

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050823\
 Data File : BF133295.D
 Acq On : 08 May 2023 15:21
 Operator : CG\JU
 Sample : 02655-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/09/2023
 Supervised By : Jagrut Upadhyay 05/09/2023

Quant Time: May 09 05:05:20 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	211504	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	865968	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	445456	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	759099	20.000	ng	# 0.00
76) Chrysene-d12	13.880	240	390034	20.000	ng	0.00
86) Perylene-d12	15.292	264	398959	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1194976	85.348	ng	0.02
7) Phenol-d6	6.369	99	1462168	84.137	ng	0.00
23) Nitrobenzene-d5	7.292	82	890799	55.525	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	347547	77.579	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1525831	57.306	ng	0.00
79) Terphenyl-d14	12.827	244	1621056	71.680	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.469	88	274833	42.319	ng	99
3) Pyridine	3.157	79	694514	40.265	ng	98
4) n-Nitrosodimethylamine	3.122	42	390536	43.712	ng	98
6) Aniline	6.387	93	639116	28.554	ng	# 28
8) 2-Chlorophenol	6.510	128	662501	46.603	ng	96
9) Benzaldehyde	6.269	77	471218	89.557	ng	99
10) Phenol	6.387	94	794021	41.416	ng	77
11) bis(2-Chloroethyl)ether	6.463	93	634227	44.085	ng	96
12) 1,3-Dichlorobenzene	6.663	146	699482	46.280	ng	99
13) 1,4-Dichlorobenzene	6.739	146	702795	46.397	ng	99
14) 1,2-Dichlorobenzene	6.892	146	672194	48.134	ng	96
15) Benzyl Alcohol	6.875	79	558330	46.510	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	1018788	40.772	ng	92
17) 2-Methylphenol	6.992	107	547983	42.097	ng	97
18) Hexachloroethane	7.234	117	253808	48.195	ng	93
19) n-Nitroso-di-n-propyla...	7.145	70	426508	39.422	ng	96
20) 3+4-Methylphenols	7.145	107	643651	41.987	ng	# 77
22) Acetophenone	7.134	105	888715	44.303	ng	# 94
24) Nitrobenzene	7.310	77	670661	41.253	ng	100
25) Isophorone	7.551	82	1268578	41.646	ng	99
26) 2-Nitrophenol	7.628	139	373117	47.584	ng	95
27) 2,4-Dimethylphenol	7.675	122	596650	44.375	ng	98
28) bis(2-Chloroethoxy)met...	7.763	93	774303	42.969	ng	99
29) 2,4-Dichlorophenol	7.875	162	548209	44.788	ng	98
30) 1,2,4-Trichlorobenzene	7.951	180	567442	44.748	ng	100
31) Naphthalene	8.033	128	1847373	42.669	ng	99
32) Benzoic acid	7.745	122	45271m	5.451	ng	
33) 4-Chloroaniline	8.081	127	267766	15.307	ng	99
34) Hexachlorobutadiene	8.151	225	311121	44.267	ng	99
35) Caprolactam	8.451	113	184936m	44.976	ng	
36) 4-Chloro-3-methylphenol	8.575	107	583730	44.224	ng	99
37) 2-Methylnaphthalene	8.722	142	1213526	40.997	ng	98
38) 1-Methylnaphthalene	8.822	142	1147134	41.427	ng	100
40) 1,2,4,5-Tetrachloroben...	8.892	216	499206	41.680	ng	99
41) Hexachlorocyclopentadiene	8.875	237	595986	85.323	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	353454	42.672	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	383469	40.030	ng	99
46) 1,1'-Biphenyl	9.186	154	1481744	41.949	ng	99
47) 2-Chloronaphthalene	9.210	162	1129604	43.692	ng	99
48) 2-Nitroaniline	9.310	65	373248	43.682	ng	99
49) Acenaphthylene	9.622	152	1747113	42.292	ng	100
50) Dimethylphthalate	9.492	163	1319975	42.496	ng	99
51) 2,6-Dinitrotoluene	9.551	165	308698	44.157	ng	95
52) Acenaphthene	9.798	154	1147675m	41.480	ng	
53) 3-Nitroaniline	9.716	138	236320	28.430	ng	97
54) 2,4-Dinitrophenol	9.822	184	114526	32.591	ng	91
55) Dibenzofuran	9.969	168	1556674	41.246	ng	98
56) 4-Nitrophenol	9.892	139	474475	73.698	ng	90
57) 2,4-Dinitrotoluene	9.957	165	399196	44.776	ng	92
58) Fluorene	10.310	166	1138684	41.181	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	277764	37.401	ng	99
60) Diethylphthalate	10.192	149	1238415	42.211	ng	98
61) 4-Chlorophenyl-phenyle...	10.304	204	545996	40.520	ng	98
62) 4-Nitroaniline	10.339	138	358580	46.935	ng	96
63) Azobenzene	10.463	77	1283353	41.292	ng	99
65) 4,6-Dinitro-2-methylph...	10.363	198	134431	29.217	ng	81
66) n-Nitrosodiphenylamine	10.422	169	1076818	43.732	ng	98
67) 4-Bromophenyl-phenylether	10.792	248	351914	42.745	ng	97
68) Hexachlorobenzene	10.857	284	377758	44.779	ng	94
69) Atrazine	10.957	200	371731	52.393	ng	99
70) Pentachlorophenol	11.051	266	252936	42.099	ng	97
71) Phenanthrene	11.269	178	1766767	43.304	ng	99
72) Anthracene	11.322	178	1765169	42.276	ng	99
73) Carbazole	11.474	167	1656395	44.552	ng	99
74) Di-n-butylphthalate	11.810	149	1938120	46.065	ng	100
75) Fluoranthene	12.457	202	1755837	42.881	ng	96
77) Benzidine	12.574	184	879768	133.385	ng	# 94
78) Pyrene	12.680	202	1767598	52.867	ng	99
80) Butylbenzylphthalate	13.304	149	736427	62.206	ng	96
81) Benzo(a)anthracene	13.868	228	1136162	42.360	ng	100
82) 3,3'-Dichlorobenzidine	13.833	252	135837	18.333	ng	97
83) Chrysene	13.904	228	1114303	41.555	ng	99
84) Bis(2-ethylhexyl)phtha...	13.868	149	780068	52.497	ng	100
85) Di-n-octyl phthalate	14.474	149	1274642	52.608	ng	97
87) Indeno(1,2,3-cd)pyrene	16.680	276	1330633	58.635	ng	98
88) Benzo(b)fluoranthene	14.892	252	1052375	41.463	ng	99
89) Benzo(k)fluoranthene	14.921	252	1026493	40.798	ng	99
90) Benzo(a)pyrene	15.239	252	962977	41.683	ng	99
91) Dibenzo(a,h)anthracene	16.698	278	1098570	58.041	ng	98
92) Benzo(g,h,i)perylene	17.098	276	1118598	59.862	ng	97

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

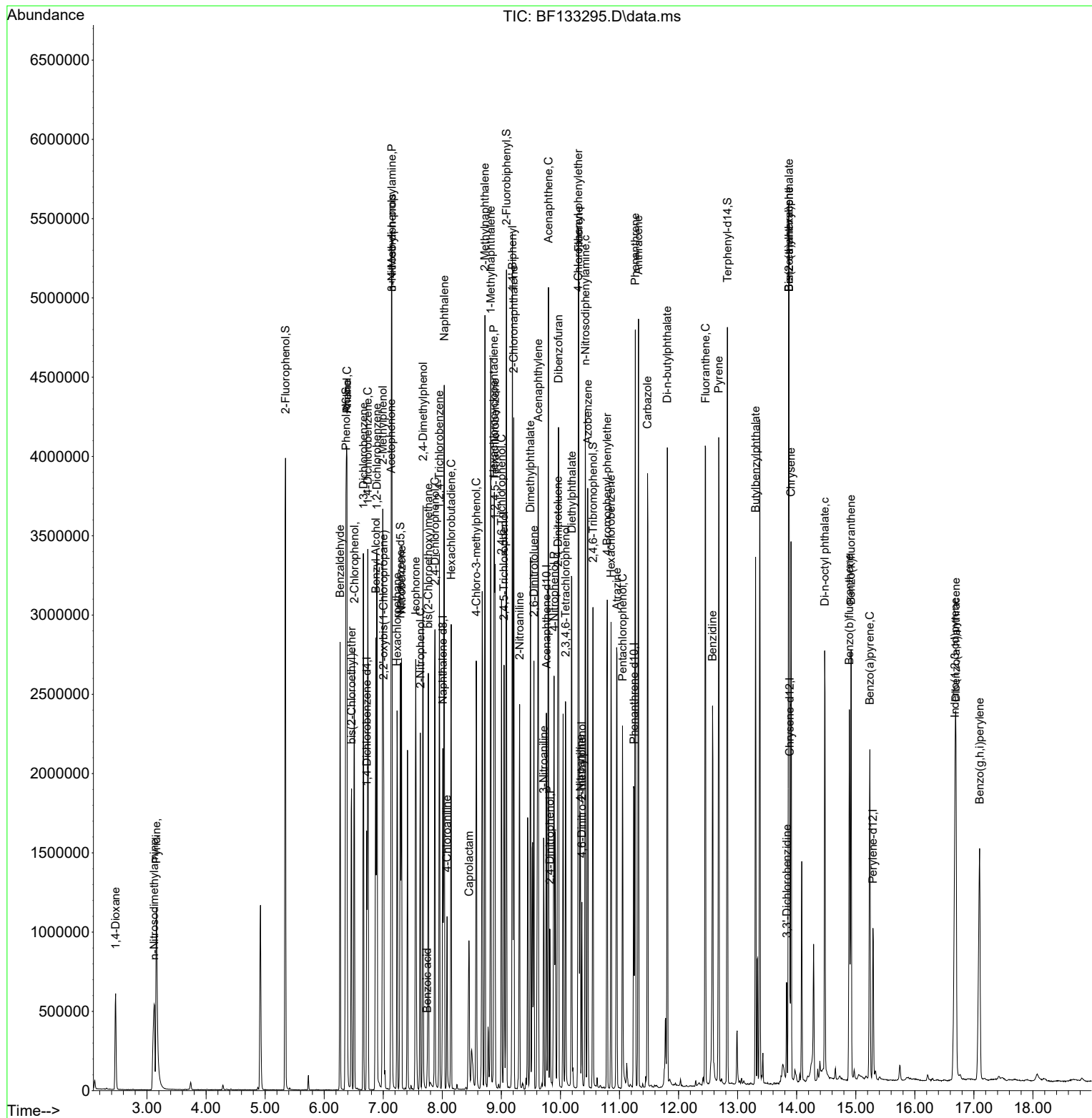
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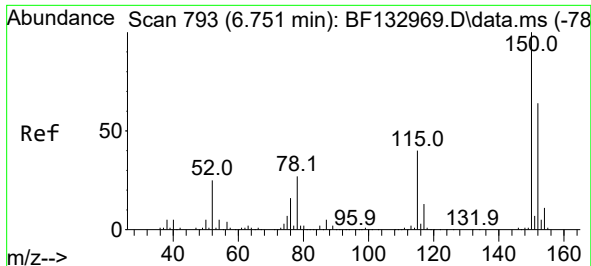
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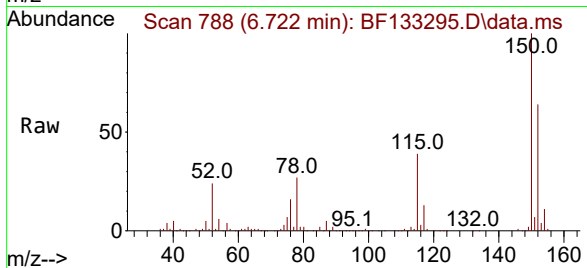
Reviewed By : Christian Giraldo 05/09/2023
Supervised By : Jagrut Upadhyay 05/09/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

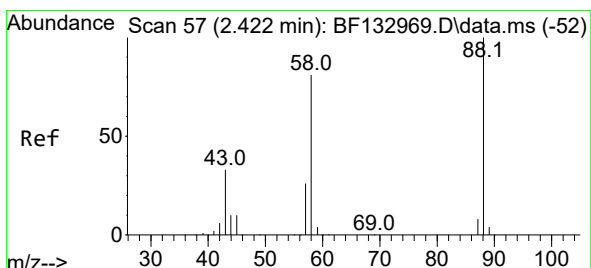
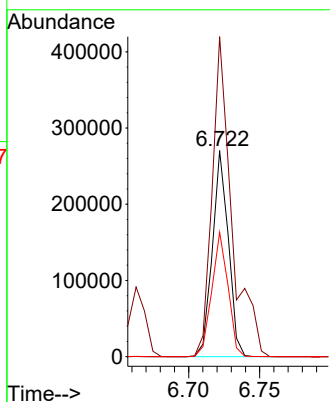
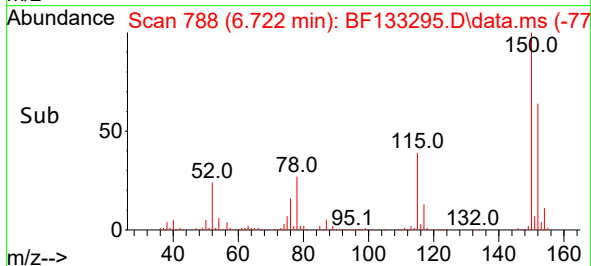
Instrument :
BNA_F
ClientSampleId :



Tgt Ion:152 Resp: 211504
Ion Ratio Lower Upper
152 100
150 155.3 124.8 187.2
115 60.4 49.9 74.9

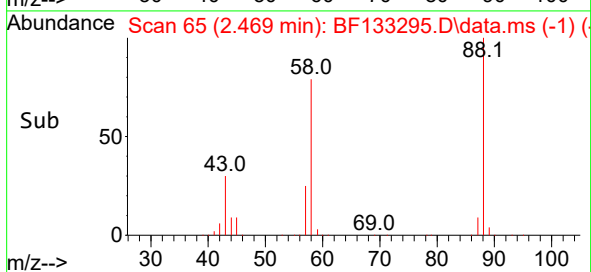
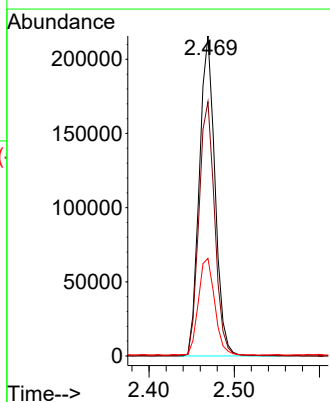
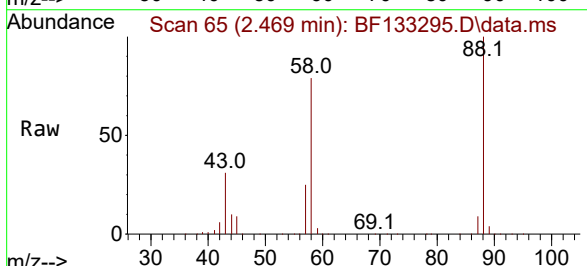
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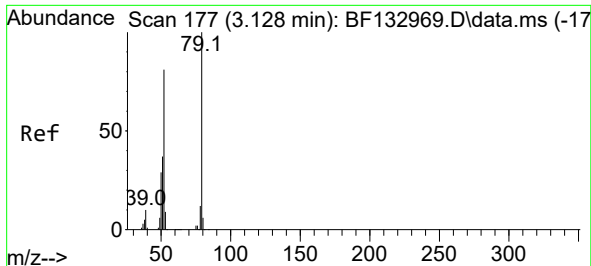
Reviewed By :Christian Giraldo 05/09/2023
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#2
1,4-Dioxane
Concen: 42.319 ng
RT: 2.469 min Scan# 65
Delta R.T. 0.100 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

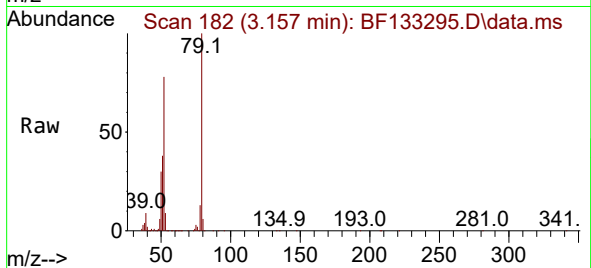
Tgt Ion: 88 Resp: 274833
Ion Ratio Lower Upper
88 100
58 80.4 64.7 97.1
43 31.6 26.2 39.2





#3
Pyridine
Concen: 40.265 ng
RT: 3.157 min Scan# 176
Delta R.T. 0.094 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

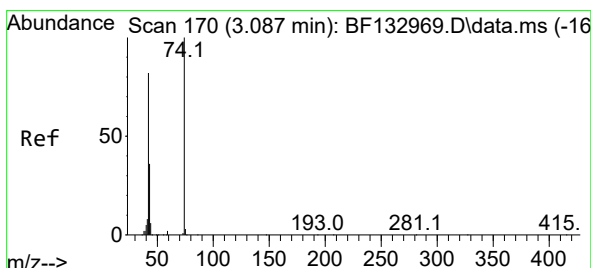
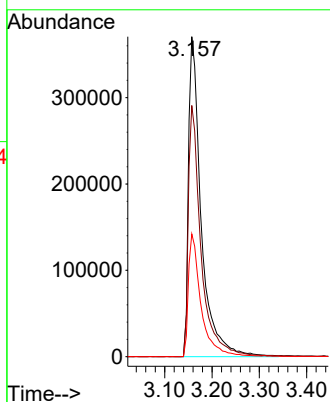
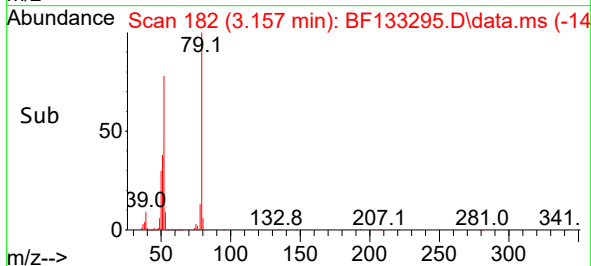
Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 79 Resp: 694514
Ion Ratio Lower Upper
79 100
52 78.5 64.6 96.8
51 38.3 30.0 45.0

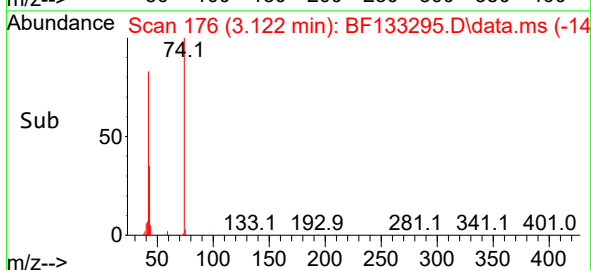
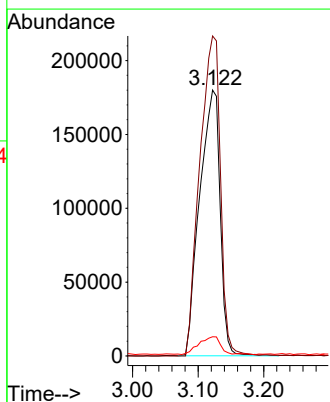
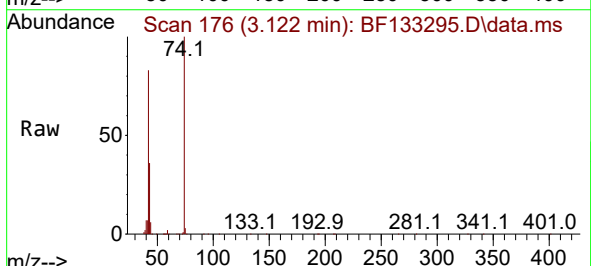
Manual Integrations
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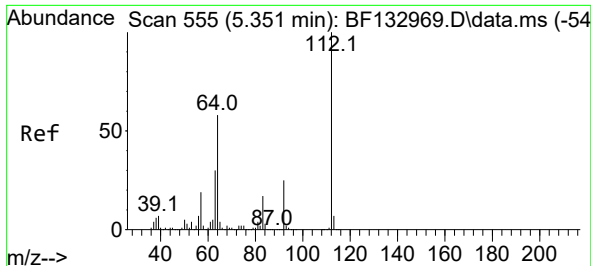
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#4
n-Nitrosodimethylamine
Concen: 43.712 ng
RT: 3.122 min Scan# 176
Delta R.T. 0.088 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

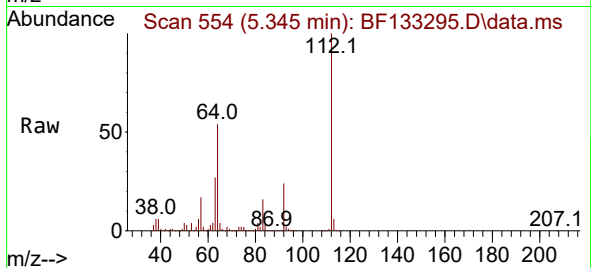
Tgt Ion: 42 Resp: 390536
Ion Ratio Lower Upper
42 100
74 120.4 98.0 147.0
44 7.2 5.8 8.8





#5
2-Fluorophenol
Concen: 85.348 ng
RT: 5.345 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

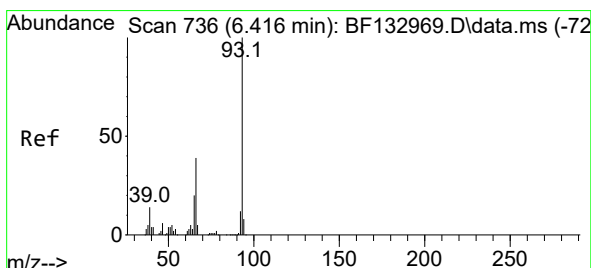
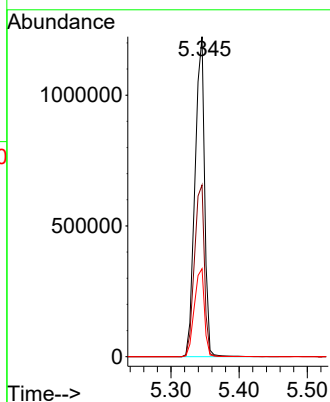
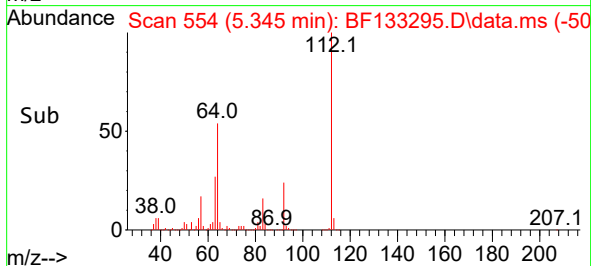
Instrument :
BNA_F
ClientSampleId :



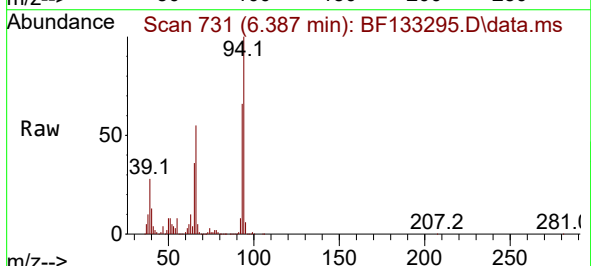
Tgt Ion:112 Resp: 1194970
Ion Ratio Lower Upper
112 100
64 53.7 46.8 70.2
63 27.5 23.8 35.8

Manual Integrations
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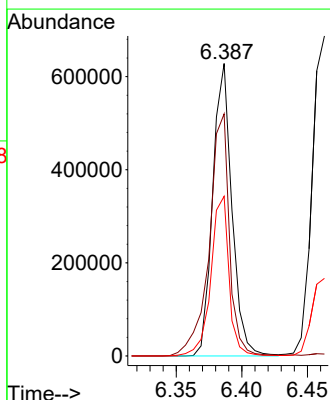
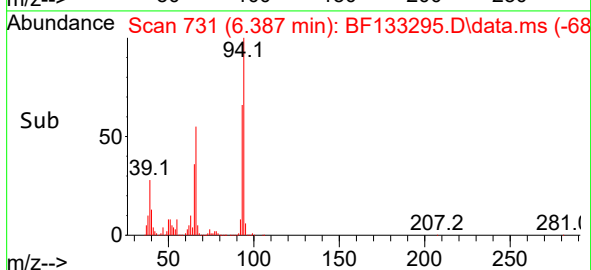
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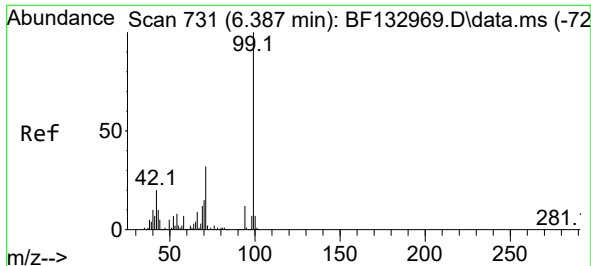


#6
Aniline
Concen: 28.554 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21



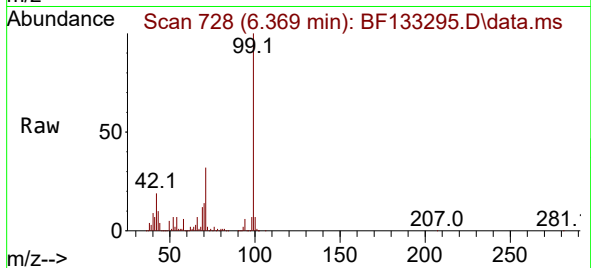
Tgt Ion: 93 Resp: 639116
Ion Ratio Lower Upper
93 100
66 82.7 31.5 47.3#
65 54.6 16.4 24.6#





#7
Phenol-d6
Concen: 84.137 ng
RT: 6.369 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

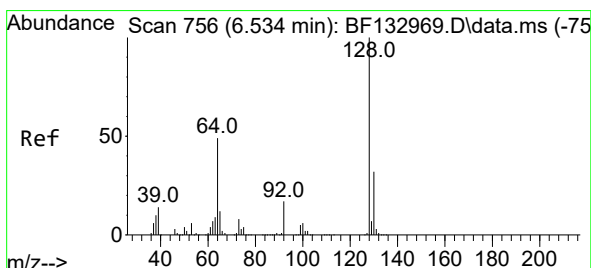
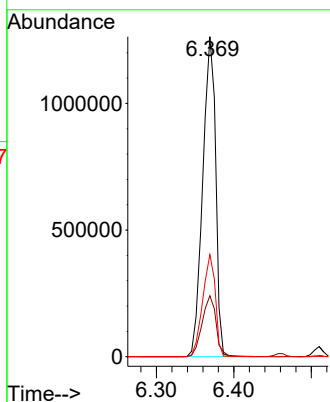
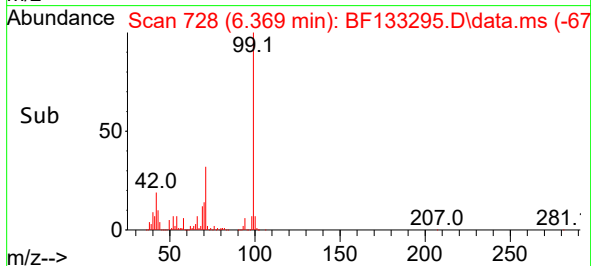
Instrument :
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Tgt Ion: 99 Resp: 146216
Ion Ratio Lower Upper
99 100
42 19.1 16.3 24.5
71 31.9 25.6 38.4

