

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
 Data File : BF133373.D
 Acq On : 12 May 2023 17:12
 Operator : CG\JU
 Sample : 02760-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-2-051123MSD

Quant Time: May 12 17:32:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:40:17 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/15/2023
 Supervised By : Yogesh Patel 05/16/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	185663	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	705259	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	315556	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	486830	20.000	ng	# 0.00
76) Chrysene-d12	13.886	240	314853	20.000	ng	0.00
86) Perylene-d12	15.304	264	255145	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.339	112	1164817	94.773	ng	0.01
7) Phenol-d6	6.369	99	1375961	90.196	ng	0.00
23) Nitrobenzene-d5	7.292	82	832568	63.720	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	266216	83.887	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1386226	73.494	ng	0.00
79) Terphenyl-d14	12.833	244	1301438	71.289	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.387	88	241721	42.401	ng	97
3) Pyridine	3.081	79	640448	42.298	ng	95
4) n-Nitrosodimethylamine	3.045	42	348650	44.455	ng	99
6) Aniline	6.386	93	786364	40.022	ng	# 30
8) 2-Chlorophenol	6.510	128	659812	52.874	ng	97
10) Phenol	6.386	94	782785	46.513	ng	# 71
11) bis(2-Chloroethyl)ether	6.457	93	620132	49.104	ng	99
12) 1,3-Dichlorobenzene	6.663	146	687372	51.809	ng	99
13) 1,4-Dichlorobenzene	6.739	146	691683	52.019	ng	98
14) 1,2-Dichlorobenzene	6.892	146	660085	53.846	ng	98
15) Benzyl Alcohol	6.875	79	538308	51.084	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.004	45	965805	44.031	ng	86
17) 2-Methylphenol	6.992	107	524241	45.878	ng	97
18) Hexachloroethane	7.233	117	223325	48.309	ng	96
19) n-Nitroso-di-n-propyla...	7.145	70	401747	42.302	ng	95
20) 3+4-Methylphenols	7.145	107	640499	47.597	ng	# 75
22) Acetophenone	7.133	105	889898	54.471	ng	# 94
24) Nitrobenzene	7.310	77	647642	48.915	ng	99
25) Isophorone	7.551	82	1202298	48.465	ng	99
26) 2-Nitrophenol	7.628	139	347889	54.476	ng	95
27) 2,4-Dimethylphenol	7.675	122	570189	52.070	ng	98
28) bis(2-Chloroethoxy)met...	7.763	93	731008	49.810	ng	99
29) 2,4-Dichlorophenol	7.875	162	514834	51.645	ng	98
30) 1,2,4-Trichlorobenzene	7.951	180	539039	52.195	ng	99
31) Naphthalene	8.033	128	1749456	49.615	ng	100
32) Benzoic acid	7.804	122	333762m	49.344	ng	
33) 4-Chloroaniline	8.080	127	546522	38.361	ng	98
34) Hexachlorobutadiene	8.151	225	291861	50.990	ng	98
35) Caprolactam	8.463	113	191393m	57.152	ng	
36) 4-Chloro-3-methylphenol	8.575	107	516510	48.048	ng	96
37) 2-Methylnaphthalene	8.722	142	1137095	47.169	ng	99
38) 1-Methylnaphthalene	8.822	142	1043228	46.260	ng	99
40) 1,2,4,5-Tetrachloroben...	8.892	216	467268	55.074	ng	99
41) Hexachlorocyclopentadiene	8.875	237	43932	8.878	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	319128	54.389	ng	100
44) 2,4,5-Trichlorophenol	9.051	196	326178	48.066	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
 Data File : BF133373.D
 Acq On : 12 May 2023 17:12
 Operator : CG\JU
 Sample : 02760-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-2-051123MSD

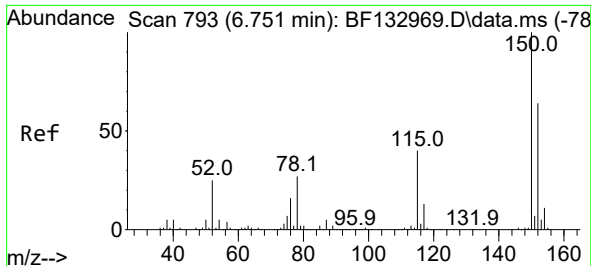
Quant Time: May 12 17:32:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:40:17 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/15/2023
 Supervised By :Yogesh Patel 05/16/2023

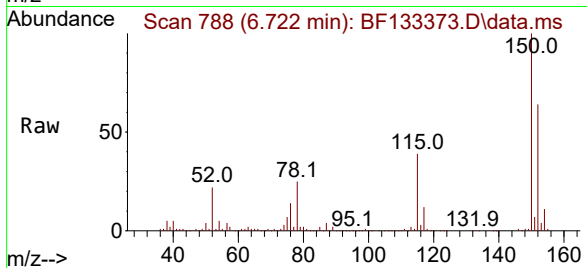
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.186	154	1347849	53.866	ng	98
47) 2-Chloronaphthalene	9.210	162	975391	53.258	ng	100
48) 2-Nitroaniline	9.310	65	319969	52.862	ng	95
49) Acenaphthylene	9.622	152	1462812	49.987	ng	100
50) Dimethylphthalate	9.486	163	1178751	53.572	ng	100
51) 2,6-Dinitrotoluene	9.551	165	251436	50.771	ng	92
52) Acenaphthene	9.798	154	930506m	47.476	ng	
53) 3-Nitroaniline	9.722	138	276547	46.964	ng	94
54) 2,4-Dinitrophenol	9.827	184	39548	15.887	ng	97
55) Dibenzofuran	9.969	168	1272157	47.583	ng	99
56) 4-Nitrophenol	9.892	139	393582	86.299	ng	90
57) 2,4-Dinitrotoluene	9.957	165	300268	47.544	ng	# 90
58) Fluorene	10.310	166	949105	48.454	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.092	232	247838	47.109	ng	# 94
60) Diethylphthalate	10.186	149	1041710	50.122	ng	99
61) 4-Chlorophenyl-phenyle...	10.298	204	461100	48.306	ng	94
62) 4-Nitroaniline	10.333	138	248506	45.917	ng	97
63) Azobenzene	10.463	77	1007294	45.752	ng	96
65) 4,6-Dinitro-2-methylph...	10.363	198	34988	11.857	ng	# 65
66) n-Nitrosodiphenylamine	10.421	169	842786	53.370	ng	98
67) 4-Bromophenyl-phenylether	10.792	248	272116	51.538	ng	98
68) Hexachlorobenzene	10.863	284	281011	51.940	ng	98
69) Atrazine	10.951	200	285977	62.849	ng	98
70) Pentachlorophenol	11.057	266	311428	80.824	ng	97
71) Phenanthrene	11.268	178	1412005	53.964	ng	100
72) Anthracene	11.321	178	1373029	51.275	ng	100
73) Carbazole	11.474	167	1253556	52.574	ng	98
74) Di-n-butylphthalate	11.810	149	1478184	54.782	ng	99
75) Fluoranthene	12.463	202	1446040	55.066	ng	97
77) Benzidine	12.604	184	787348	147.877	ng	# 93
78) Pyrene	12.692	202	1596561	59.153	ng	100
80) Butylbenzylphthalate	13.304	149	622466	65.135	ng	95
81) Benzo(a)anthracene	13.874	228	1145198	52.892	ng	99
82) 3,3'-Dichlorobenzidine	13.839	252	329399	55.072	ng	99
83) Chrysene	13.909	228	1088072	50.266	ng	100
84) Bis(2-ethylhexyl)phtha...	13.868	149	776155	64.706	ng	98
85) Di-n-octyl phthalate	14.480	149	1279180	65.402	ng	95
87) Indeno(1,2,3-cd)pyrene	16.698	276	844920	58.217	ng	98
88) Benzo(b)fluoranthene	14.898	252	953284m	58.729	ng	
89) Benzo(k)fluoranthene	14.927	252	778934	48.409	ng	97
90) Benzo(a)pyrene	15.245	252	738329	49.973	ng	98
91) Dibenzo(a,h)anthracene	16.709	278	688830	56.906	ng	99
92) Benzo(g,h,i)perylene	17.115	276	684666	57.292	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

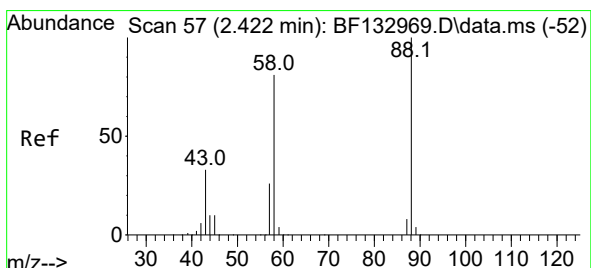
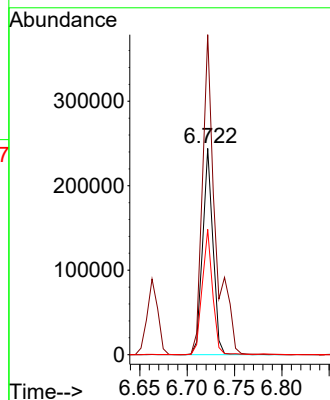
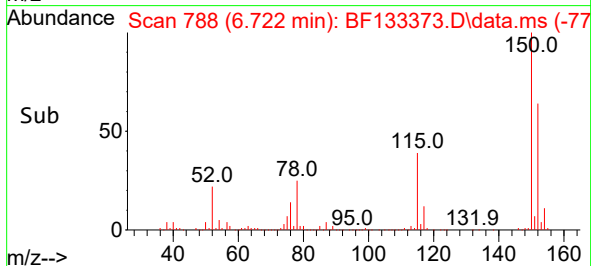
Instrument :
BNA_F
ClientSampleId :
HR-2-051123MSD



Tgt Ion:152 Resp: 18566
Ion Ratio Lower Upper
152 100
150 155.1 124.8 187.2
115 60.7 49.9 74.9

