

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042723\
 Data File : BF133093.D
 Acq On : 27 Apr 2023 11:44
 Operator : CG\JU
 Sample : PB152407BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152407BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/28/2023
 Supervised By : Jagrut Upadhyay 04/28/2023

Quant Time: Apr 28 02:04:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 02:00:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	227432	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	907547	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	470810	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	836634	20.000	ng	0.00
76) Chrysene-d12	13.898	240	565955	20.000	ng	0.00
86) Perylene-d12	15.310	264	515886	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1539513	102.255	ng	0.02
7) Phenol-d6	6.387	99	1872026	100.177	ng	0.00
23) Nitrobenzene-d5	7.304	82	1128075	67.093	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	491941	103.897	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1949464	69.273	ng	0.00
79) Terphenyl-d14	12.845	244	2145838	65.391	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.516	88	274584	39.320	ng	97
3) Pyridine	3.210	79	685075	36.936	ng	96
4) n-Nitrosodimethylamine	3.175	42	352824	36.725	ng	92
6) Aniline	6.404	93	794860	33.025	ng	# 47
8) 2-Chlorophenol	6.528	128	672985	44.025	ng	97
9) Benzaldehyde	6.281	77	364592	43.655	ng	99
10) Phenol	6.398	94	821780	39.862	ng	# 70
11) bis(2-Chloroethyl)ether	6.481	93	648327	41.909	ng	96
12) 1,3-Dichlorobenzene	6.681	146	724145	44.557	ng	97
13) 1,4-Dichlorobenzene	6.757	146	730518	44.849	ng	98
14) 1,2-Dichlorobenzene	6.910	146	672088	44.756	ng	97
15) Benzyl Alcohol	6.887	79	527189	40.841	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.022	45	1044858	38.886	ng	94
17) 2-Methylphenol	7.004	107	602211	43.023	ng	97
18) Hexachloroethane	7.251	117	251617	44.432	ng	97
19) n-Nitroso-di-n-propyla...	7.163	70	450091	38.688	ng	97
20) 3+4-Methylphenols	7.157	107	676634	41.047	ng	93
22) Acetophenone	7.151	105	933882	44.422	ng	# 95
24) Nitrobenzene	7.328	77	705911	41.432	ng	98
25) Isophorone	7.563	82	1310379	41.048	ng	98
26) 2-Nitrophenol	7.640	139	393749	47.914	ng	96
27) 2,4-Dimethylphenol	7.687	122	639920	45.413	ng	99
28) bis(2-Chloroethoxy)met...	7.781	93	776627	41.123	ng	100
29) 2,4-Dichlorophenol	7.887	162	572253	44.610	ng	99
30) 1,2,4-Trichlorobenzene	7.969	180	593210	44.637	ng	99
31) Naphthalene	8.045	128	1913812	42.178	ng	99
32) Benzoic acid	7.828	122	473386	54.387	ng	95
33) 4-Chloroaniline	8.092	127	336237	18.340	ng	100
34) Hexachlorobutadiene	8.163	225	324249	44.022	ng	100
35) Caprolactam	8.481	113	207034m	48.043	ng	
36) 4-Chloro-3-methylphenol	8.587	107	614532	44.424	ng	97
37) 2-Methylnaphthalene	8.739	142	1258051	40.554	ng	98
38) 1-Methylnaphthalene	8.839	142	1246687	42.960	ng	100
40) 1,2,4,5-Tetrachloroben...	8.904	216	530257	41.889	ng	99
41) Hexachlorocyclopentadiene	8.892	237	719680	97.483	ng	99
43) 2,4,6-Trichlorophenol	9.016	196	381031	43.524	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	414493	40.939	ng	98
46) 1,1'-Biphenyl	9.204	154	1541517	41.291	ng	98
47) 2-Chloronaphthalene	9.228	162	1165052	42.636	ng	100
48) 2-Nitroaniline	9.322	65	360850	39.957	ng	99
49) Acenaphthylene	9.639	152	1810441	41.465	ng	100
50) Dimethylphthalate	9.504	163	1350156	41.127	ng	100
51) 2,6-Dinitrotoluene	9.563	165	320477	43.373	ng	91
52) Acenaphthene	9.810	154	1338401m	45.769	ng	
53) 3-Nitroaniline	9.734	138	255570	29.090	ng	95
54) 2,4-Dinitrophenol	9.839	184	391901	105.520	ng	97
55) Dibenzofuran	9.986	168	1601840	40.157	ng	100
56) 4-Nitrophenol	9.904	139	598168	87.907	ng	94
57) 2,4-Dinitrotoluene	9.969	165	412499	43.776	ng	93
58) Fluorene	10.328	166	1184671	40.537	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.104	232	345807	44.056	ng	97
60) Diethylphthalate	10.204	149	1251471	40.359	ng	99
61) 4-Chlorophenyl-phenyle...	10.316	204	572194	40.177	ng	96
62) 4-Nitroaniline	10.351	138	361405	44.757	ng	96
63) Azobenzene	10.481	77	1242256	37.817	ng	96
65) 4,6-Dinitro-2-methylph...	10.375	198	247402	48.787	ng	81
66) n-Nitrosodiphenylamine	10.439	169	1086694	40.043	ng	99
67) 4-Bromophenyl-phenylether	10.804	248	366360	40.376	ng	94
68) Hexachlorobenzene	10.875	284	411596	44.268	ng	98
69) Atrazine	10.969	200	362266	46.327	ng	99
70) Pentachlorophenol	11.069	266	504982	76.260	ng	98
71) Phenanthrene	11.286	178	1806442	40.173	ng	99
72) Anthracene	11.333	178	1869755	40.631	ng	99
73) Carbazole	11.492	167	1715978	41.878	ng	99
74) Di-n-butylphthalate	11.828	149	1945783	41.961	ng	99
75) Fluoranthene	12.469	202	1879805	41.654	ng	98
77) Benzidine	12.592	184	1025341	107.134	ng	# 93
78) Pyrene	12.698	202	1931712	39.816	ng	99
80) Butylbenzylphthalate	13.322	149	828142	48.209	ng	99
81) Benzo(a)anthracene	13.886	228	1579458	40.583	ng	99
82) 3,3'-Dichlorobenzidine	13.845	252	381103	35.447	ng	99
83) Chrysene	13.922	228	1576760	40.524	ng	99
84) Bis(2-ethylhexyl)phtha...	13.886	149	937899	43.499	ng	98
85) Di-n-octyl phthalate	14.492	149	1760490	50.075	ng	97
87) Indeno(1,2,3-cd)pyrene	16.698	276	1347685	45.926	ng	99
88) Benzo(b)fluoranthene	14.910	252	1463336	44.587	ng	98
89) Benzo(k)fluoranthene	14.939	252	1421292	43.686	ng	98
90) Benzo(a)pyrene	15.257	252	1224844	41.002	ng	99
91) Dibenzo(a,h)anthracene	16.715	278	1105577	45.172	ng	99
92) Benzo(g,h,i)perylene	17.115	276	1134481	46.951	ng	99

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

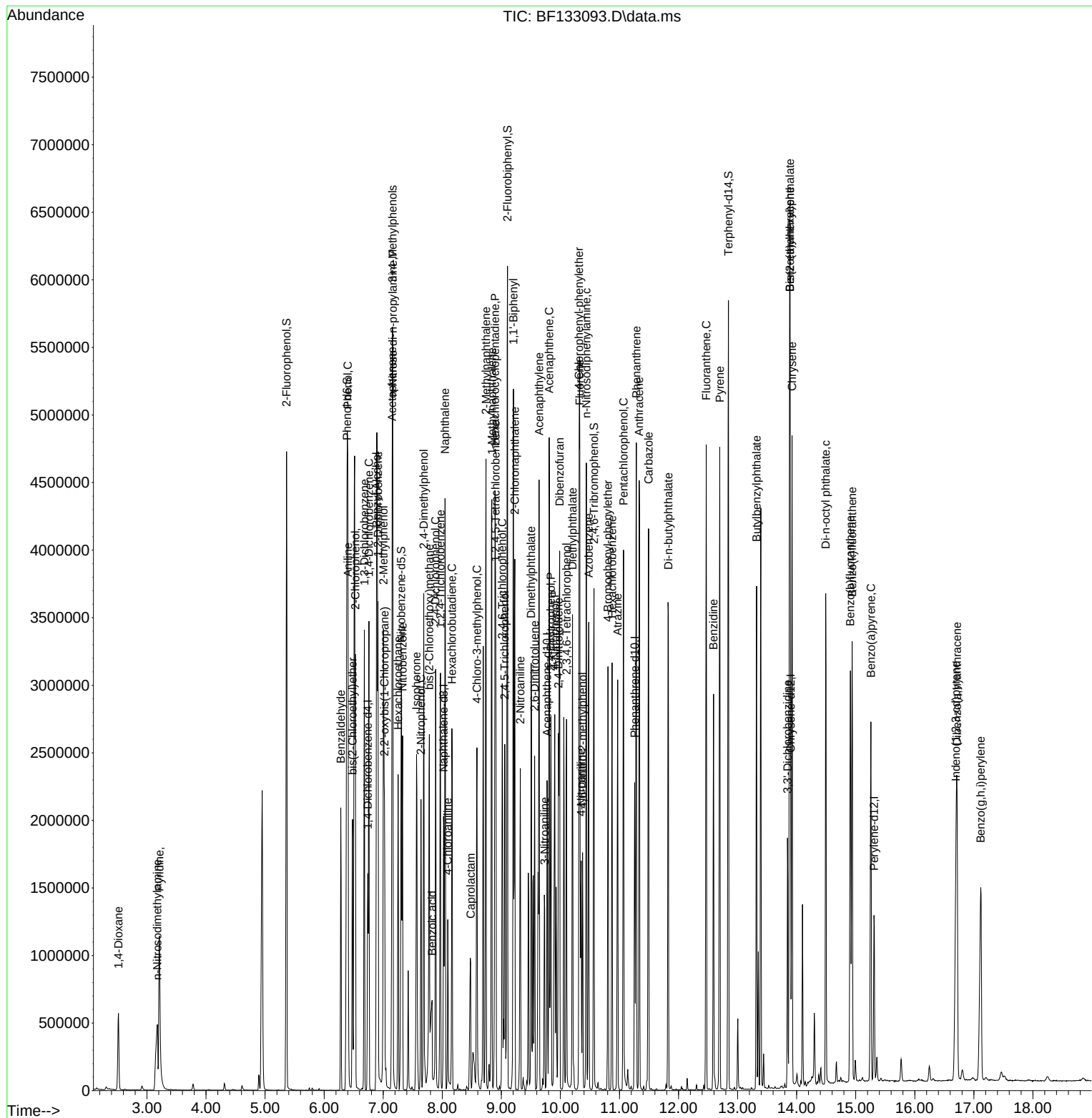
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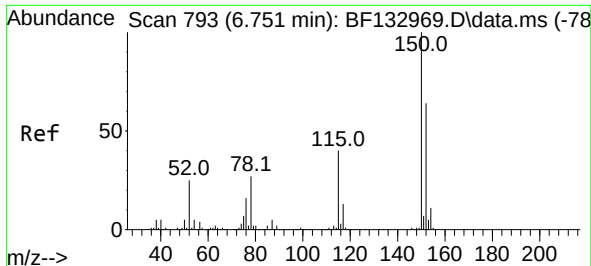
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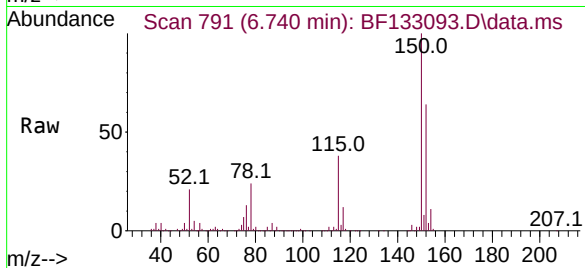
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

Instrument :

BNA_F

ClientSampleId :

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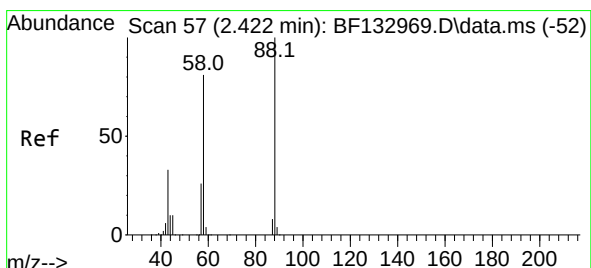
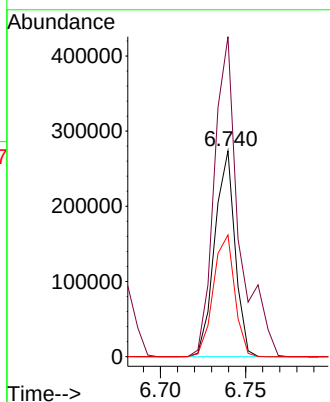
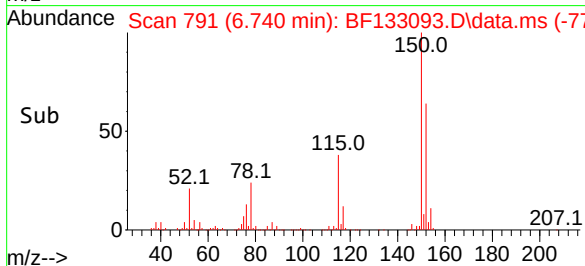


Tgt Ion:152 Resp: 22743
Ion Ratio Lower Upper
152 100
150 155.5 124.8 187.2
115 59.2 49.9 74.9

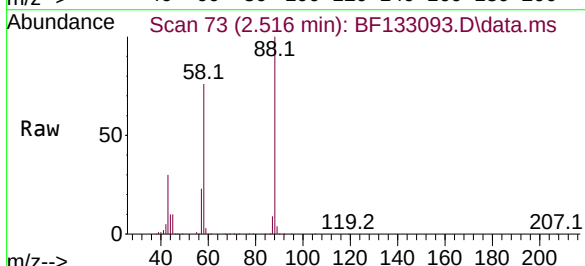
Manual Integrations

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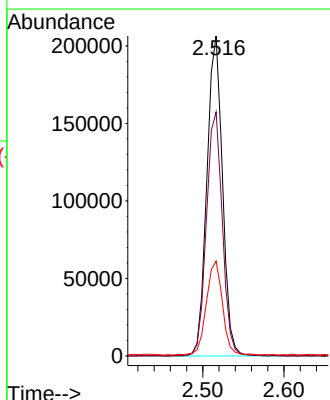
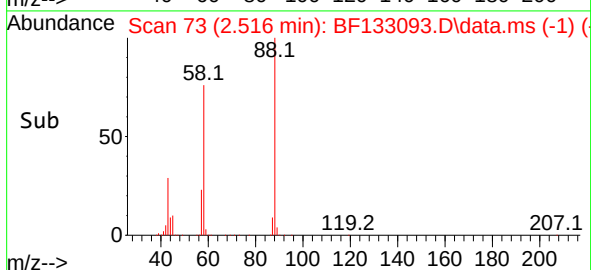
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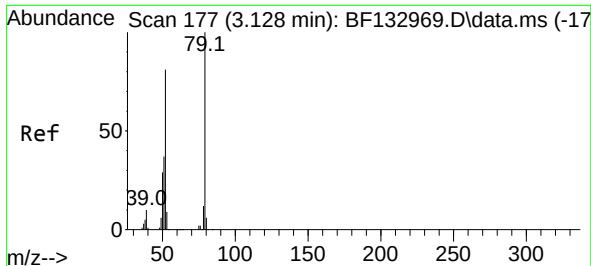


#2
1,4-Dioxane
Concen: 39.320 ng
RT: 2.516 min Scan# 73
Delta R.T. 0.124 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44



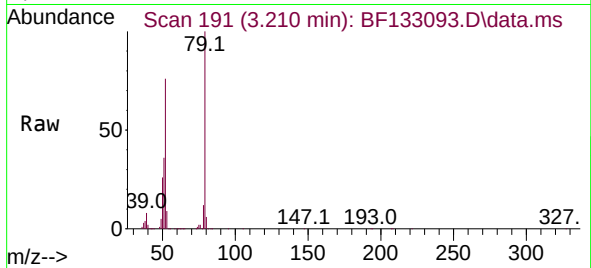
Tgt Ion: 88 Resp: 274584
Ion Ratio Lower Upper
88 100
58 78.2 64.7 97.1
43 30.3 26.2 39.2





#3
Pyridine
Concen: 36.936 ng
RT: 3.210 min Scan# 184
Delta R.T. 0.118 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

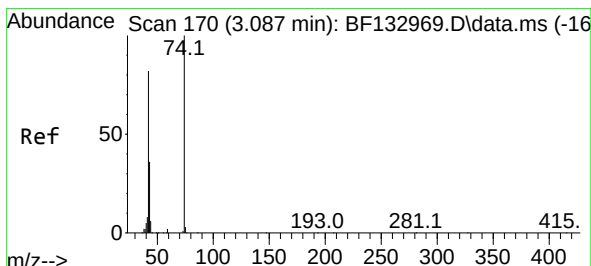
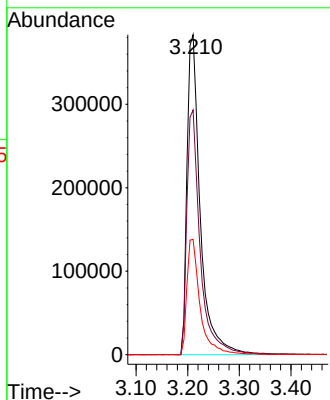
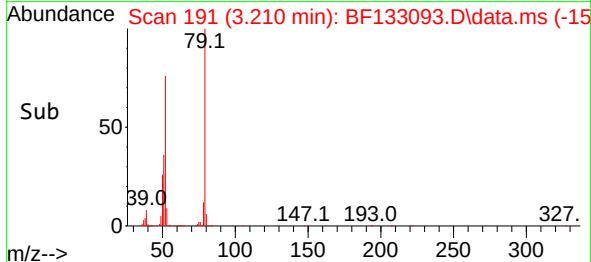
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ClientSampleId :
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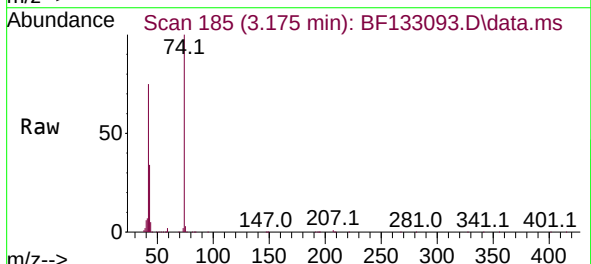
Tgt Ion: 79 Resp: 685079
Ion Ratio Lower Upper
79 100
52 76.4 64.6 96.8
51 36.1 30.0 45.0

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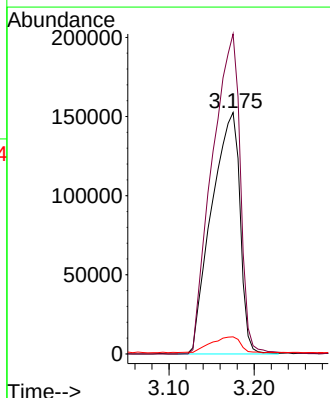
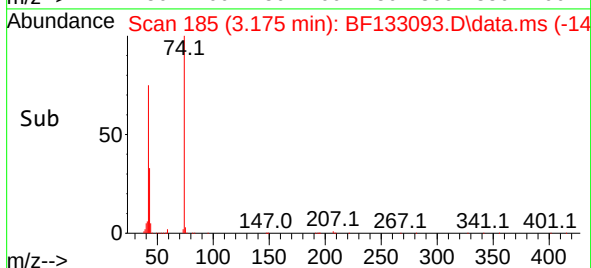
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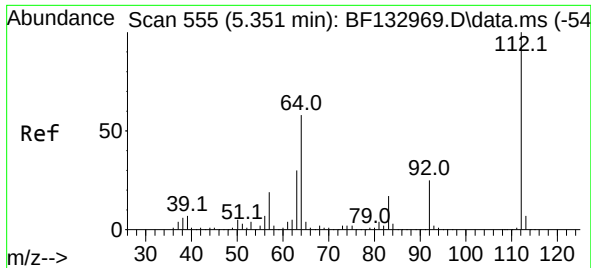


#4
n-Nitrosodimethylamine
Concen: 36.725 ng
RT: 3.175 min Scan# 185
Delta R.T. 0.123 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44



Tgt Ion: 42 Resp: 352824
Ion Ratio Lower Upper
42 100
74 132.6 98.0 147.0
44 7.1 5.8 8.8





#5
2-Fluorophenol
Concen: 102.255 ng
RT: 5.363 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

Instrument :

BNA_F

ClientSampleId :

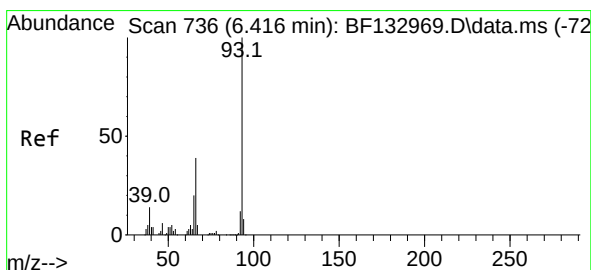
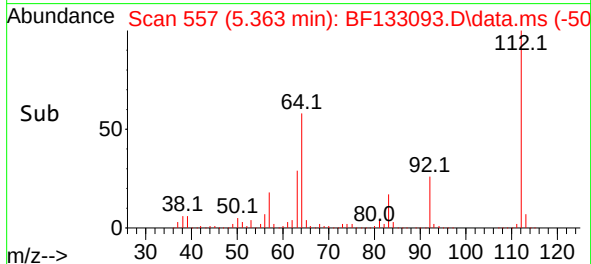
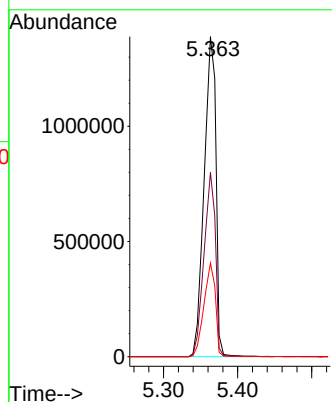
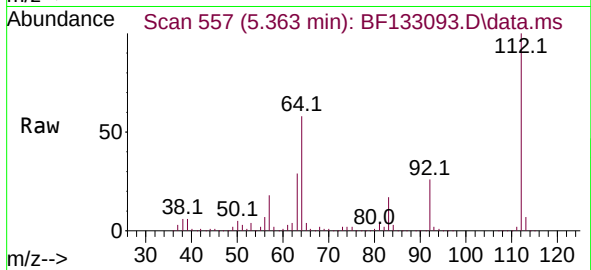
PB152407BS

Tgt Ion:112 Resp: 153951
Ion Ratio Lower Upper
112 100
64 57.6 46.8 70.2
63 29.2 23.8 35.8

Manual Integrations

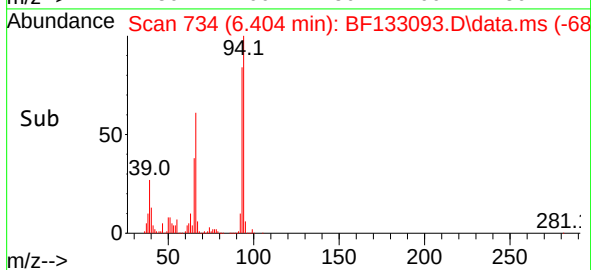
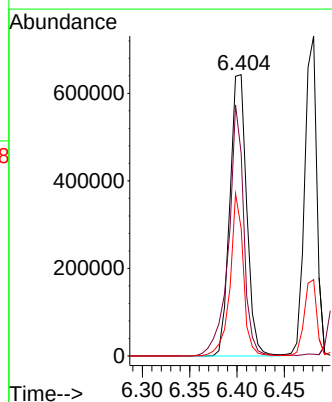
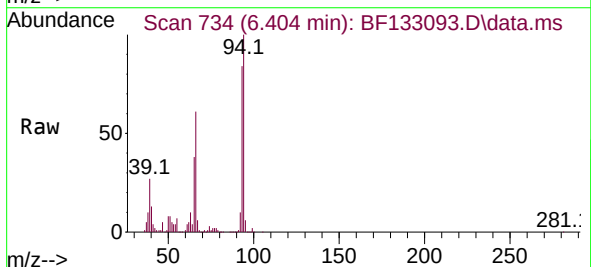
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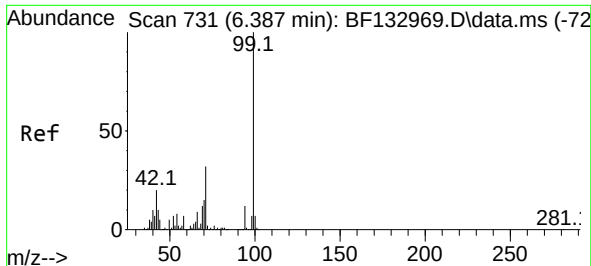
Reviewed By :Christian Giraldo 04/28/2023
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#6
Aniline
Concen: 33.025 ng
RT: 6.404 min Scan# 734
Delta R.T. -0.000 min
Lab File: BF133093.D
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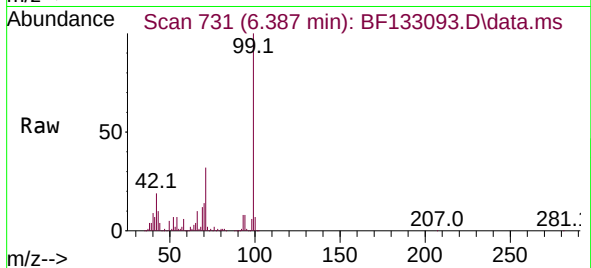
Tgt Ion: 93 Resp: 794860
Ion Ratio Lower Upper
93 100
66 72.0 31.5 47.3#
65 45.3 16.4 24.6#





#7
Phenol-d6
Concen: 100.177 ng
RT: 6.387 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF133093.D
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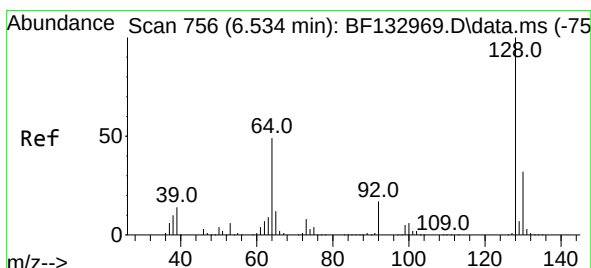
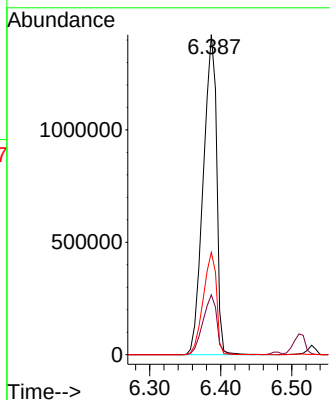
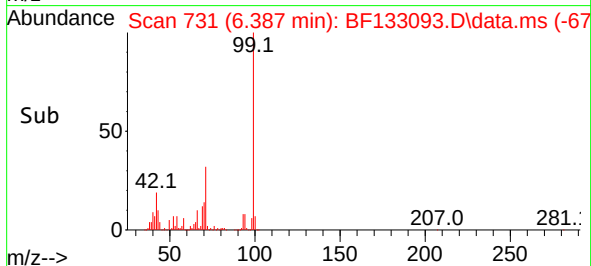
Instrument :
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Tgt Ion: 99 Resp: 1872020
Ion Ratio Lower Upper
99 100
42 18.7 16.3 24.5
71 32.0 25.6 38.4

