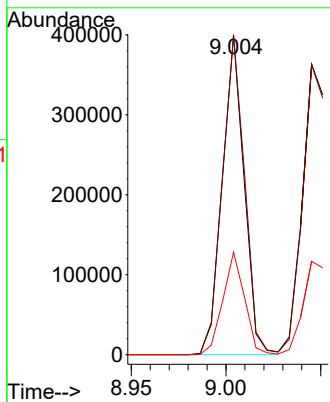
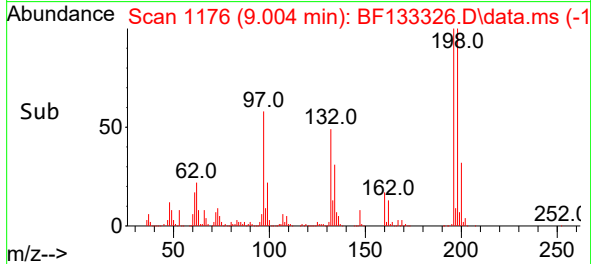
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



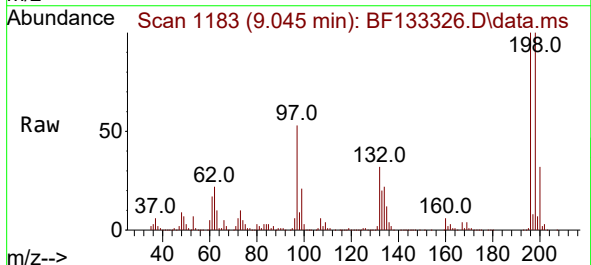
Tgt Ion:196 Resp: 320800
Ion Ratio Lower Upper
196 100
198 100.1 81.0 121.6
200 32.1 26.1 39.1

Manual Integrations
APPROVED

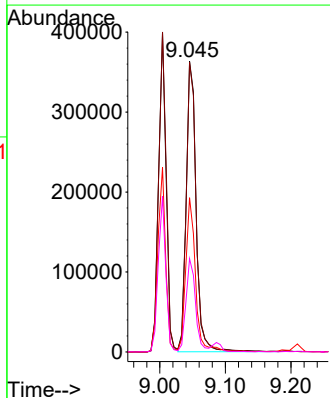
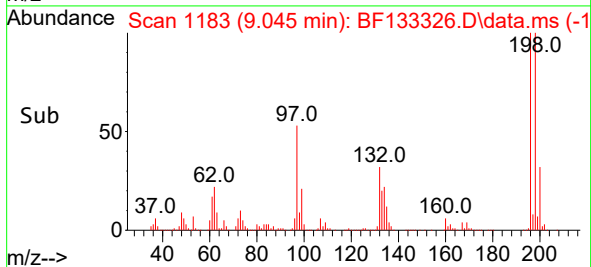
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023

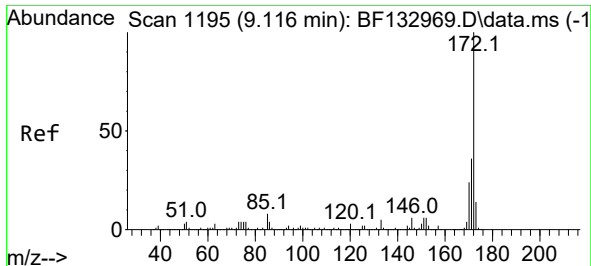


#44
2,4,5-Trichlorophenol
Concen: 38.720 ng
RT: 9.045 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44



Tgt Ion:196 Resp: 380238
Ion Ratio Lower Upper
196 100
198 99.8 80.9 121.3
97 53.1 41.3 61.9
132 32.1 24.7 37.1





#45
2-Fluorobiphenyl
Concen: 75.703 ng
RT: 9.086 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

Instrument :

BNA_F

ClientSampleId :

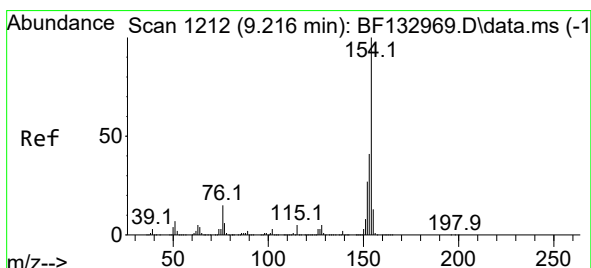
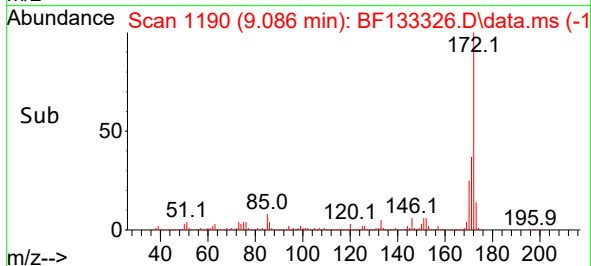
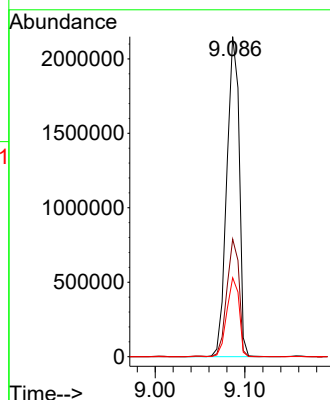
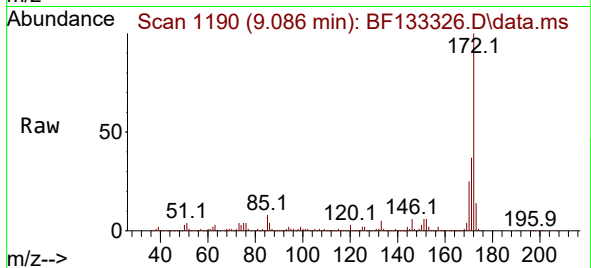
SSTDCCC040

Tgt Ion:172 Resp: 206634
Ion Ratio Lower Upper
172 100
171 36.7 28.8 43.2
170 24.7 19.4 29.2

Manual Integrations

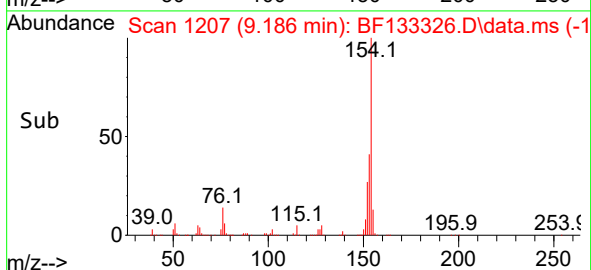
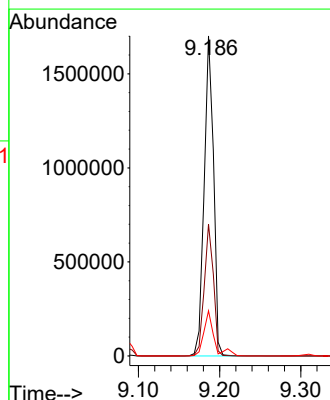
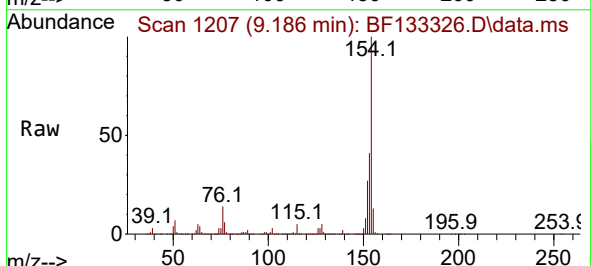
APPROVED

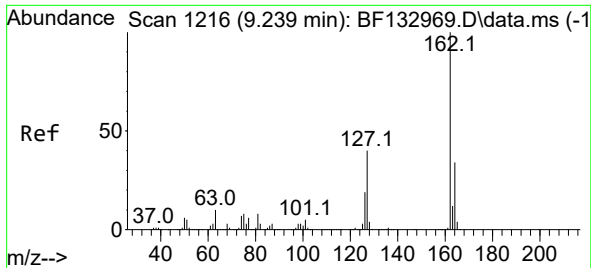
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#46
1,1'-Biphenyl
Concen: 37.570 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

Tgt Ion:154 Resp: 1360430
Ion Ratio Lower Upper
154 100
153 41.2 21.0 61.0
76 14.1 0.0 34.5





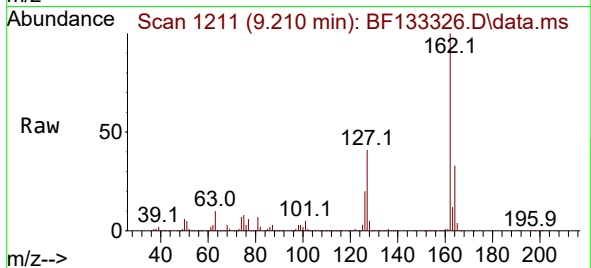
#47
2-Chloronaphthalene
Concen: 38.114 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

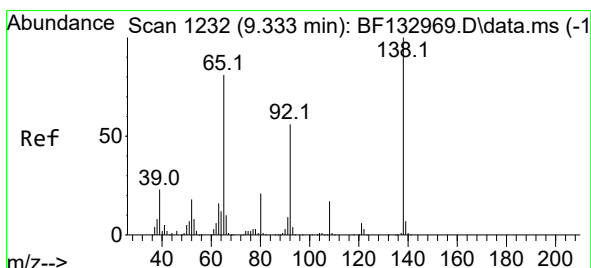
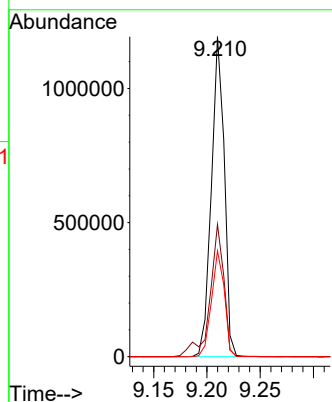
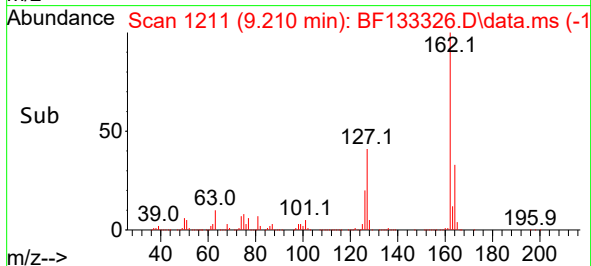


Tgt Ion:162 Resp: 101017
Ion Ratio Lower Upper
162 100
127 41.4 32.3 48.5
164 33.0 26.8 40.2

Manual Integrations

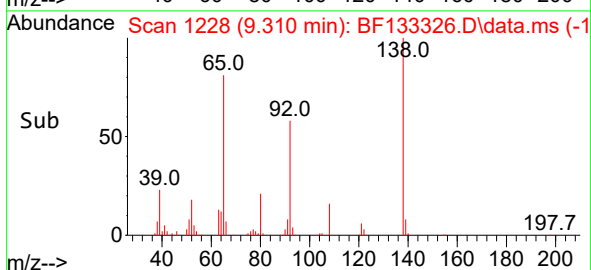
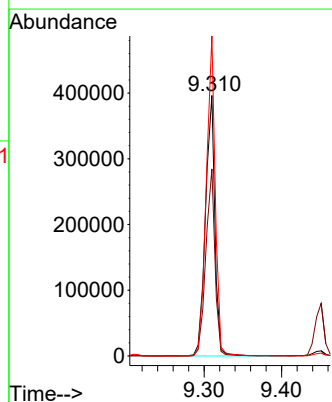
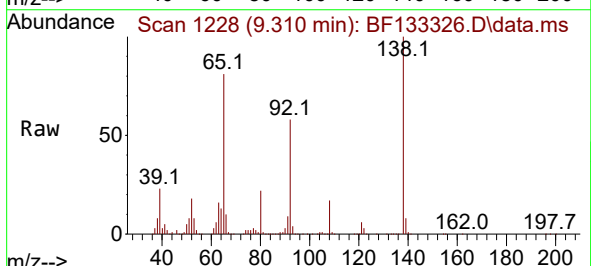
APPROVED

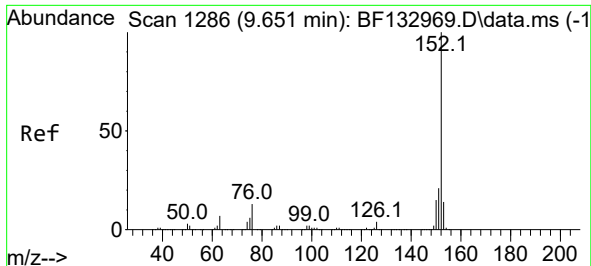
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#48
2-Nitroaniline
Concen: 38.272 ng
RT: 9.310 min Scan# 1228
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

Tgt Ion: 65 Resp: 335244
Ion Ratio Lower Upper
65 100
92 71.8 55.4 83.0
138 122.8 98.2 147.2





#49

Acenaphthylene

Concen: 37.679 ng

RT: 9.627 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133326.D

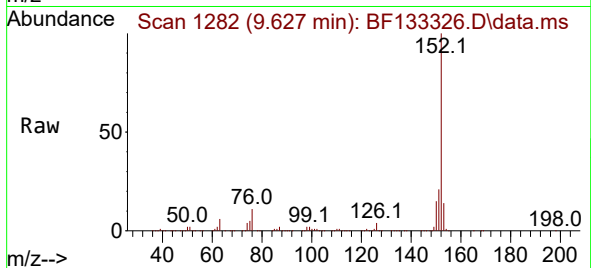
Acq: 10 May 2023 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:152 Resp: 1595674