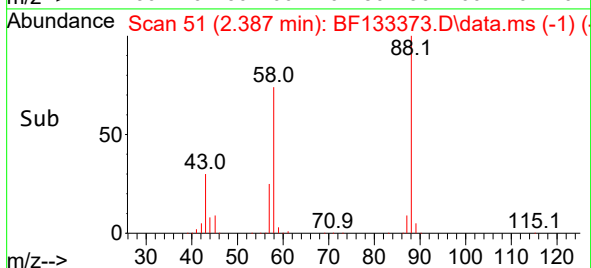
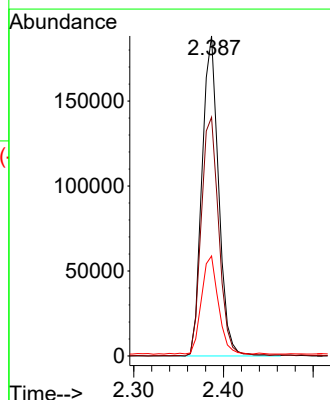
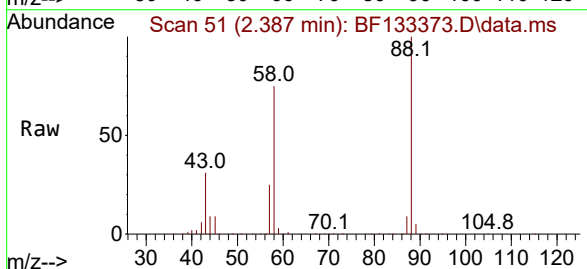
Manual Integrations
APPROVED

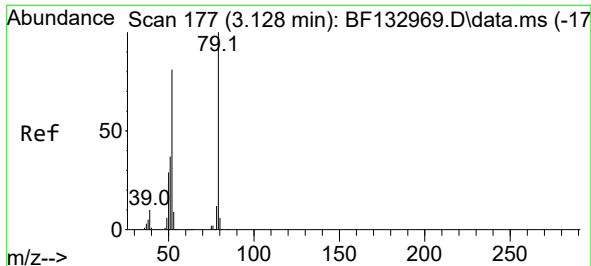
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#2
1,4-Dioxane
Concen: 42.401 ng
RT: 2.387 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

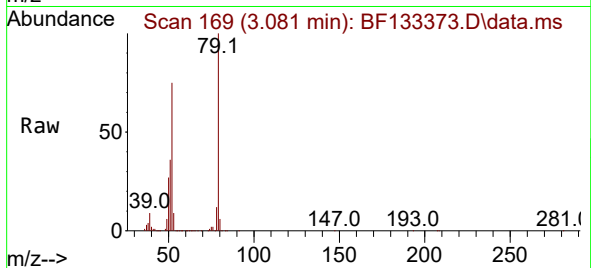
Tgt Ion: 88 Resp: 241721
Ion Ratio Lower Upper
88 100
58 78.2 64.7 97.1
43 31.2 26.2 39.2





#3
Pyridine
Concen: 42.298 ng
RT: 3.081 min Scan# 10
Delta R.T. 0.023 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

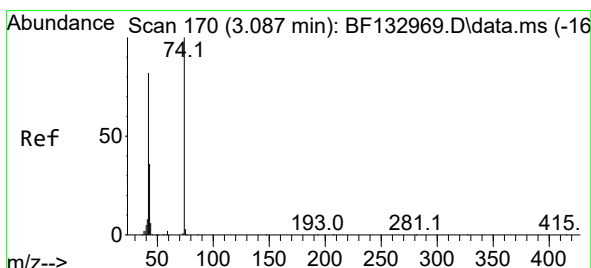
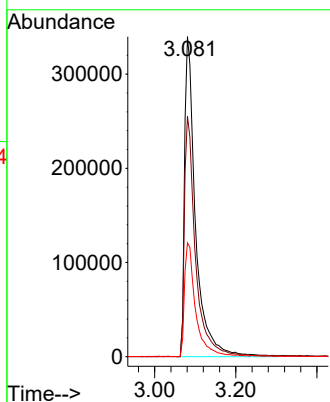
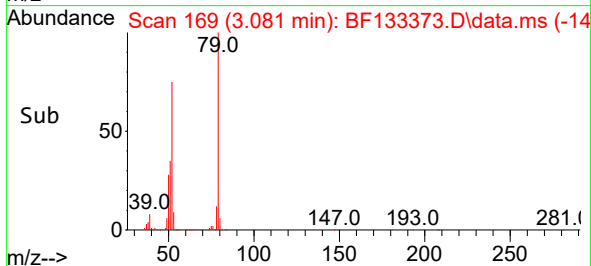
Instrument :
BNA_F
ClientSampleId :
HR-2-051123MSD



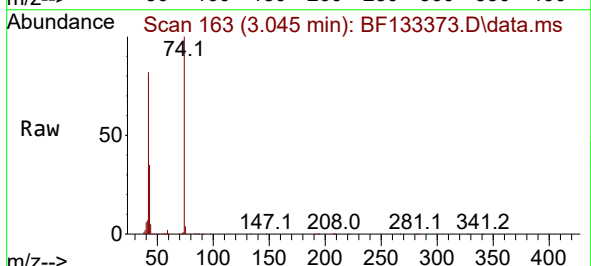
Tgt Ion: 79 Resp: 640448
Ion Ratio Lower Upper
79 100
52 75.2 64.6 96.8
51 35.5 30.0 45.0

Manual Integrations
APPROVED

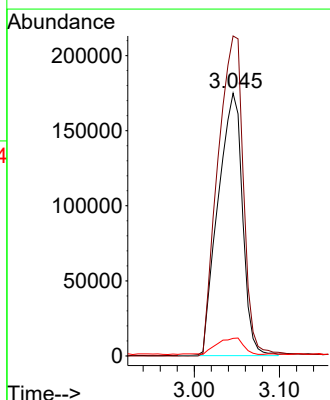
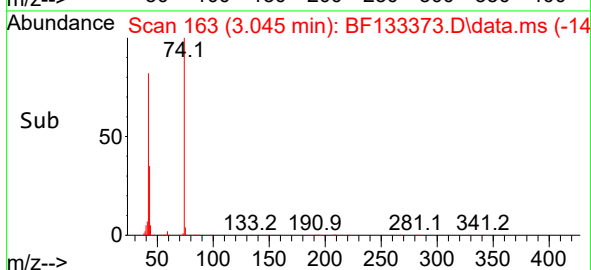
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

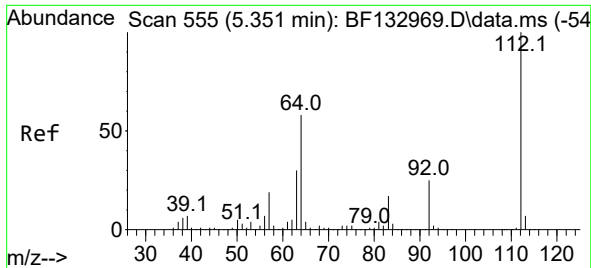


#4
n-Nitrosodimethylamine
Concen: 44.455 ng
RT: 3.045 min Scan# 163
Delta R.T. 0.023 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12



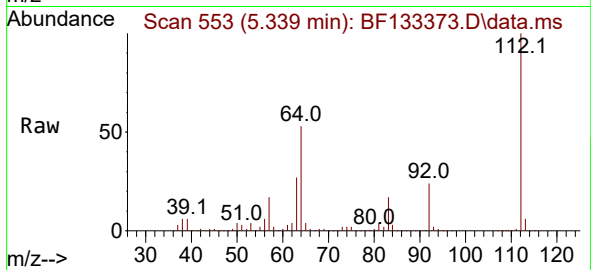
Tgt Ion: 42 Resp: 348650
Ion Ratio Lower Upper
42 100
74 121.8 98.0 147.0
44 6.7 5.8 8.8





#5
2-Fluorophenol
Concen: 94.773 ng
RT: 5.339 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

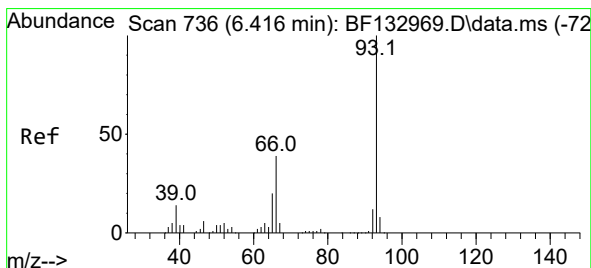
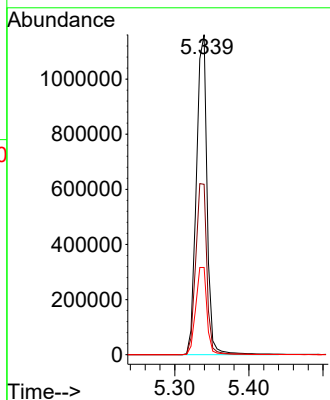
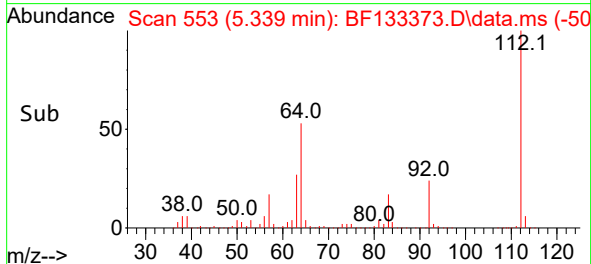
Instrument :
BNA_F
ClientSampleId :
HR-2-051123MSD



Tgt Ion:112 Resp: 116481
Ion Ratio Lower Upper
112 100
64 53.3 46.8 70.2
63 27.2 23.8 35.8