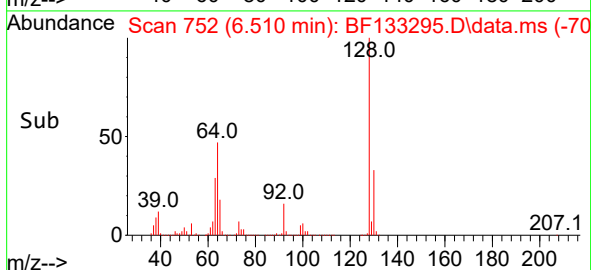
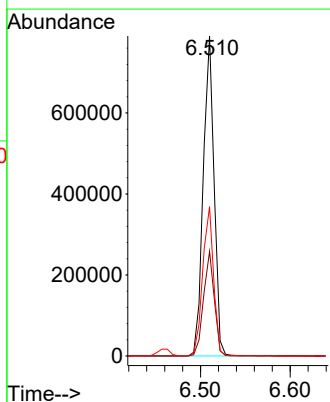
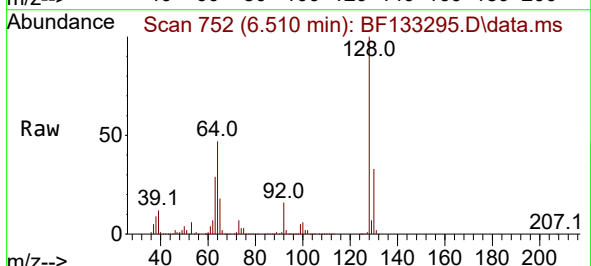
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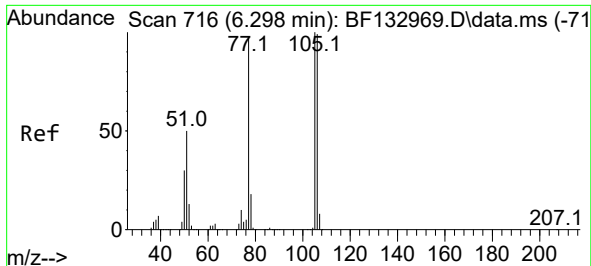
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#8
2-Chlorophenol
Concen: 46.603 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

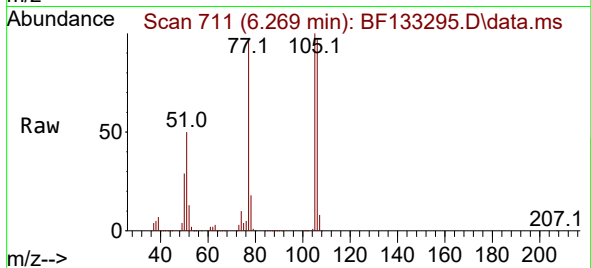
Tgt Ion:128 Resp: 662501
Ion Ratio Lower Upper
128 100
130 32.7 12.2 52.2
64 46.6 30.3 70.3





#9
Benzaldehyde
Concen: 89.557 ng
RT: 6.269 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

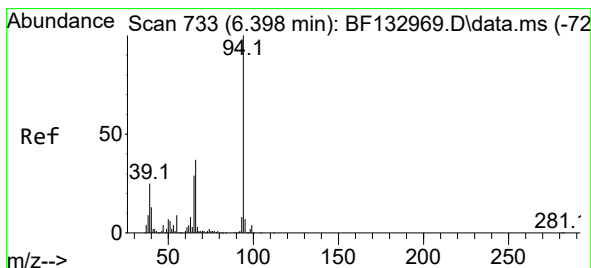
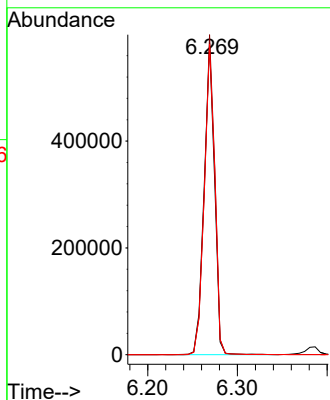
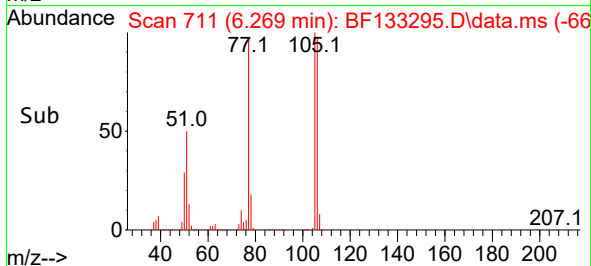
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Tgt Ion: 77 Resp: 471218
Ion Ratio Lower Upper
77 100
105 102.7 82.3 122.3
106 99.7 80.8 120.8

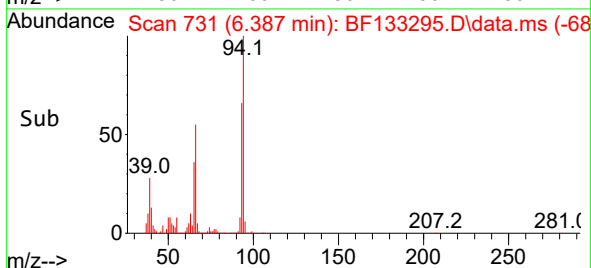
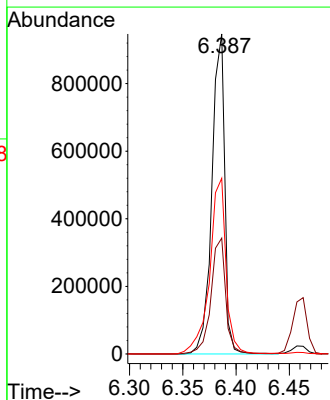
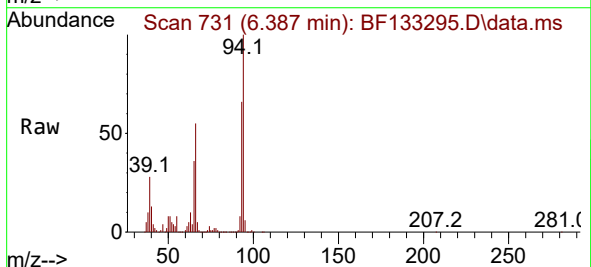
Manual Integrations
APPROVED

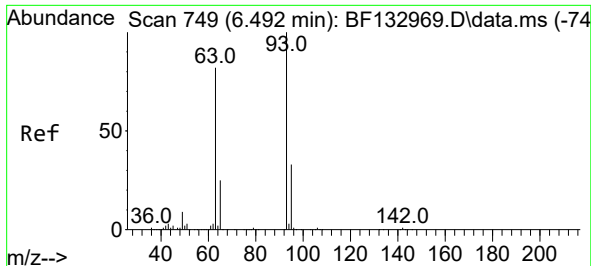
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#10
Phenol
Concen: 41.416 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

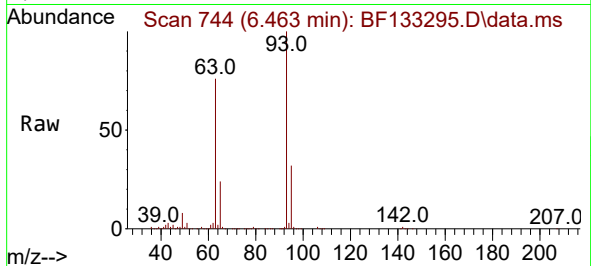
Tgt Ion: 94 Resp: 794021
Ion Ratio Lower Upper
94 100
65 36.2 8.6 48.6
66 54.9 17.3 57.3





#11
bis(2-Chloroethyl)ether
Concen: 44.085 ng
RT: 6.463 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

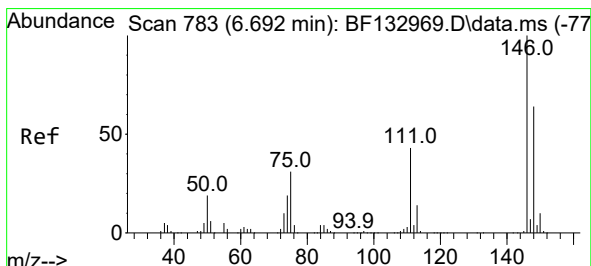
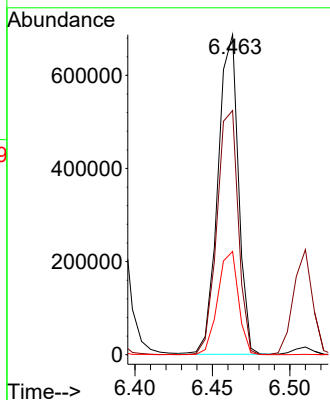
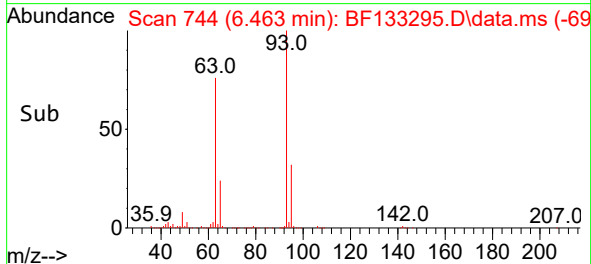
Instrument :
BNA_F
ClientSampleId :



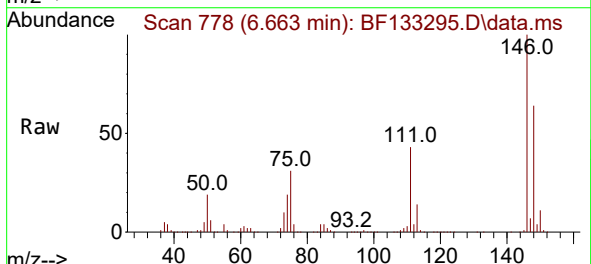
Tgt Ion: 93 Resp: 634227
Ion Ratio Lower Upper
93 100
63 76.3 60.6 100.6
95 32.3 12.9 52.9

Manual Integrations
APPROVED

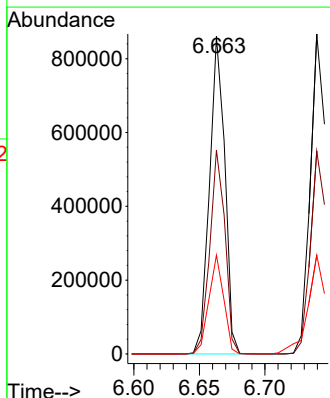
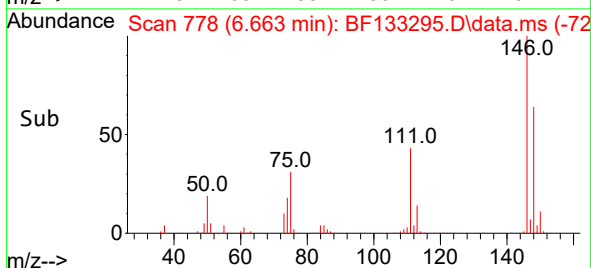
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

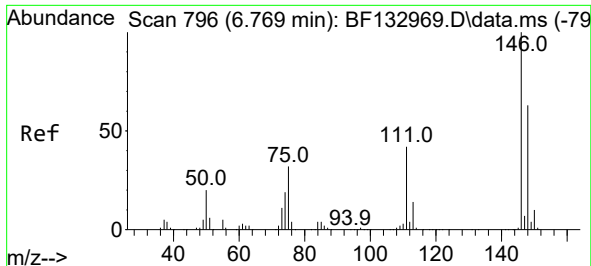


#12
1,3-Dichlorobenzene
Concen: 46.280 ng
RT: 6.663 min Scan# 778
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21



Tgt Ion:146 Resp: 699482
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.4
75 31.1 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 46.397 ng

RT: 6.739 min Scan# 796

Delta R.T. 0.000 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:146 Resp: 70279

Ion Ratio Lower Upper

146 100

148 63.4 50.3 75.5

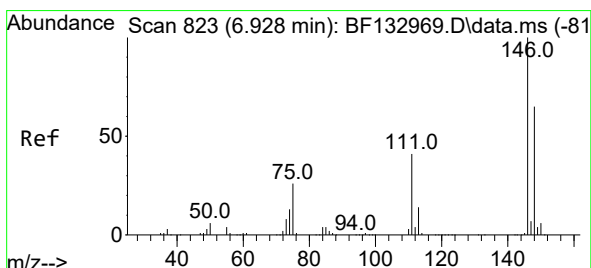
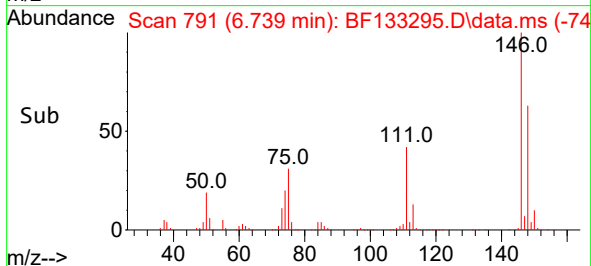
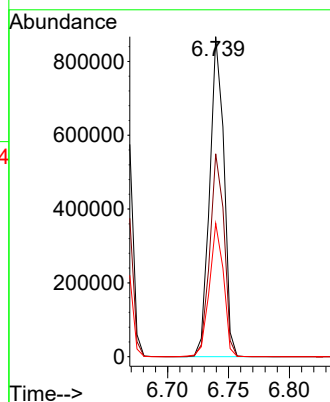
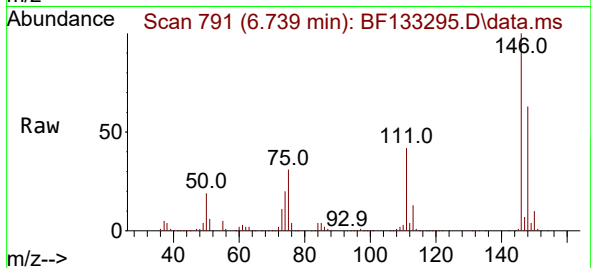
111 41.7 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/09/2023

Supervised By :Jagrut Upadhyay 05/09/2023



#14

1,2-Dichlorobenzene

Concen: 48.134 ng

RT: 6.892 min Scan# 817

Delta R.T. -0.006 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

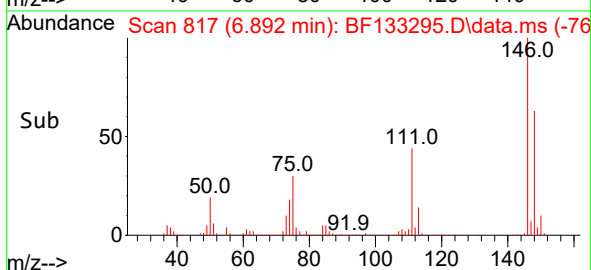
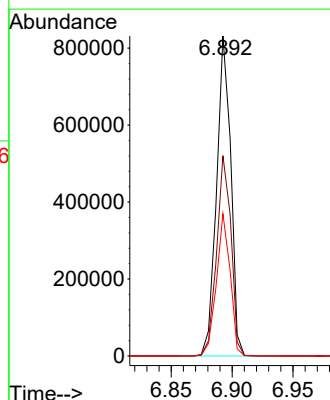
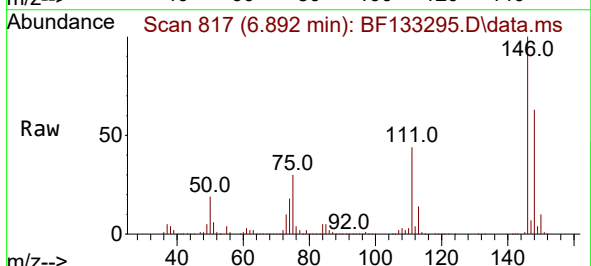
Tgt Ion:146 Resp: 672194

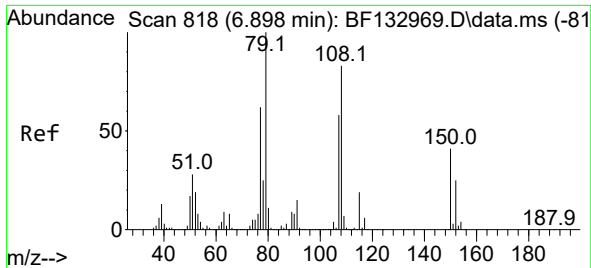
Ion Ratio Lower Upper

146 100

148 62.6 52.2 78.2

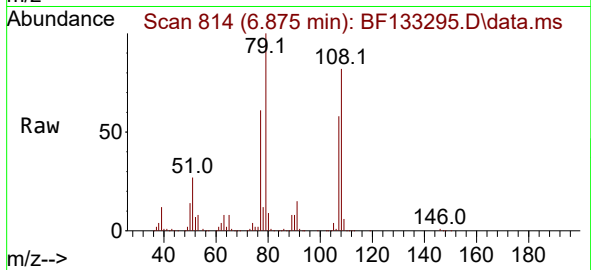
111 44.4 32.8 49.2





#15
Benzyl Alcohol
Concen: 46.510 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

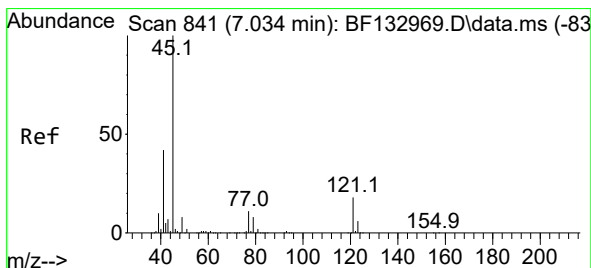
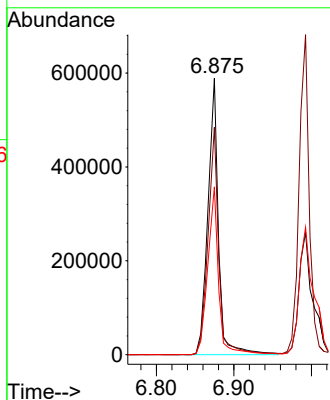
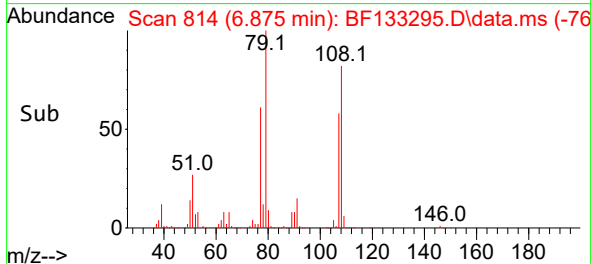
Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 79 Resp: 558330
Ion Ratio Lower Upper
79 100
108 82.3 66.6 99.8
77 60.8 49.2 73.8

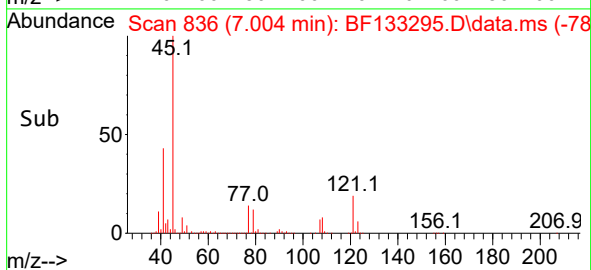
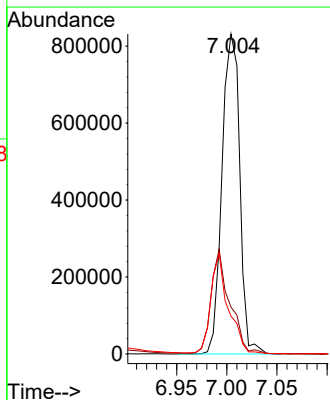
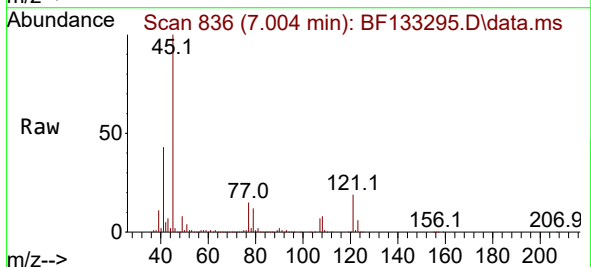
Manual Integrations
APPROVED

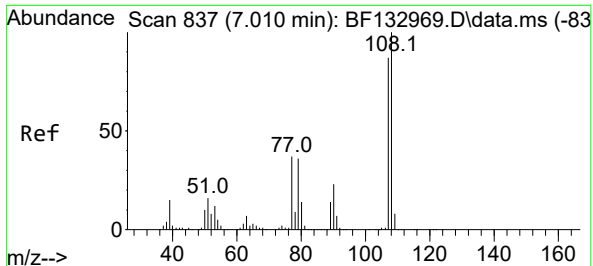
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.772 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

Tgt Ion: 45 Resp: 1018788
Ion Ratio Lower Upper
45 100
77 14.6 0.0 31.5
79 11.8 0.0 28.7





#17

2-Methylphenol

Concen: 42.097 ng

RT: 6.992 min Scan# 81

Delta R.T. 0.000 min

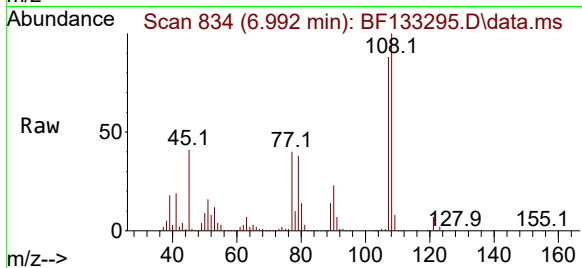
Lab File: BF133295.D

Acq: 08 May 2023 15:21

Instrument :

BNA_F

ClientSampleId :



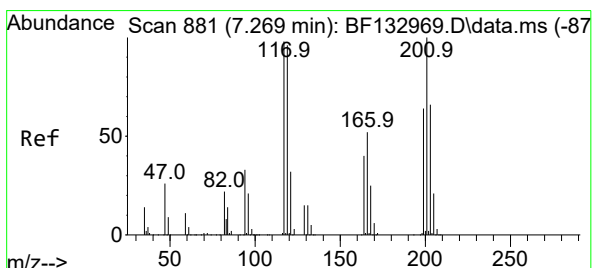
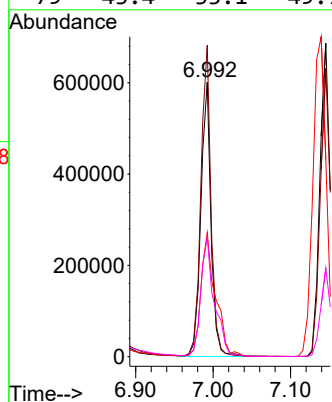
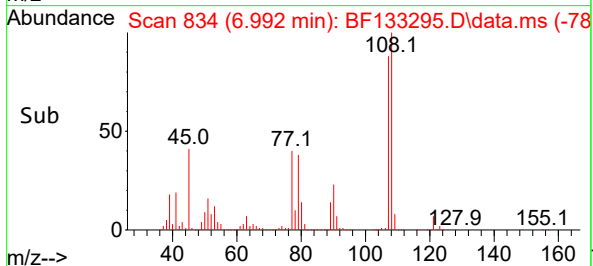
Tgt Ion:107 Resp: 54798

Ion	Ratio	Lower	Upper
107	100		
108	113.4	92.4	138.6
77	45.2	33.8	50.8
79	43.4	33.1	49.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#18

Hexachloroethane

Concen: 48.195 ng

RT: 7.234 min Scan# 875

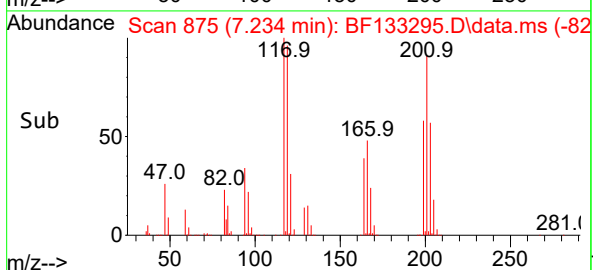
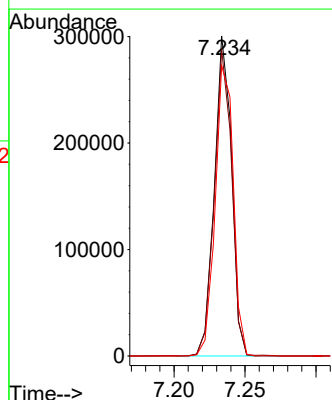
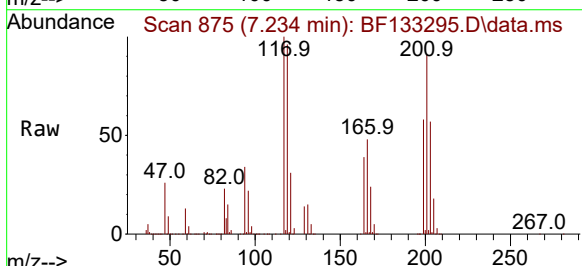
Delta R.T. -0.006 min

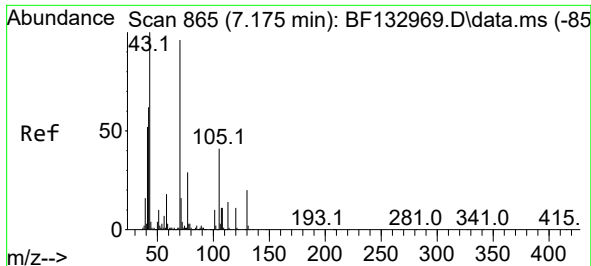
Lab File: BF133295.D

Acq: 08 May 2023 15:21

Tgt Ion:117 Resp: 253808

Ion	Ratio	Lower	Upper
117	100		
119	95.7	78.2	117.4
201	90.7	81.7	122.5





#19

n-Nitroso-di-n-propylamine

Concen: 39.422 ng

RT: 7.145 min Scan# 80

Delta R.T. 0.000 min

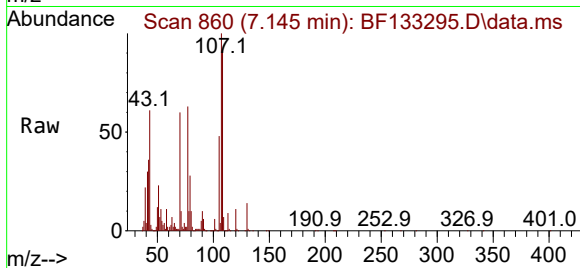
Lab File: BF133295.D

Acq: 08 May 2023 15:21

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 70 Resp: 426508

Ion Ratio Lower Upper

70 100

42 60.5 51.8 77.6

101 10.2 8.0 12.0

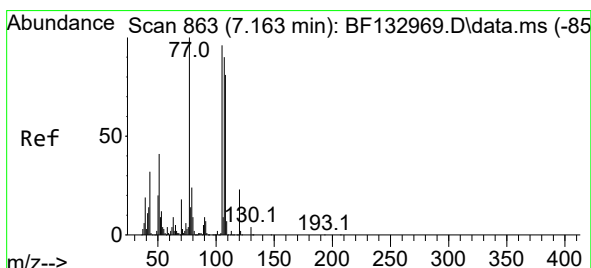
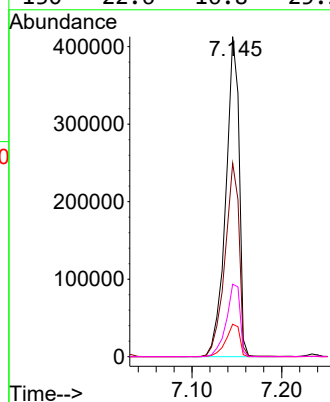
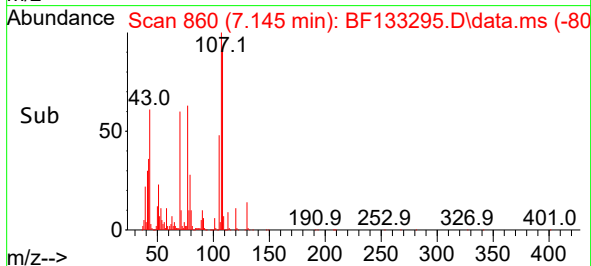
130 22.6 16.8 25.2

Manual Integrations

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Reviewed By :Christian Giraldo 05/09/2023