Ion Ratio Lower Upper

152 100

151 20.8 16.6 24.8

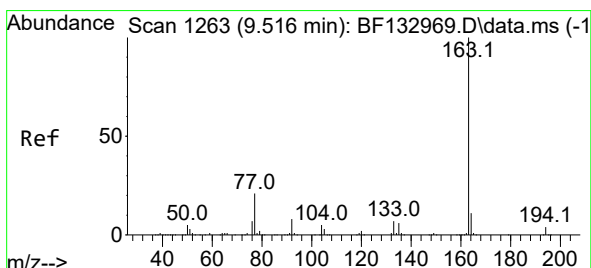
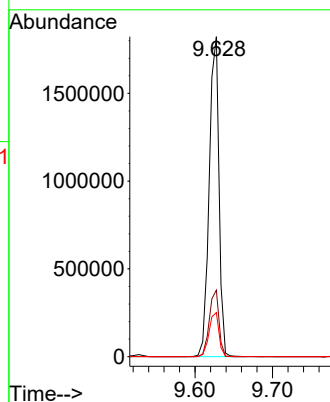
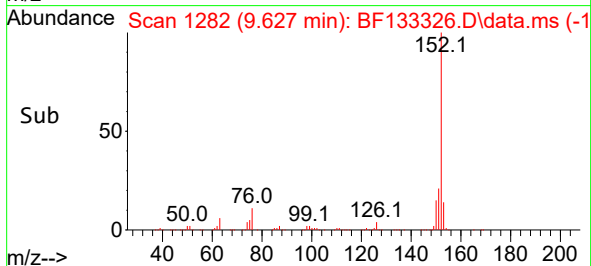
153 13.8 11.5 17.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/11/2023

Supervised By :Jagrut Upadhyay 05/11/2023



#50

Dimethylphthalate

Concen: 38.214 ng

RT: 9.492 min Scan# 1259

Delta R.T. 0.000 min

Lab File: BF133326.D

Acq: 10 May 2023 12:44

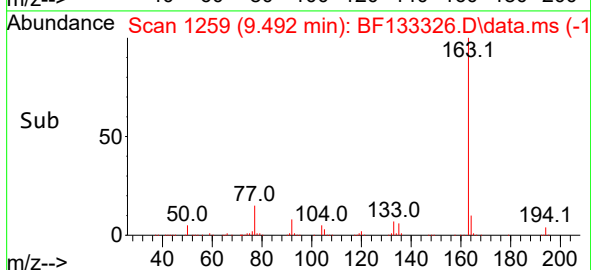
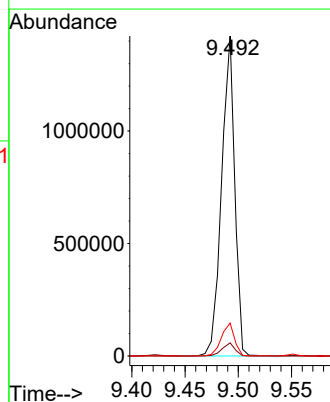
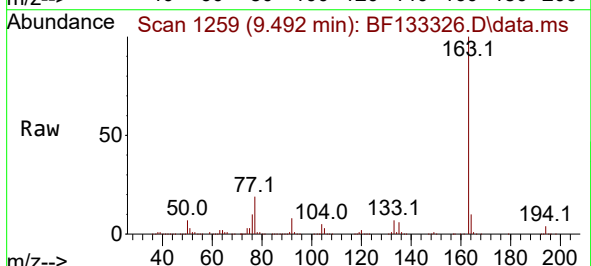
Tgt Ion:163 Resp: 1216809

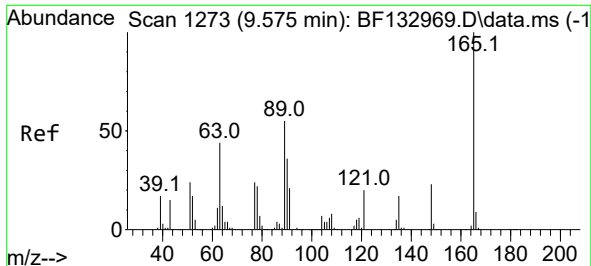
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.2 8.5 12.7





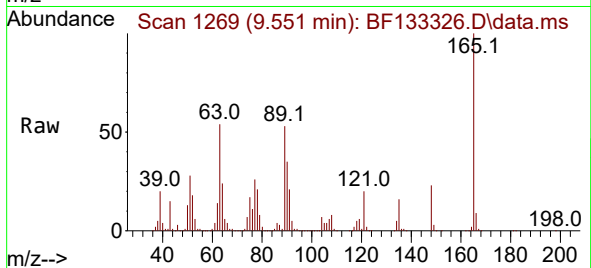
#51
2,6-Dinitrotoluene
Concen: 38.627 ng
RT: 9.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

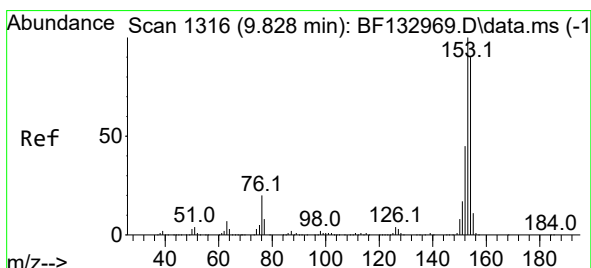
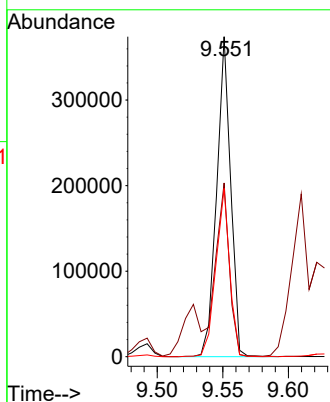
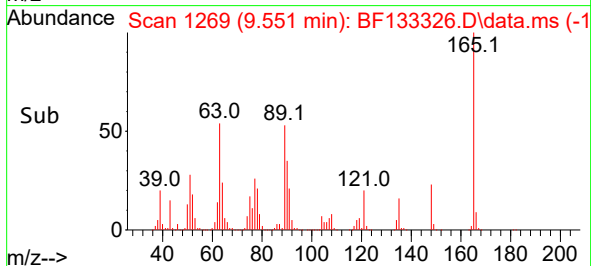


Tgt Ion:165 Resp: 27682
Ion Ratio Lower Upper
165 100
63 54.3 45.9 68.9
89 52.6 44.0 66.0

Manual Integrations

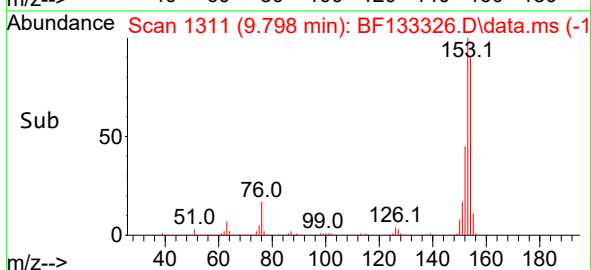
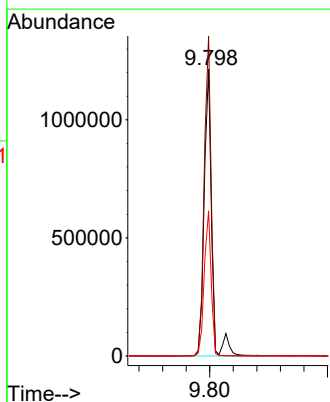
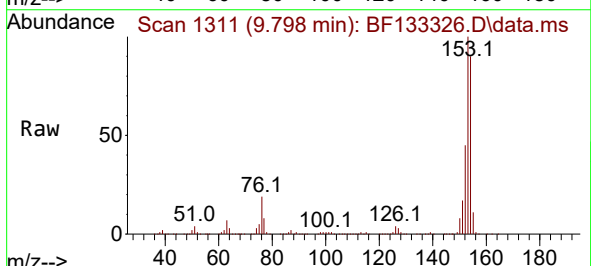
APPROVED

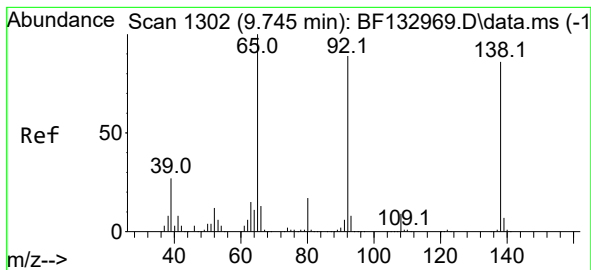
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#52
Acenaphthene
Concen: 37.677 ng m
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

Tgt Ion:154 Resp: 1068640
Ion Ratio Lower Upper
154 100
153 111.7 89.0 133.6
152 50.6 40.4 60.6





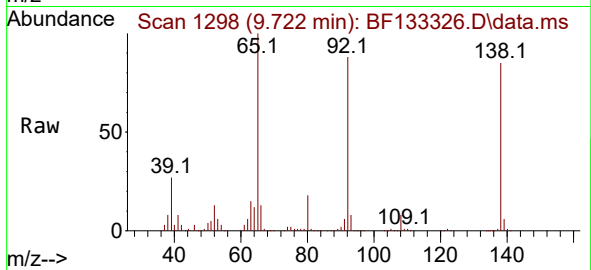
#53
3-Nitroaniline
Concen: 38.715 ng
RT: 9.722 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

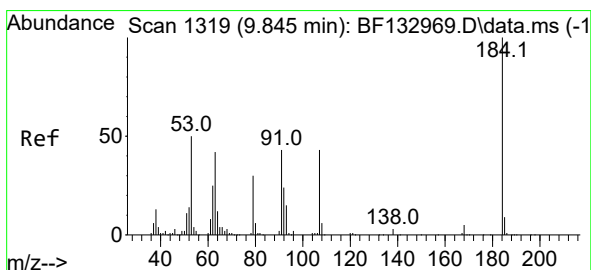
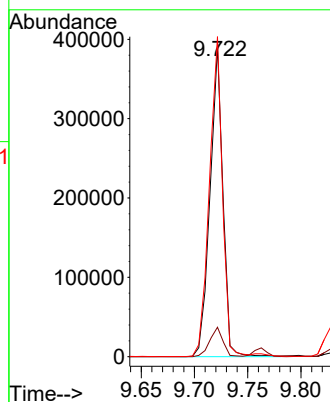
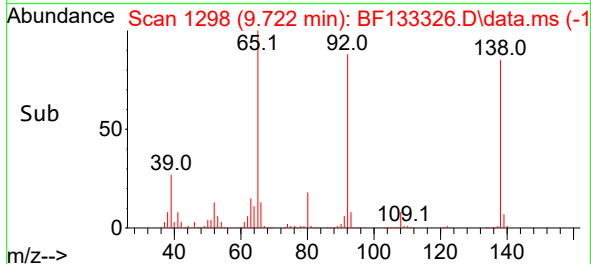


Tgt Ion:138 Resp: 32990
Ion Ratio Lower Upper
138 100
108 9.5 8.0 12.0
92 103.1 83.6 125.4

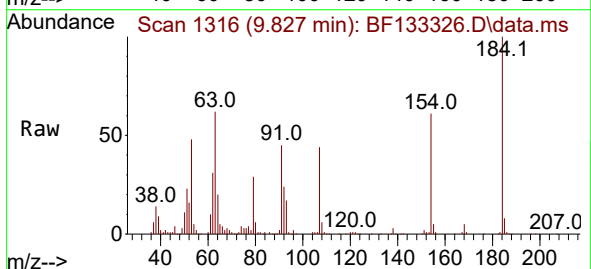
Manual Integrations

APPROVED

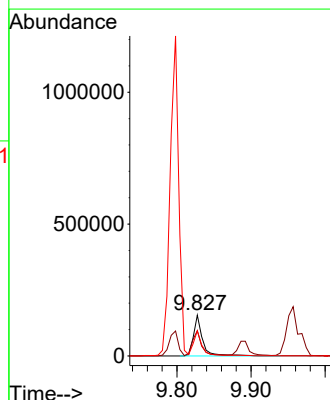
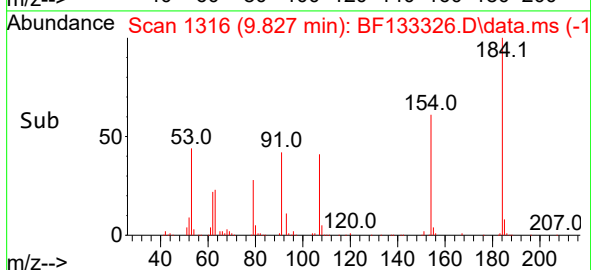
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023

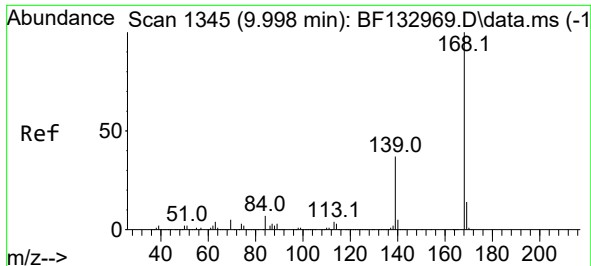


#54
2,4-Dinitrophenol
Concen: 36.834 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44



Tgt Ion:184 Resp: 132690
Ion Ratio Lower Upper
184 100
63 62.2 49.8 74.8
154 61.5 49.5 74.3





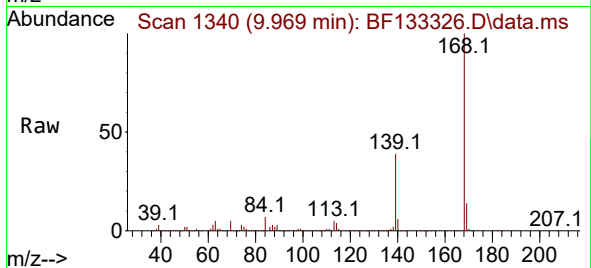
#55
Dibenzofuran
Concen: 36.961 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

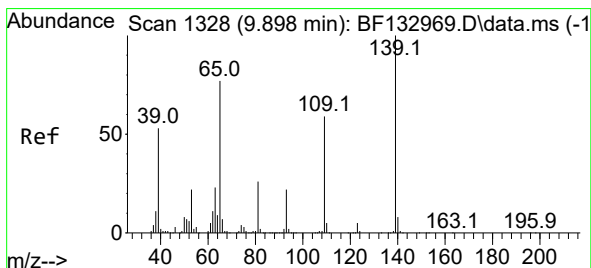
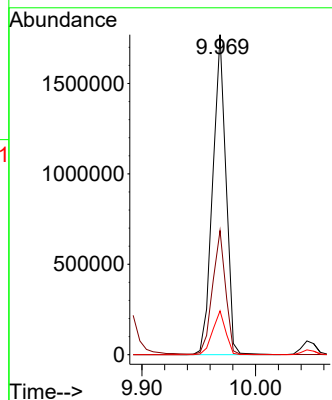
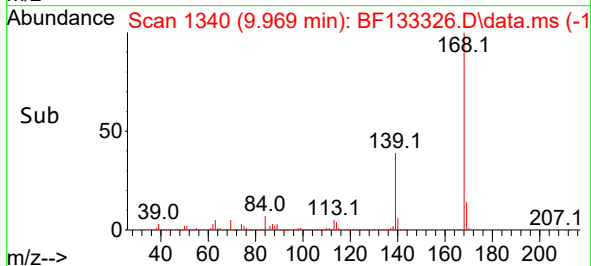