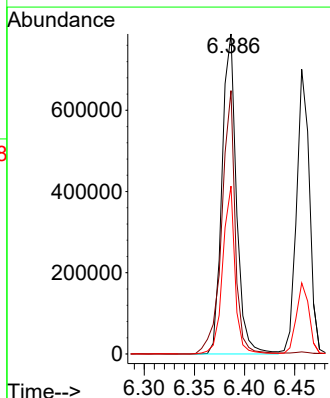
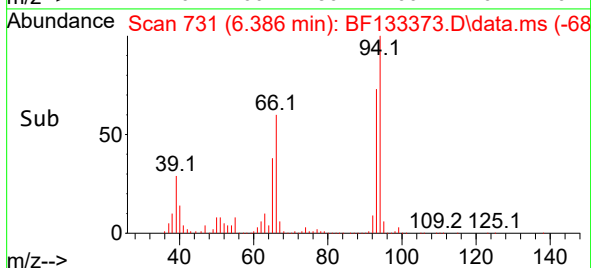
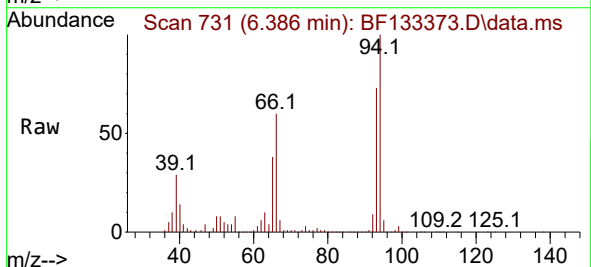
Manual Integrations
APPROVED

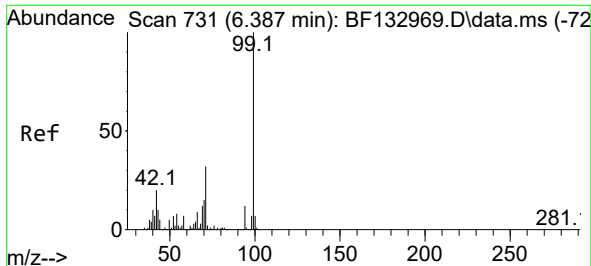
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#6
Aniline
Concen: 40.022 ng
RT: 6.386 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

Tgt Ion: 93 Resp: 786364
Ion Ratio Lower Upper
93 100
66 82.3 31.5 47.3#
65 52.4 16.4 24.6#





#7

Phenol-d6

Concen: 90.196 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF133373.D

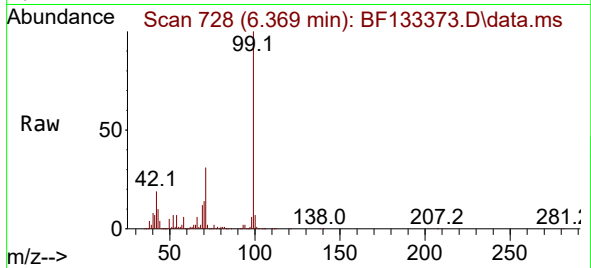
Acq: 12 May 2023 17:12

Instrument :

BNA_F

ClientSampleId :

HR-2-051123MSD



Tgt Ion: 99 Resp: 137596

Ion Ratio Lower Upper

99 100

42 19.2 16.3 24.5

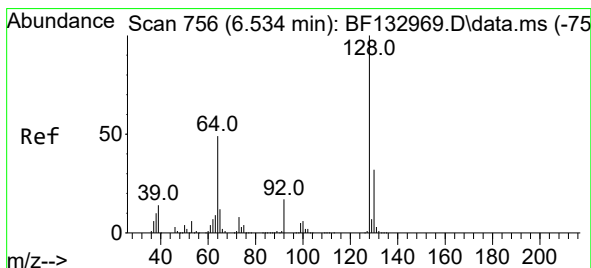
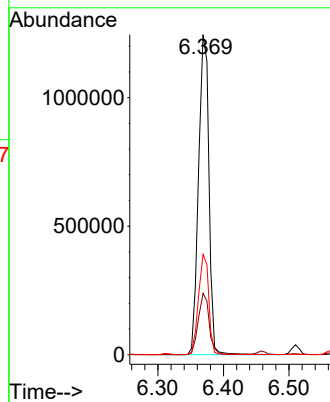
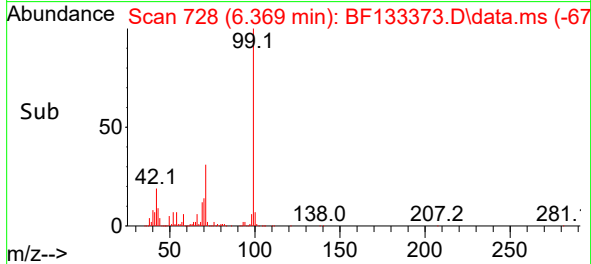
71 31.4 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#8

2-Chlorophenol

Concen: 52.874 ng

RT: 6.510 min Scan# 752

Delta R.T. -0.000 min

Lab File: BF133373.D

Acq: 12 May 2023 17:12

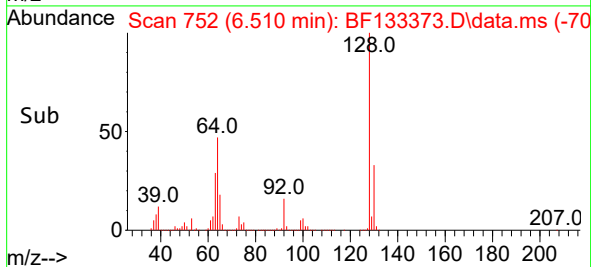
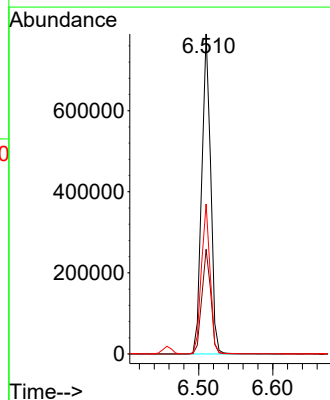
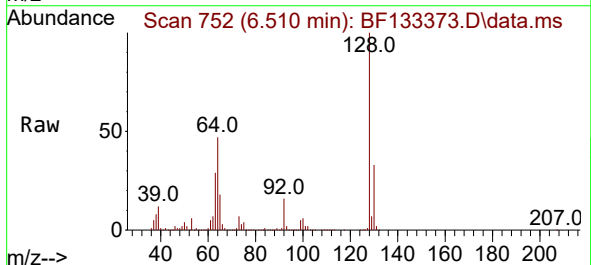
Tgt Ion:128 Resp: 659812

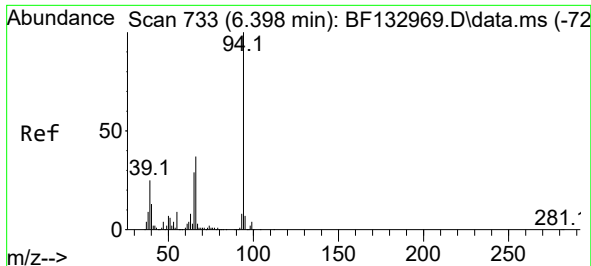
Ion Ratio Lower Upper

128 100

130 32.7 12.2 52.2

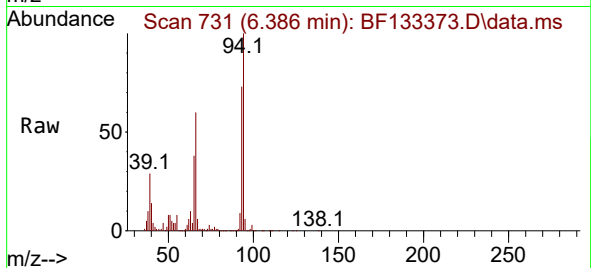
64 46.9 30.3 70.3





#10
Phenol
Concen: 46.513 ng
RT: 6.386 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

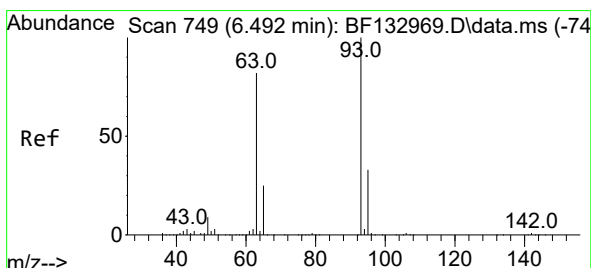
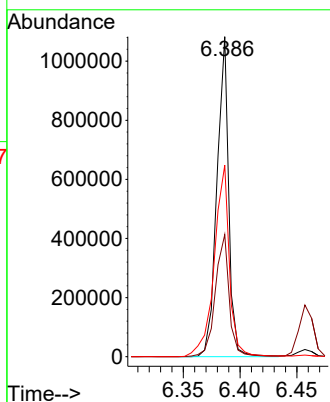
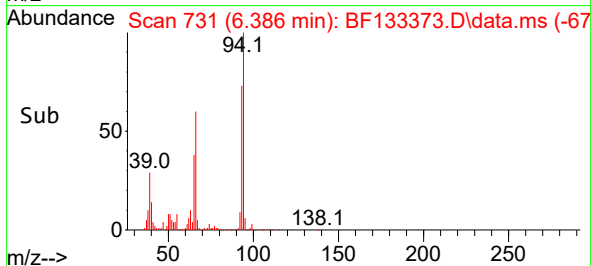
Instrument :
BNA_F
ClientSampleId :
HR-2-051123MSD



Tgt Ion: 94 Resp: 782785
Ion Ratio Lower Upper
94 100
65 38.2 8.6 48.6
66 59.9 17.3 57.3