Supervised By :Jagrut Upadhyay 05/09/2023



#20

3+4-Methylphenols

Concen: 41.987 ng

RT: 7.145 min Scan# 860

Delta R.T. 0.000 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

Tgt Ion:107 Resp: 643651

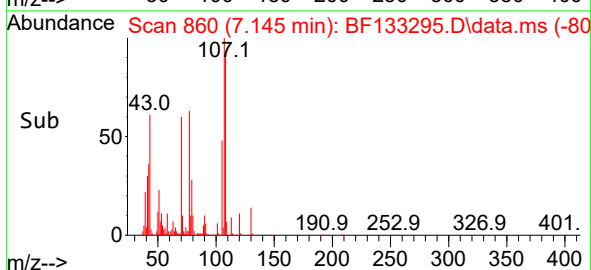
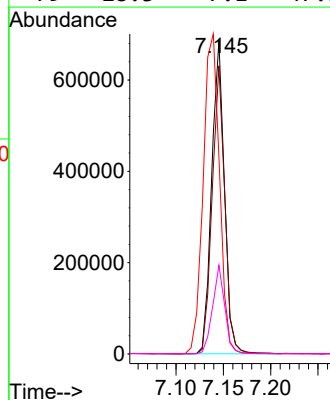
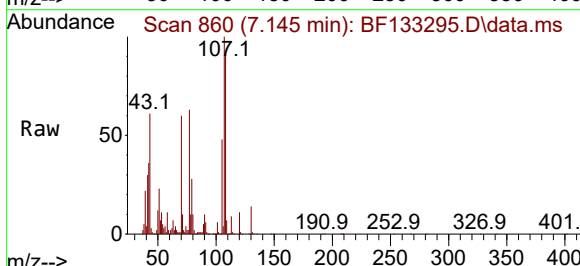
Ion Ratio Lower Upper

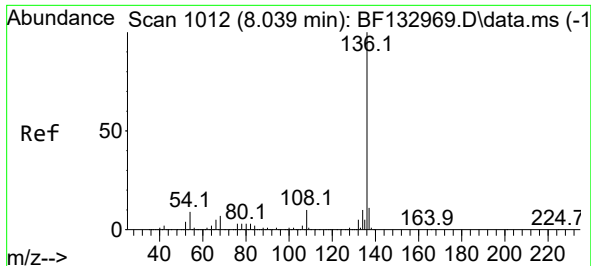
107 100

108 91.9 70.5 110.5

77 62.9 91.7 131.7#

79 28.3 7.1 47.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.010 min Scan# 1012

Delta R.T. 0.000 min

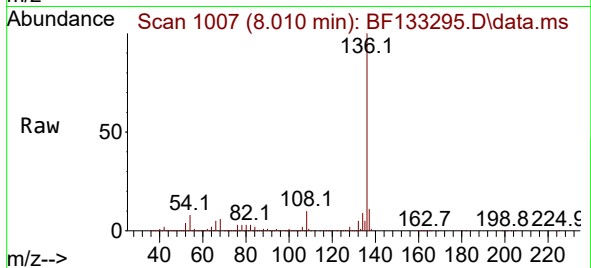
Lab File: BF133295.D

Acq: 08 May 2023 15:21

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 86596

Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 8.1 7.0 10.4

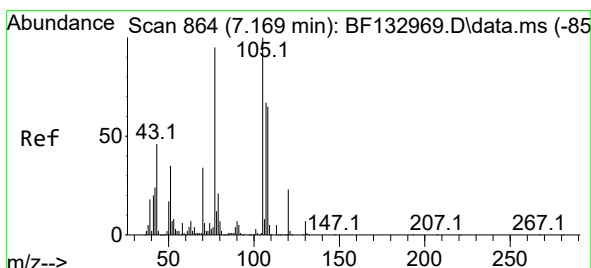
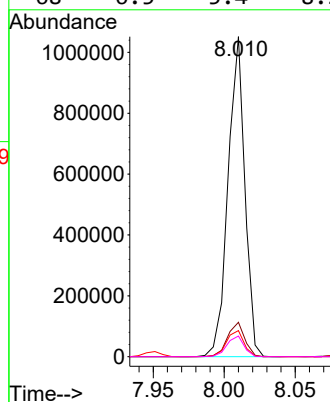
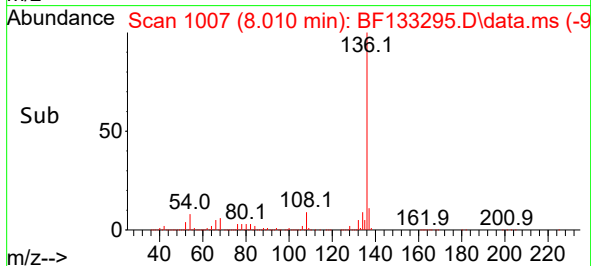
68 6.5 5.4 8.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/09/2023

Supervised By :Jagrut Upadhyay 05/09/2023



#22

Acetophenone

Concen: 44.303 ng

RT: 7.134 min Scan# 858

Delta R.T. -0.006 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

Tgt Ion:105 Resp: 888715

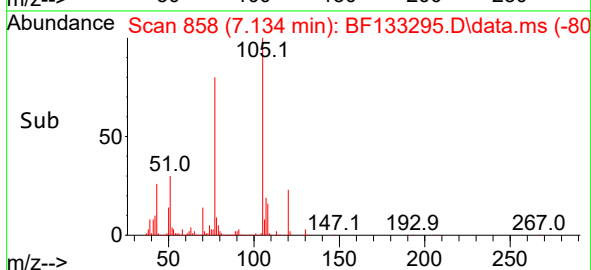
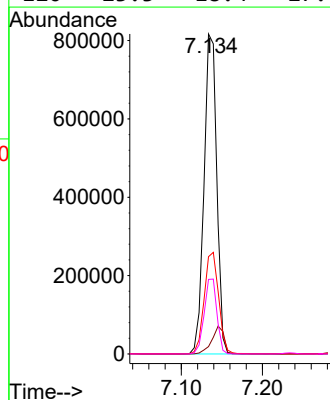
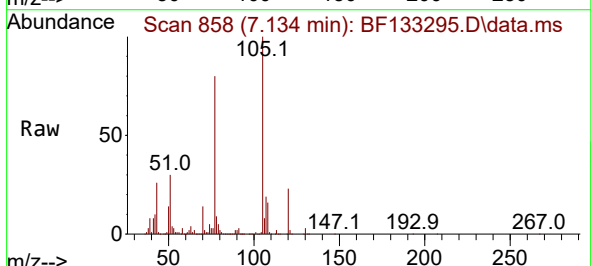
Ion Ratio Lower Upper

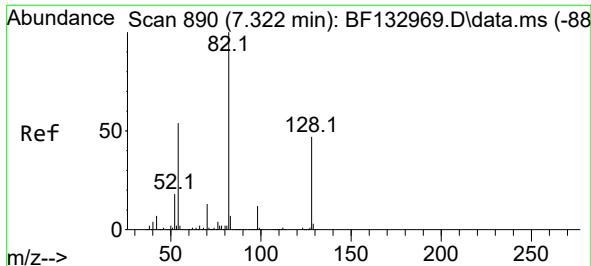
105 100

71 2.3 4.6 7.0#

51 30.4 28.2 42.2

120 23.3 18.4 27.6





#23

Nitrobenzene-d5

Concen: 55.525 ng

RT: 7.292 min Scan# 885

Delta R.T. 0.000 min

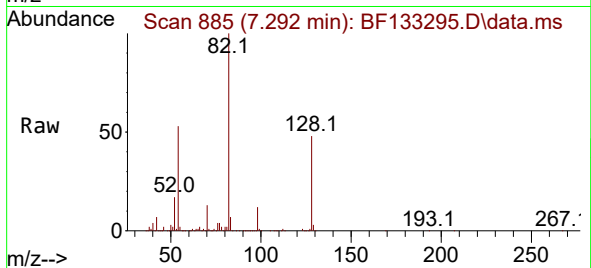
Lab File: BF133295.D

Acq: 08 May 2023 15:21

Instrument :

BNA_F

ClientSampleId :

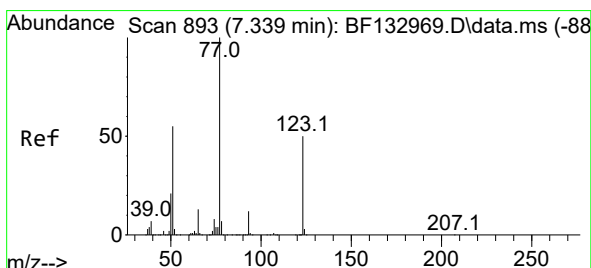
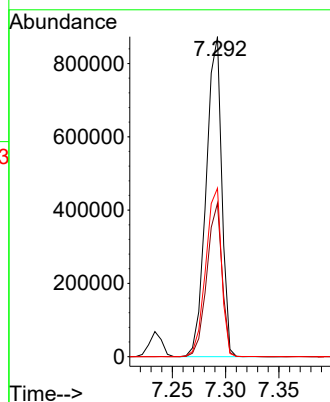
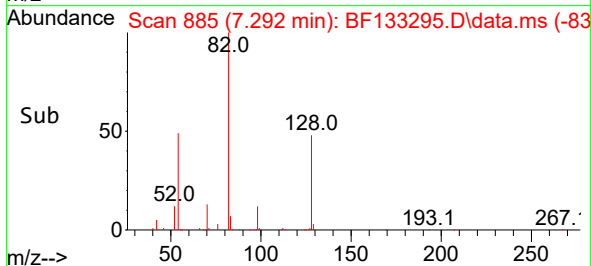


Tgt Ion:	82	Resp:	890799
Ion Ratio	Lower	Upper	
82	100		
128	48.0	37.7	56.5
54	52.6	43.0	64.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#24

Nitrobenzene

Concen: 41.253 ng

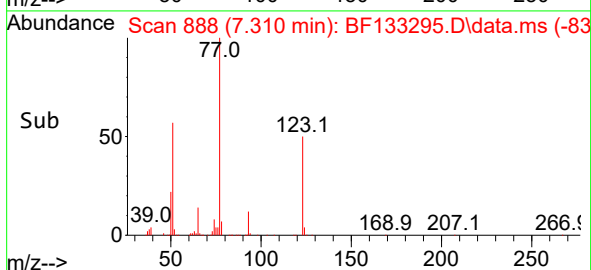
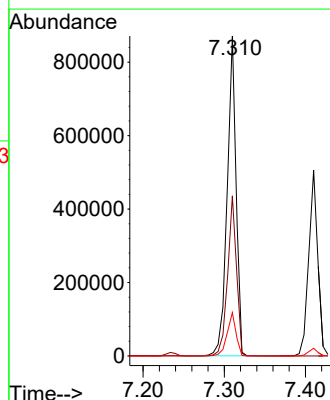
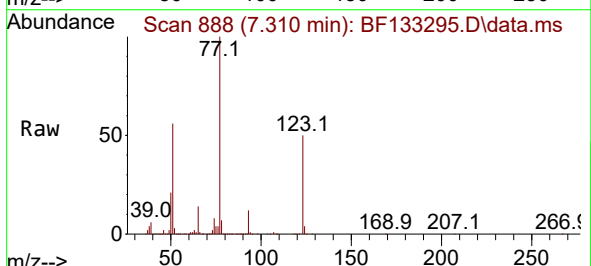
RT: 7.310 min Scan# 888

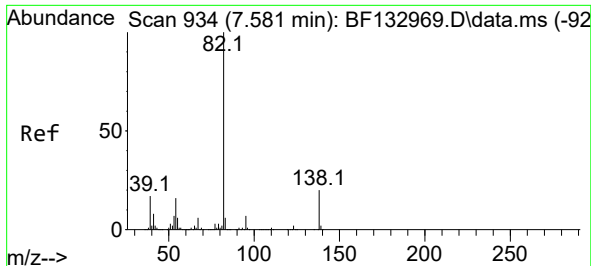
Delta R.T. -0.006 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

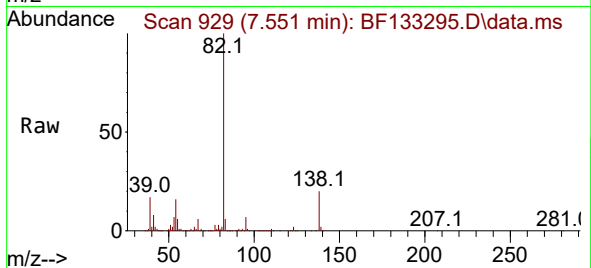
Tgt Ion:	77	Resp:	670661
Ion Ratio	Lower	Upper	
77	100		
123	50.0	39.9	59.9
65	13.6	10.7	16.1





#25
Isophorone
Concen: 41.646 ng
RT: 7.551 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

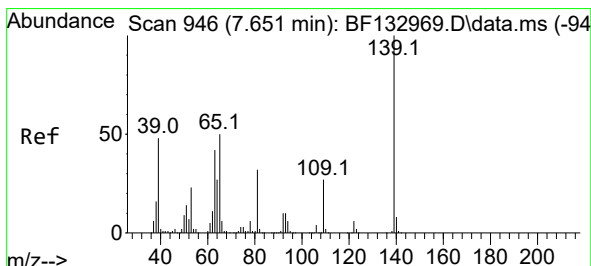
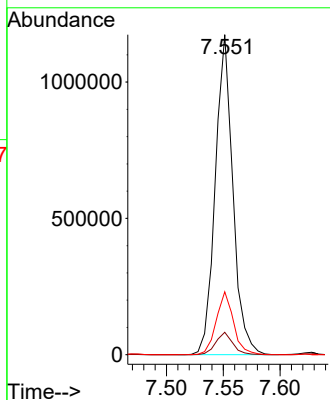
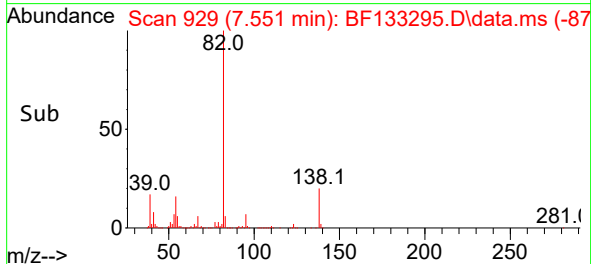
Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 82 Resp: 1268578
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.0
138 19.7 16.0 24.0

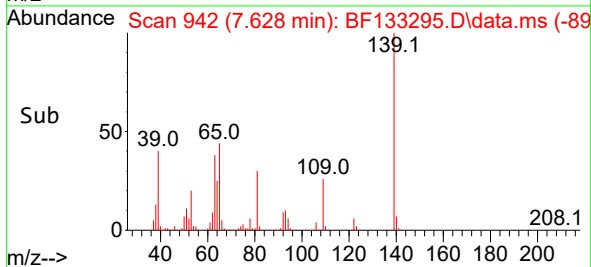
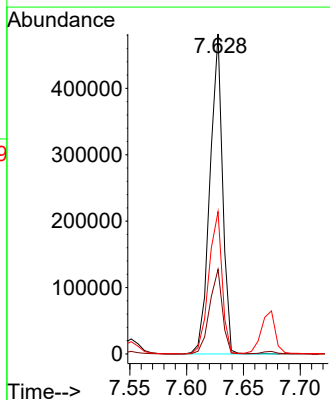
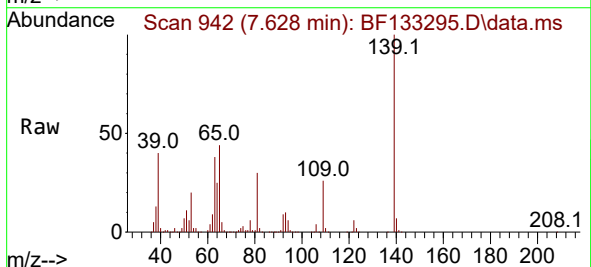
Manual Integrations
APPROVED

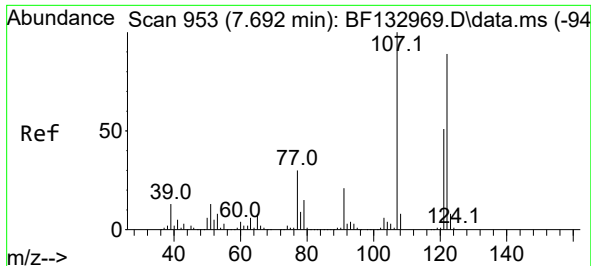
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#26
2-Nitrophenol
Concen: 47.584 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

Tgt Ion:139 Resp: 373117
Ion Ratio Lower Upper
139 100
109 26.5 21.6 32.4
65 44.4 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 44.375 ng

RT: 7.675 min Scan# 91

Delta R.T. 0.000 min

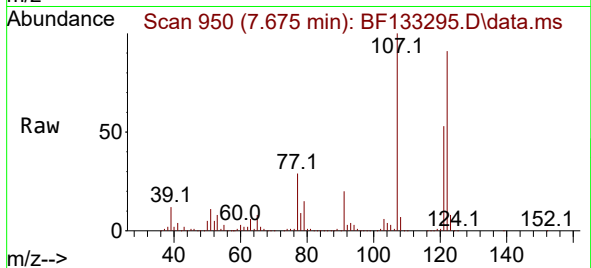
Lab File: BF133295.D

Acq: 08 May 2023 15:21

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:122 Resp: 596650

Ion Ratio Lower Upper

122 100

107 109.8 89.7 134.5

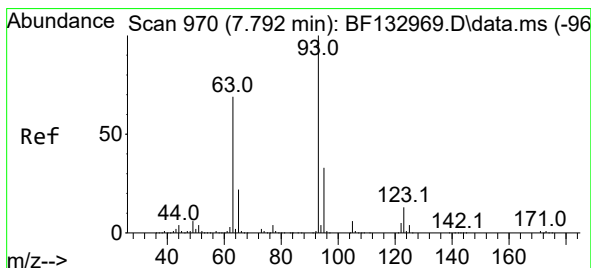
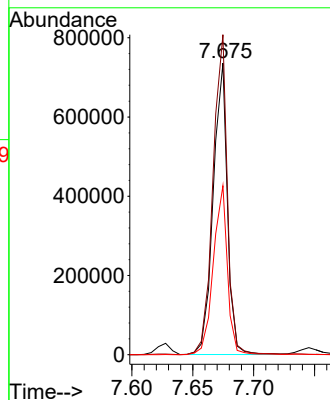
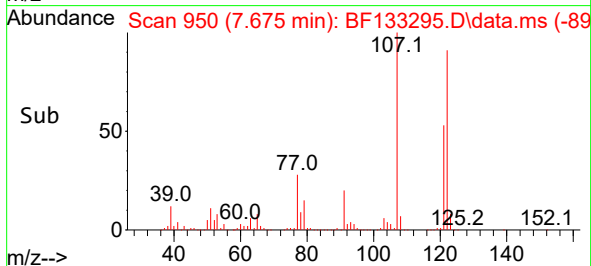
121 58.0 46.0 69.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/09/2023

Supervised By :Jagrut Upadhyay 05/09/2023



#28

bis(2-Chloroethoxy)methane

Concen: 42.969 ng

RT: 7.763 min Scan# 965

Delta R.T. 0.000 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

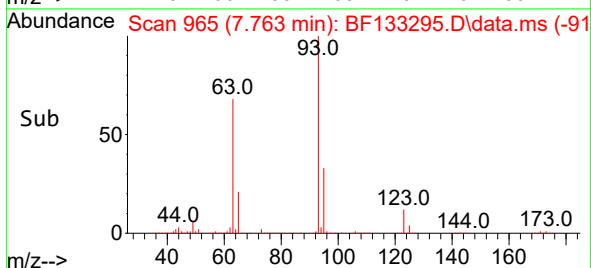
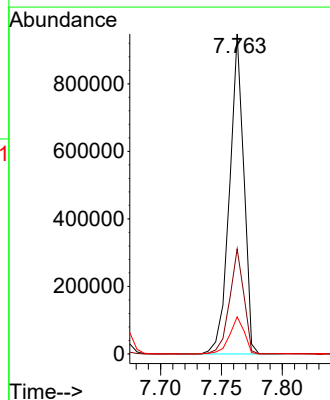
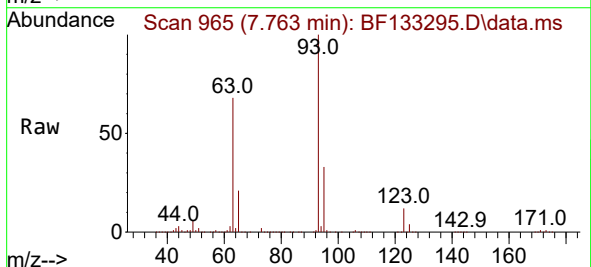
Tgt Ion: 93 Resp: 774303

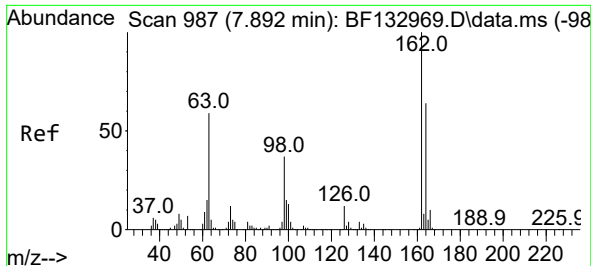
Ion Ratio Lower Upper

93 100

95 32.8 26.4 39.6

123 11.6 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 44.788 ng

RT: 7.875 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

Instrument :

BNA_F

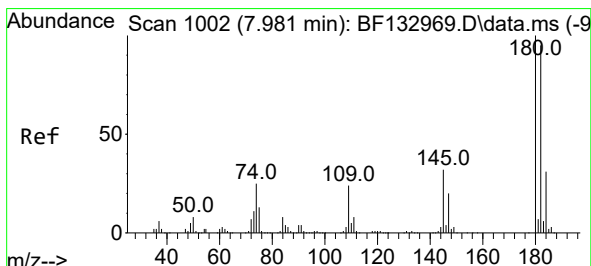
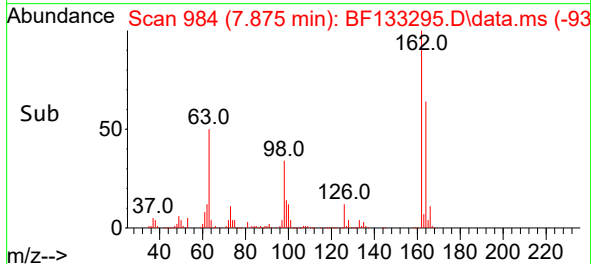
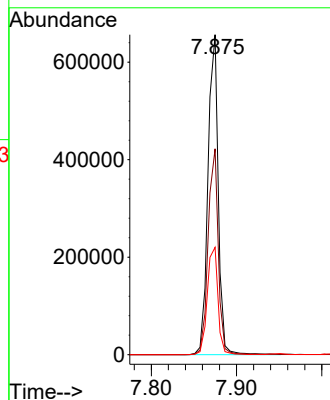
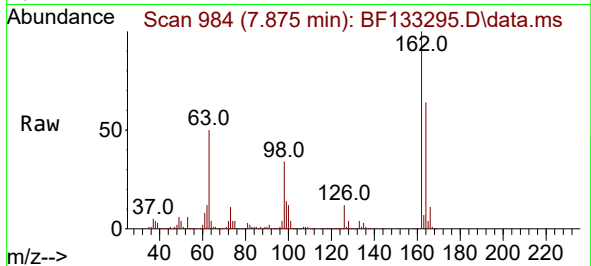
ClientSampleId :

Tgt Ion:162 Resp: 548209
 Ion Ratio Lower Upper
 162 100
 164 64.3 43.9 83.9
 98 33.6 17.0 57.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/09/2023
 Supervised By :Jagrut Upadhyay 05/09/2023



#30

1,2,4-Trichlorobenzene

Concen: 44.748 ng

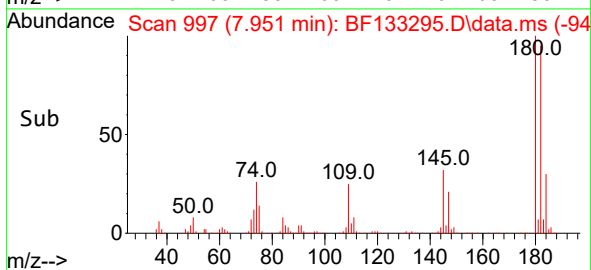
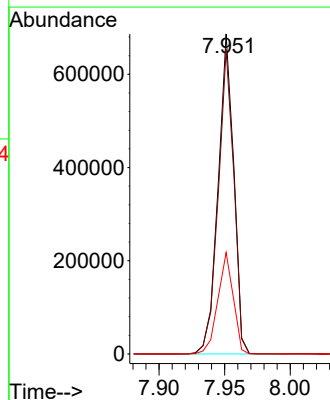
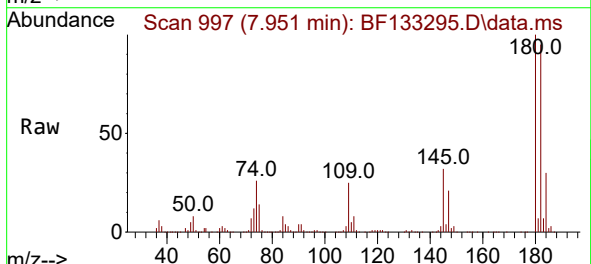
RT: 7.951 min Scan# 997

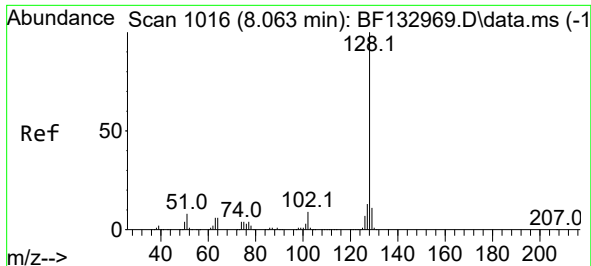
Delta R.T. 0.000 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

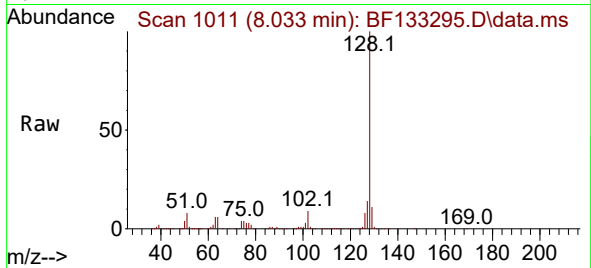
Tgt Ion:180 Resp: 567442
 Ion Ratio Lower Upper
 180 100
 182 95.1 75.9 113.9
 145 31.7 25.3 37.9





#31
Naphthalene
Concen: 42.669 ng
RT: 8.033 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

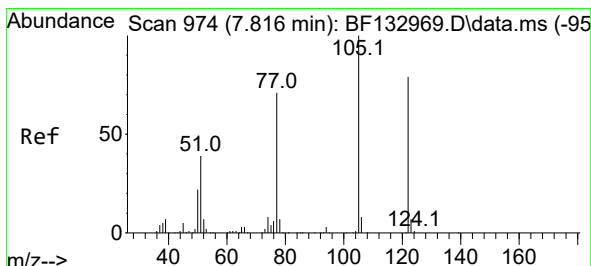
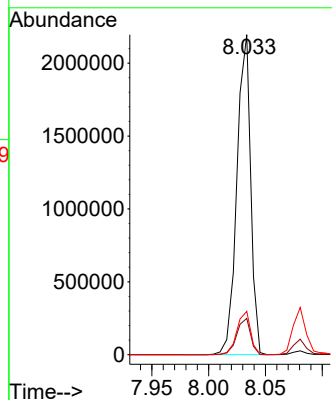
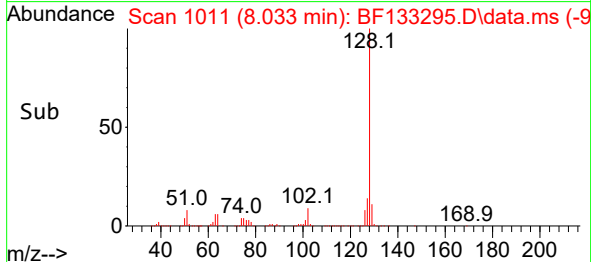
Instrument :
BNA_F
ClientSampleId :



Tgt Ion:128 Resp: 184737
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.6 10.7 16.1