Tgt Ion:168 Resp: 143004
Ion Ratio Lower Upper
168 100
139 38.8 29.8 44.8
169 13.7 10.8 16.2

Manual Integrations

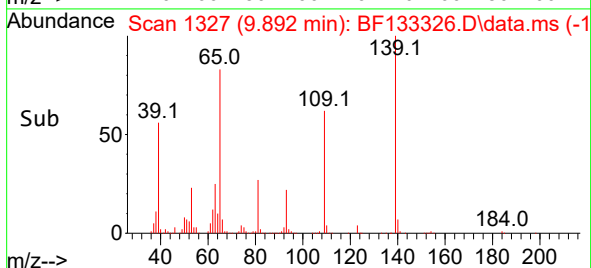
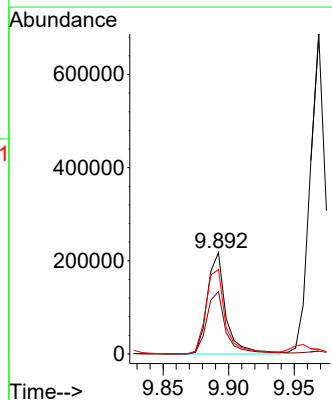
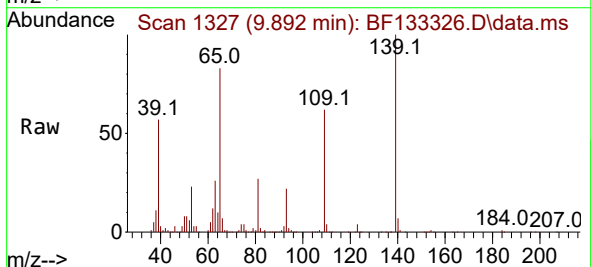
APPROVED

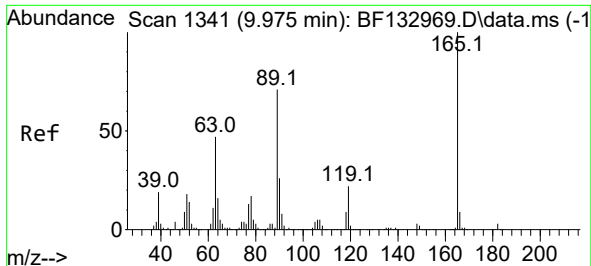
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#56
4-Nitrophenol
Concen: 32.388 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

Tgt Ion:139 Resp: 213761
Ion Ratio Lower Upper
139 100
109 61.5 39.4 79.4
65 83.3 57.5 97.5





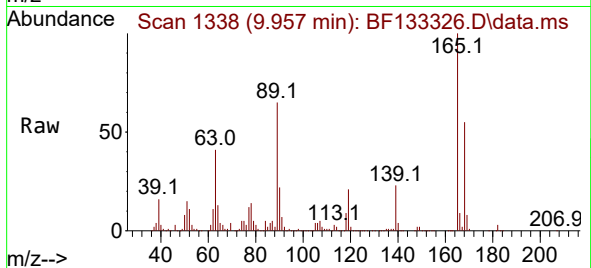
#57
2,4-Dinitrotoluene
Concen: 39.257 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

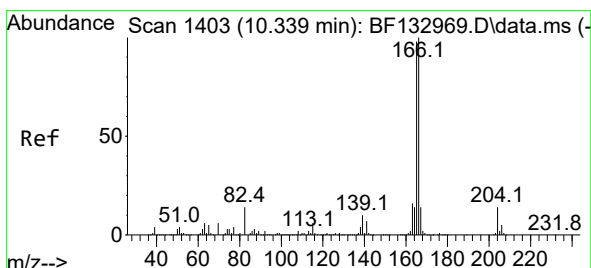
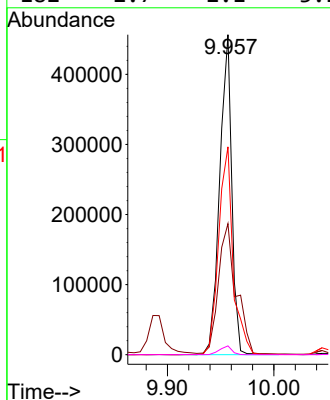
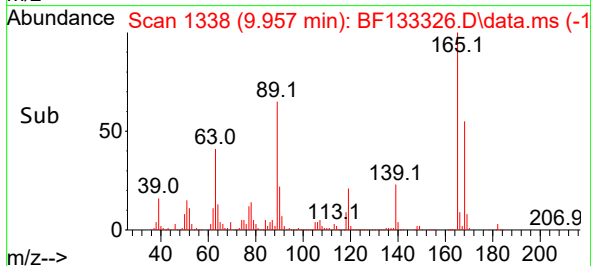


Tgt Ion:165 Resp: 35879
Ion Ratio Lower Upper
165 100
63 40.9 37.7 56.5
89 65.0 57.0 85.4
182 2.7 2.1 3.1

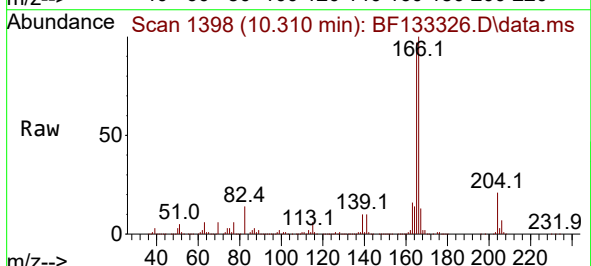
Manual Integrations

APPROVED

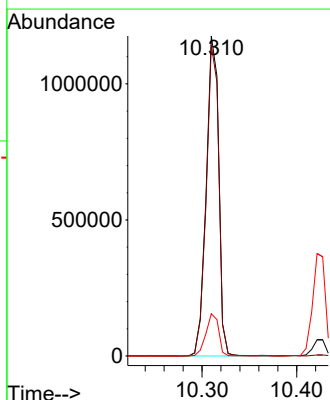
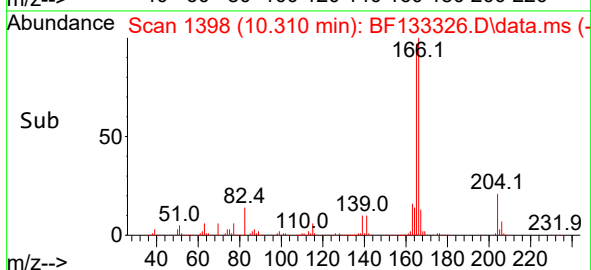
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023

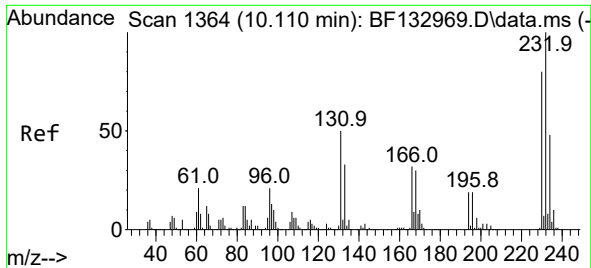


#58
Fluorene
Concen: 37.984 ng
RT: 10.310 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44



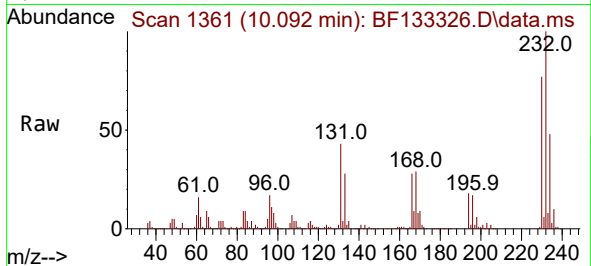
Tgt Ion:166 Resp: 1076707
Ion Ratio Lower Upper
166 100
165 97.3 78.6 117.8
167 13.2 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 37.064 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

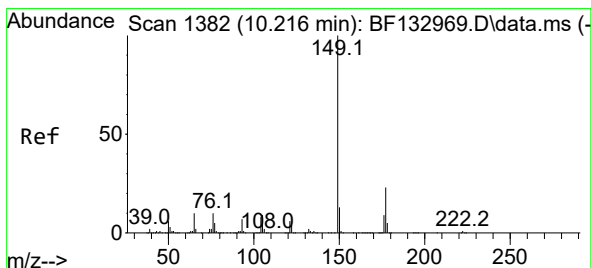
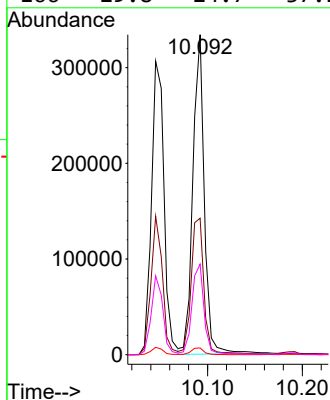
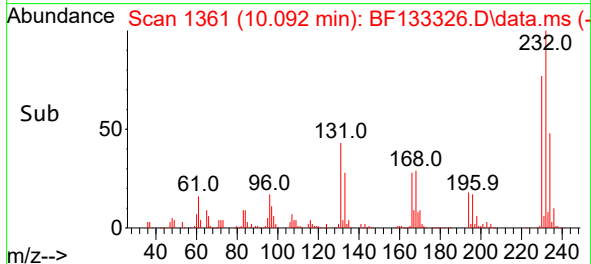
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



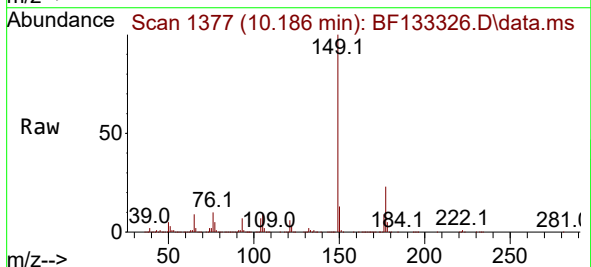
Tgt Ion:232 Resp: 282178
Ion Ratio Lower Upper
232 100
131 47.3 38.0 57.0
130 2.3 1.8 2.8
166 29.8 24.7 37.1

Manual Integrations
APPROVED

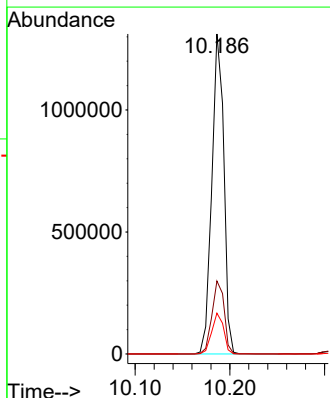
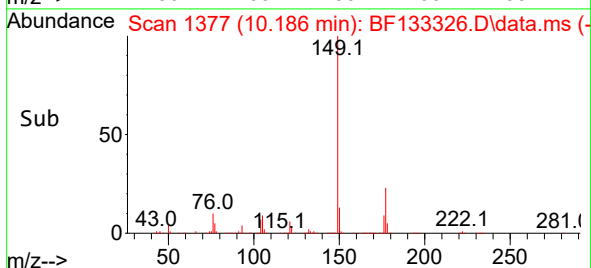
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023

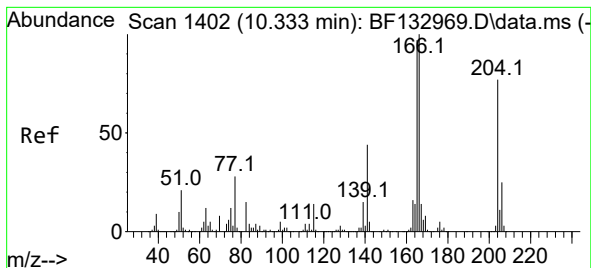


#60
Diethylphthalate
Concen: 38.206 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44



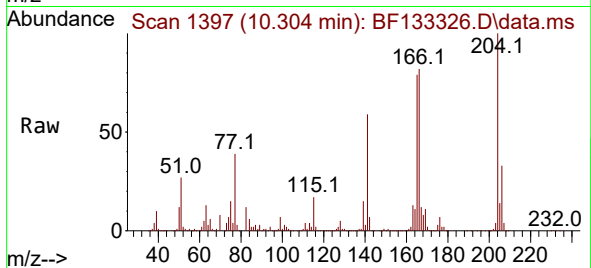
Tgt Ion:149 Resp: 1149098
Ion Ratio Lower Upper
149 100
177 22.8 18.2 27.4
150 12.8 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 37.928 ng
RT: 10.304 min Scan# 1397
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

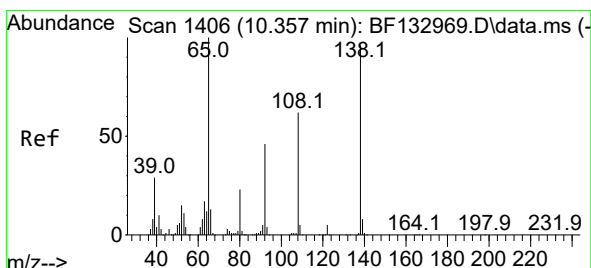
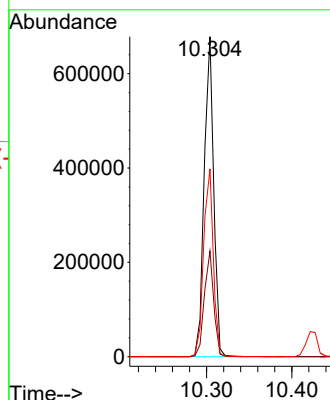
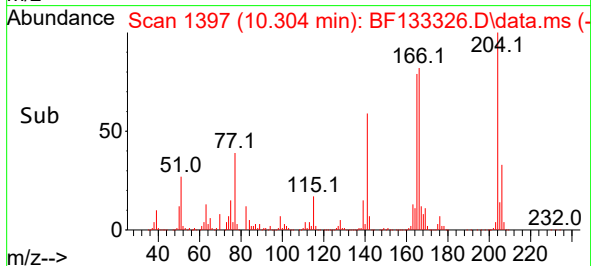
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



