

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
 Data File : BF133073.D
 Acq On : 26 Apr 2023 19:32
 Operator : CG\JU
 Sample : 02491-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S2S-TP3MS

Quant Time: Apr 27 02:00:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 01:56:03 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/27/2023
 Supervised By : Jagrut Upadhyay 04/27/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	178512	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	731024	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	377777	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	679026	20.000	ng	0.00
76) Chrysene-d12	13.892	240	401249	20.000	ng	0.00
86) Perylene-d12	15.304	264	368217	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1243956	105.266	ng	0.01
7) Phenol-d6	6.381	99	1569287	106.990	ng	0.00
23) Nitrobenzene-d5	7.304	82	957396	70.692	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	416516	109.631	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1647297	72.951	ng	0.00
79) Terphenyl-d14	12.839	244	1859039	79.906	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.463	88	243180	44.366	ng	97
3) Pyridine	3.157	79	616207	42.327	ng	95
4) n-Nitrosodimethylamine	3.116	42	322347	42.748	ng	94
6) Aniline	6.398	93	626689	33.173	ng	# 78
8) 2-Chlorophenol	6.522	128	599339	49.952	ng	95
9) Benzaldehyde	6.281	77	343483	59.976	ng	98
10) Phenol	6.393	94	723733	44.727	ng	79
11) bis(2-Chloroethyl)ether	6.475	93	565835	46.600	ng	97
12) 1,3-Dichlorobenzene	6.675	146	636576	49.902	ng	100
13) 1,4-Dichlorobenzene	6.751	146	634884	49.660	ng	99
14) 1,2-Dichlorobenzene	6.904	146	607030	51.501	ng	96
15) Benzyl Alcohol	6.887	79	492384	48.598	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.016	45	935087	44.338	ng	97
17) 2-Methylphenol	6.998	107	490432	44.639	ng	98
18) Hexachloroethane	7.251	117	218686	49.200	ng	99
19) n-Nitroso-di-n-propyla...	7.157	70	395486	43.311	ng	98
20) 3+4-Methylphenols	7.151	107	593026	45.834	ng	98
22) Acetophenone	7.145	105	797426	47.090	ng	# 97
24) Nitrobenzene	7.322	77	603066	43.943	ng	100
25) Isophorone	7.563	82	1129302	43.918	ng	100
26) 2-Nitrophenol	7.639	139	334505	50.534	ng	91
27) 2,4-Dimethylphenol	7.681	122	552253	48.655	ng	100
28) bis(2-Chloroethoxy)met...	7.775	93	677805	44.557	ng	100
29) 2,4-Dichlorophenol	7.881	162	494329	47.841	ng	100
30) 1,2,4-Trichlorobenzene	7.963	180	516432	48.244	ng	99
31) Naphthalene	8.045	128	1669896	45.689	ng	99
32) Benzoic acid	7.804	122	357353m	50.970	ng	
33) 4-Chloroaniline	8.092	127	209248	14.170	ng	98
34) Hexachlorobutadiene	8.163	225	277766	46.817	ng	99
35) Caprolactam	8.469	113	185331m	53.392	ng	
36) 4-Chloro-3-methylphenol	8.581	107	545947	48.996	ng	97
37) 2-Methylnaphthalene	8.734	142	1122028	44.903	ng	99
38) 1-Methylnaphthalene	8.834	142	1037023	44.364	ng	100
40) 1,2,4,5-Tetrachloroben...	8.904	216	462478	45.531	ng	99
41) Hexachlorocyclopentadiene	8.892	237	551599	93.116	ng	99
43) 2,4,6-Trichlorophenol	9.016	196	335933	47.823	ng	99

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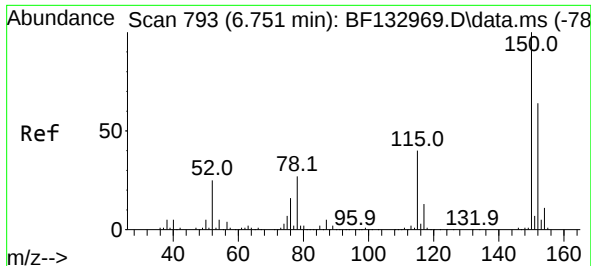
Manual Integrations
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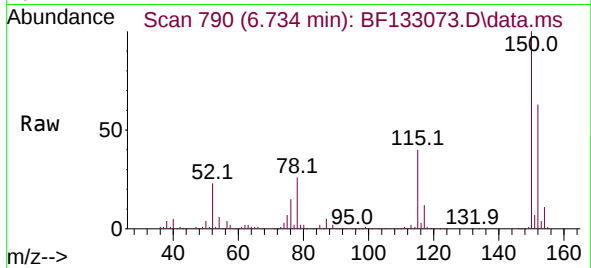
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	363603	44.756	ng	99
46) 1,1'-Biphenyl	9.198	154	1372610	45.821	ng	99
47) 2-Chloronaphthalene	9.222	162	1030264	46.989	ng	99
48) 2-Nitroaniline	9.316	65	337068	46.515	ng	94
49) Acenaphthylene	9.633	152	1612698	46.032	ng	99
50) Dimethylphthalate	9.504	163	1216370	46.177	ng	99
51) 2,6-Dinitrotoluene	9.563	165	293222	49.457	ng	# 83
52) Acenaphthene	9.810	154	1161581m	49.504	ng	
53) 3-Nitroaniline	9.728	138	209729	29.751	ng	96
54) 2,4-Dinitrophenol	9.833	184	307997	103.351	ng	95
55) Dibenzofuran	9.981	168	1467058	45.835	ng	99
56) 4-Nitrophenol	9.898	139	525895	96.318	ng	96
57) 2,4-Dinitrotoluene	9.963	165	384499	50.854	ng	95
58) Fluorene	10.322	166	1084238	46.236	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.098	232	300796	47.759	ng	98
60) Diethylphthalate	10.204	149	1167649	46.929	ng	99
61) 4-Chlorophenyl-phenyle...	10.316	204	520438	45.542	ng	97
62) 4-Nitroaniline	10.345	138	332972	51.391	ng	98
63) Azobenzene	10.475	77	1194209	45.308	ng	99
65) 4,6-Dinitro-2-methylph...	10.369	198	220400	53.551	ng	83
66) n-Nitrosodiphenylamine	10.433	169	998282	45.323	ng	99
67) 4-Bromophenyl-phenylether	10.804	248	341081	46.315	ng	98
68) Hexachlorobenzene	10.869	284	375654	49.780	ng	98
69) Atrazine	10.963	200	349893	55.131	ng	99
70) Pentachlorophenol	11.063	266	421649	78.455	ng	98
71) Phenanthrene	11.280	178	1695127	46.447	ng	99
72) Anthracene	11.333	178	1704284	45.631	ng	100
73) Carbazole	11.486	167	1574180	47.334	ng	99
74) Di-n-butylphthalate	11.822	149	1840986	48.916	ng	99
75) Fluoranthene	12.463	202	1721360	46.996	ng	100
77) Benzidine	12.586	184	779072	114.817	ng	# 93
78) Pyrene	12.692	202	1773506	51.561	ng	99
80) Butylbenzylphthalate	13.321	149	742327	60.952	ng	97
81) Benzo(a)anthracene	13.880	228	1297423	47.021	ng	99
82) 3,3'-Dichlorobenzidine	13.845	252	217573	28.544	ng	99
83) Chrysene	13.916	228	1272720	46.137	ng	99
84) Bis(2-ethylhexyl)phtha...	13.880	149	837017	54.755	ng	99
85) Di-n-octyl phthalate	14.492	149	1355762	54.392	ng	97
87) Indeno(1,2,3-cd)pyrene	16.692	276	1384381	66.096	ng	99
88) Benzo(b)fluoranthene	14.904	252	1100482	46.978	ng	98
89) Benzo(k)fluoranthene	14.933	252	1066508	45.928	ng	99
90) Benzo(a)pyrene	15.251	252	970215	45.503	ng	100
91) Dibenzo(a,h)anthracene	16.709	278	1138432	65.168	ng	98
92) Benzo(g,h,i)perylene	17.109	276	1157108	67.093	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

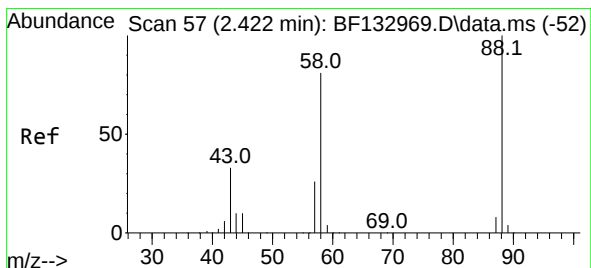
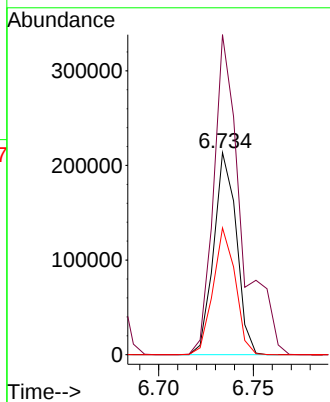
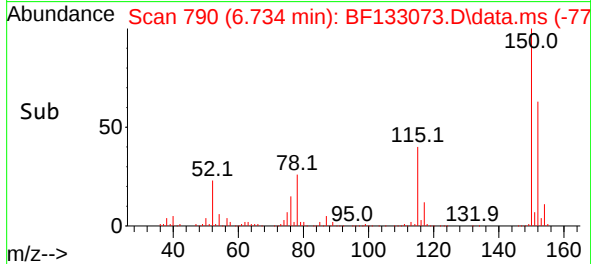
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS



Tgt Ion:152 Resp: 17851
Ion Ratio Lower Upper
152 100
150 158.4 124.8 187.2
115 62.7 49.9 74.9

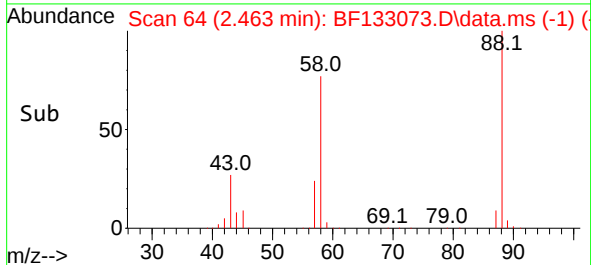
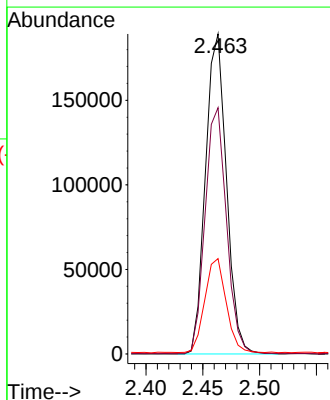
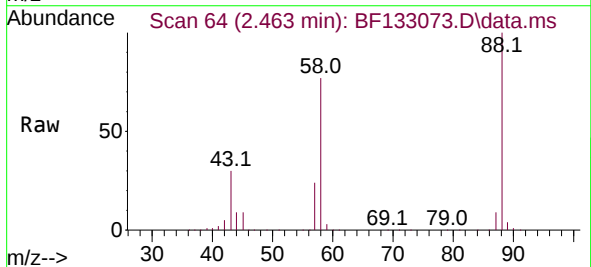
Manual Integrations
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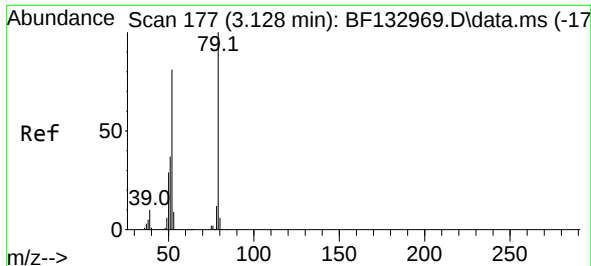
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#2
1,4-Dioxane
Concen: 44.366 ng
RT: 2.463 min Scan# 64
Delta R.T. 0.077 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

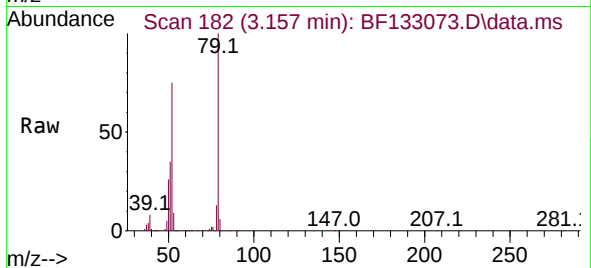
Tgt Ion: 88 Resp: 243180
Ion Ratio Lower Upper
88 100
58 78.4 64.7 97.1
43 30.0 26.2 39.2





#3
Pyridine
Concen: 42.327 ng
RT: 3.157 min Scan# 11
Delta R.T. 0.077 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

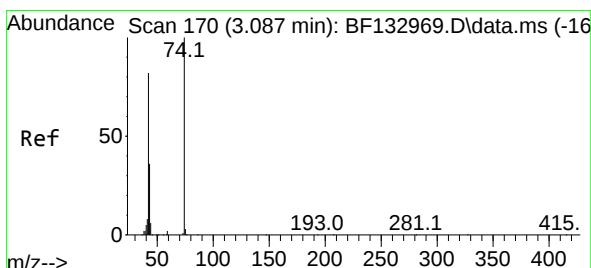
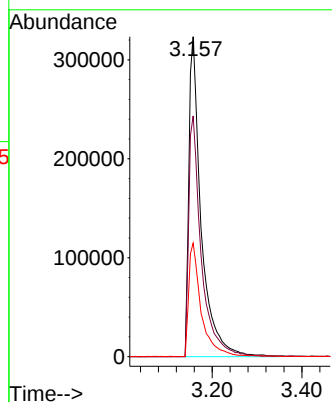
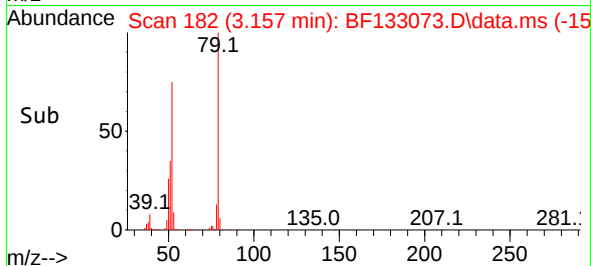
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS



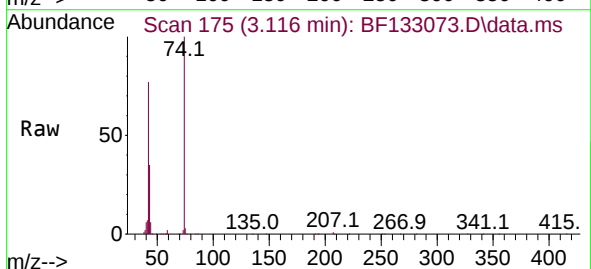
Tgt Ion: 79 Resp: 61620
Ion Ratio Lower Upper
79 100
52 75.2 64.6 96.8
51 35.5 30.0 45.0

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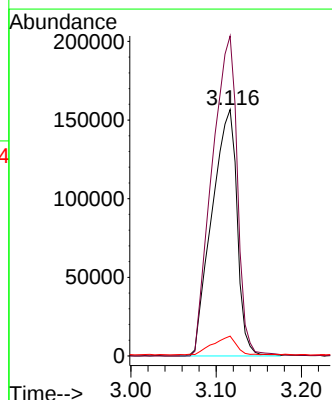
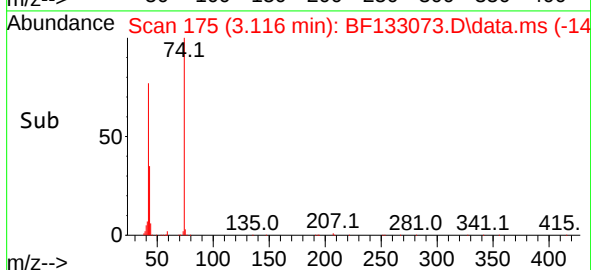
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

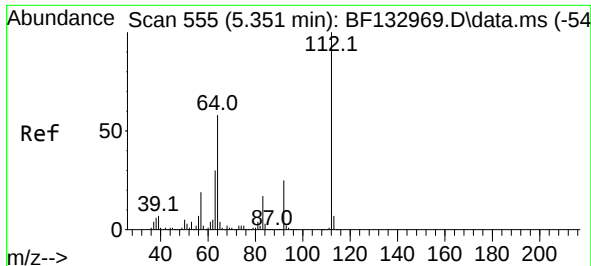


#4
n-Nitrosodimethylamine
Concen: 42.748 ng
RT: 3.116 min Scan# 175
Delta R.T. 0.077 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32



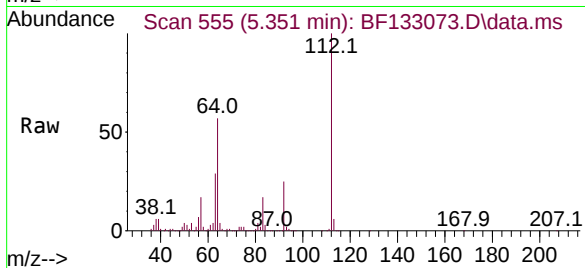
Tgt Ion: 42 Resp: 322347
Ion Ratio Lower Upper
42 100
74 129.9 98.0 147.0
44 8.0 5.8 8.8





#5
2-Fluorophenol
Concen: 105.266 ng
RT: 5.351 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

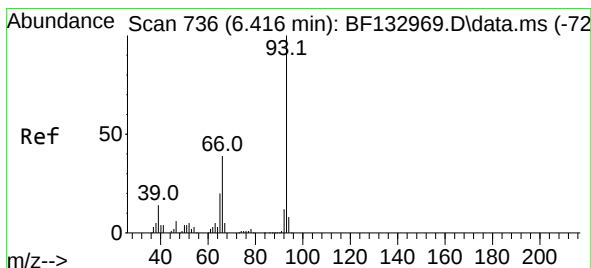
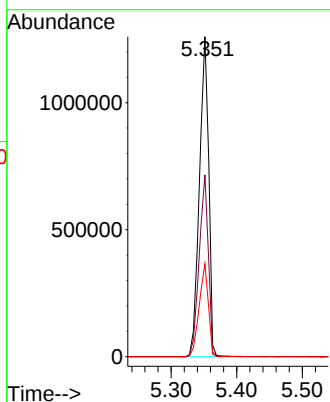
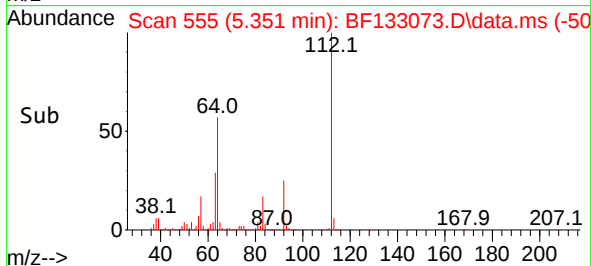
Instrument :
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Tgt Ion:112 Resp: 1243950
Ion Ratio Lower Upper
112 100
64 56.8 46.8 70.2
63 29.1 23.8 35.8

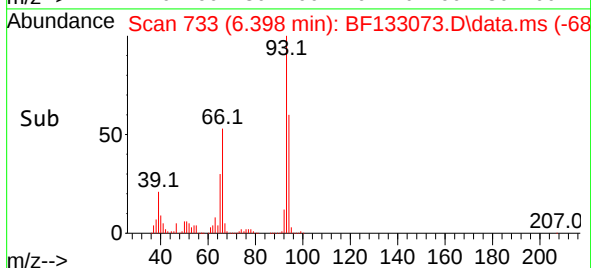
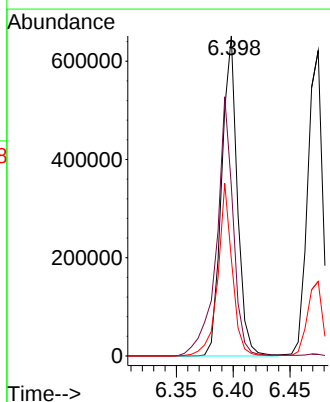
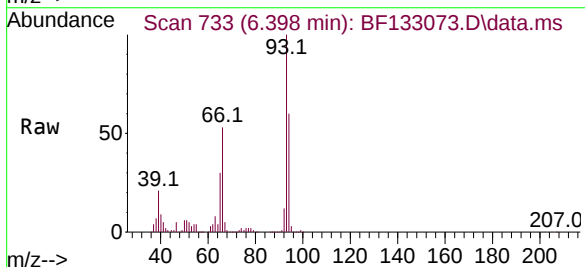
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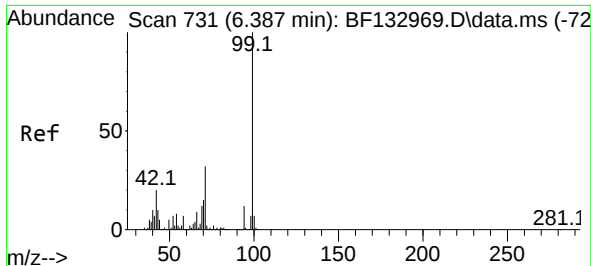
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#6
Aniline
Concen: 33.173 ng
RT: 6.398 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Tgt Ion: 93 Resp: 626689
Ion Ratio Lower Upper
93 100
66 53.2 31.5 47.3#
65 30.4 16.4 24.6#





#7

Phenol-d6

Concen: 106.990 ng

RT: 6.381 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MS

Tgt Ion: 99 Resp: 156928

Ion Ratio Lower Upper

99 100

42 19.1 16.3 24.5

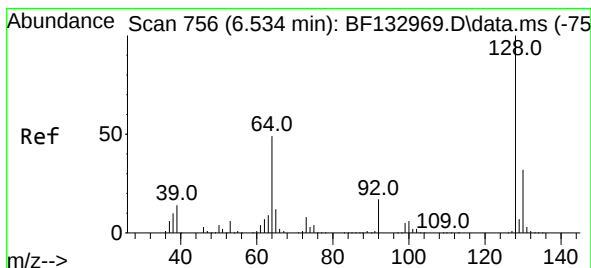
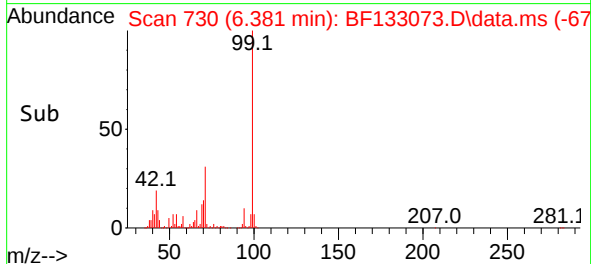
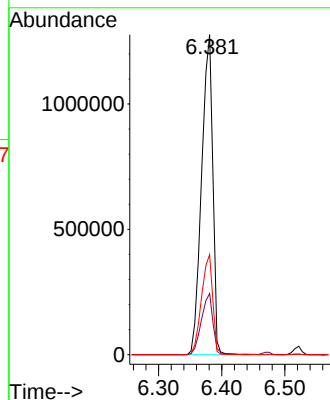
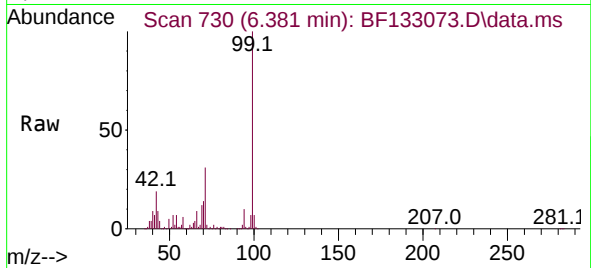
71 31.3 25.6 38.4

Manual Integrations

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#8

2-Chlorophenol

Concen: 49.952 ng

RT: 6.522 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

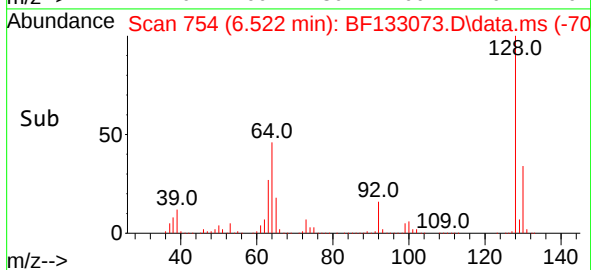
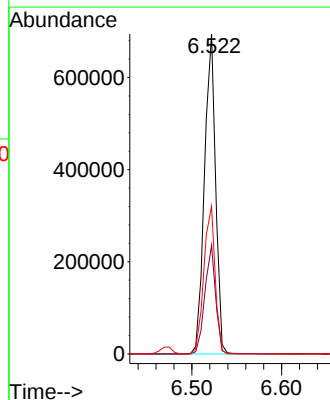
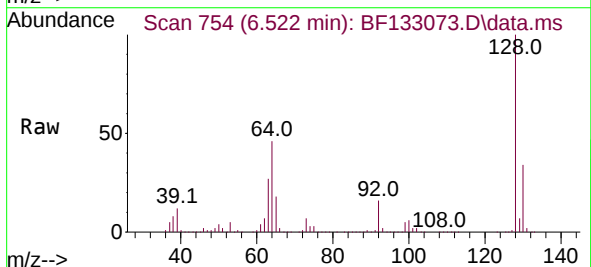
Tgt Ion:128 Resp: 599339

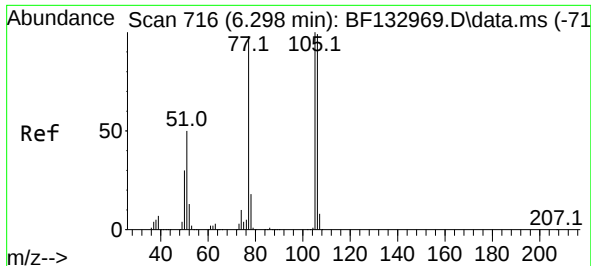
Ion Ratio Lower Upper

128 100

130 33.9 12.2 52.2

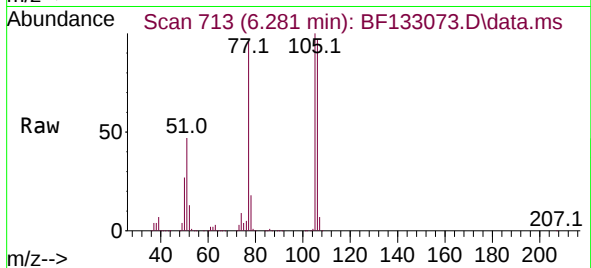
64 46.2 30.3 70.3





#9
Benzaldehyde
Concen: 59.976 ng
RT: 6.281 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