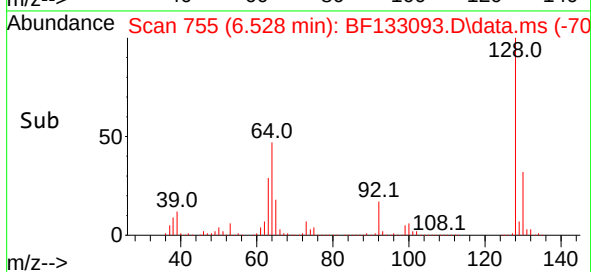
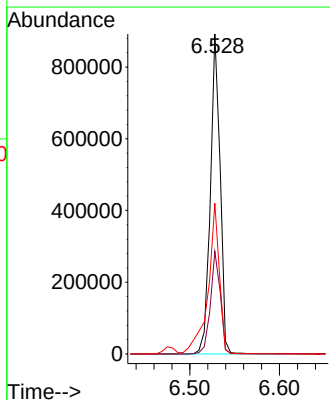
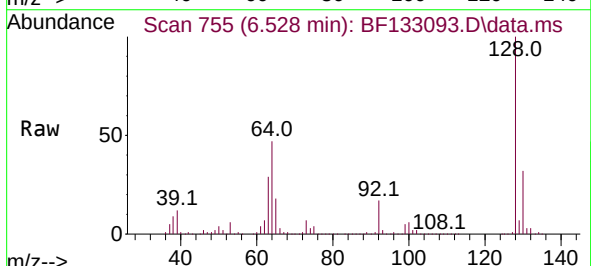
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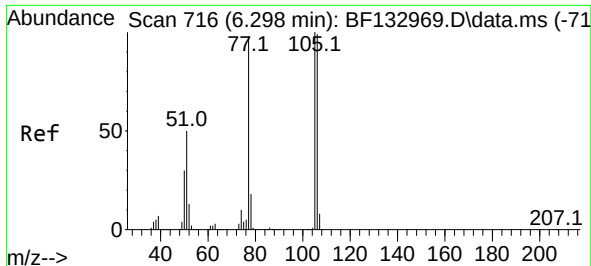
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#8
2-Chlorophenol
Concen: 44.025 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF133093.D
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Tgt Ion:128 Resp: 672985
Ion Ratio Lower Upper
128 100
130 32.0 12.2 52.2
64 47.1 30.3 70.3





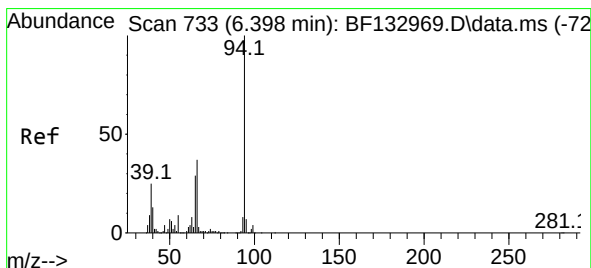
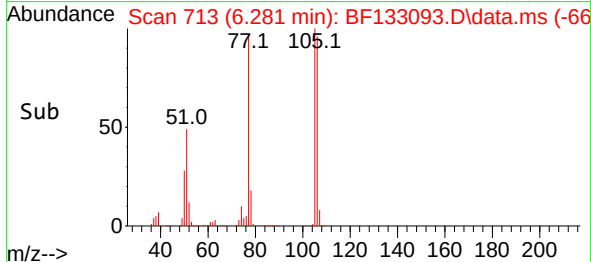
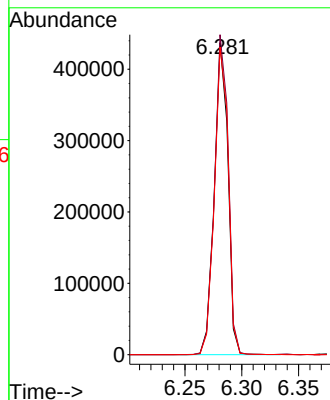
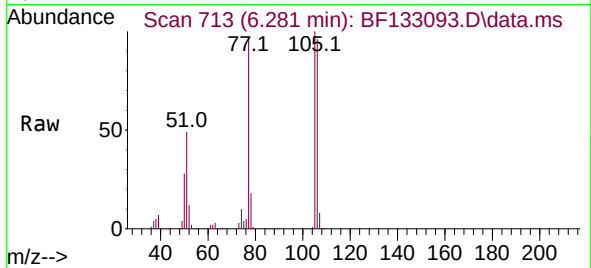
#9
Benzaldehyde
Concen: 43.655 ng
RT: 6.281 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF133093.D
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Tgt Ion: 77 Resp: 364592
Ion Ratio Lower Upper
77 100
105 102.6 82.3 122.3
106 98.6 80.8 120.8

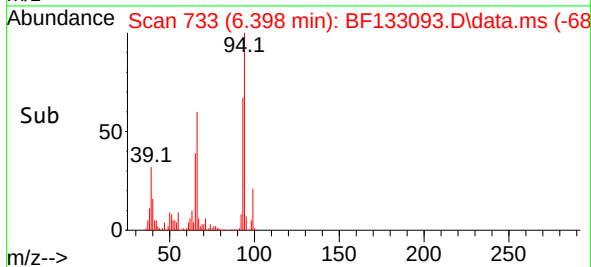
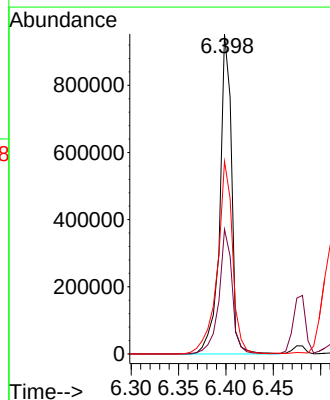
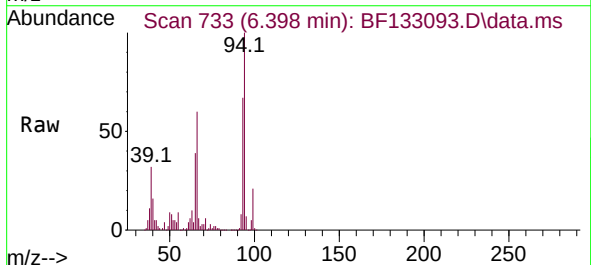
Manual Integrations
APPROVED

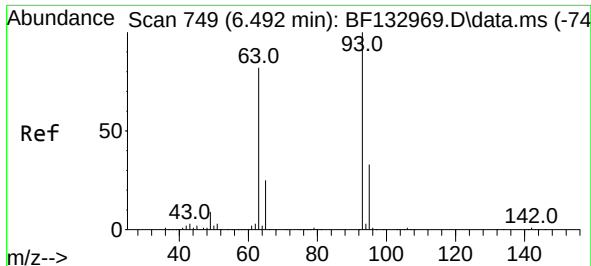
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#10
Phenol
Concen: 39.862 ng
RT: 6.398 min Scan# 733
Delta R.T. 0.006 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

Tgt Ion: 94 Resp: 821780
Ion Ratio Lower Upper
94 100
65 38.9 8.6 48.6
66 60.2 17.3 57.3#





#11

bis(2-Chloroethyl)ether

Concen: 41.909 ng

RT: 6.481 min Scan# 749

Delta R.T. -0.000 min

Lab File: BF133093.D

Acq: 27 Apr 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB152407BS

Tgt Ion: 93 Resp: 64832

Ion Ratio Lower Upper

93 100

63 76.2 60.6 100.6

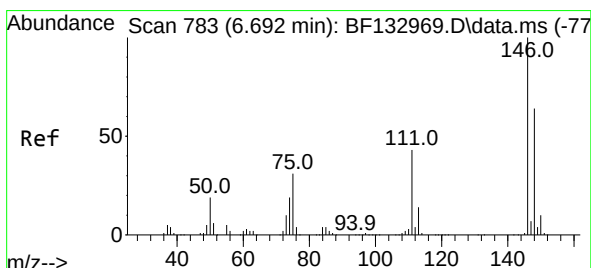
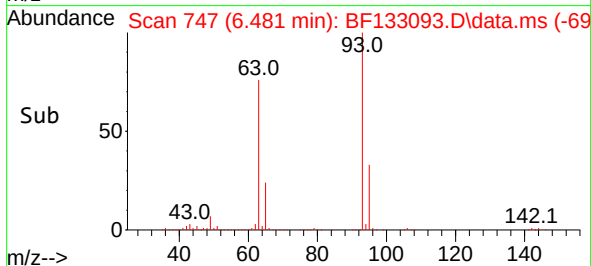
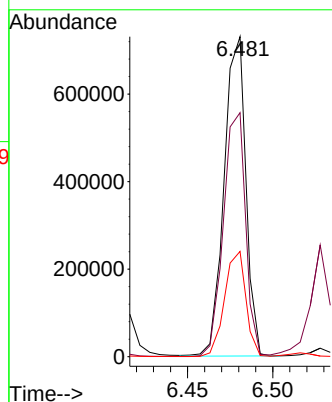
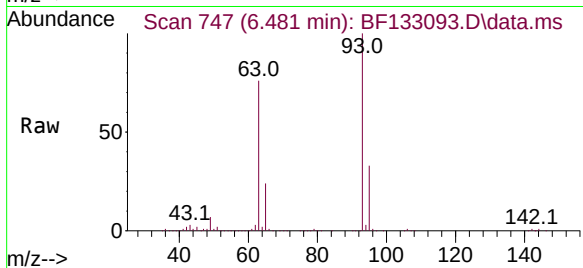
95 32.9 12.9 52.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#12

1,3-Dichlorobenzene

Concen: 44.557 ng

RT: 6.681 min Scan# 781

Delta R.T. -0.000 min

Lab File: BF133093.D

Acq: 27 Apr 2023 11:44

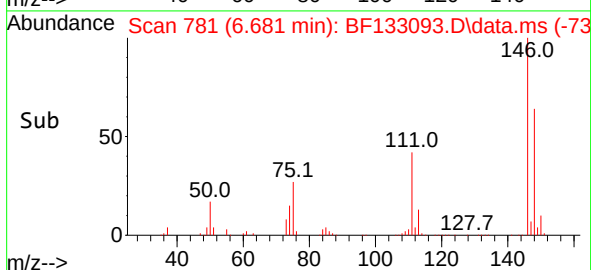
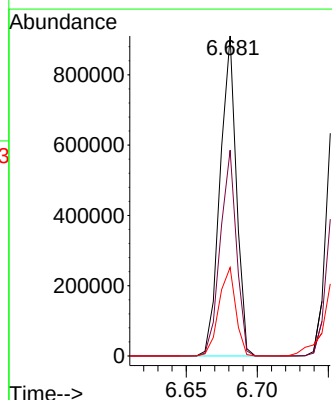
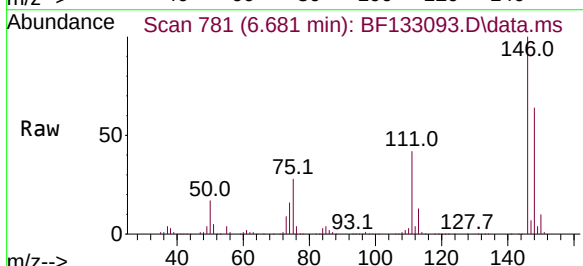
Tgt Ion:146 Resp: 724145

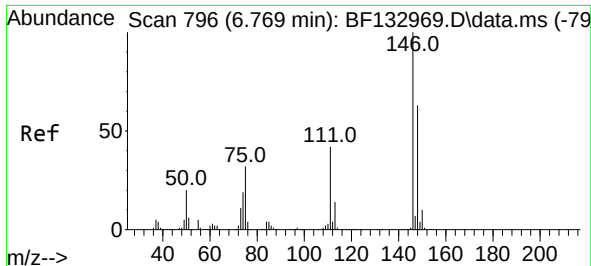
Ion Ratio Lower Upper

146 100

148 64.3 51.0 76.4

75 27.6 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 44.849 ng

RT: 6.757 min Scan# 796

Delta R.T. -0.000 min

Lab File: BF133093.D

Acq: 27 Apr 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB152407BS

Tgt Ion:146 Resp: 730518

Ion Ratio Lower Upper

146 100

148 63.7 50.3 75.5

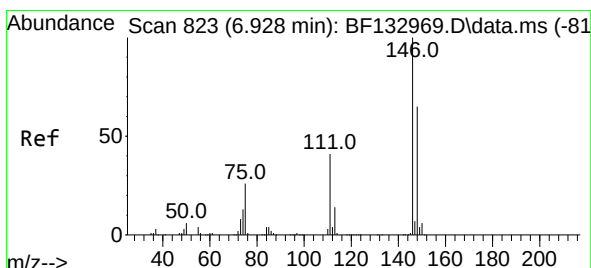
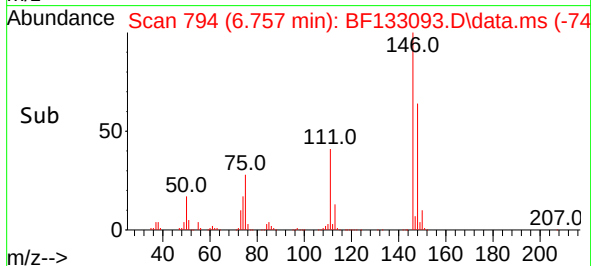
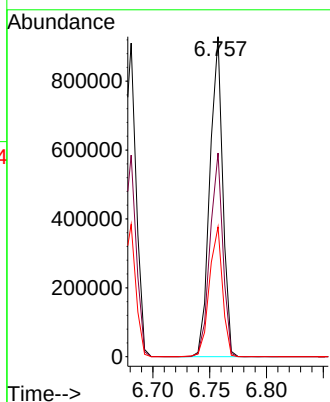
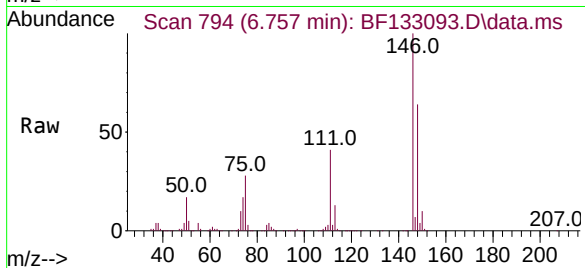
111 40.5 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#14

1,2-Dichlorobenzene

Concen: 44.756 ng

RT: 6.910 min Scan# 820

Delta R.T. -0.000 min

Lab File: BF133093.D

Acq: 27 Apr 2023 11:44

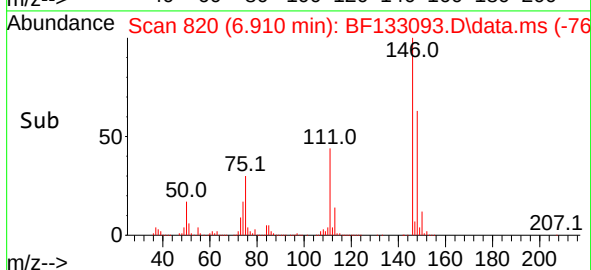
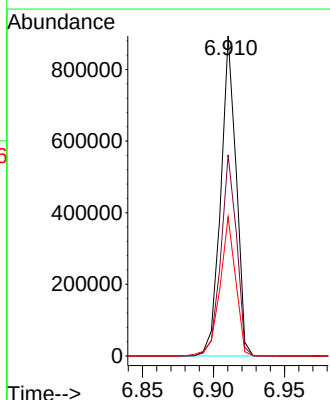
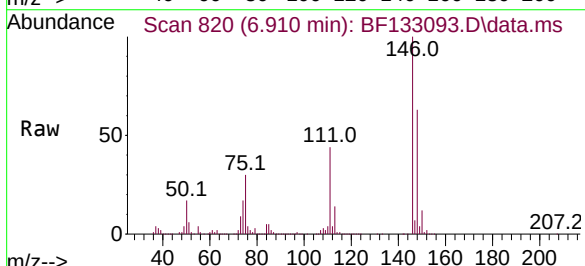
Tgt Ion:146 Resp: 672088

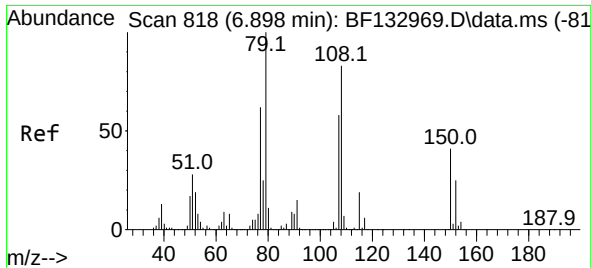
Ion Ratio Lower Upper

146 100

148 62.8 52.2 78.2

111 43.5 32.8 49.2





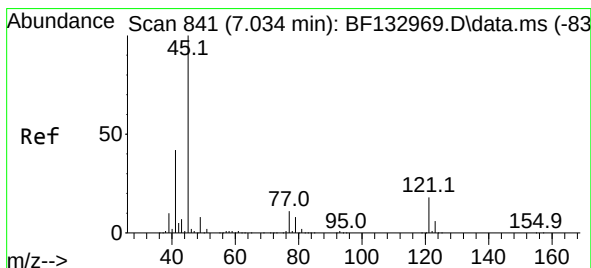
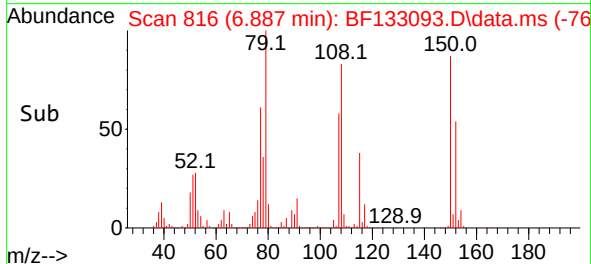
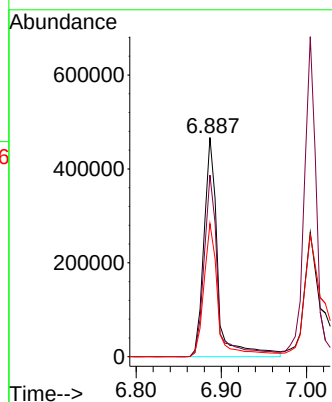
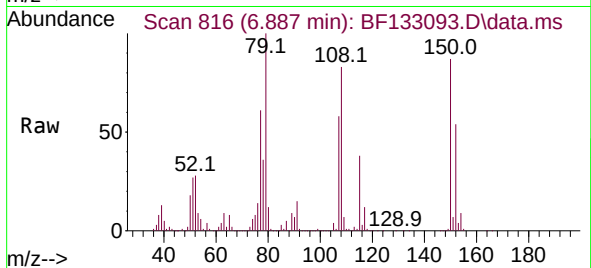
#15
Benzyl Alcohol
Concen: 40.841 ng
RT: 6.887 min Scan# 818
Delta R.T. -0.000 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

Instrument :
BNA_F
ClientSampleId :
PB152407BS

Tgt Ion: 79 Resp: 527189
Ion Ratio Lower Upper
79 100
108 82.9 66.6 99.8
77 60.7 49.2 73.8

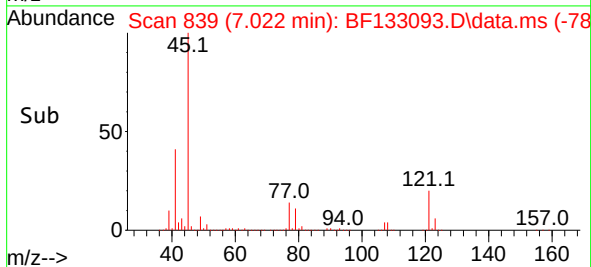
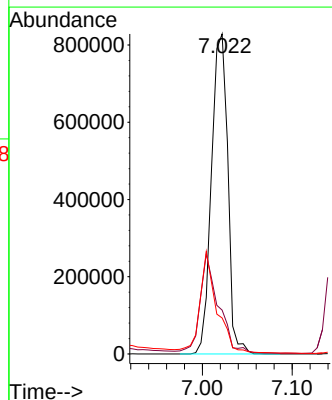
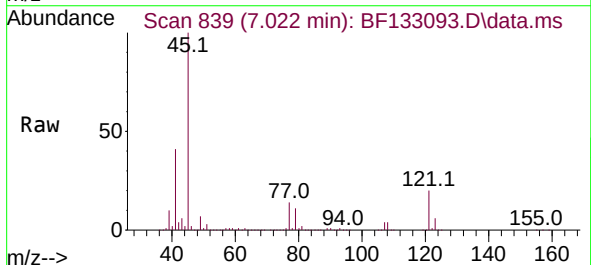
Manual Integrations
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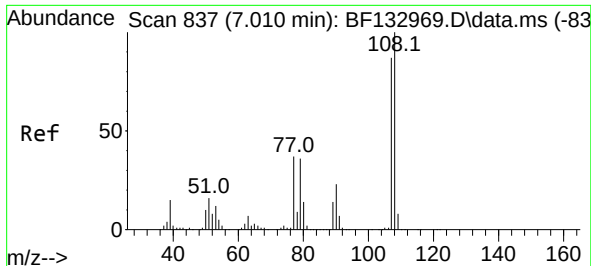
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.886 ng
RT: 7.022 min Scan# 839
Delta R.T. -0.000 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

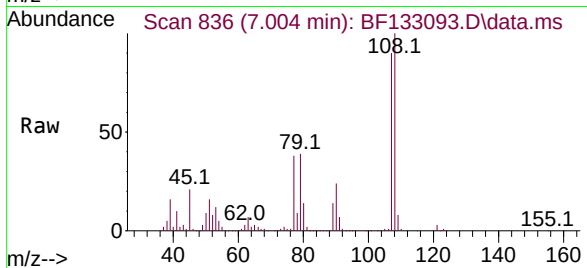
Tgt Ion: 45 Resp: 1044858
Ion Ratio Lower Upper
45 100
77 13.7 0.0 31.5
79 11.2 0.0 28.7





#17
2-Methylphenol
Concen: 43.023 ng
RT: 7.004 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

Instrument :
BNA_F
ClientSampleId :
PB152407BS

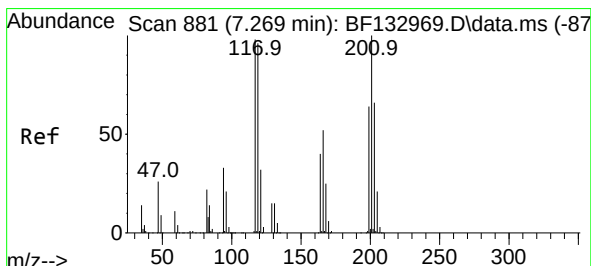
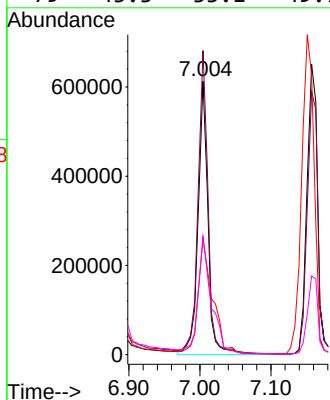
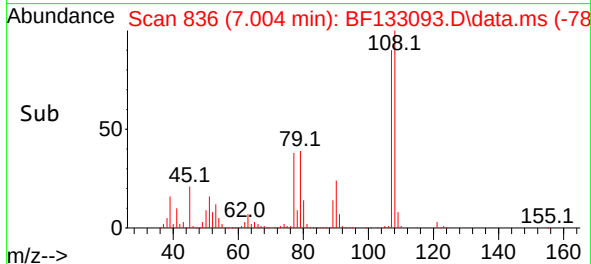


Tgt Ion:107 Resp: 60221

Ion	Ratio	Lower	Upper
107	100		
108	111.3	92.4	138.6
77	42.3	33.8	50.8
79	43.3	33.1	49.7

Manual Integrations
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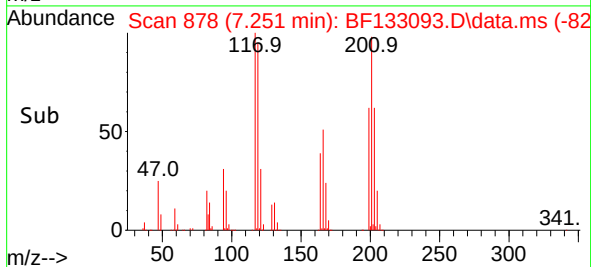
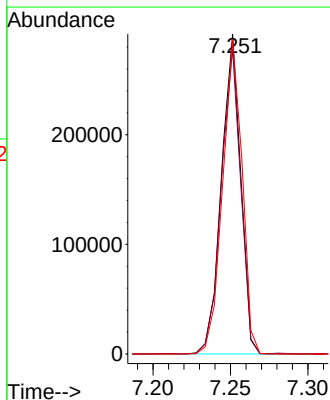
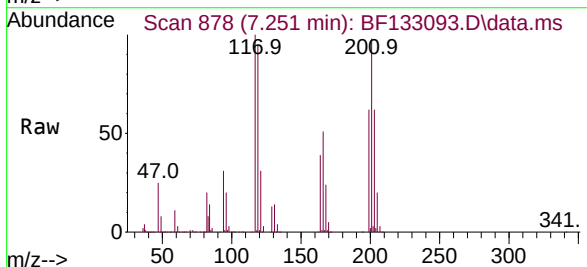
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

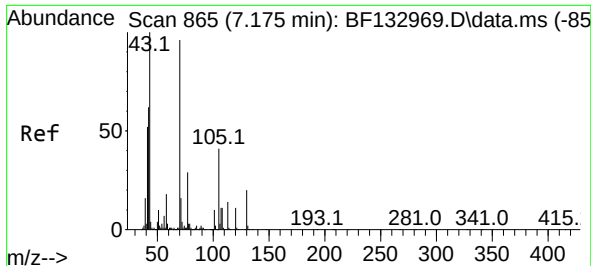


#18
Hexachloroethane
Concen: 44.432 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

Tgt Ion:117 Resp: 251617

Ion	Ratio	Lower	Upper
117	100		
119	95.3	78.2	117.4
201	98.4	81.7	122.5





#19

n-Nitroso-di-n-propylamine

Concen: 38.688 ng

RT: 7.163 min Scan# 80

Delta R.T. 0.006 min

Lab File: BF133093.D

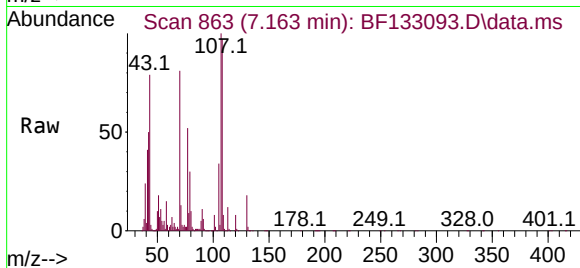
Acq: 27 Apr 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB152407BS



Tgt Ion: 70 Resp: 45009

Ion Ratio Lower Upper

70 100

42 61.8 51.8 77.6

101 10.1 8.0 12.0

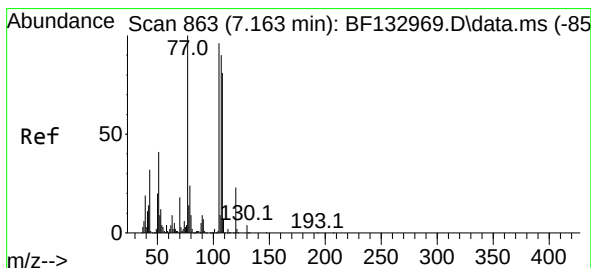
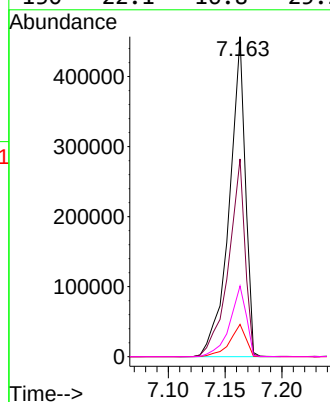
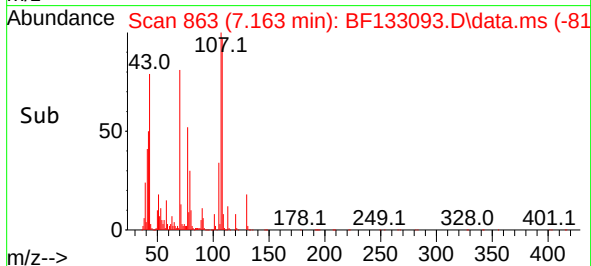
130 22.1 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#20