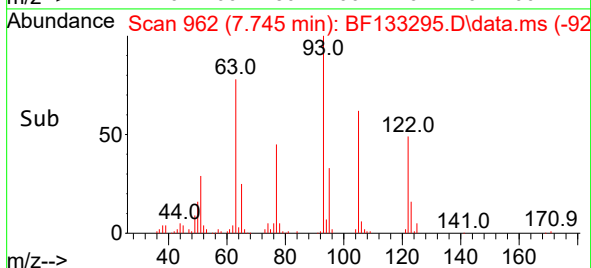
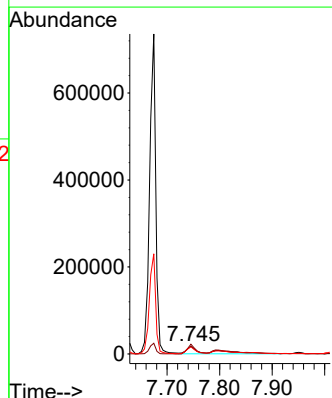
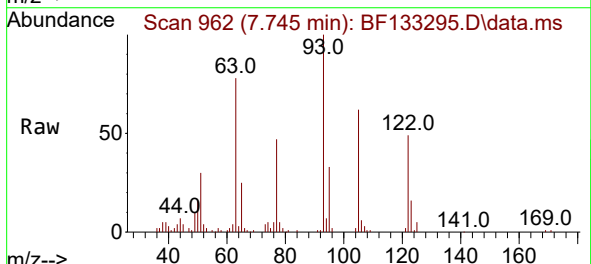
Manual Integrations
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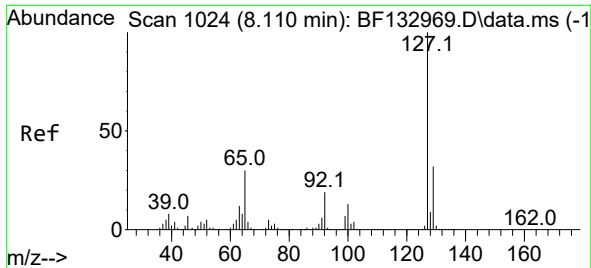
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#32
Benzoic acid
Concen: 5.451 ng m
RT: 7.745 min Scan# 962
Delta R.T. -0.059 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

Tgt Ion:122 Resp: 45271
Ion Ratio Lower Upper
122 100
105 125.9 104.2 144.2
77 94.3 69.7 109.7



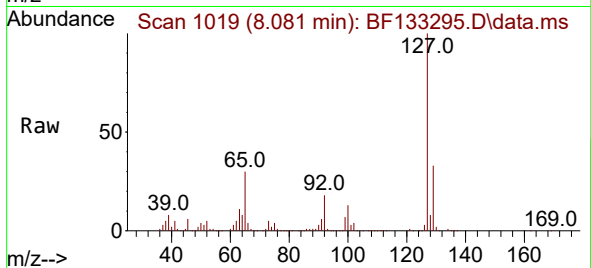


#33
4-Chloroaniline
Concen: 15.307 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

Instrument :

BNA_F

ClientSampleId :

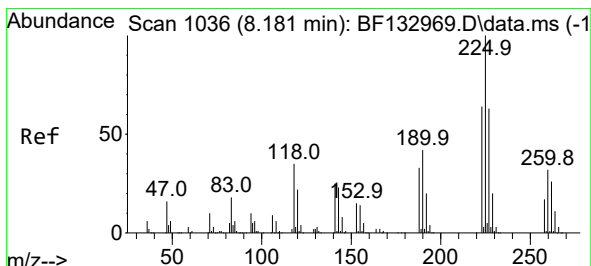
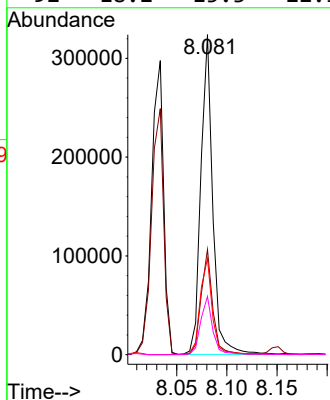
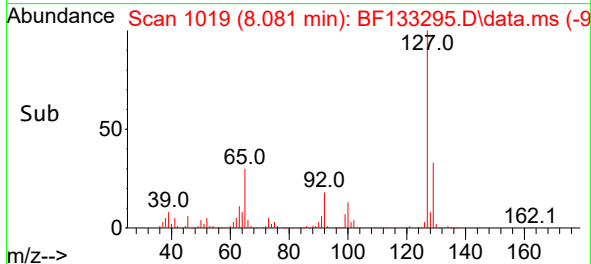


Tgt Ion:127 Resp: 267760
Ion Ratio Lower Upper
127 100
129 32.9 25.8 38.8
65 30.1 23.6 35.4
92 18.2 15.3 22.9

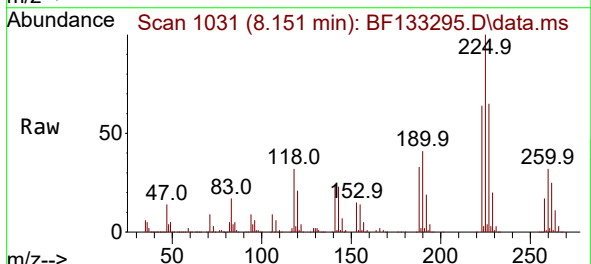
Manual Integrations

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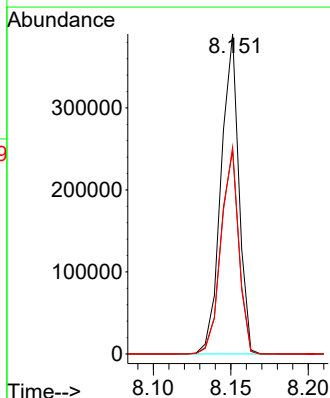
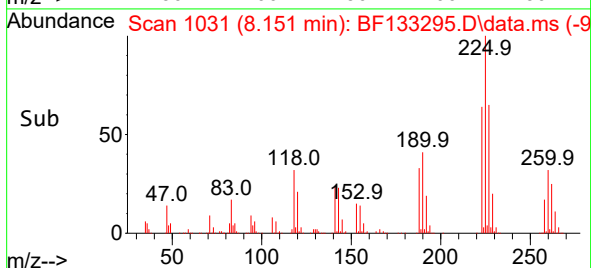
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

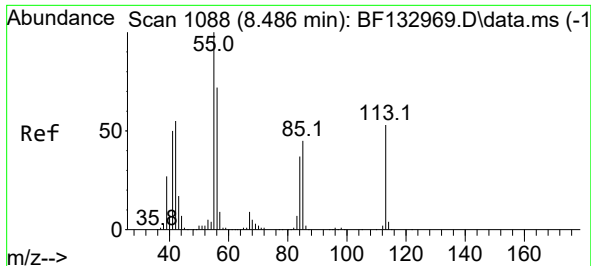


#34
Hexachlorobutadiene
Concen: 44.267 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21



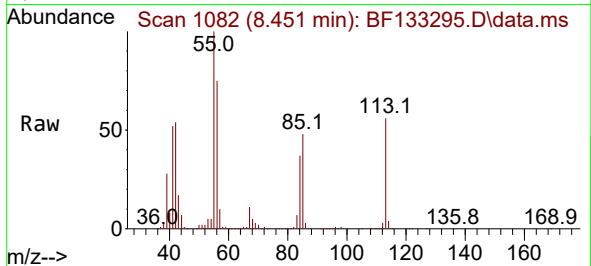
Tgt Ion:225 Resp: 311121
Ion Ratio Lower Upper
225 100
223 63.6 50.9 76.3
227 64.7 50.3 75.5





#35
Caprolactam
Concen: 44.976 ng m
RT: 8.451 min Scan# 1088
Delta R.T. -0.012 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

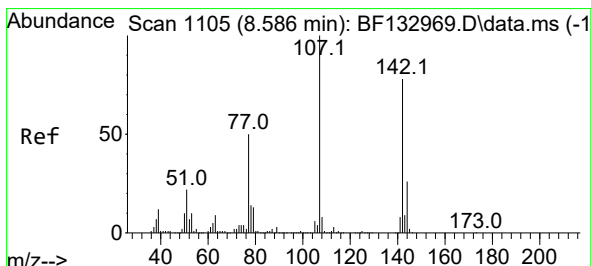
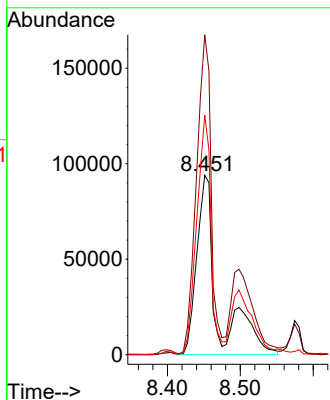
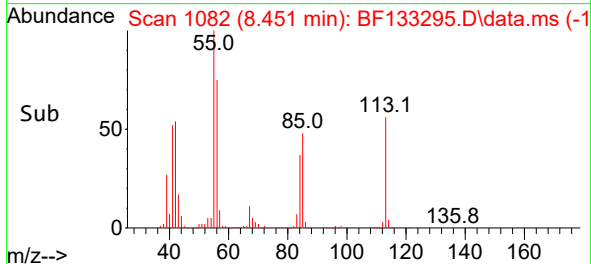
Instrument :
BNA_F
ClientSampleId :



Tgt Ion:113 Resp: 184930
Ion Ratio Lower Upper
113 100
55 178.4 167.1 207.1
56 133.6 114.5 154.5

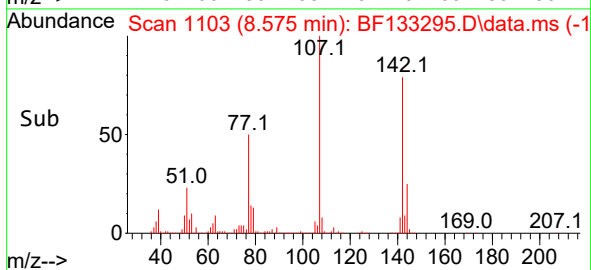
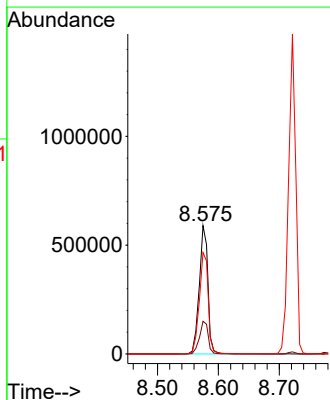
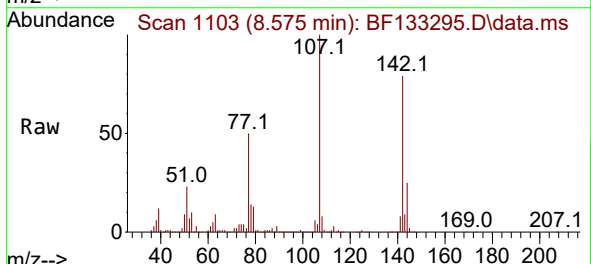
Manual Integrations
APPROVED

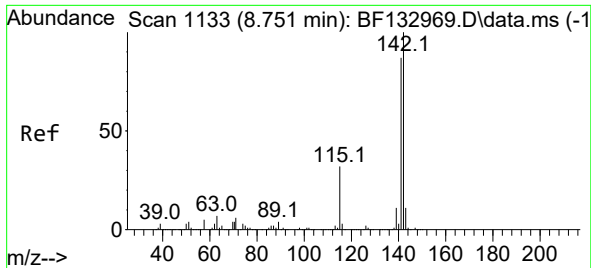
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#36
4-Chloro-3-methylphenol
Concen: 44.224 ng
RT: 8.575 min Scan# 1103
Delta R.T. 0.006 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

Tgt Ion:107 Resp: 583730
Ion Ratio Lower Upper
107 100
144 25.5 20.6 30.8
142 79.1 62.8 94.2



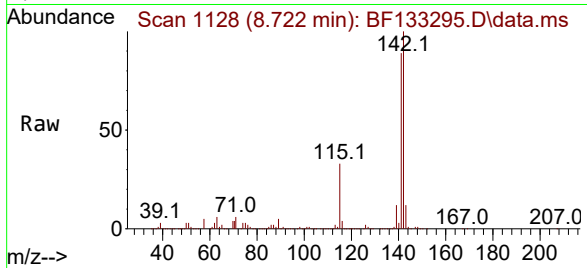


#37
2-Methylnaphthalene
Concen: 40.997 ng
RT: 8.722 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

Instrument :

BNA_F

ClientSampleId :

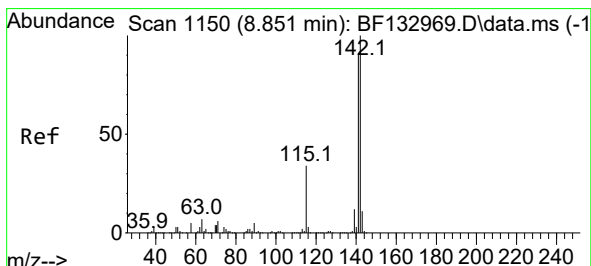
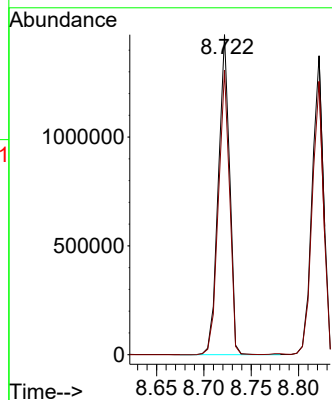
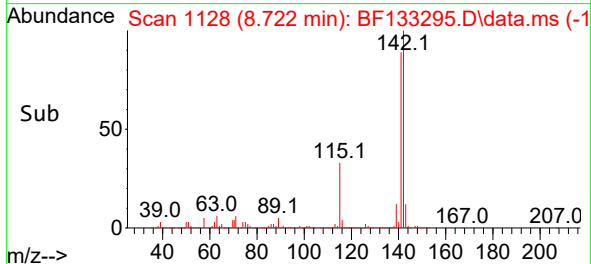


Tgt Ion:142 Resp: 1213520
Ion Ratio Lower Upper
142 100
141 88.8 69.4 104.0

Manual Integrations

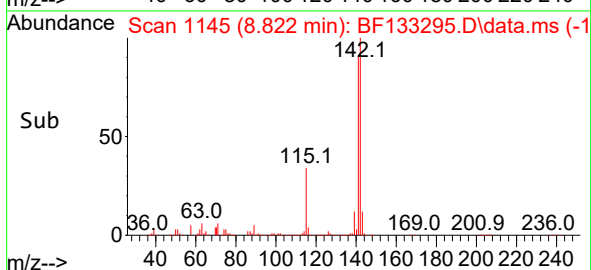
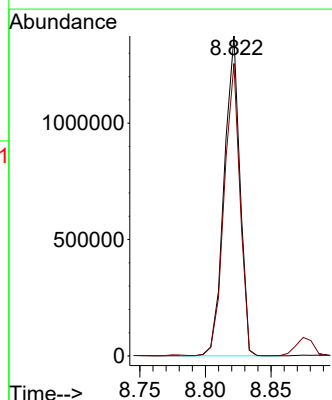
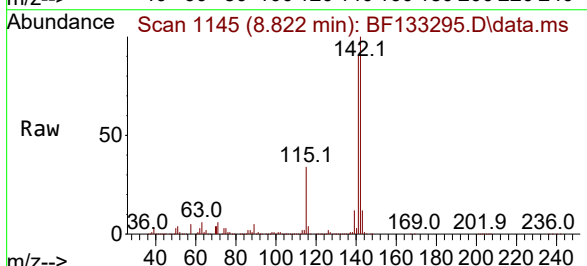
APPROVED

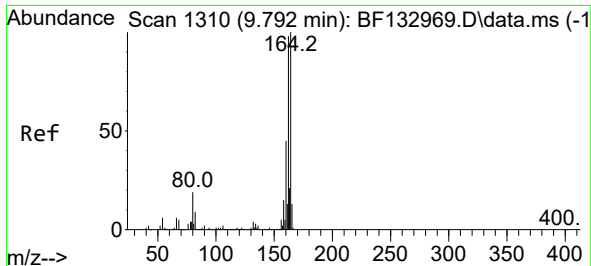
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#38
1-Methylnaphthalene
Concen: 41.427 ng
RT: 8.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

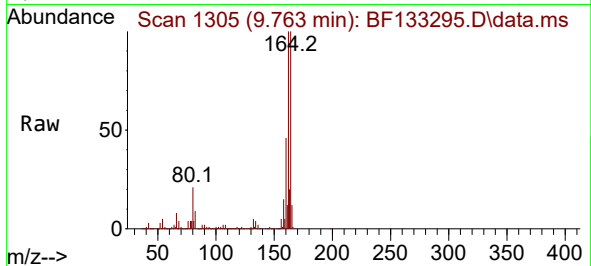
Tgt Ion:142 Resp: 1147134
Ion Ratio Lower Upper
142 100
141 91.4 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1105
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

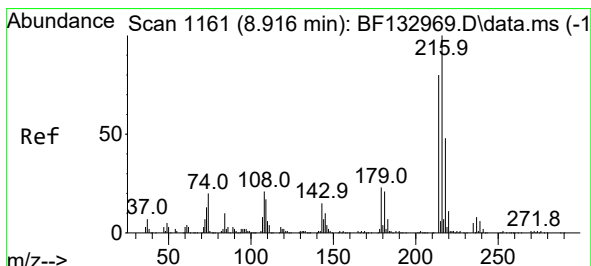
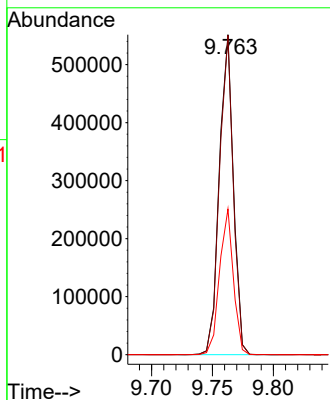
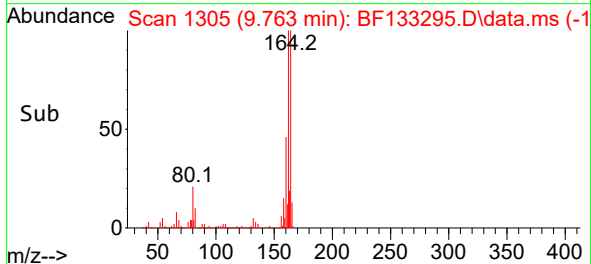
Instrument :
BNA_F
ClientSampleId :



Tgt Ion:164 Resp: 445450
Ion Ratio Lower Upper
164 100
162 99.8 78.7 118.1
160 45.5 35.8 53.6

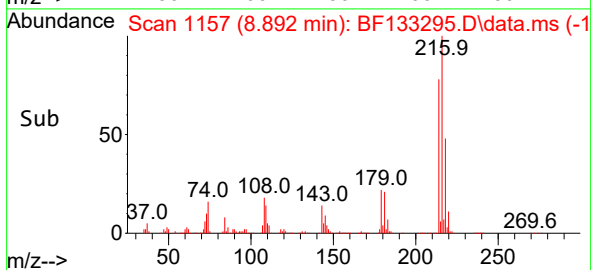
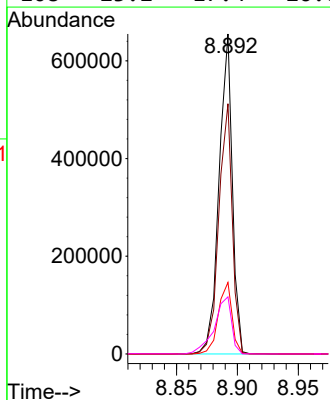
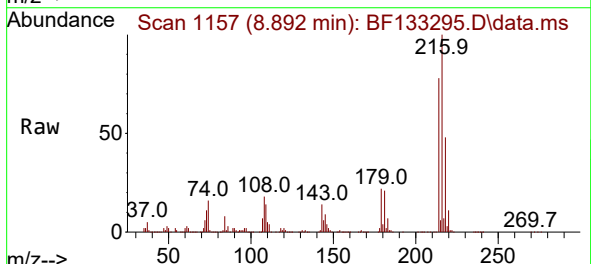
Manual Integrations
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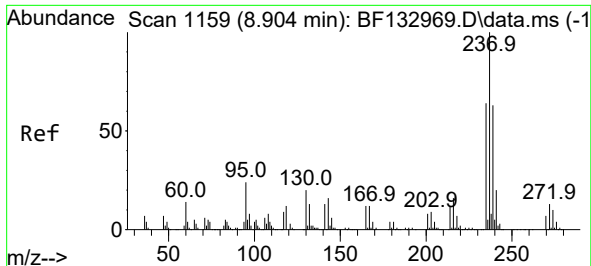
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.680 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

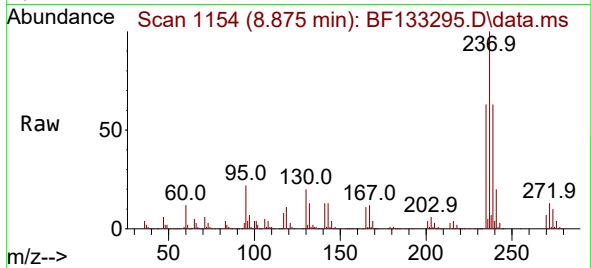
Tgt Ion:216 Resp: 499206
Ion Ratio Lower Upper
216 100
214 79.5 63.5 95.3
179 23.0 17.4 26.2
108 23.2 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 85.323 ng
RT: 8.875 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

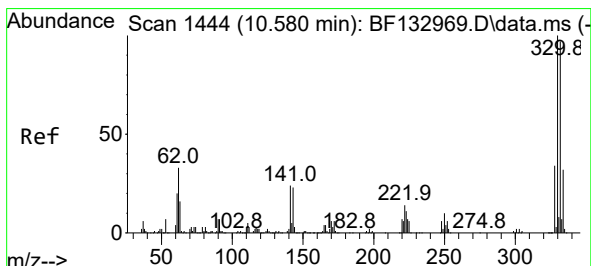
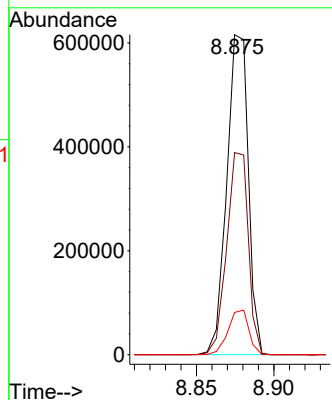
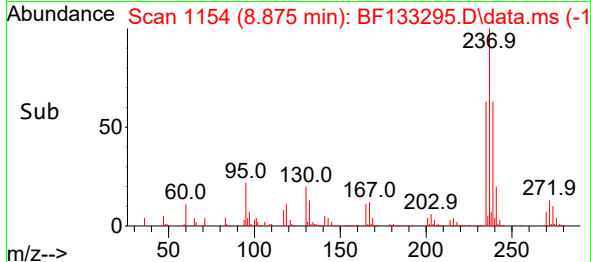
Instrument :
BNA_F
ClientSampleId :



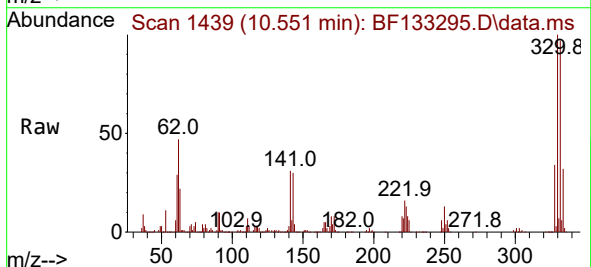
Tgt Ion: 237 Resp: 595980
Ion Ratio Lower Upper
237 100
235 63.2 43.5 83.5
272 13.2 0.0 32.7

Manual Integrations
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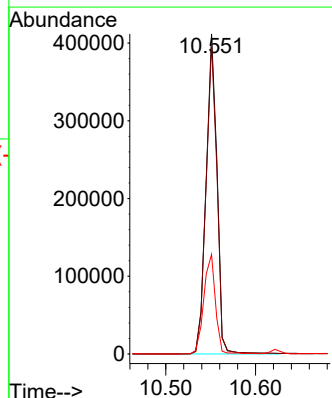
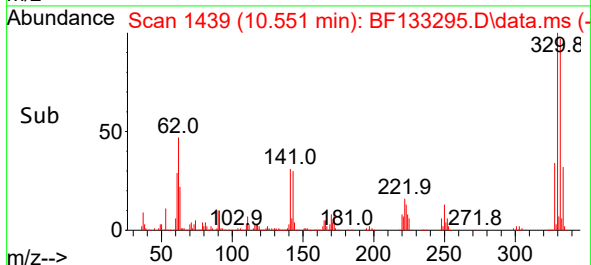
Reviewed By : Christian Giraldo 05/09/2023
Supervised By : Jagrut Upadhyay 05/09/2023

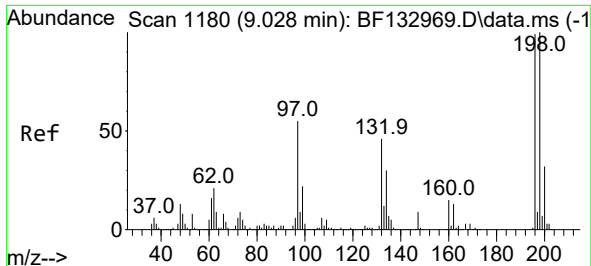


#42
2,4,6-Tribromophenol
Concen: 77.579 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21



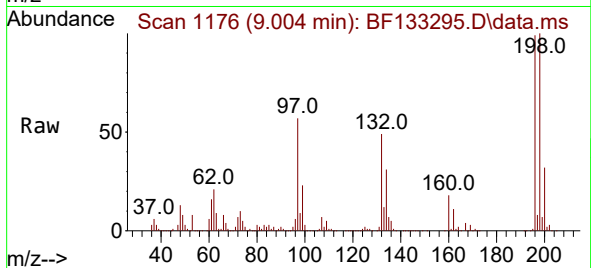
Tgt Ion: 330 Resp: 347547
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 33.3 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 42.672 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

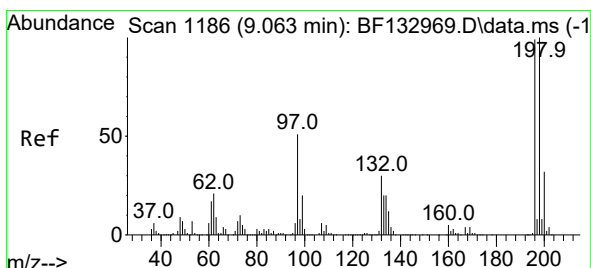
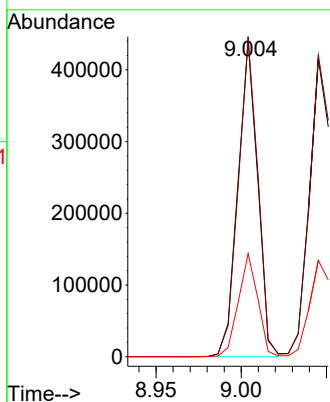
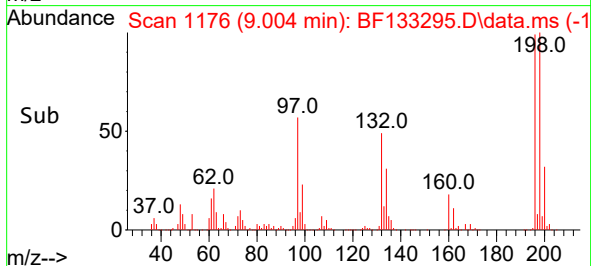
Instrument :
BNA_F
ClientSampleId :



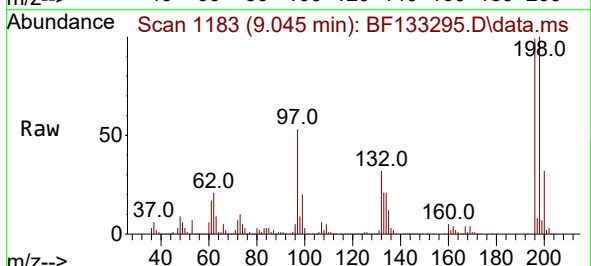
Tgt Ion:196 Resp: 353454
Ion Ratio Lower Upper
196 100
198 101.4 81.0 121.6
200 32.7 26.1 39.1