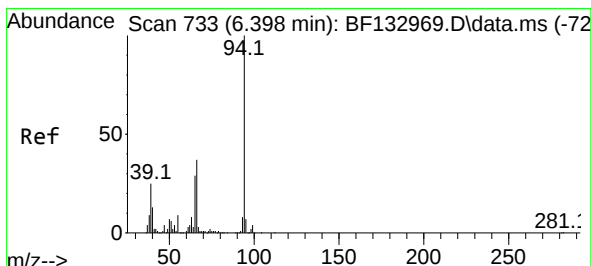
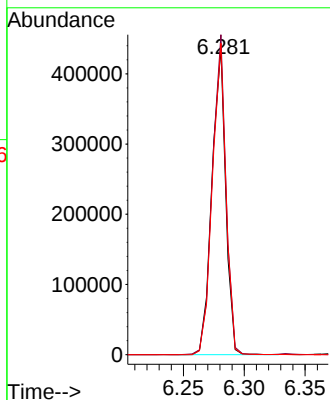
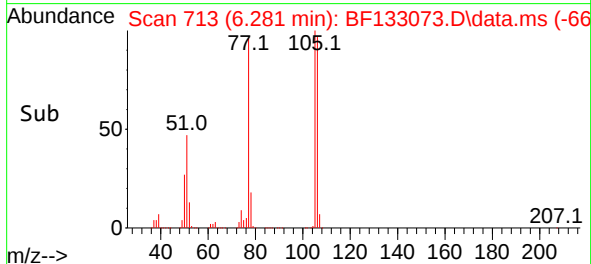
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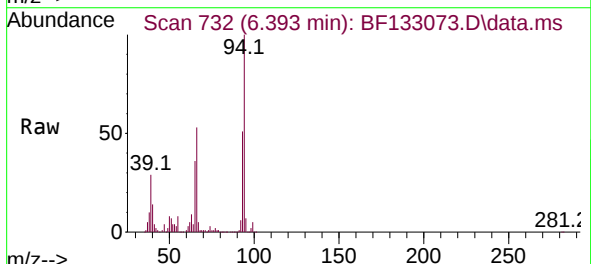
Tgt Ion: 77 Resp: 34348
Ion Ratio Lower Upper
77 100
105 104.6 82.3 122.3
106 101.7 80.8 120.8

Manual Integrations
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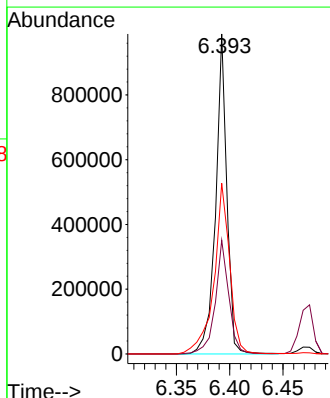
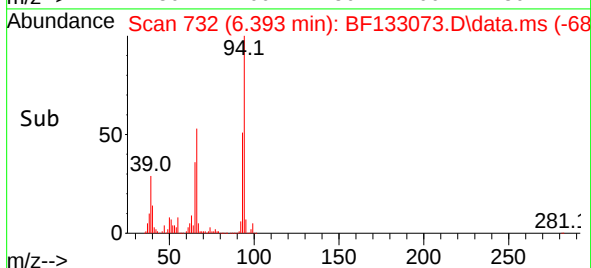
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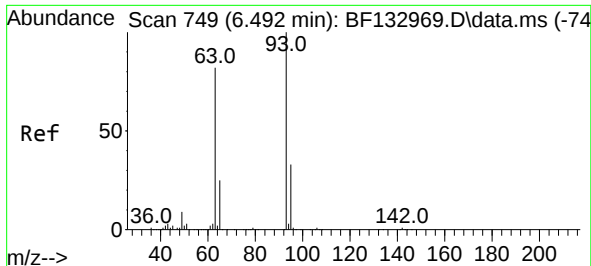


#10
Phenol
Concen: 44.727 ng
RT: 6.393 min Scan# 732
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32



Tgt Ion: 94 Resp: 723733
Ion Ratio Lower Upper
94 100
65 35.6 8.6 48.6
66 53.4 17.3 57.3





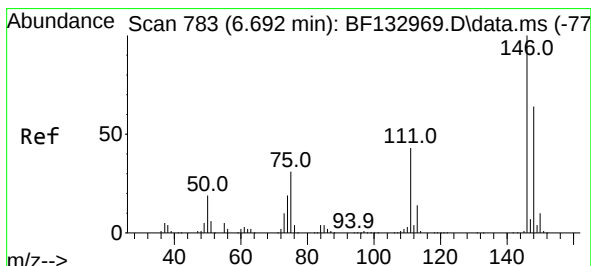
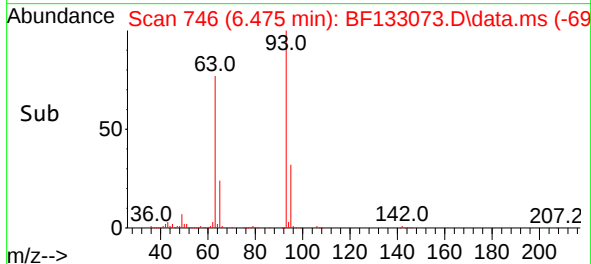
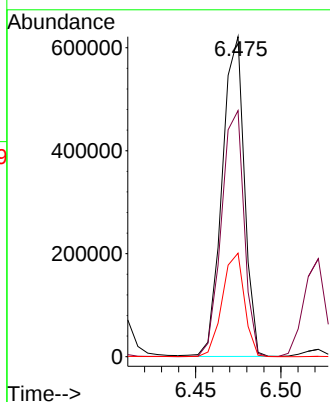
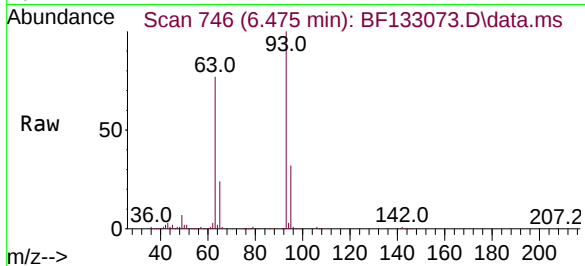
#11
bis(2-Chloroethyl)ether
Concen: 46.600 ng
RT: 6.475 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS

Tgt Ion: 93 Resp: 565835
Ion Ratio Lower Upper
93 100
63 76.9 60.6 100.6
95 32.4 12.9 52.9

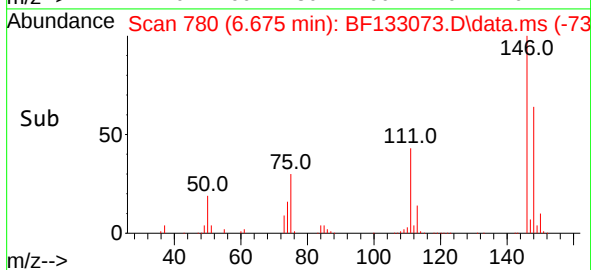
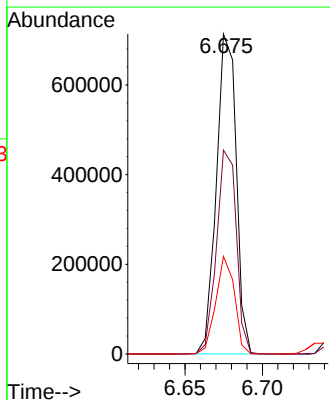
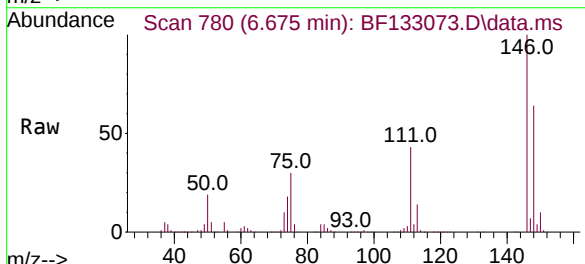
Manual Integrations
APPROVED

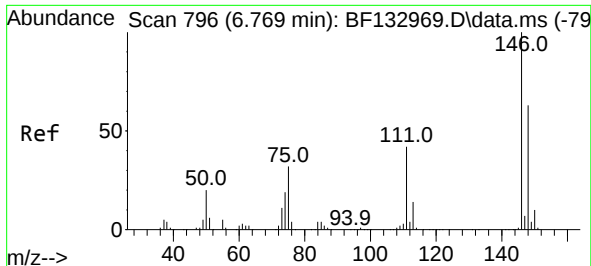
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#12
1,3-Dichlorobenzene
Concen: 49.902 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Tgt Ion:146 Resp: 636576
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
75 30.5 24.8 37.2





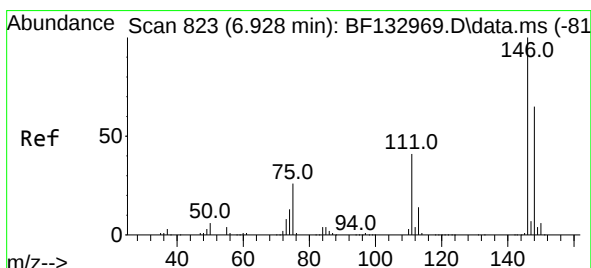
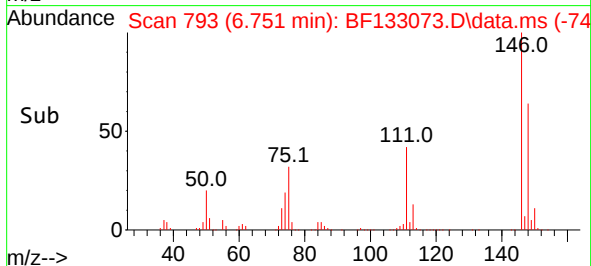
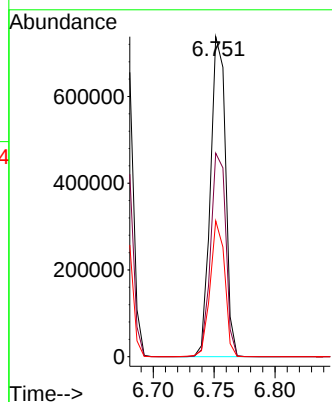
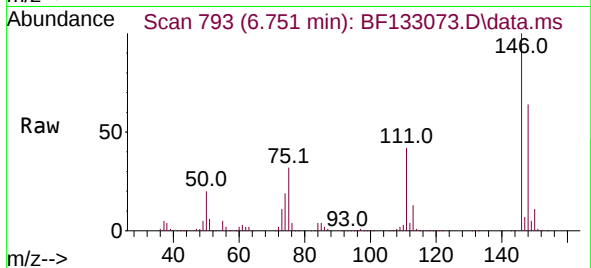
#13
1,4-Dichlorobenzene
Concen: 49.660 ng
RT: 6.751 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS

Tgt Ion:146 Resp: 634884
Ion Ratio Lower Upper
146 100
148 63.6 50.3 75.5
111 42.5 33.8 50.6

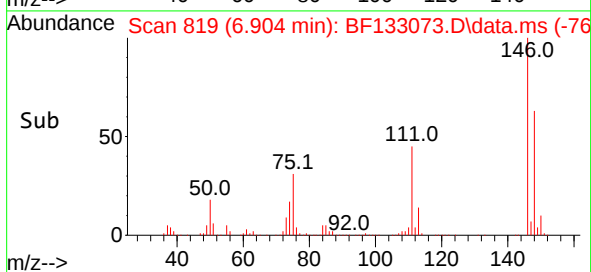
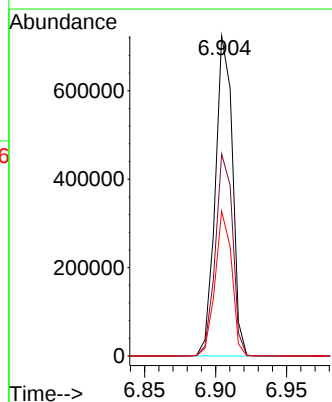
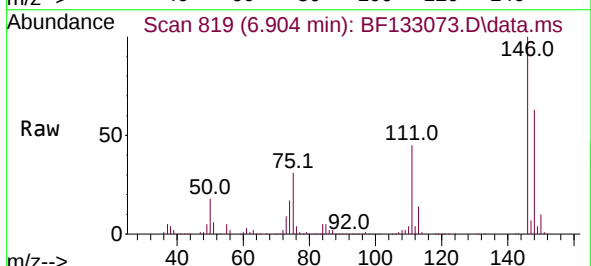
Manual Integrations
APPROVED

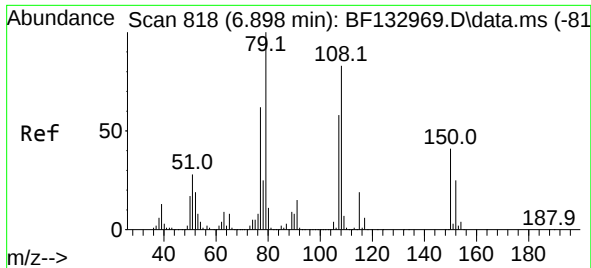
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#14
1,2-Dichlorobenzene
Concen: 51.501 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Tgt Ion:146 Resp: 607030
Ion Ratio Lower Upper
146 100
148 63.1 52.2 78.2
111 45.3 32.8 49.2





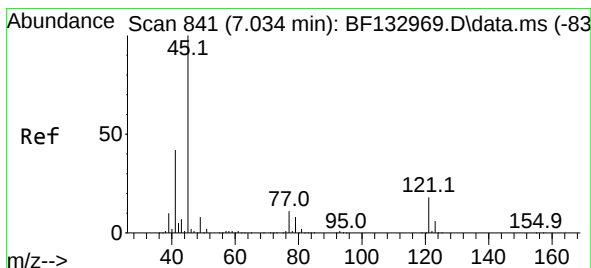
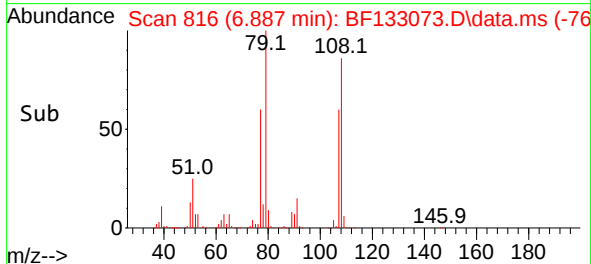
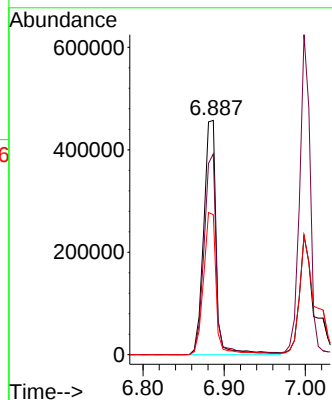
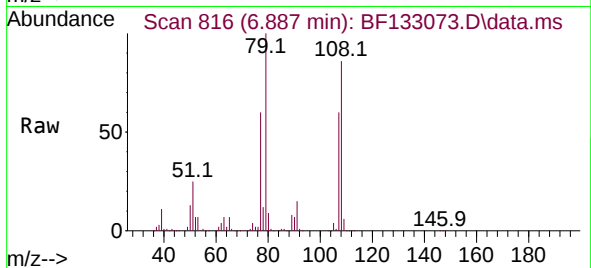
#15
Benzyl Alcohol
Concen: 48.598 ng
RT: 6.887 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS

Tgt Ion: 79 Resp: 492384
Ion Ratio Lower Upper
79 100
108 85.7 66.6 99.8
77 59.7 49.2 73.8

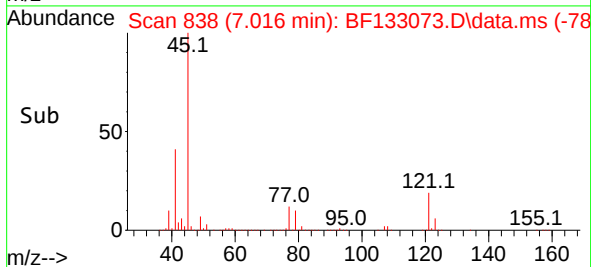
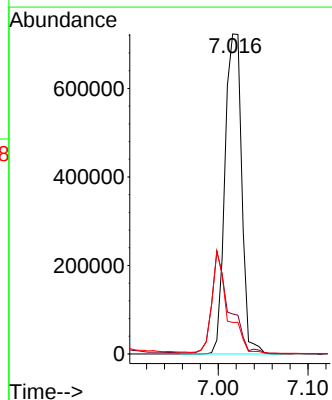
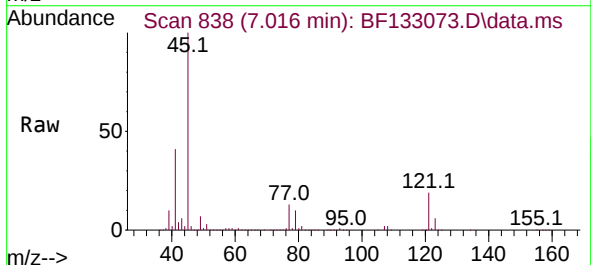
Manual Integrations
APPROVED

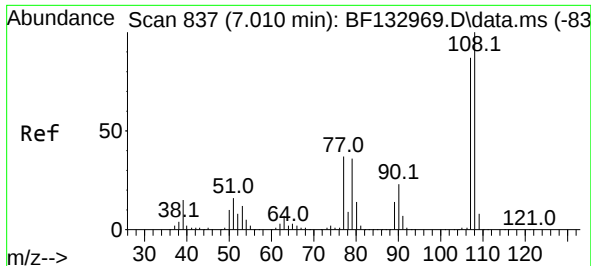
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#16
2,2'-oxybis(1-chloropropane)
Concen: 44.338 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

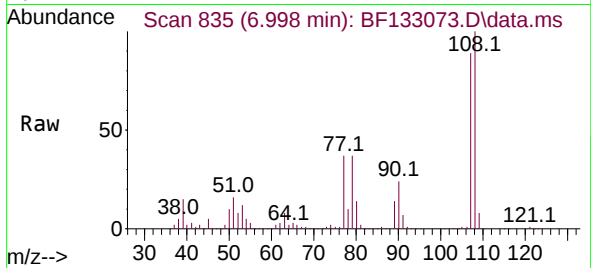
Tgt Ion: 45 Resp: 935087
Ion Ratio Lower Upper
45 100
77 12.5 0.0 31.5
79 9.9 0.0 28.7





#17
2-Methylphenol
Concen: 44.639 ng
RT: 6.998 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

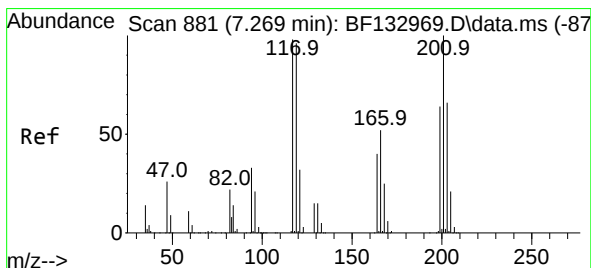
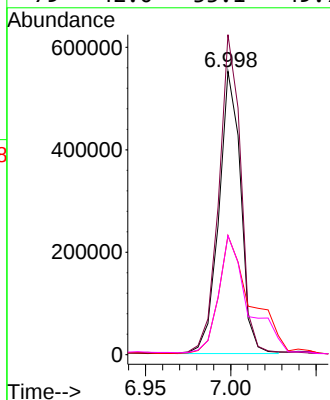
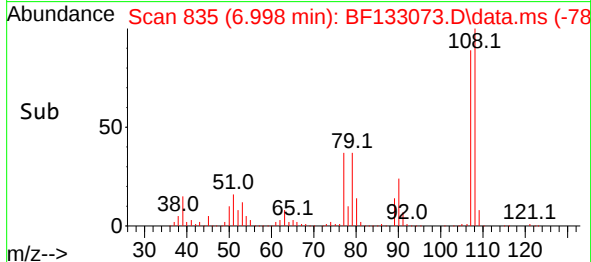
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS



Tgt Ion:107 Resp: 490432
Ion Ratio Lower Upper
107 100
108 112.9 92.4 138.6
77 42.0 33.8 50.8
79 42.0 33.1 49.7

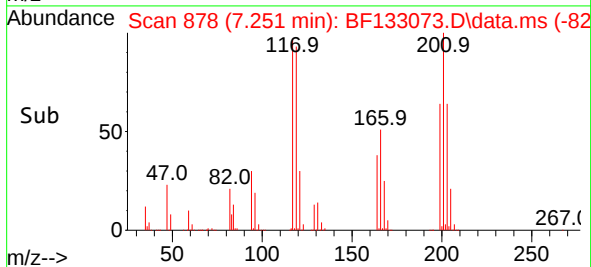
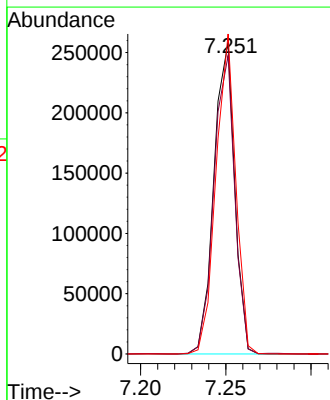
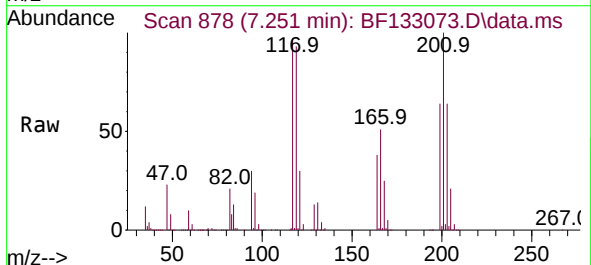
Manual Integrations
APPROVED

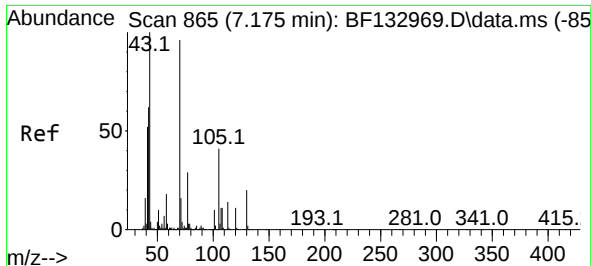
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#18
Hexachloroethane
Concen: 49.200 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Tgt Ion:117 Resp: 218686
Ion Ratio Lower Upper
117 100
119 95.8 78.2 117.4
201 102.7 81.7 122.5





#19

n-Nitroso-di-n-propylamine

Concen: 43.311 ng

RT: 7.157 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF133073.D

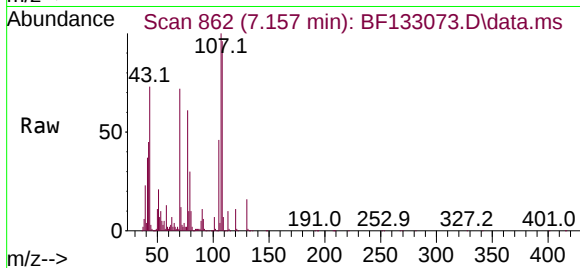
Acq: 26 Apr 2023 19:32

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MS



Tgt Ion: 70 Resp: 395480

Ion Ratio Lower Upper

70 100

42 62.9 51.8 77.6

101 9.8 8.0 12.0

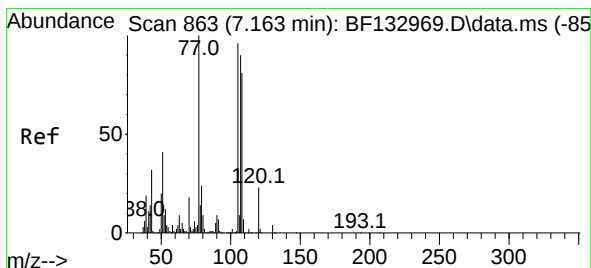
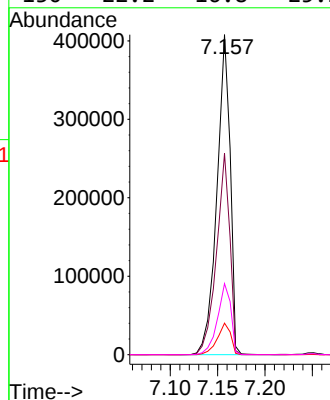
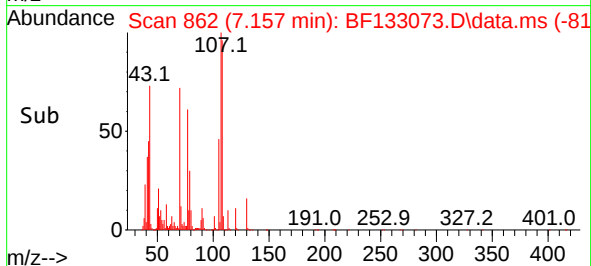
130 22.2 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2023

Supervised By :Jagrut Upadhyay 04/27/2023



#20

3+4-Methylphenols

Concen: 45.834 ng

RT: 7.151 min Scan# 861

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

Tgt Ion:107 Resp: 593026

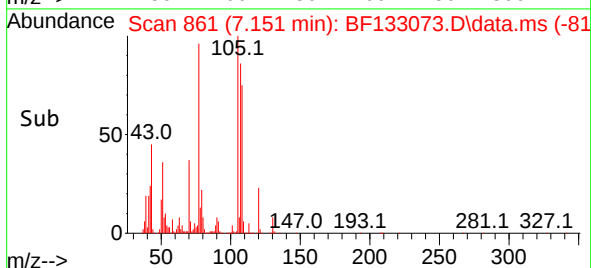
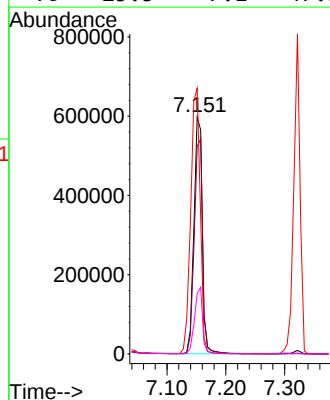
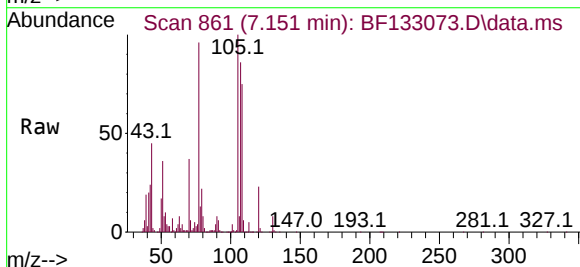
Ion Ratio Lower Upper

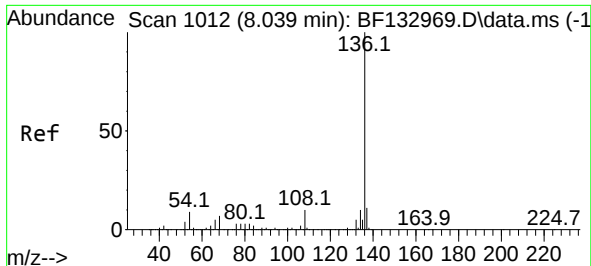
107 100

108 87.6 70.5 110.5

77 112.2 91.7 131.7

79 25.5 7.1 47.1





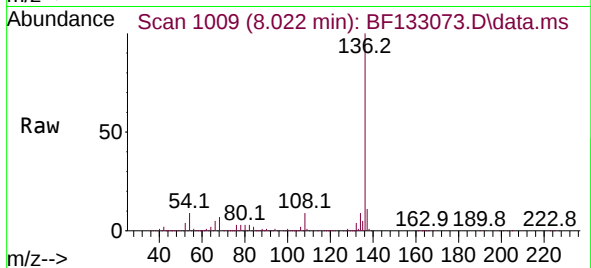
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MS