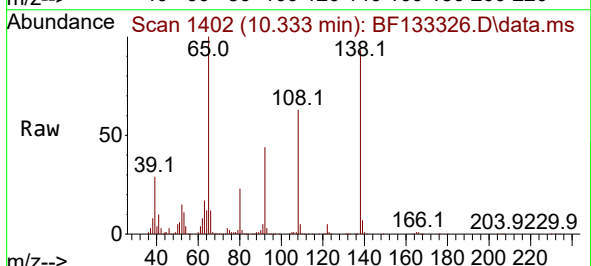
Tgt Ion:204 Resp: 52392
Ion Ratio Lower Upper
204 100
206 33.0 26.1 39.1
141 58.7 46.1 69.1

Manual Integrations
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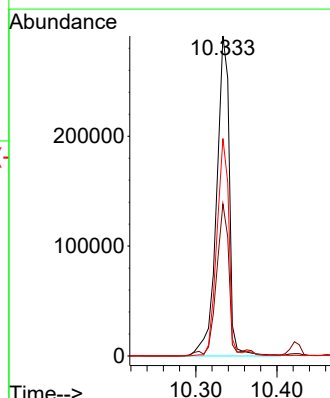
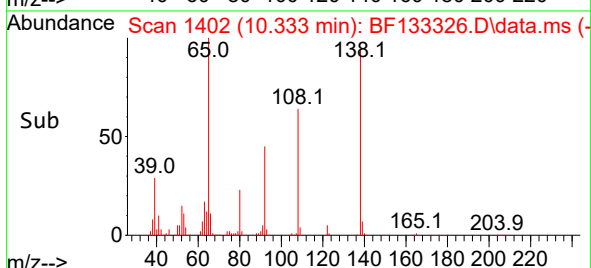
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023

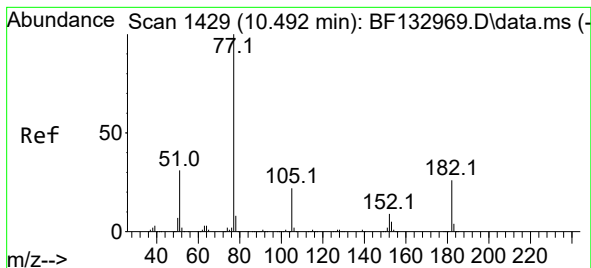


#62
4-Nitroaniline
Concen: 40.787 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44



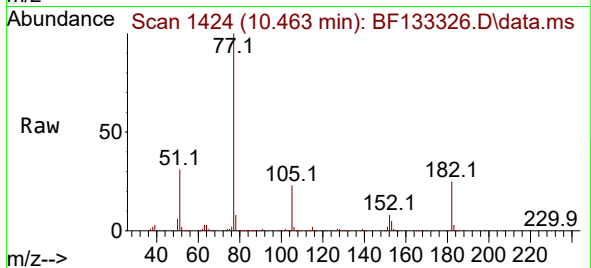
Tgt Ion:138 Resp: 319441
Ion Ratio Lower Upper
138 100
92 47.6 27.7 67.7
108 67.9 45.2 85.2





#63
Azobenzene
Concen: 36.220 ng
RT: 10.463 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

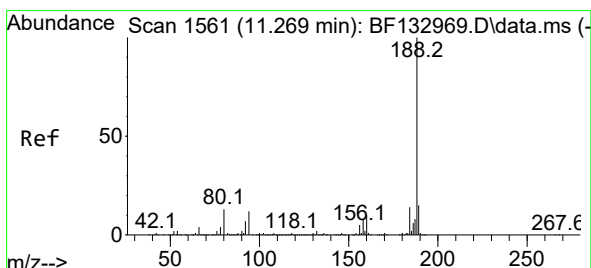
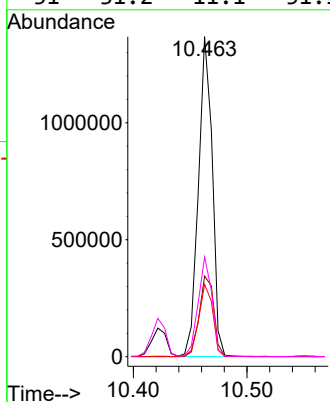
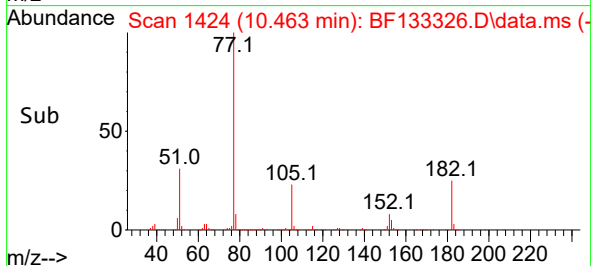
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 1154010
Ion Ratio Lower Upper
77 100
182 25.2 5.9 45.9
105 22.6 2.3 42.3
51 31.2 11.1 51.1

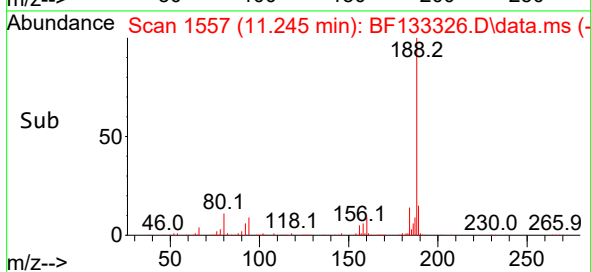
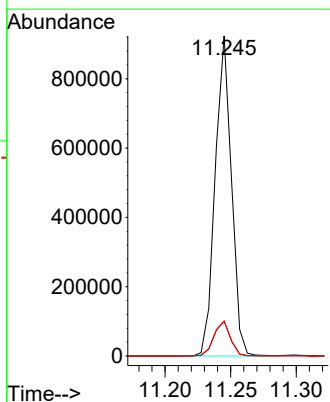
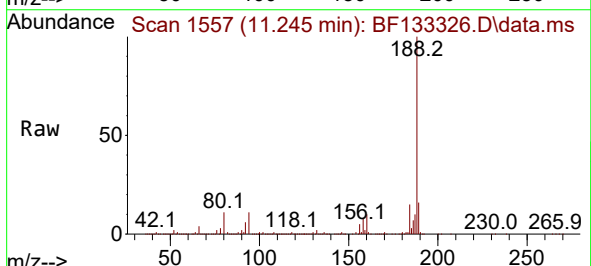
Manual Integrations
APPROVED

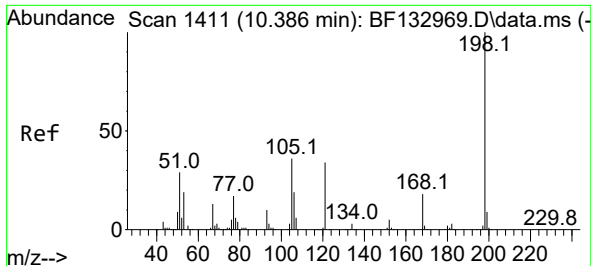
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

Tgt Ion:188 Resp: 795644
Ion Ratio Lower Upper
188 100
94 10.9 9.7 14.5
80 10.9 10.4 15.6





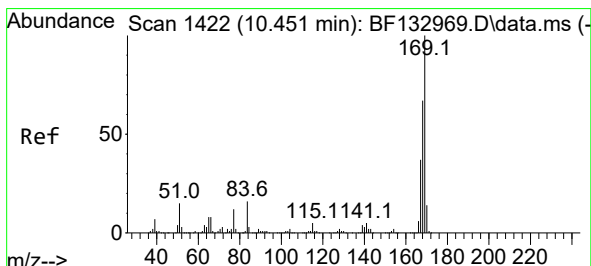
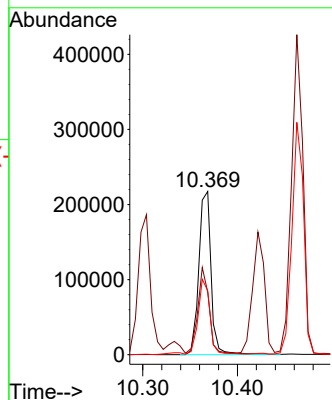
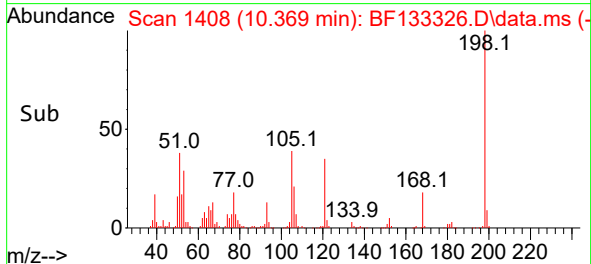
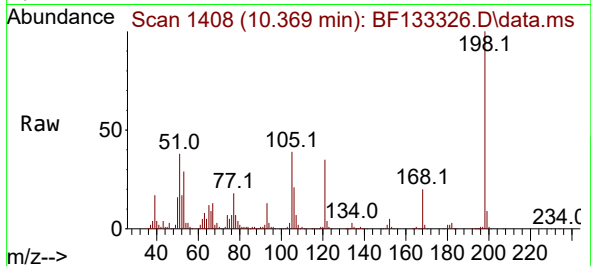
#65
4,6-Dinitro-2-methylphenol
Concen: 40.832 ng
RT: 10.369 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 196911
Ion Ratio Lower Upper
198 100
51 38.2 15.5 55.5
105 39.3 16.7 56.7

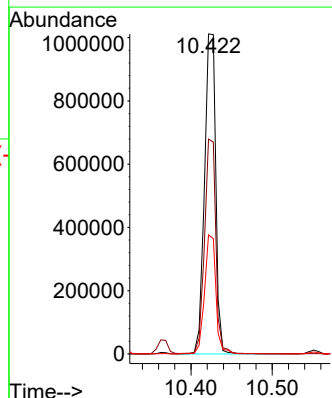
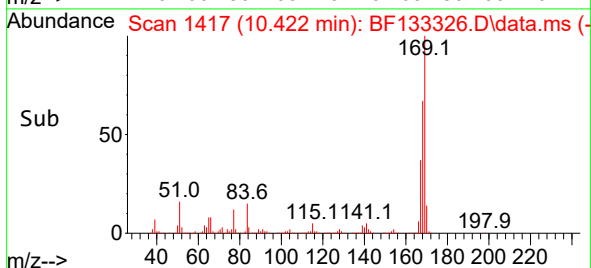
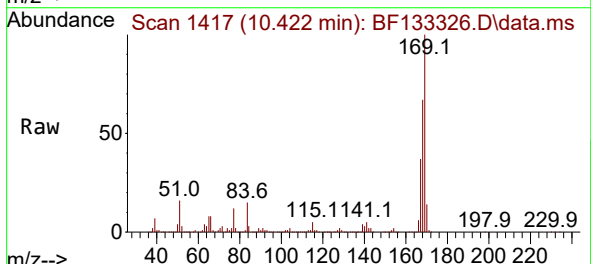
Manual Integrations
APPROVED

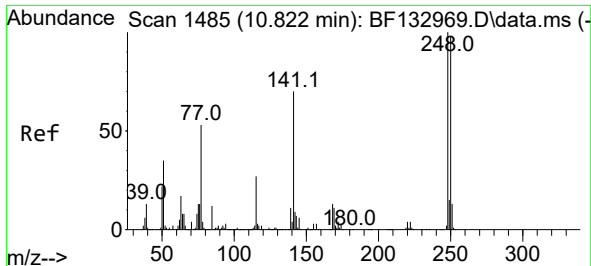
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#66
n-Nitrosodiphenylamine
Concen: 37.643 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

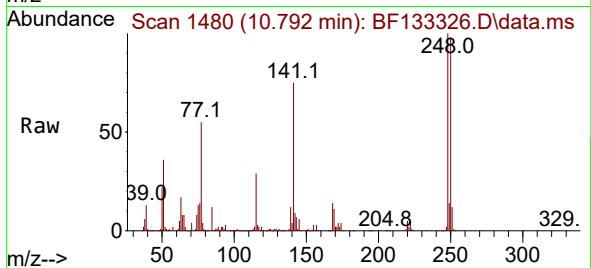
Tgt Ion:169 Resp: 971521
Ion Ratio Lower Upper
169 100
168 67.2 53.8 80.8
167 37.2 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 37.970 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

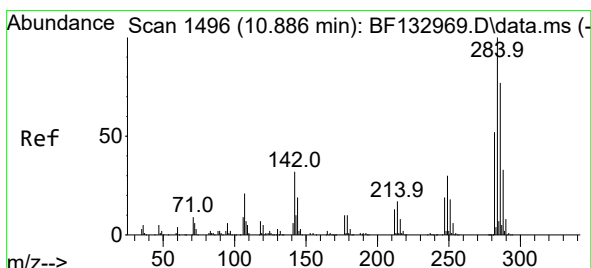
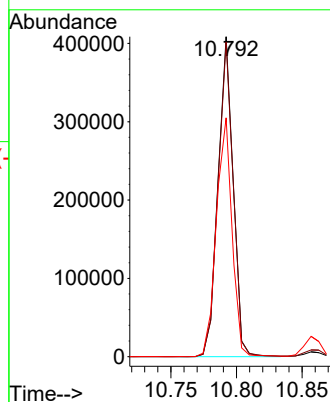
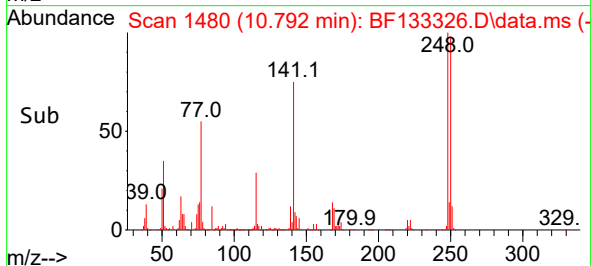
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:248 Resp: 327650
Ion Ratio Lower Upper
248 100
250 98.4 78.7 118.1
141 74.6 56.3 84.5