Manual Integrations
APPROVED

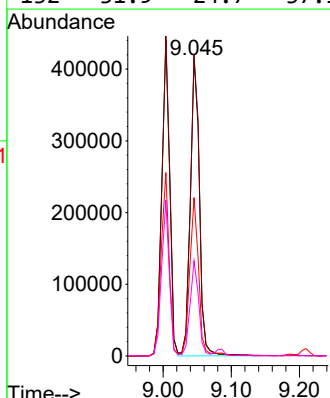
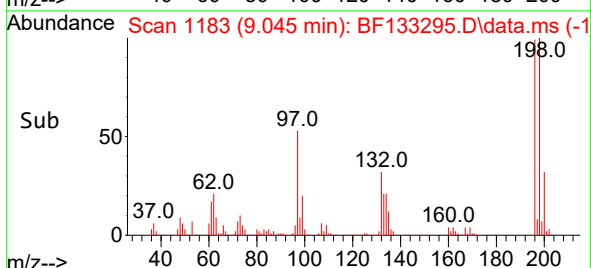
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

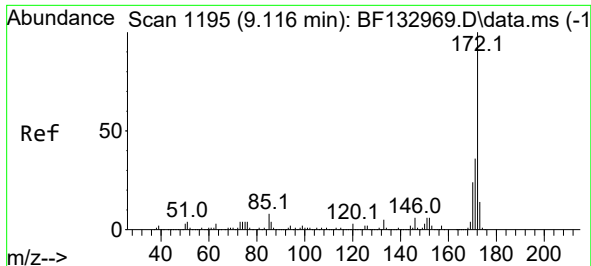


#44
2,4,5-Trichlorophenol
Concen: 40.030 ng
RT: 9.045 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21



Tgt Ion:196 Resp: 383469
Ion Ratio Lower Upper
196 100
198 101.3 80.9 121.3
97 53.3 41.3 61.9
132 31.9 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 57.306 ng

RT: 9.086 min Scan# 1195

Delta R.T. 0.000 min

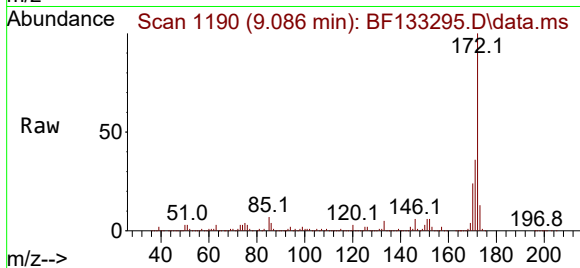
Lab File: BF133295.D

Acq: 08 May 2023 15:21

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:172 Resp: 152583

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

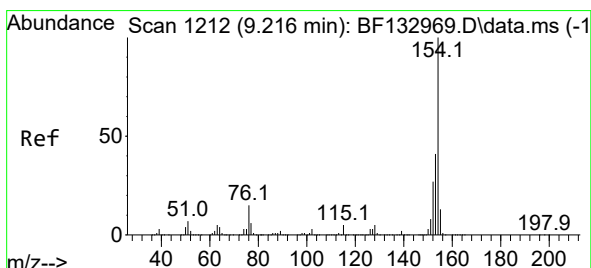
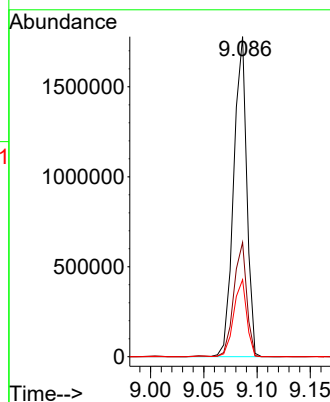
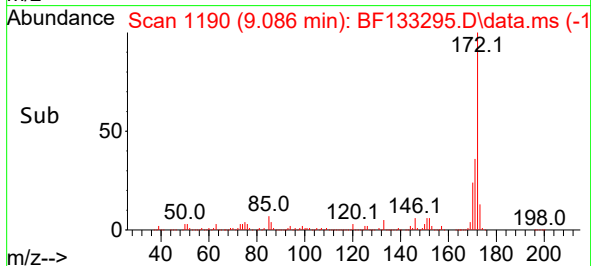
170 24.0 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/09/2023

Supervised By :Jagrut Upadhyay 05/09/2023



#46

1,1'-Biphenyl

Concen: 41.949 ng

RT: 9.186 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

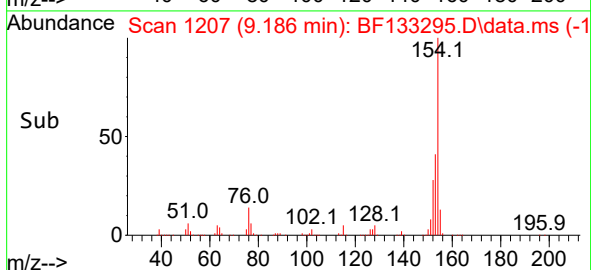
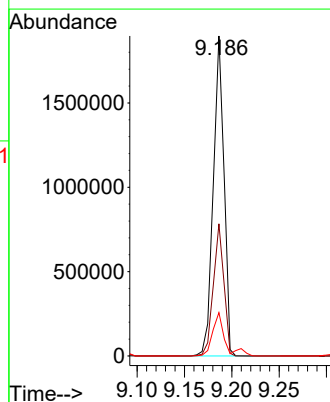
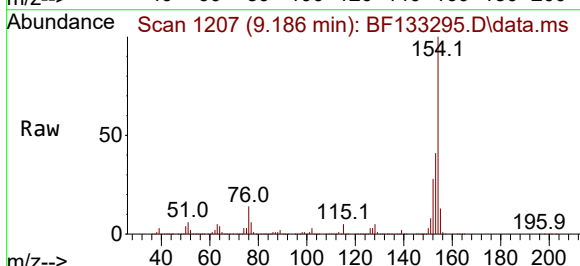
Tgt Ion:154 Resp: 1481744

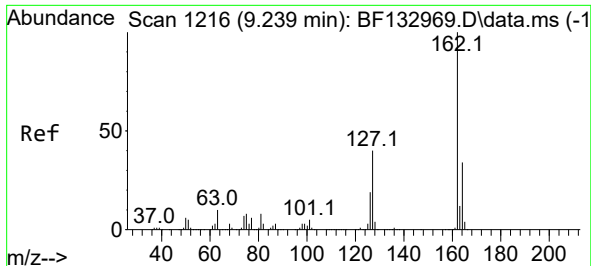
Ion Ratio Lower Upper

154 100

153 41.3 21.0 61.0

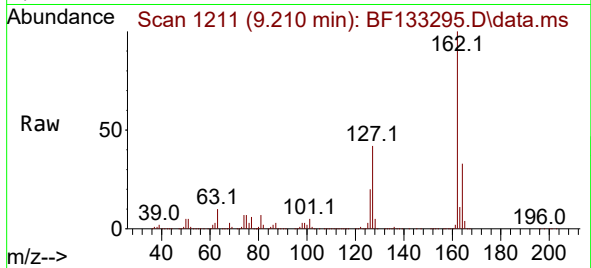
76 13.5 0.0 34.5





#47
2-Chloronaphthalene
Concen: 43.692 ng
RT: 9.210 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

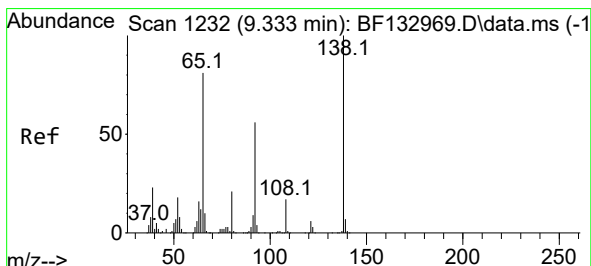
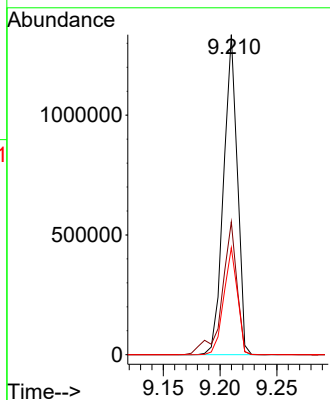
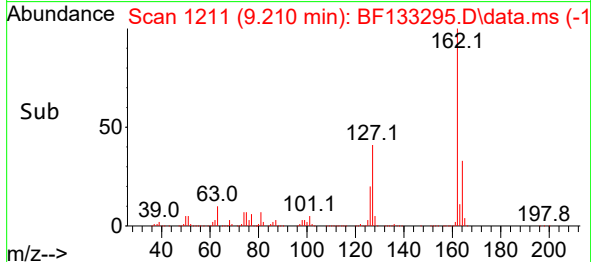
Instrument :
BNA_F
ClientSampleId :



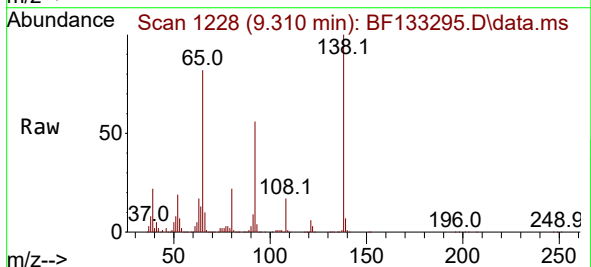
Tgt Ion:162 Resp: 1129604
Ion Ratio Lower Upper
162 100
127 41.5 32.3 48.5
164 33.4 26.8 40.2

Manual Integrations
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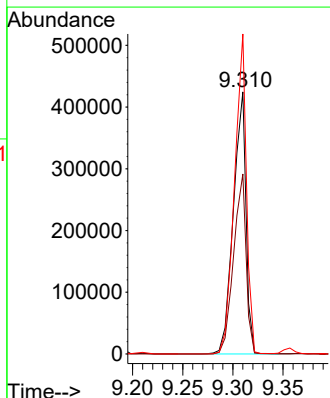
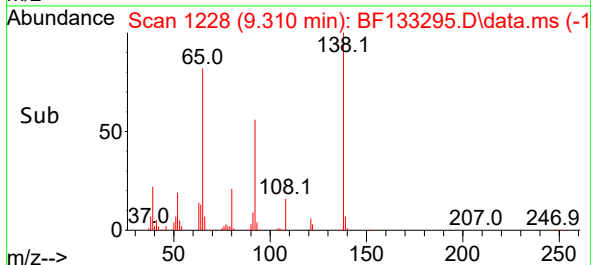
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

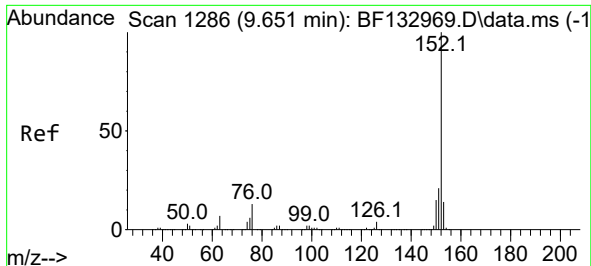


#48
2-Nitroaniline
Concen: 43.682 ng
RT: 9.310 min Scan# 1228
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21



Tgt Ion: 65 Resp: 373248
Ion Ratio Lower Upper
65 100
92 68.7 55.4 83.0
138 122.1 98.2 147.2





#49

Acenaphthylene

Concen: 42.292 ng

RT: 9.622 min Scan# 1286

Delta R.T. 0.000 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:152 Resp: 174711

Ion Ratio Lower Upper

152 100

151 20.7 16.6 24.8

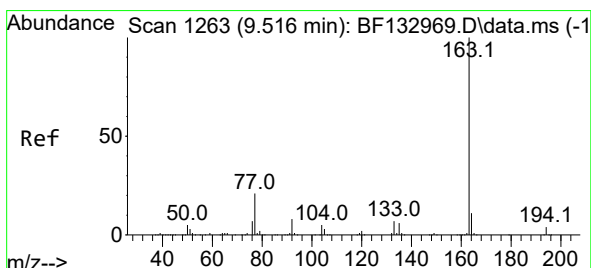
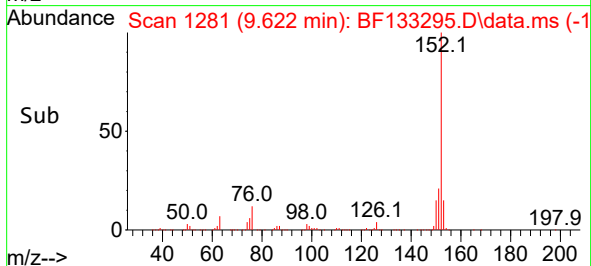
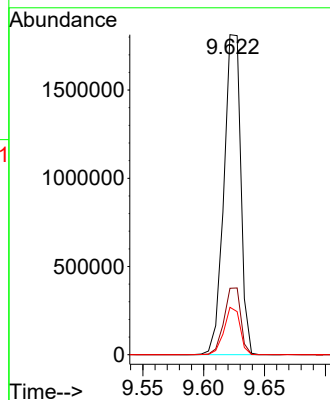
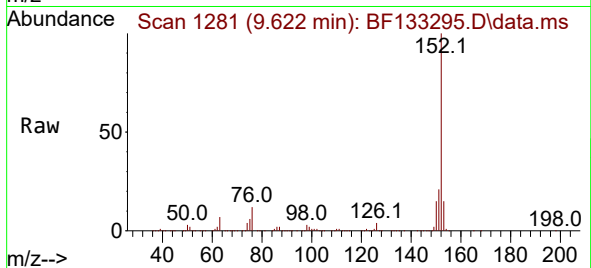
153 14.8 11.5 17.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/09/2023

Supervised By :Jagrut Upadhyay 05/09/2023



#50

Dimethylphthalate

Concen: 42.496 ng

RT: 9.492 min Scan# 1259

Delta R.T. 0.000 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

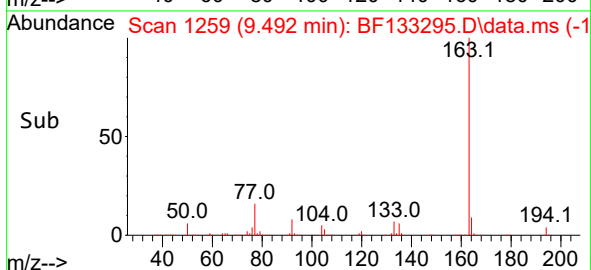
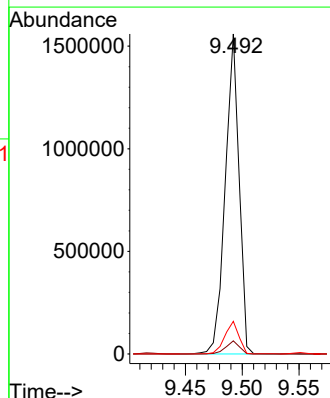
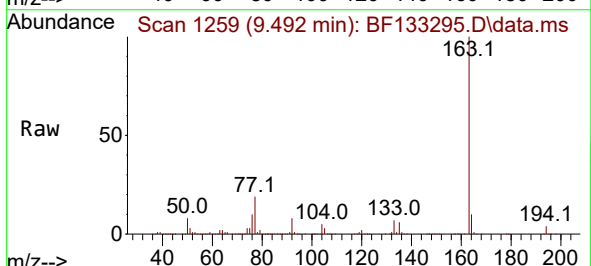
Tgt Ion:163 Resp: 1319975

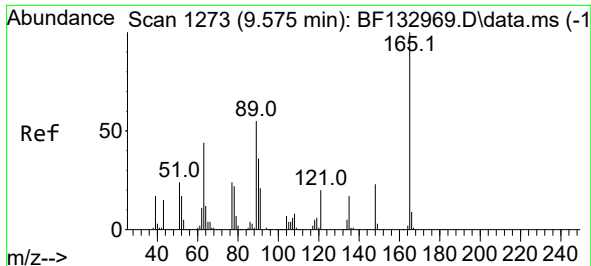
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

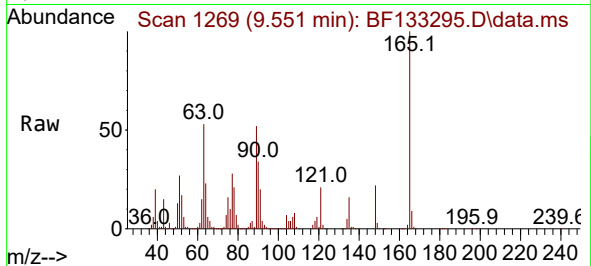
164 10.2 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 44.157 ng
RT: 9.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

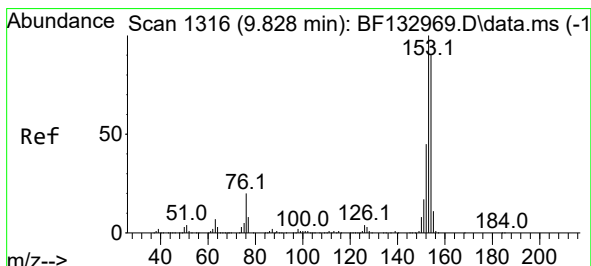
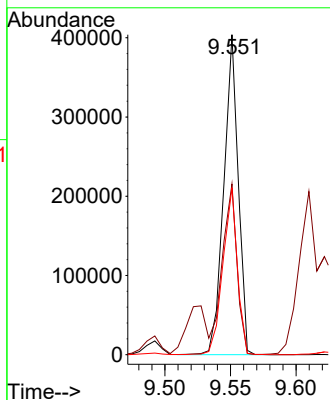
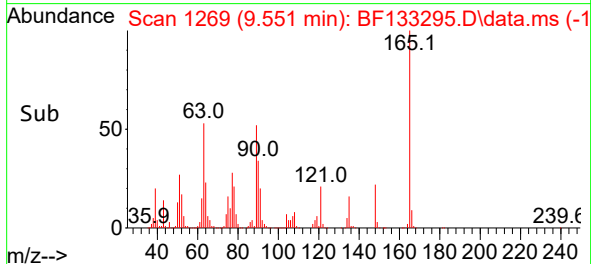
Instrument :
BNA_F
ClientSampleId :



Tgt Ion:165 Resp: 308698
Ion Ratio Lower Upper
165 100
63 53.4 45.9 68.9
89 52.2 44.0 66.0

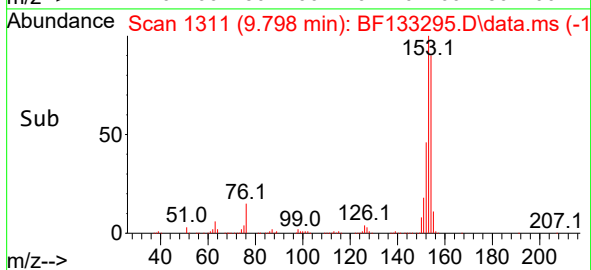
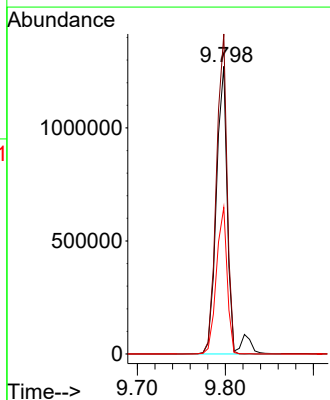
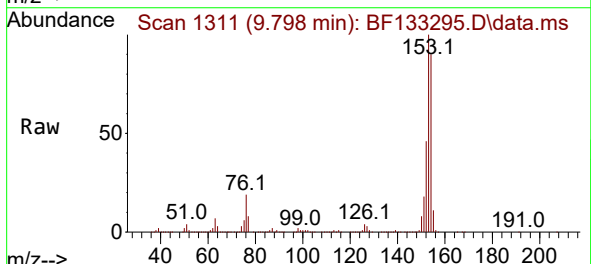
Manual Integrations
APPROVED

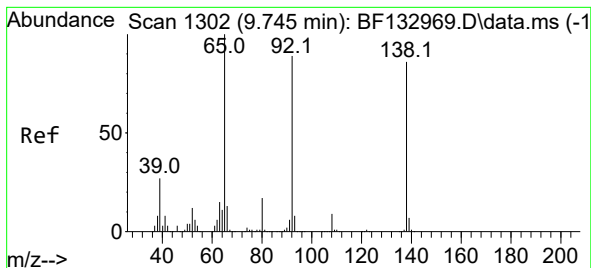
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#52
Acenaphthene
Concen: 41.480 ng m
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

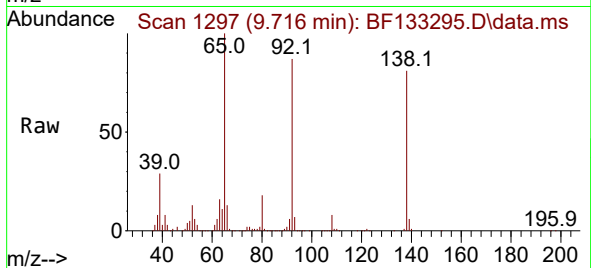
Tgt Ion:154 Resp: 1147675
Ion Ratio Lower Upper
154 100
153 111.3 89.0 133.6
152 51.0 40.4 60.6





#53
3-Nitroaniline
Concen: 28.430 ng
RT: 9.716 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

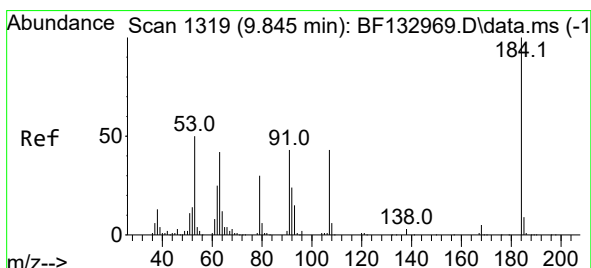
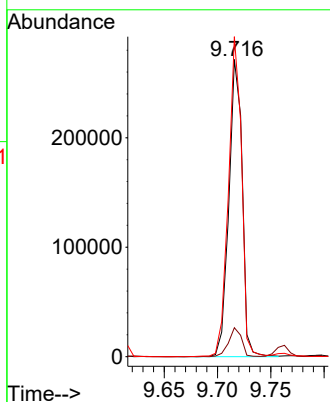
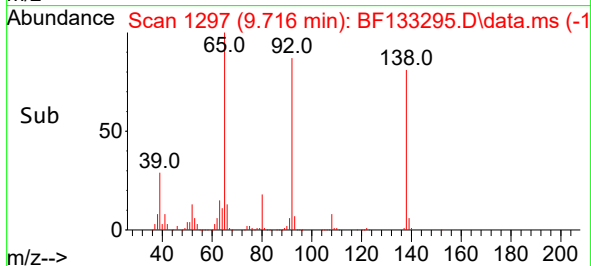
Instrument :
BNA_F
ClientSampleId :



Tgt Ion:138 Resp: 236320
Ion Ratio Lower Upper
138 100
108 9.8 8.0 12.0
92 107.7 83.6 125.4

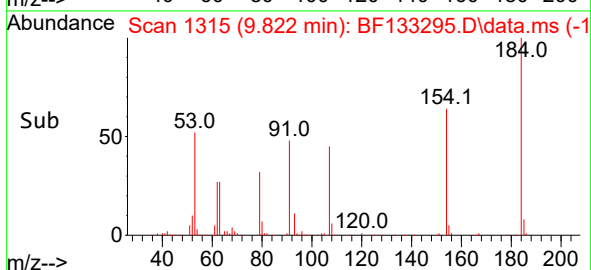
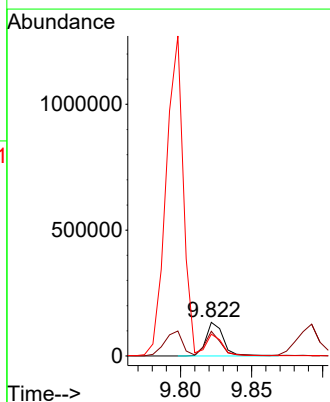
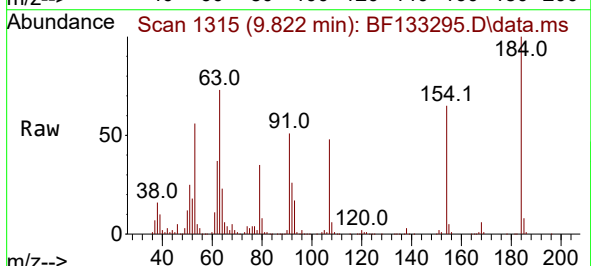
Manual Integrations
APPROVED

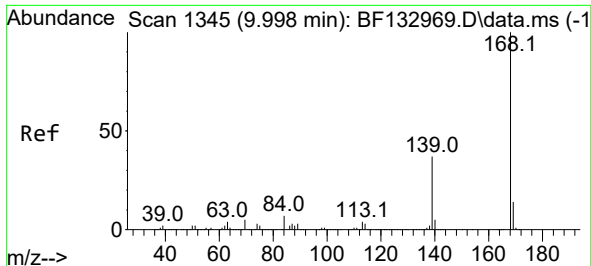
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#54
2,4-Dinitrophenol
Concen: 32.591 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

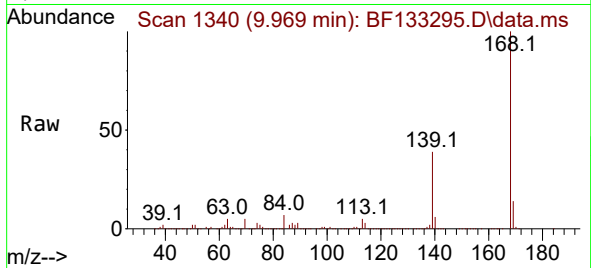
Tgt Ion:184 Resp: 114526
Ion Ratio Lower Upper
184 100
63 73.1 49.8 74.8
154 64.7 49.5 74.3





#55
Dibenzenofuran
Concen: 41.246 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

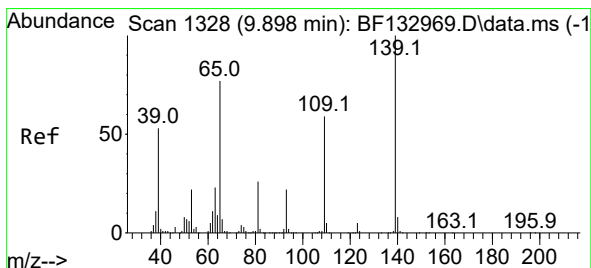
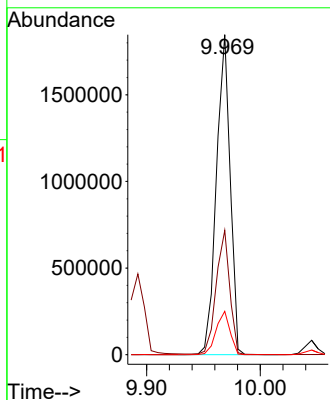
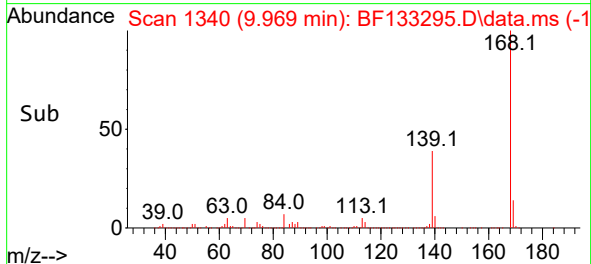
Instrument :
BNA_F
ClientSampleId :



Tgt Ion:168 Resp: 1556674
Ion Ratio Lower Upper
168 100
139 38.8 29.8 44.8
169 13.5 10.8 16.2

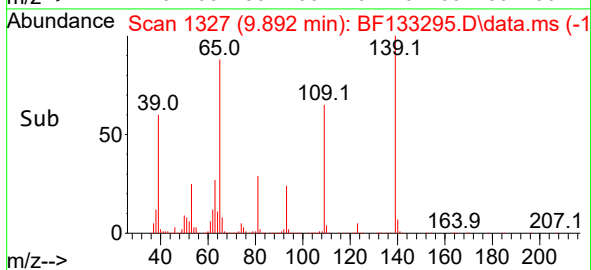
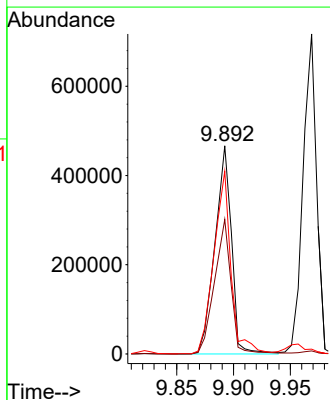
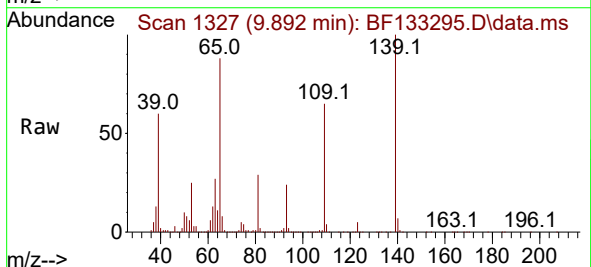
Manual Integrations
APPROVED