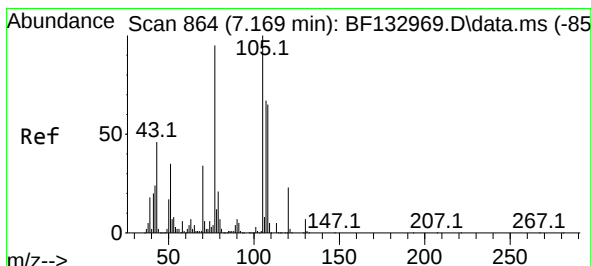
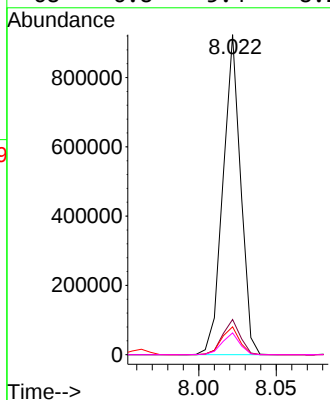
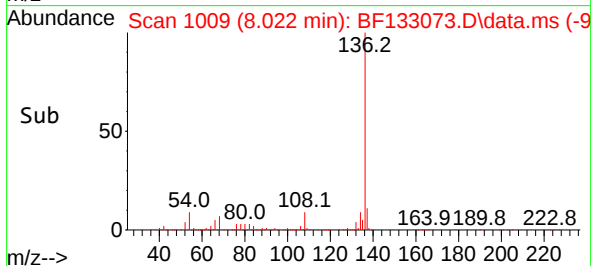


Tgt Ion:136 Resp: 731024
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.7 7.0 10.4
68 6.8 5.4 8.2

Manual Integrations

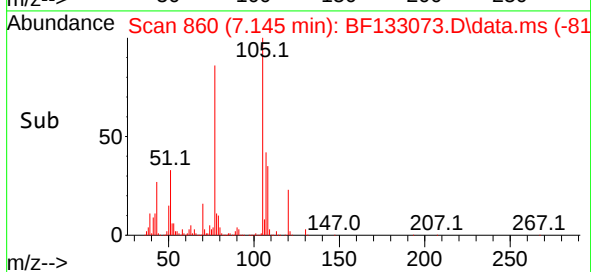
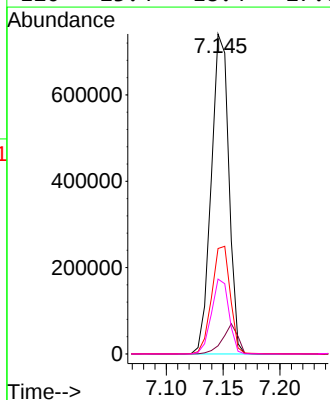
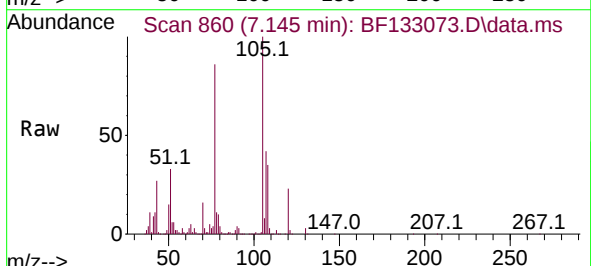
APPROVED

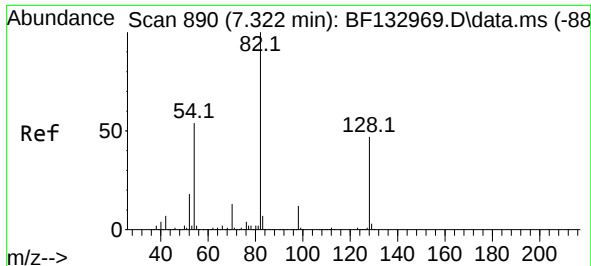
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#22
Acetophenone
Concen: 47.090 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Tgt Ion:105 Resp: 797426
Ion Ratio Lower Upper
105 100
71 2.6 4.6 7.0#
51 32.9 28.2 42.2
120 23.4 18.4 27.6





#23

Nitrobenzene-d5

Concen: 70.692 ng

RT: 7.304 min Scan# 890

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

Instrument :

BNA_F

ClientSampleId :

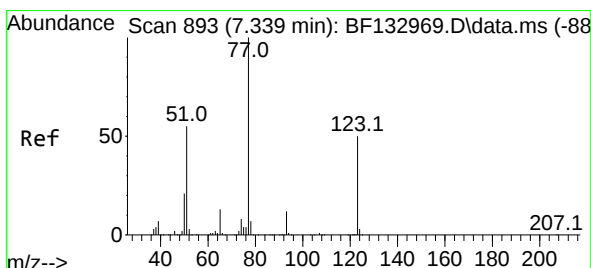
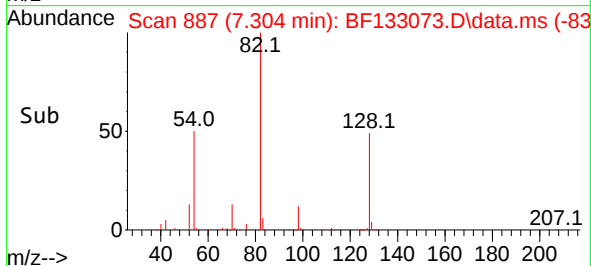
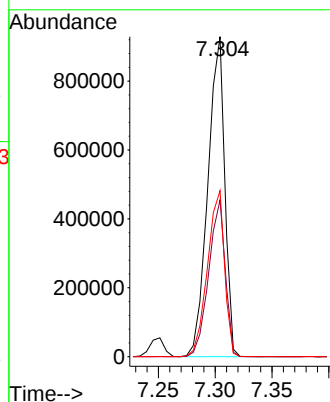
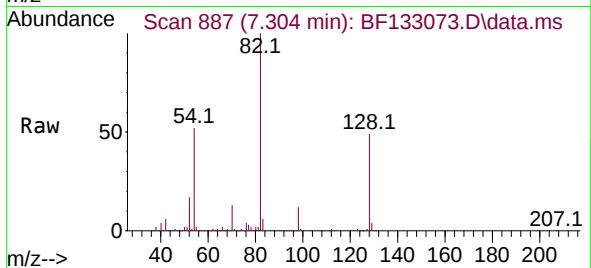
S2S-TP3MS

Tgt Ion: 82 Resp: 957390
 Ion Ratio Lower Upper
 82 100
 128 49.0 37.7 56.5
 54 51.9 43.0 64.4

Manual Integrations

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Reviewed By :Christian Giraldo 04/27/2023
 Supervised By :Jagrut Upadhyay 04/27/2023



#24

Nitrobenzene

Concen: 43.943 ng

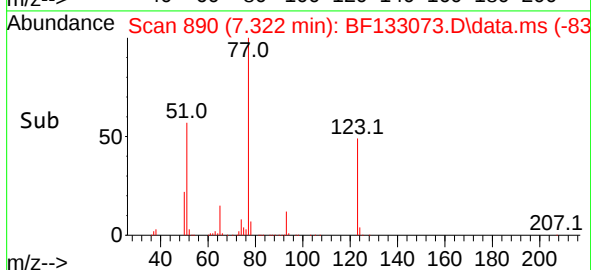
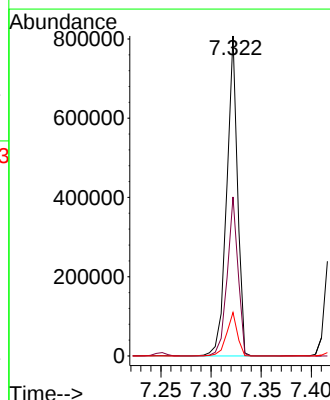
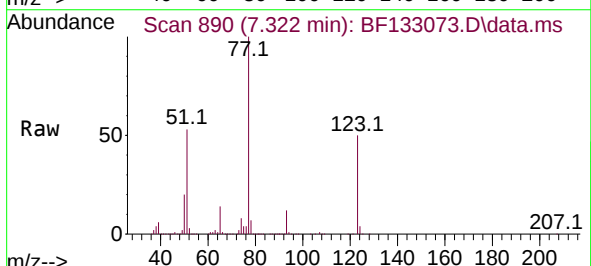
RT: 7.322 min Scan# 890

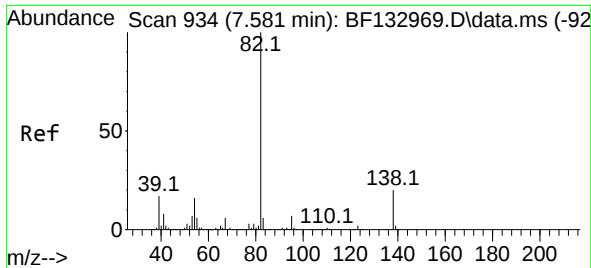
Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

Tgt Ion: 77 Resp: 603066
 Ion Ratio Lower Upper
 77 100
 123 49.7 39.9 59.9
 65 13.6 10.7 16.1





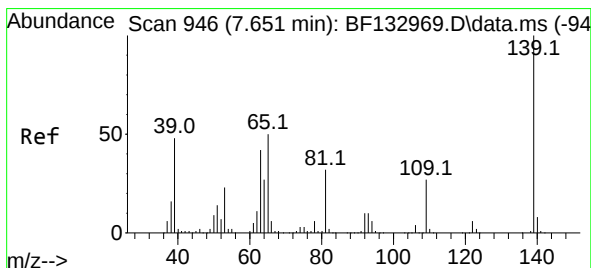
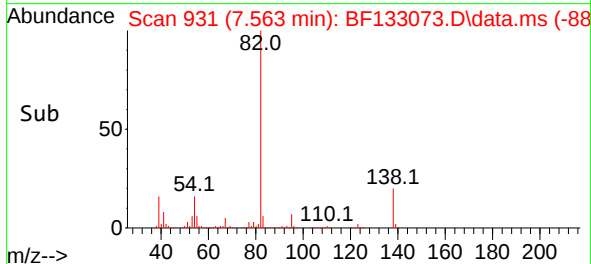
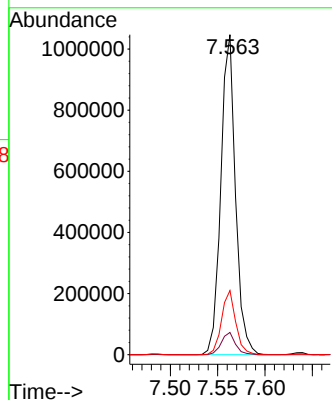
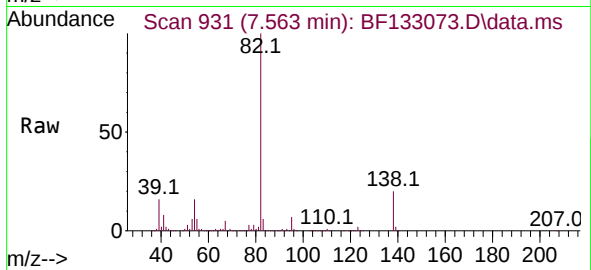
#25
Isophorone
Concen: 43.918 ng
RT: 7.563 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS

Tgt Ion: 82 Resp: 112930
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.0
138 20.1 16.0 24.0

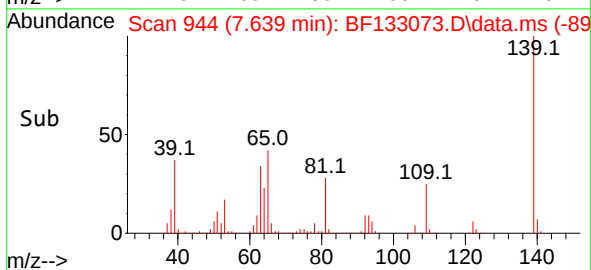
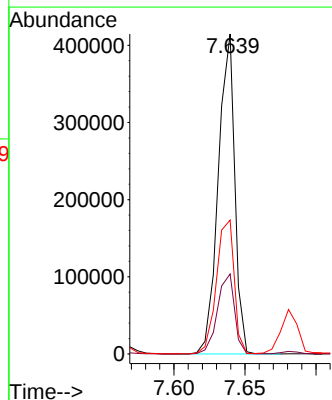
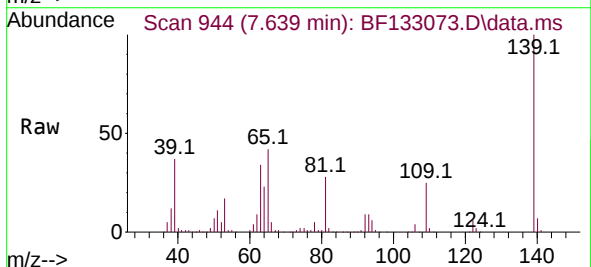
Manual Integrations
APPROVED

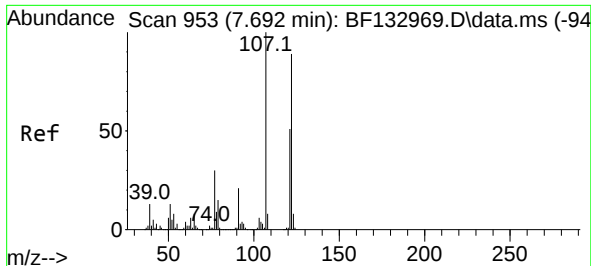
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#26
2-Nitrophenol
Concen: 50.534 ng
RT: 7.639 min Scan# 944
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Tgt Ion:139 Resp: 334505
Ion Ratio Lower Upper
139 100
109 25.0 21.6 32.4
65 41.8 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 48.655 ng

RT: 7.681 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF133073.D

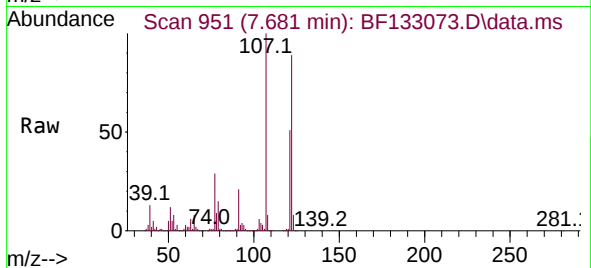
Acq: 26 Apr 2023 19:32

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MS

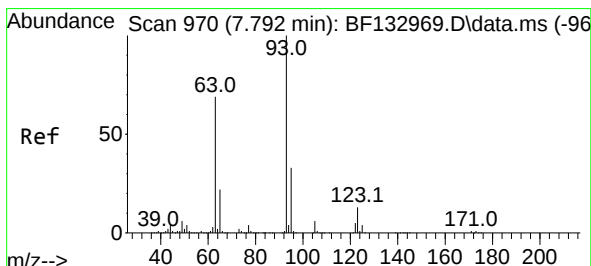
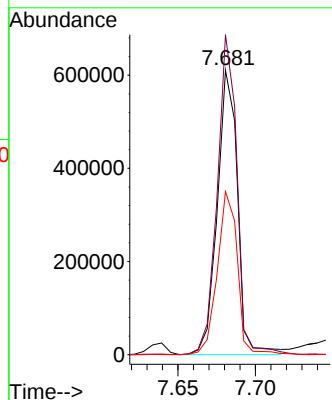
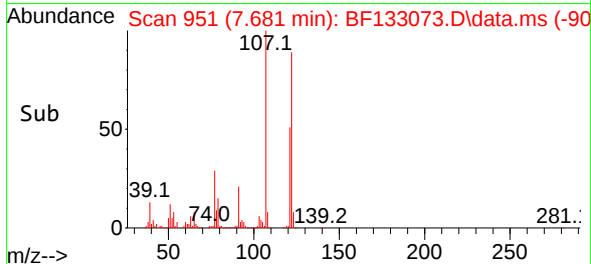


Tgt Ion:	122	Resp:	55225
Ion	Ratio	Lower	Upper
122	100		
107	112.5	89.7	134.5
121	57.4	46.0	69.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#28

bis(2-Chloroethoxy)methane

Concen: 44.557 ng

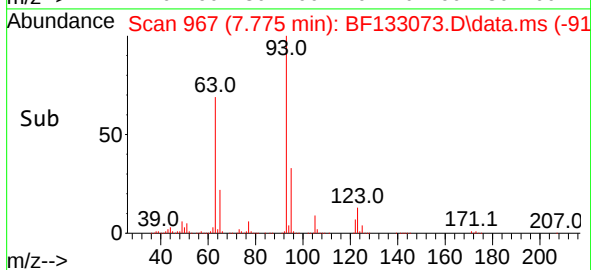
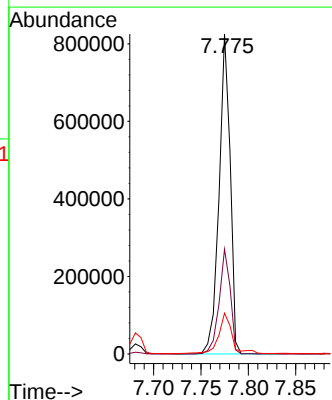
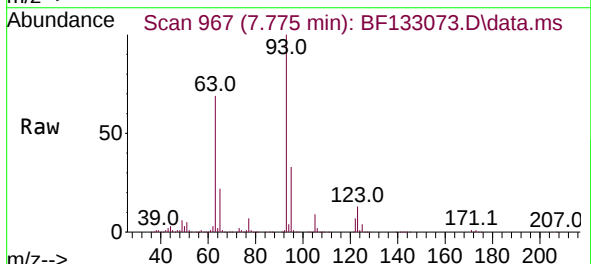
RT: 7.775 min Scan# 967

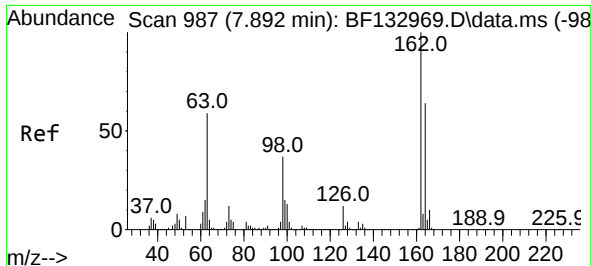
Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

Tgt Ion:	93	Resp:	677805
Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.4	39.6
123	12.7	10.3	15.5





#29
2,4-Dichlorophenol
Concen: 47.841 ng
RT: 7.881 min Scan# 990
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Instrument :

BNA_F

ClientSampleId :

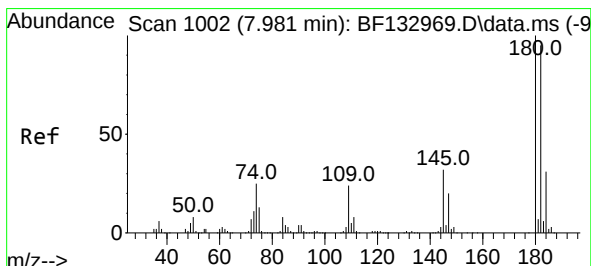
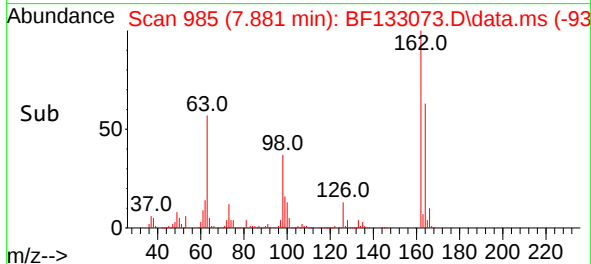
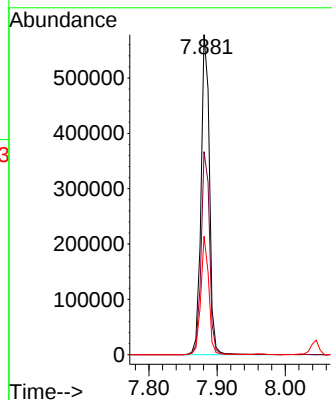
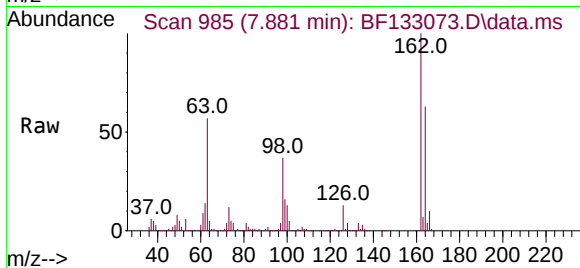
S2S-TP3MS

Tgt Ion:162 Resp: 494329
Ion Ratio Lower Upper
162 100
164 63.5 43.9 83.9
98 37.0 17.0 57.0

Manual Integrations

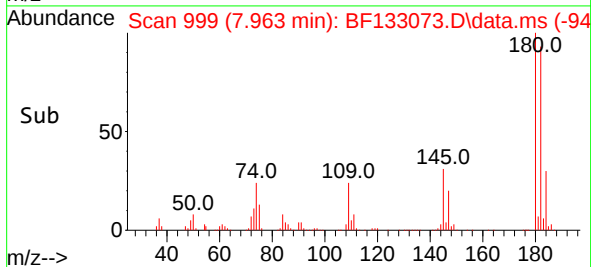
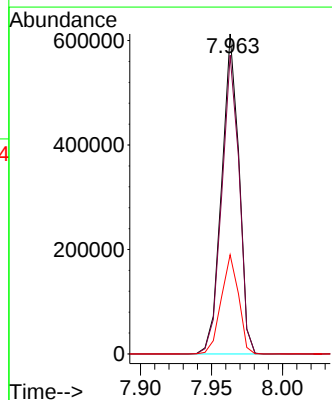
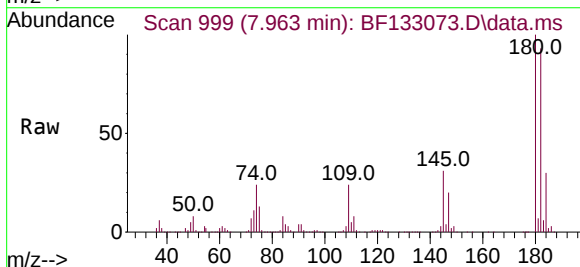
APPROVED

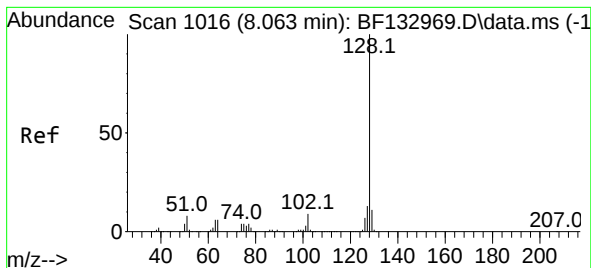
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#30
1,2,4-Trichlorobenzene
Concen: 48.244 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Tgt Ion:180 Resp: 516432
Ion Ratio Lower Upper
180 100
182 93.3 75.9 113.9
145 31.0 25.3 37.9





#31

Naphthalene

Concen: 45.689 ng

RT: 8.045 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MS

Tgt Ion:128 Resp: 1669890

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

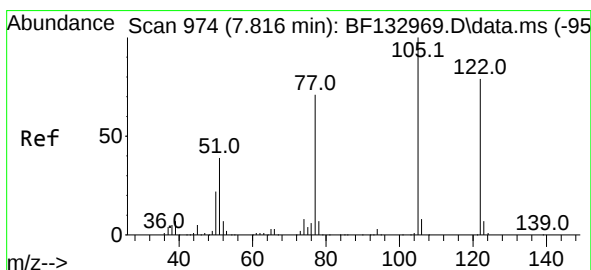
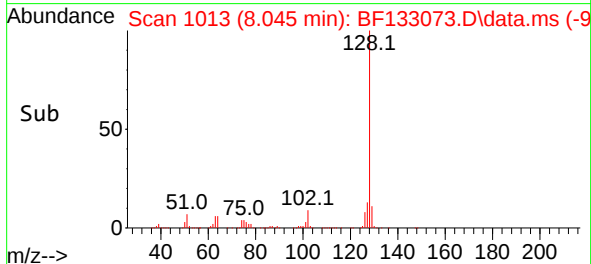
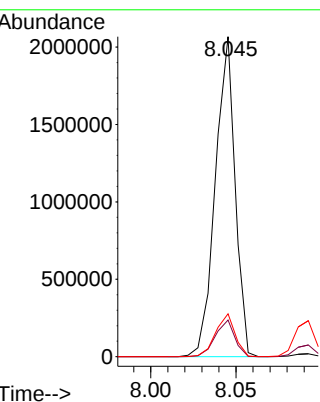
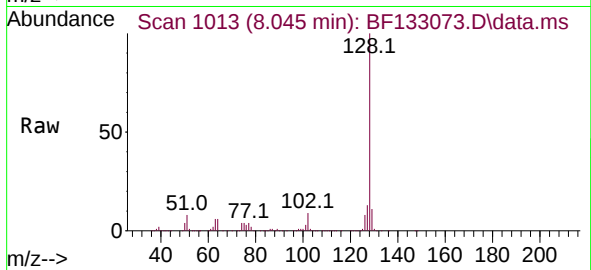
127 13.4 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2023

Supervised By :Jagrut Upadhyay 04/27/2023



#32

Benzoic acid

Concen: 50.970 ng m

RT: 7.804 min Scan# 972

Delta R.T. 0.006 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

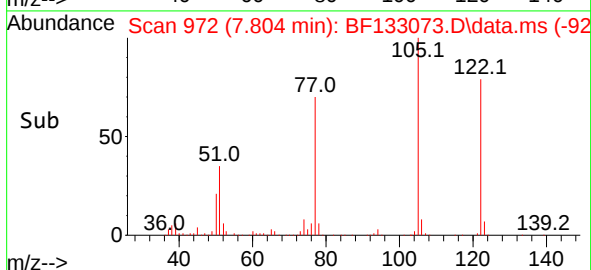
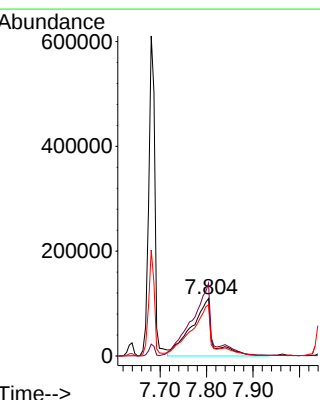
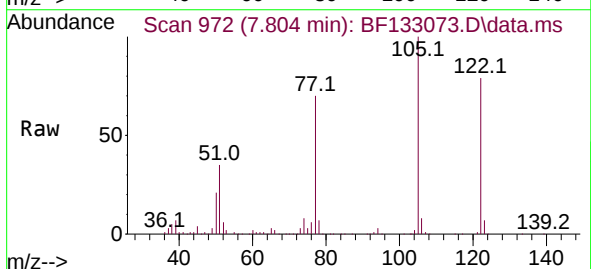
Tgt Ion:122 Resp: 357353

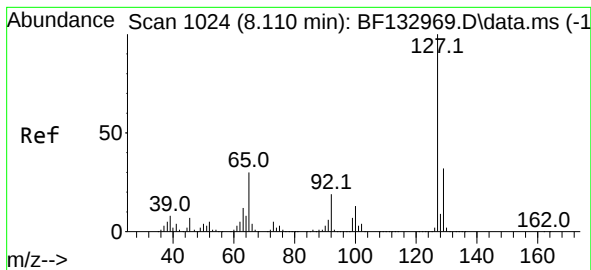
Ion Ratio Lower Upper

122 100

105 126.4 104.2 144.2

77 89.0 69.7 109.7





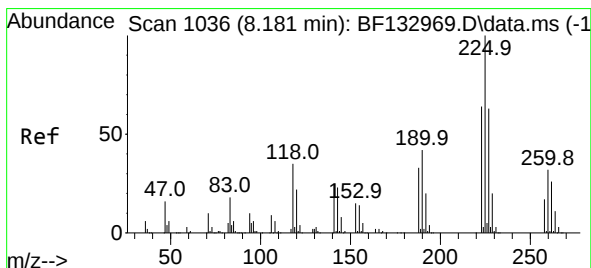
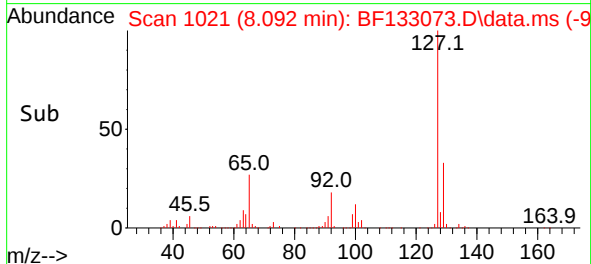
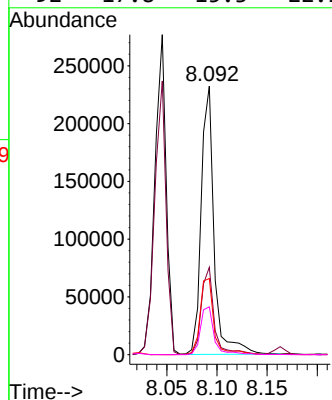
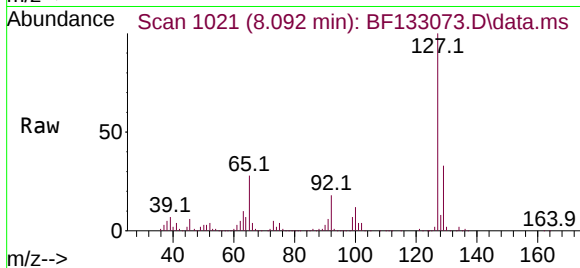
#33
4-Chloroaniline
Concen: 14.170 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS

Tgt Ion:	127	Resp:	20924
Ion Ratio	Lower	Upper	
127	100		
129	32.5	25.8	38.8
65	28.4	23.6	35.4
92	17.8	15.3	22.9

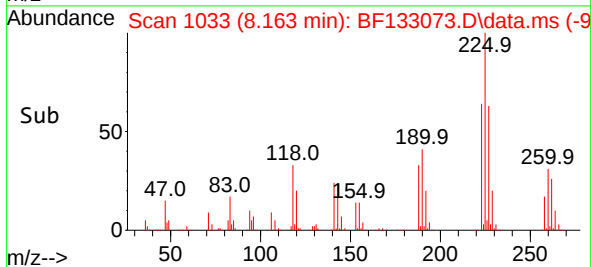
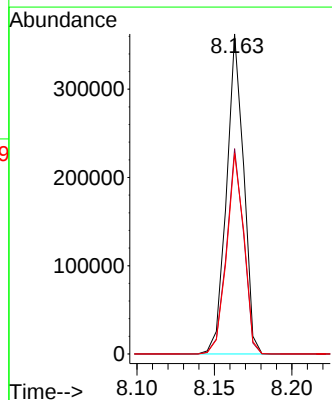
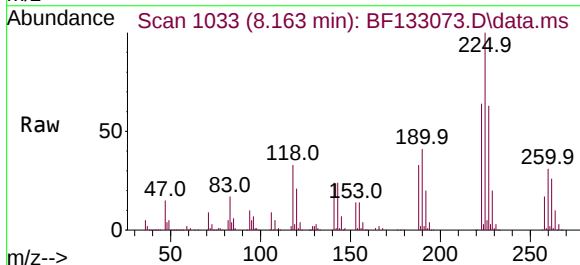
Manual Integrations
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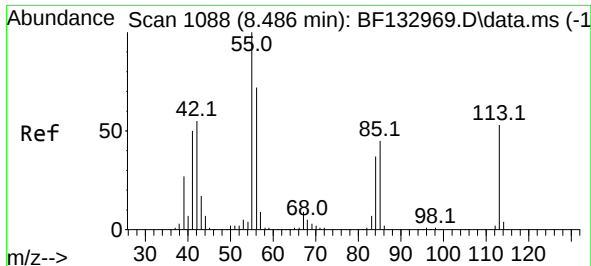
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#34
Hexachlorobutadiene
Concen: 46.817 ng
RT: 8.163 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

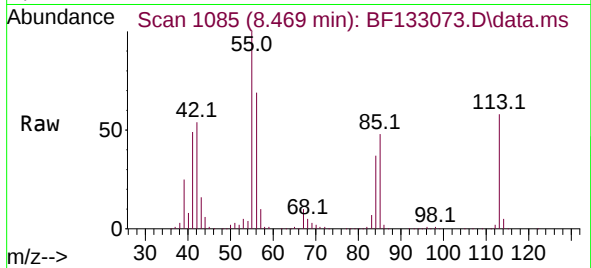
Tgt Ion:	225	Resp:	277766
Ion Ratio	Lower	Upper	
225	100		
223	64.1	50.9	76.3
227	62.6	50.3	75.5





#35
Caprolactam
Concen: 53.392 ng m
RT: 8.469 min Scan# 1085
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

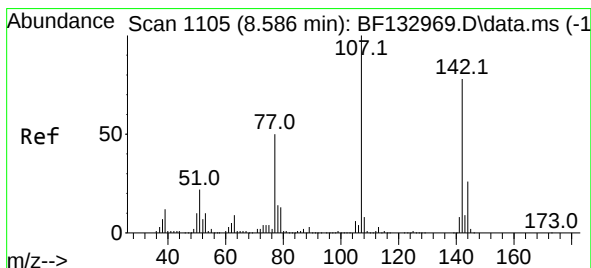
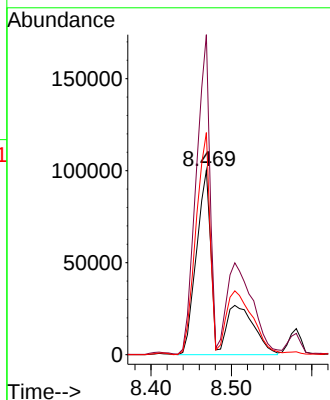
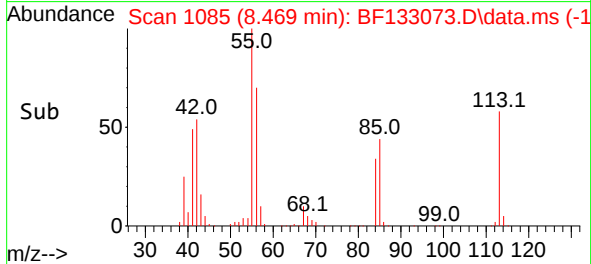
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS



Tgt Ion:113 Resp: 18533
Ion Ratio Lower Upper
113 100
55 173.7 167.1 207.1
56 120.6 114.5 154.5

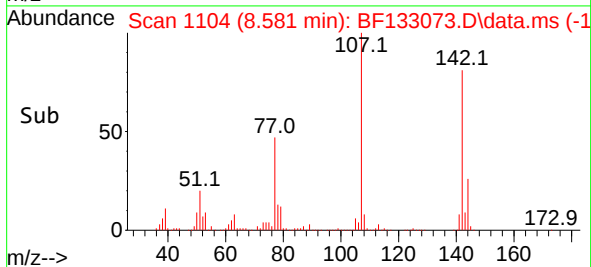
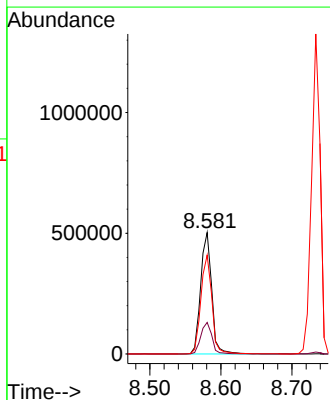
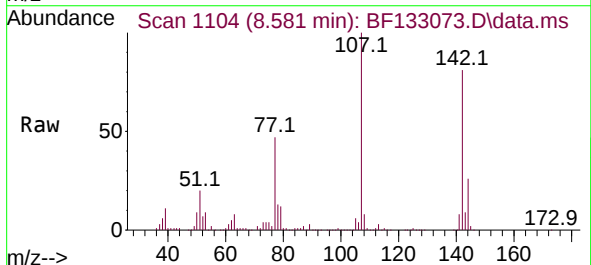
Manual Integrations
APPROVED

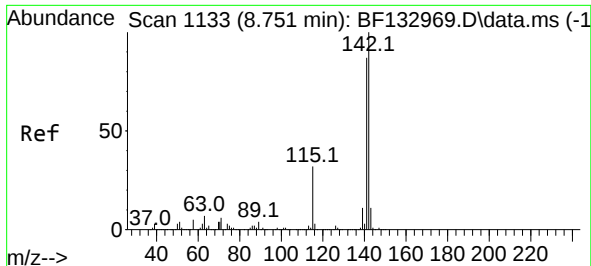
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#36
4-Chloro-3-methylphenol
Concen: 48.996 ng
RT: 8.581 min Scan# 1104
Delta R.T. 0.006 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Tgt Ion:107 Resp: 545947
Ion Ratio Lower Upper
107 100
144 25.9 20.6 30.8
142 81.4 62.8 94.2





#37

2-Methylnaphthalene

Concen: 44.903 ng

RT: 8.734 min Scan# 1133

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MS

Tgt Ion:142 Resp: 1122028

Ion Ratio Lower Upper

142 100

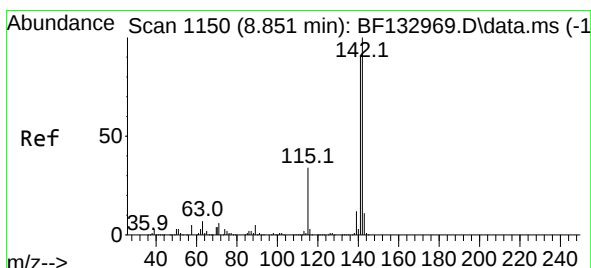
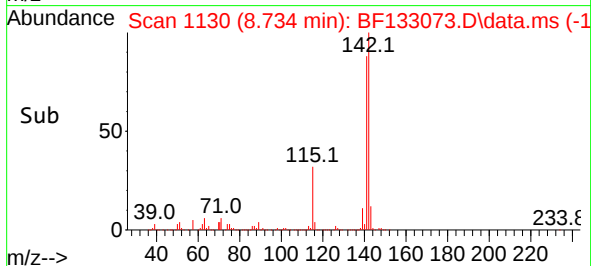
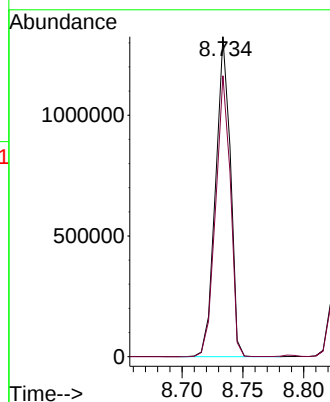
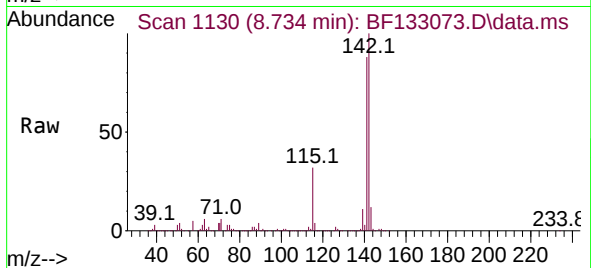
141 87.8 69.4 104.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2023

Supervised By :Jagrut Upadhyay 04/27/2023



#38

1-Methylnaphthalene

Concen: 44.364 ng

RT: 8.834 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF133073.D

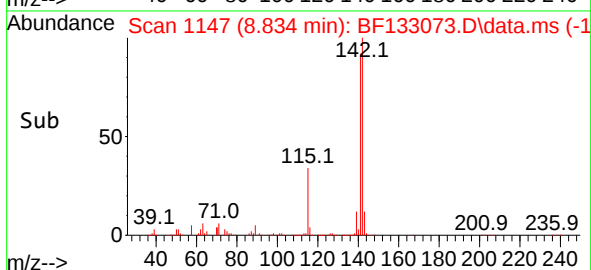
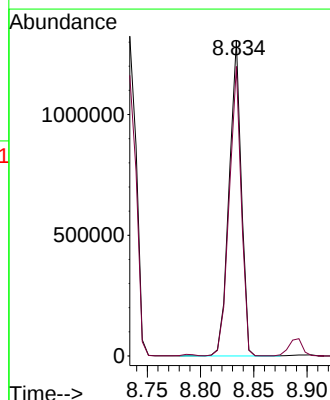
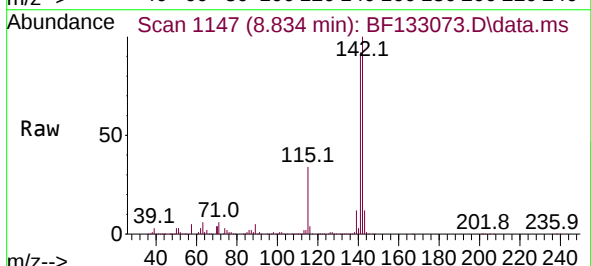
Acq: 26 Apr 2023 19:32

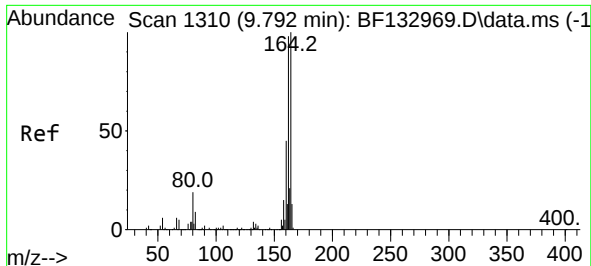
Tgt Ion:142 Resp: 1037023

Ion Ratio Lower Upper

142 100

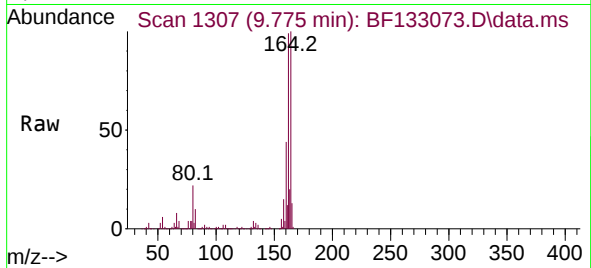
141 91.7 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

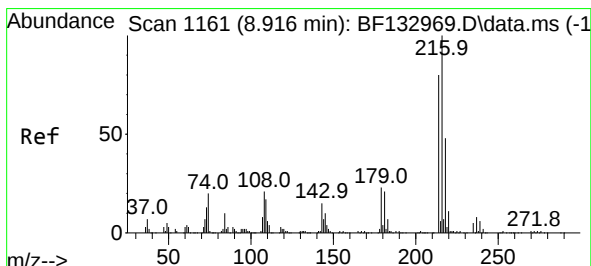
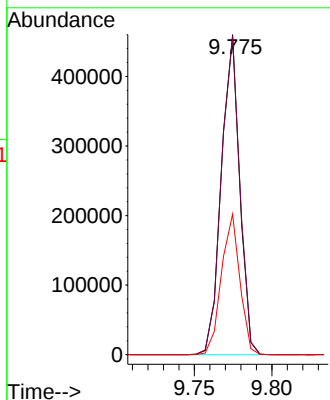
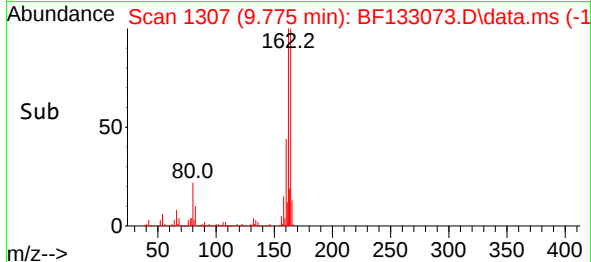
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS



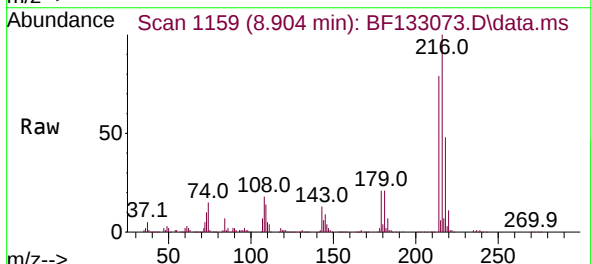
Tgt Ion:164 Resp: 377777
Ion Ratio Lower Upper
164 100
162 99.5 78.7 118.1
160 43.9 35.8 53.6

Manual Integrations
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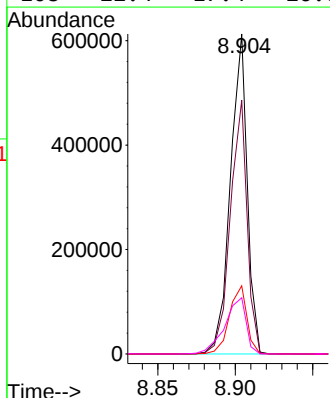
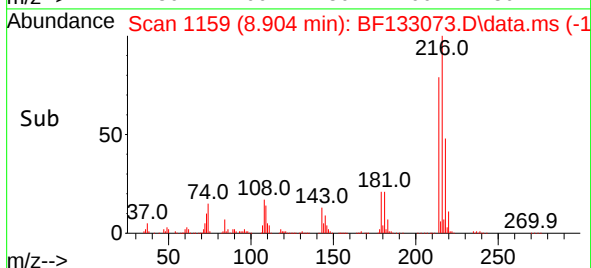
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

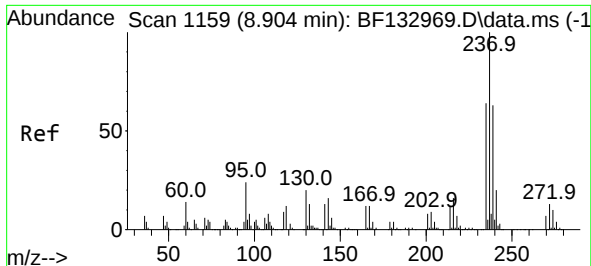


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.531 ng
RT: 8.904 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32



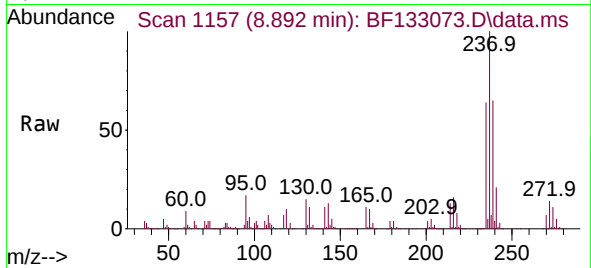
Tgt Ion:216 Resp: 462478
Ion Ratio Lower Upper
216 100
214 79.1 63.5 95.3
179 22.1 17.4 26.2
108 22.4 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 93.116 ng
RT: 8.892 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

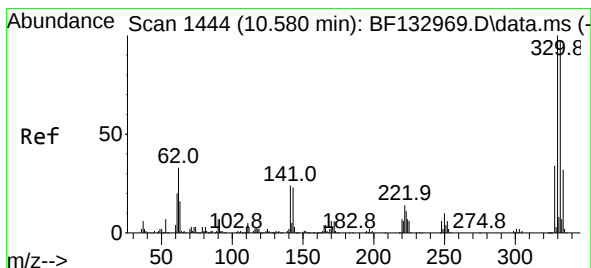
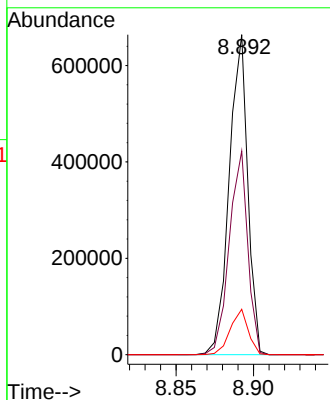
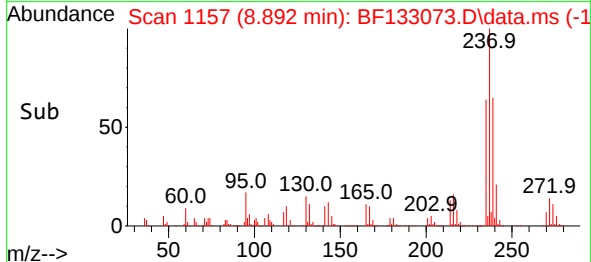
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS



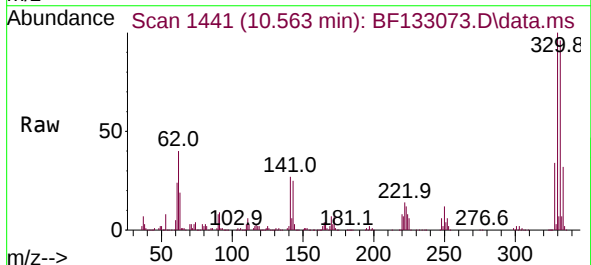
Tgt Ion: 237 Resp: 551598
Ion Ratio Lower Upper
237 100
235 63.6 43.5 83.5
272 14.2 0.0 32.7

Manual Integrations
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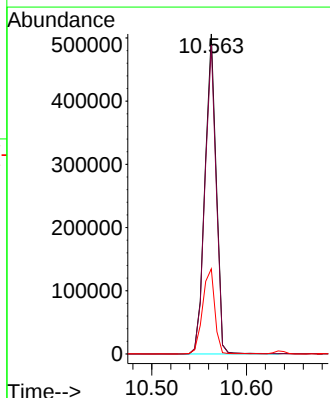
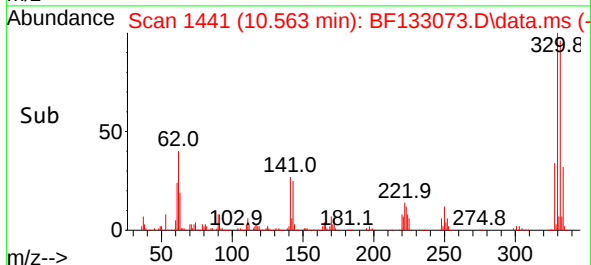
Reviewed By : Christian Giraldo 04/27/2023
Supervised By : Jagrut Upadhyay 04/27/2023

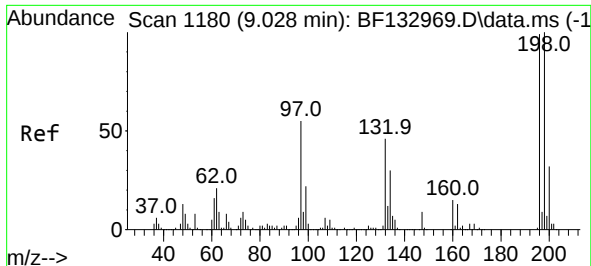


#42
2,4,6-Tribromophenol
Concen: 109.631 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32



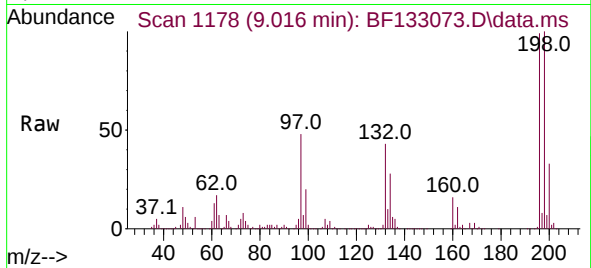
Tgt Ion: 330 Resp: 416516
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 29.0 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 47.823 ng
RT: 9.016 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

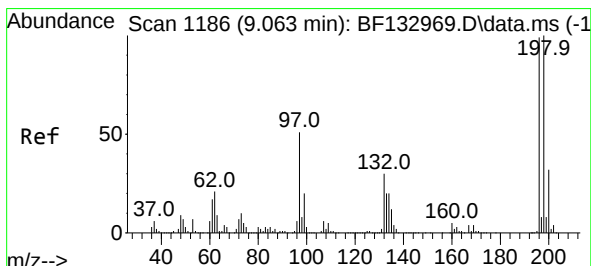
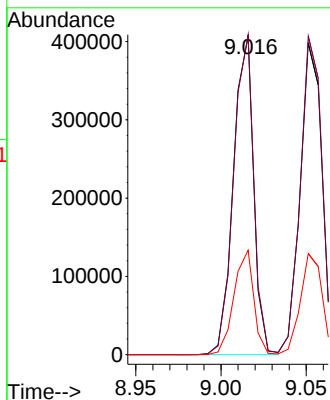
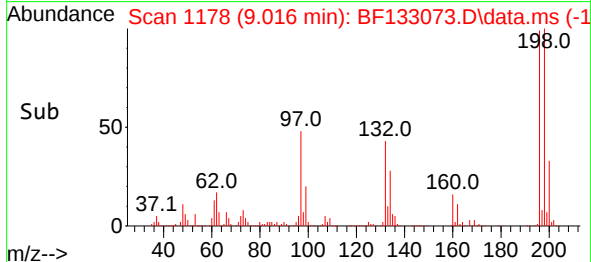
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS



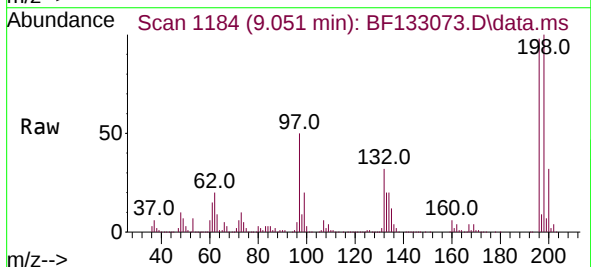
Tgt Ion:196 Resp: 33593
Ion Ratio Lower Upper
196 100
198 100.7 81.0 121.6
200 32.9 26.1 39.1

Manual Integrations
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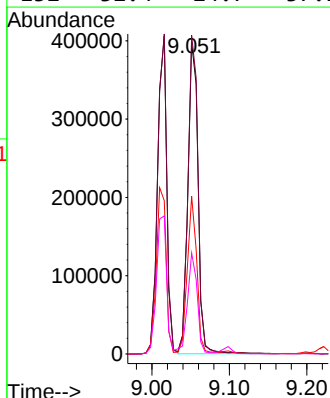
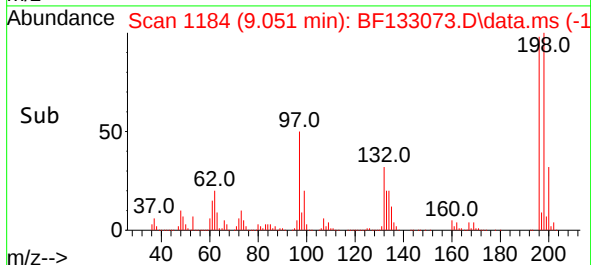
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

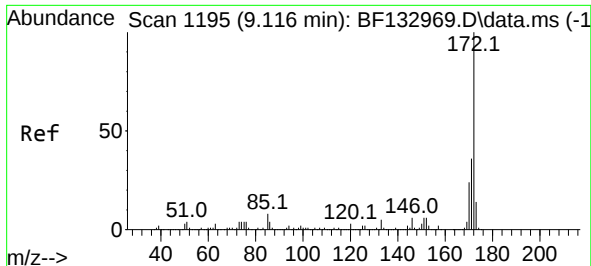


#44
2,4,5-Trichlorophenol
Concen: 44.756 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32



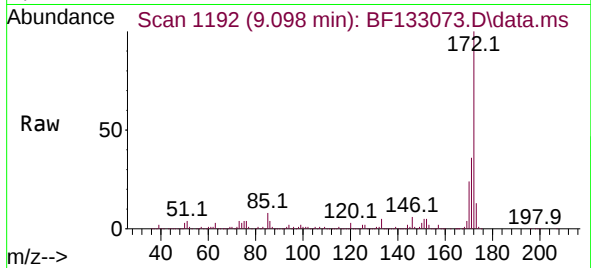
Tgt Ion:196 Resp: 363603
Ion Ratio Lower Upper
196 100
198 102.2 80.9 121.3
97 50.6 41.3 61.9
132 32.4 24.7 37.1