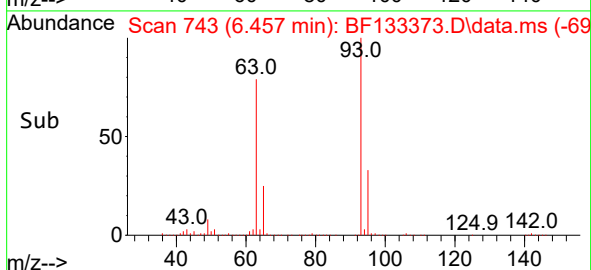
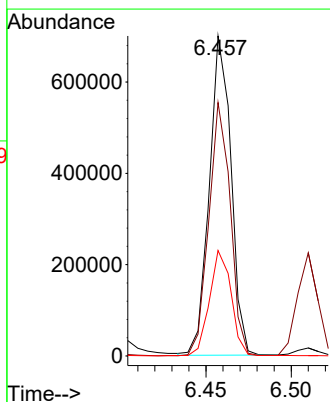
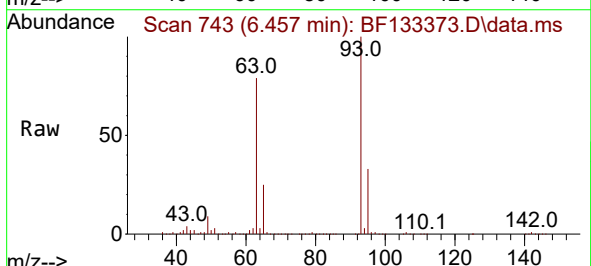
Manual Integrations
APPROVED

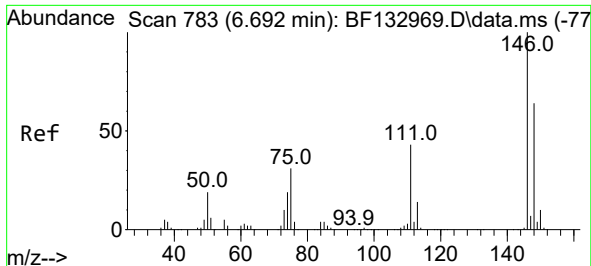
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#11
bis(2-Chloroethyl)ether
Concen: 49.104 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

Tgt Ion: 93 Resp: 620132
Ion Ratio Lower Upper
93 100
63 79.2 60.6 100.6
95 33.0 12.9 52.9





#12

1,3-Dichlorobenzene

Concen: 51.809 ng

RT: 6.663 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF133373.D

Acq: 12 May 2023 17:12

Instrument :

BNA_F

ClientSampleId :

HR-2-051123MSD

Tgt Ion:146 Resp: 687372

Ion Ratio Lower Upper

146 100

148 64.1 51.0 76.4

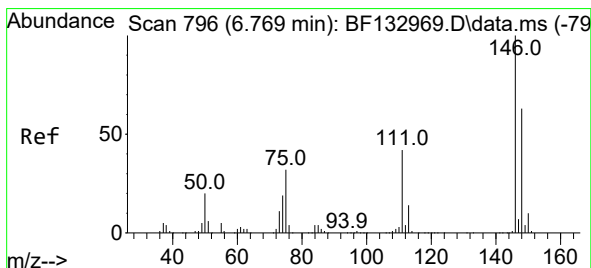
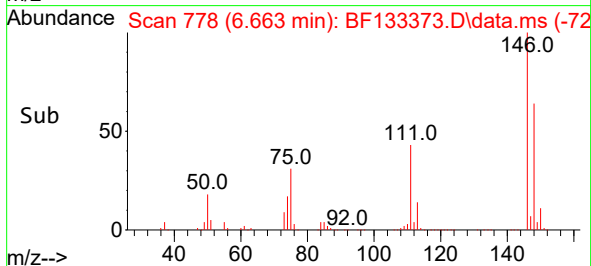
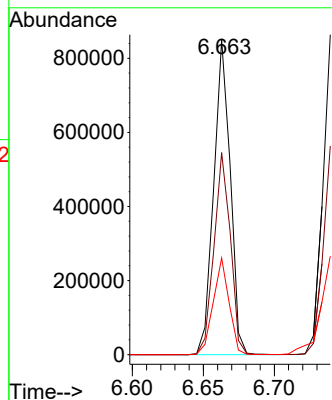
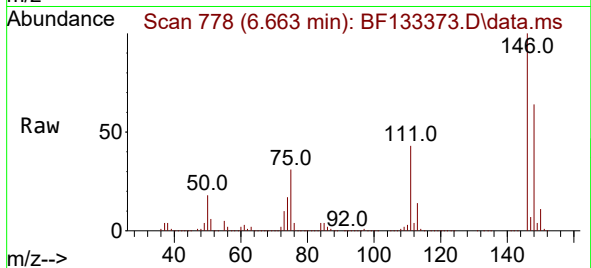
75 30.7 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#13

1,4-Dichlorobenzene

Concen: 52.019 ng

RT: 6.739 min Scan# 791

Delta R.T. -0.000 min

Lab File: BF133373.D

Acq: 12 May 2023 17:12

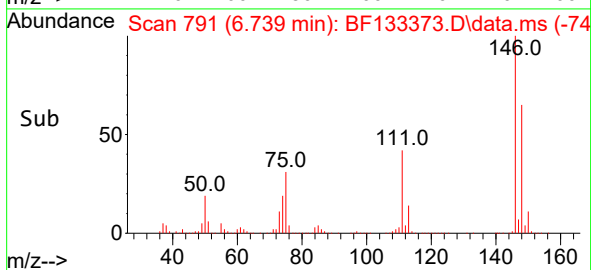
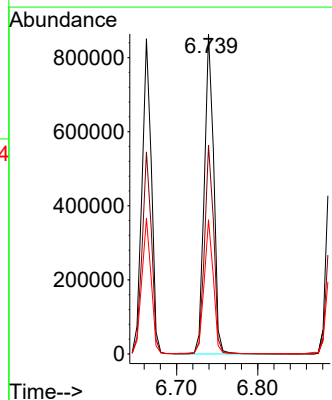
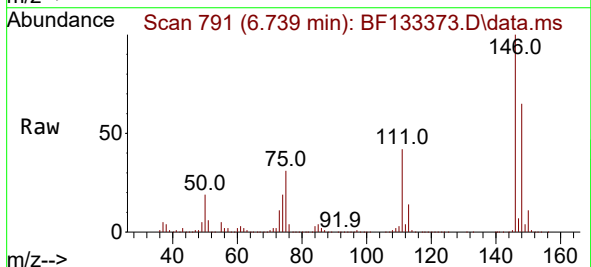
Tgt Ion:146 Resp: 691683

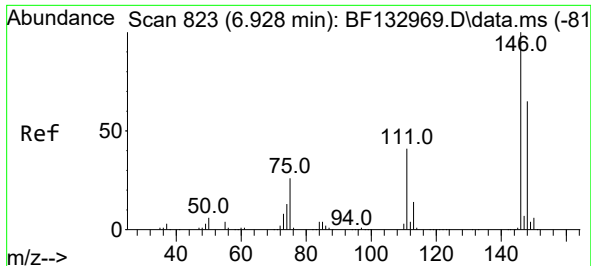
Ion Ratio Lower Upper

146 100

148 65.2 50.3 75.5

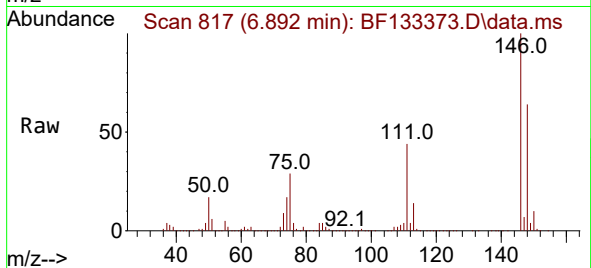
111 41.9 33.8 50.6





#14
1,2-Dichlorobenzene
Concen: 53.846 ng
RT: 6.892 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

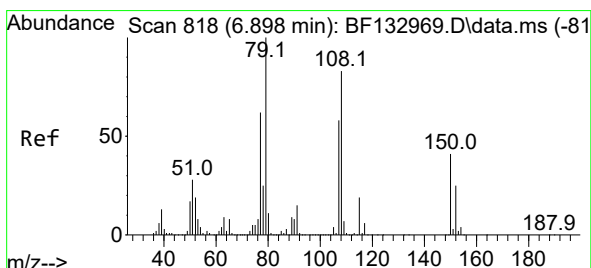
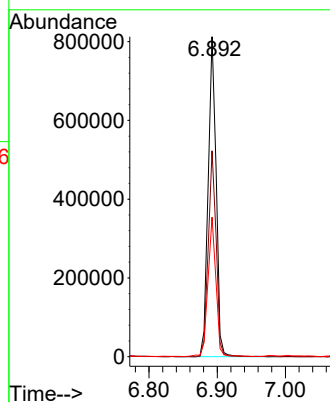
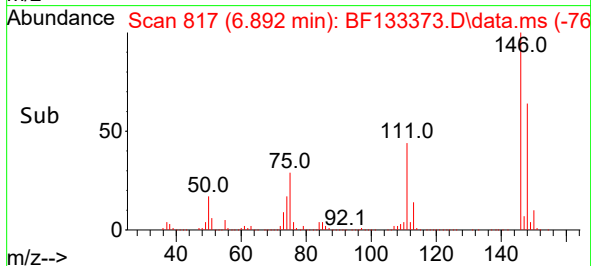
Instrument :
BNA_F
ClientSampleId :
HR-2-051123MSD



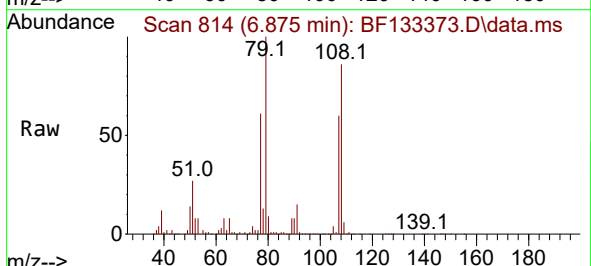
Tgt Ion:146 Resp: 660085
Ion Ratio Lower Upper
146 100
148 64.4 52.2 78.2
111 43.6 32.8 49.2