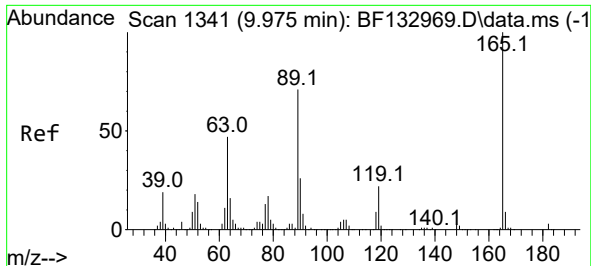
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#56
4-Nitrophenol
Concen: 73.698 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

Tgt Ion:139 Resp: 474475
Ion Ratio Lower Upper
139 100
109 64.7 39.4 79.4
65 87.8 57.5 97.5



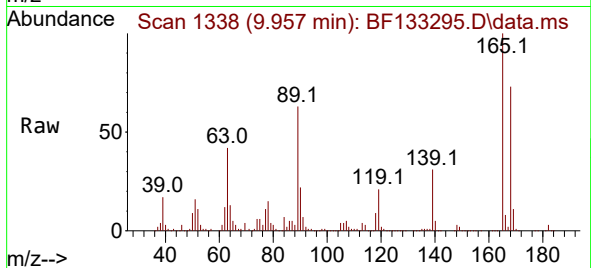


#57
2,4-Dinitrotoluene
Concen: 44.776 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

Instrument :

BNA_F

ClientSampleId :

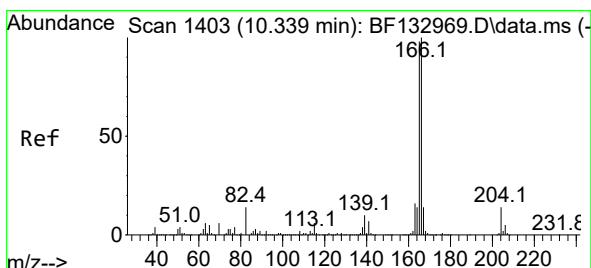
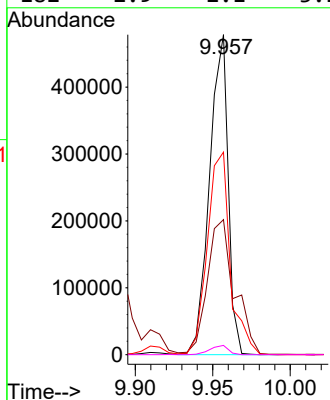
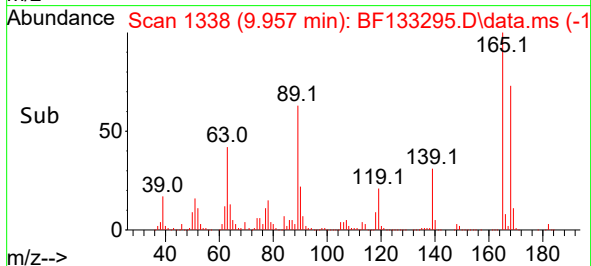


Tgt Ion:165 Resp: 399190
Ion Ratio Lower Upper
165 100
63 42.2 37.7 56.5
89 63.3 57.0 85.4
182 2.9 2.1 3.1

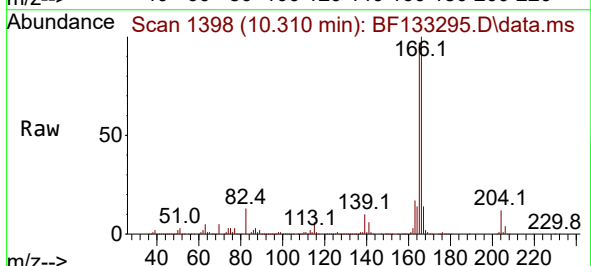
Manual Integrations

APPROVED

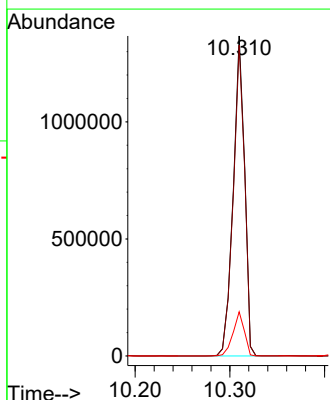
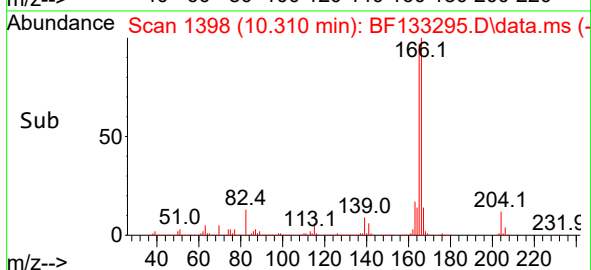
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

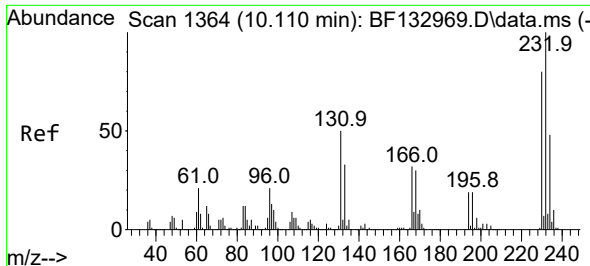


#58
Fluorene
Concen: 41.181 ng
RT: 10.310 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21



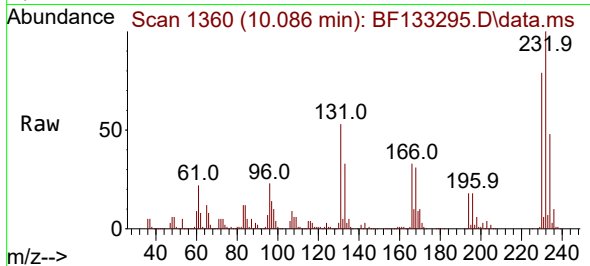
Tgt Ion:166 Resp: 1138684
Ion Ratio Lower Upper
166 100
165 97.1 78.6 117.8
167 13.8 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 37.401 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

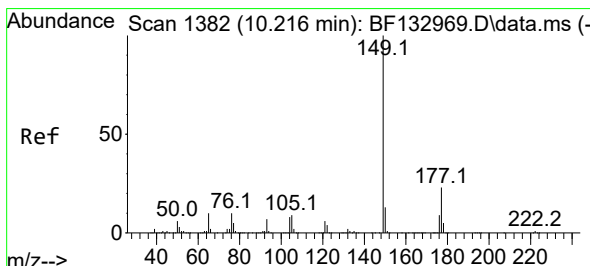
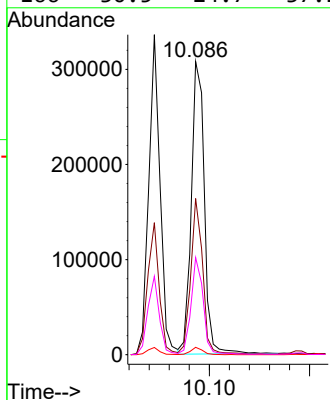
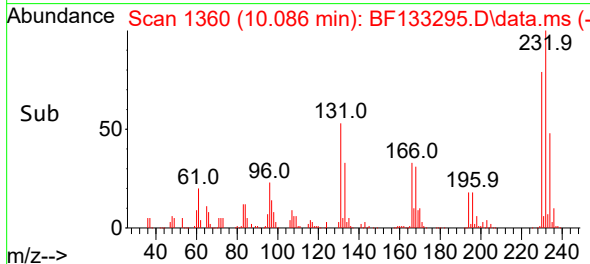
Instrument :
BNA_F
ClientSampleId :



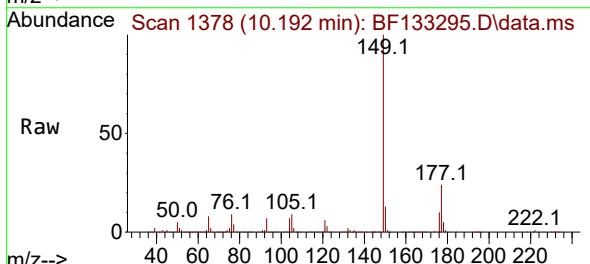
Tgt Ion:232 Resp: 277764
Ion Ratio Lower Upper
232 100
131 48.5 38.0 57.0
130 2.3 1.8 2.8
166 30.5 24.7 37.1

Manual Integrations
APPROVED

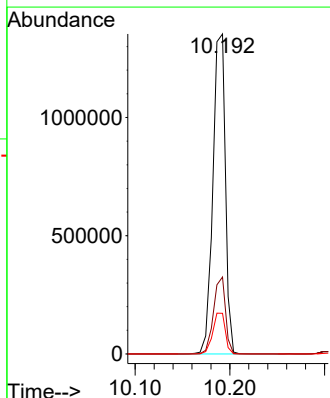
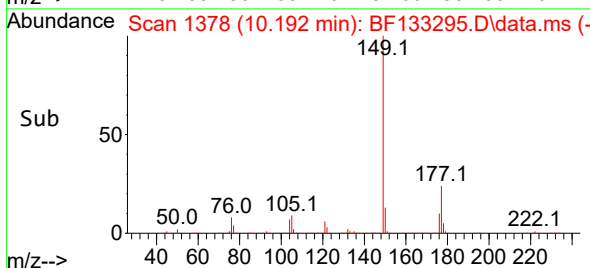
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

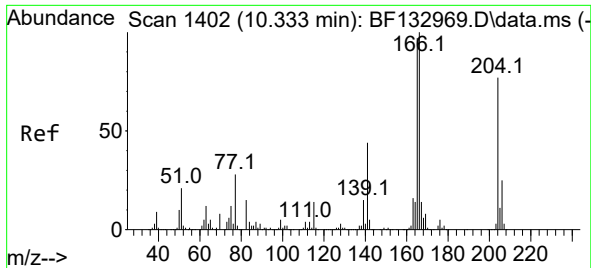


#60
Diethylphthalate
Concen: 42.211 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21



Tgt Ion:149 Resp: 1238415
Ion Ratio Lower Upper
149 100
177 24.0 18.2 27.4
150 12.7 10.2 15.4



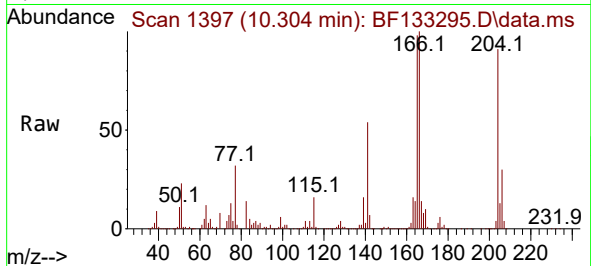


#61
4-Chlorophenyl-phenylether
Concen: 40.520 ng
RT: 10.304 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

Instrument :

BNA_F

ClientSampleId :

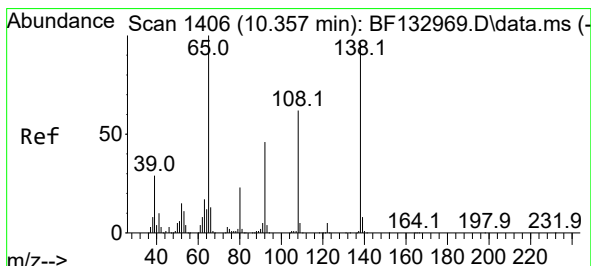
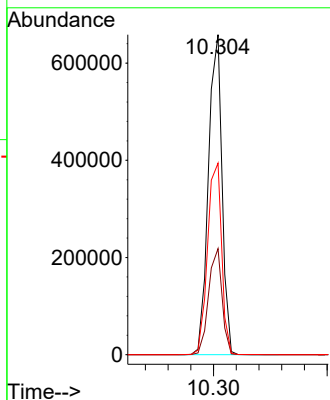
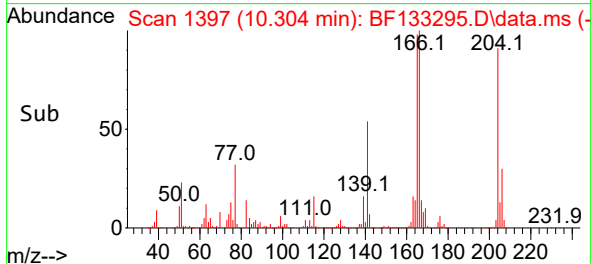


Tgt Ion:204 Resp: 545990
Ion Ratio Lower Upper
204 100
206 33.2 26.1 39.1
141 59.8 46.1 69.1

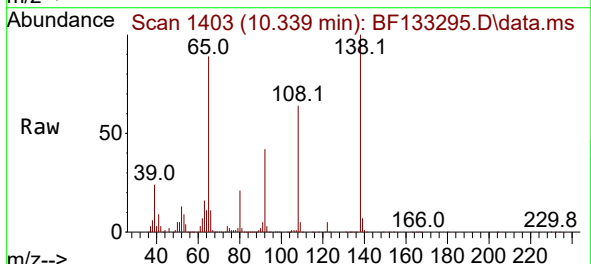
Manual Integrations

APPROVED

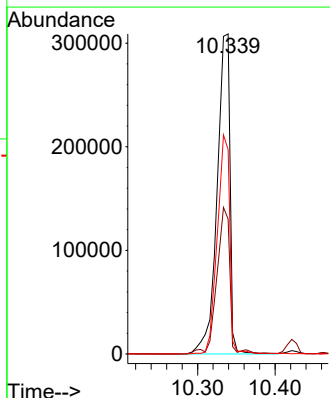
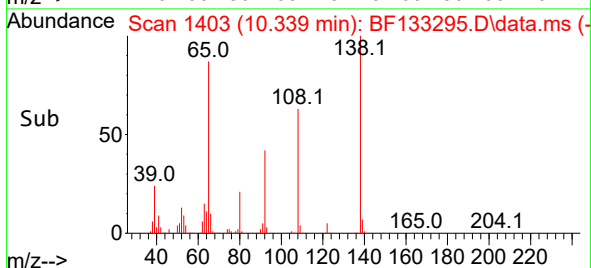
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

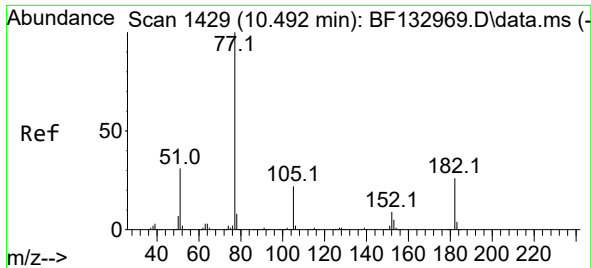


#62
4-Nitroaniline
Concen: 46.935 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21



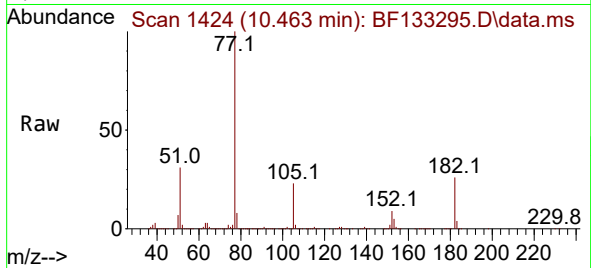
Tgt Ion:138 Resp: 358580
Ion Ratio Lower Upper
138 100
92 42.1 27.7 67.7
108 63.8 45.2 85.2





#63
Azobenzene
Concen: 41.292 ng
RT: 10.463 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

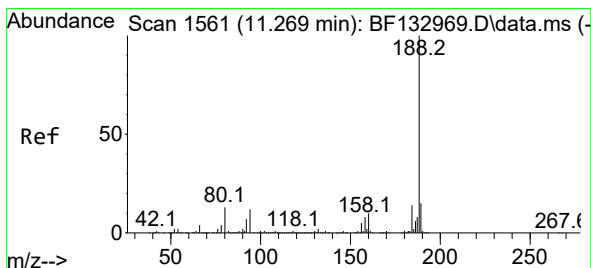
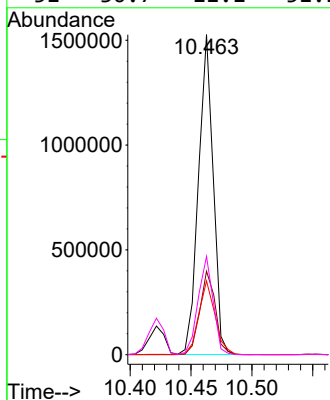
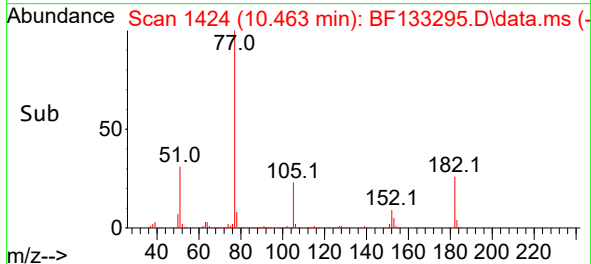
Instrument :
BNA_F
ClientSampleId :



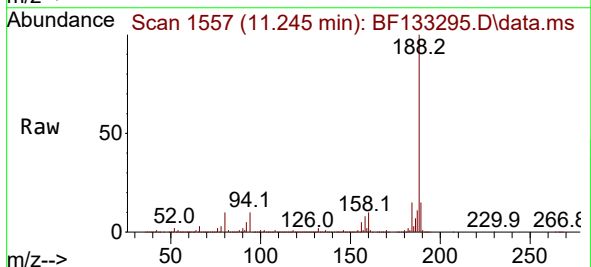
Tgt Ion: 77 Resp: 128335
Ion Ratio Lower Upper
77 100
182 26.1 5.9 45.9
105 23.0 2.3 42.3
51 30.7 11.1 51.1

Manual Integrations
APPROVED

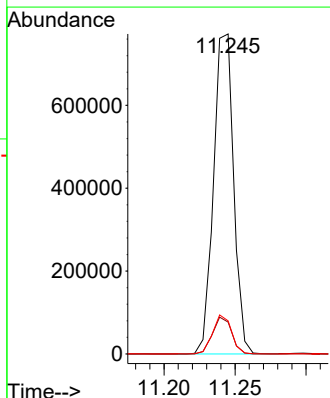
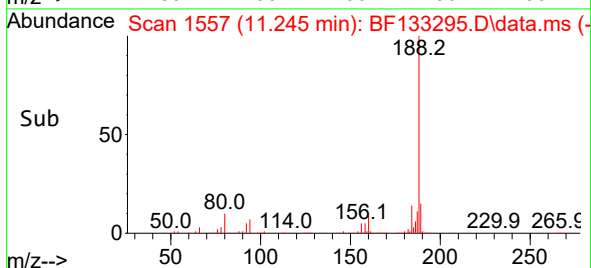
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

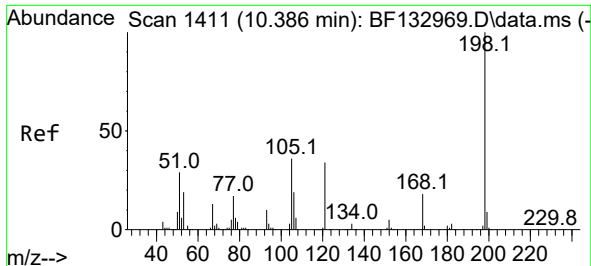


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21



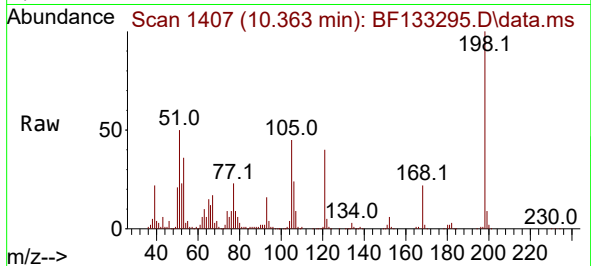
Tgt Ion:188 Resp: 759099
Ion Ratio Lower Upper
188 100
94 10.0 9.7 14.5
80 10.3 10.4 15.6#





#65
4,6-Dinitro-2-methylphenol
Concen: 29.217 ng
RT: 10.363 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

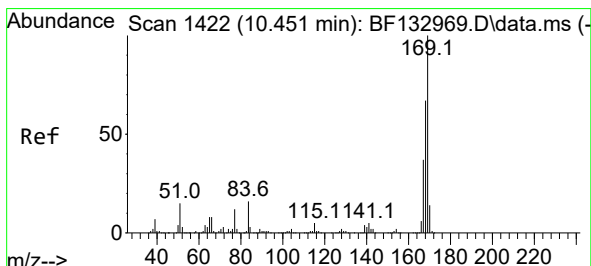
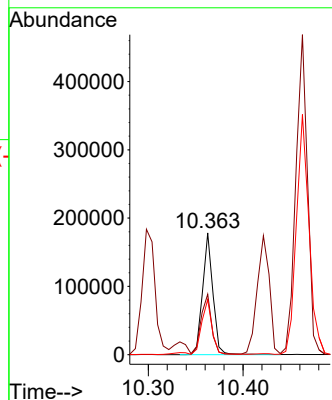
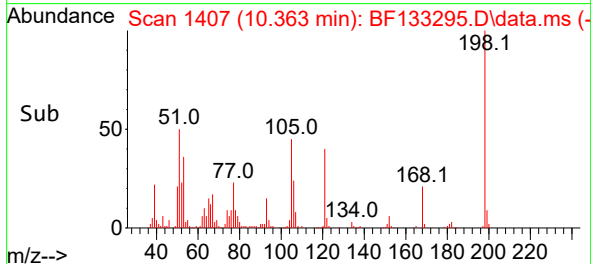
Instrument :
BNA_F
ClientSampleId :



Tgt Ion:198 Resp: 13443
Ion Ratio Lower Upper
198 100
51 49.7 15.5 55.5
105 45.2 16.7 56.7

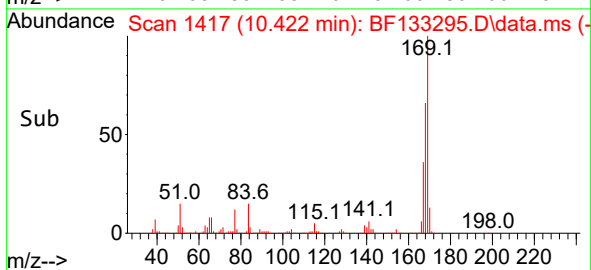
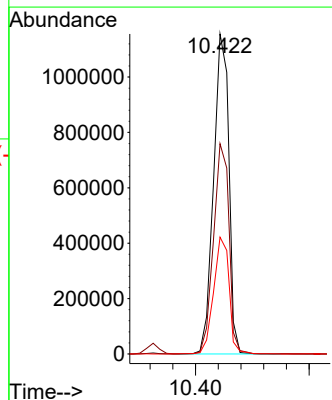
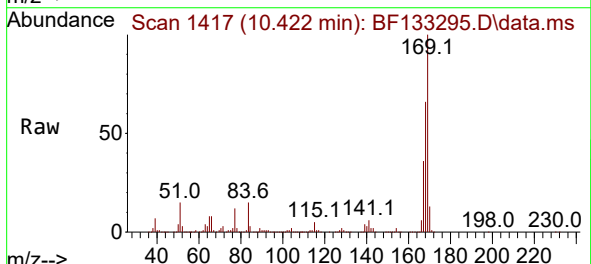
Manual Integrations
APPROVED

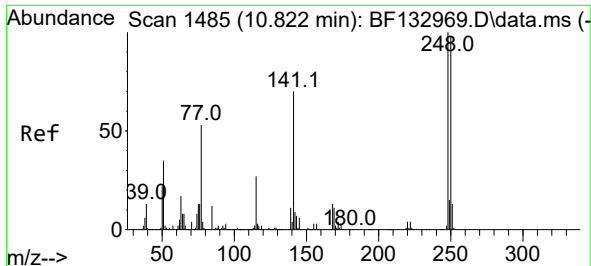
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#66
n-Nitrosodiphenylamine
Concen: 43.732 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

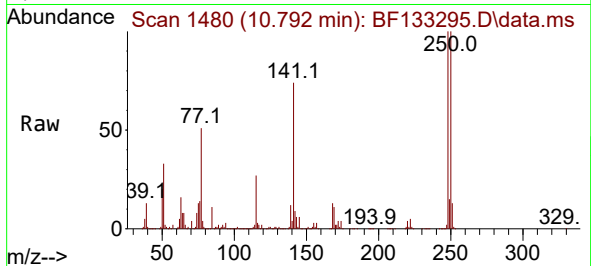
Tgt Ion:169 Resp: 1076818
Ion Ratio Lower Upper
169 100
168 65.7 53.8 80.8
167 36.5 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 42.745 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

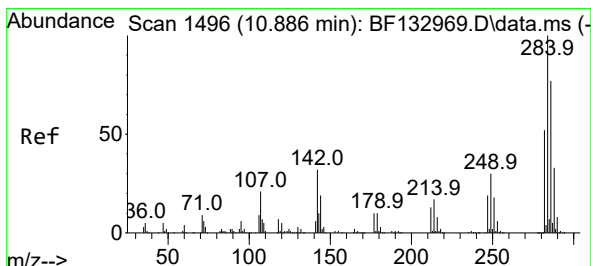
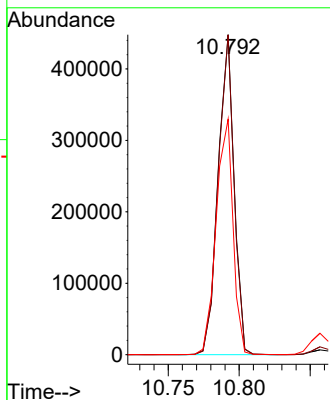
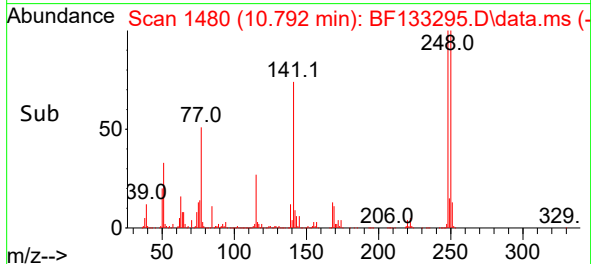
Instrument :
BNA_F
ClientSampleId :



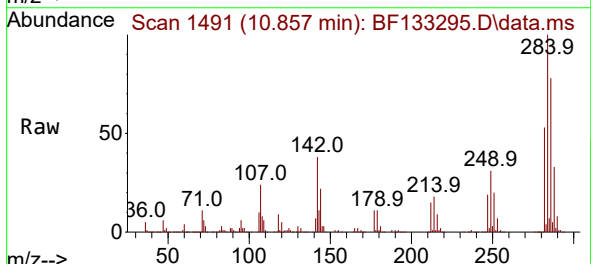
Tgt Ion:248 Resp: 351914
Ion Ratio Lower Upper
248 100
250 99.9 78.7 118.1
141 73.6 56.3 84.5