#45
2-Fluorobiphenyl
Concen: 72.951 ng
RT: 9.098 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

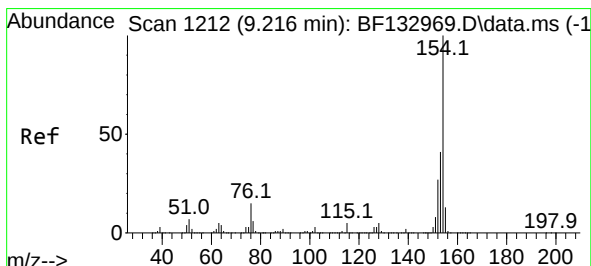
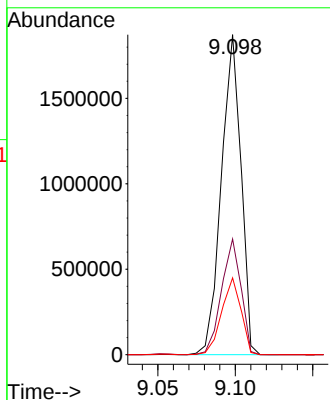
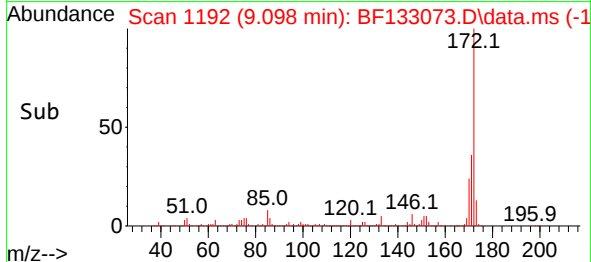
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS



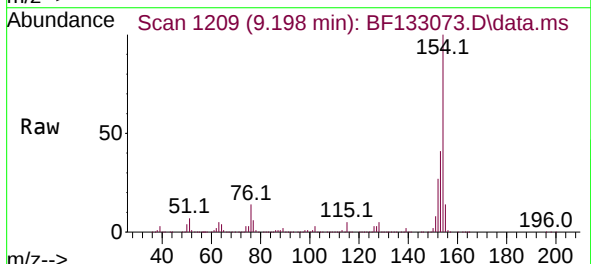
Tgt Ion:172 Resp: 1647297
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 24.0 19.4 29.2

Manual Integrations
APPROVED

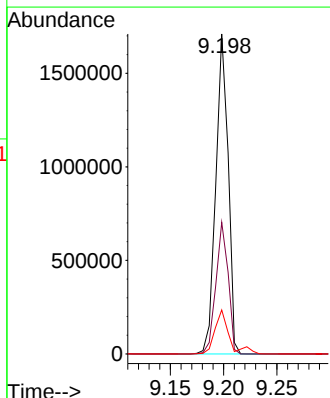
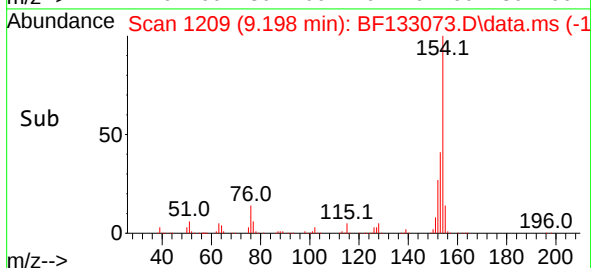
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

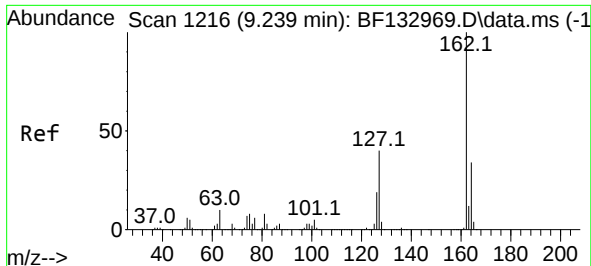


#46
1,1'-Biphenyl
Concen: 45.821 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32



Tgt Ion:154 Resp: 1372610
Ion Ratio Lower Upper
154 100
153 41.2 21.0 61.0
76 13.7 0.0 34.5





#47

2-Chloronaphthalene

Concen: 46.989 ng

RT: 9.222 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MS

Tgt Ion:162 Resp: 1030264

Ion Ratio Lower Upper

162 100

127 41.0 32.3 48.5

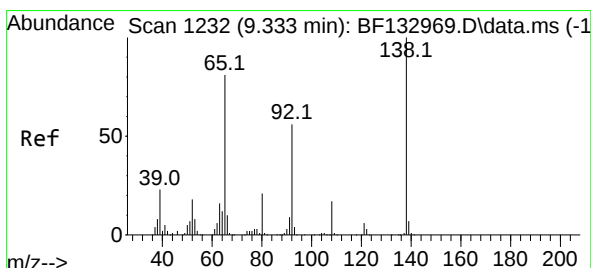
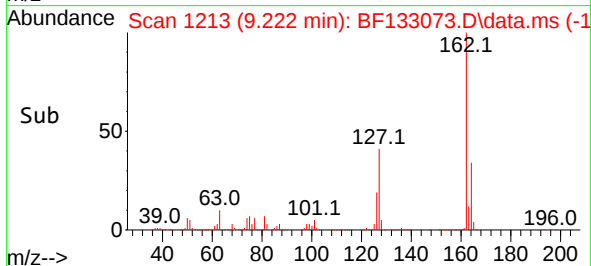
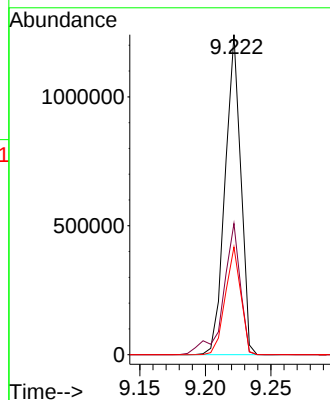
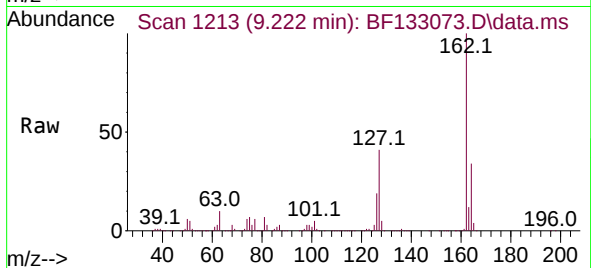
164 33.6 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2023

Supervised By :Jagrut Upadhyay 04/27/2023



#48

2-Nitroaniline

Concen: 46.515 ng

RT: 9.316 min Scan# 1229

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

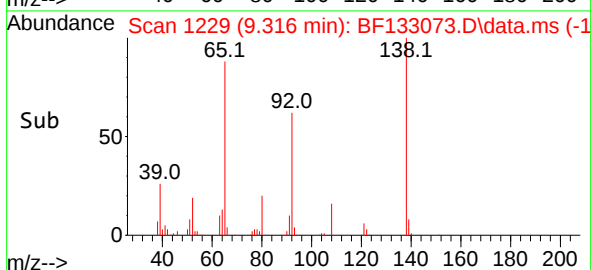
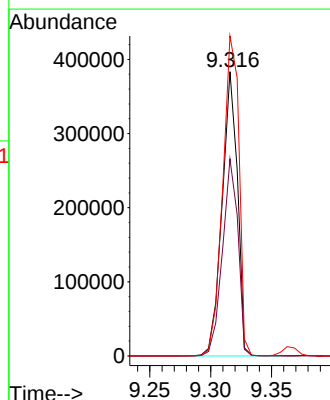
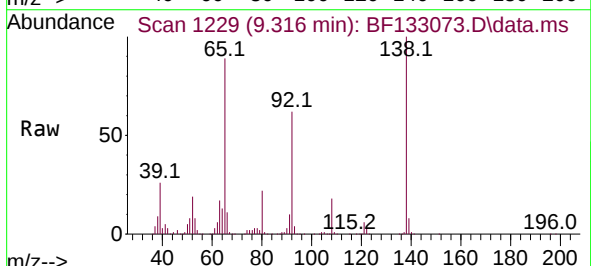
Tgt Ion: 65 Resp: 337068

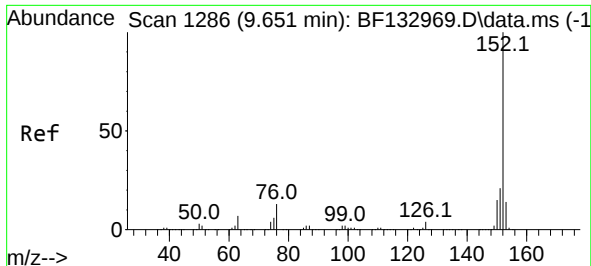
Ion Ratio Lower Upper

65 100

92 69.3 55.4 83.0

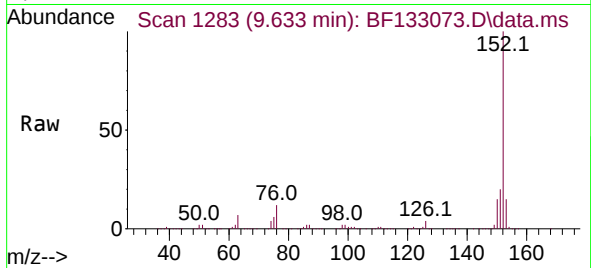
138 112.5 98.2 147.2





#49
Acenaphthylene
Concen: 46.032 ng
RT: 9.633 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

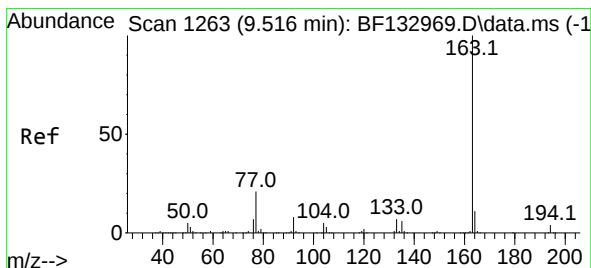
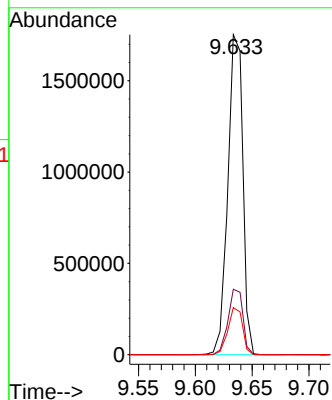
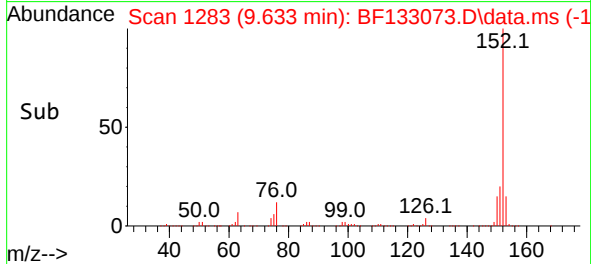
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS



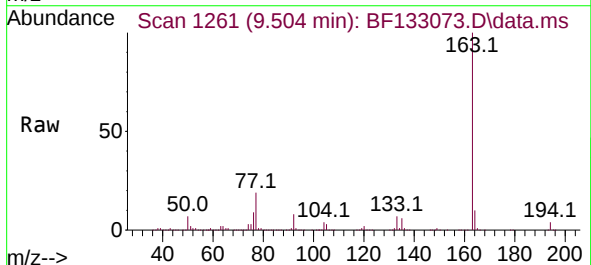
Tgt Ion:152 Resp: 1612698
Ion Ratio Lower Upper
152 100
151 20.5 16.6 24.8
153 14.7 11.5 17.3

Manual Integrations
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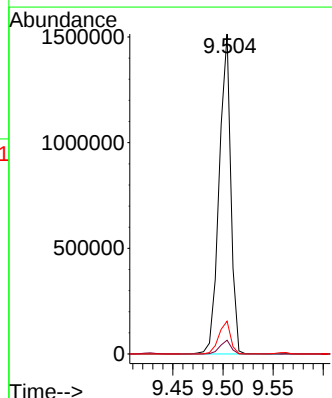
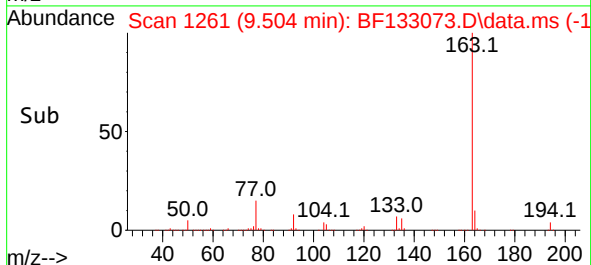
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

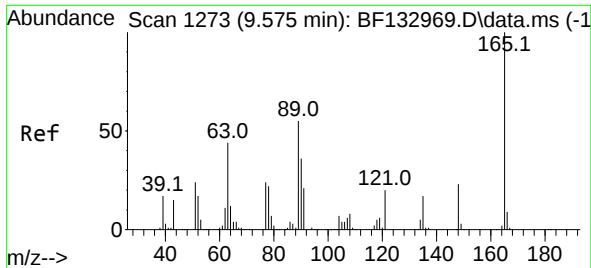


#50
Dimethylphthalate
Concen: 46.177 ng
RT: 9.504 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32



Tgt Ion:163 Resp: 1216370
Ion Ratio Lower Upper
163 100
194 4.3 3.1 4.7
164 10.2 8.5 12.7





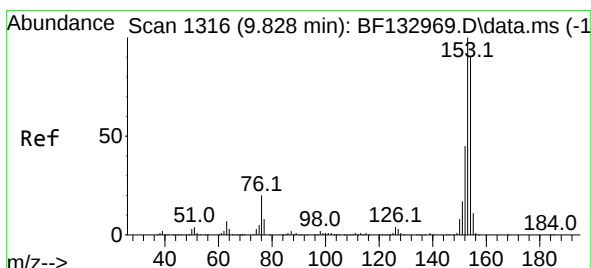
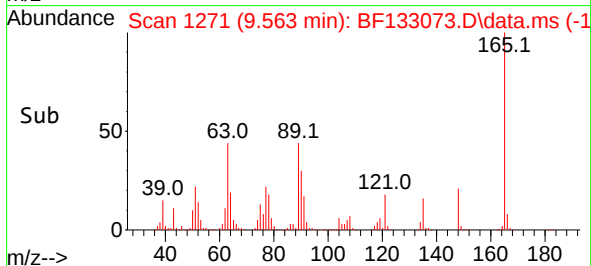
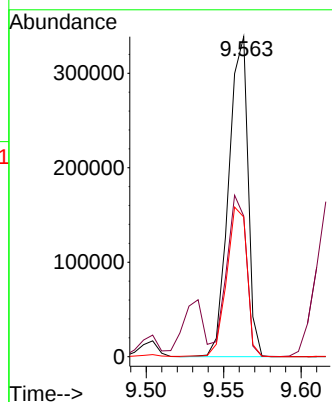
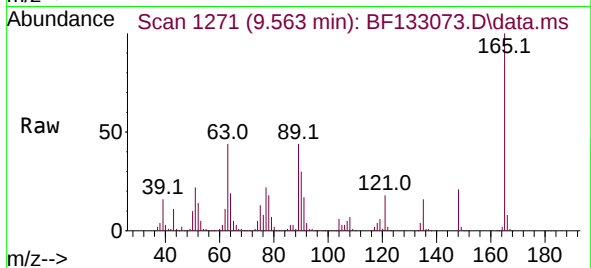
#51
2,6-Dinitrotoluene
Concen: 49.457 ng
RT: 9.563 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS

Tgt Ion:165 Resp: 29322
Ion Ratio Lower Upper
165 100
63 44.0 45.9 68.9
89 43.7 44.0 66.0

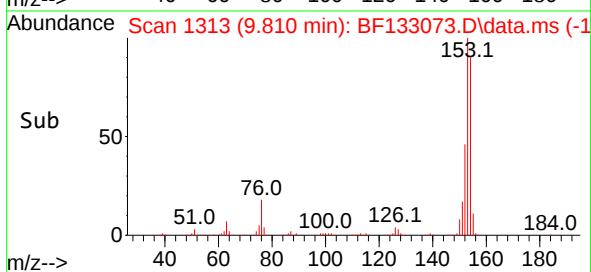
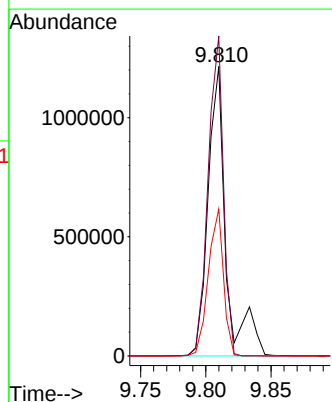
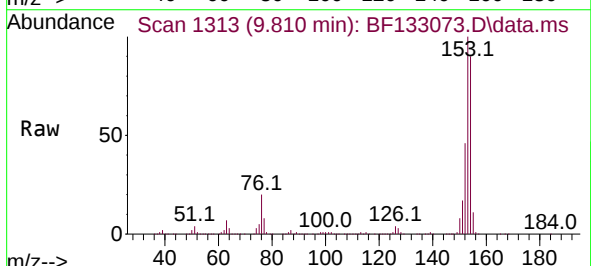
Manual Integrations
APPROVED

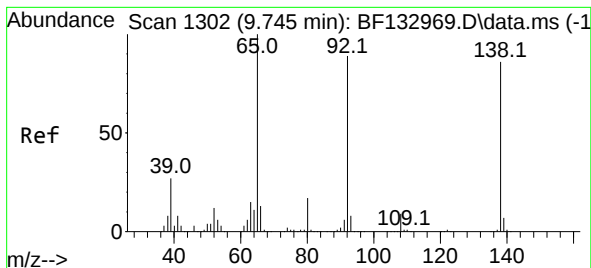
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#52
Acenaphthene
Concen: 49.504 ng m
RT: 9.810 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

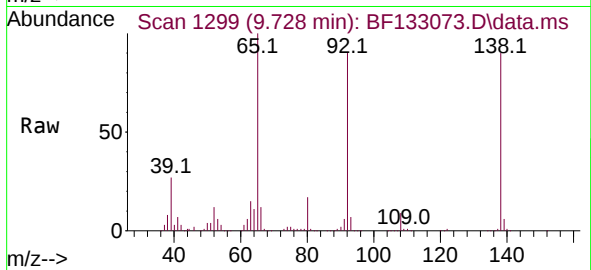
Tgt Ion:154 Resp: 1161581
Ion Ratio Lower Upper
154 100
153 110.6 89.0 133.6
152 50.7 40.4 60.6





#53
3-Nitroaniline
Concen: 29.751 ng
RT: 9.728 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

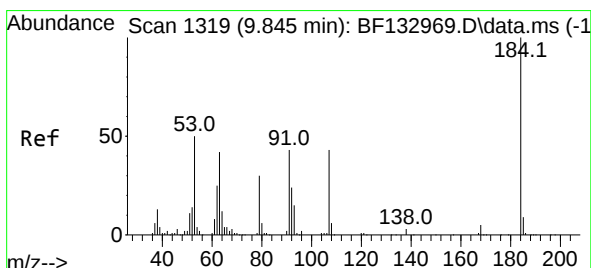
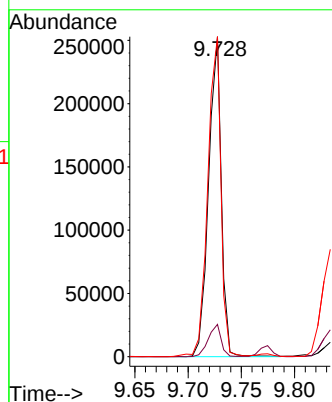
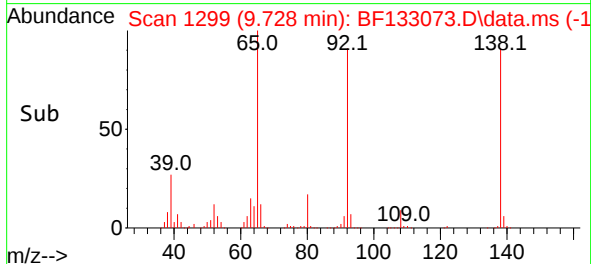
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS



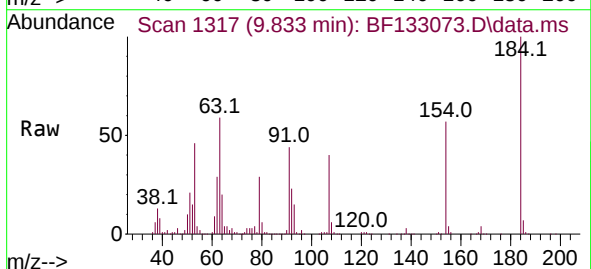
Tgt Ion:138 Resp: 209729
Ion Ratio Lower Upper
138 100
108 10.1 8.0 12.0
92 100.0 83.6 125.4

Manual Integrations
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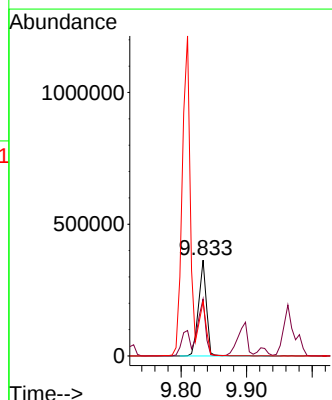
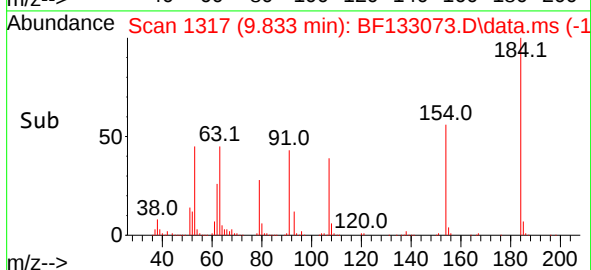
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

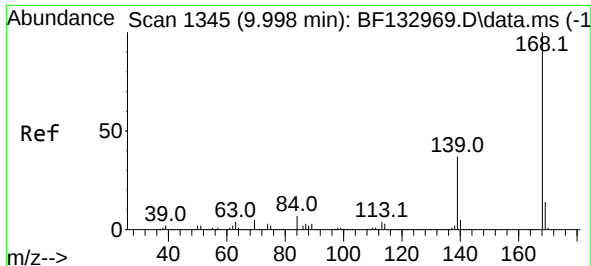


#54
2,4-Dinitrophenol
Concen: 103.351 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32



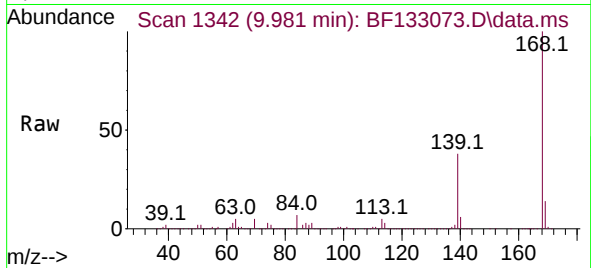
Tgt Ion:184 Resp: 307997
Ion Ratio Lower Upper
184 100
63 59.4 49.8 74.8
154 56.6 49.5 74.3





#55
Dibenzofuran
Concen: 45.835 ng
RT: 9.981 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

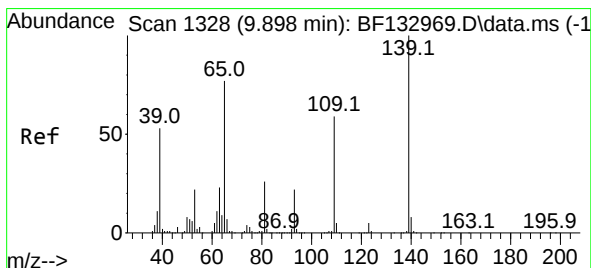
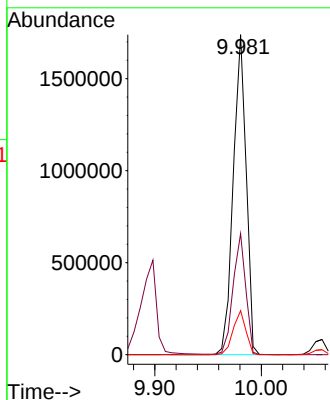
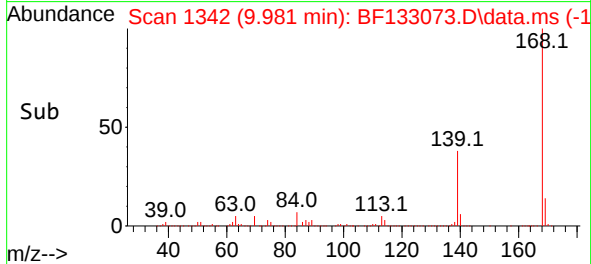
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS



Tgt Ion:168 Resp: 1467058
Ion Ratio Lower Upper
168 100
139 37.9 29.8 44.8
169 13.7 10.8 16.2

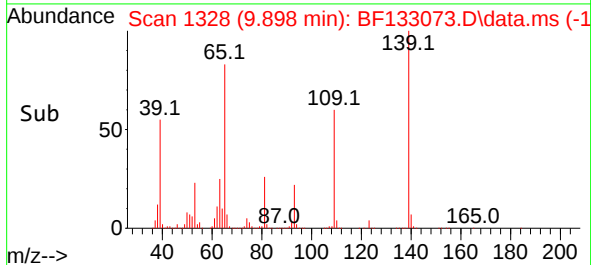
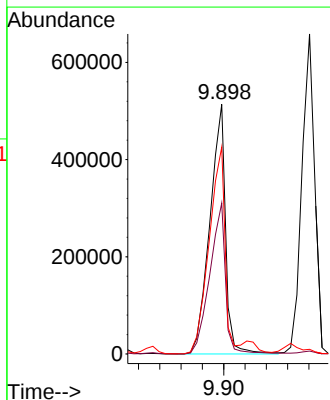
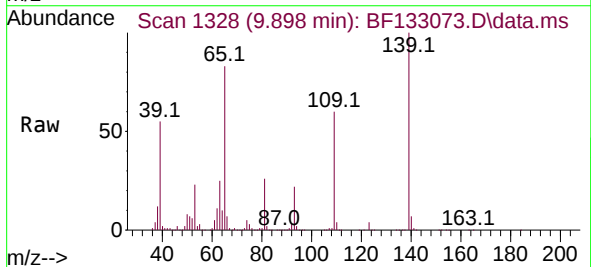
Manual Integrations
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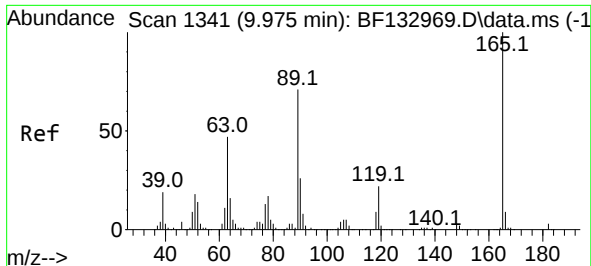
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#56
4-Nitrophenol
Concen: 96.318 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.012 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Tgt Ion:139 Resp: 525895
Ion Ratio Lower Upper
139 100
109 60.5 39.4 79.4
65 82.9 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 50.854 ng