3+4-Methylphenols

Concen: 41.047 ng

RT: 7.157 min Scan# 862

Delta R.T. -0.000 min

Lab File: BF133093.D

Acq: 27 Apr 2023 11:44

Tgt Ion:107 Resp: 676634

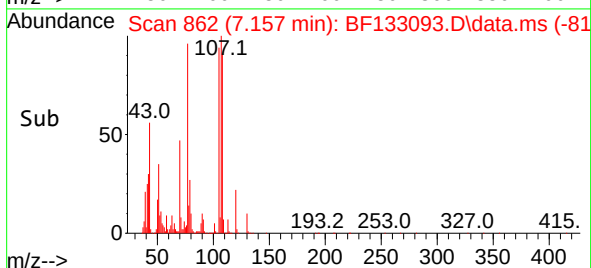
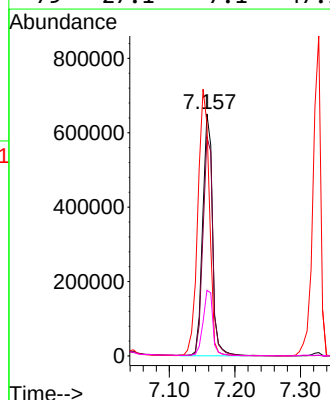
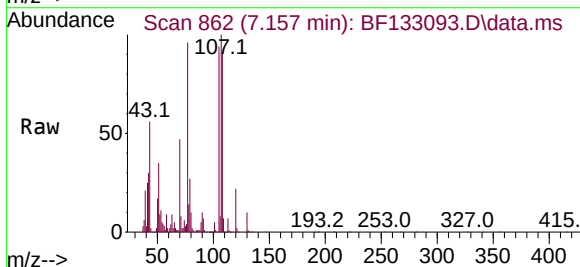
Ion Ratio Lower Upper

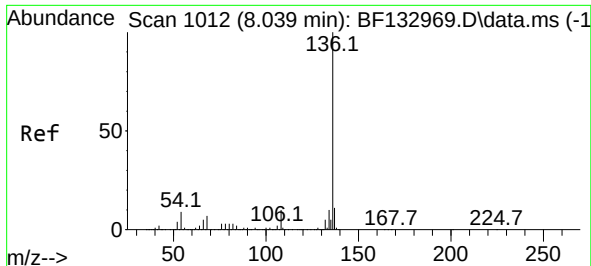
107 100

108 90.6 70.5 110.5

77 96.0 91.7 131.7

79 27.1 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

Instrument :

BNA_F

ClientSampleId :

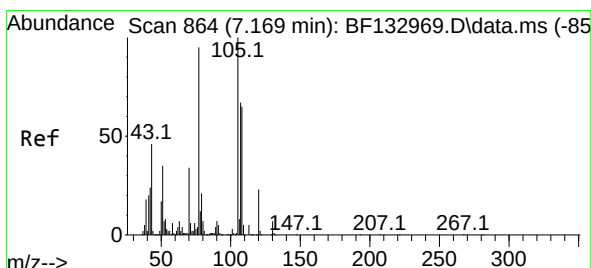
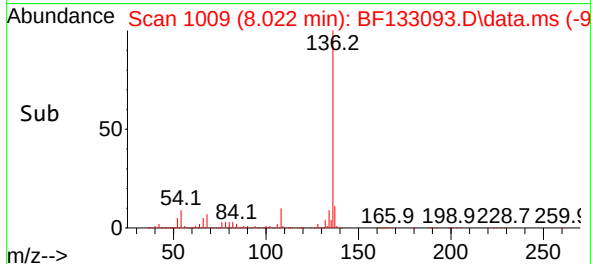
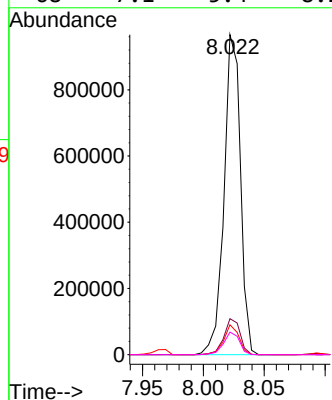
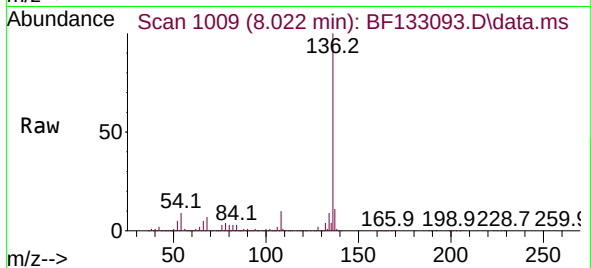
PB152407BS

Tgt Ion:136 Resp: 90754
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.3 7.0 10.4
68 7.1 5.4 8.2

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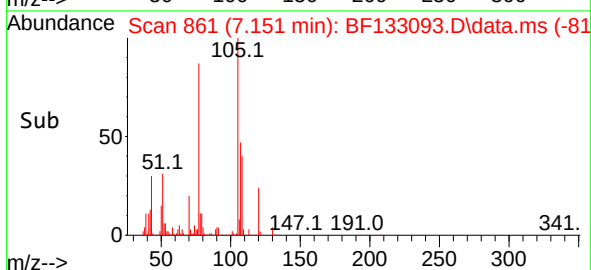
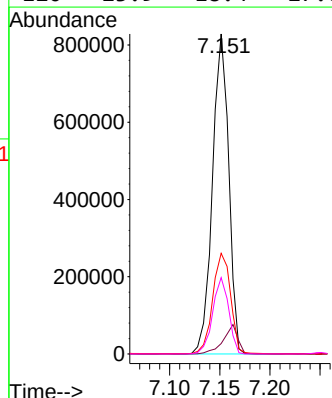
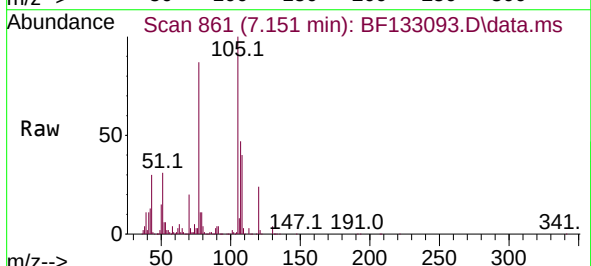
APPROVED

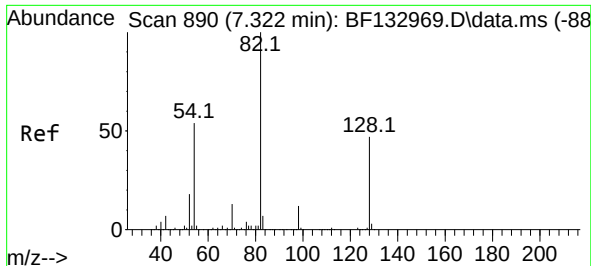
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#22
Acetophenone
Concen: 44.422 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.000 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

Tgt Ion:105 Resp: 933882
Ion Ratio Lower Upper
105 100
71 3.3 4.6 7.0#
51 31.5 28.2 42.2
120 23.9 18.4 27.6





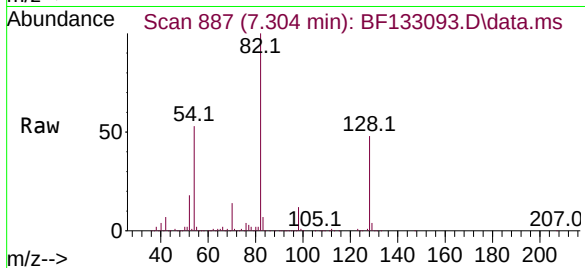
#23
Nitrobenzene-d5
Concen: 67.093 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

Instrument :

BNA_F

ClientSampleId :

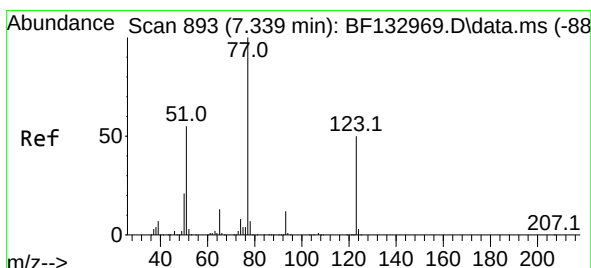
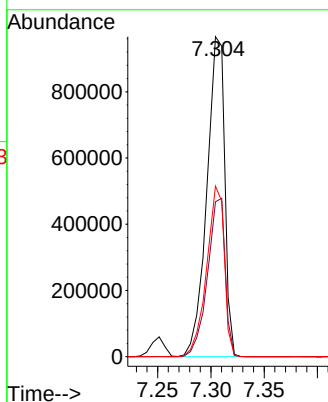
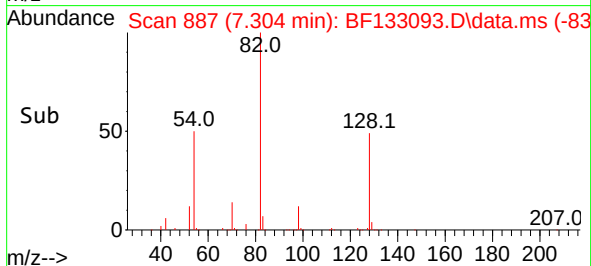
PB152407BS



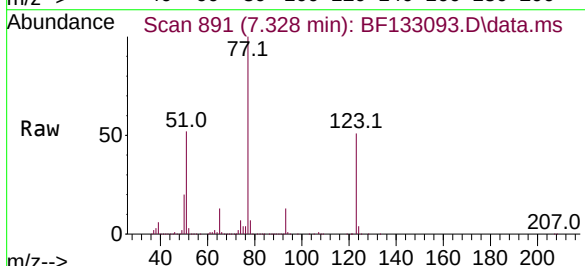
Tgt Ion: 82 Resp: 112807
Ion Ratio Lower Upper
82 100
128 48.4 37.7 56.5
54 53.3 43.0 64.4

Manual Integrations
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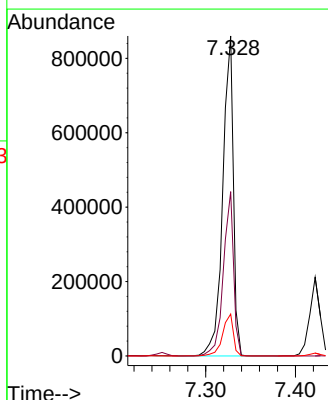
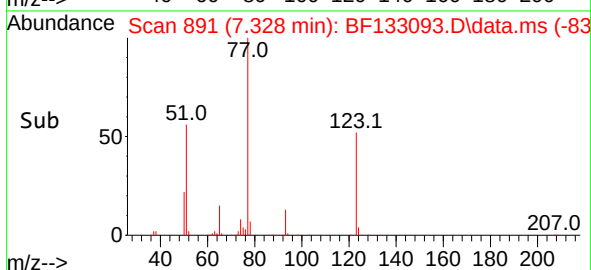
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

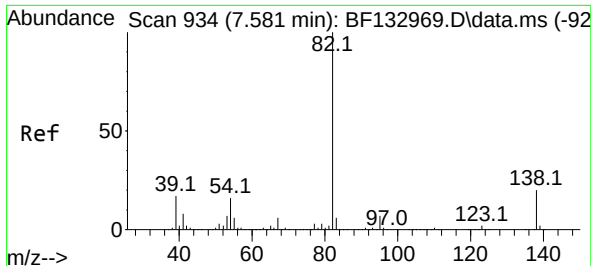


#24
Nitrobenzene
Concen: 41.432 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.006 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44



Tgt Ion: 77 Resp: 705911
Ion Ratio Lower Upper
77 100
123 51.4 39.9 59.9
65 13.1 10.7 16.1





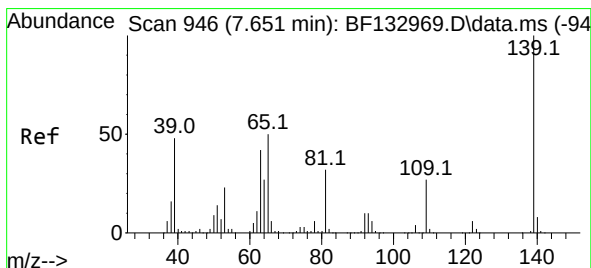
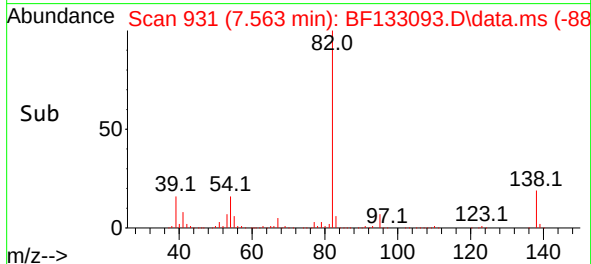
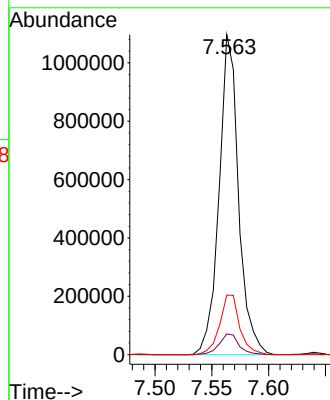
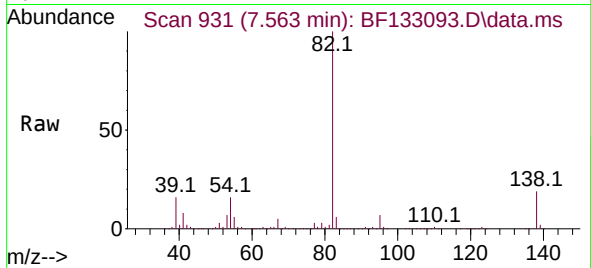
#25
Isophorone
Concen: 41.048 ng
RT: 7.563 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

Instrument :
BNA_F
ClientSampleId :
PB152407BS

Tgt Ion: 82 Resp: 1310379
Ion Ratio Lower Upper
82 100
95 6.5 5.4 8.0
138 18.6 16.0 24.0

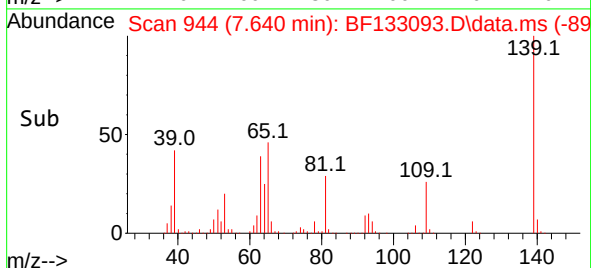
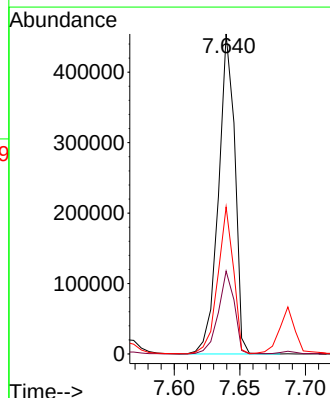
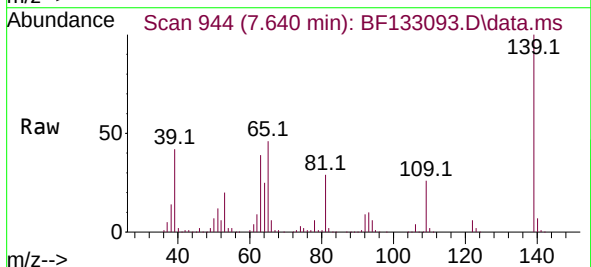
Manual Integrations
APPROVED

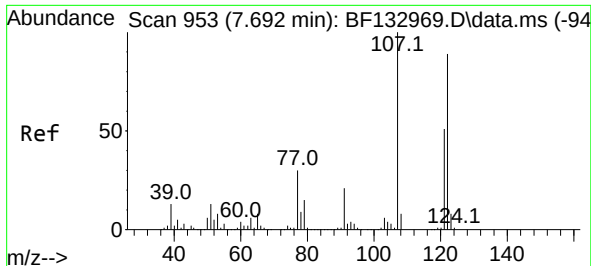
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#26
2-Nitrophenol
Concen: 47.914 ng
RT: 7.640 min Scan# 944
Delta R.T. -0.000 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

Tgt Ion:139 Resp: 393749
Ion Ratio Lower Upper
139 100
109 25.9 21.6 32.4
65 46.0 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 45.413 ng

RT: 7.687 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF133093.D

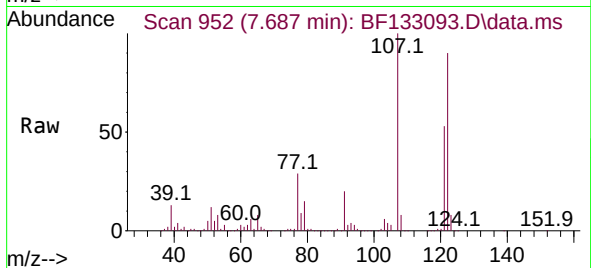
Acq: 27 Apr 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB152407BS



Tgt Ion:122 Resp: 639920

Ion Ratio Lower Upper

122 100

107 110.7 89.7 134.5

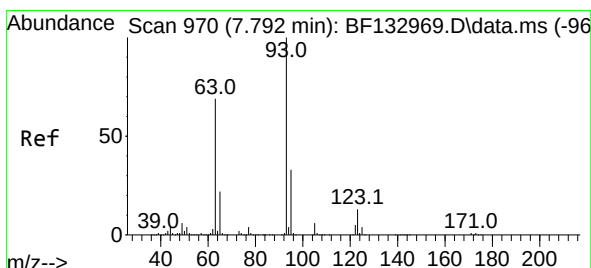
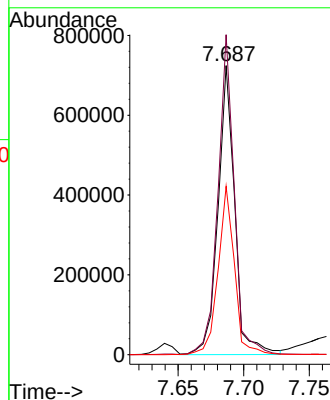
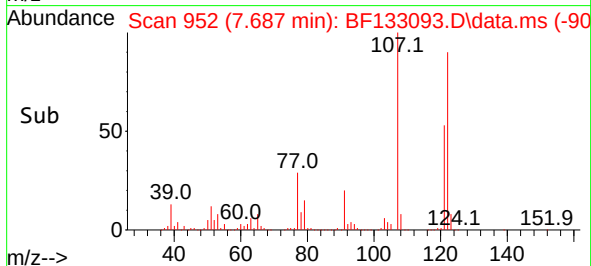
121 58.2 46.0 69.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#28

bis(2-Chloroethoxy)methane

Concen: 41.123 ng

RT: 7.781 min Scan# 968

Delta R.T. 0.006 min

Lab File: BF133093.D

Acq: 27 Apr 2023 11:44

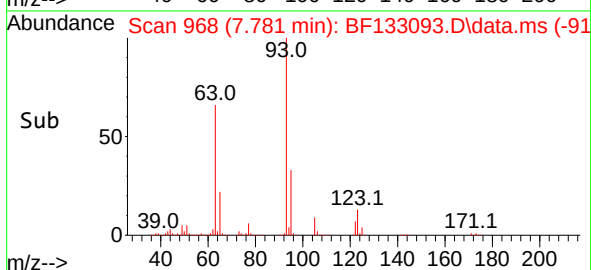
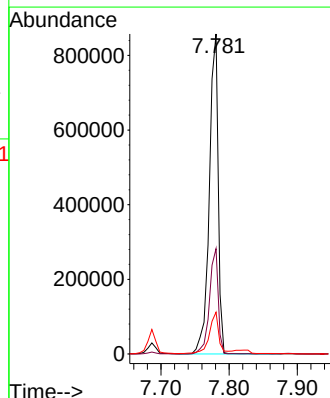
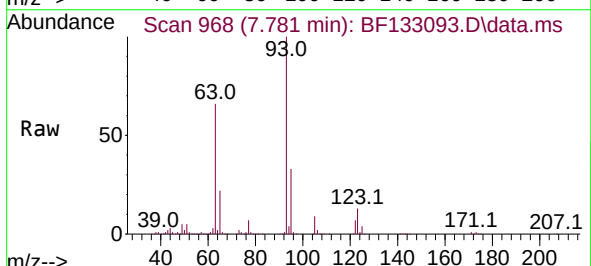
Tgt Ion: 93 Resp: 776627

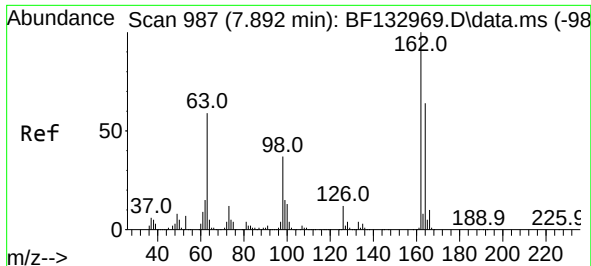
Ion Ratio Lower Upper

93 100

95 32.9 26.4 39.6

123 13.0 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 44.610 ng

RT: 7.887 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF133093.D

Acq: 27 Apr 2023 11:44

Instrument :

BNA_F

ClientSampleId :

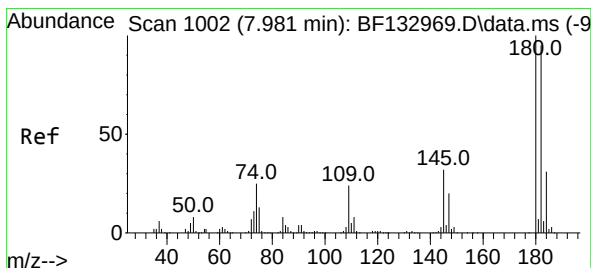
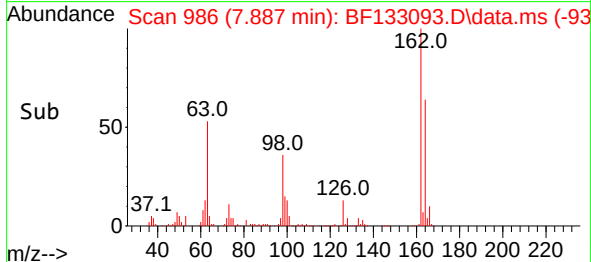
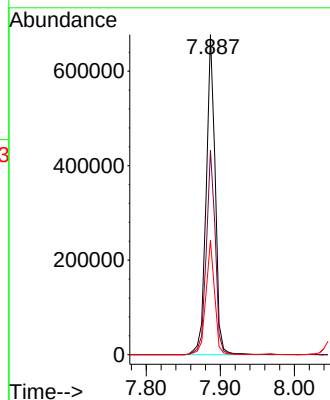
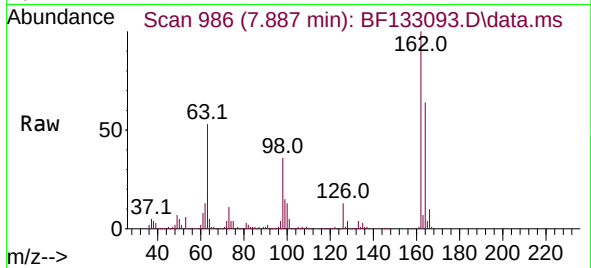
PB152407BS

Tgt Ion:162 Resp: 57225
 Ion Ratio Lower Upper
 162 100
 164 63.9 43.9 83.9
 98 35.8 17.0 57.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023
 Supervised By :Jagrut Upadhyay 04/28/2023



#30

1,2,4-Trichlorobenzene

Concen: 44.637 ng

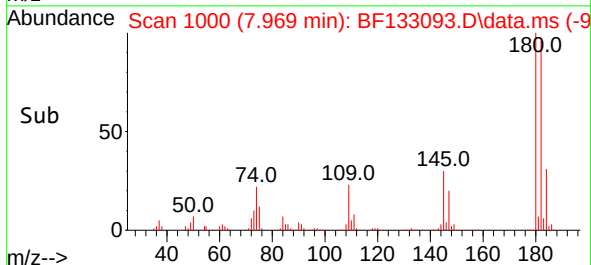
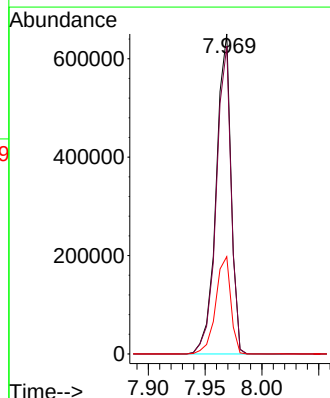
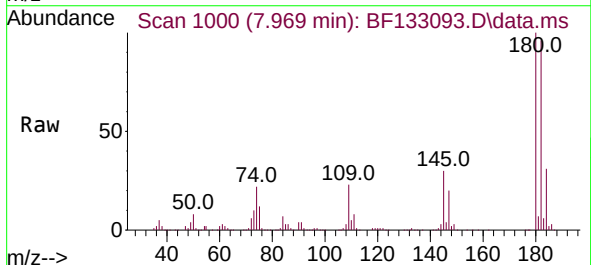
RT: 7.969 min Scan# 1000

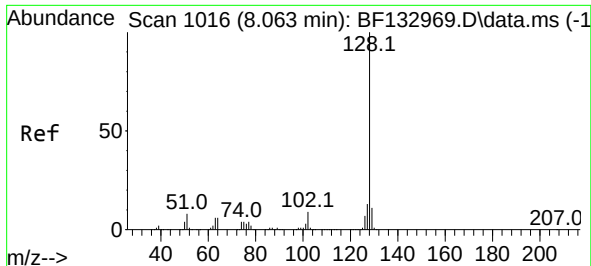
Delta R.T. -0.000 min

Lab File: BF133093.D

Acq: 27 Apr 2023 11:44

Tgt Ion:180 Resp: 593210
 Ion Ratio Lower Upper
 180 100
 182 96.1 75.9 113.9
 145 30.4 25.3 37.9





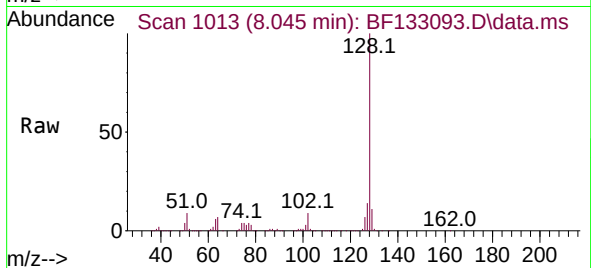
#31
Naphthalene
Concen: 42.178 ng
RT: 8.045 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB152407BS

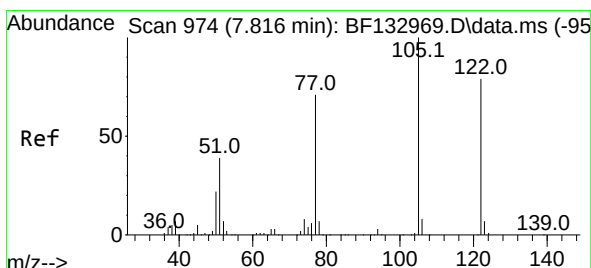
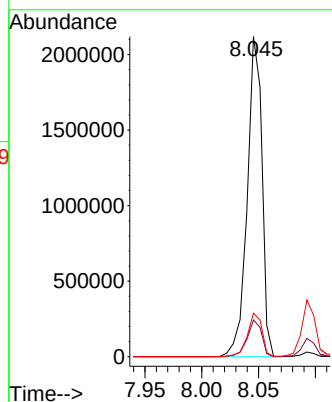
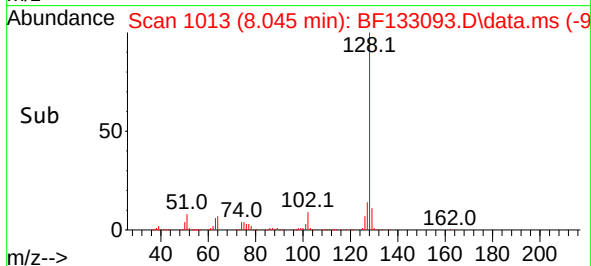


Tgt Ion:128 Resp: 191381
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.6 10.7 16.1