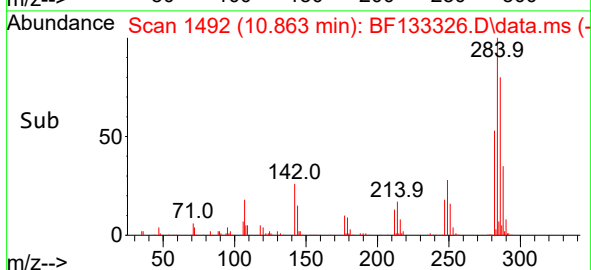
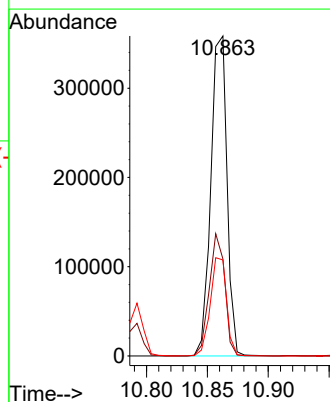
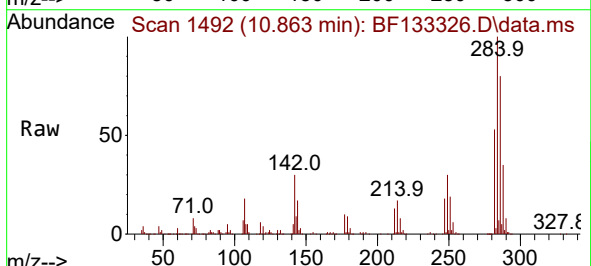
Manual Integrations
APPROVED

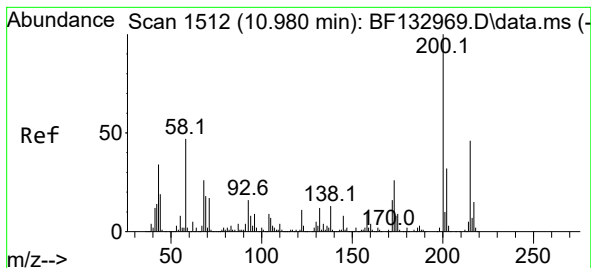
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#68
Hexachlorobenzene
Concen: 37.481 ng
RT: 10.863 min Scan# 1492
Delta R.T. 0.006 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

Tgt Ion:284 Resp: 331419
Ion Ratio Lower Upper
284 100
142 30.3 26.0 39.0
249 30.0 23.7 35.5





#69

Atrazine

Concen: 39.586 ng

RT: 10.951 min Scan# 1507

Delta R.T. 0.000 min

Lab File: BF133326.D

Acq: 10 May 2023 12:44

Instrument :

BNA_F

ClientSampleId :

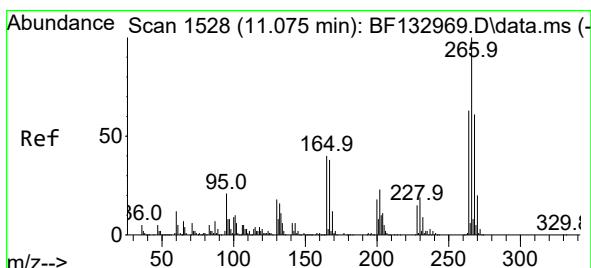
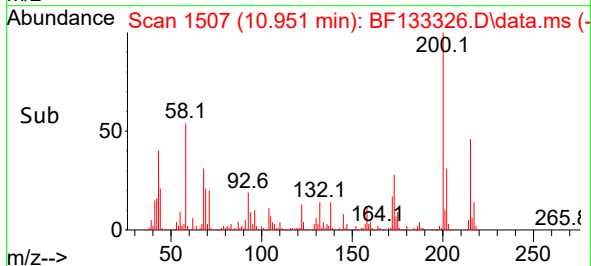
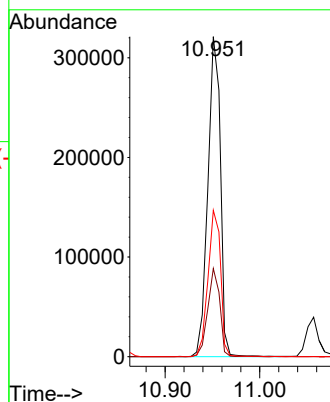
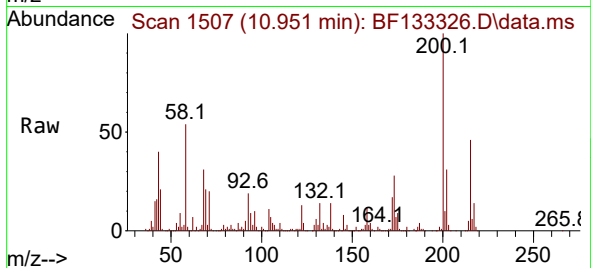
SSTDCCC040

Tgt Ion:	200	Resp:	29438
Ion Ratio	Lower	Upper	
200	100		
173	27.5	6.2	46.2
215	45.7	26.3	66.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#70

Pentachlorophenol

Concen: 32.314 ng

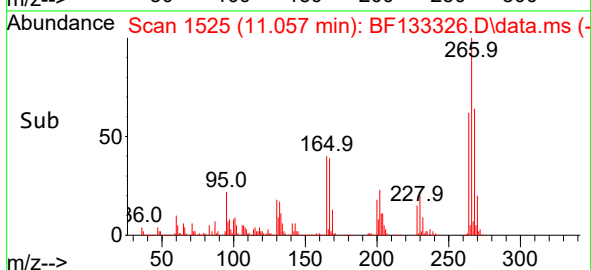
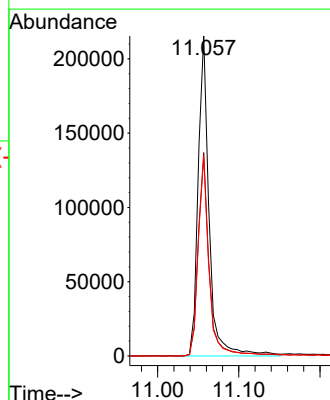
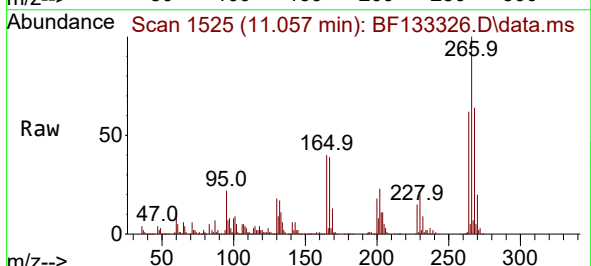
RT: 11.057 min Scan# 1525

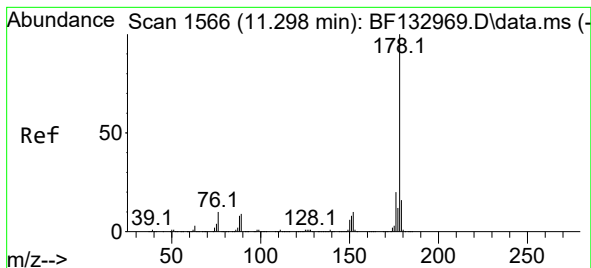
Delta R.T. 0.006 min

Lab File: BF133326.D

Acq: 10 May 2023 12:44

Tgt Ion:	266	Resp:	203496
Ion Ratio	Lower	Upper	
266	100		
268	63.5	48.8	73.2
264	62.4	50.6	76.0





#71

Phenanthrene

Concen: 36.932 ng

RT: 11.269 min Scan# 1561

Delta R.T. 0.000 min

Lab File: BF133326.D

Acq: 10 May 2023 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 1579335

Ion Ratio Lower Upper

178 100

176 20.5 15.9 23.9

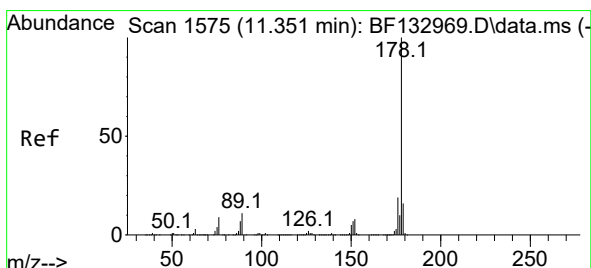
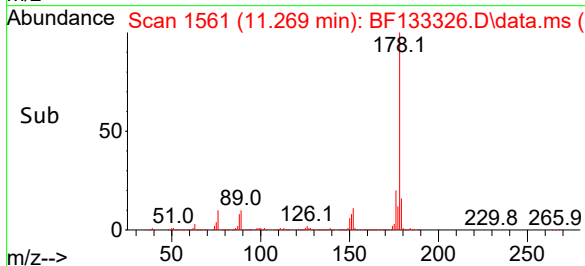
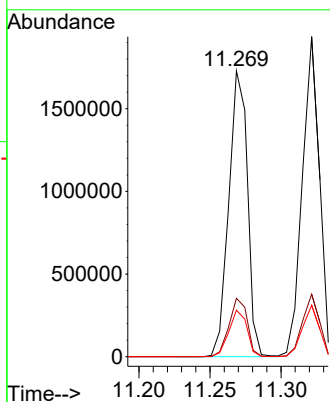
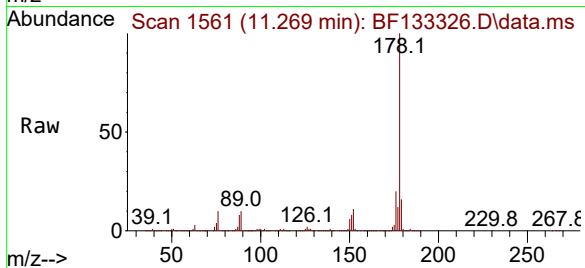
179 16.3 12.5 18.7

Manual Integrations

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Reviewed By :Christian Giraldo 05/11/2023

Supervised By :Jagrut Upadhyay 05/11/2023



#72

Anthracene

Concen: 37.220 ng

RT: 11.322 min Scan# 1570

Delta R.T. 0.000 min

Lab File: BF133326.D

Acq: 10 May 2023 12:44

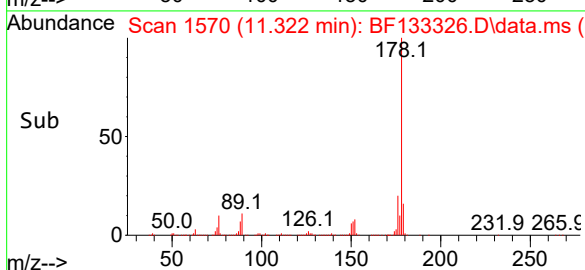
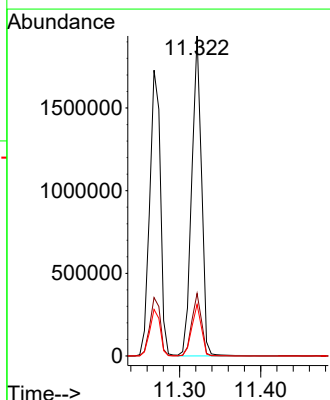
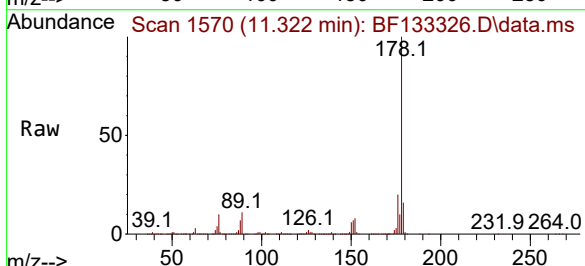
Tgt Ion:178 Resp: 1628875

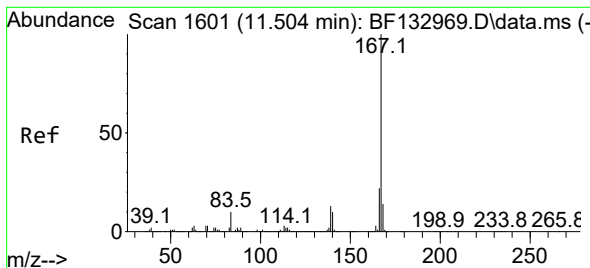
Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

179 16.1 12.4 18.6





#73

Carbazole

Concen: 37.132 ng

RT: 11.480 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF133326.D

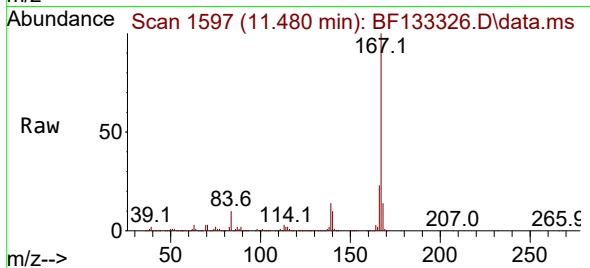
Acq: 10 May 2023 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:167 Resp: 1446984

Ion Ratio Lower Upper

167 100

166 22.9 17.4 26.0

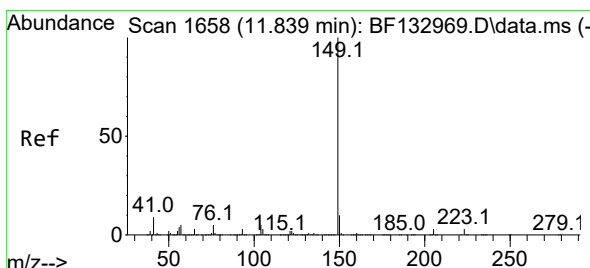
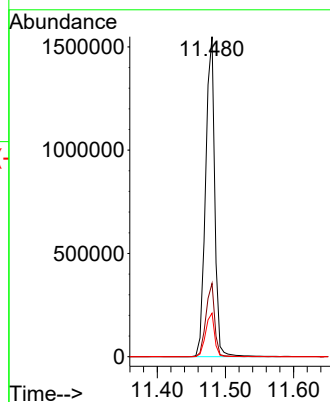
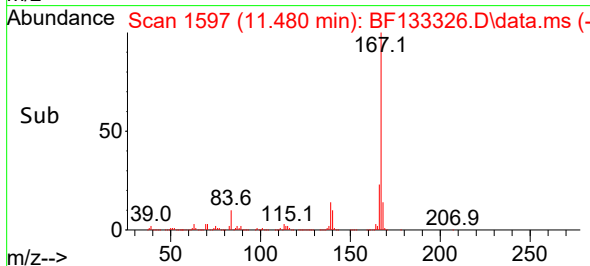
139 13.6 10.6 16.0