RT: 9.963 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MS

Tgt Ion:165 Resp: 384499

Ion Ratio Lower Upper

165 100

63 43.2 37.7 56.5

89 67.7 57.0 85.4

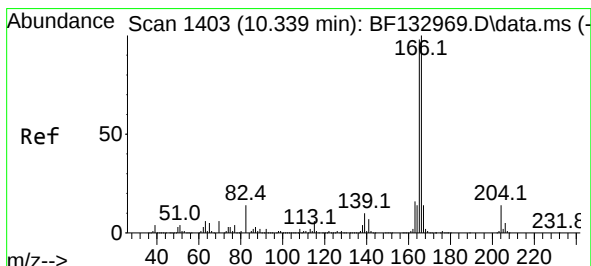
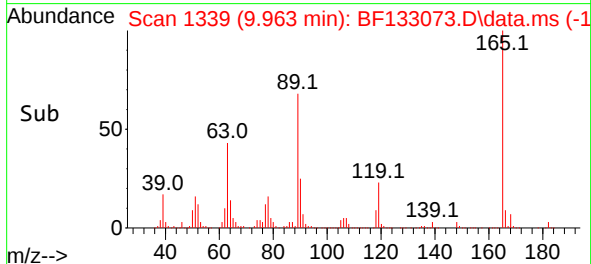
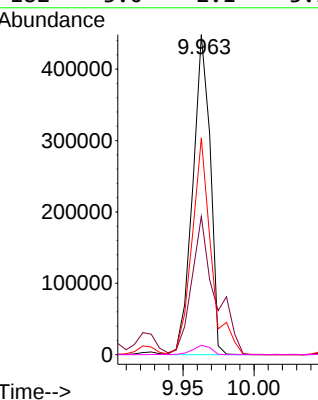
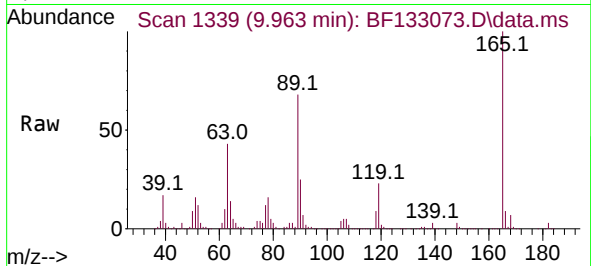
182 3.0 2.1 3.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2023

Supervised By :Jagrut Upadhyay 04/27/2023



#58

Fluorene

Concen: 46.236 ng

RT: 10.322 min Scan# 1400

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

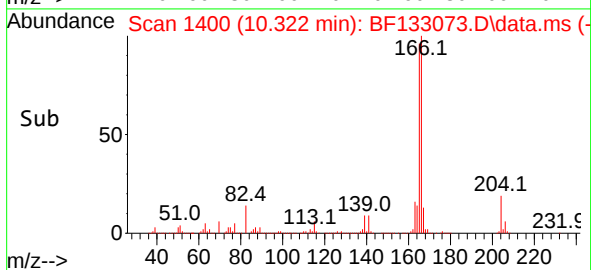
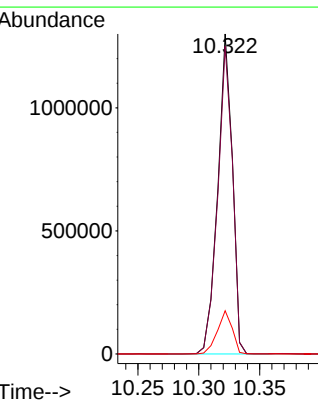
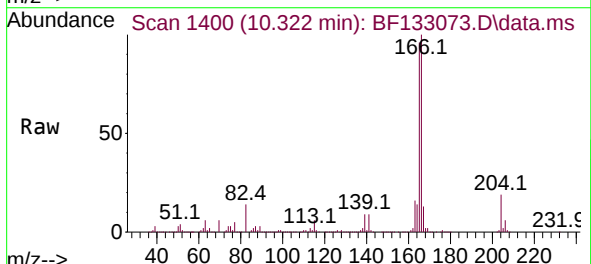
Tgt Ion:166 Resp: 1084238

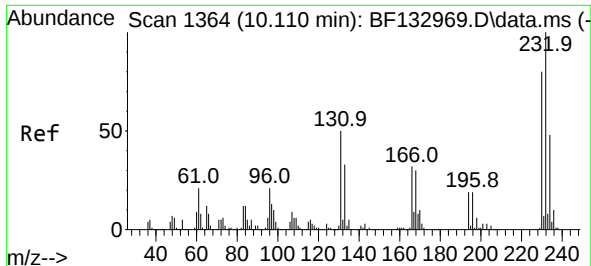
Ion Ratio Lower Upper

166 100

165 96.1 78.6 117.8

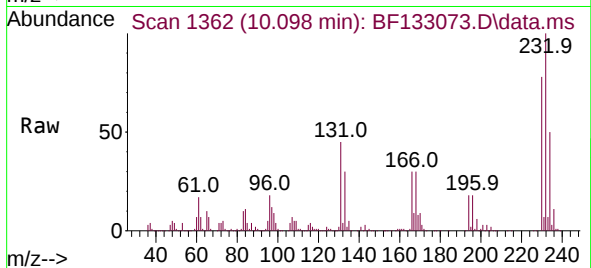
167 13.5 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.759 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

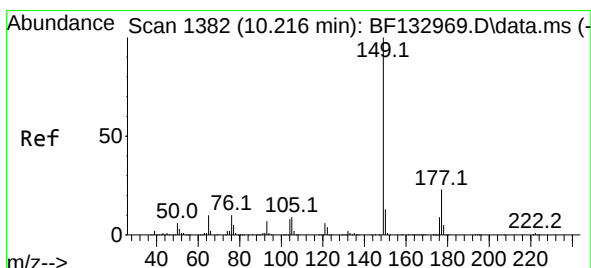
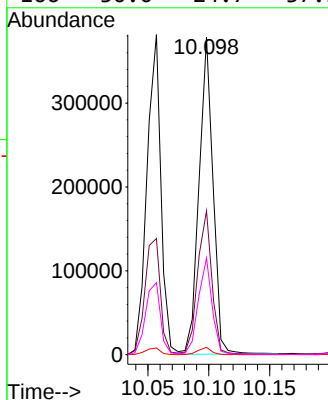
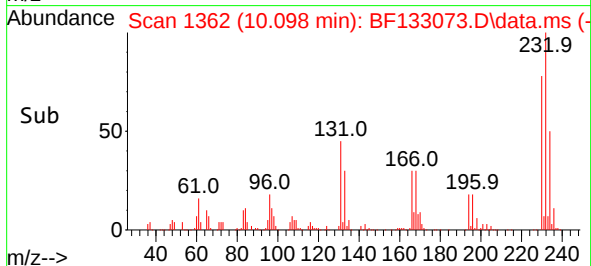
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS



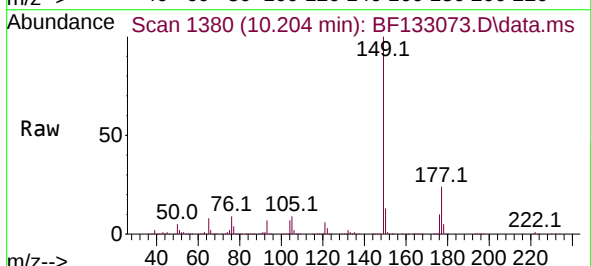
Tgt Ion:232 Resp: 300790
Ion Ratio Lower Upper
232 100
131 46.3 38.0 57.0
130 2.2 1.8 2.8
166 30.0 24.7 37.1

Manual Integrations
APPROVED

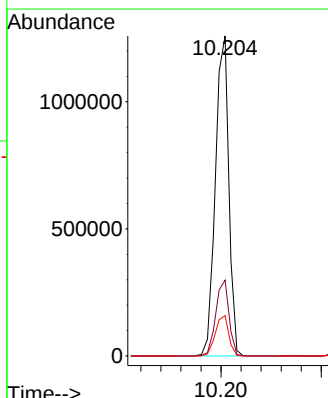
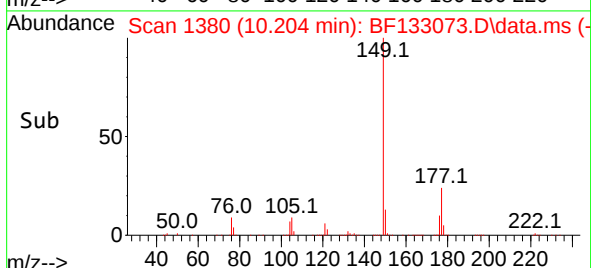
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

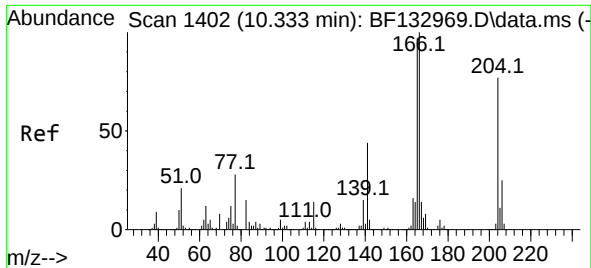


#60
Diethylphthalate
Concen: 46.929 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32



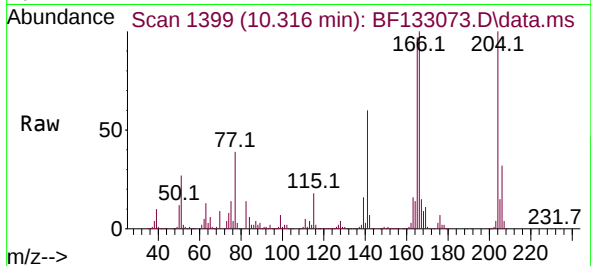
Tgt Ion:149 Resp: 1167649
Ion Ratio Lower Upper
149 100
177 23.7 18.2 27.4
150 12.6 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 45.542 ng
RT: 10.316 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

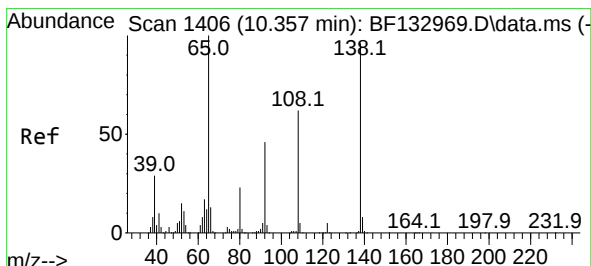
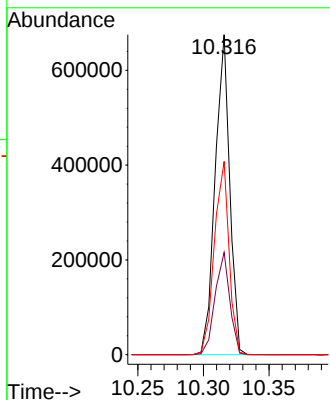
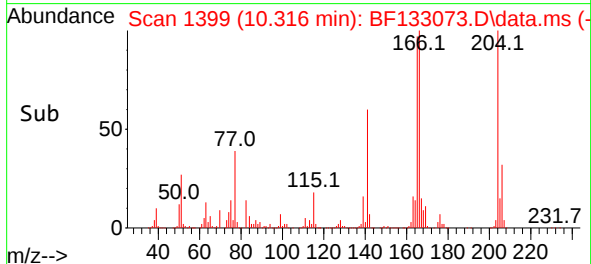
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS



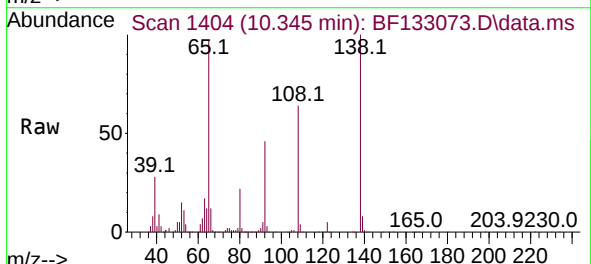
Tgt Ion:204 Resp: 520438
Ion Ratio Lower Upper
204 100
206 32.0 26.1 39.1
141 60.4 46.1 69.1

Manual Integrations
APPROVED

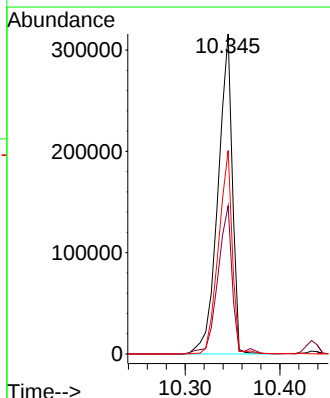
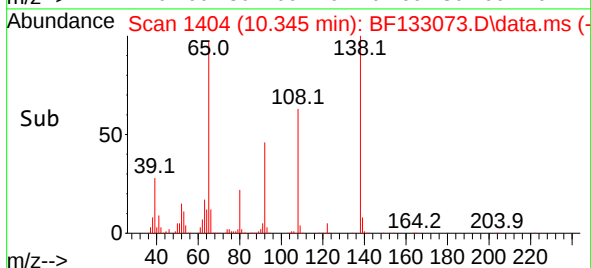
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

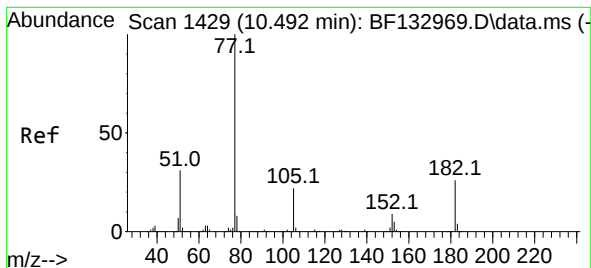


#62
4-Nitroaniline
Concen: 51.391 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32



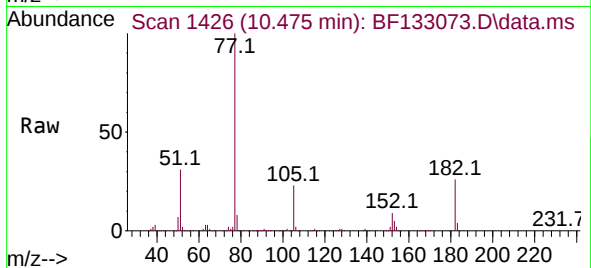
Tgt Ion:138 Resp: 332972
Ion Ratio Lower Upper
138 100
92 46.3 27.7 67.7
108 63.6 45.2 85.2





#63
Azobenzene
Concen: 45.308 ng
RT: 10.475 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

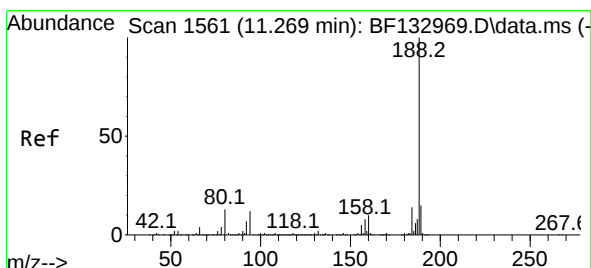
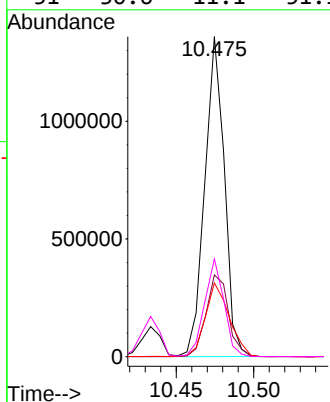
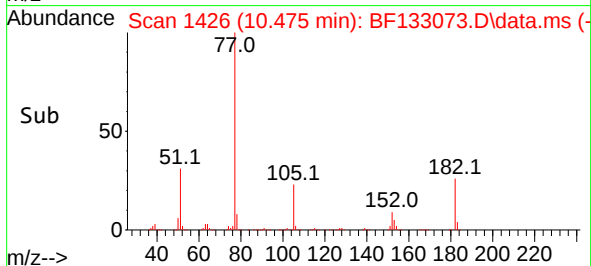
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS



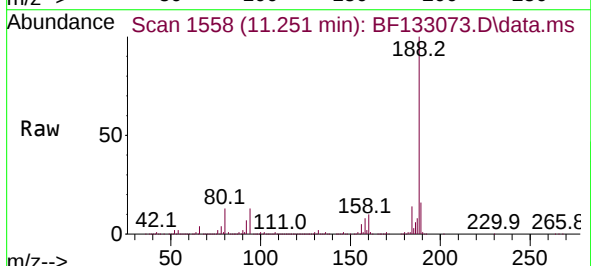
Tgt Ion: 77 Resp: 1194209
Ion Ratio Lower Upper
77 100
182 25.6 5.9 45.9
105 23.1 2.3 42.3
51 30.6 11.1 51.1

Manual Integrations
APPROVED

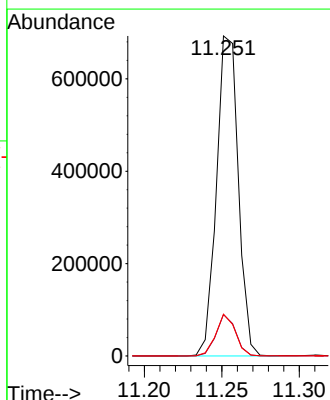
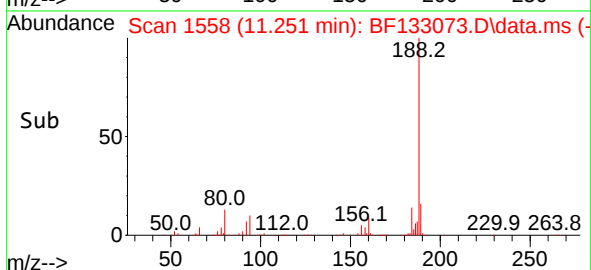
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

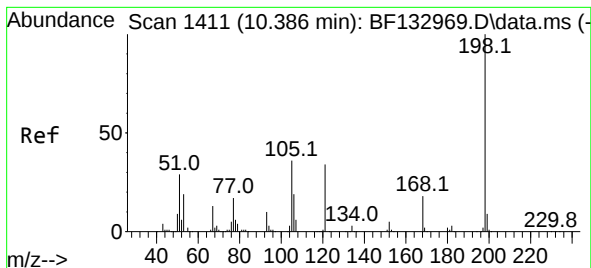


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1558
Delta R.T. -0.006 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32



Tgt Ion:188 Resp: 679026
Ion Ratio Lower Upper
188 100
94 13.0 9.7 14.5
80 13.0 10.4 15.6





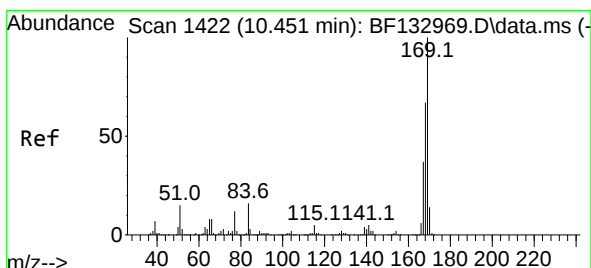
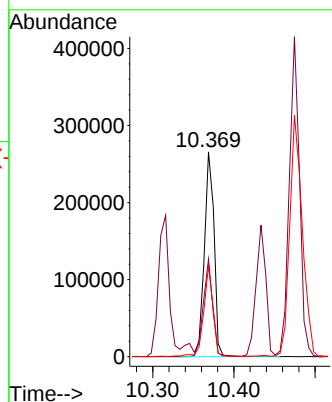
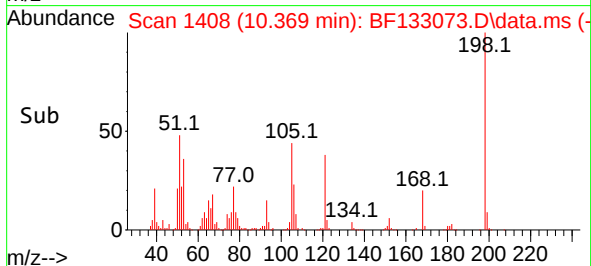
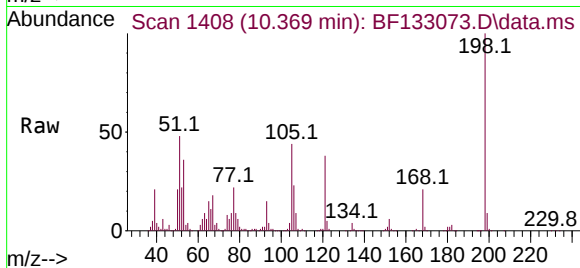
#65
4,6-Dinitro-2-methylphenol
Concen: 53.551 ng
RT: 10.369 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS

Tgt Ion:198 Resp: 220400
Ion Ratio Lower Upper
198 100
51 47.7 15.5 55.5
105 44.4 16.7 56.7

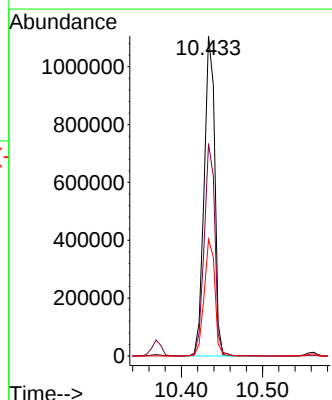
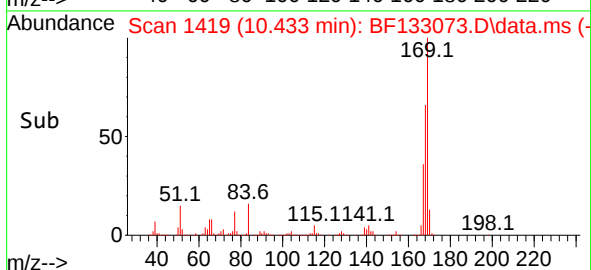
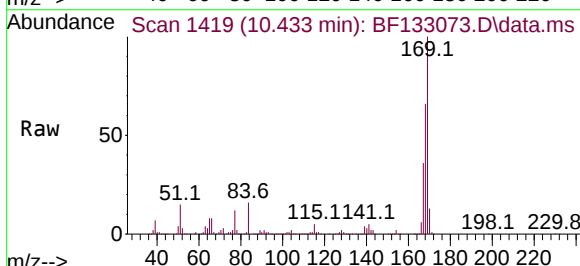
Manual Integrations
APPROVED

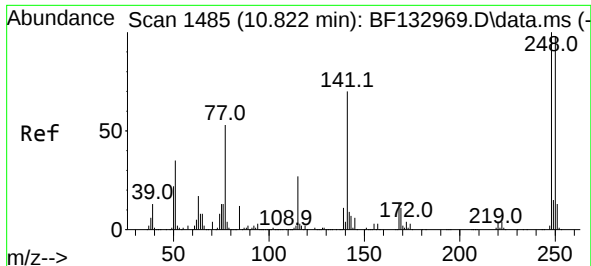
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#66
n-Nitrosodiphenylamine
Concen: 45.323 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

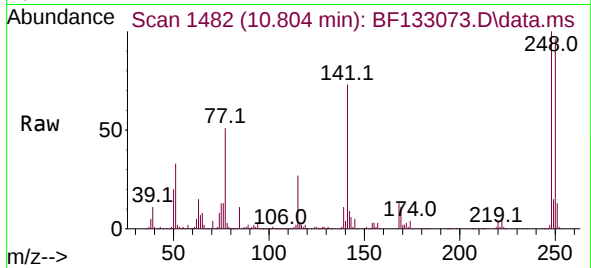
Tgt Ion:169 Resp: 998282
Ion Ratio Lower Upper
169 100
168 66.3 53.8 80.8
167 36.4 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 46.315 ng
RT: 10.804 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

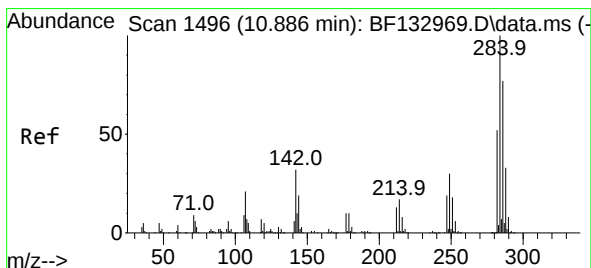
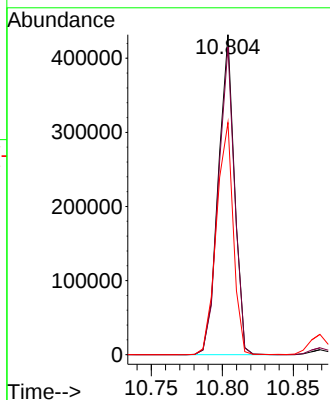
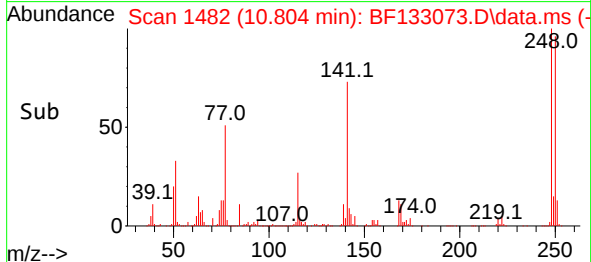
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS



Tgt Ion:248 Resp: 34108
Ion Ratio Lower Upper
248 100
250 96.1 78.7 118.1
141 72.6 56.3 84.5

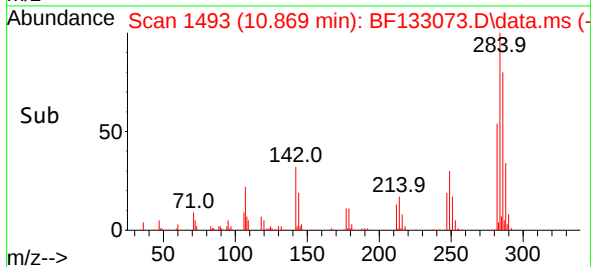
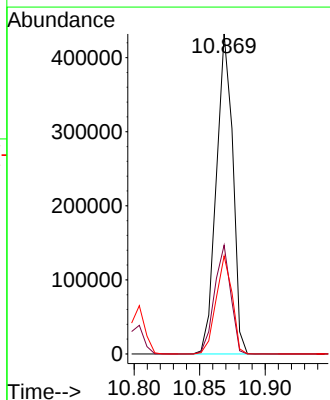
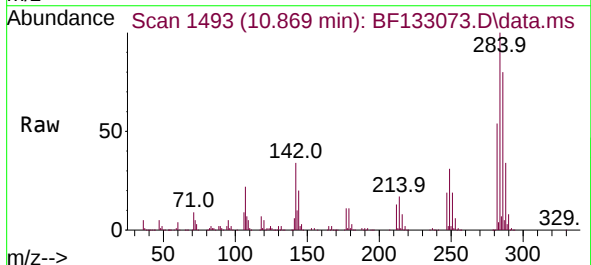
Manual Integrations
APPROVED

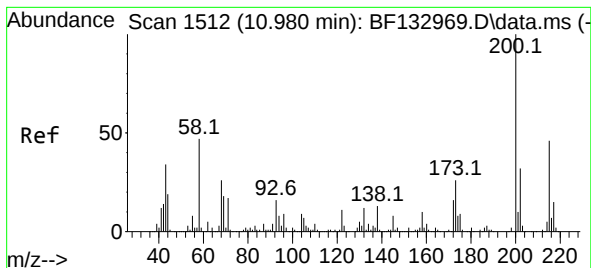
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#68
Hexachlorobenzene
Concen: 49.780 ng
RT: 10.869 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Tgt Ion:284 Resp: 375654
Ion Ratio Lower Upper
284 100
142 34.0 26.0 39.0
249 30.7 23.7 35.5