Manual Integrations

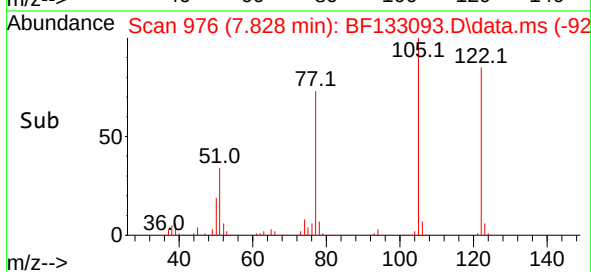
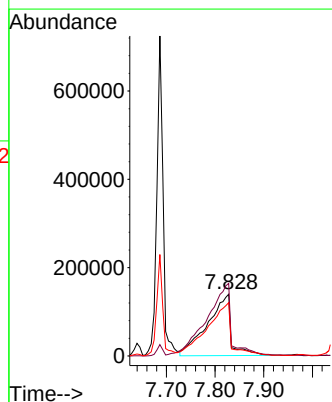
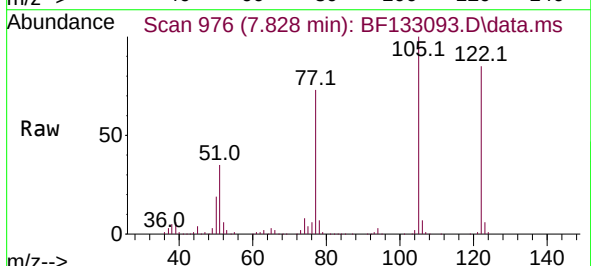
APPROVED

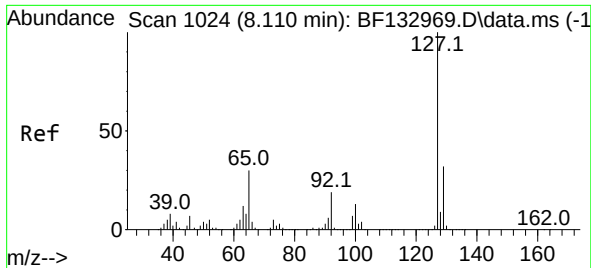
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#32
Benzoic acid
Concen: 54.387 ng
RT: 7.828 min Scan# 976
Delta R.T. 0.029 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

Tgt Ion:122 Resp: 473386
Ion Ratio Lower Upper
122 100
105 117.5 104.2 144.2
77 86.2 69.7 109.7





#33
4-Chloroaniline
Concen: 18.340 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

Instrument :

BNA_F

ClientSampleId :

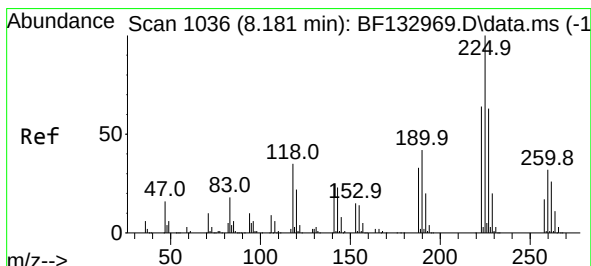
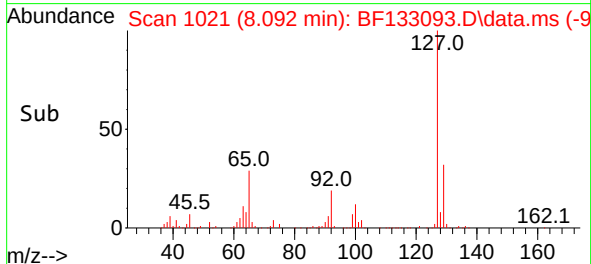
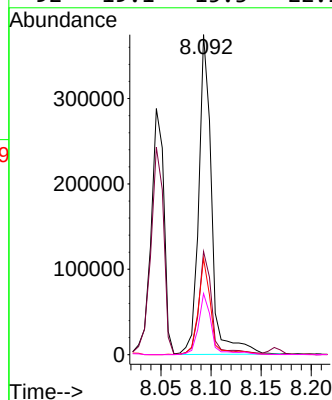
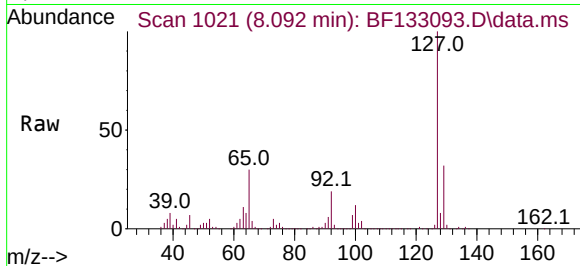
PB152407BS

Tgt Ion:127 Resp: 33623
Ion Ratio Lower Upper
127 100
129 32.3 25.8 38.8
65 30.0 23.6 35.4
92 19.1 15.3 22.9

Manual Integrations

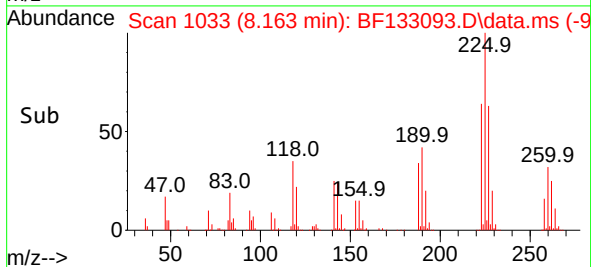
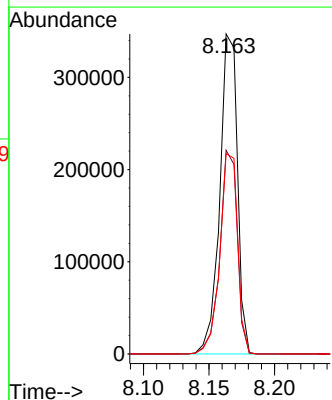
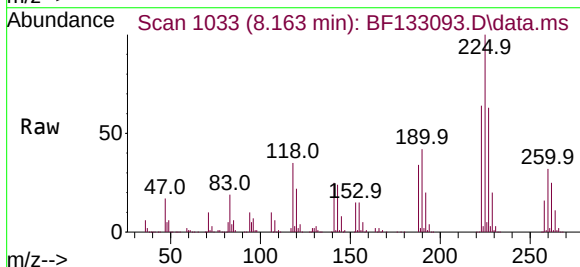
APPROVED

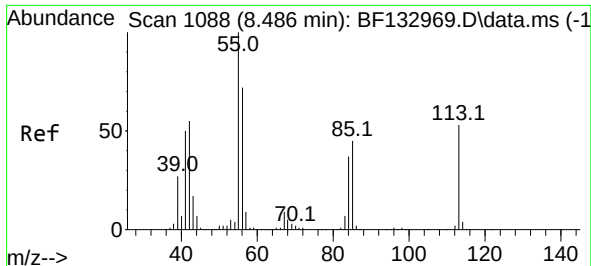
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#34
Hexachlorobutadiene
Concen: 44.022 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

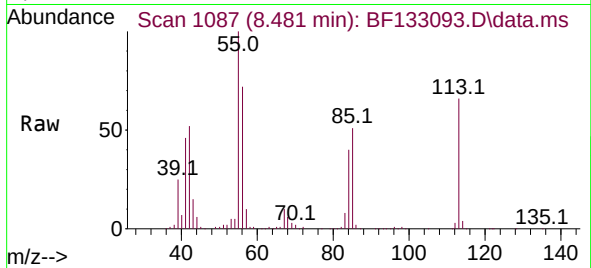
Tgt Ion:225 Resp: 324249
Ion Ratio Lower Upper
225 100
223 63.6 50.9 76.3
227 62.6 50.3 75.5





#35
Caprolactam
Concen: 48.043 ng m
RT: 8.481 min Scan# 1088
Delta R.T. 0.012 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

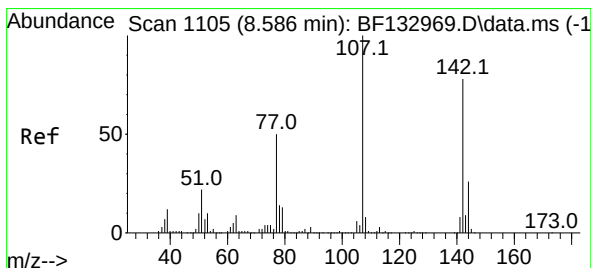
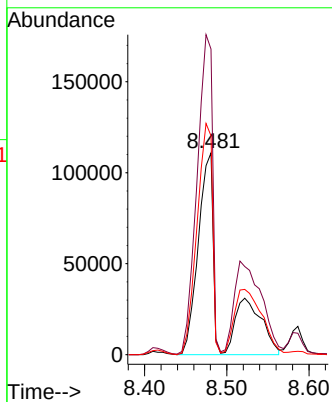
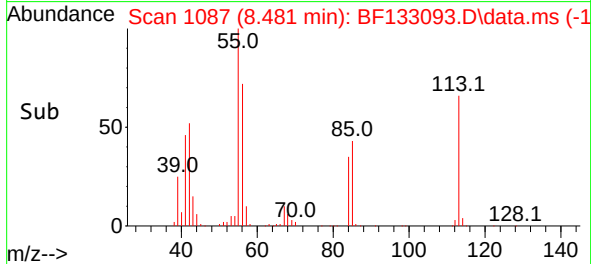
Instrument :
BNA_F
ClientSampleId :
PB152407BS



Tgt Ion:113 Resp: 207034
Ion Ratio Lower Upper
113 100
55 151.5 167.1 207.1
56 108.5 114.5 154.5

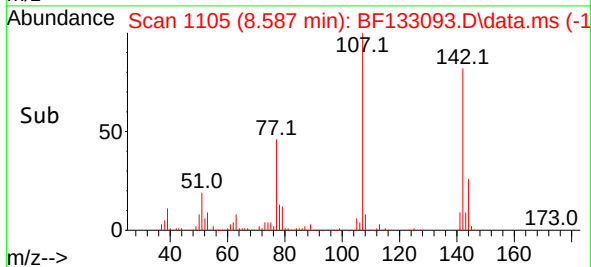
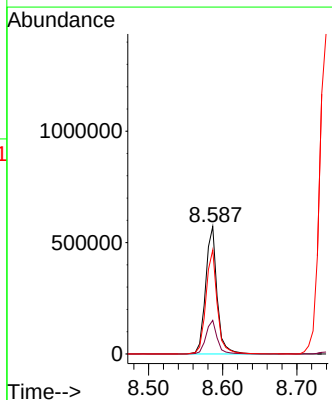
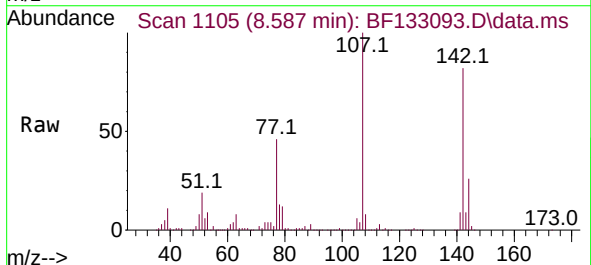
Manual Integrations
APPROVED

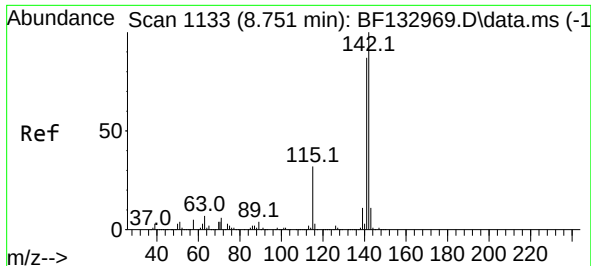
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#36
4-Chloro-3-methylphenol
Concen: 44.424 ng
RT: 8.587 min Scan# 1105
Delta R.T. 0.006 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

Tgt Ion:107 Resp: 614532
Ion Ratio Lower Upper
107 100
144 26.4 20.6 30.8
142 81.6 62.8 94.2





#37
2-Methylnaphthalene
Concen: 40.554 ng
RT: 8.739 min Scan# 1133
Delta R.T. 0.006 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

Instrument :

BNA_F

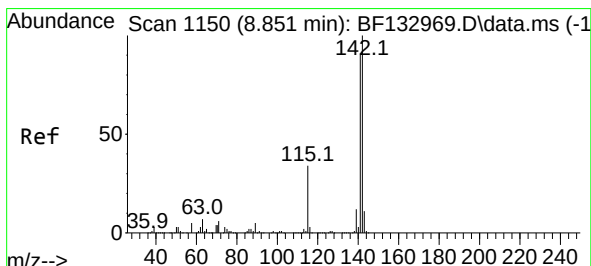
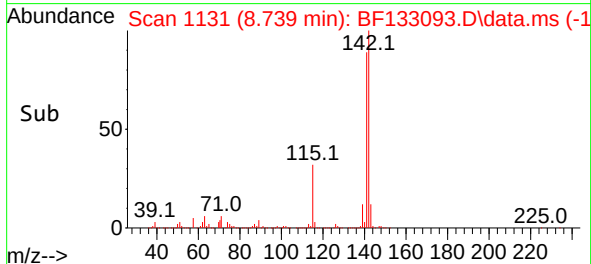
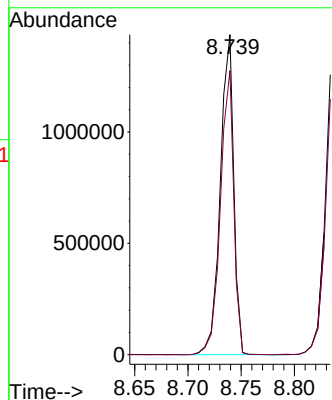
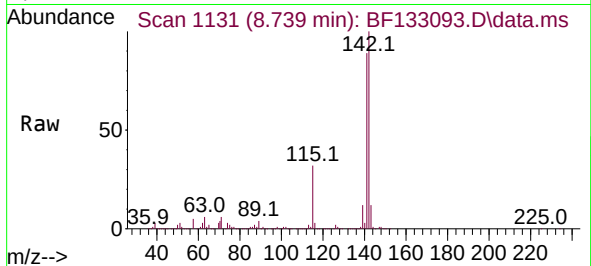
ClientSampleId :

PB152407BS

Tgt Ion:142 Resp: 125805
Ion Ratio Lower Upper
142 100
141 88.8 69.4 104.0

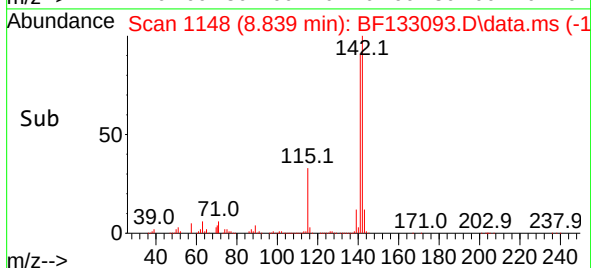
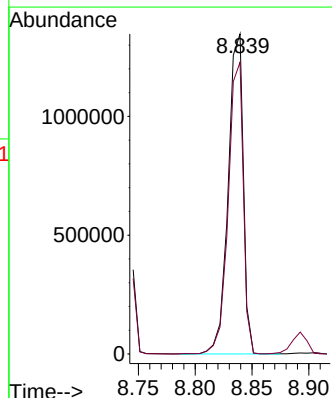
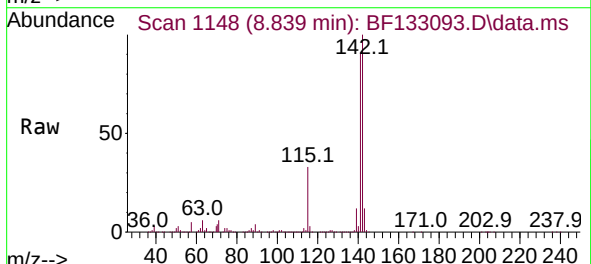
Manual Integrations
APPROVED

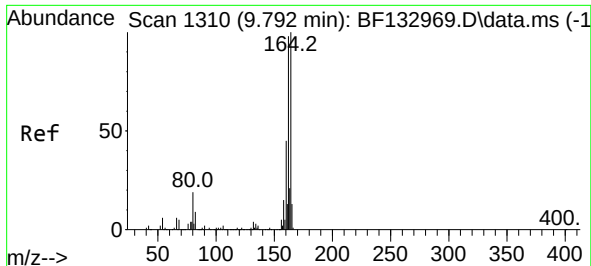
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#38
1-Methylnaphthalene
Concen: 42.960 ng
RT: 8.839 min Scan# 1148
Delta R.T. 0.006 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

Tgt Ion:142 Resp: 1246687
Ion Ratio Lower Upper
142 100
141 91.1 73.1 109.7





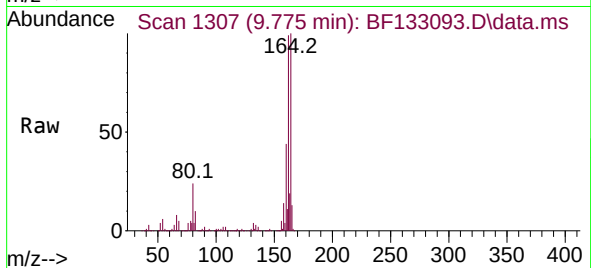
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB152407BS

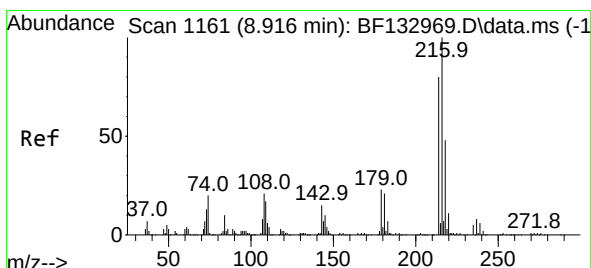
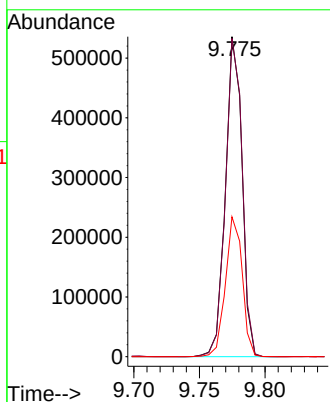
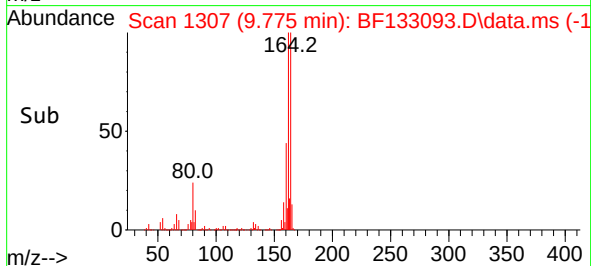


Tgt Ion:164 Resp: 470810
Ion Ratio Lower Upper
164 100
162 99.4 78.7 118.1
160 43.7 35.8 53.6

Manual Integrations

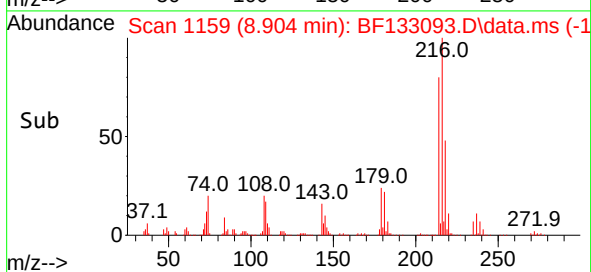
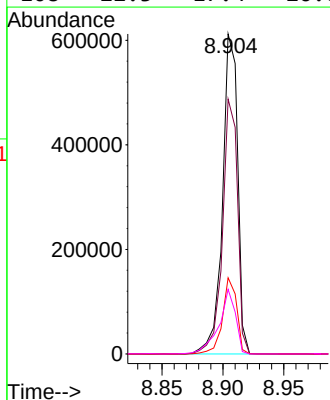
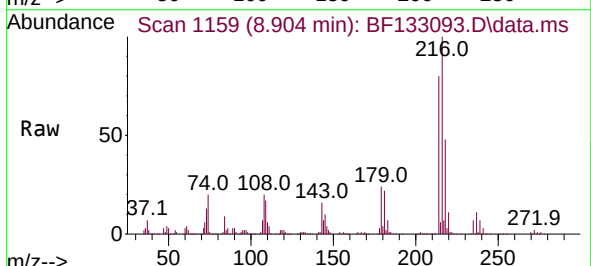
APPROVED

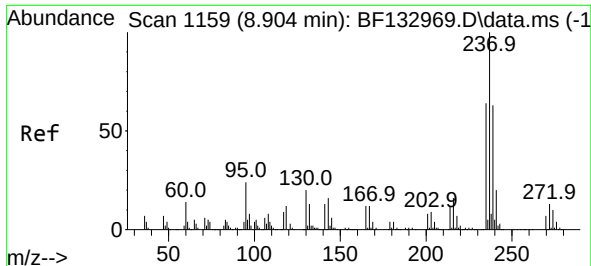
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.889 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

Tgt Ion:216 Resp: 530257
Ion Ratio Lower Upper
216 100
214 78.9 63.5 95.3
179 22.4 17.4 26.2
108 22.3 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 97.483 ng
RT: 8.892 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

Instrument :

BNA_F

ClientSampleId :

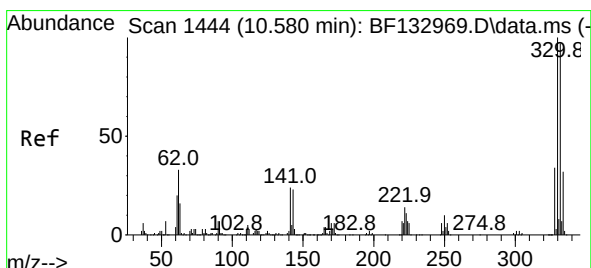
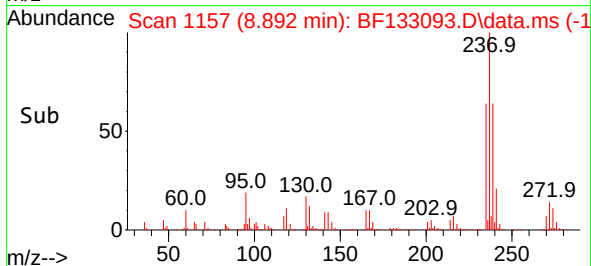
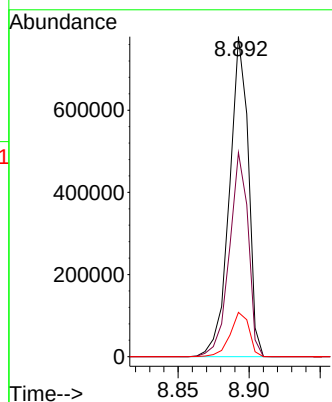
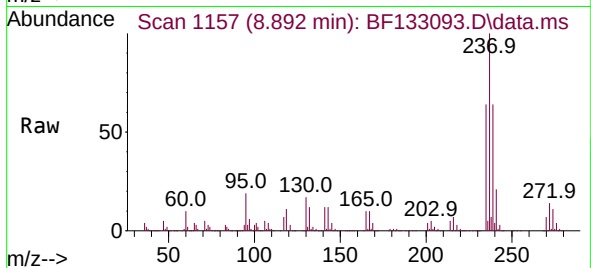
PB152407BS

Tgt Ion:237 Resp: 719680
Ion Ratio Lower Upper
237 100
235 63.8 43.5 83.5
272 13.8 0.0 32.7

Manual Integrations

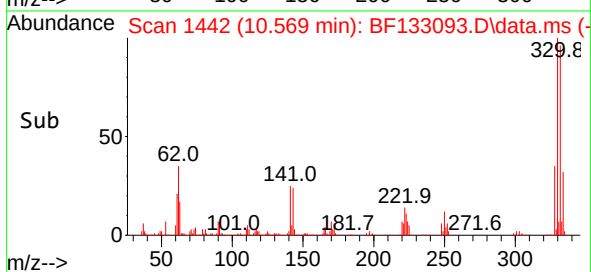
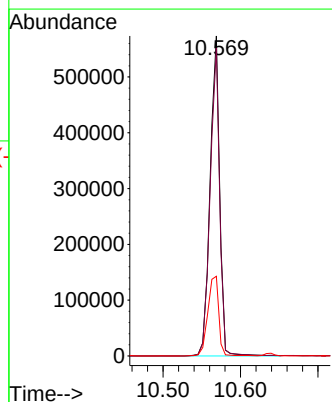
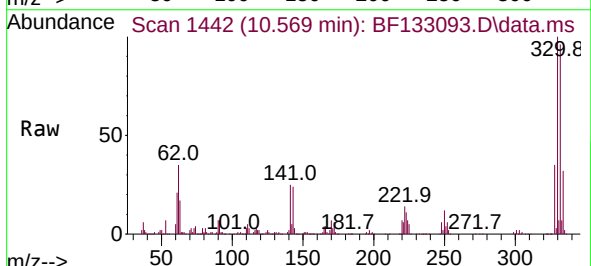
APPROVED

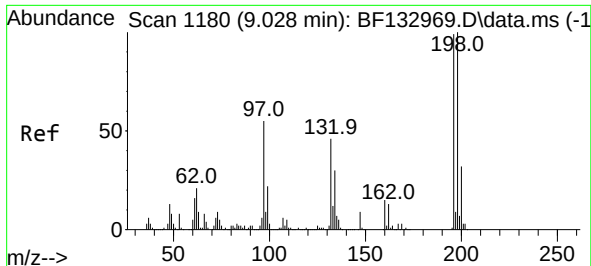
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#42
2,4,6-Tribromophenol
Concen: 103.897 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

Tgt Ion:330 Resp: 491941
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 28.6 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 43.524 ng

RT: 9.016 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF133093.D

Acq: 27 Apr 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB152407BS

Tgt Ion:196 Resp: 38103

Ion Ratio Lower Upper

196 100

198 99.7 81.0 121.6

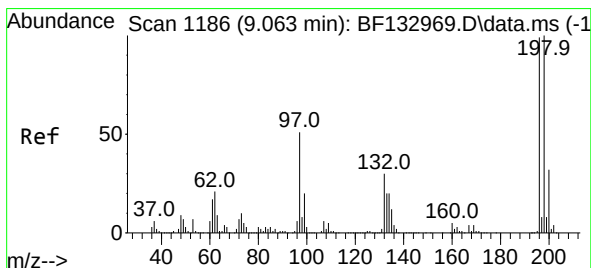
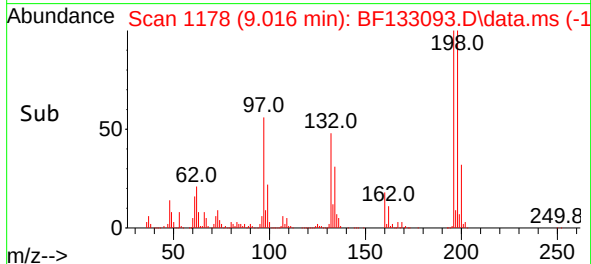
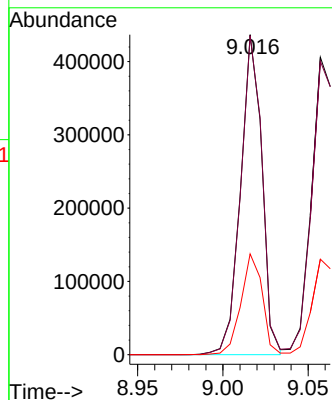
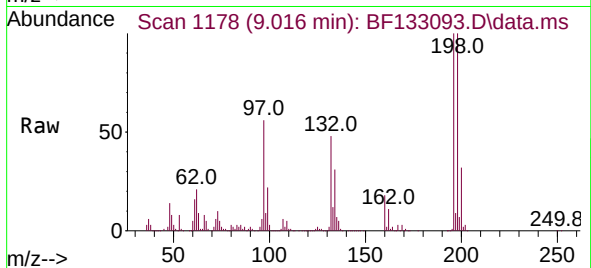
200 31.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#44