Manual Integrations
APPROVED

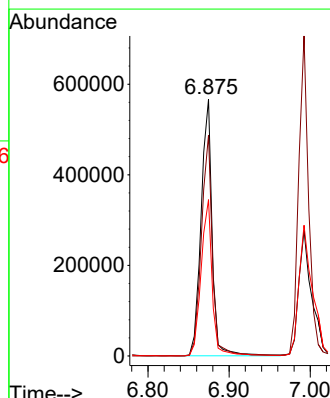
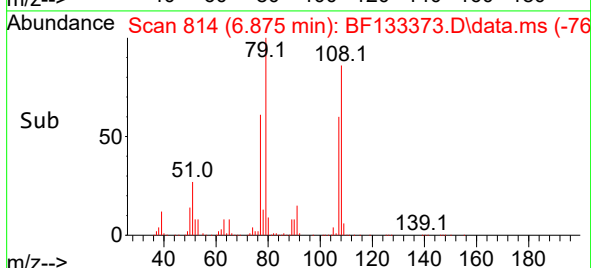
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

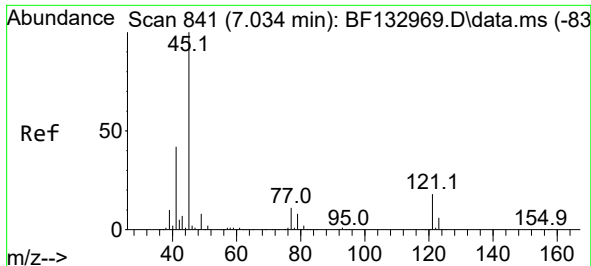


#15
Benzyl Alcohol
Concen: 51.084 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.006 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12



Tgt Ion: 79 Resp: 538308
Ion Ratio Lower Upper
79 100
108 86.1 66.6 99.8
77 60.9 49.2 73.8





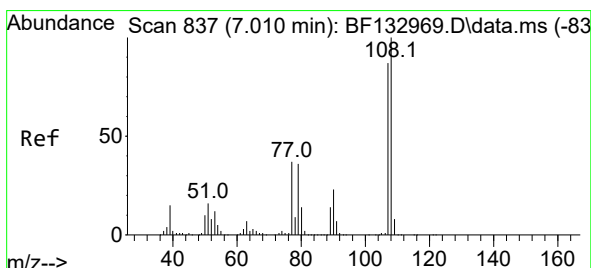
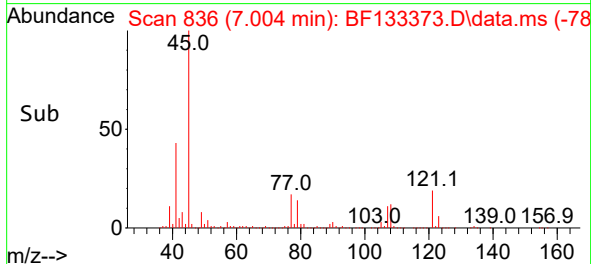
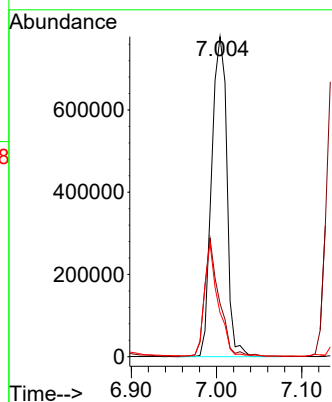
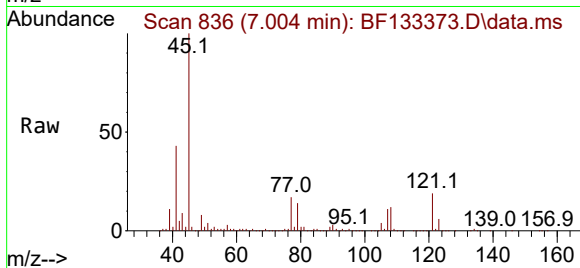
#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.031 ng
RT: 7.004 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

Instrument :
BNA_F
ClientSampleId :
HR-2-051123MSD

Tgt Ion: 45 Resp: 96580
Ion Ratio Lower Upper
45 100
77 16.6 0.0 31.5
79 13.8 0.0 28.7

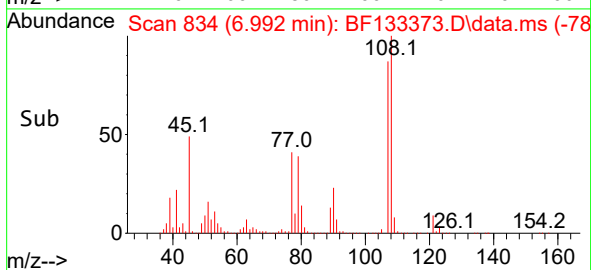
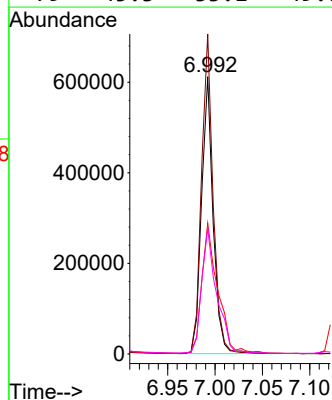
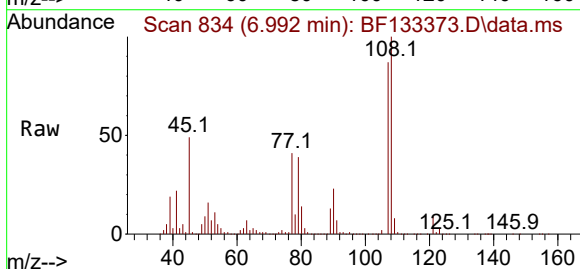
Manual Integrations
APPROVED

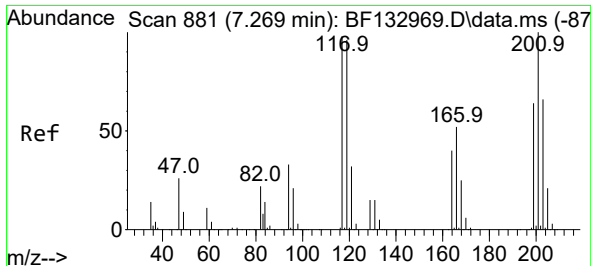
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#17
2-Methylphenol
Concen: 45.878 ng
RT: 6.992 min Scan# 834
Delta R.T. 0.006 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

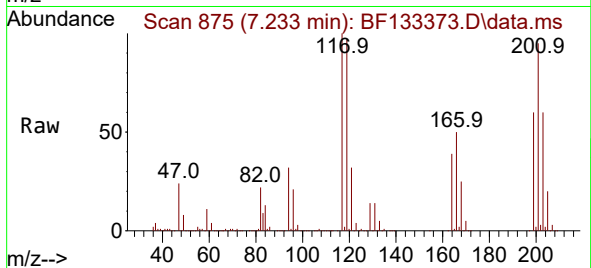
Tgt Ion:107 Resp: 524241
Ion Ratio Lower Upper
107 100
108 115.4 92.4 138.6
77 47.2 33.8 50.8
79 45.3 33.1 49.7





#18
Hexachloroethane
Concen: 48.309 ng
RT: 7.233 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

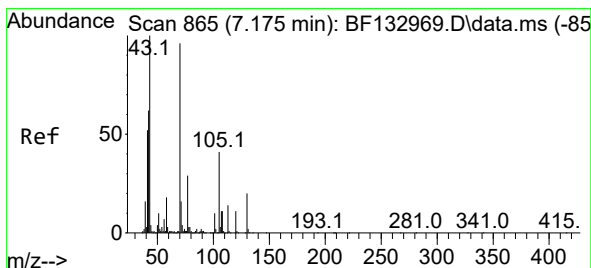
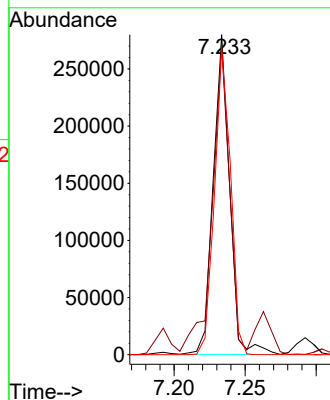
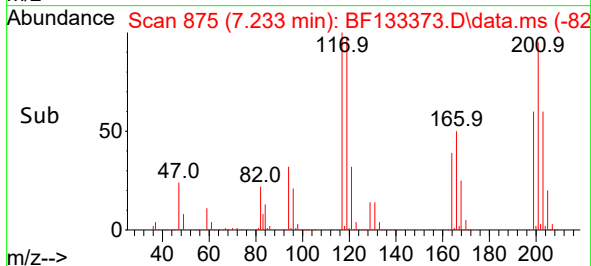
Instrument :
BNA_F
ClientSampleId :
HR-2-051123MSD



Tgt Ion: 117 Resp: 223325
Ion Ratio Lower Upper
117 100
119 97.0 78.2 117.4
201 95.5 81.7 122.5

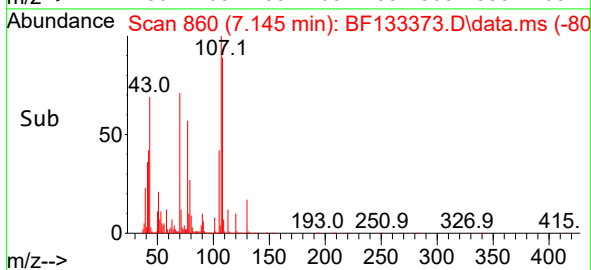
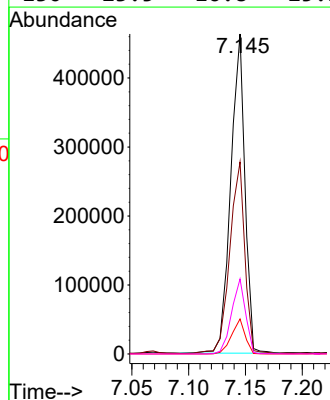
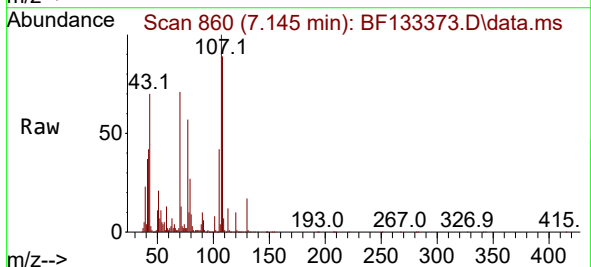
Manual Integrations
APPROVED