Manual Integrations
APPROVED

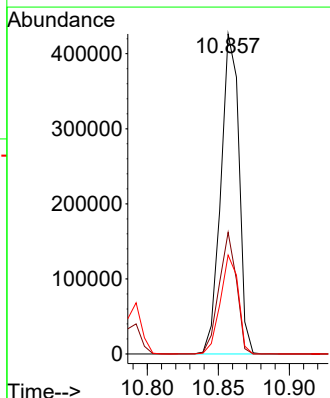
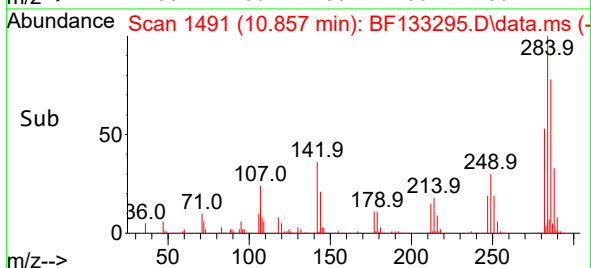
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

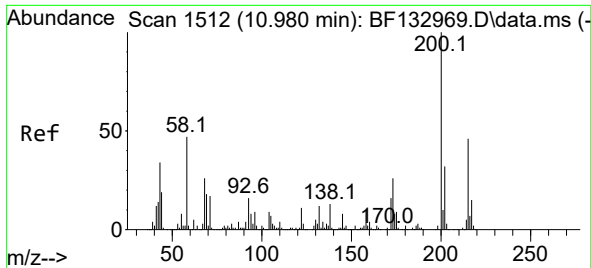


#68
Hexachlorobenzene
Concen: 44.779 ng
RT: 10.857 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21



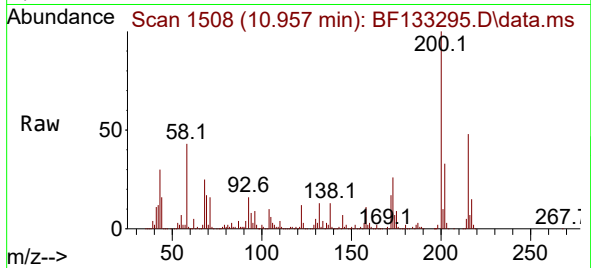
Tgt Ion:284 Resp: 377758
Ion Ratio Lower Upper
284 100
142 38.0 26.0 39.0
249 30.9 23.7 35.5





#69
 Atrazine
 Concen: 52.393 ng
 RT: 10.957 min Scan# 1508
 Delta R.T. 0.006 min
 Lab File: BF133295.D
 Acq: 08 May 2023 15:21

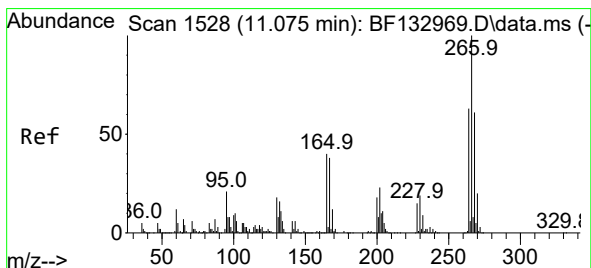
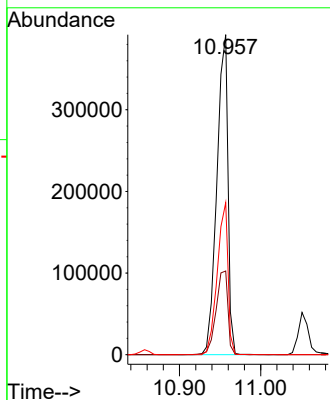
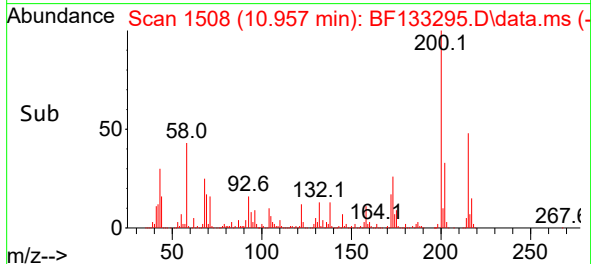
Instrument :
 BNA_F
 ClientSampleId :



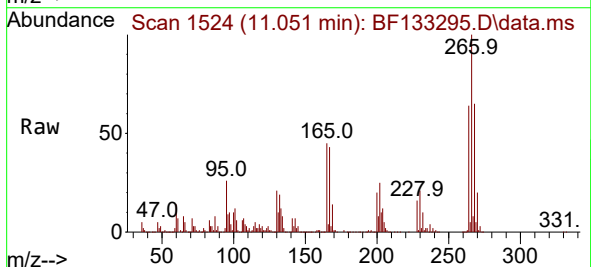
Tgt Ion:200 Resp: 37173
 Ion Ratio Lower Upper
 200 100
 173 26.2 6.2 46.2
 215 47.5 26.3 66.3

Manual Integrations
 APPROVED

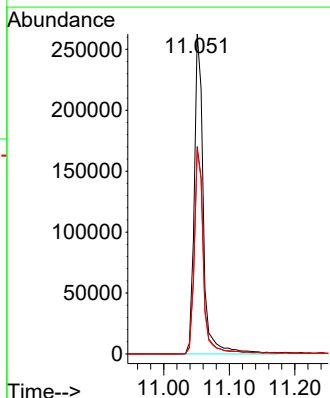
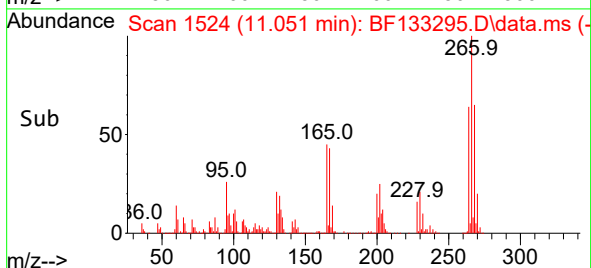
Reviewed By :Christian Giraldo 05/09/2023
 Supervised By :Jagrut Upadhyay 05/09/2023

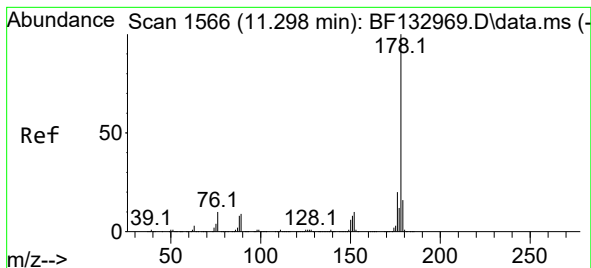


#70
 Pentachlorophenol
 Concen: 42.099 ng
 RT: 11.051 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: BF133295.D
 Acq: 08 May 2023 15:21



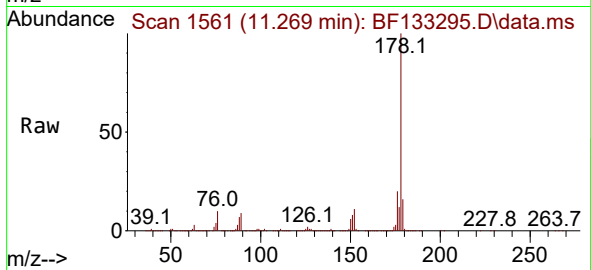
Tgt Ion:266 Resp: 252936
 Ion Ratio Lower Upper
 266 100
 268 64.8 48.8 73.2
 264 63.8 50.6 76.0





#71
Phenanthrene
Concen: 43.304 ng
RT: 11.269 min Scan# 11269
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

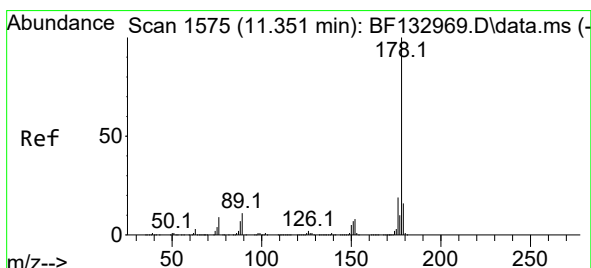
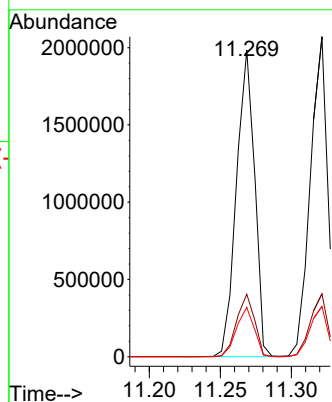
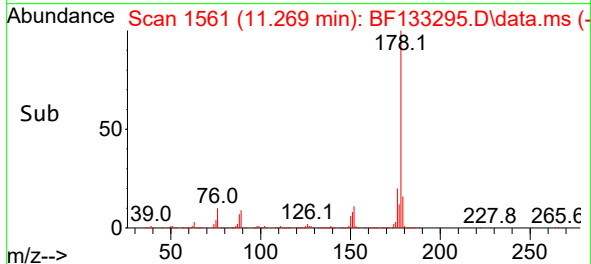
Instrument :
BNA_F
ClientSampleId :



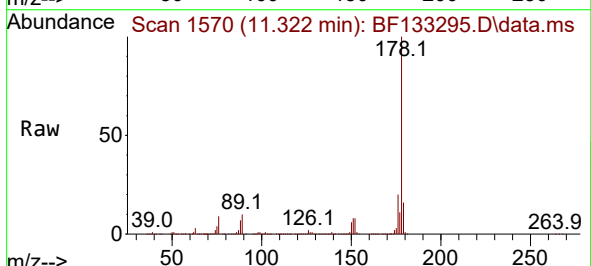
Tgt Ion:178 Resp: 176676
Ion Ratio Lower Upper
178 100
176 20.4 15.9 23.9
179 16.1 12.5 18.7

Manual Integrations
APPROVED

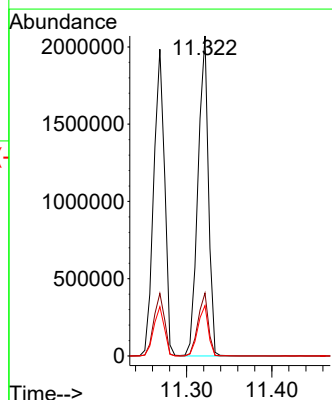
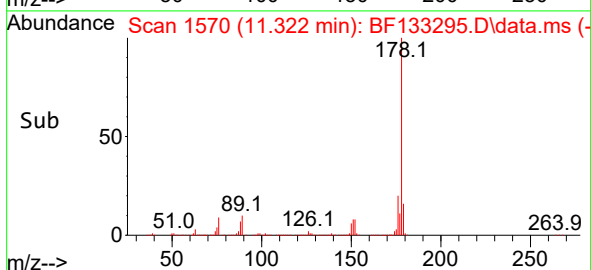
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

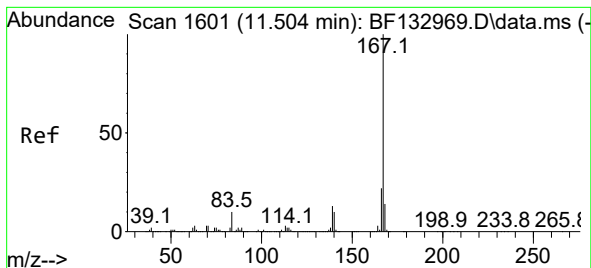


#72
Anthracene
Concen: 42.276 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21



Tgt Ion:178 Resp: 1765169
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 15.7 12.4 18.6





#73

Carbazole

Concen: 44.552 ng

RT: 11.474 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:167 Resp: 165639

Ion Ratio Lower Upper

167 100

166 22.0 17.4 26.0

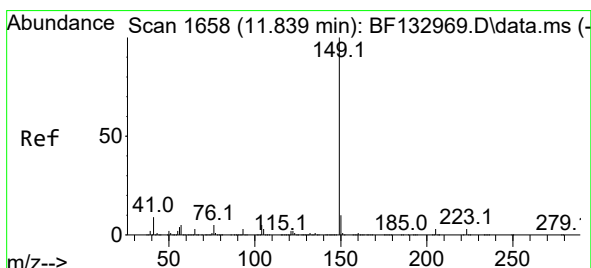
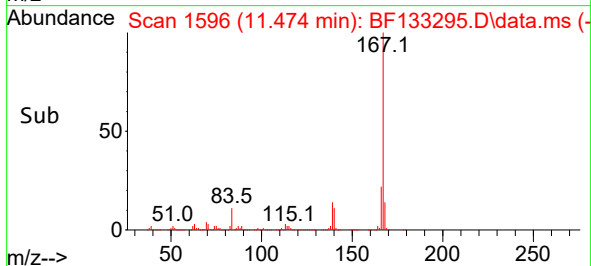
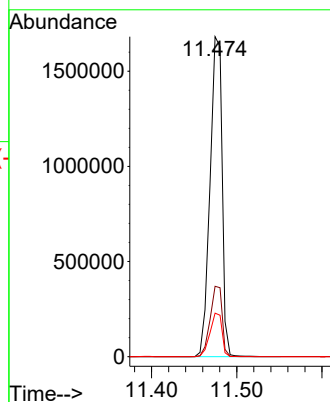
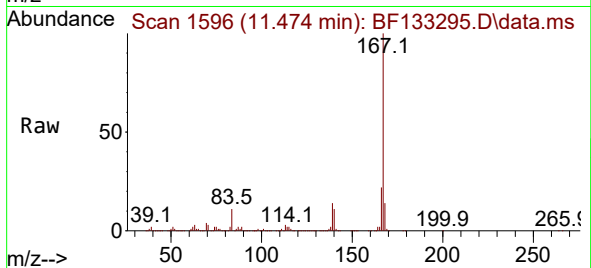
139 13.6 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/09/2023

Supervised By :Jagrut Upadhyay 05/09/2023



#74

Di-n-butylphthalate

Concen: 46.065 ng

RT: 11.810 min Scan# 1653

Delta R.T. 0.000 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

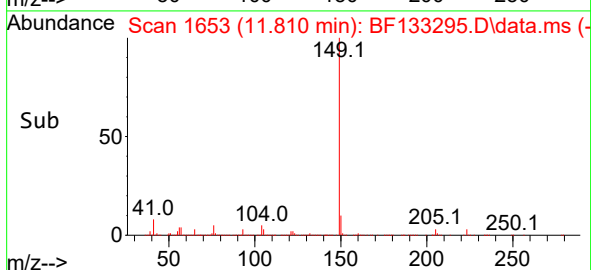
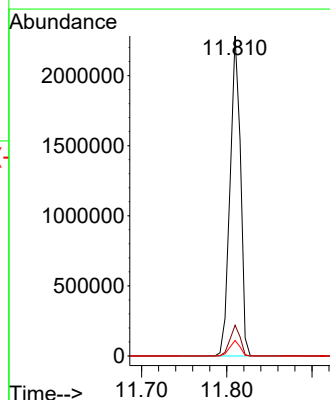
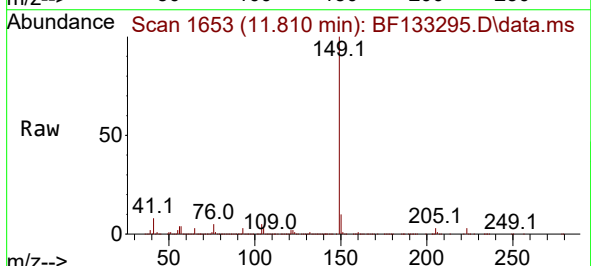
Tgt Ion:149 Resp: 1938120

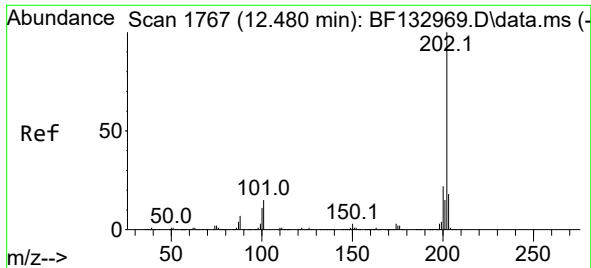
Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

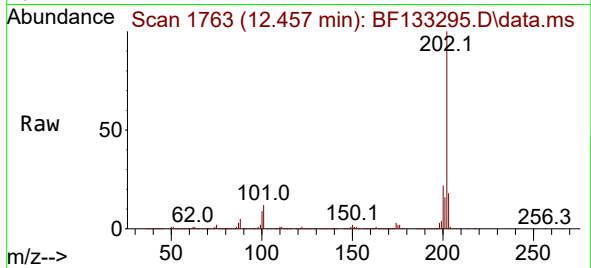
104 4.9 4.0 6.0





#75
Fluoranthene
Concen: 42.881 ng
RT: 12.457 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

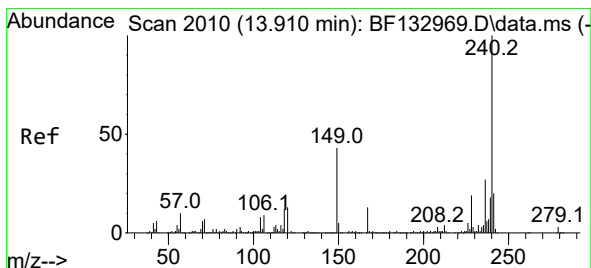
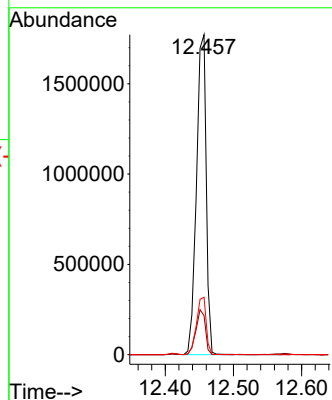
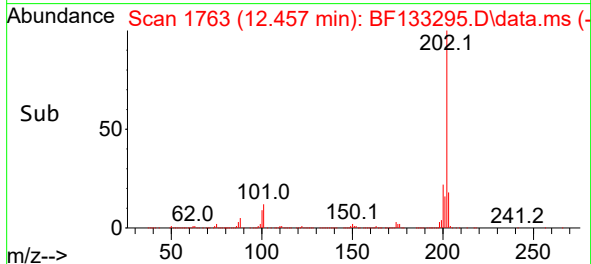
Instrument :
BNA_F
ClientSampleId :



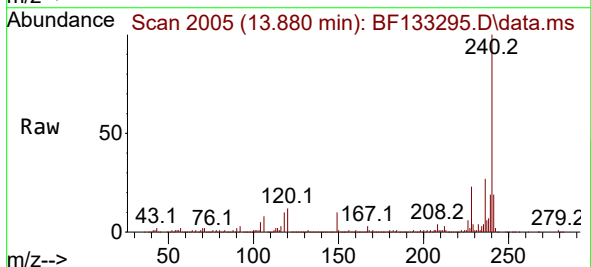
Tgt Ion:202 Resp: 175583
Ion Ratio Lower Upper
202 100
101 12.2 0.0 35.3
203 17.9 0.0 38.1

Manual Integrations
APPROVED

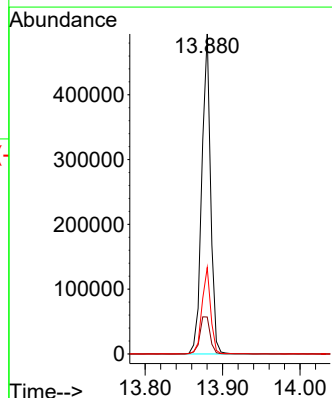
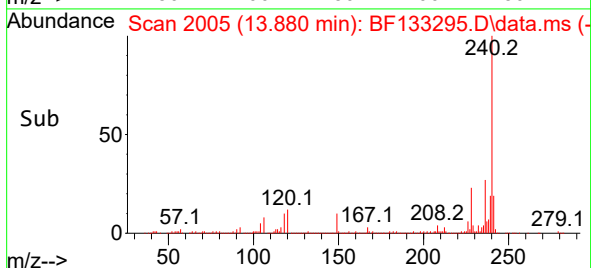
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

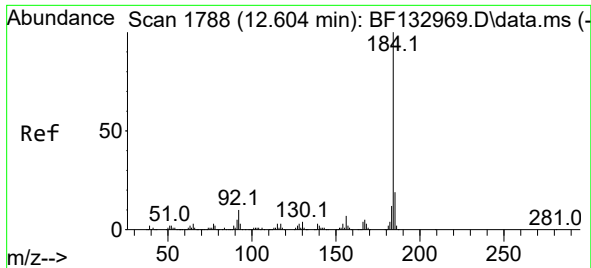


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21



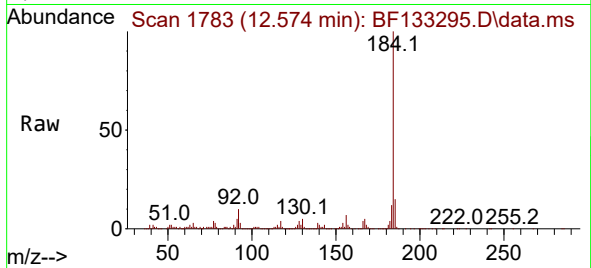
Tgt Ion:240 Resp: 390034
Ion Ratio Lower Upper
240 100
120 11.6 10.5 15.7
236 27.0 21.5 32.3





#77
Benzidine
Concen: 133.385 ng
RT: 12.574 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

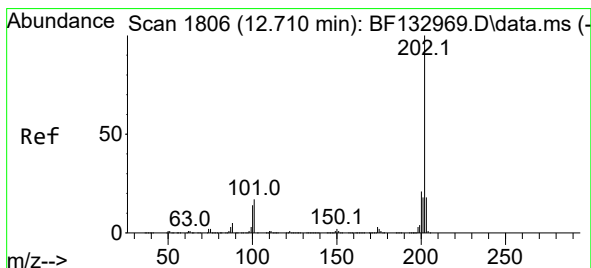
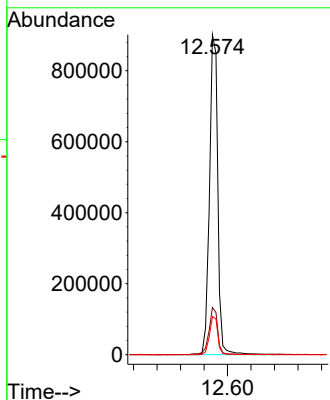
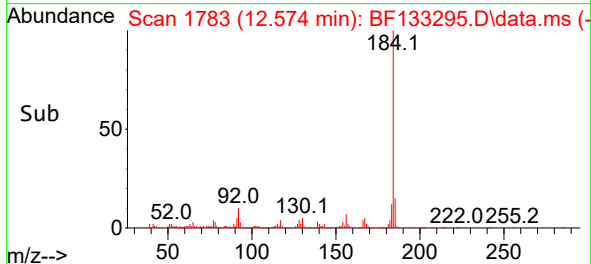
Instrument :
BNA_F
ClientSampleId :



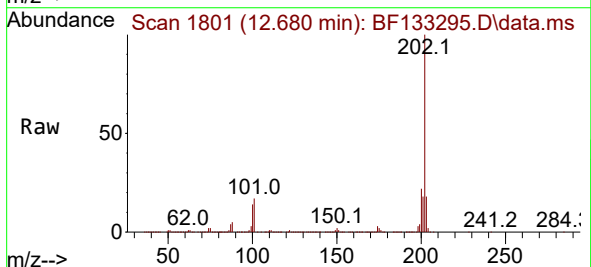
Tgt Ion:184 Resp: 879768
Ion Ratio Lower Upper
184 100
185 14.7 15.4 23.2
183 11.9 9.4 14.0

Manual Integrations
APPROVED

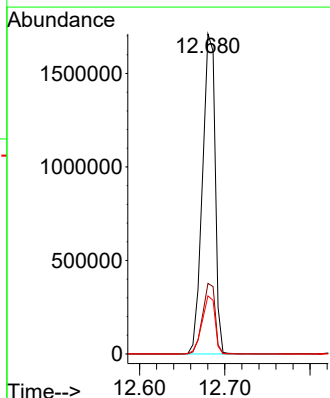
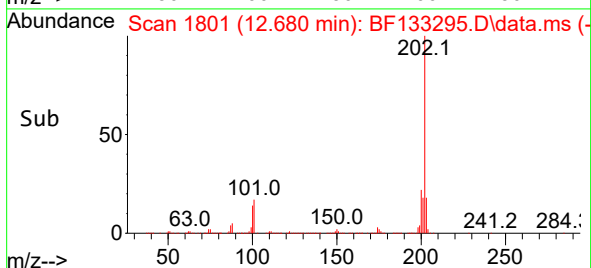
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

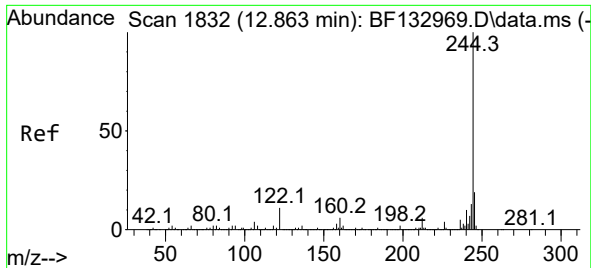


#78
Pyrene
Concen: 52.867 ng
RT: 12.680 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21



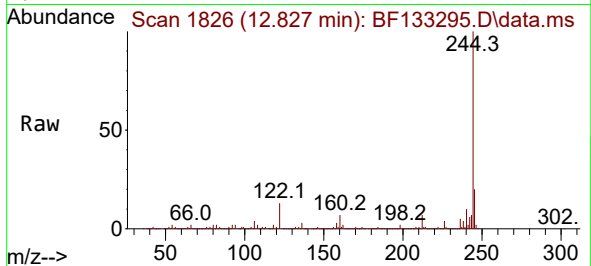
Tgt Ion:202 Resp: 1767598
Ion Ratio Lower Upper
202 100
200 22.1 17.1 25.7
203 18.2 14.1 21.1





#79
 Terphenyl-d14
 Concen: 71.680 ng
 RT: 12.827 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133295.D
 Acq: 08 May 2023 15:21

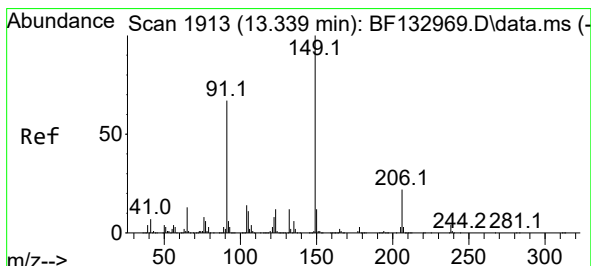
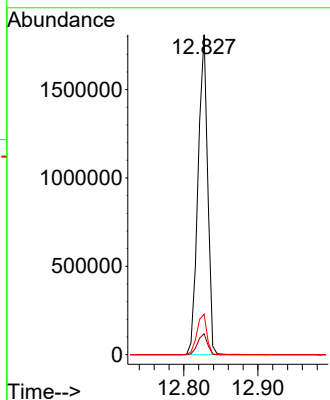
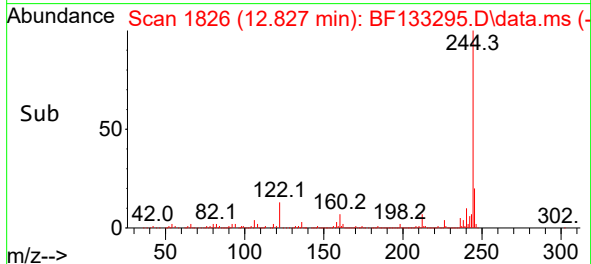
Instrument :
 BNA_F
 ClientSampleId :



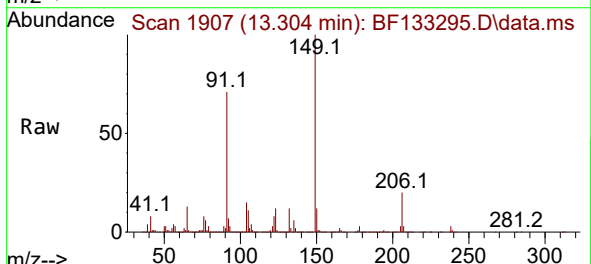
Tgt Ion:244 Resp: 162105
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 12.7 8.6 13.0