2,4,5-Trichlorophenol

Concen: 40.939 ng

RT: 9.057 min Scan# 1185

Delta R.T. -0.000 min

Lab File: BF133093.D

Acq: 27 Apr 2023 11:44

Tgt Ion:196 Resp: 414493

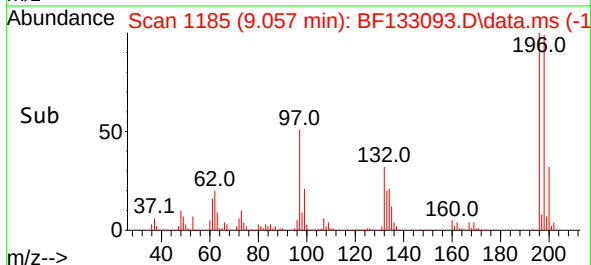
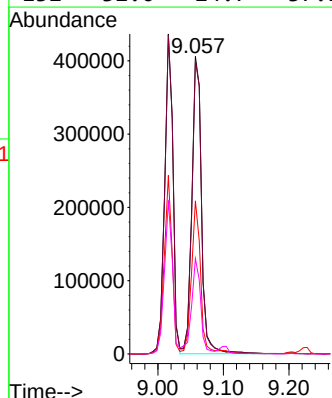
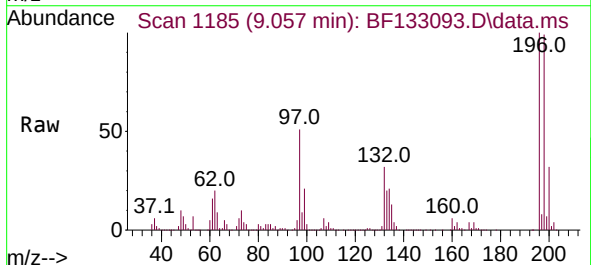
Ion Ratio Lower Upper

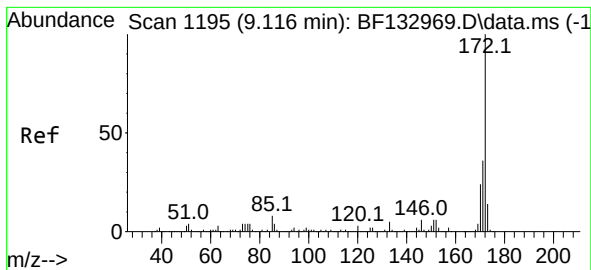
196 100

198 98.6 80.9 121.3

97 51.5 41.3 61.9

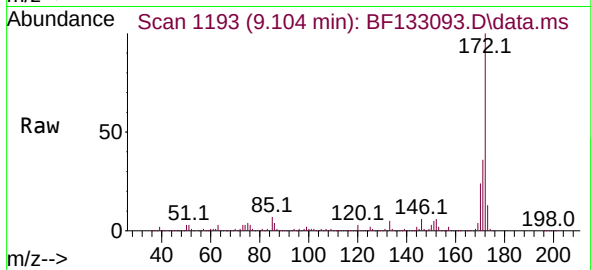
132 32.0 24.7 37.1





#45
2-Fluorobiphenyl
Concen: 69.273 ng
RT: 9.104 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

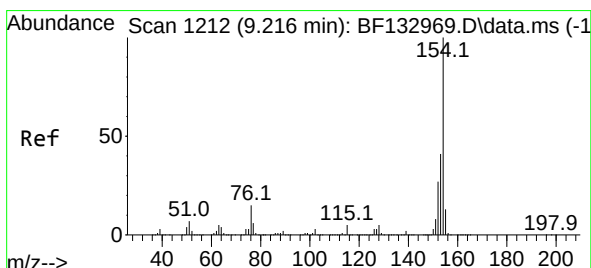
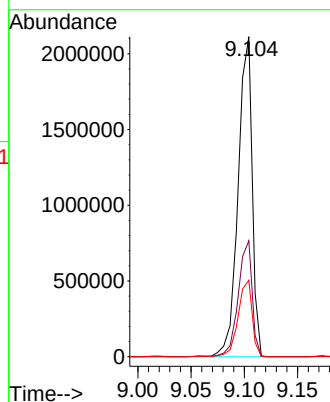
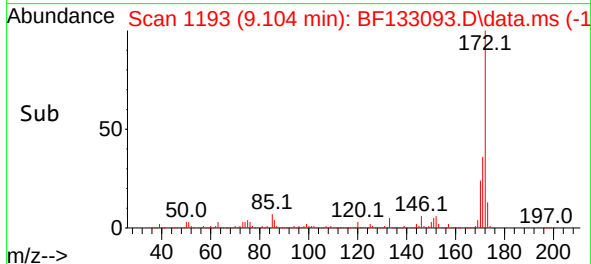
Instrument :
BNA_F
ClientSampleId :
PB152407BS



Tgt Ion:172 Resp: 1949464
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 23.9 19.4 29.2

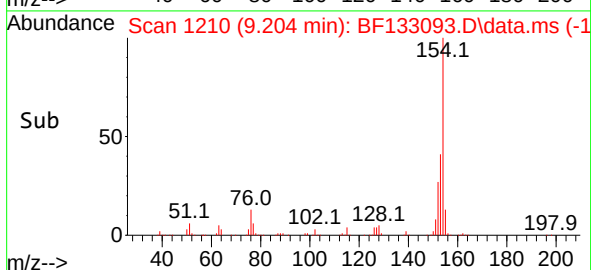
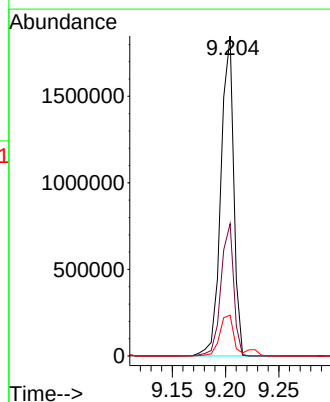
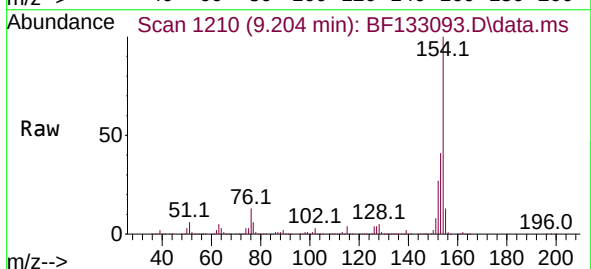
Manual Integrations
APPROVED

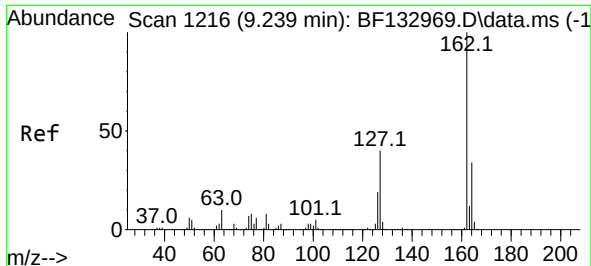
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#46
1,1'-Biphenyl
Concen: 41.291 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.006 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

Tgt Ion:154 Resp: 1541517
Ion Ratio Lower Upper
154 100
153 41.3 21.0 61.0
76 12.7 0.0 34.5





#47

2-Chloronaphthalene

Concen: 42.636 ng

RT: 9.228 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133093.D

Acq: 27 Apr 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB152407BS

Tgt Ion:162 Resp: 116505

Ion Ratio Lower Upper

162 100

127 40.2 32.3 48.5

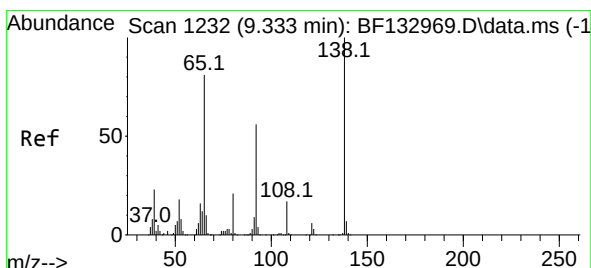
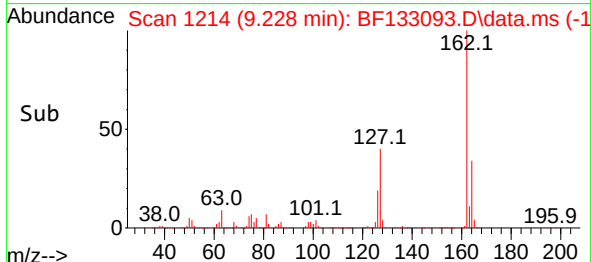
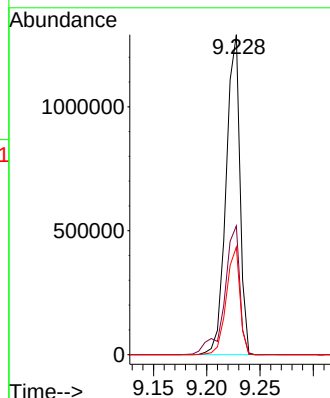
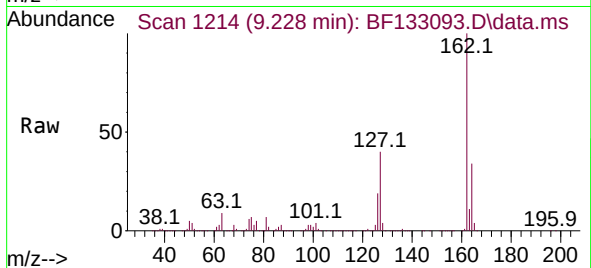
164 33.6 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#48

2-Nitroaniline

Concen: 39.957 ng

RT: 9.322 min Scan# 1230

Delta R.T. 0.006 min

Lab File: BF133093.D

Acq: 27 Apr 2023 11:44

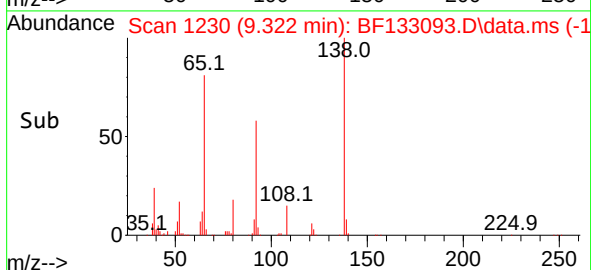
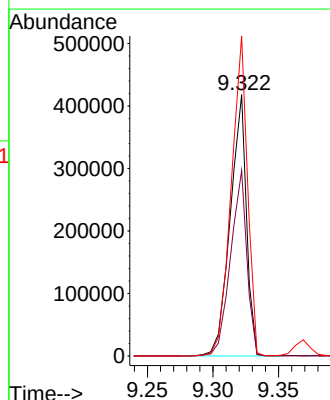
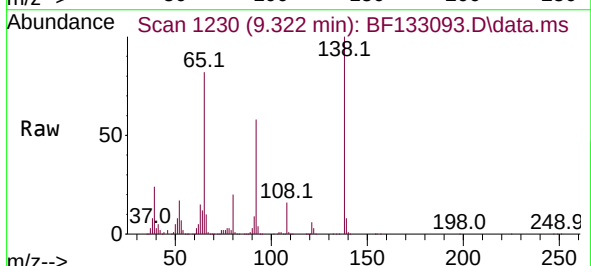
Tgt Ion: 65 Resp: 360850

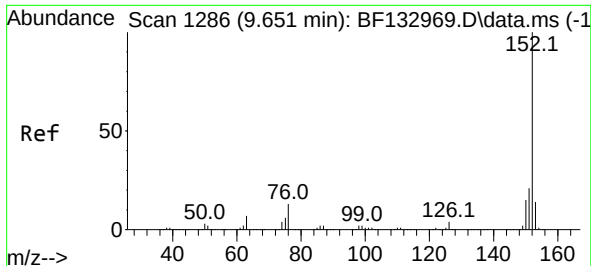
Ion Ratio Lower Upper

65 100

92 71.0 55.4 83.0

138 122.5 98.2 147.2





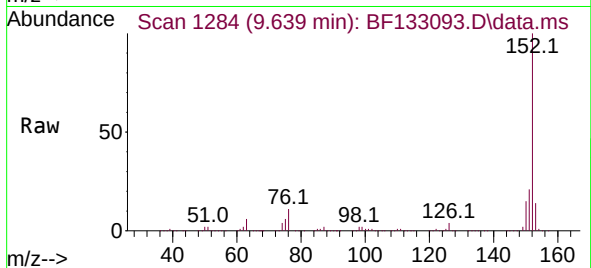
#49
Acenaphthylene
Concen: 41.465 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB152407BS

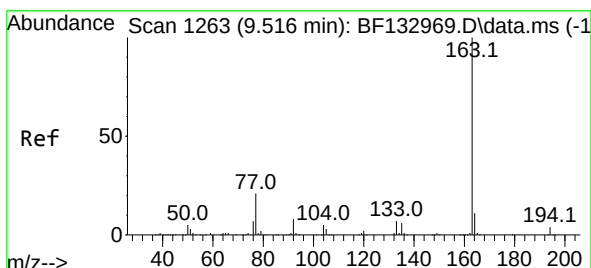
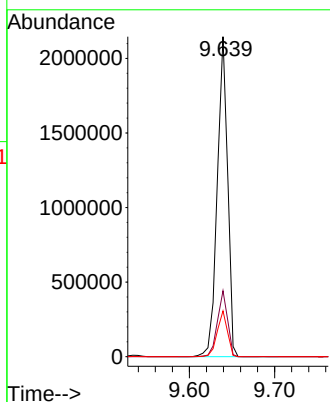
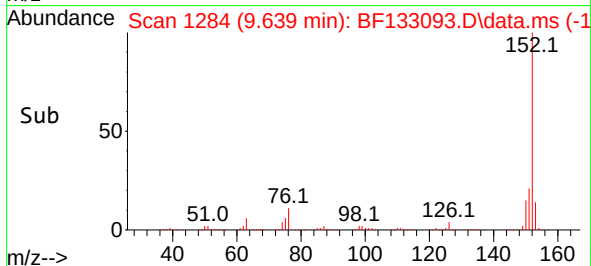


Tgt Ion:152 Resp: 181044
Ion Ratio Lower Upper
152 100
151 20.6 16.6 24.8
153 14.3 11.5 17.3

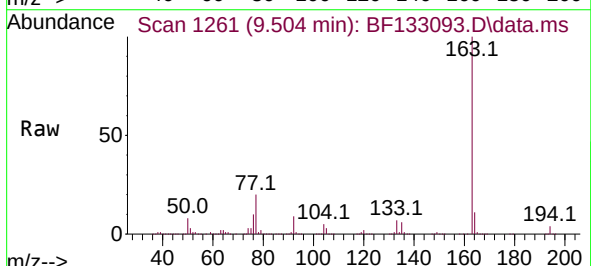
Manual Integrations

APPROVED

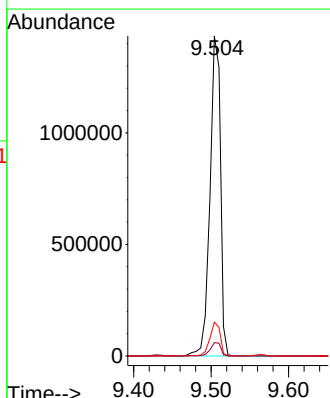
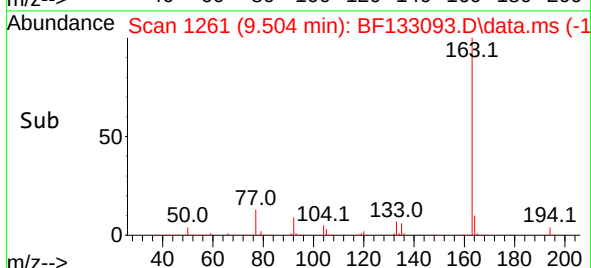
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

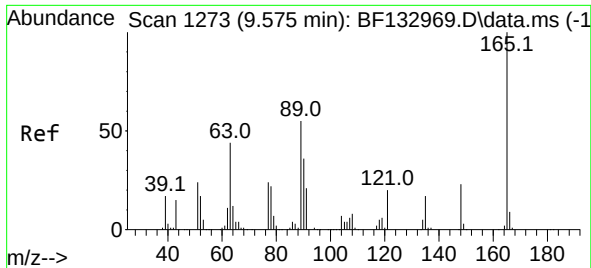


#50
Dimethylphthalate
Concen: 41.127 ng
RT: 9.504 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44



Tgt Ion:163 Resp: 1350156
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.6 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 43.373 ng
RT: 9.563 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

Instrument :

BNA_F

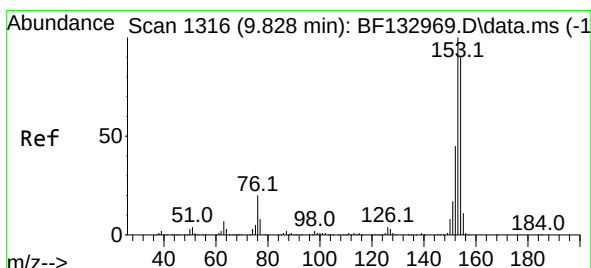
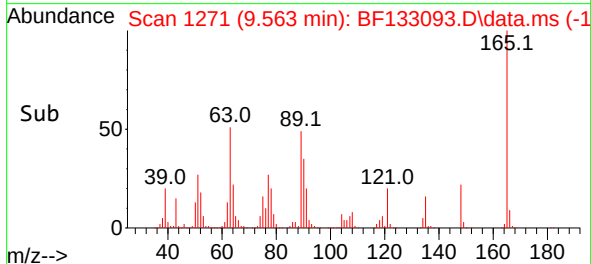
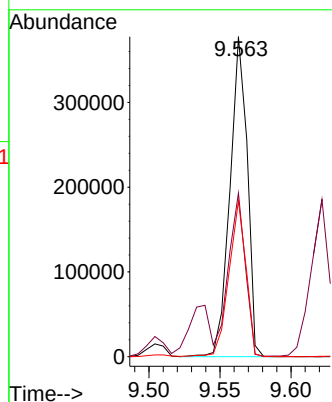
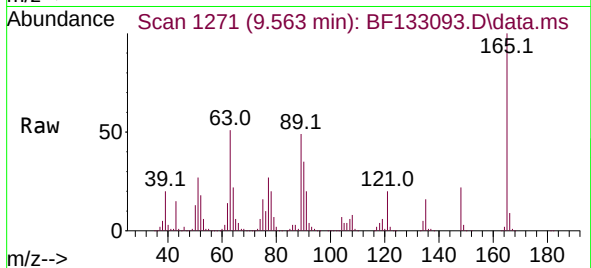
ClientSampleId :

PB152407BS

Tgt Ion:165 Resp: 32047
Ion Ratio Lower Upper
165 100
63 51.2 45.9 68.9
89 48.7 44.0 66.0

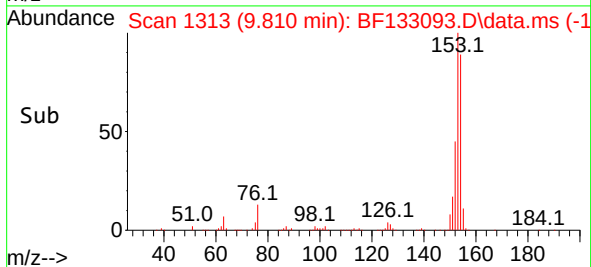
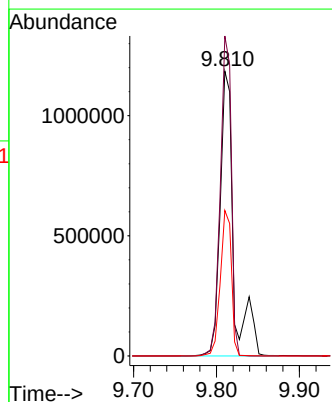
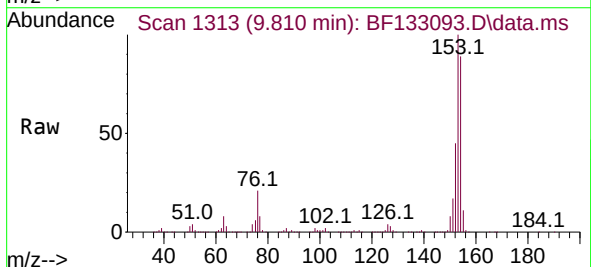
Manual Integrations
APPROVED

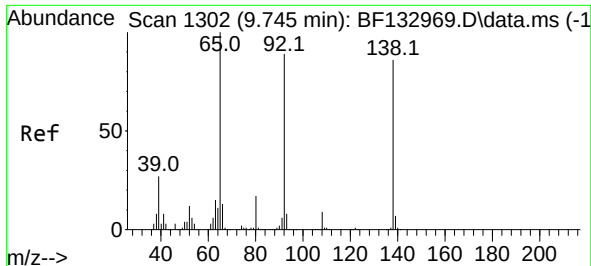
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#52
Acenaphthene
Concen: 45.769 ng m
RT: 9.810 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

Tgt Ion:154 Resp: 1338401
Ion Ratio Lower Upper
154 100
153 112.4 89.0 133.6
152 51.1 40.4 60.6





#53
3-Nitroaniline
Concen: 29.090 ng
RT: 9.734 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

Instrument :

BNA_F

ClientSampleId :

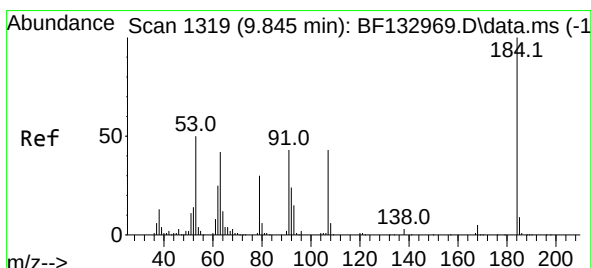
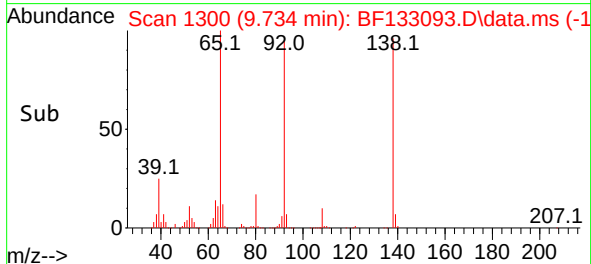
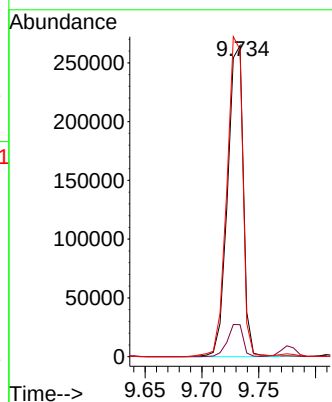
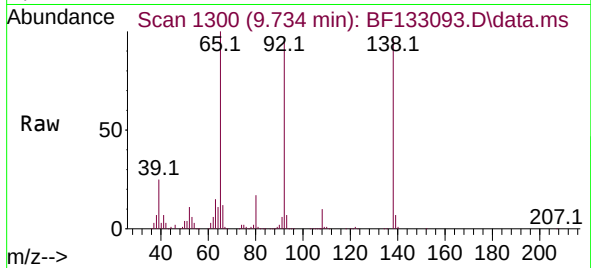
PB152407BS

Tgt Ion:138 Resp: 255570
Ion Ratio Lower Upper
138 100
108 10.3 8.0 12.0
92 98.7 83.6 125.4

Manual Integrations

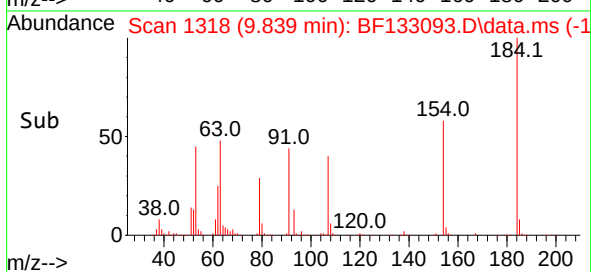
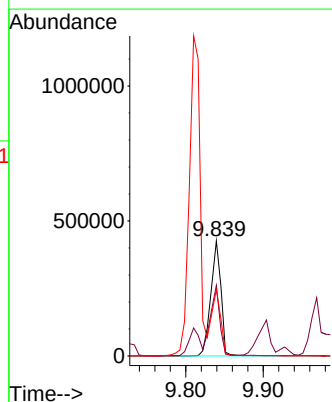
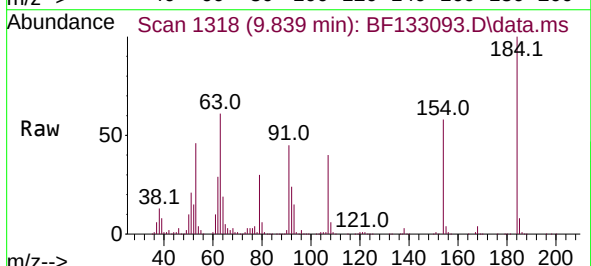
APPROVED

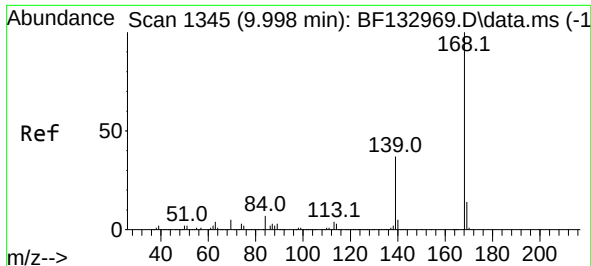
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#54
2,4-Dinitrophenol
Concen: 105.520 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

Tgt Ion:184 Resp: 391901
Ion Ratio Lower Upper
184 100
63 61.4 49.8 74.8
154 57.8 49.5 74.3





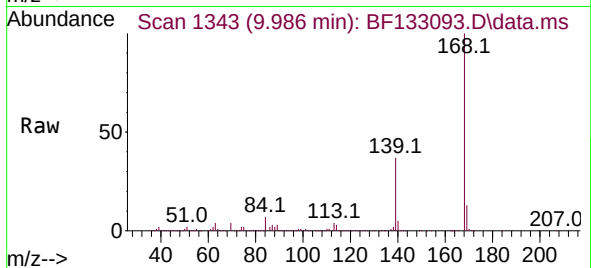
#55
Dibenzenofuran
Concen: 40.157 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB152407BS

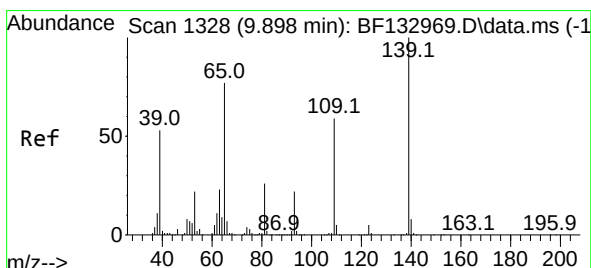
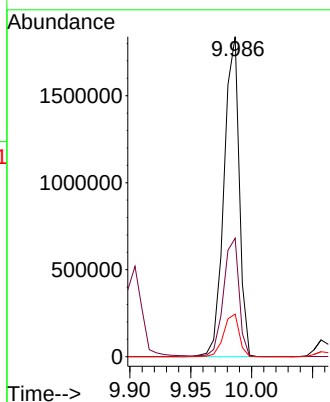
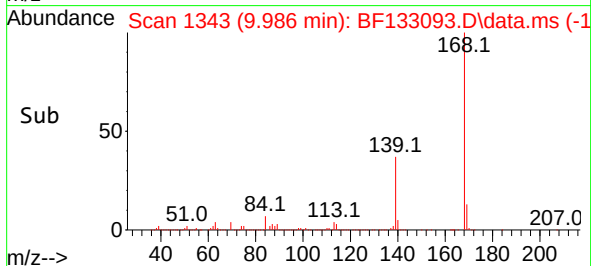


Tgt Ion:168 Resp: 1601840
Ion Ratio Lower Upper
168 100
139 37.0 29.8 44.8
169 13.3 10.8 16.2

Manual Integrations

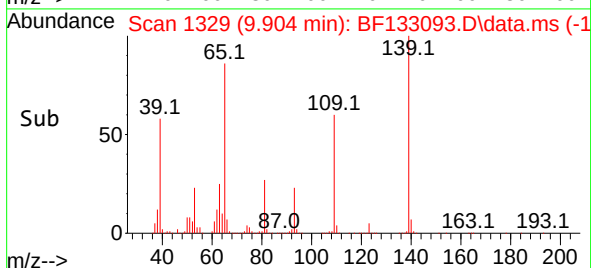
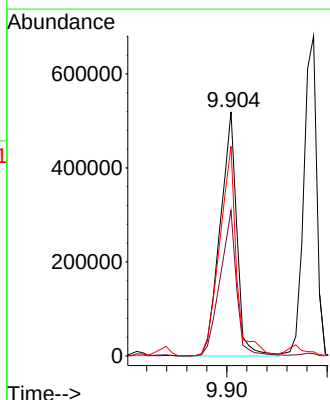
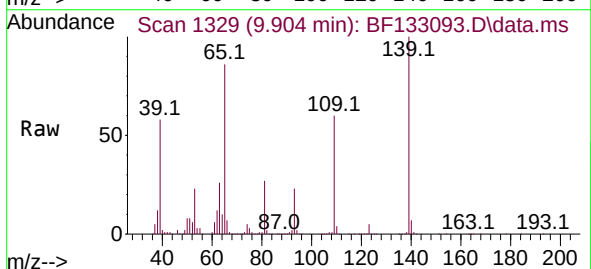
APPROVED