Manual Integrations

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Reviewed By :Christian Giraldo 05/11/2023

Supervised By :Jagrut Upadhyay 05/11/2023



#74

Di-n-butylphthalate

Concen: 40.375 ng

RT: 11.810 min Scan# 1653

Delta R.T. 0.000 min

Lab File: BF133326.D

Acq: 10 May 2023 12:44

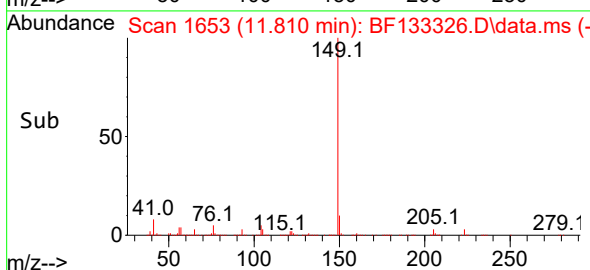
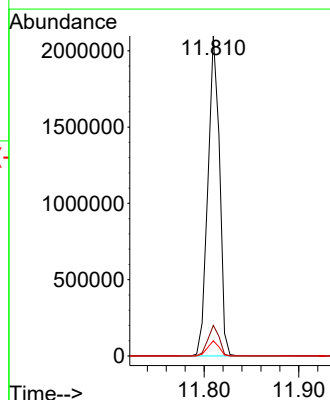
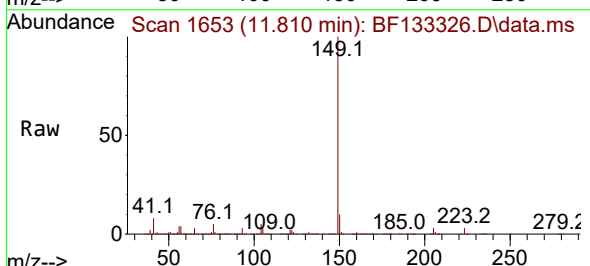
Tgt Ion:149 Resp: 1780496

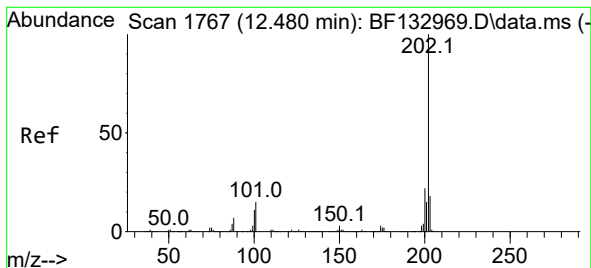
Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

104 4.7 4.0 6.0





#75

Fluoranthene

Concen: 37.369 ng

RT: 12.457 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133326.D

Acq: 10 May 2023 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:202 Resp: 1603794

Ion Ratio Lower Upper

202 100

101 13.4 0.0 35.3

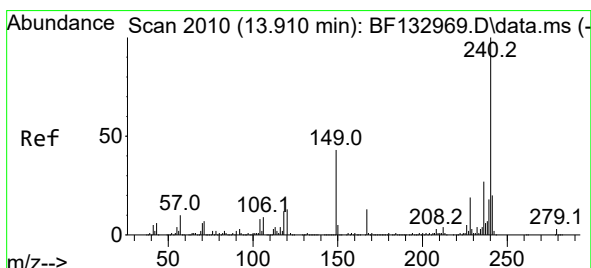
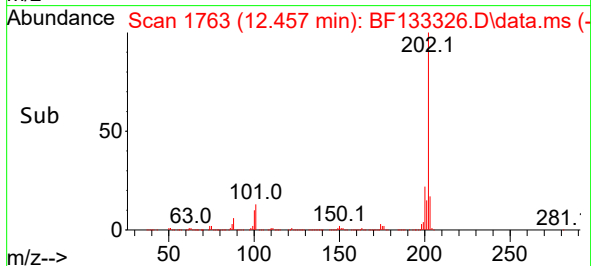
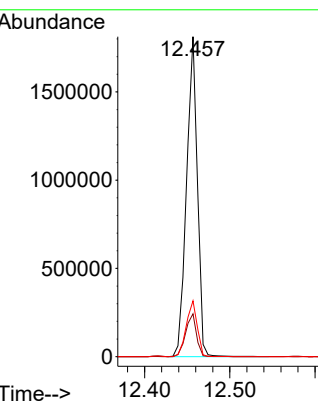
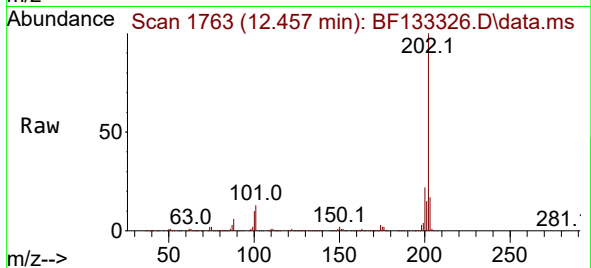
203 17.5 0.0 38.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/11/2023

Supervised By :Jagrut Upadhyay 05/11/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.886 min Scan# 2006

Delta R.T. 0.006 min

Lab File: BF133326.D

Acq: 10 May 2023 12:44

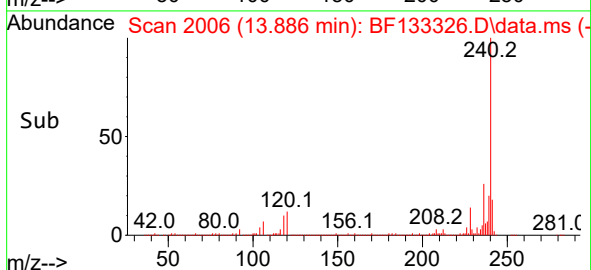
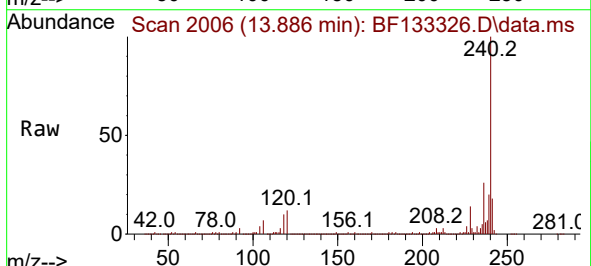
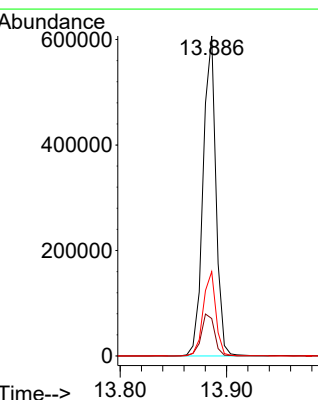
Tgt Ion:240 Resp: 506160

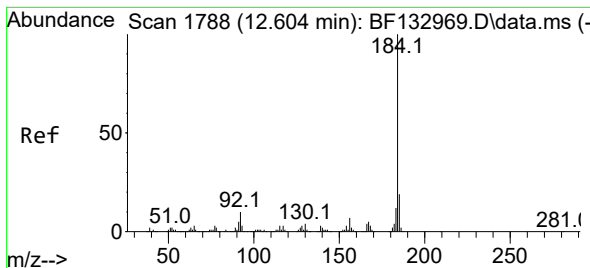
Ion Ratio Lower Upper

240 100

120 11.7 10.5 15.7

236 26.4 21.5 32.3





#77

Benzidine

Concen: 43.990 ng m

RT: 12.580 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133326.D

Acq: 10 May 2023 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:184 Resp: 376530

Ion Ratio Lower Upper

184 100

185 14.2 15.4 23.2

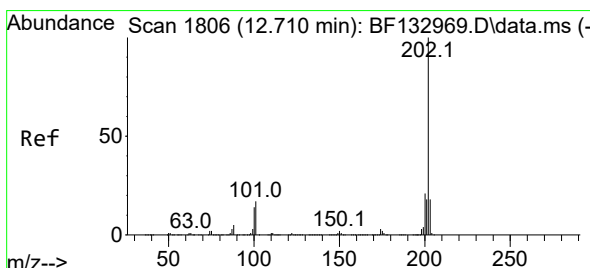
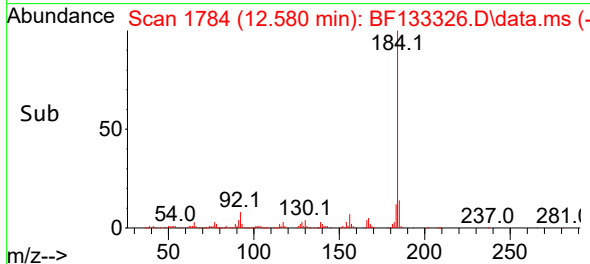
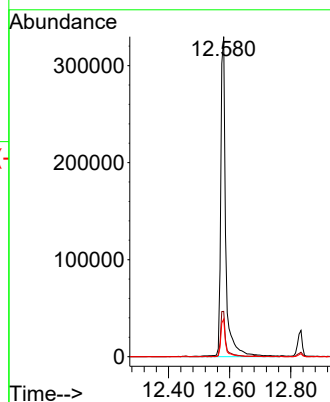
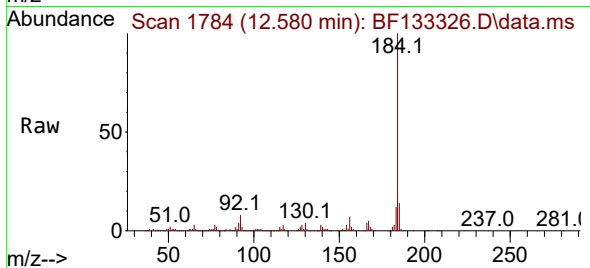
183 11.8 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/11/2023

Supervised By :Jagrut Upadhyay 05/11/2023



#78

Pyrene

Concen: 37.306 ng

RT: 12.686 min Scan# 1802

Delta R.T. 0.006 min

Lab File: BF133326.D

Acq: 10 May 2023 12:44

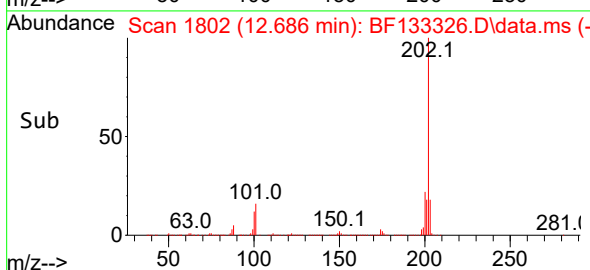
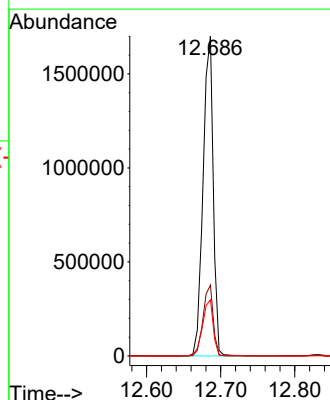
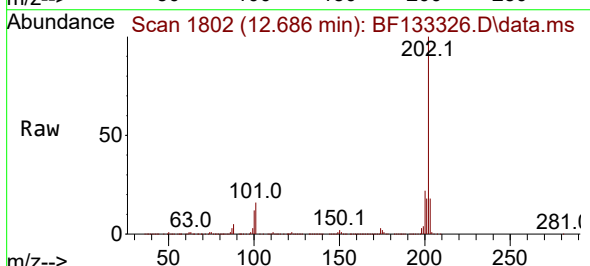
Tgt Ion:202 Resp: 1618708

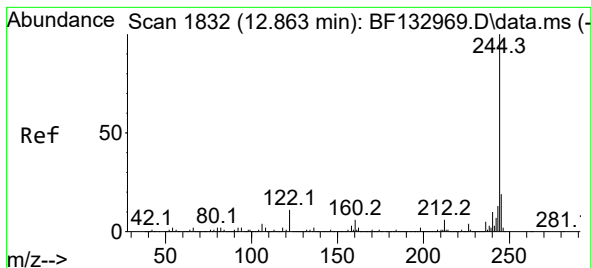
Ion Ratio Lower Upper

202 100

200 22.1 17.1 25.7

203 17.5 14.1 21.1





#79

Terphenyl-d14

Concen: 72.466 ng

RT: 12.833 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133326.D

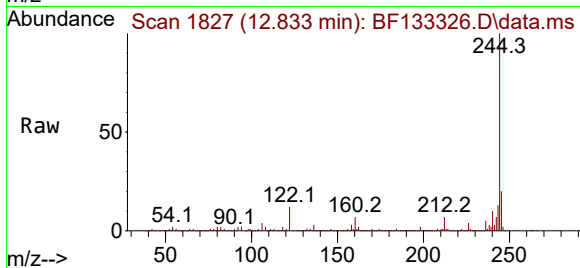
Acq: 10 May 2023 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:244 Resp: 212675

Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

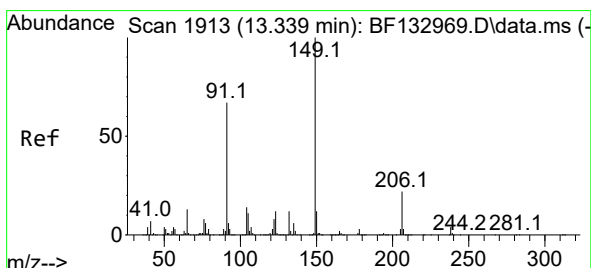
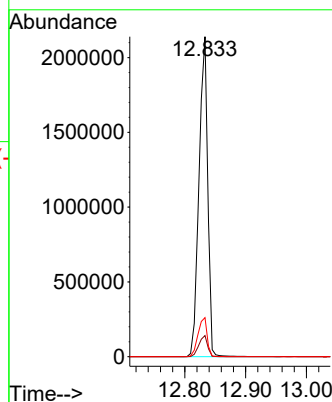
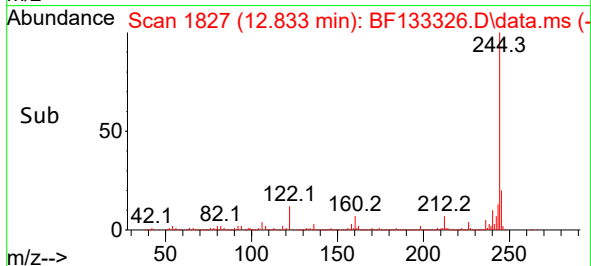
122 12.2 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/11/2023