#69

Atrazine

Concen: 55.131 ng

RT: 10.963 min Scan# 1509

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MS

Tgt Ion:200 Resp: 34989

Ion Ratio Lower Upper

200 100

173 27.1 6.2 46.2

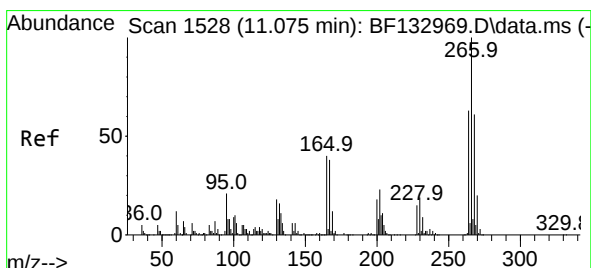
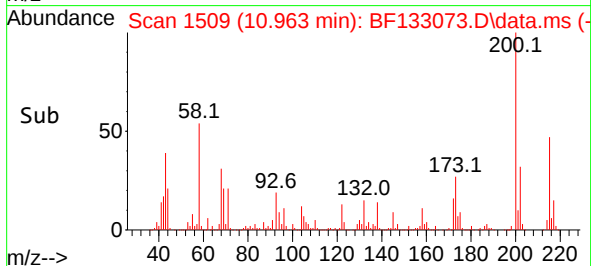
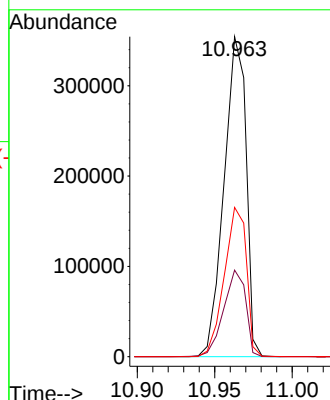
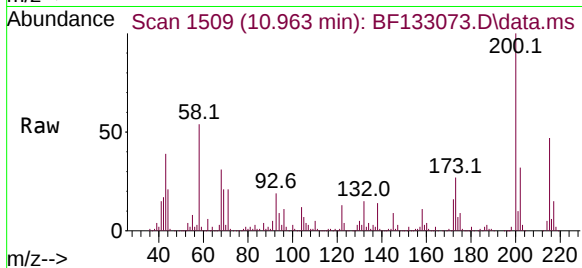
215 46.7 26.3 66.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2023

Supervised By :Jagrut Upadhyay 04/27/2023



#70

Pentachlorophenol

Concen: 78.455 ng

RT: 11.063 min Scan# 1526

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

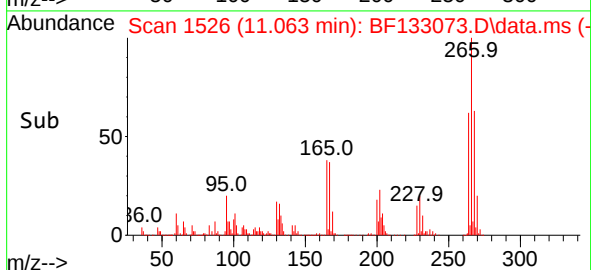
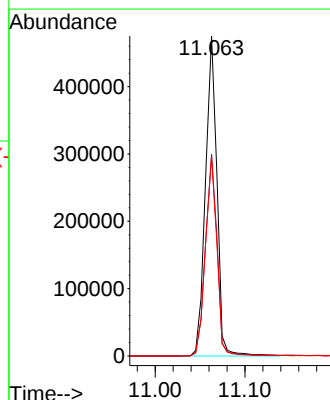
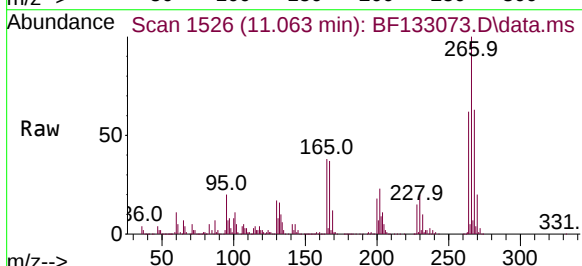
Tgt Ion:266 Resp: 421649

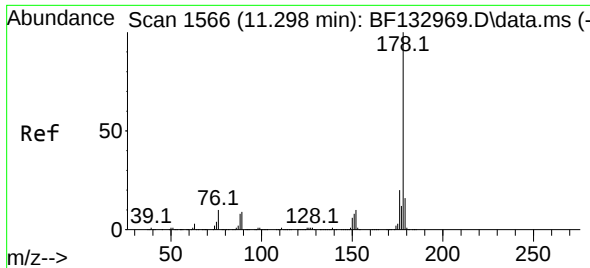
Ion Ratio Lower Upper

266 100

268 63.1 48.8 73.2

264 62.4 50.6 76.0





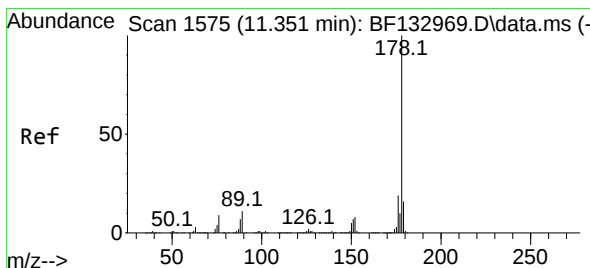
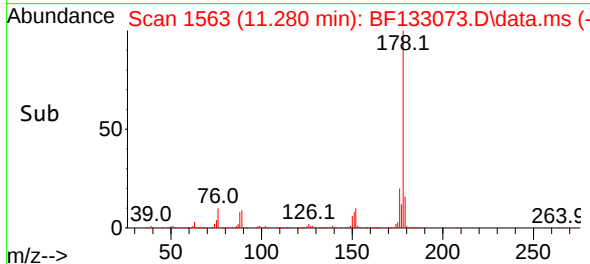
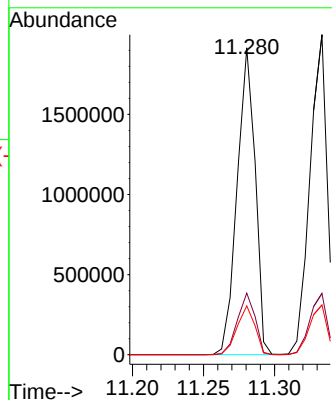
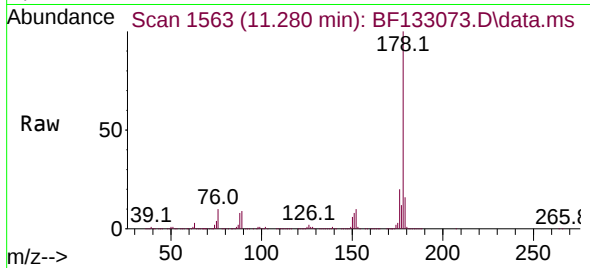
#71
Phenanthrene
Concen: 46.447 ng
RT: 11.280 min Scan# 1563
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS

Tgt Ion:178 Resp: 169512
Ion Ratio Lower Upper
178 100
176 20.1 15.9 23.9
179 15.9 12.5 18.7

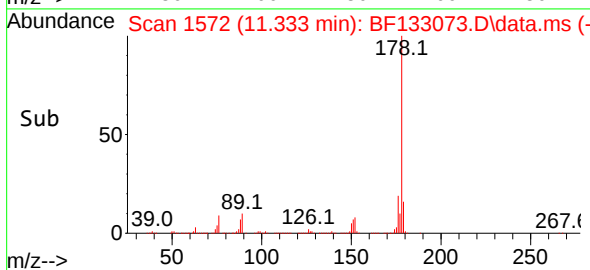
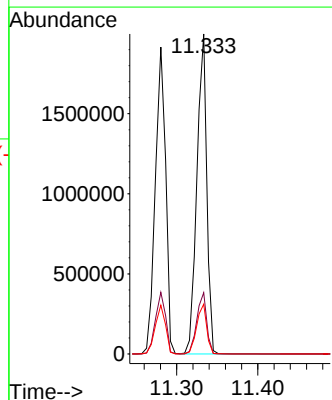
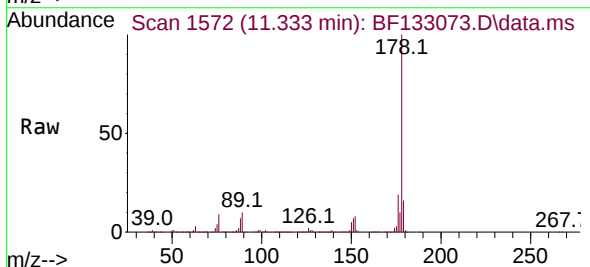
Manual Integrations
APPROVED

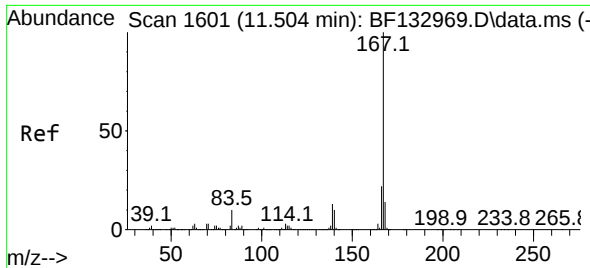
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#72
Anthracene
Concen: 45.631 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

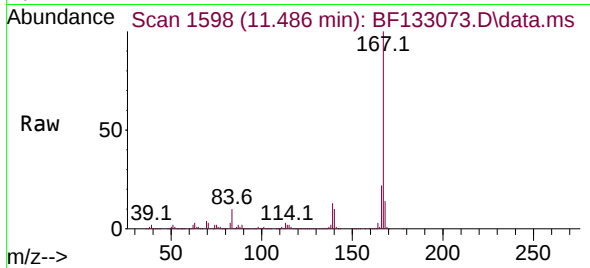
Tgt Ion:178 Resp: 1704284
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.6 12.4 18.6





#73
 Carbazole
 Concen: 47.334 ng
 RT: 11.486 min Scan# 1598
 Delta R.T. 0.000 min
 Lab File: BF133073.D
 Acq: 26 Apr 2023 19:32

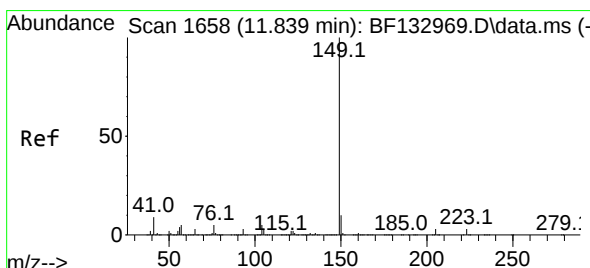
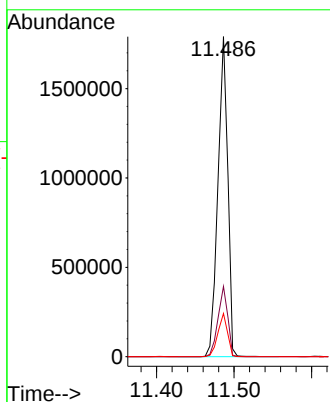
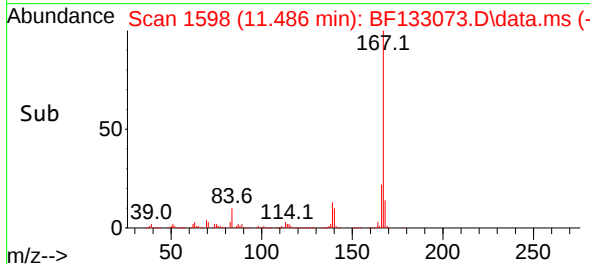
Instrument :
 BNA_F
 ClientSampleId :
 S2S-TP3MS



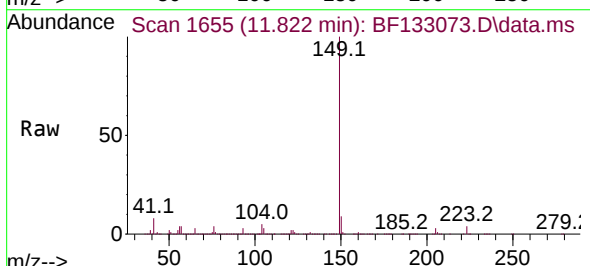
Tgt Ion:167 Resp: 1574180
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 13.5 10.6 16.0

Manual Integrations
 APPROVED

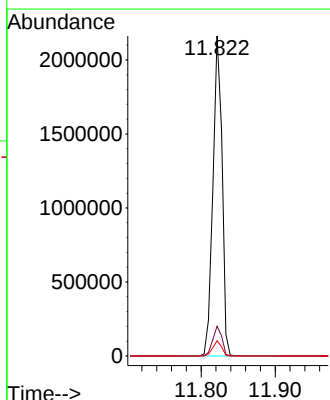
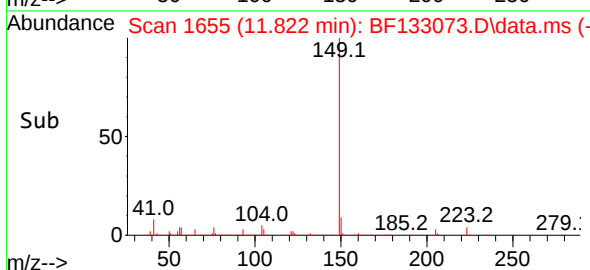
Reviewed By :Christian Giraldo 04/27/2023
 Supervised By :Jagrut Upadhyay 04/27/2023

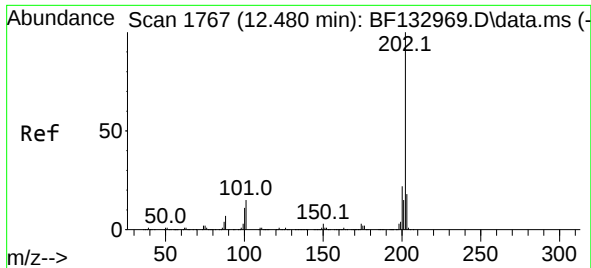


#74
 Di-n-butylphthalate
 Concen: 48.916 ng
 RT: 11.822 min Scan# 1655
 Delta R.T. 0.000 min
 Lab File: BF133073.D
 Acq: 26 Apr 2023 19:32



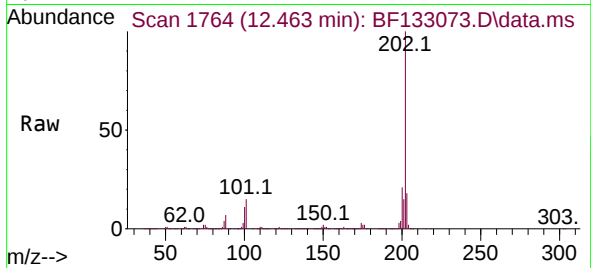
Tgt Ion:149 Resp: 1840986
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.6 11.4
 104 4.8 4.0 6.0





#75
Fluoranthene
Concen: 46.996 ng
RT: 12.463 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

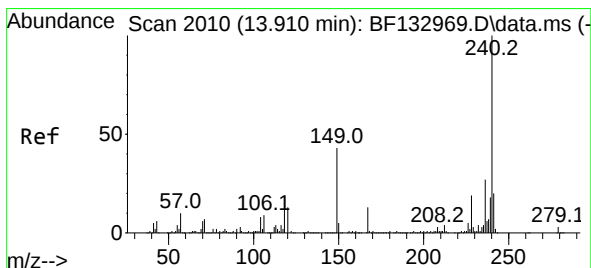
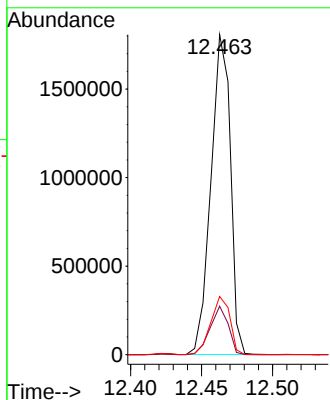
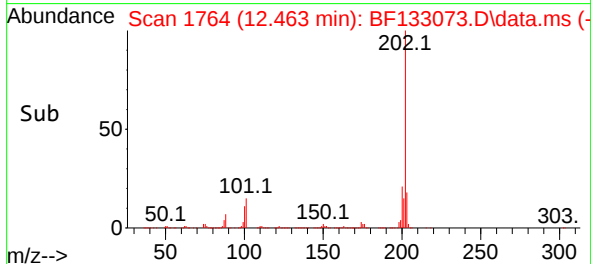
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS



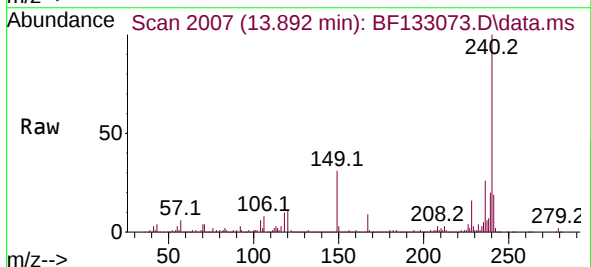
Tgt Ion:202 Resp: 1721360
Ion Ratio Lower Upper
202 100
101 15.2 0.0 35.3
203 18.2 0.0 38.1

Manual Integrations
APPROVED

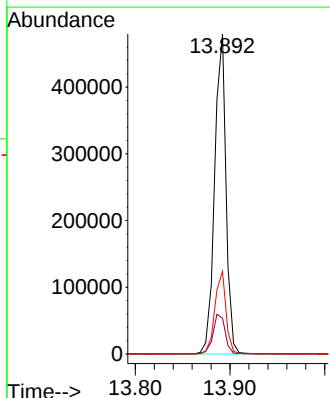
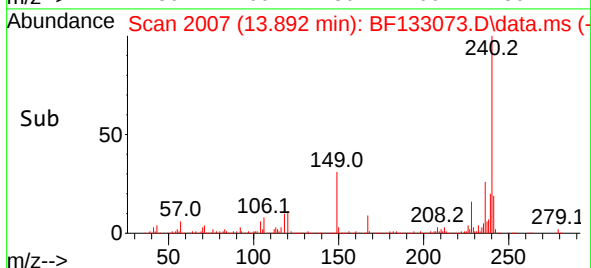
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

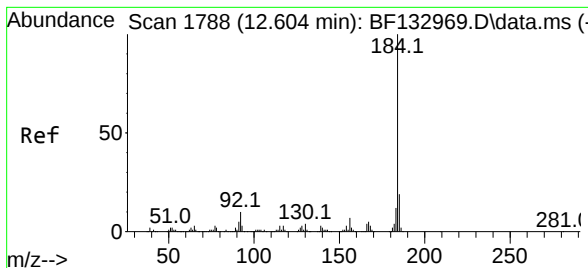


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.892 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32



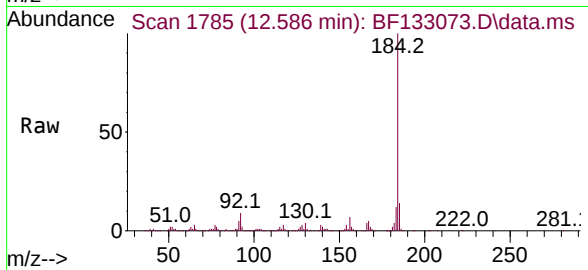
Tgt Ion:240 Resp: 401249
Ion Ratio Lower Upper
240 100
120 11.2 10.5 15.7
236 25.9 21.5 32.3





#77
Benzidine
Concen: 114.817 ng
RT: 12.586 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

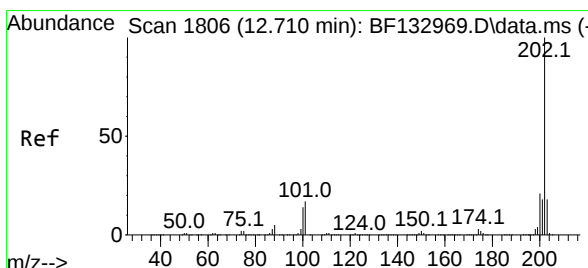
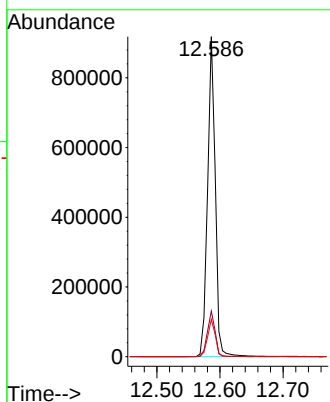
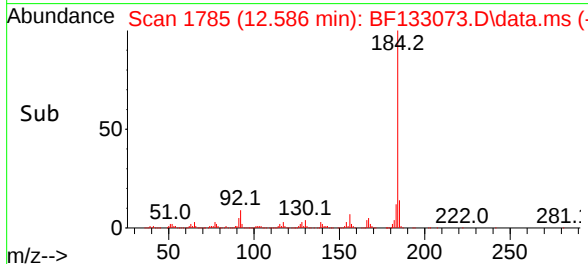
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS



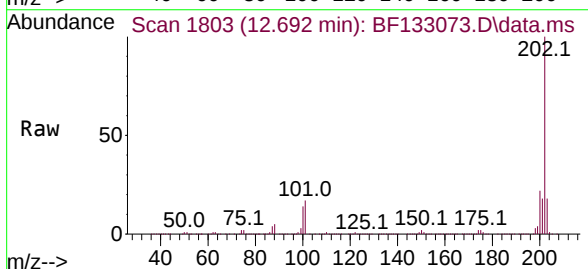
Tgt Ion:184 Resp: 779072
Ion Ratio Lower Upper
184 100
185 14.3 15.4 23.2
183 11.7 9.4 14.0

Manual Integrations
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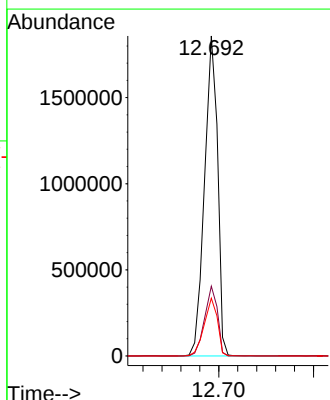
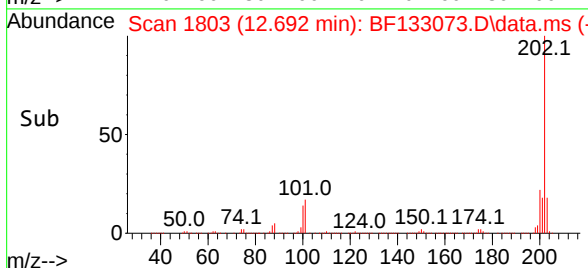
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

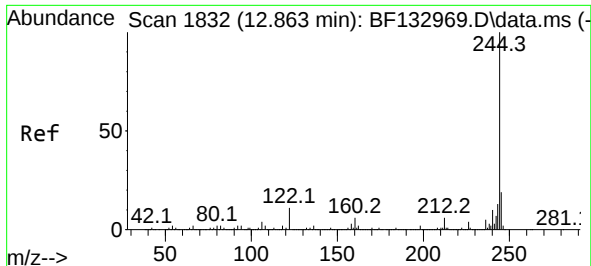


#78
Pyrene
Concen: 51.561 ng
RT: 12.692 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32



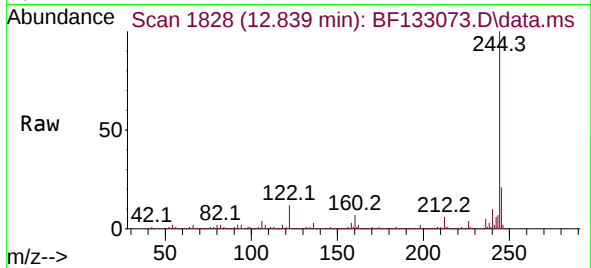
Tgt Ion:202 Resp: 1773506
Ion Ratio Lower Upper
202 100
200 21.8 17.1 25.7
203 18.0 14.1 21.1





#79
 Terphenyl-d14
 Concen: 79.906 ng
 RT: 12.839 min Scan# 1832
 Delta R.T. 0.000 min
 Lab File: BF133073.D
 Acq: 26 Apr 2023 19:32

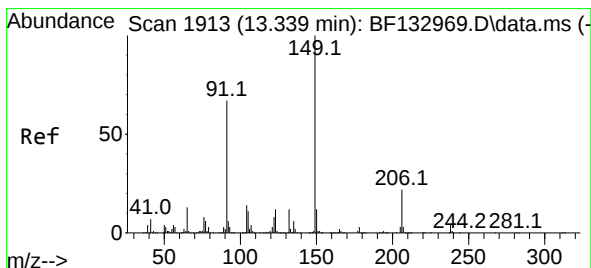
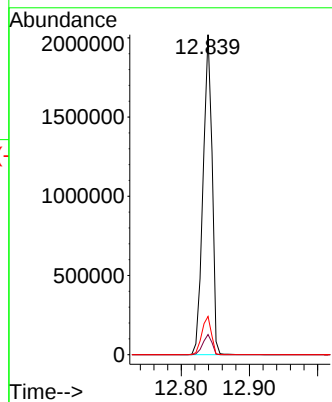
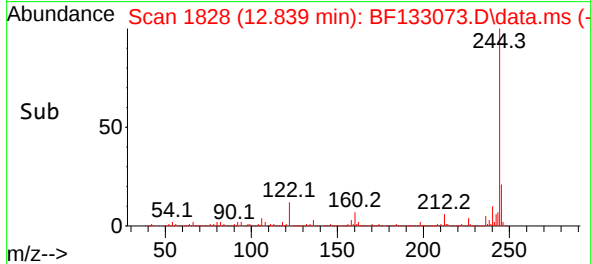
Instrument :
 BNA_F
 ClientSampleId :
 S2S-TP3MS



Tgt Ion:244 Resp: 1859039
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.1 7.7
 122 12.0 8.6 13.0

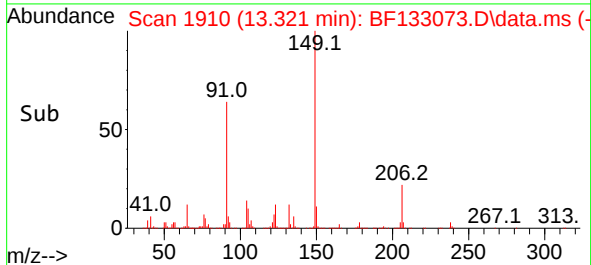
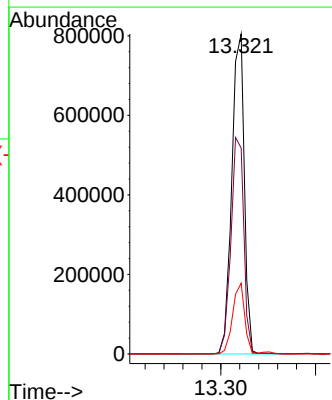
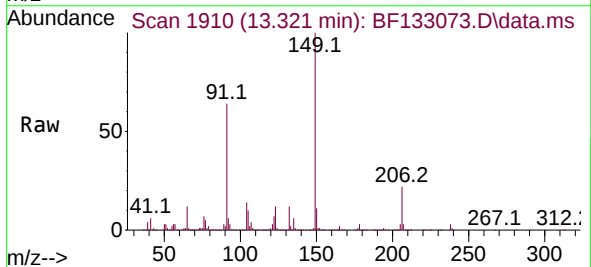
Manual Integrations
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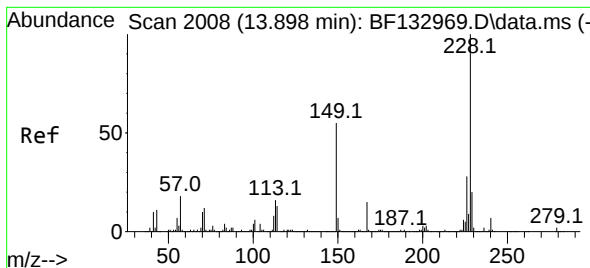
Reviewed By :Christian Giraldo 04/27/2023
 Supervised By :Jagrut Upadhyay 04/27/2023