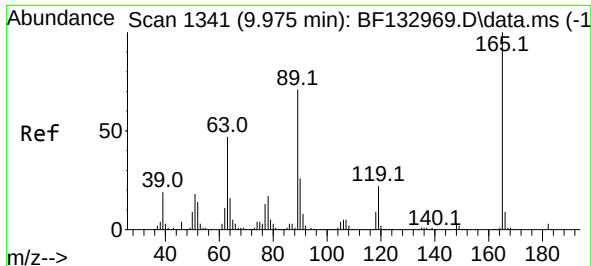
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#56
4-Nitrophenol
Concen: 87.907 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.012 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

Tgt Ion:139 Resp: 598168
Ion Ratio Lower Upper
139 100
109 59.6 39.4 79.4
65 85.8 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 43.776 ng

RT: 9.969 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133093.D

Acq: 27 Apr 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB152407BS

Tgt Ion:165 Resp: 412498

Ion Ratio Lower Upper

165 100

63 42.0 37.7 56.5

89 65.0 57.0 85.4

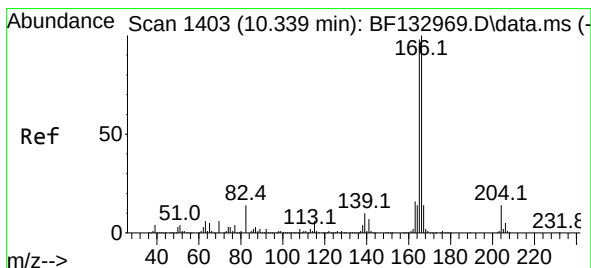
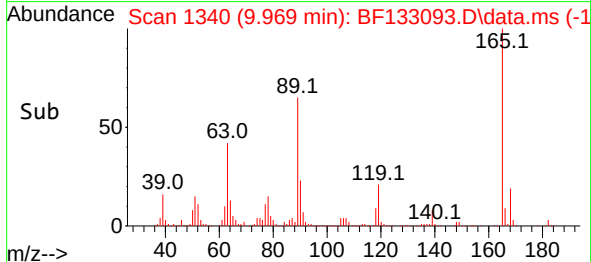
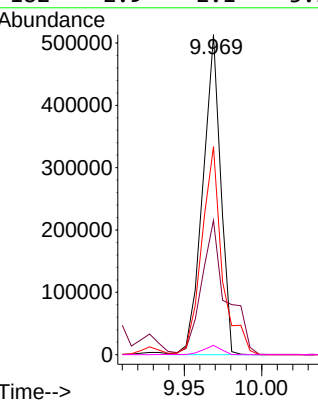
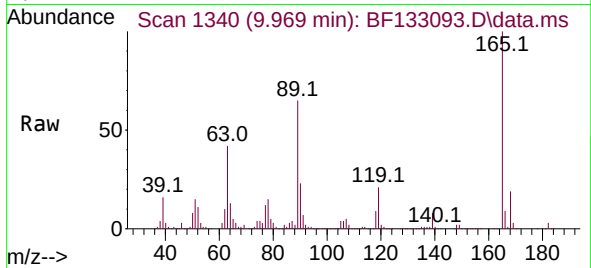
182 2.9 2.1 3.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#58

Fluorene

Concen: 40.537 ng

RT: 10.328 min Scan# 1401

Delta R.T. -0.000 min

Lab File: BF133093.D

Acq: 27 Apr 2023 11:44

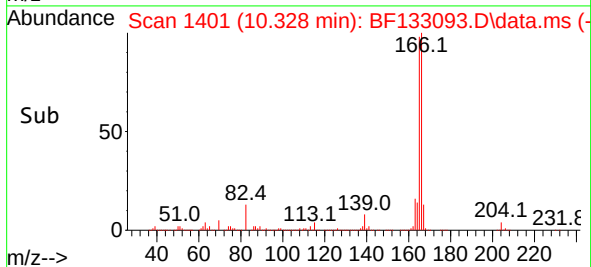
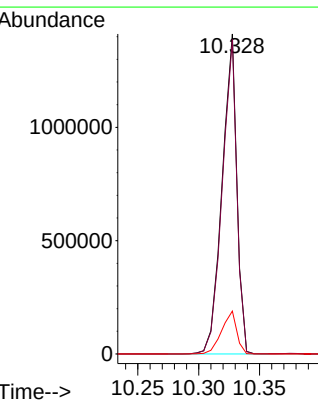
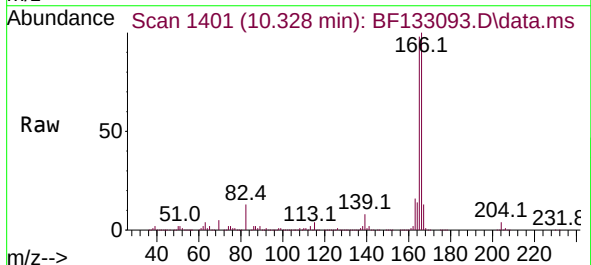
Tgt Ion:166 Resp: 1184671

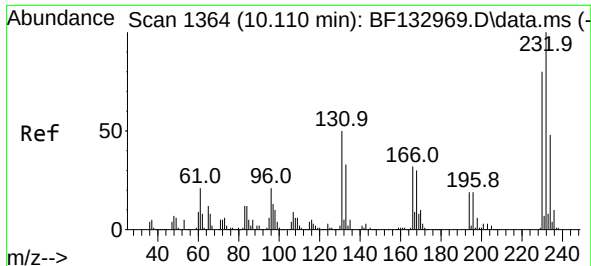
Ion Ratio Lower Upper

166 100

165 98.3 78.6 117.8

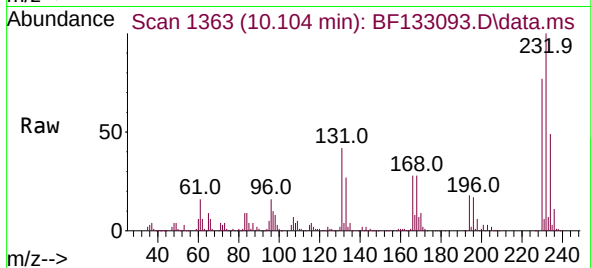
167 13.4 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.056 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

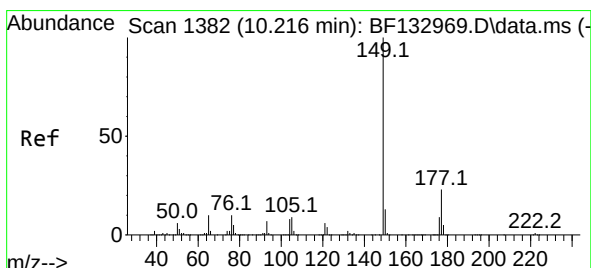
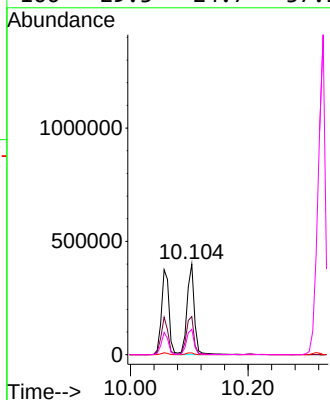
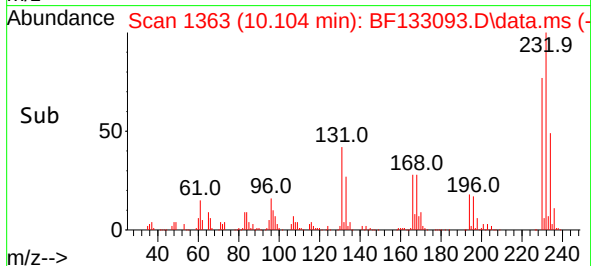
Instrument :
BNA_F
ClientSampleId :
PB152407BS



Tgt Ion:232 Resp: 34580
Ion Ratio Lower Upper
232 100
131 45.0 38.0 57.0
130 2.2 1.8 2.8
166 29.3 24.7 37.1

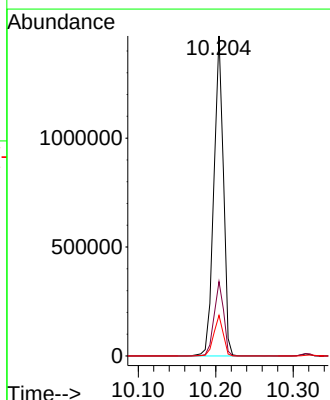
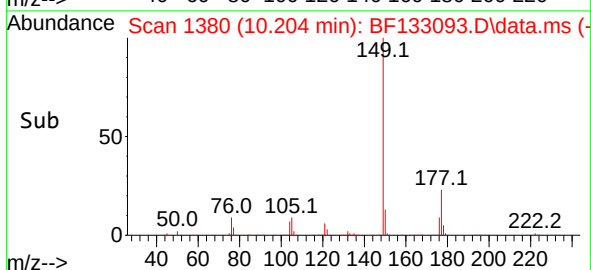
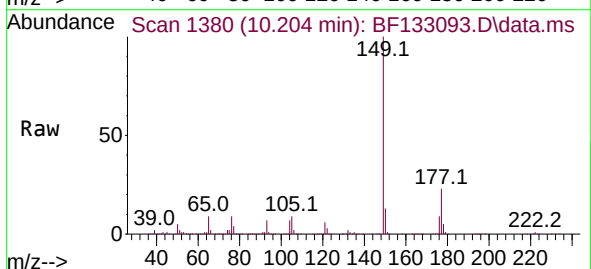
Manual Integrations
APPROVED

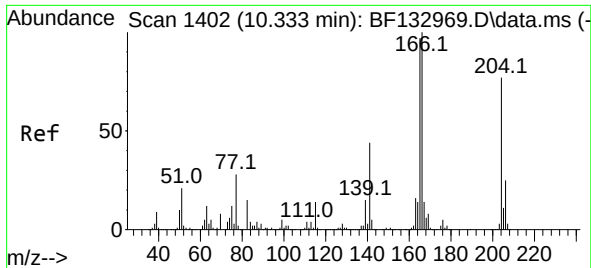
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#60
Diethylphthalate
Concen: 40.359 ng
RT: 10.204 min Scan# 1380
Delta R.T. -0.000 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

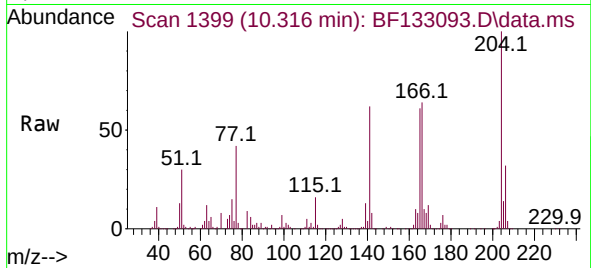
Tgt Ion:149 Resp: 1251471
Ion Ratio Lower Upper
149 100
177 23.3 18.2 27.4
150 12.7 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 40.177 ng
RT: 10.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

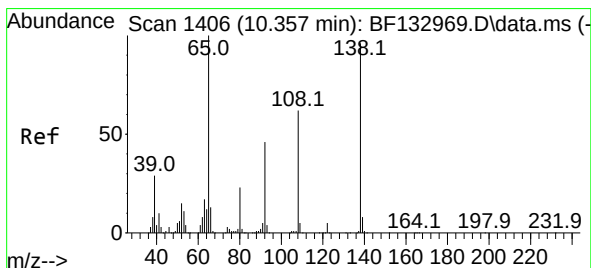
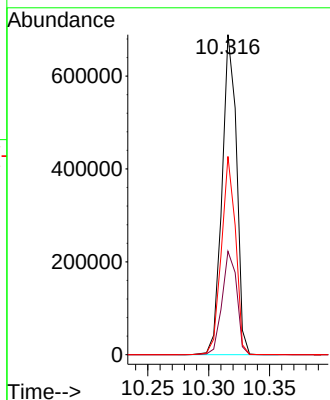
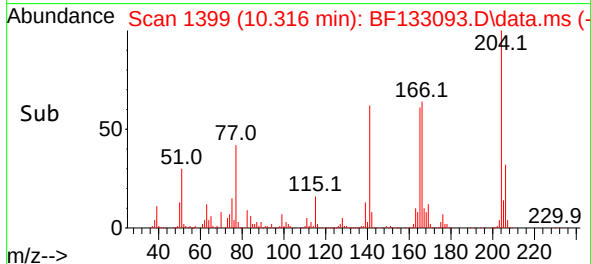
Instrument :
BNA_F
ClientSampleId :
PB152407BS



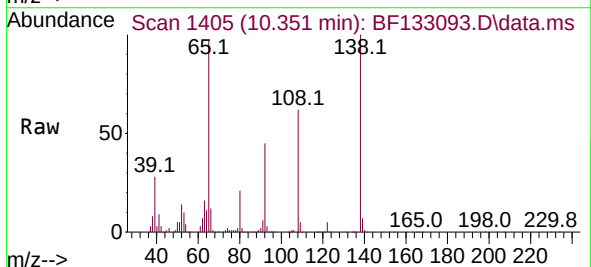
Tgt Ion:204 Resp: 572194
Ion Ratio Lower Upper
204 100
206 32.3 26.1 39.1
141 62.0 46.1 69.1

Manual Integrations
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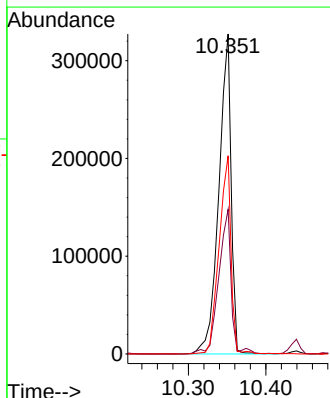
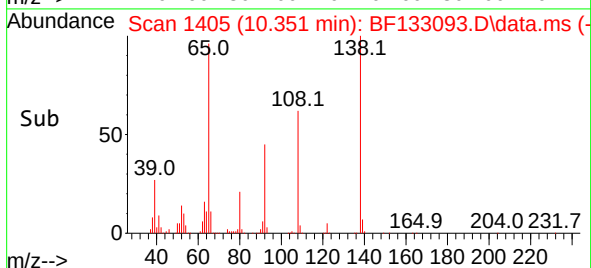
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

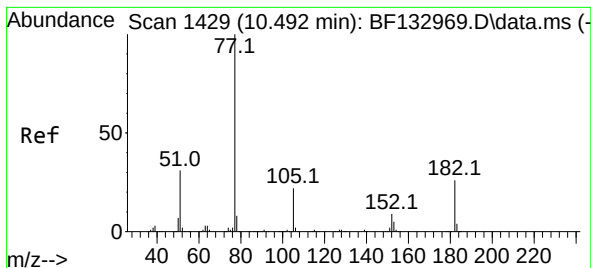


#62
4-Nitroaniline
Concen: 44.757 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44



Tgt Ion:138 Resp: 361405
Ion Ratio Lower Upper
138 100
92 45.2 27.7 67.7
108 62.0 45.2 85.2





#63

Azobenzene

Concen: 37.817 ng

RT: 10.481 min Scan# 1429

Delta R.T. 0.006 min

Lab File: BF133093.D

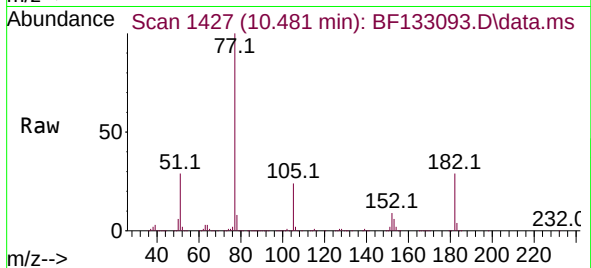
Acq: 27 Apr 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB152407BS



Tgt Ion: 77 Resp: 1242250

Ion Ratio Lower Upper

77 100

182 29.2 5.9 45.9

105 23.8 2.3 42.3

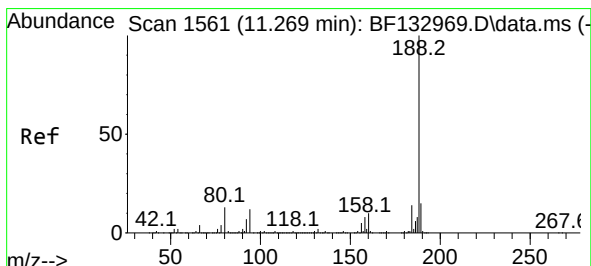
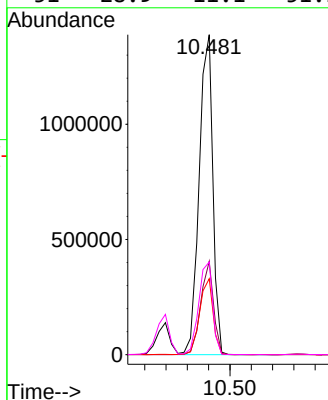
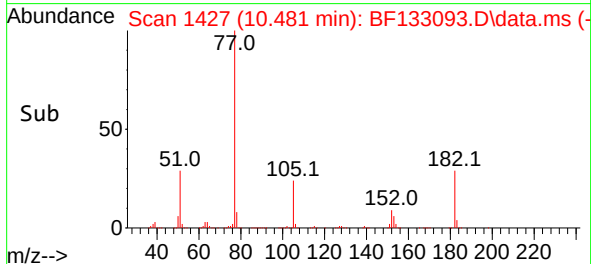
51 28.9 11.1 51.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.257 min Scan# 1559

Delta R.T. -0.000 min

Lab File: BF133093.D

Acq: 27 Apr 2023 11:44

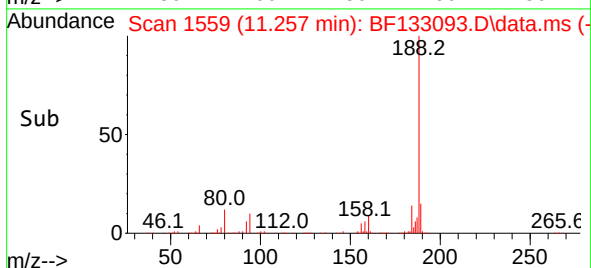
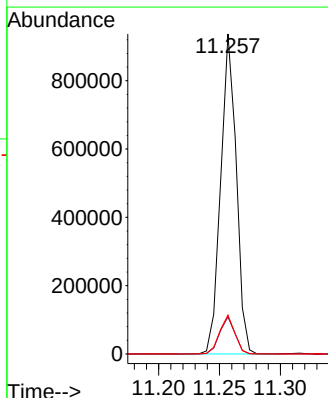
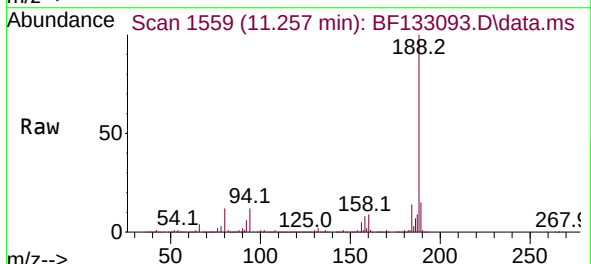
Tgt Ion:188 Resp: 836634

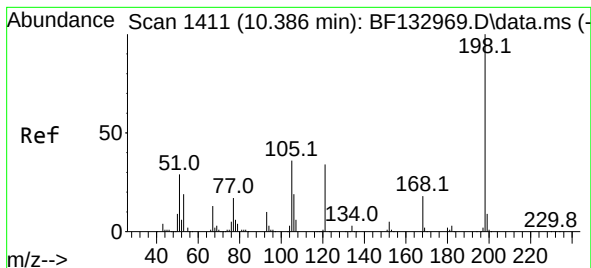
Ion Ratio Lower Upper

188 100

94 11.6 9.7 14.5

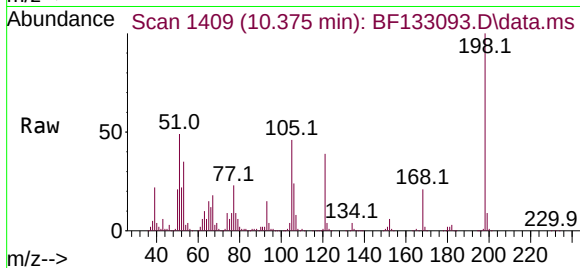
80 12.1 10.4 15.6





#65
4,6-Dinitro-2-methylphenol
Concen: 48.787 ng
RT: 10.375 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

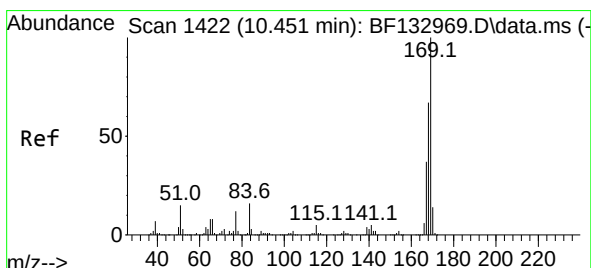
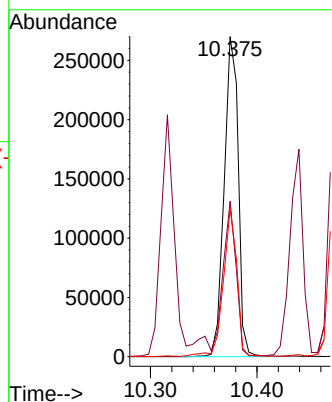
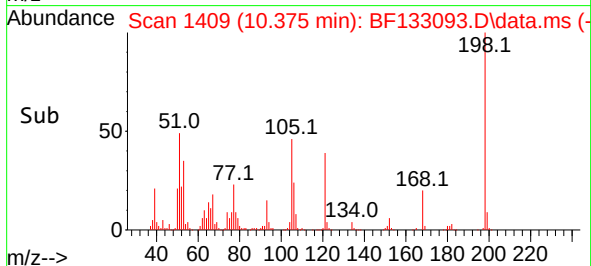
Instrument :
BNA_F
ClientSampleId :
PB152407BS



Tgt Ion:198 Resp: 247402
Ion Ratio Lower Upper
198 100
51 48.5 15.5 55.5
105 46.2 16.7 56.7

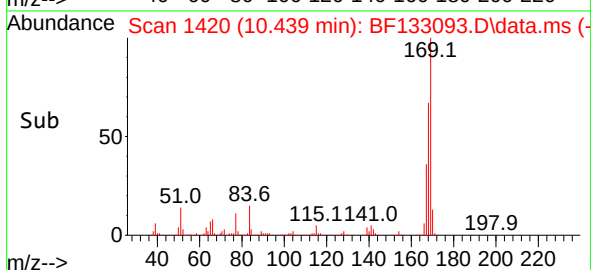
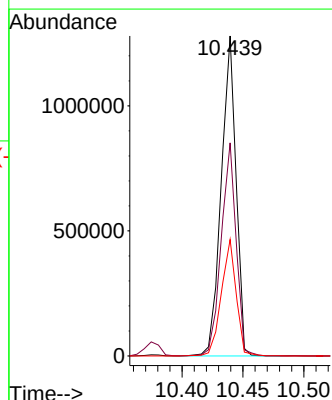
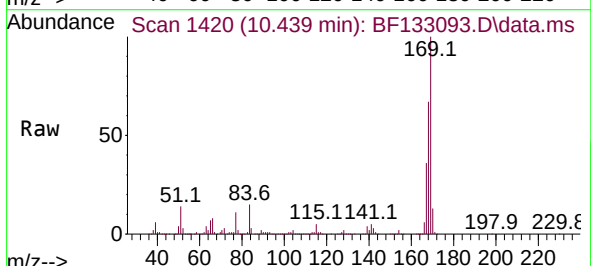
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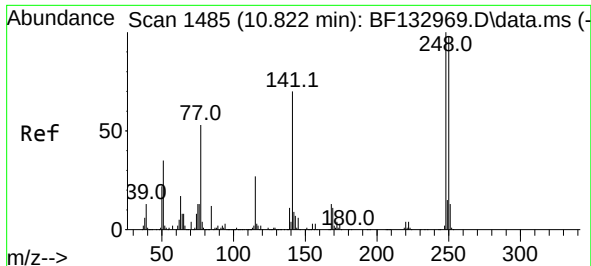
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#66
n-Nitrosodiphenylamine
Concen: 40.043 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

Tgt Ion:169 Resp: 1086694
Ion Ratio Lower Upper
169 100
168 66.6 53.8 80.8
167 36.4 29.7 44.5





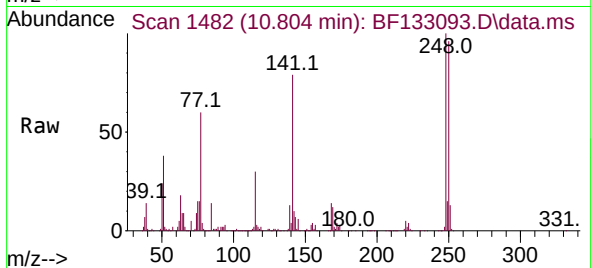
#67
4-Bromophenyl-phenylether
Concen: 40.376 ng
RT: 10.804 min Scan# 1485
Delta R.T. -0.000 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB152407BS

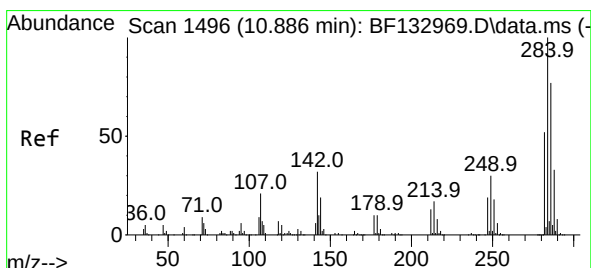
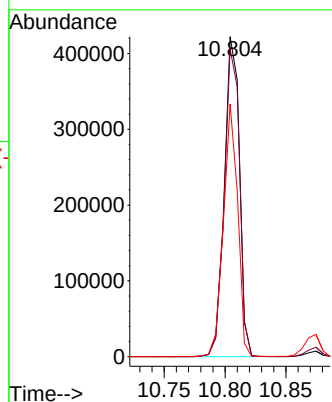
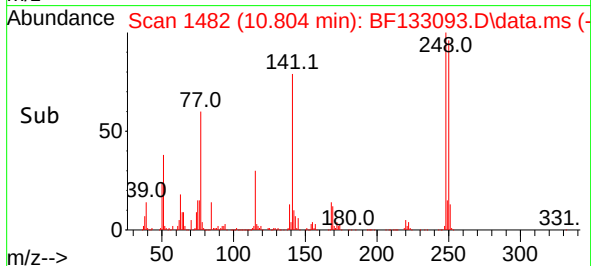


Tgt Ion:248 Resp: 366360
Ion Ratio Lower Upper
248 100
250 96.2 78.7 118.1
141 78.9 56.3 84.5

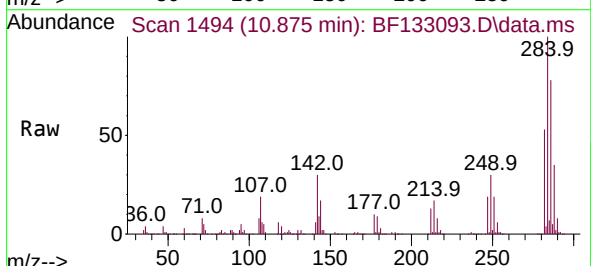
Manual Integrations

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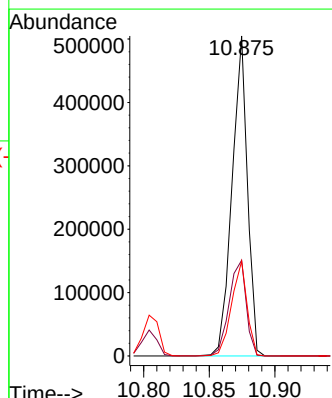
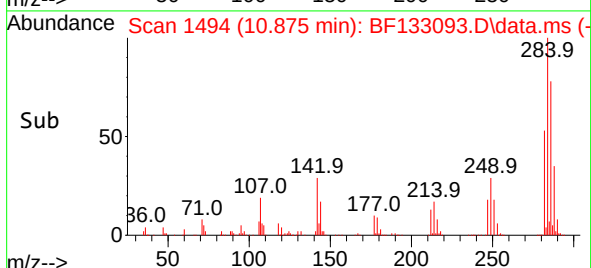
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