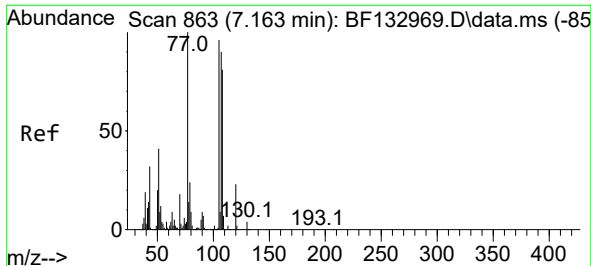
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#19
n-Nitroso-di-n-propylamine
Concen: 42.302 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

Tgt Ion: 70 Resp: 401747
Ion Ratio Lower Upper
70 100
42 60.0 51.8 77.6
101 10.9 8.0 12.0
130 23.5 16.8 25.2





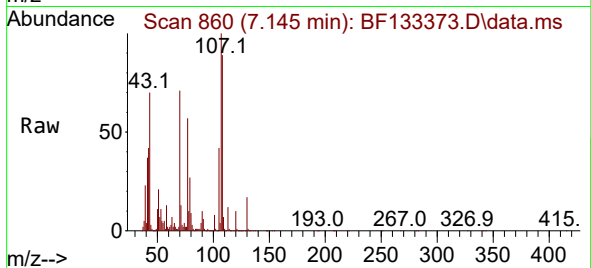
#20
3+4-Methylphenols
Concen: 47.597 ng
RT: 7.145 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

Instrument :

BNA_F

ClientSampleId :

HR-2-051123MSD

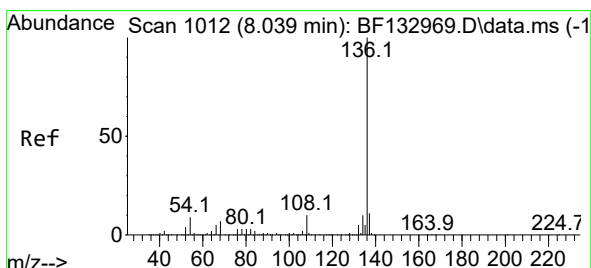
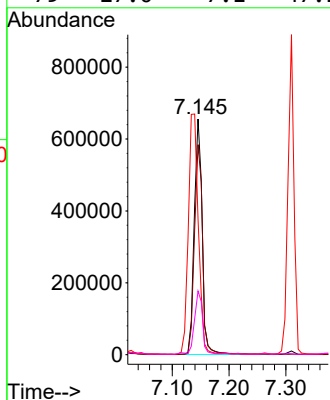
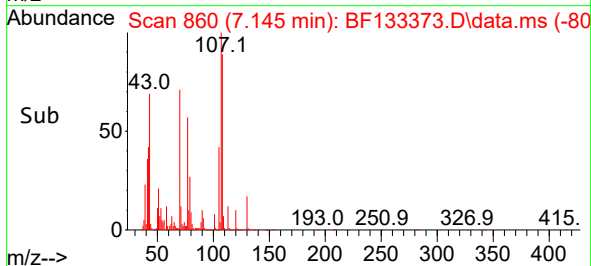


Tgt Ion:107 Resp: 640499
Ion Ratio Lower Upper
107 100
108 89.1 70.5 110.5
77 57.4 91.7 131.7
79 27.0 7.1 47.1

Manual Integrations

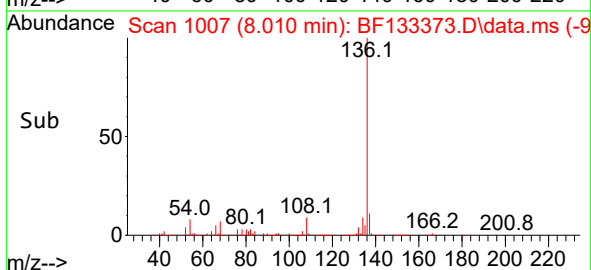
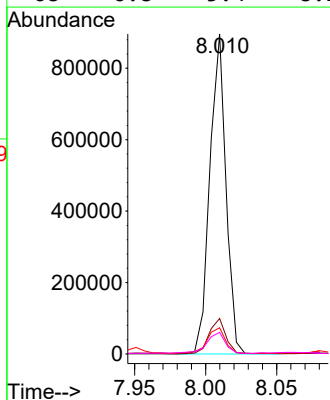
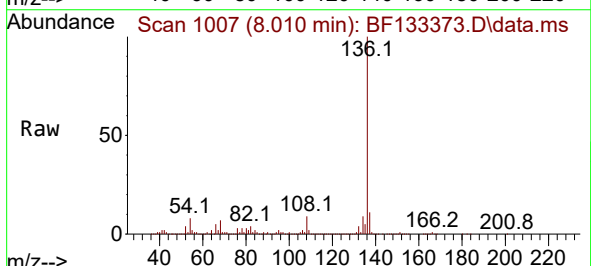
APPROVED

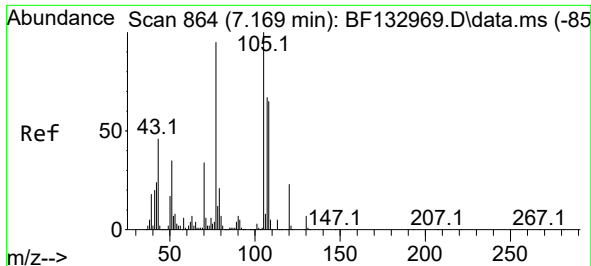
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

Tgt Ion:136 Resp: 705259
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.2 7.0 10.4
68 6.8 5.4 8.2





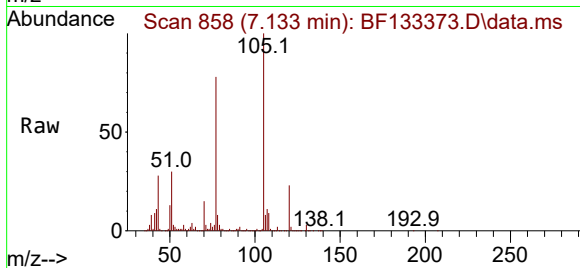
#22
Acetophenone
Concen: 54.471 ng
RT: 7.133 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

Instrument :

BNA_F

ClientSampleId :

HR-2-051123MSD

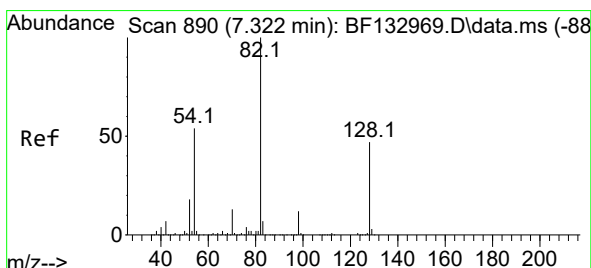
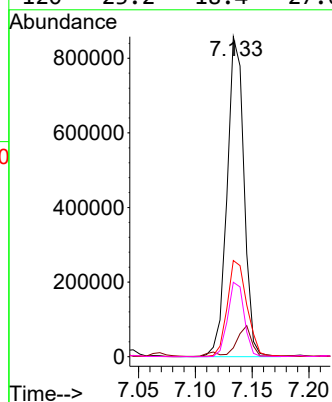
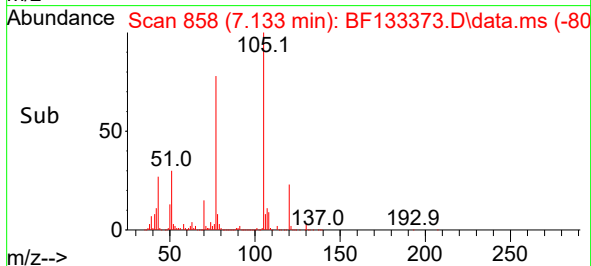


Tgt Ion:105 Resp: 889898
Ion Ratio Lower Upper
105 100
71 2.8 4.6 7.0
51 30.1 28.2 42.2
120 23.2 18.4 27.6

Manual Integrations

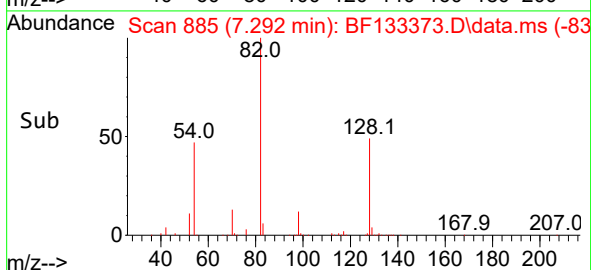
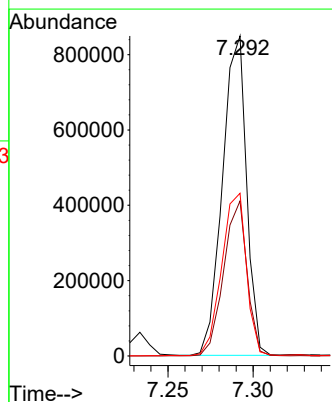
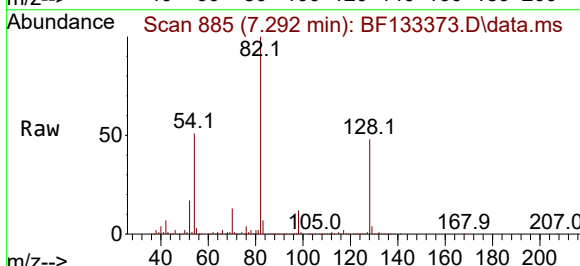
APPROVED