#80
 Butylbenzylphthalate
 Concen: 60.952 ng
 RT: 13.321 min Scan# 1910
 Delta R.T. 0.006 min
 Lab File: BF133073.D
 Acq: 26 Apr 2023 19:32

Tgt Ion:149 Resp: 742327
 Ion Ratio Lower Upper
 149 100
 91 64.4 53.8 80.6
 206 22.1 17.5 26.3





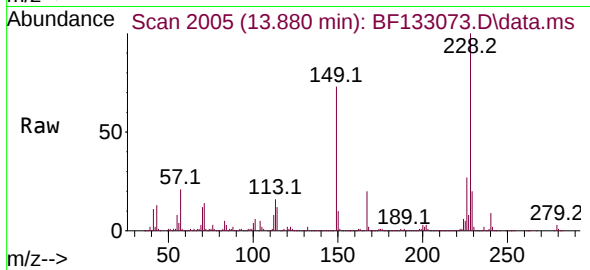
#81
Benzo(a)anthracene
Concen: 47.021 ng
RT: 13.880 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MS

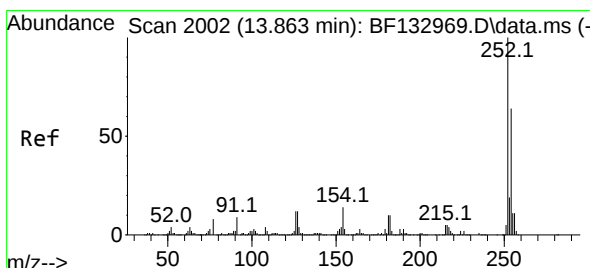
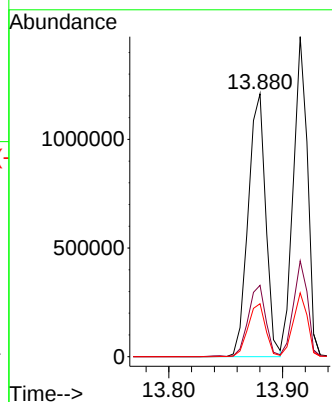
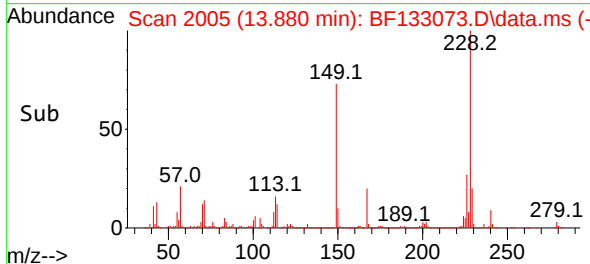


Tgt Ion:228 Resp: 129742
Ion Ratio Lower Upper
228 100
226 27.1 22.2 33.4
229 20.2 16.0 24.0

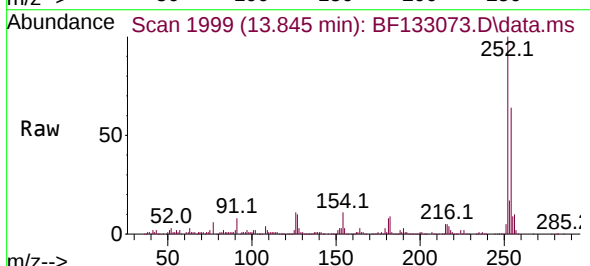
Manual Integrations

APPROVED

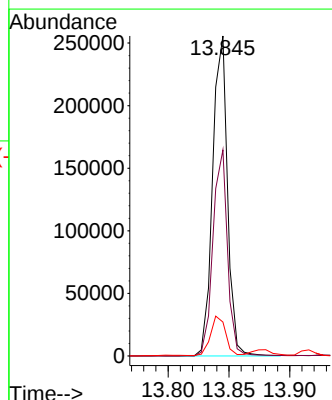
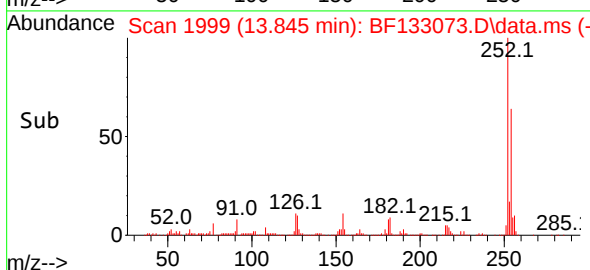
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

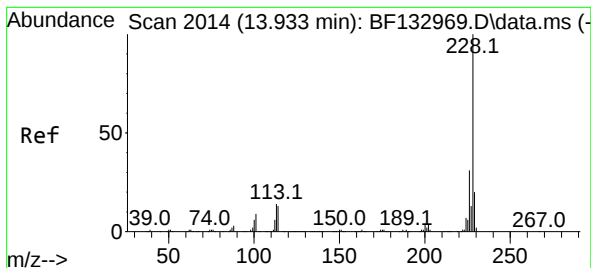


#82
3,3'-Dichlorobenzidine
Concen: 28.544 ng
RT: 13.845 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32



Tgt Ion:252 Resp: 217573
Ion Ratio Lower Upper
252 100
254 64.4 51.5 77.3
126 10.6 9.5 14.3





#83

Chrysene

Concen: 46.137 ng

RT: 13.916 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MS

Tgt Ion:228 Resp: 1272720

Ion Ratio Lower Upper

228 100

226 30.0 24.7 37.1

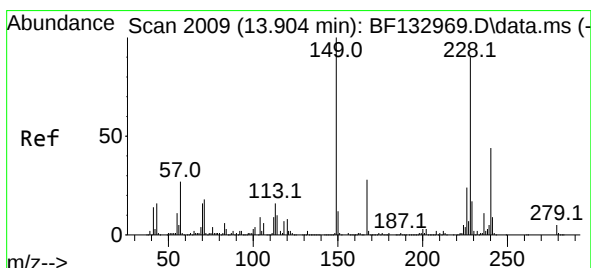
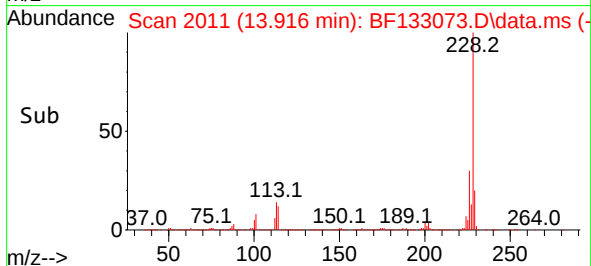
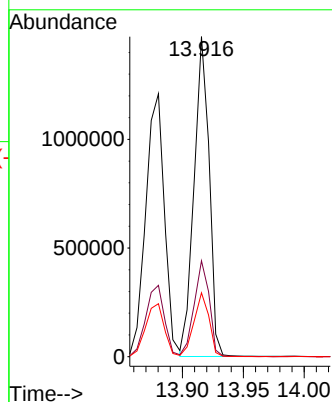
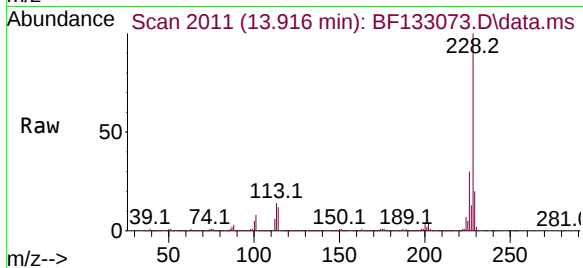
229 19.9 16.1 24.1

Manual Integrations

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Reviewed By :Christian Giraldo 04/27/2023

Supervised By :Jagrut Upadhyay 04/27/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.755 ng

RT: 13.880 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

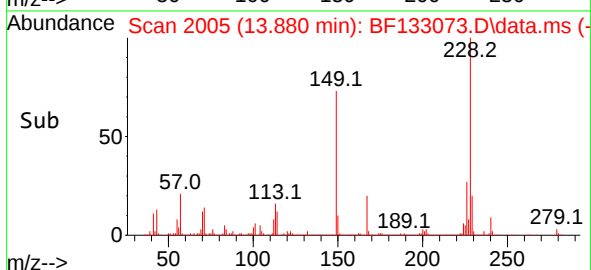
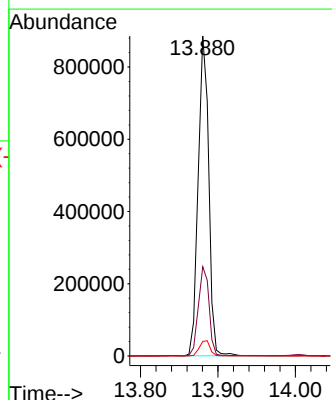
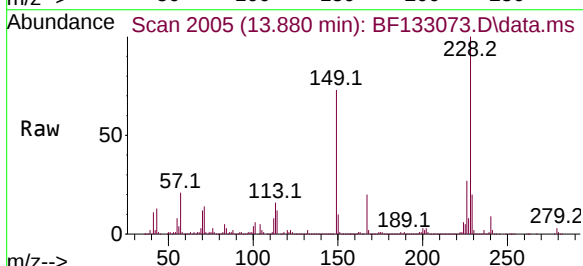
Tgt Ion:149 Resp: 837017

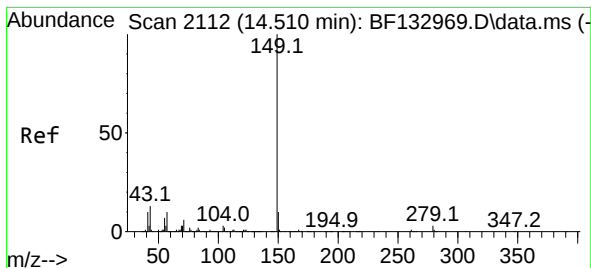
Ion Ratio Lower Upper

149 100

167 27.9 22.5 33.7

279 4.5 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 54.392 ng

RT: 14.492 min Scan# 2112

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MS

Tgt Ion:149 Resp: 135576

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

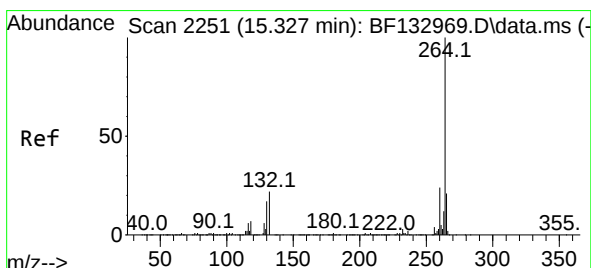
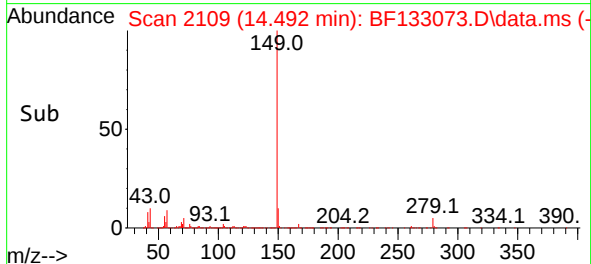
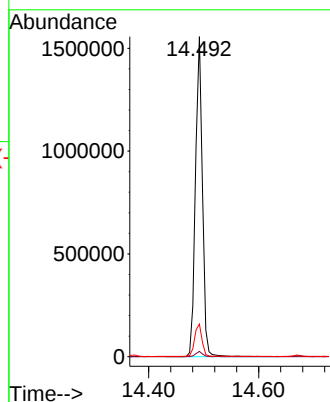
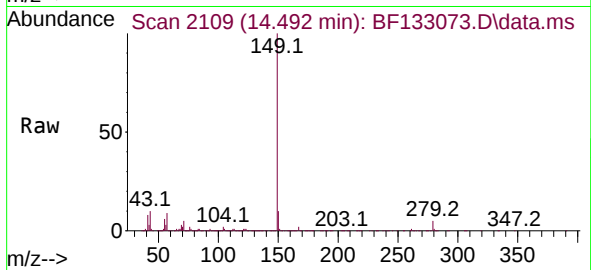
43 10.8 9.5 14.3

Manual Integrations

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Reviewed By :Christian Giraldo 04/27/2023

Supervised By :Jagrut Upadhyay 04/27/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.304 min Scan# 2247

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

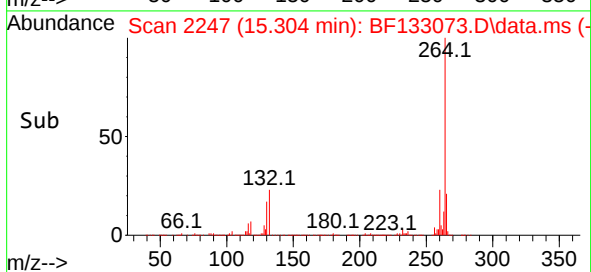
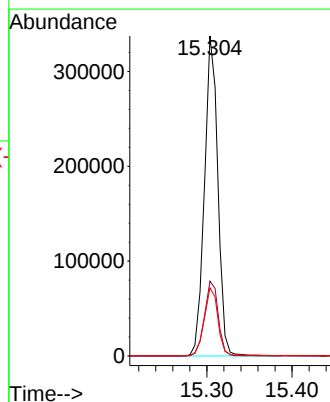
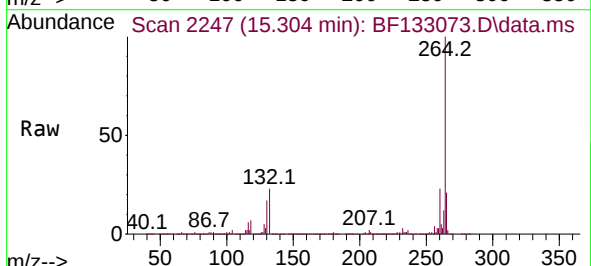
Tgt Ion:264 Resp: 368217

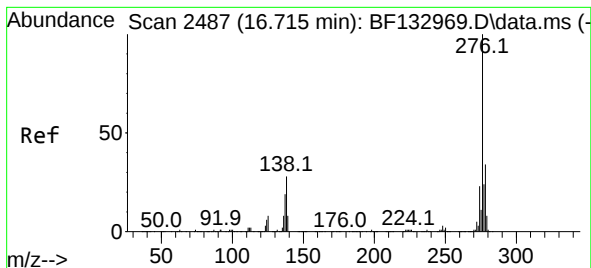
Ion Ratio Lower Upper

264 100

260 23.3 18.8 28.2

265 21.3 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 66.096 ng

RT: 16.692 min Scan# 2487

Delta R.T. 0.006 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MS

Tgt Ion:276 Resp: 138438

Ion Ratio Lower Upper

276 100

138 31.4 25.5 38.3

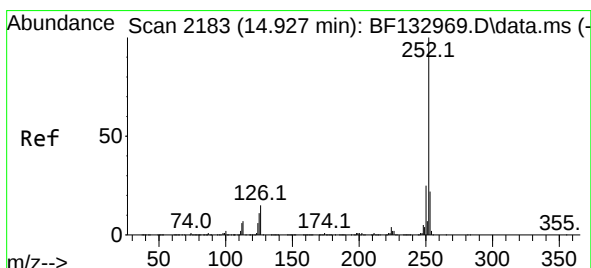
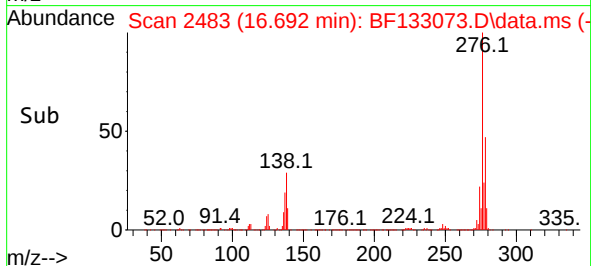
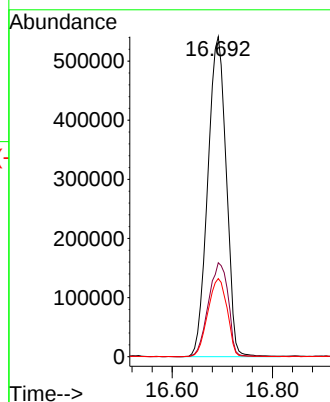
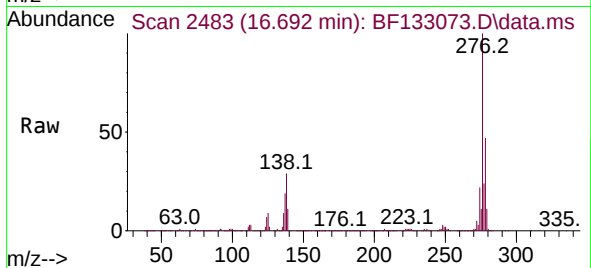
277 25.5 20.4 30.6

Manual Integrations

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Reviewed By :Christian Giraldo 04/27/2023

Supervised By :Jagrut Upadhyay 04/27/2023



#88

Benzo(b)fluoranthene

Concen: 46.978 ng

RT: 14.904 min Scan# 2179

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

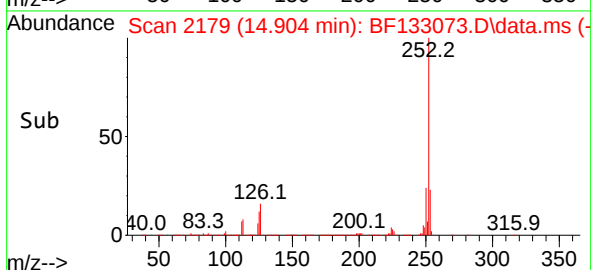
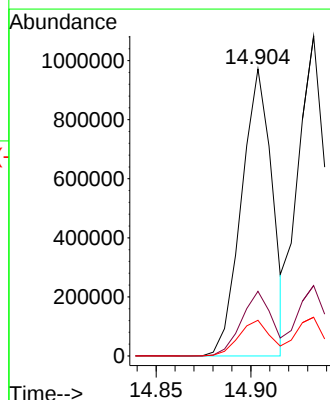
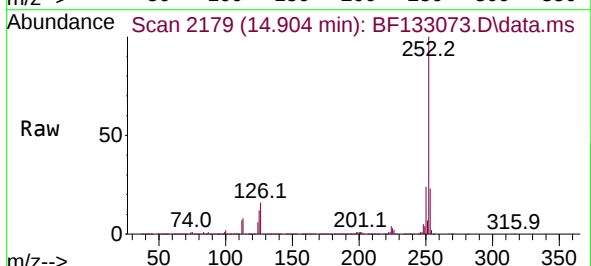
Tgt Ion:252 Resp: 1100482

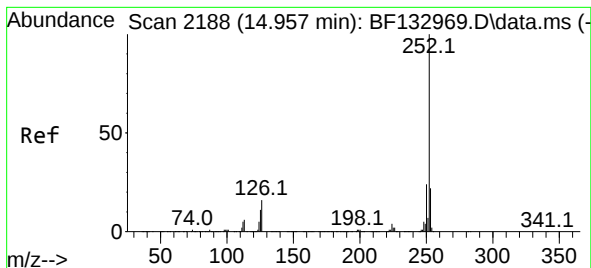
Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 12.5 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 45.928 ng

RT: 14.933 min Scan# 2188

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

Instrument :

BNA_F

ClientSampleId :

S2S-TP3MS

Tgt Ion:252 Resp: 1066508

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

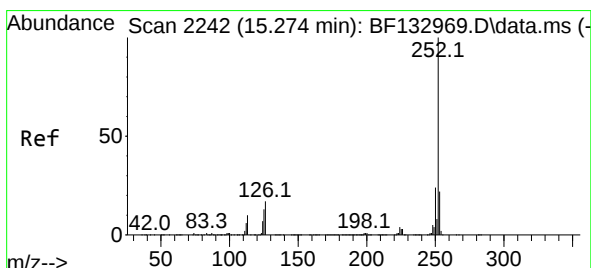
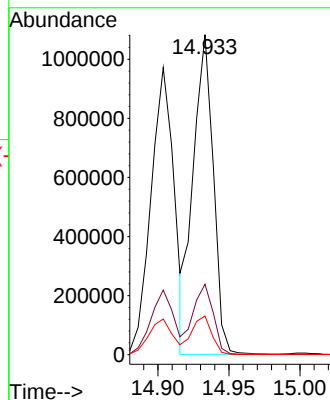
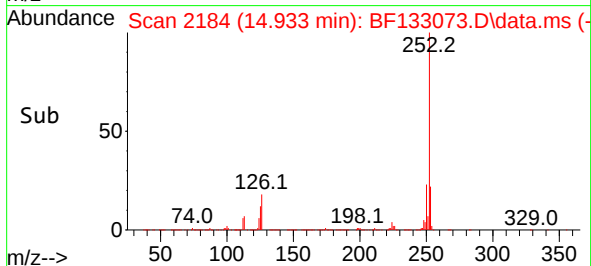
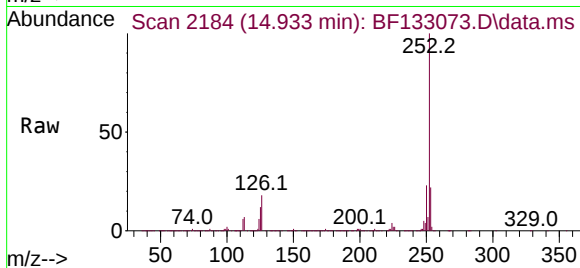
125 12.1 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2023

Supervised By :Jagrut Upadhyay 04/27/2023



#90

Benzo(a)pyrene

Concen: 45.503 ng

RT: 15.251 min Scan# 2238

Delta R.T. 0.000 min

Lab File: BF133073.D

Acq: 26 Apr 2023 19:32

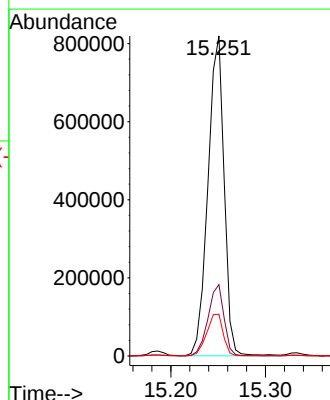
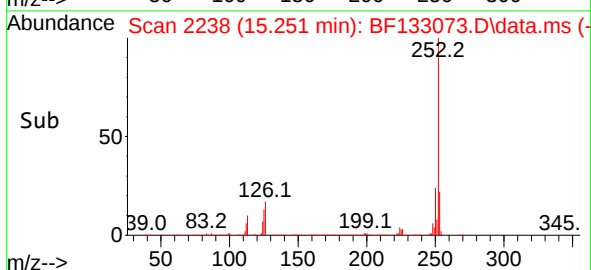
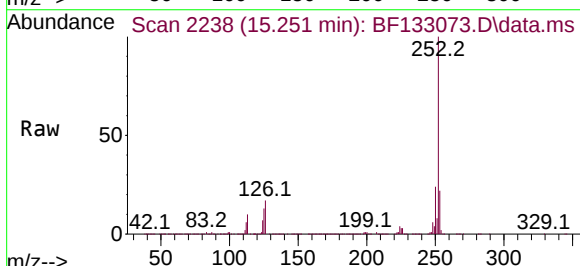
Tgt Ion:252 Resp: 970215

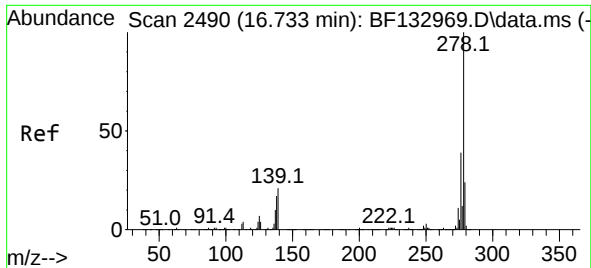
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

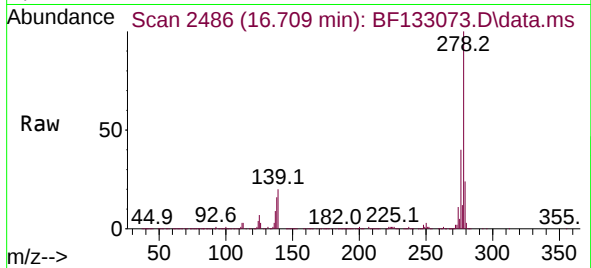
125 13.1 10.5 15.7





#91
Dibenzo(a,h)anthracene
Concen: 65.168 ng
RT: 16.709 min Scan# 2490
Delta R.T. 0.006 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32

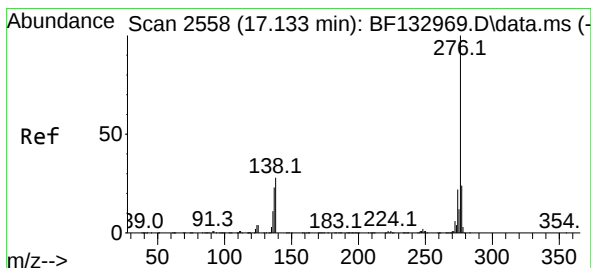
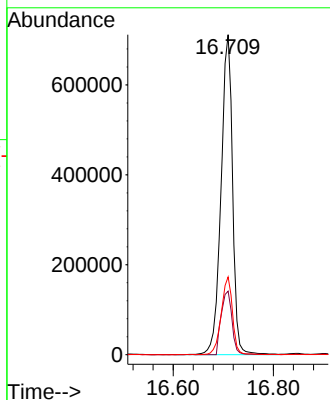
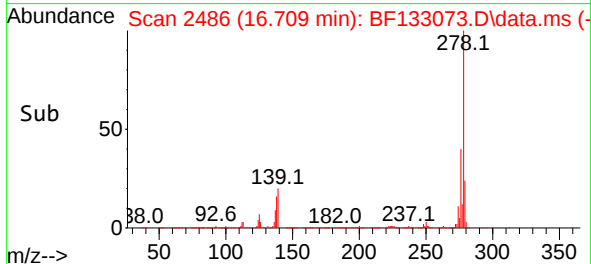
Instrument :
BNA_F
ClientSampleId :
S2S-TP3MS



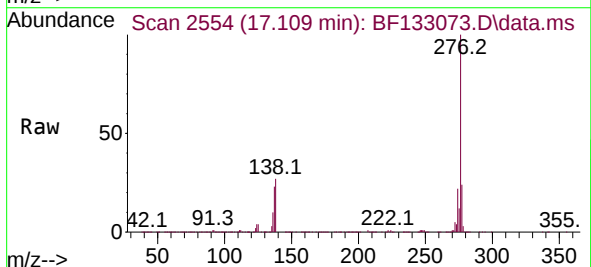
Tgt Ion:278 Resp: 113843
Ion Ratio Lower Upper
278 100
139 19.9 16.6 24.8
279 24.3 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#92
Benzo(g,h,i)perylene
Concen: 67.093 ng
RT: 17.109 min Scan# 2554
Delta R.T. 0.012 min
Lab File: BF133073.D
Acq: 26 Apr 2023 19:32



Tgt Ion:276 Resp: 1157108
Ion Ratio Lower Upper
276 100
277 23.7 19.4 29.0
138 27.0 22.7 34.1