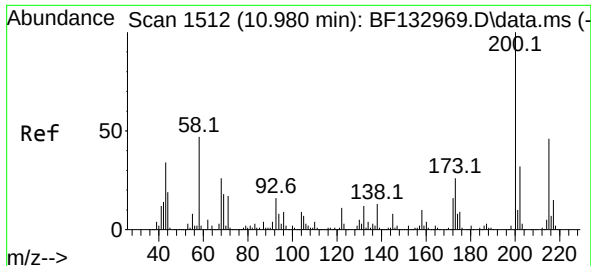


#68
Hexachlorobenzene
Concen: 44.268 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.000 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44



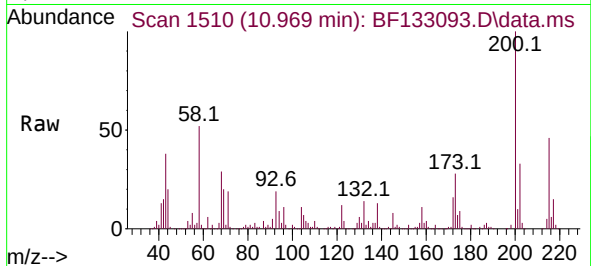
Tgt Ion:284 Resp: 411596
Ion Ratio Lower Upper
284 100
142 29.9 26.0 39.0
249 29.7 23.7 35.5





#69
Atrazine
Concen: 46.327 ng
RT: 10.969 min Scan# 1512
Delta R.T. 0.006 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

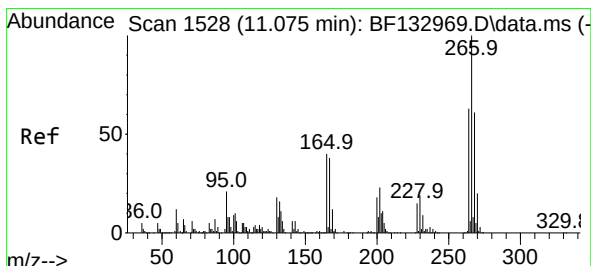
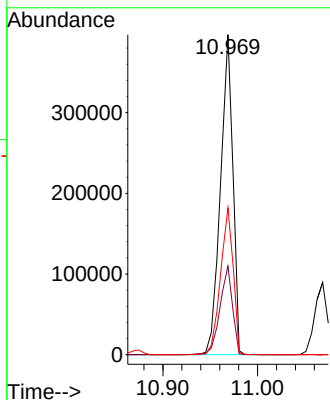
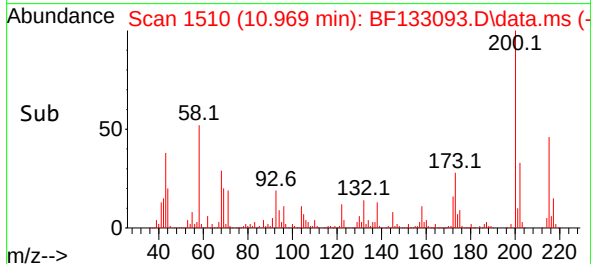
Instrument :
BNA_F
ClientSampleId :
PB152407BS



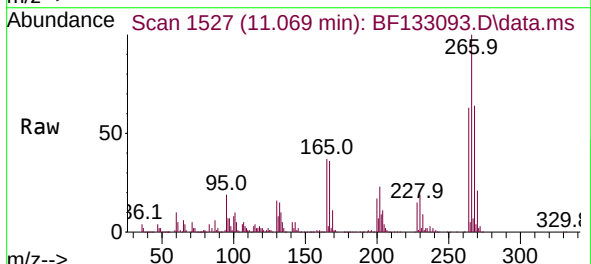
Tgt Ion:200 Resp: 362260
Ion Ratio Lower Upper
200 100
173 27.6 6.2 46.2
215 45.9 26.3 66.3

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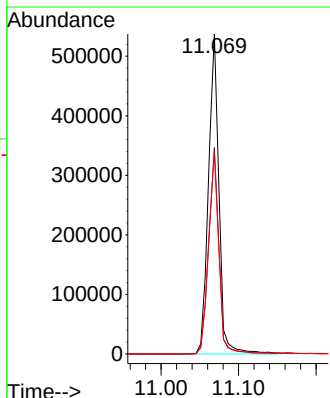
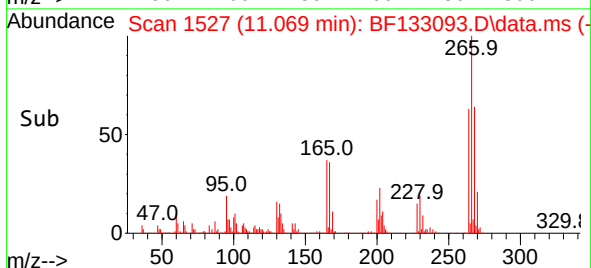
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

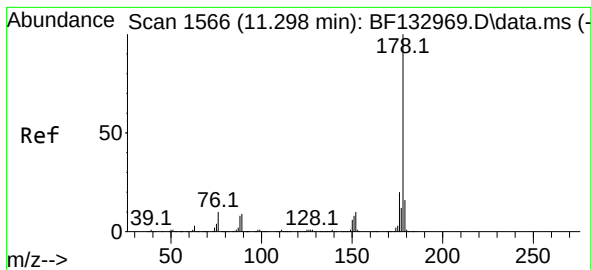


#70
Pentachlorophenol
Concen: 76.260 ng
RT: 11.069 min Scan# 1527
Delta R.T. 0.006 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44



Tgt Ion:266 Resp: 504982
Ion Ratio Lower Upper
266 100
268 64.5 48.8 73.2
264 63.1 50.6 76.0





#71

Phenanthrene

Concen: 40.173 ng

RT: 11.286 min Scan# 1564

Delta R.T. 0.006 min

Lab File: BF133093.D

Acq: 27 Apr 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB152407BS

Tgt Ion:178 Resp: 180644

Ion Ratio Lower Upper

178 100

176 20.3 15.9 23.9

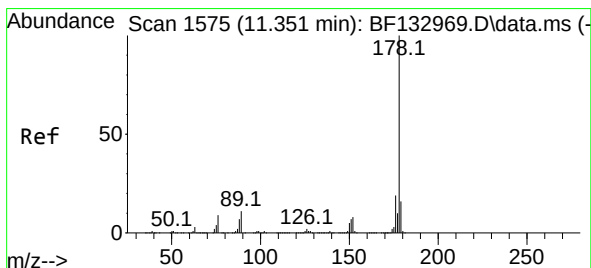
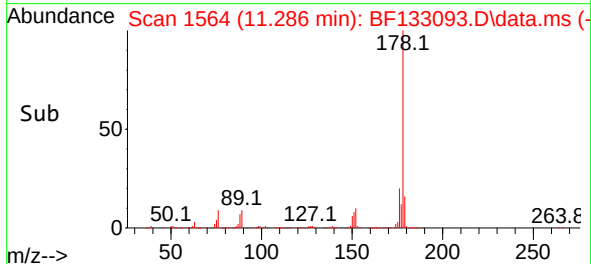
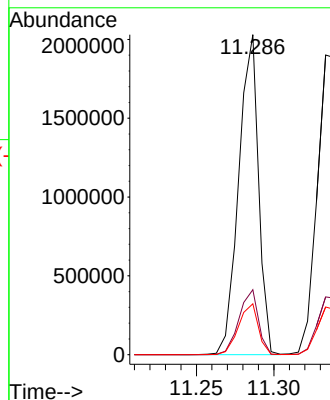
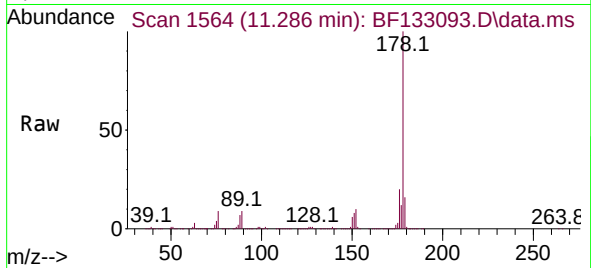
179 15.9 12.5 18.7

Manual Integrations

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Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#72

Anthracene

Concen: 40.631 ng

RT: 11.333 min Scan# 1572

Delta R.T. -0.000 min

Lab File: BF133093.D

Acq: 27 Apr 2023 11:44

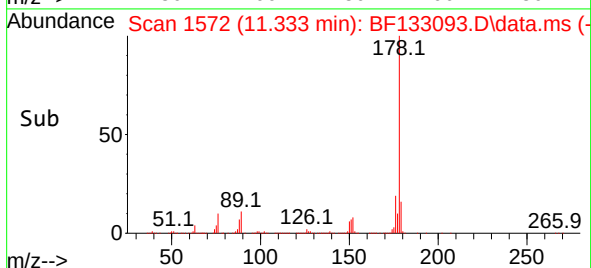
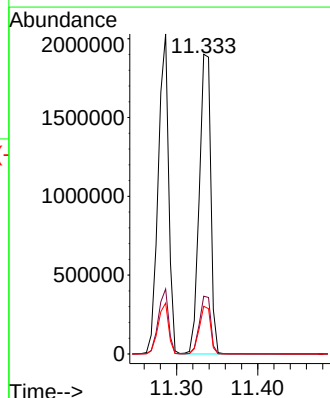
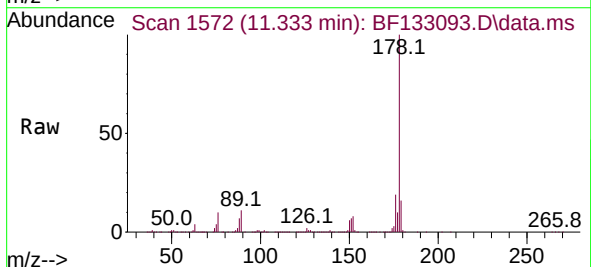
Tgt Ion:178 Resp: 1869755

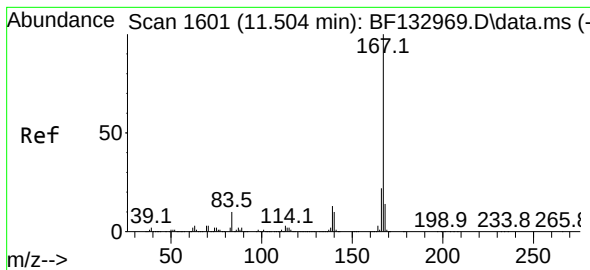
Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

179 15.9 12.4 18.6





#73

Carbazole

Concen: 41.878 ng

RT: 11.492 min Scan# 1601

Delta R.T. -0.000 min

Lab File: BF133093.D

Acq: 27 Apr 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB152407BS

Tgt Ion:167 Resp: 1715978

Ion Ratio Lower Upper

167 100

166 22.2 17.4 26.0

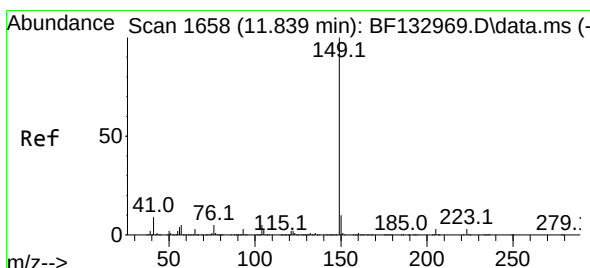
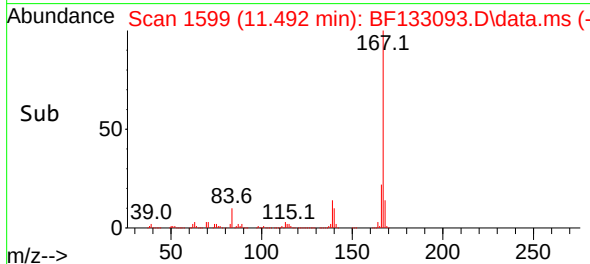
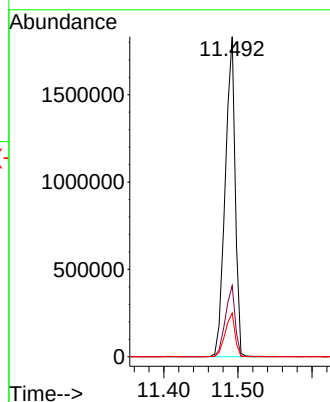
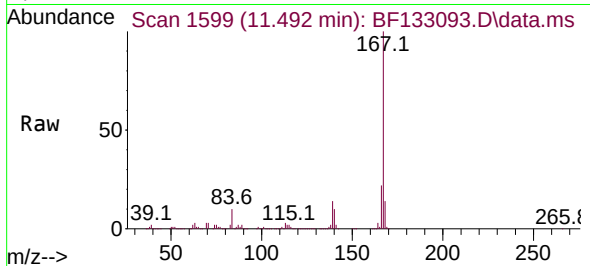
139 13.6 10.6 16.0

Manual Integrations

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Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#74

Di-n-butylphthalate

Concen: 41.961 ng

RT: 11.828 min Scan# 1656

Delta R.T. -0.000 min

Lab File: BF133093.D

Acq: 27 Apr 2023 11:44

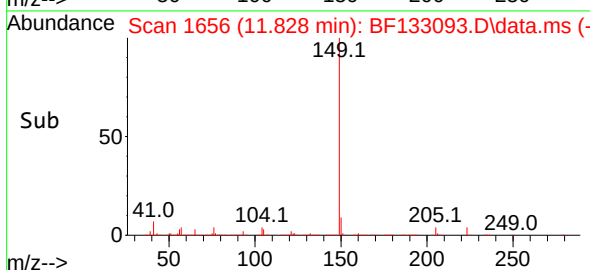
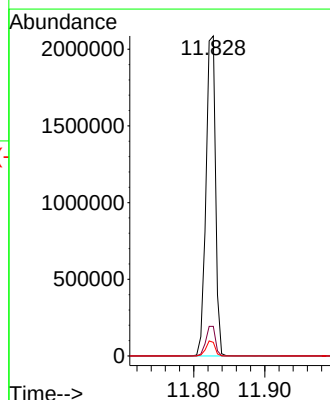
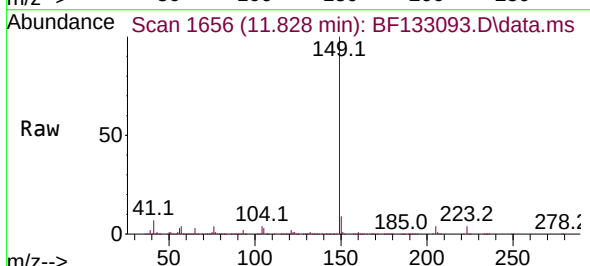
Tgt Ion:149 Resp: 1945783

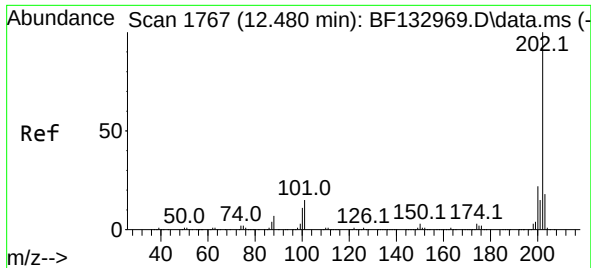
Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

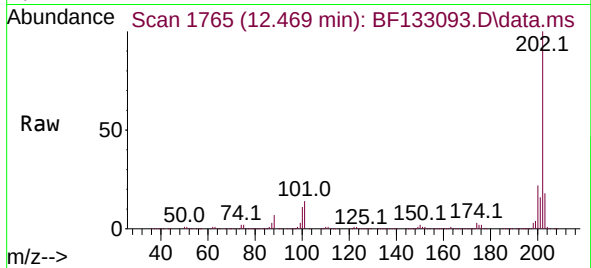
104 4.3 4.0 6.0





#75
Fluoranthene
Concen: 41.654 ng
RT: 12.469 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

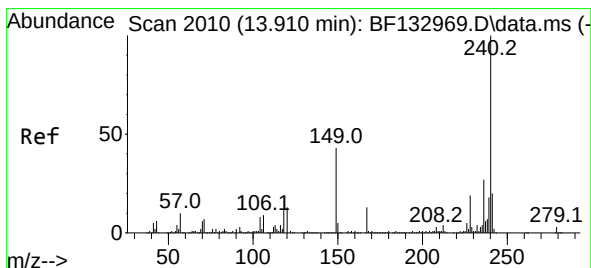
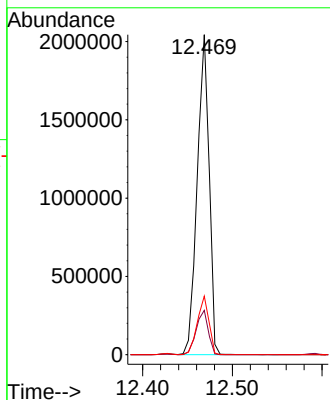
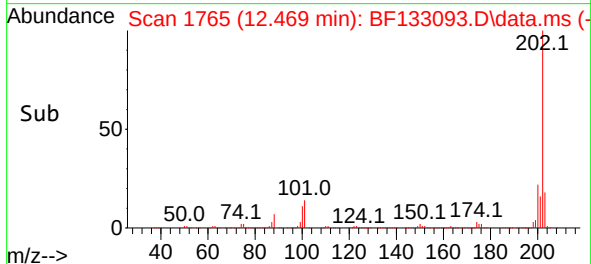
Instrument :
BNA_F
ClientSampleId :
PB152407BS



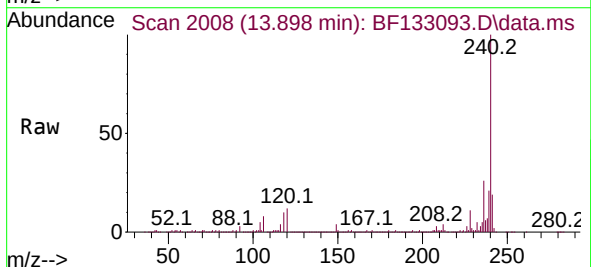
Tgt Ion:202 Resp: 187980
Ion Ratio Lower Upper
202 100
101 13.9 0.0 35.3
203 18.3 0.0 38.1

Manual Integrations
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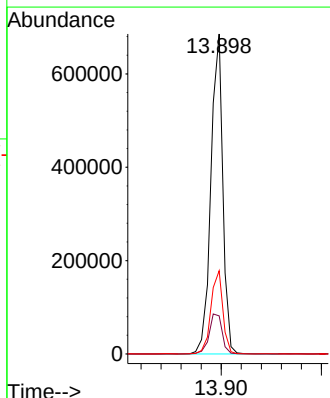
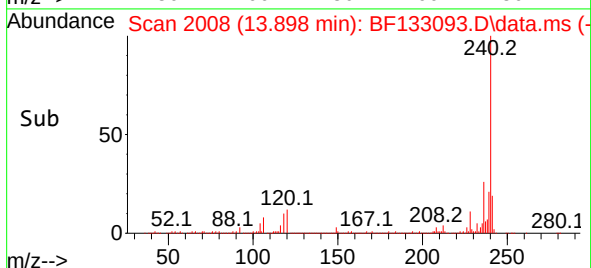
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

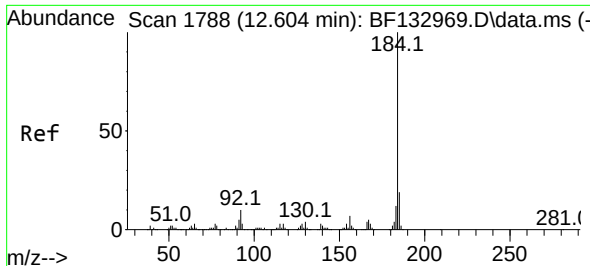


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44



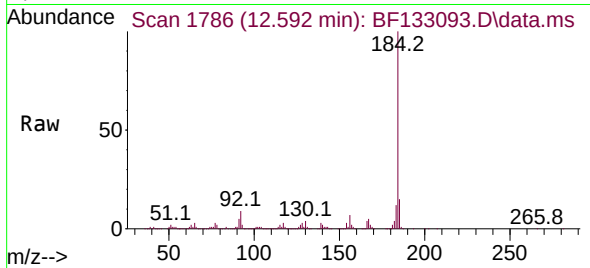
Tgt Ion:240 Resp: 565955
Ion Ratio Lower Upper
240 100
120 11.9 10.5 15.7
236 26.0 21.5 32.3





#77
Benzidine
Concen: 107.134 ng
RT: 12.592 min Scan# 1788
Delta R.T. 0.006 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

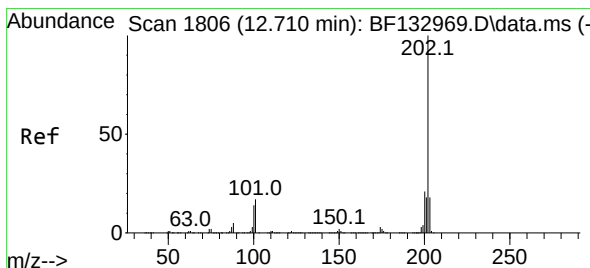
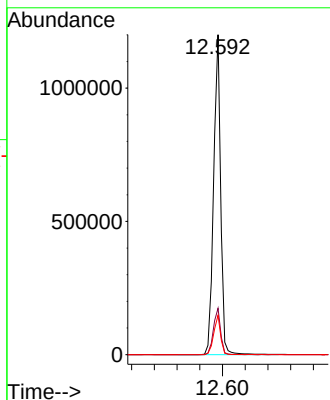
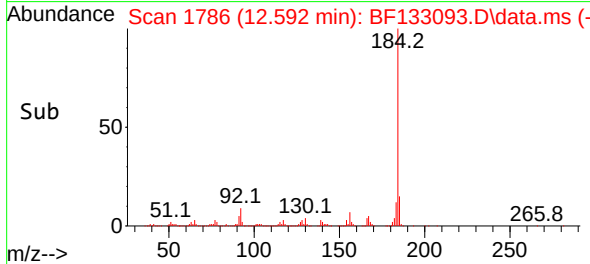
Instrument :
BNA_F
ClientSampleId :
PB152407BS



Tgt Ion:184 Resp: 102534
Ion Ratio Lower Upper
184 100
185 14.5 15.4 23.2
183 12.3 9.4 14.0

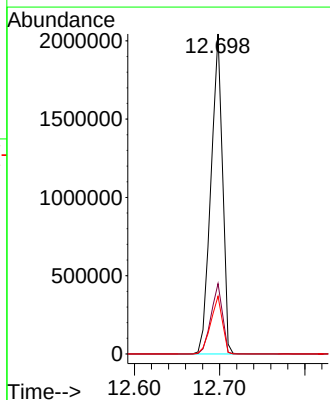
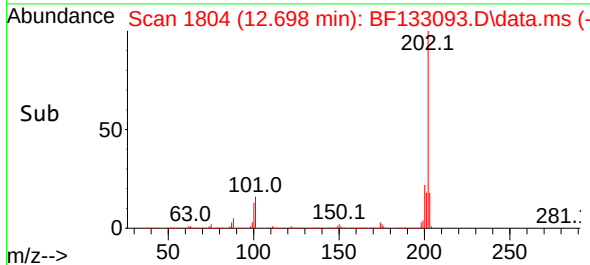
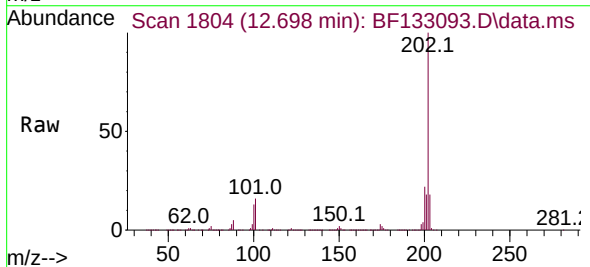
Manual Integrations
APPROVED

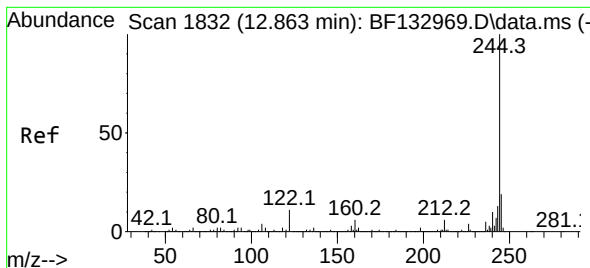
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#78
Pyrene
Concen: 39.816 ng
RT: 12.698 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

Tgt Ion:202 Resp: 1931712
Ion Ratio Lower Upper
202 100
200 22.0 17.1 25.7
203 18.1 14.1 21.1





#79

Terphenyl-d14

Concen: 65.391 ng

RT: 12.845 min Scan# 1829

Delta R.T. -0.000 min

Lab File: BF133093.D

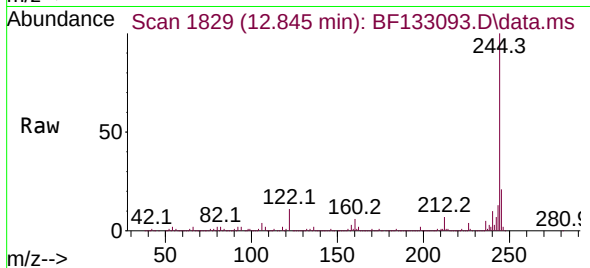
Acq: 27 Apr 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB152407BS



Tgt Ion:244 Resp: 2145838

Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

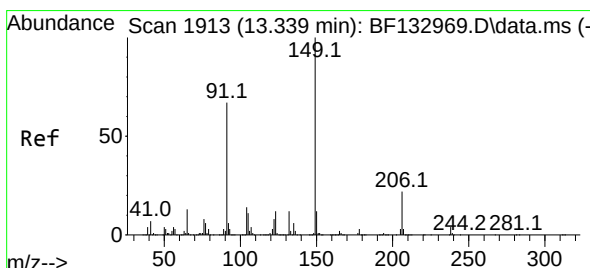
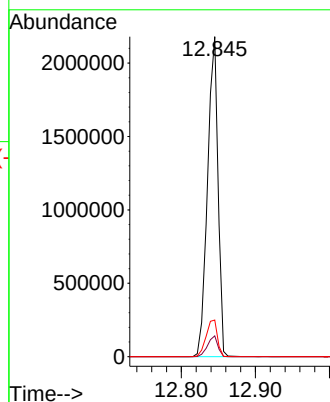
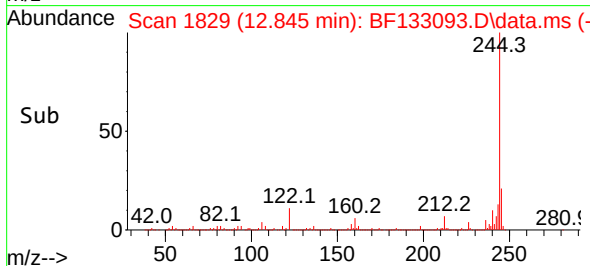
122 11.5 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#80

Butylbenzylphthalate

Concen: 48.209 ng

RT: 13.322 min Scan# 1910

Delta R.T. -0.000 min

Lab File: BF133093.D

Acq: 27 Apr 2023 11:44

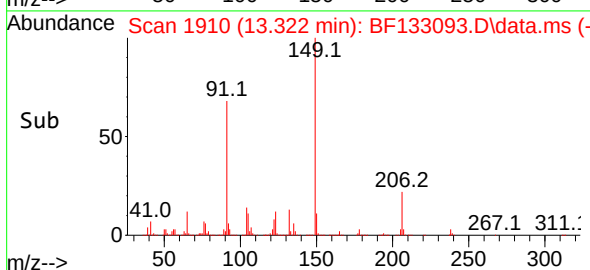
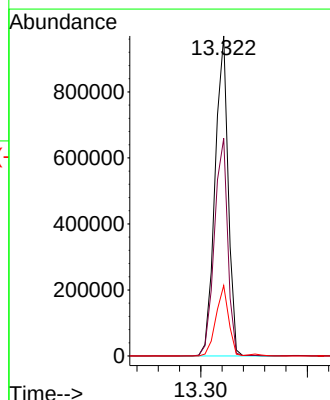
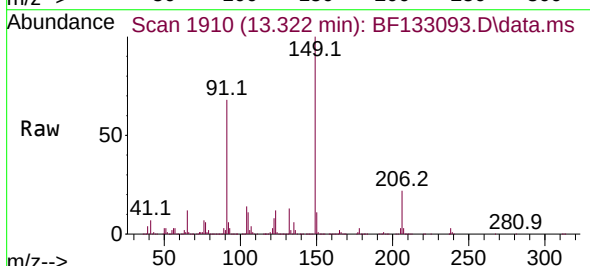
Tgt Ion:149 Resp: 828142