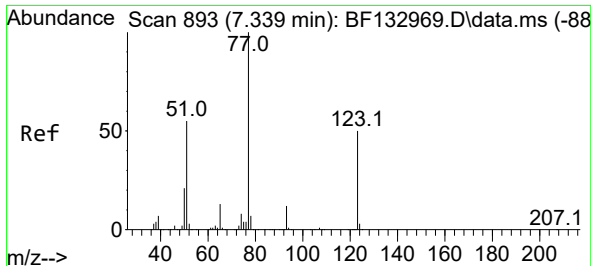
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#23
Nitrobenzene-d5
Concen: 63.720 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

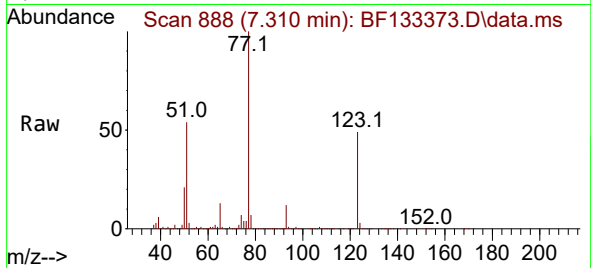
Tgt Ion: 82 Resp: 832568
Ion Ratio Lower Upper
82 100
128 48.5 37.7 56.5
54 50.8 43.0 64.4





#24
Nitrobenzene
Concen: 48.915 ng
RT: 7.310 min Scan# 810
Delta R.T. -0.000 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

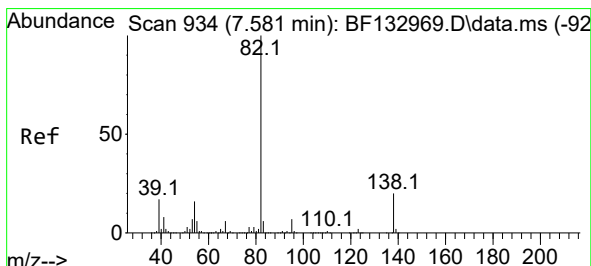
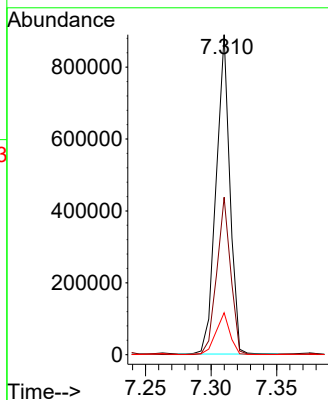
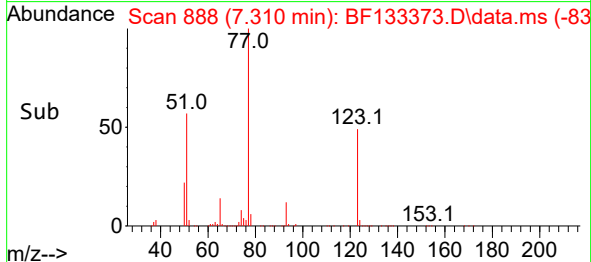
Instrument :
BNA_F
ClientSampleId :
HR-2-051123MSD



Tgt Ion: 77 Resp: 64764
Ion Ratio Lower Upper
77 100
123 49.2 39.9 59.9
65 13.1 10.7 16.1

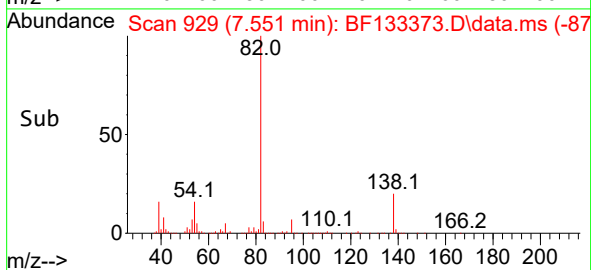
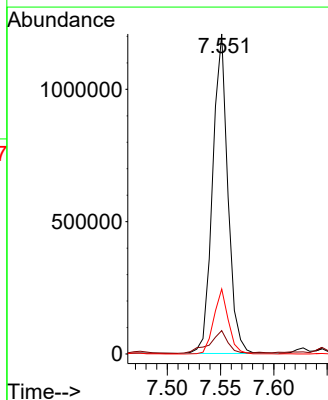
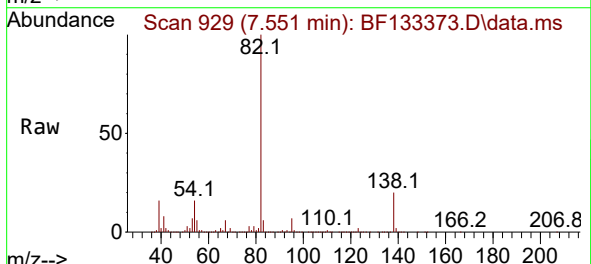
Manual Integrations
APPROVED

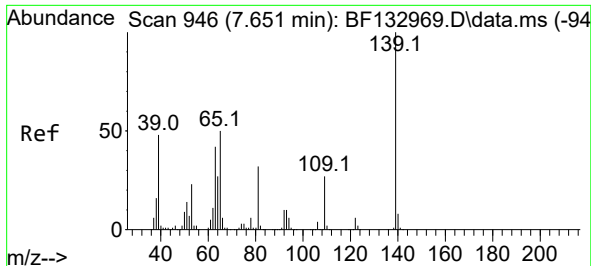
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#25
Isophorone
Concen: 48.465 ng
RT: 7.551 min Scan# 929
Delta R.T. 0.006 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

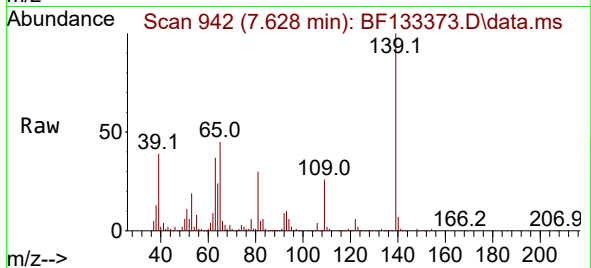
Tgt Ion: 82 Resp: 1202298
Ion Ratio Lower Upper
82 100
95 7.3 5.4 8.0
138 20.3 16.0 24.0





#26
2-Nitrophenol
Concen: 54.476 ng
RT: 7.628 min Scan# 946
Delta R.T. -0.000 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

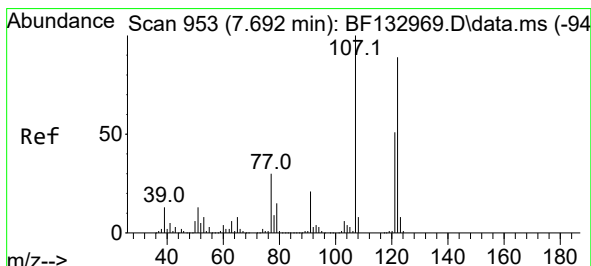
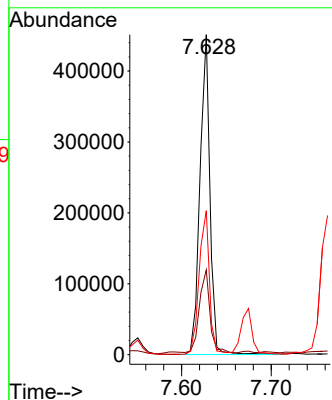
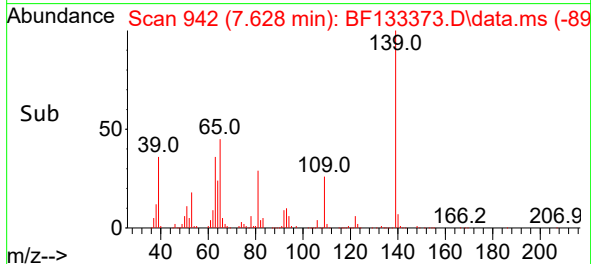
Instrument :
BNA_F
ClientSampleId :
HR-2-051123MSD



Tgt Ion:139 Resp: 347889
Ion Ratio Lower Upper
139 100
109 26.5 21.6 32.4
65 45.0 39.8 59.6

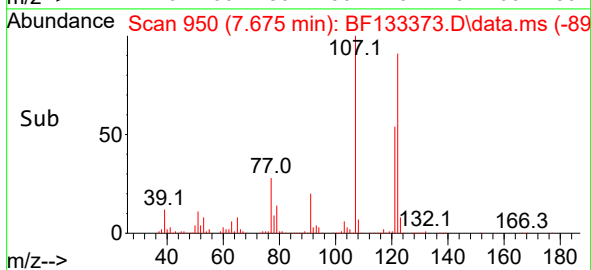
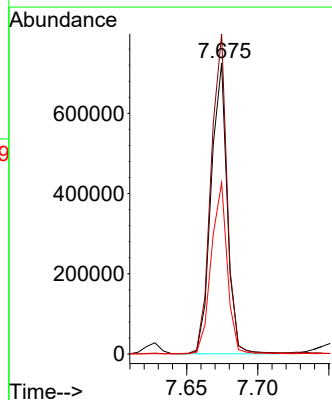
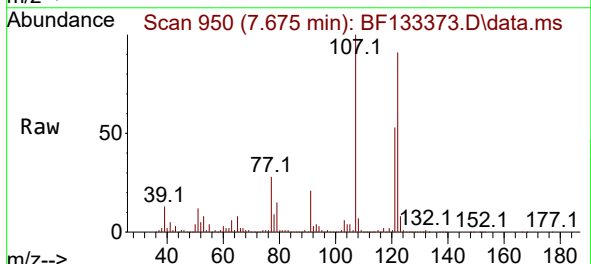
Manual Integrations
APPROVED

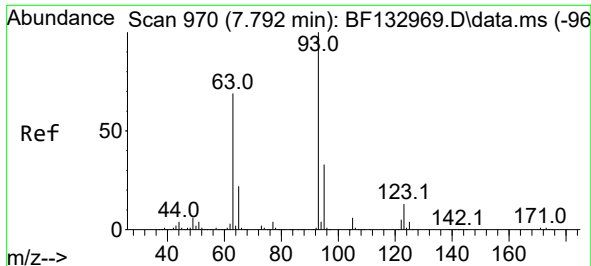
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#27
2,4-Dimethylphenol
Concen: 52.070 ng
RT: 7.675 min Scan# 950
Delta R.T. 0.006 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