Manual Integrations
 APPROVED

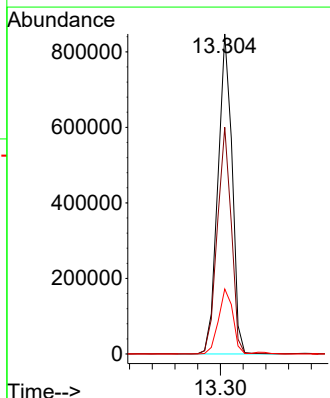
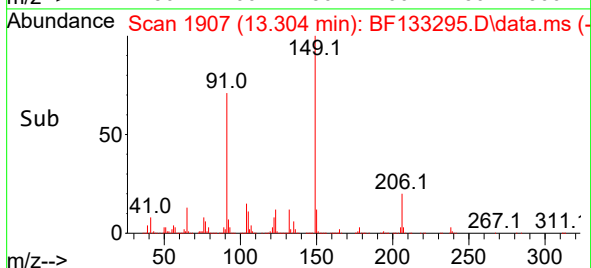
Reviewed By :Christian Giraldo 05/09/2023
 Supervised By :Jagrut Upadhyay 05/09/2023

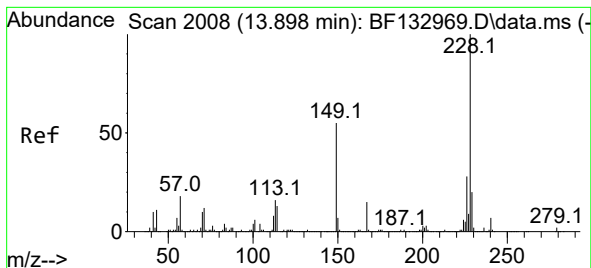


#80
 Butylbenzylphthalate
 Concen: 62.206 ng
 RT: 13.304 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: BF133295.D
 Acq: 08 May 2023 15:21



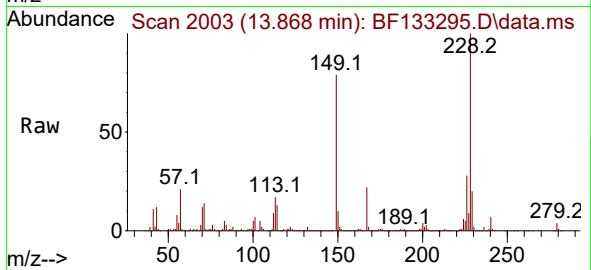
Tgt Ion:149 Resp: 736427
 Ion Ratio Lower Upper
 149 100
 91 70.9 53.8 80.6
 206 20.3 17.5 26.3





#81
Benzo(a)anthracene
Concen: 42.360 ng
RT: 13.868 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

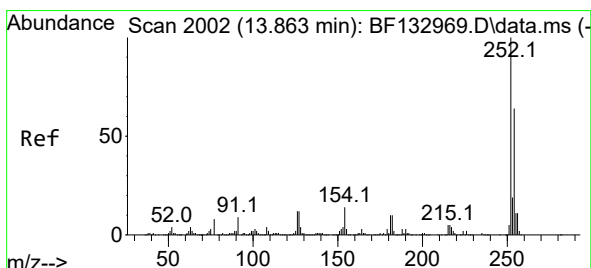
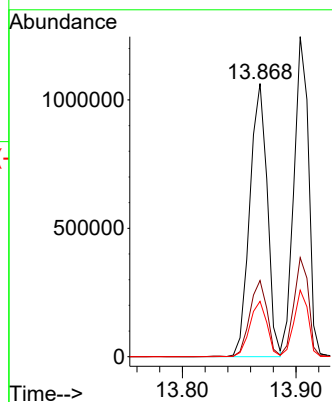
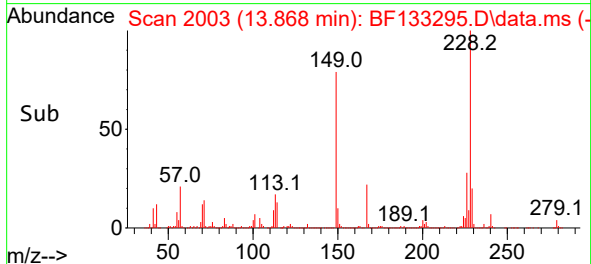
Instrument :
BNA_F
ClientSampleId :



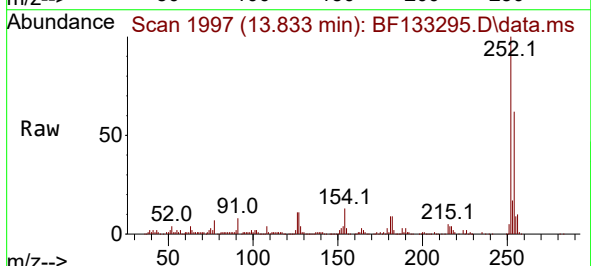
Tgt Ion:228 Resp: 113616
Ion Ratio Lower Upper
228 100
226 27.9 22.2 33.4
229 20.3 16.0 24.0

Manual Integrations
APPROVED

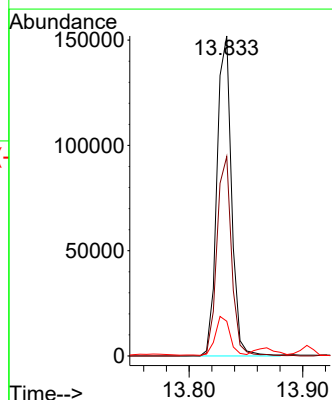
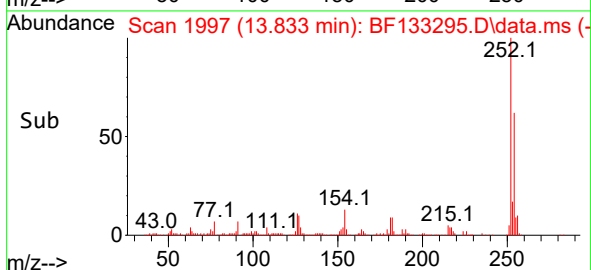
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

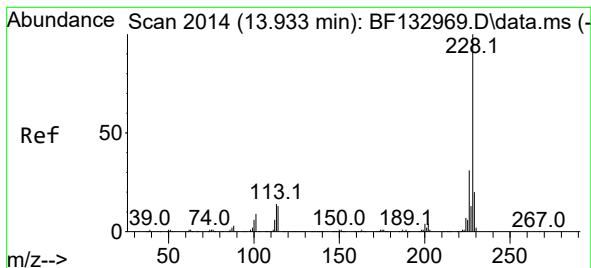


#82
3,3'-Dichlorobenzidine
Concen: 18.333 ng
RT: 13.833 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21



Tgt Ion:252 Resp: 135837
Ion Ratio Lower Upper
252 100
254 62.3 51.5 77.3
126 10.8 9.5 14.3





#83

Chrysene

Concen: 41.555 ng

RT: 13.904 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:228 Resp: 111430

Ion Ratio Lower Upper

228 100

226 31.0 24.7 37.1

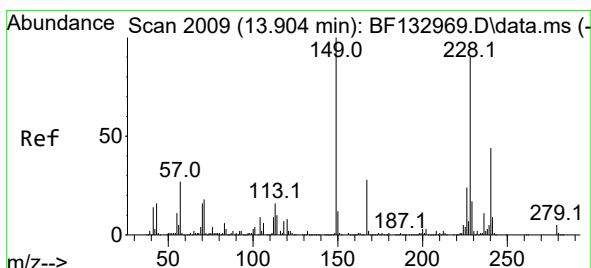
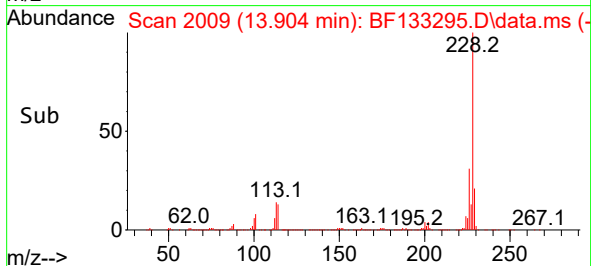
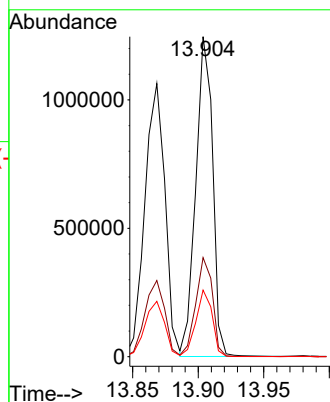
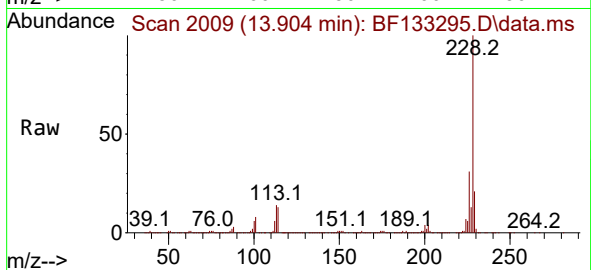
229 20.8 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/09/2023

Supervised By :Jagrut Upadhyay 05/09/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.497 ng

RT: 13.868 min Scan# 2003

Delta R.T. 0.000 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

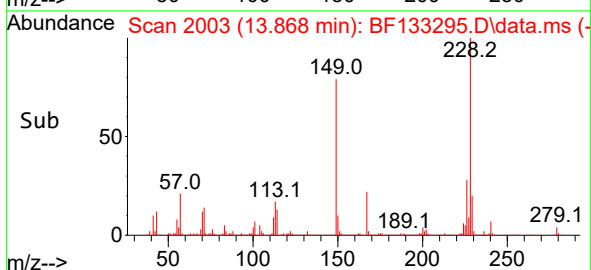
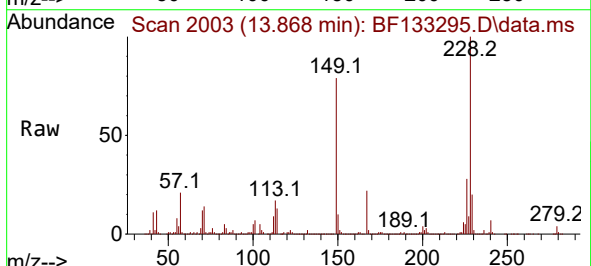
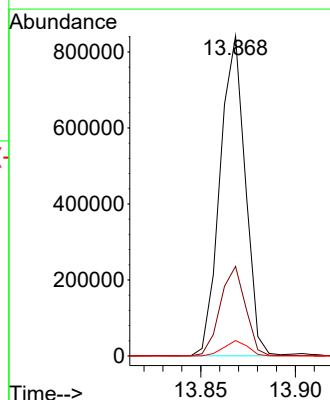
Tgt Ion:149 Resp: 780068

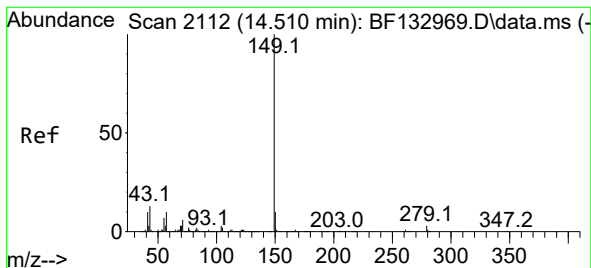
Ion Ratio Lower Upper

149 100

167 28.0 22.5 33.7

279 4.8 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 52.608 ng

RT: 14.474 min Scan# 2112

Delta R.T. -0.006 min

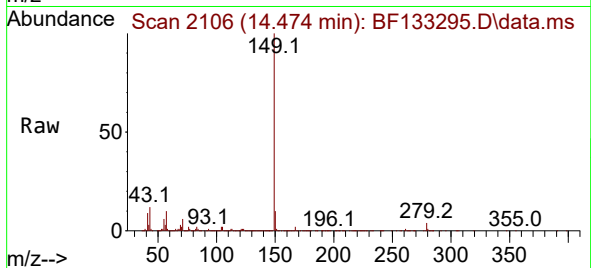
Lab File: BF133295.D

Acq: 08 May 2023 15:21

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:149 Resp: 127464

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

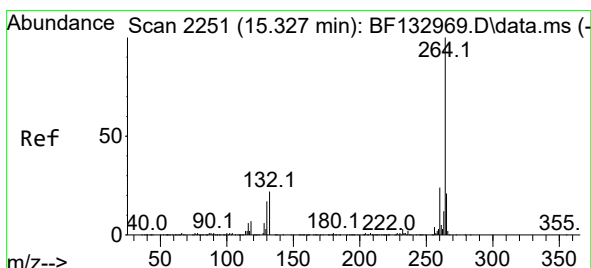
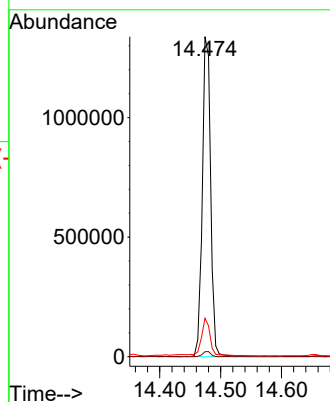
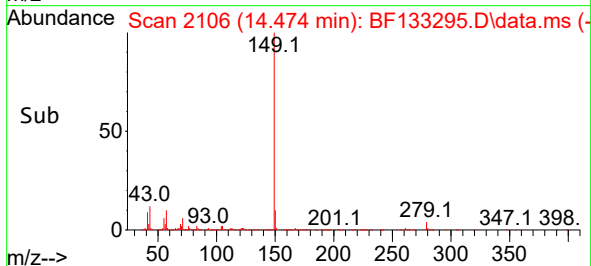
43 13.2 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/09/2023

Supervised By :Jagrut Upadhyay 05/09/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.292 min Scan# 2245

Delta R.T. 0.000 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

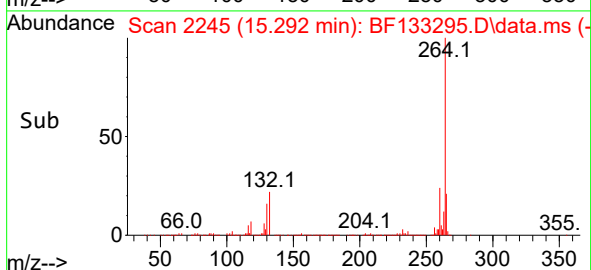
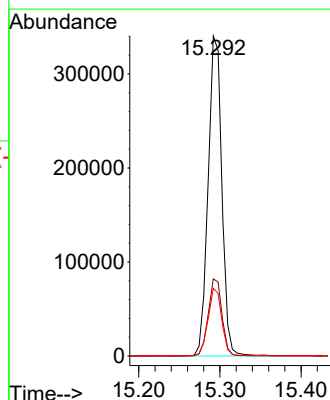
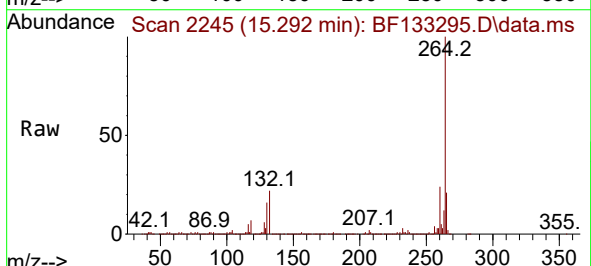
Tgt Ion:264 Resp: 398959

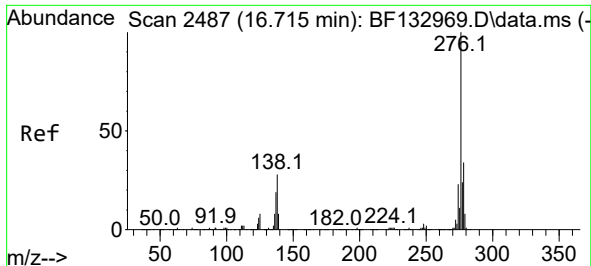
Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

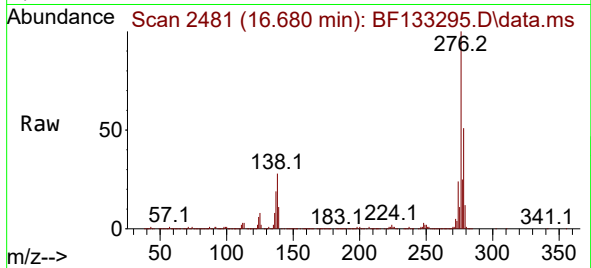
265 21.2 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 58.635 ng
RT: 16.680 min Scan# 2487
Delta R.T. 0.006 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

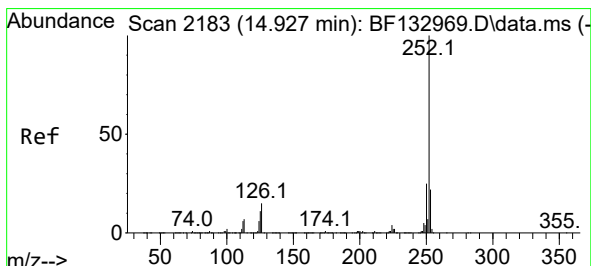
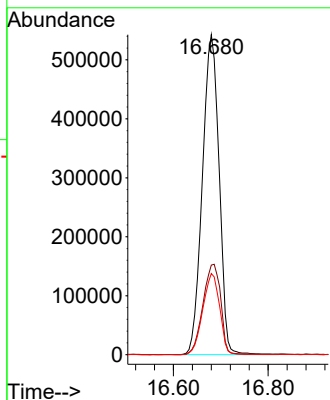
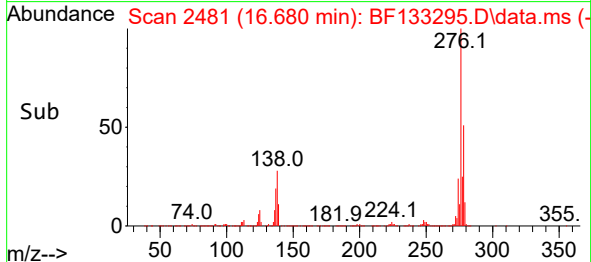
Instrument :
BNA_F
ClientSampleId :



Tgt Ion:276 Resp: 133063
Ion Ratio Lower Upper
276 100
138 29.9 25.5 38.3
277 25.6 20.4 30.6

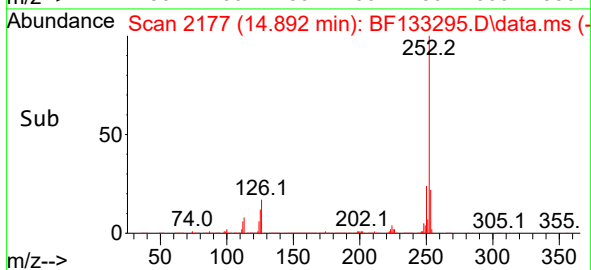
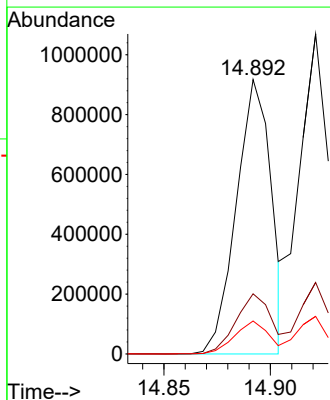
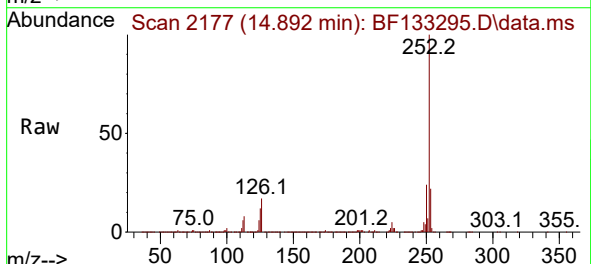
Manual Integrations
APPROVED

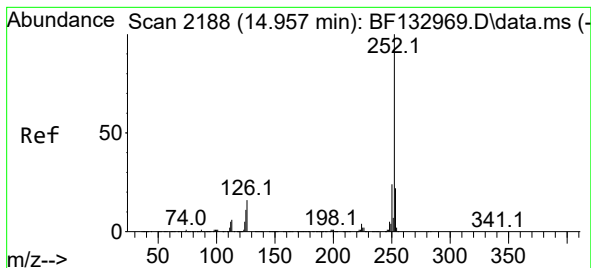
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#88
Benzo(b)fluoranthene
Concen: 41.463 ng
RT: 14.892 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

Tgt Ion:252 Resp: 1052375
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 12.0 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 40.798 ng

RT: 14.921 min Scan# 2188

Delta R.T. 0.000 min

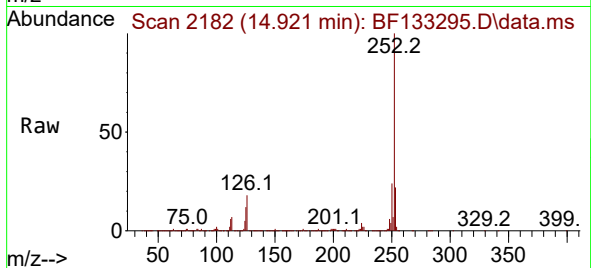
Lab File: BF133295.D

Acq: 08 May 2023 15:21

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:252 Resp: 102649

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

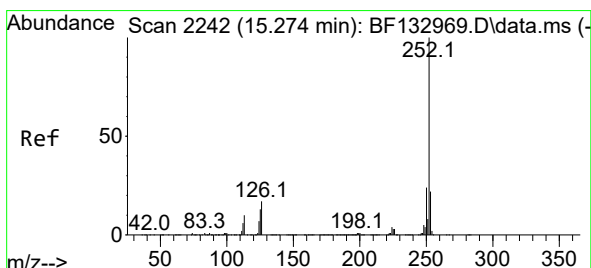
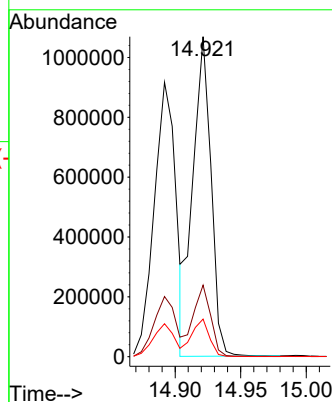
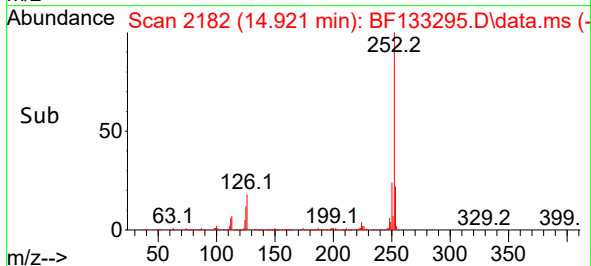
125 11.8 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/09/2023

Supervised By :Jagrut Upadhyay 05/09/2023



#90

Benzo(a)pyrene

Concen: 41.683 ng

RT: 15.239 min Scan# 2236

Delta R.T. 0.000 min

Lab File: BF133295.D

Acq: 08 May 2023 15:21

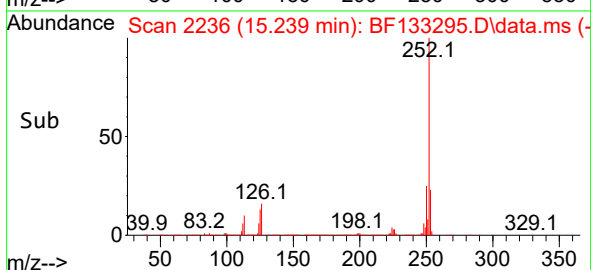
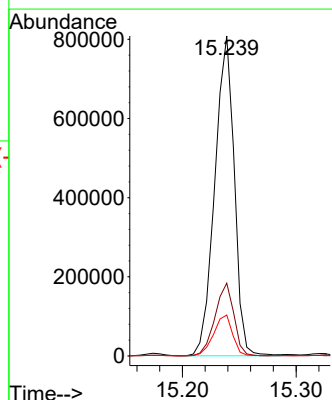
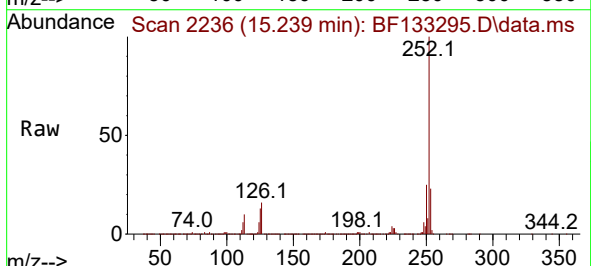
Tgt Ion:252 Resp: 962977

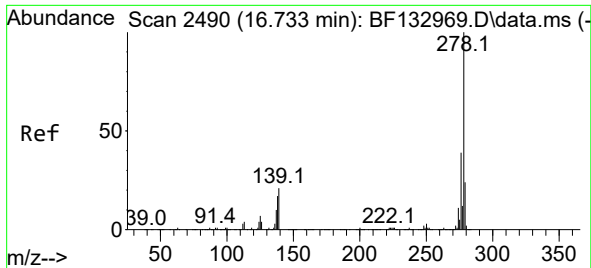
Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

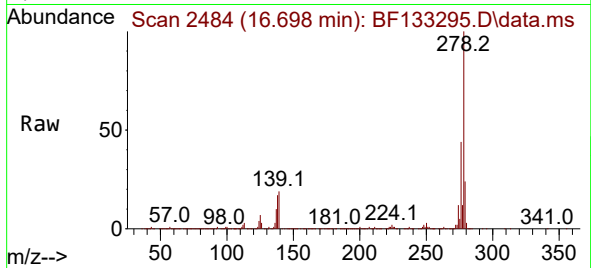
125 12.8 10.5 15.7





#91
Dibenzo(a,h)anthracene
Concen: 58.041 ng
RT: 16.698 min Scan# 2490
Delta R.T. 0.006 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21

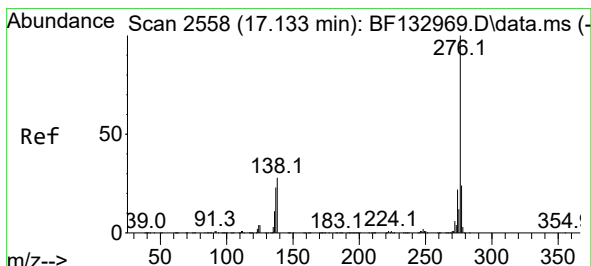
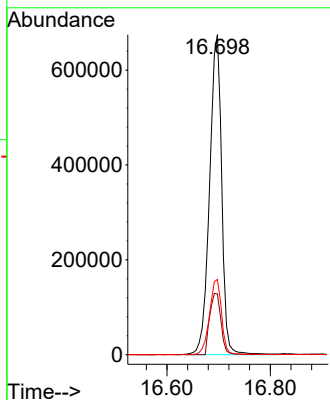
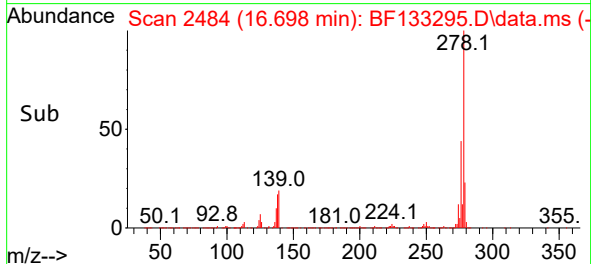
Instrument :
BNA_F
ClientSampleId :



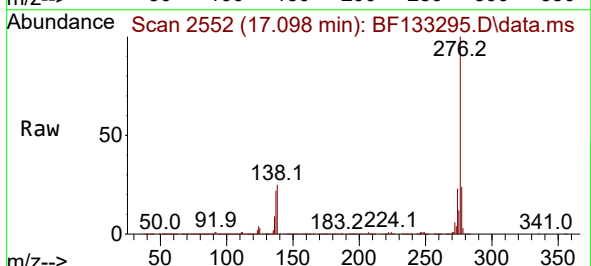
Tgt Ion:278 Resp: 1098570
Ion Ratio Lower Upper
278 100
139 19.0 16.6 24.8
279 23.5 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#92
Benzo(g,h,i)perylene
Concen: 59.862 ng
RT: 17.098 min Scan# 2552
Delta R.T. 0.012 min
Lab File: BF133295.D
Acq: 08 May 2023 15:21



Tgt Ion:276 Resp: 1118598
Ion Ratio Lower Upper
276 100
277 24.4 19.4 29.0
138 25.4 22.7 34.1