Supervised By :Jagrut Upadhyay 05/11/2023



#80

Butylbenzylphthalate

Concen: 47.220 ng

RT: 13.304 min Scan# 1907

Delta R.T. 0.000 min

Lab File: BF133326.D

Acq: 10 May 2023 12:44

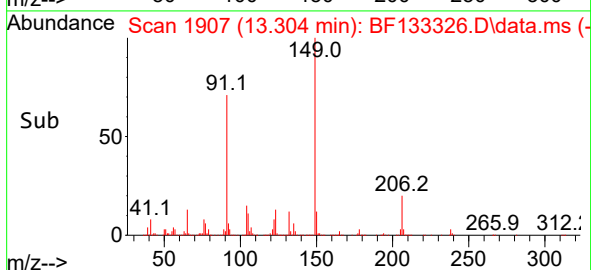
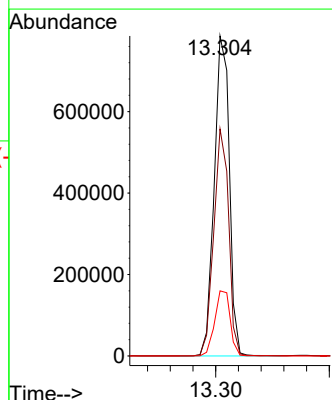
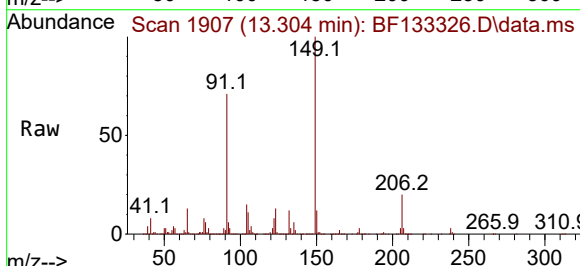
Tgt Ion:149 Resp: 725445

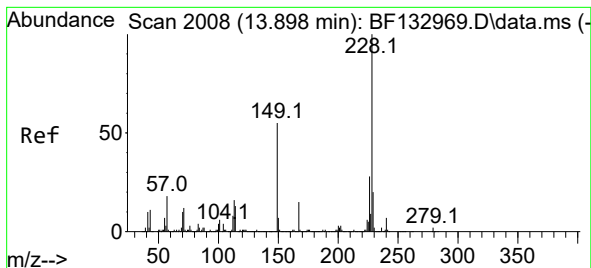
Ion Ratio Lower Upper

149 100

91 70.9 53.8 80.6

206 20.4 17.5 26.3





#81

Benzo(a)anthracene

Concen: 35.082 ng

RT: 13.874 min Scan# 2008

Delta R.T. 0.006 min

Lab File: BF133326.D

Acq: 10 May 2023 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 122108

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.4

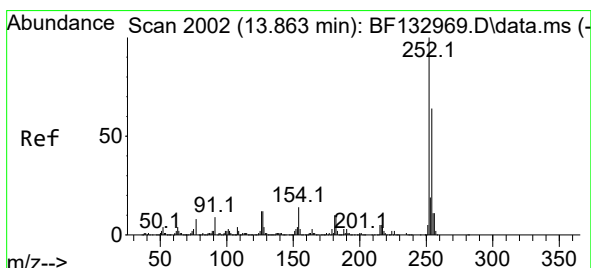
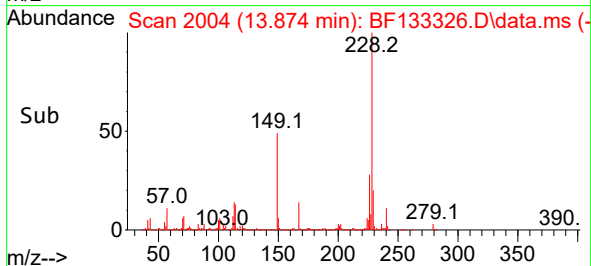
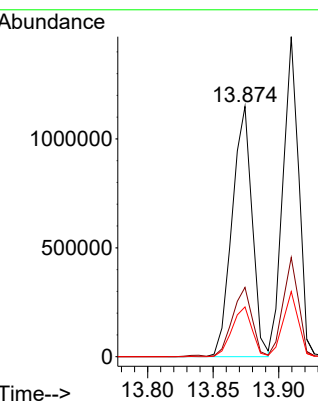
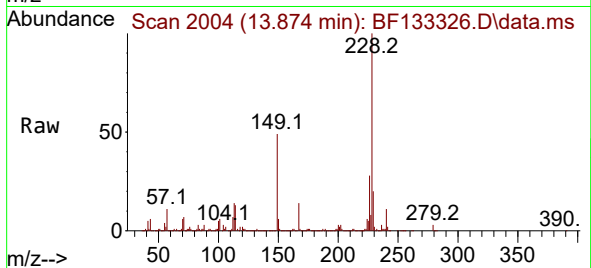
229 19.9 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/11/2023

Supervised By :Jagrut Upadhyay 05/11/2023



#82

3,3'-Dichlorobenzidine

Concen: 39.497 ng

RT: 13.839 min Scan# 1998

Delta R.T. 0.006 min

Lab File: BF133326.D

Acq: 10 May 2023 12:44

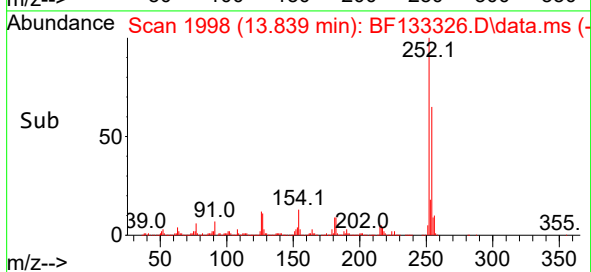
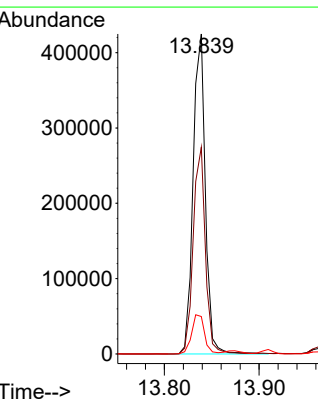
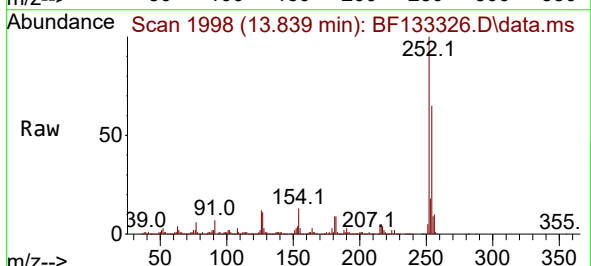
Tgt Ion:252 Resp: 379780

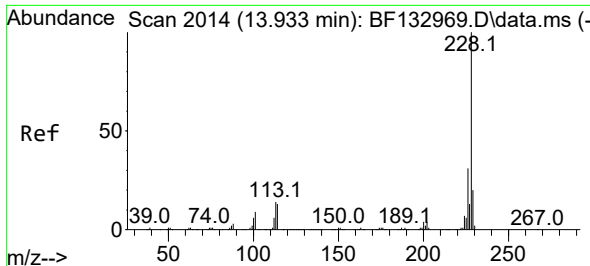
Ion Ratio Lower Upper

252 100

254 64.6 51.5 77.3

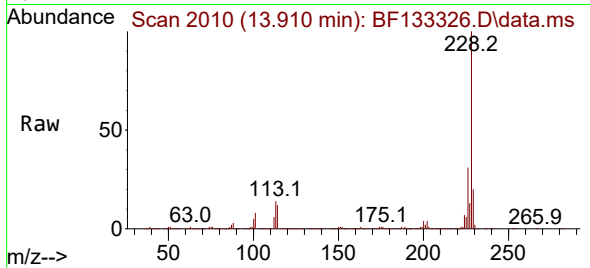
126 11.7 9.5 14.3





#83
Chrysene
Concen: 35.420 ng
RT: 13.910 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

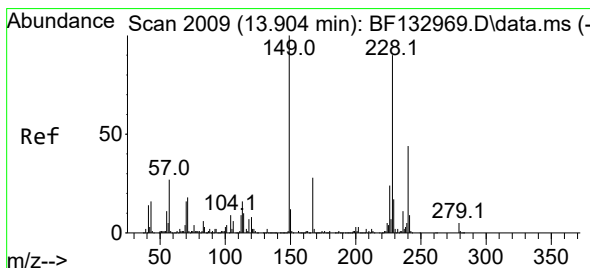
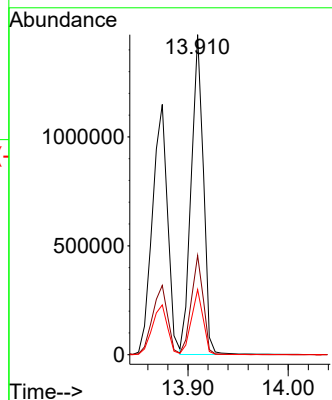
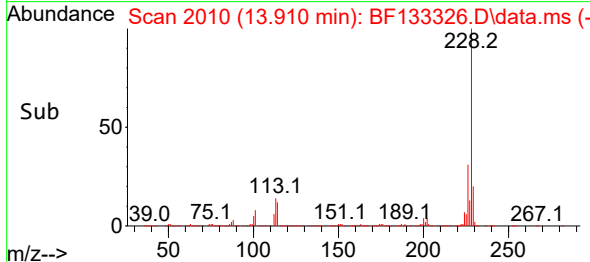
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 1232550
Ion Ratio Lower Upper
228 100
226 31.0 24.7 37.1
229 20.4 16.1 24.1

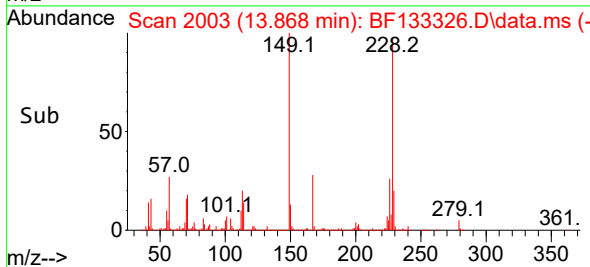
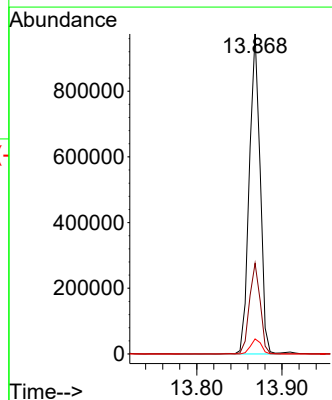
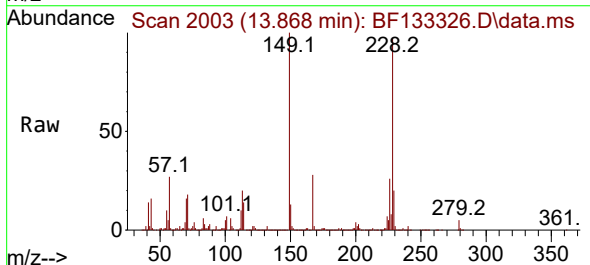
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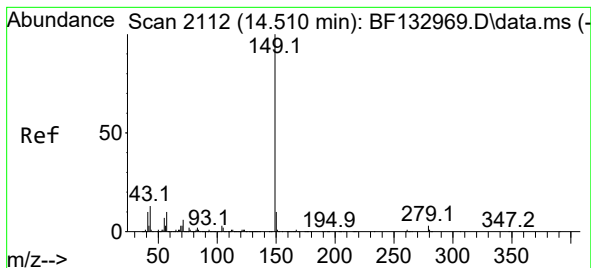
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.414 ng
RT: 13.868 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

Tgt Ion:149 Resp: 856454
Ion Ratio Lower Upper
149 100
167 28.3 22.5 33.7
279 4.7 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 43.721 ng

RT: 14.480 min Scan# 2112

Delta R.T. 0.000 min

Lab File: BF133326.D

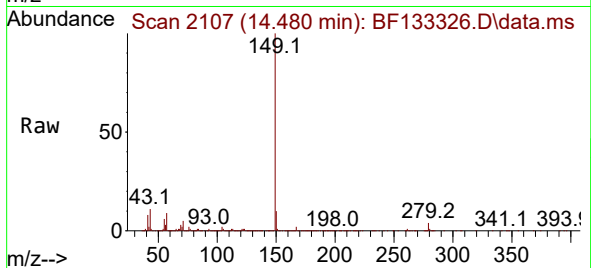
Acq: 10 May 2023 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:149 Resp: 1374699

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

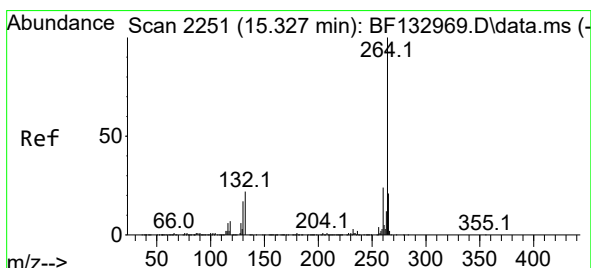
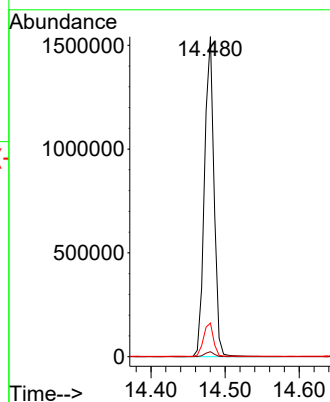
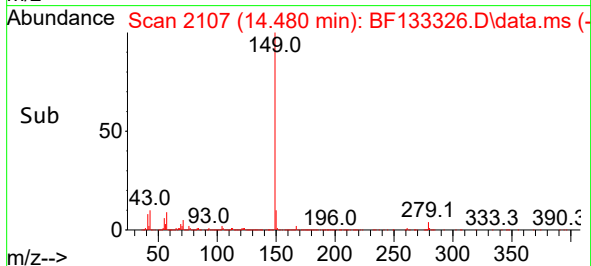
43 10.8 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/11/2023

Supervised By :Jagrut Upadhyay 05/11/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 2246