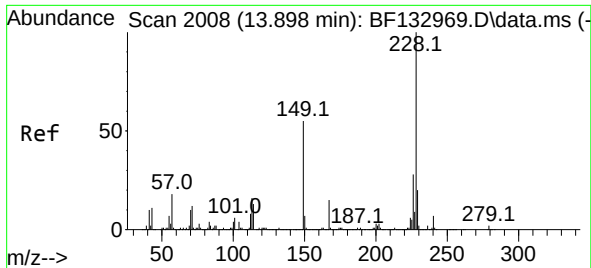
Ion Ratio Lower Upper

149 100

91 68.0 53.8 80.6

206 22.0 17.5 26.3





#81
Benzo(a)anthracene
Concen: 40.583 ng
RT: 13.886 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

Instrument :

BNA_F

ClientSampleId :

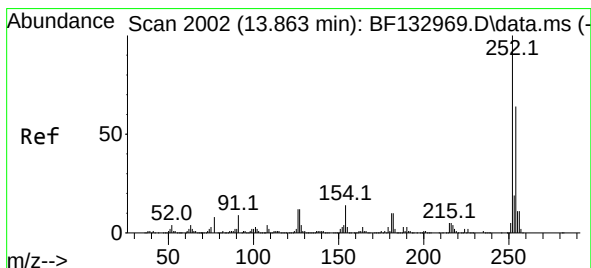
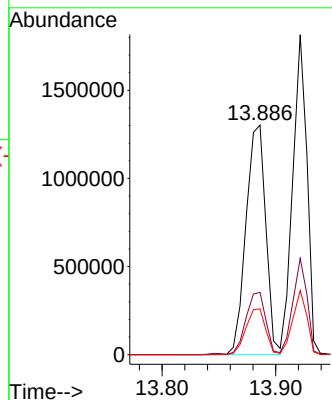
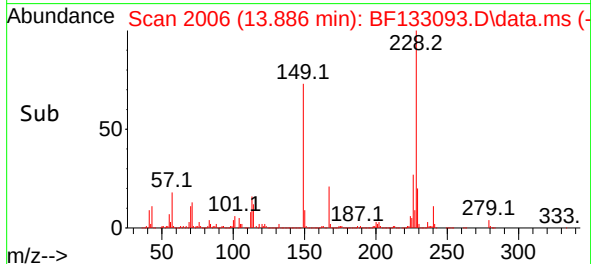
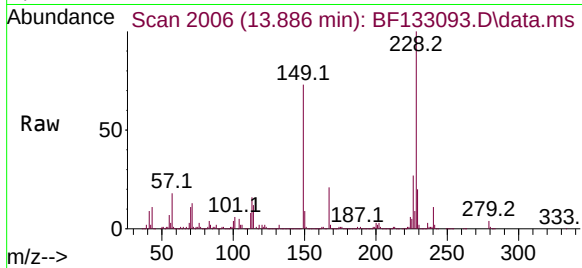
PB152407BS

Tgt Ion:228 Resp: 157945
Ion Ratio Lower Upper
228 100
226 27.2 22.2 33.4
229 19.9 16.0 24.0

Manual Integrations

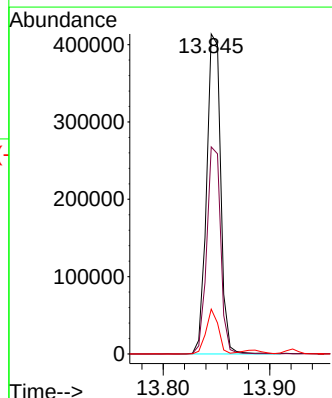
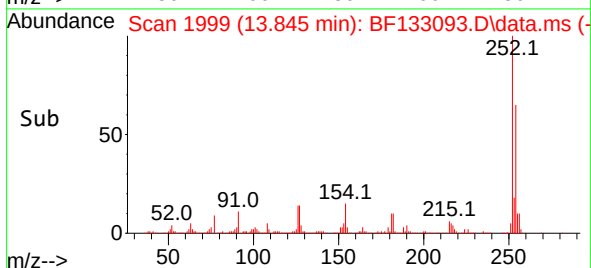
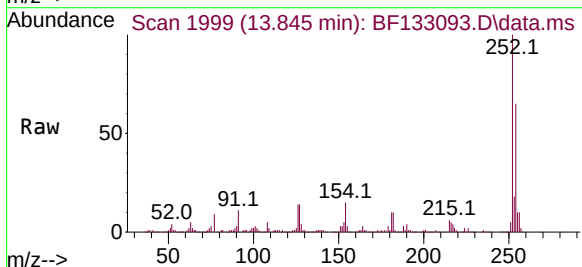
APPROVED

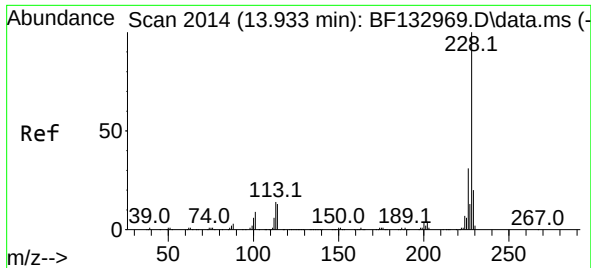
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#82
3,3'-Dichlorobenzidine
Concen: 35.447 ng
RT: 13.845 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

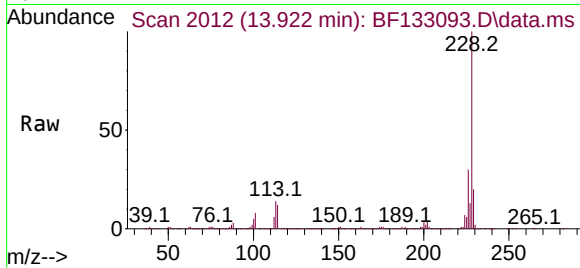
Tgt Ion:252 Resp: 381103
Ion Ratio Lower Upper
252 100
254 64.7 51.5 77.3
126 14.0 9.5 14.3





#83
Chrysene
Concen: 40.524 ng
RT: 13.922 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

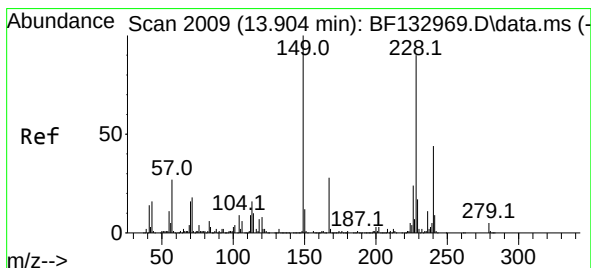
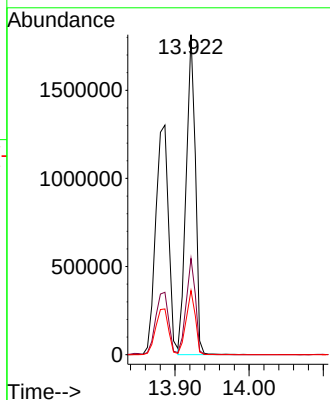
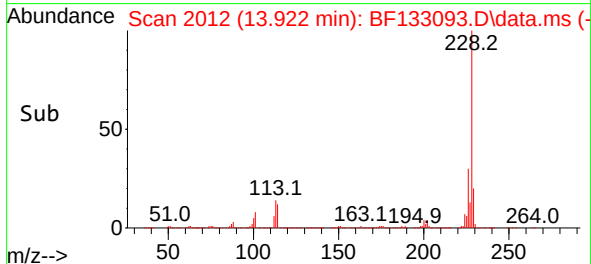
Instrument :
BNA_F
ClientSampleId :
PB152407BS



Tgt Ion:228 Resp: 1576760
Ion Ratio Lower Upper
228 100
226 30.1 24.7 37.1
229 20.1 16.1 24.1

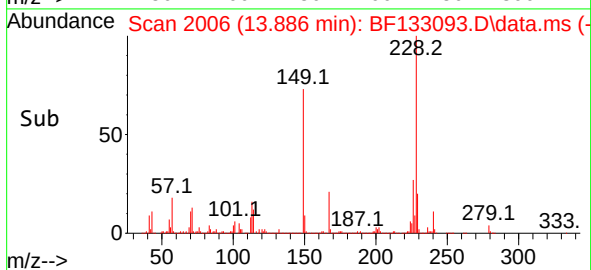
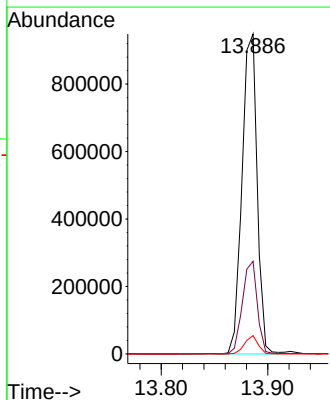
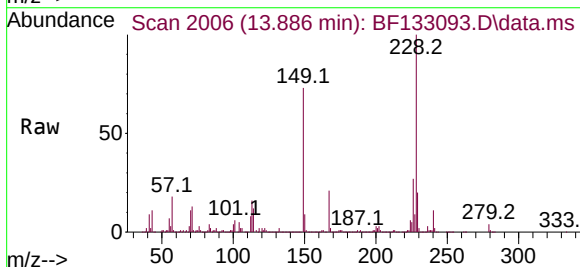
Manual Integrations
APPROVED

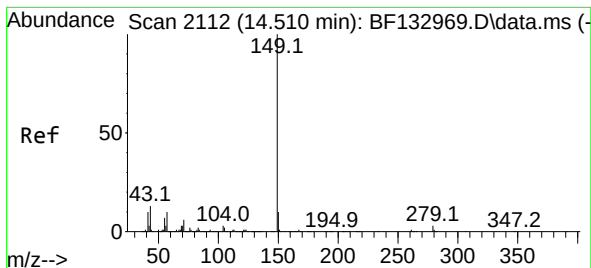
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.499 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

Tgt Ion:149 Resp: 937899
Ion Ratio Lower Upper
149 100
167 29.0 22.5 33.7
279 5.8 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 50.075 ng

RT: 14.492 min Scan# 2112

Delta R.T. -0.000 min

Lab File: BF133093.D

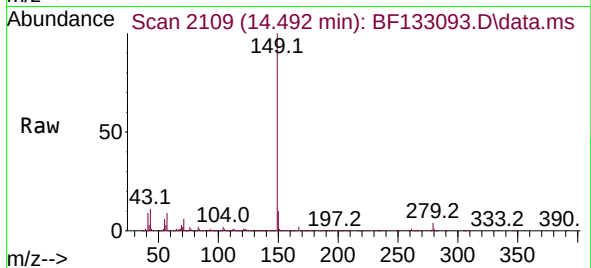
Acq: 27 Apr 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB152407BS



Tgt Ion:149 Resp: 1760490

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

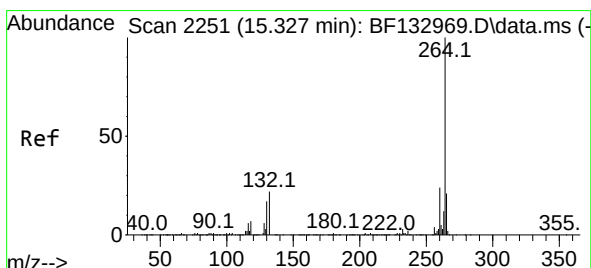
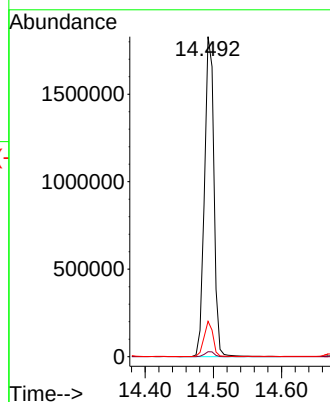
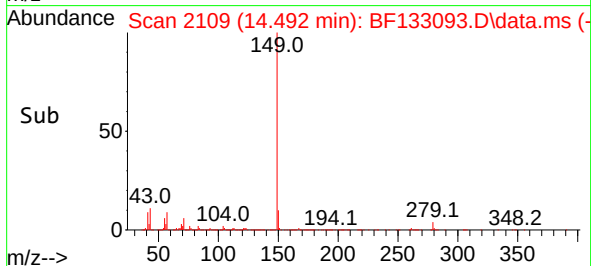
43 10.4 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.310 min Scan# 2248

Delta R.T. -0.006 min

Lab File: BF133093.D

Acq: 27 Apr 2023 11:44

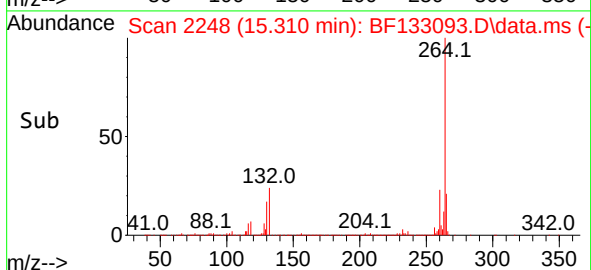
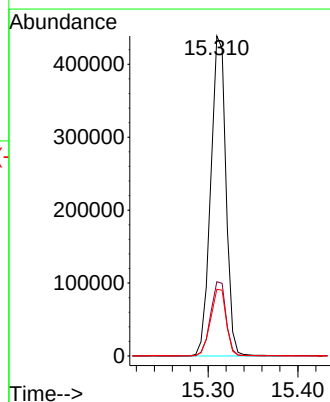
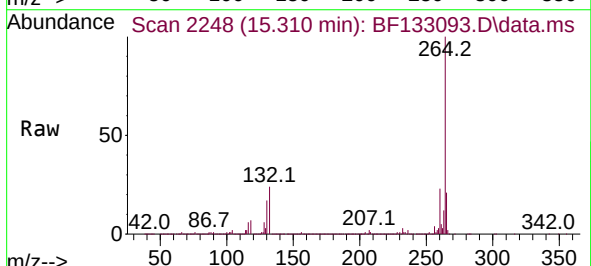
Tgt Ion:264 Resp: 515886

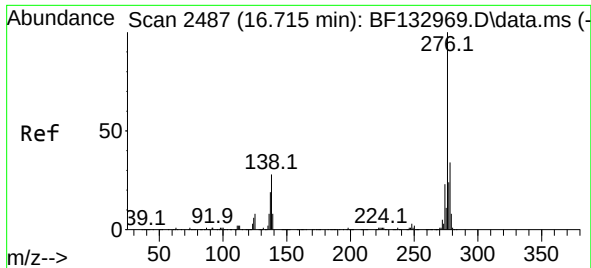
Ion Ratio Lower Upper

264 100

260 23.2 18.8 28.2

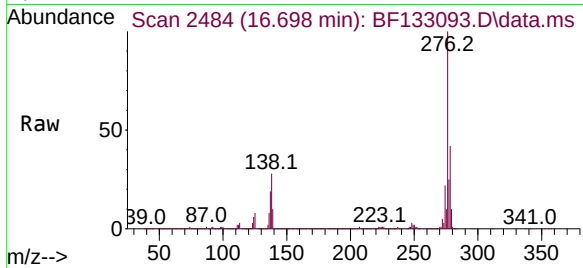
265 20.9 17.0 25.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.926 ng
 RT: 16.698 min Scan# 2487
 Delta R.T. -0.000 min
 Lab File: BF133093.D
 Acq: 27 Apr 2023 11:44

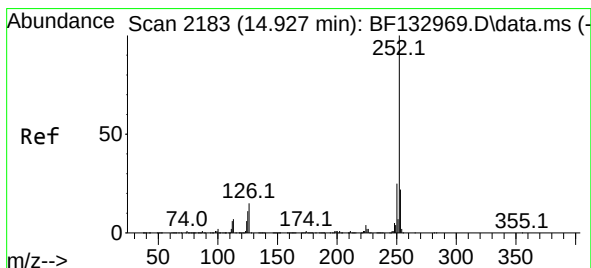
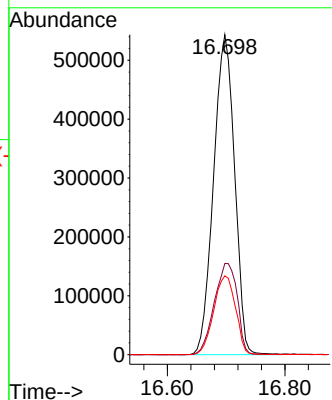
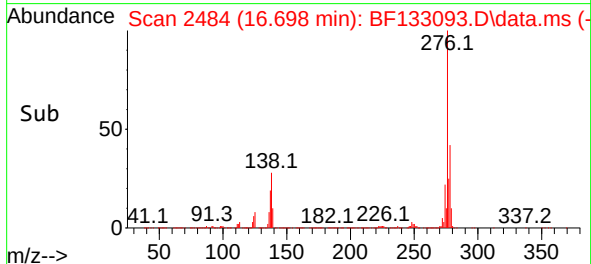
Instrument :
 BNA_F
 ClientSampleId :
 PB152407BS



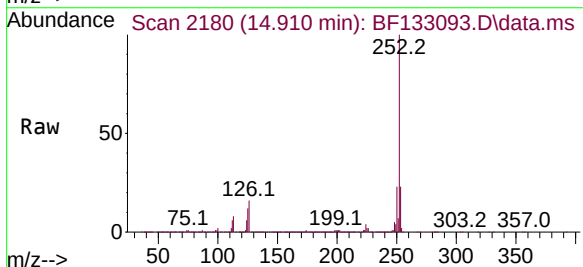
Tgt Ion: 276 Resp: 134768
 Ion Ratio Lower Upper
 276 100
 138 31.1 25.5 38.3
 277 25.7 20.4 30.6

Manual Integrations
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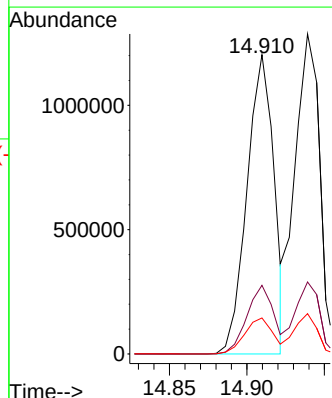
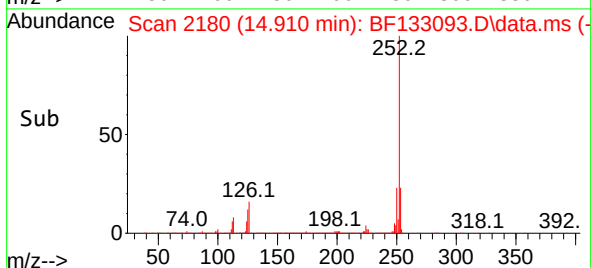
Reviewed By : Christian Giraldo 04/28/2023
 Supervised By : Jagrut Upadhyay 04/28/2023

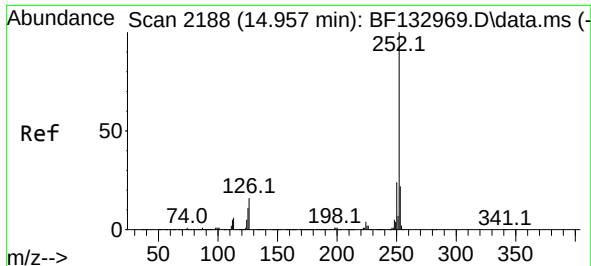


#88
 Benzo(b)fluoranthene
 Concen: 44.587 ng
 RT: 14.910 min Scan# 2180
 Delta R.T. -0.000 min
 Lab File: BF133093.D
 Acq: 27 Apr 2023 11:44



Tgt Ion: 252 Resp: 1463336
 Ion Ratio Lower Upper
 252 100
 253 22.9 17.6 26.4
 125 12.0 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 43.686 ng

RT: 14.939 min Scan# 2188

Delta R.T. -0.000 min

Lab File: BF133093.D

Acq: 27 Apr 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB152407BS

Tgt Ion:252 Resp: 142129

Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

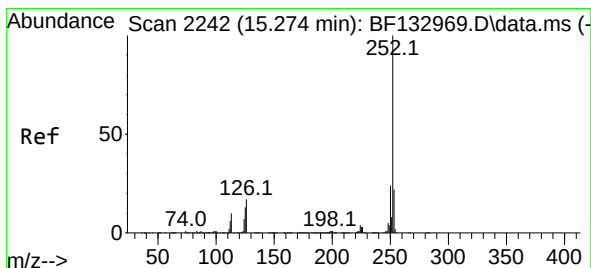
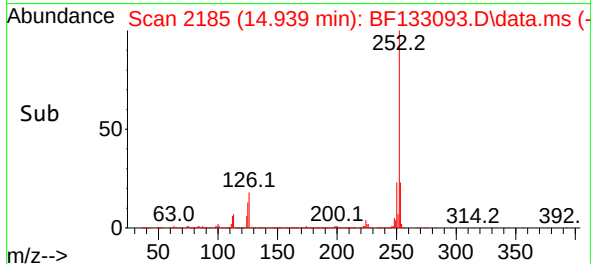
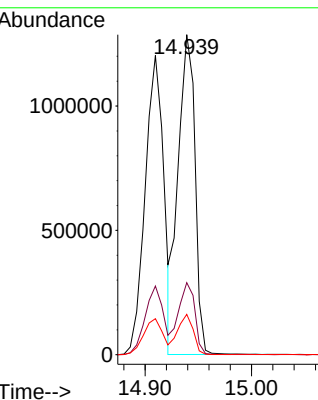
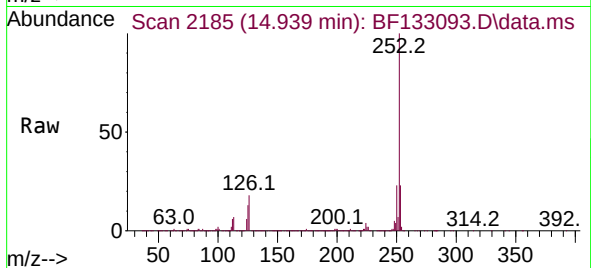
125 12.6 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#90

Benzo(a)pyrene

Concen: 41.002 ng

RT: 15.257 min Scan# 2239

Delta R.T. -0.000 min

Lab File: BF133093.D

Acq: 27 Apr 2023 11:44

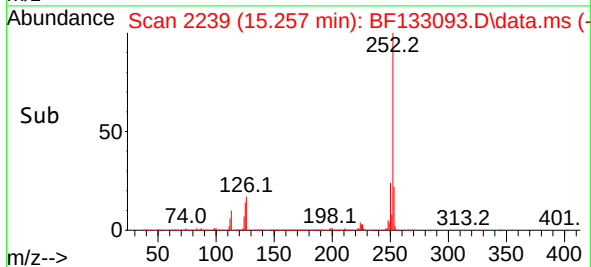
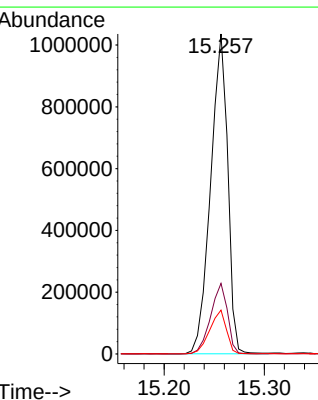
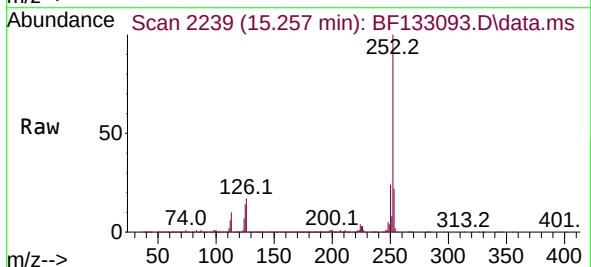
Tgt Ion:252 Resp: 1224844

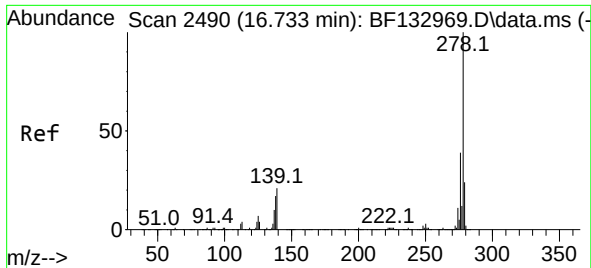
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 13.7 10.5 15.7





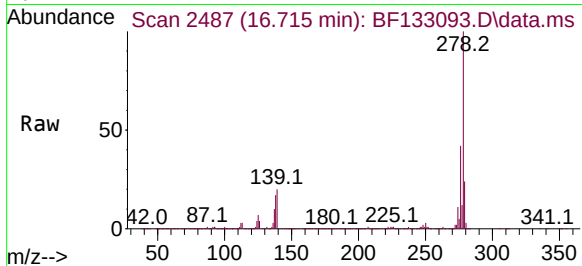
#91
Dibenzo(a,h)anthracene
Concen: 45.172 ng
RT: 16.715 min Scan# 2490
Delta R.T. -0.000 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44

Instrument :

BNA_F

ClientSampleId :

PB152407BS

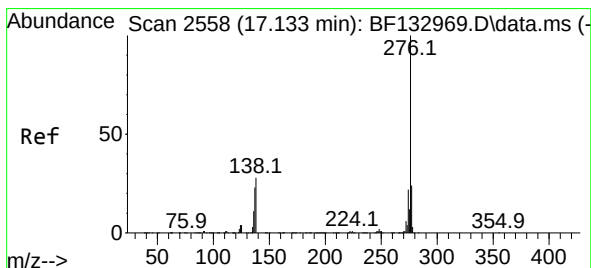
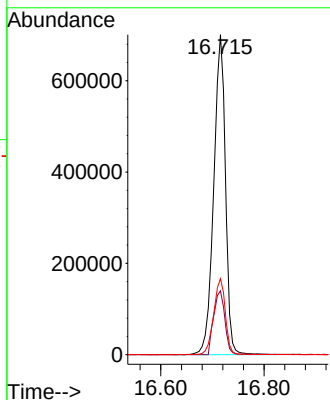
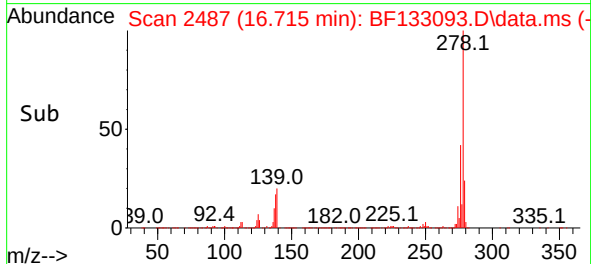


Tgt Ion:278 Resp: 110557
Ion Ratio Lower Upper
278 100
139 20.0 16.6 24.8
279 23.8 18.8 28.2

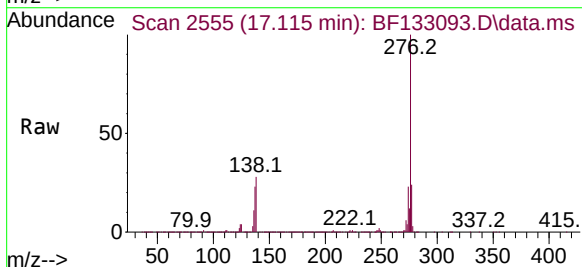
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#92
Benzo(g,h,i)perylene
Concen: 46.951 ng
RT: 17.115 min Scan# 2555
Delta R.T. -0.000 min
Lab File: BF133093.D
Acq: 27 Apr 2023 11:44



Tgt Ion:276 Resp: 1134481
Ion Ratio Lower Upper
276 100
277 23.8 19.4 29.0
138 27.9 22.7 34.1