Delta R.T. 0.006 min

Lab File: BF133326.D

Acq: 10 May 2023 12:44

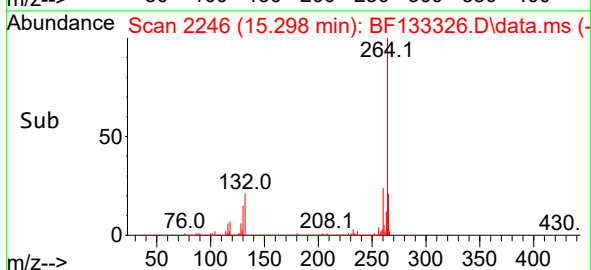
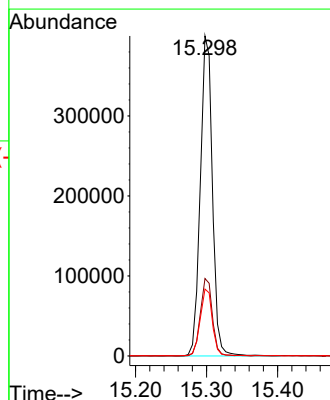
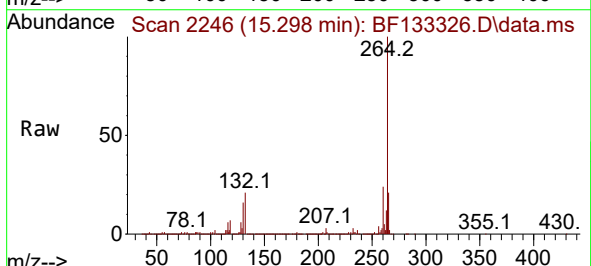
Tgt Ion:264 Resp: 475365

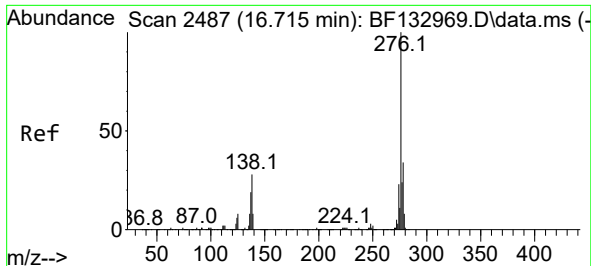
Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

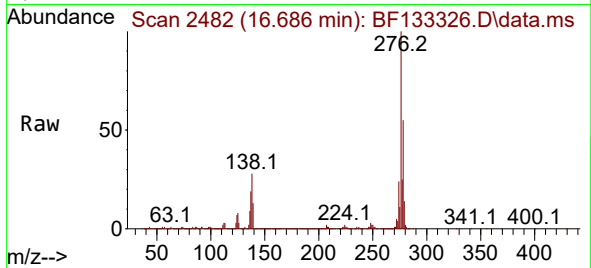
265 20.9 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 38.186 ng
RT: 16.686 min Scan# 2487
Delta R.T. 0.012 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

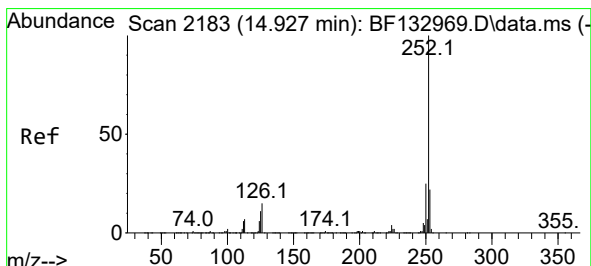
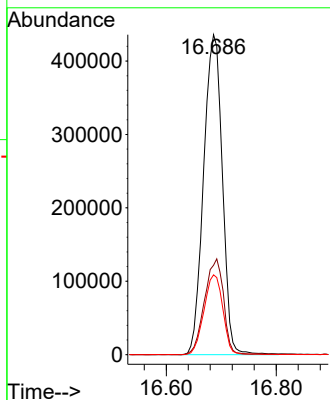
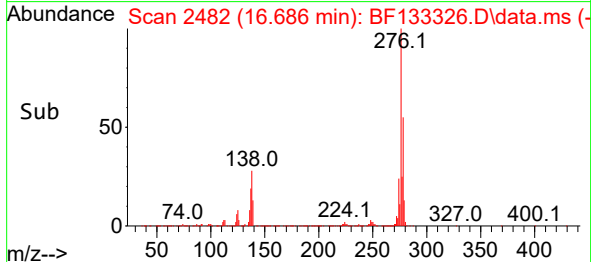
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



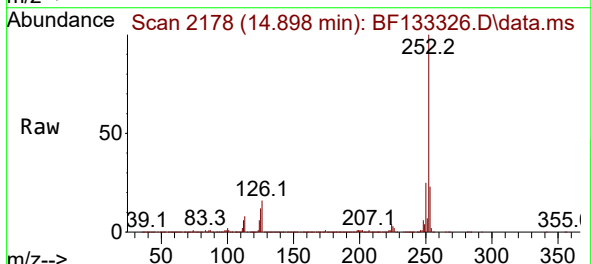
Tgt Ion: 276 Resp: 103254
Ion Ratio Lower Upper
276 100
138 30.2 25.5 38.3
277 25.2 20.4 30.6

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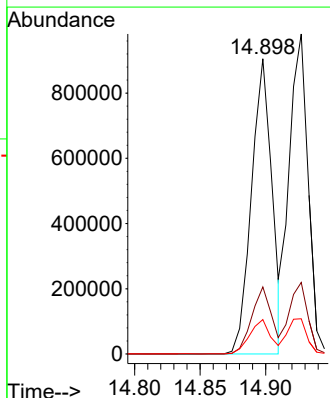
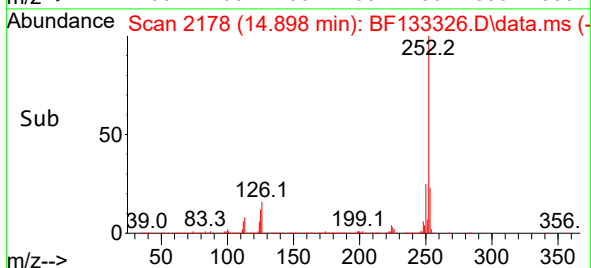
Reviewed By : Christian Giraldo 05/11/2023
Supervised By : Jagrut Upadhyay 05/11/2023

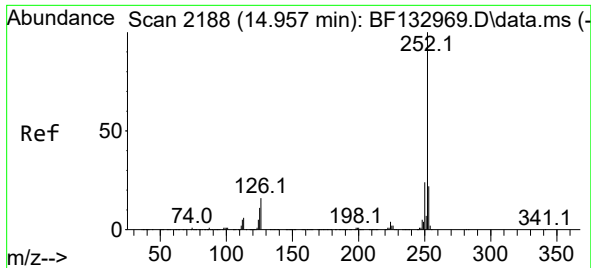


#88
Benzo(b)fluoranthene
Concen: 32.513 ng
RT: 14.898 min Scan# 2178
Delta R.T. 0.006 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44



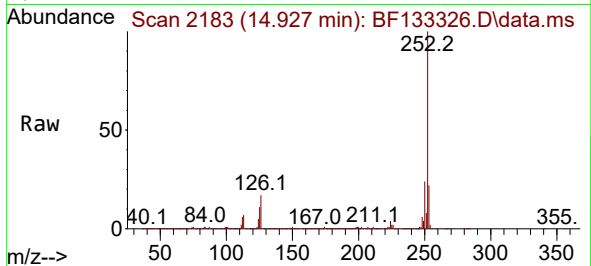
Tgt Ion: 252 Resp: 983257
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 11.7 8.9 13.3





#89
Benzo(k)fluoranthene
Concen: 33.082 ng
RT: 14.927 min Scan# 2188
Delta R.T. 0.006 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

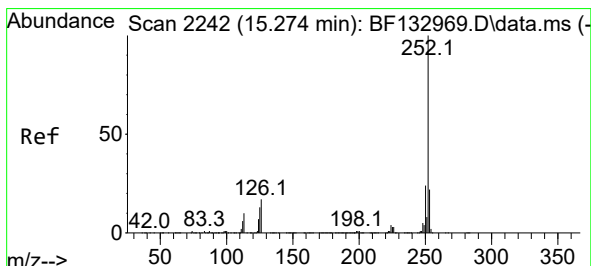
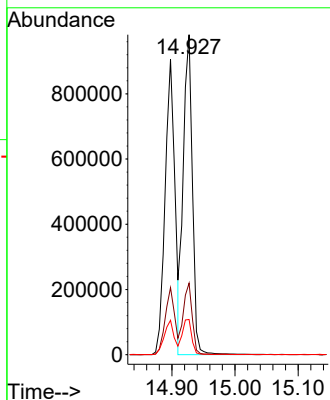
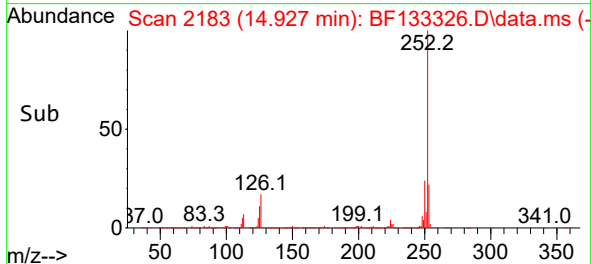
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:252 Resp: 99176
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 11.0 9.0 13.4

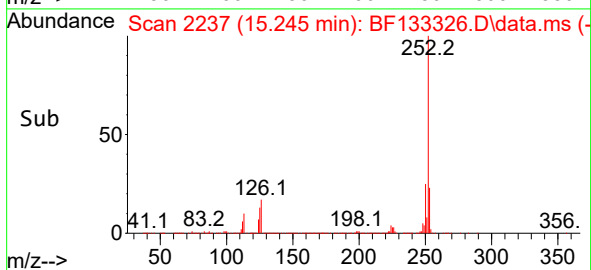
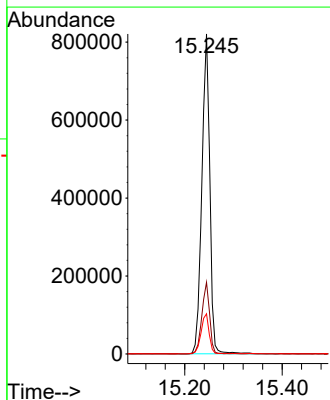
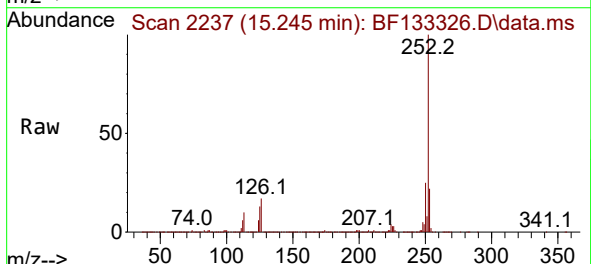
Manual Integrations
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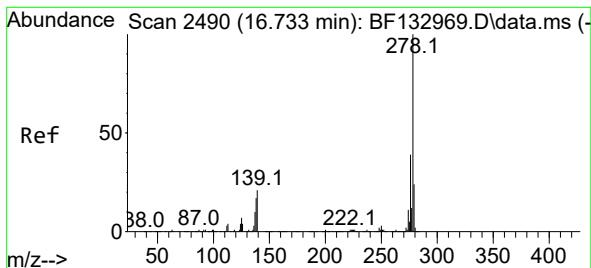
Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023



#90
Benzo(a)pyrene
Concen: 33.773 ng
RT: 15.245 min Scan# 2237
Delta R.T. 0.006 min
Lab File: BF133326.D
Acq: 10 May 2023 12:44

Tgt Ion:252 Resp: 929644
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 12.6 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 38.286 ng

RT: 16.698 min Scan# 2490

Delta R.T. 0.006 min

Lab File: BF133326.D

Acq: 10 May 2023 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 863440

Ion Ratio Lower Upper

278 100

139 19.6 16.6 24.8

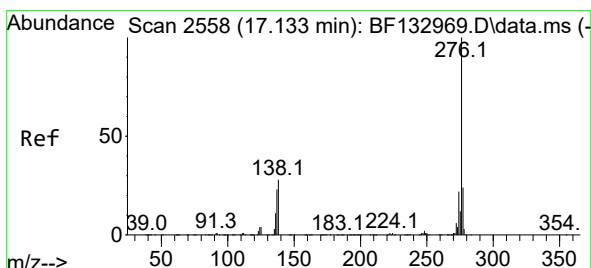
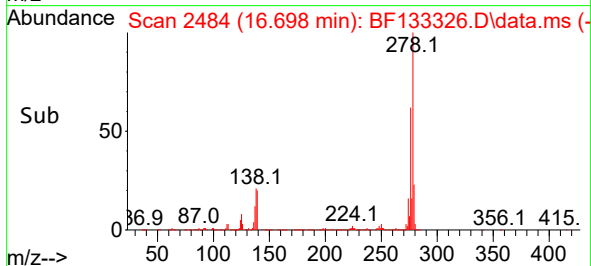
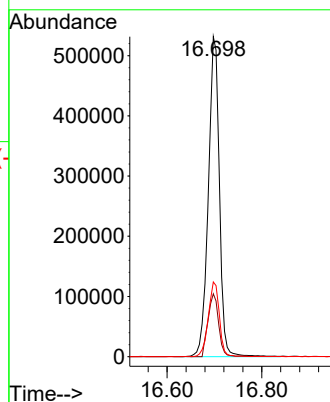
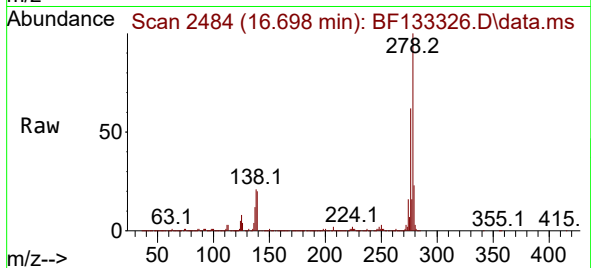
279 23.3 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/11/2023

Supervised By :Jagrut Upadhyay 05/11/2023



#92

Benzo(g,h,i)perylene

Concen: 39.154 ng

RT: 17.103 min Scan# 2553

Delta R.T. 0.018 min

Lab File: BF133326.D

Acq: 10 May 2023 12:44

Tgt Ion:276 Resp: 871766

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.0

138 26.3 22.7 34.1