Tgt Ion:122 Resp: 570189
Ion Ratio Lower Upper
122 100
107 110.0 89.7 134.5
121 58.8 46.0 69.0





#28

bis(2-Chloroethoxy)methane

Concen: 49.810 ng

RT: 7.763 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF133373.D

Acq: 12 May 2023 17:12

Instrument :

BNA_F

ClientSampleId :

HR-2-051123MSD

Tgt Ion: 93 Resp: 731000

Ion Ratio Lower Upper

93 100

95 33.4 26.4 39.6

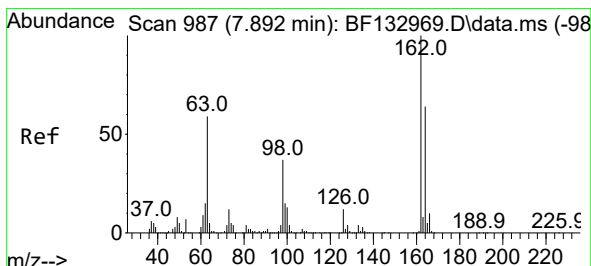
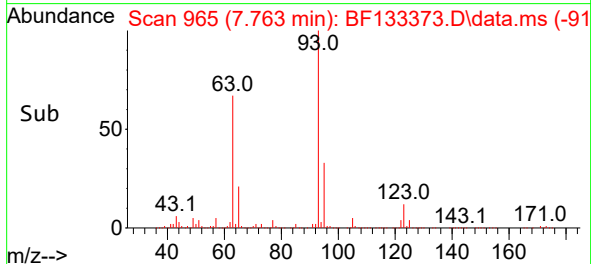
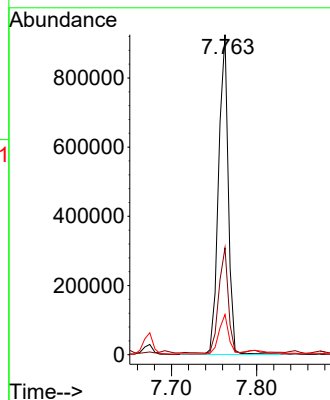
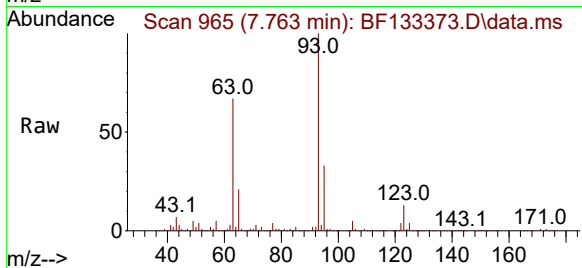
123 12.5 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#29

2,4-Dichlorophenol

Concen: 51.645 ng

RT: 7.875 min Scan# 984

Delta R.T. 0.006 min

Lab File: BF133373.D

Acq: 12 May 2023 17:12

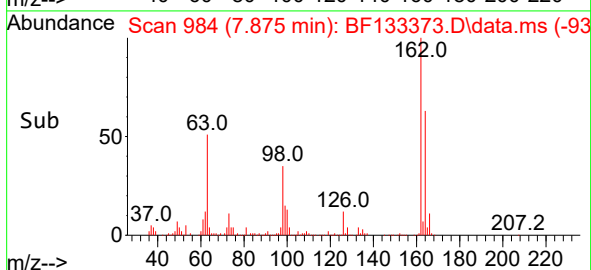
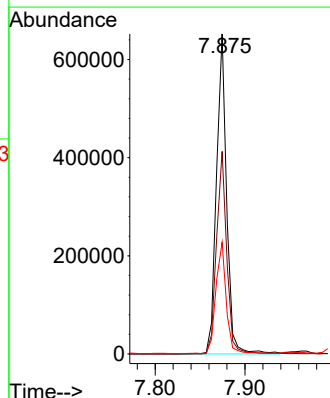
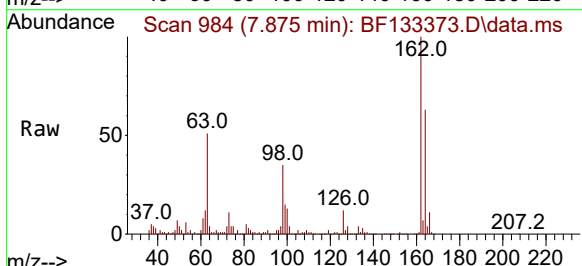
Tgt Ion:162 Resp: 514834

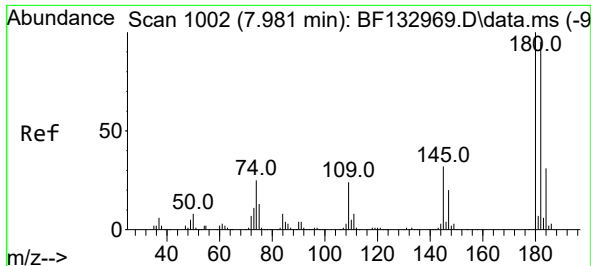
Ion Ratio Lower Upper

162 100

164 63.3 43.9 83.9

98 34.9 17.0 57.0





#30

1,2,4-Trichlorobenzene

Concen: 52.195 ng

RT: 7.951 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF133373.D

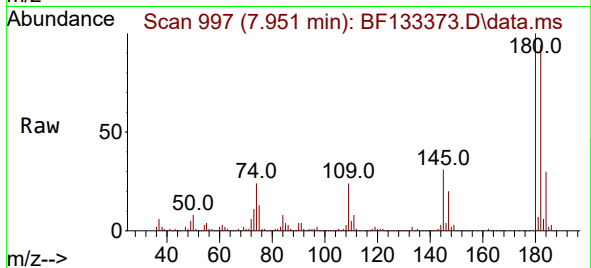
Acq: 12 May 2023 17:12

Instrument :

BNA_F

ClientSampleId :

HR-2-051123MSD



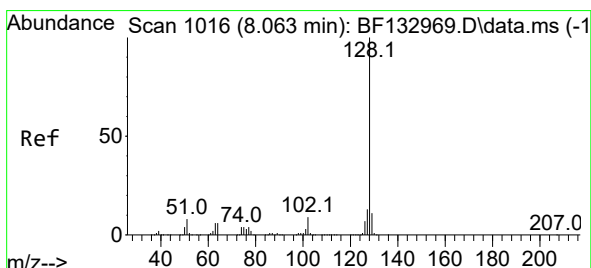
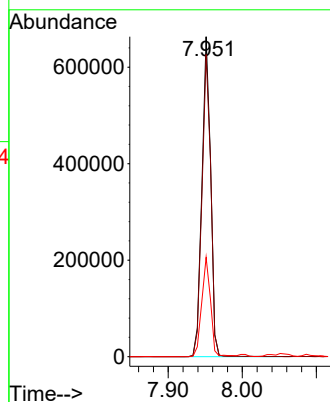
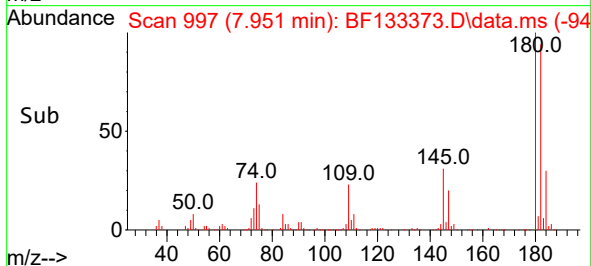
Tgt Ion:180 Resp: 539039

Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.9	113.9
145	31.0	25.3	37.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#31

Naphthalene

Concen: 49.615 ng

RT: 8.033 min Scan# 1011

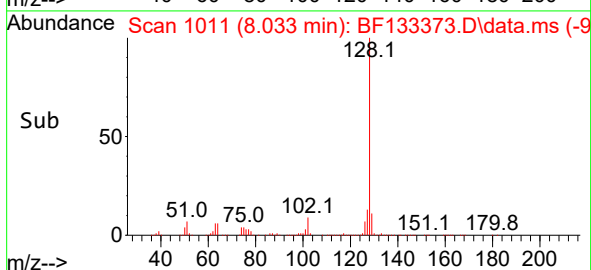
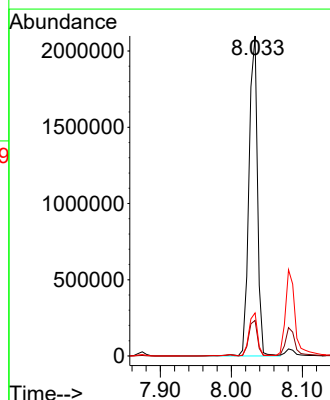
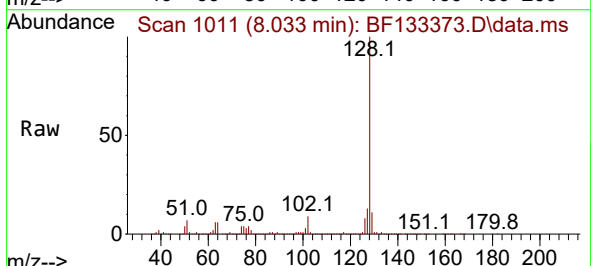
Delta R.T. 0.006 min

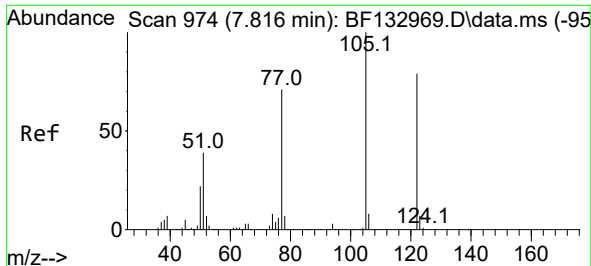
Lab File: BF133373.D

Acq: 12 May 2023 17:12

Tgt Ion:128 Resp: 1749456

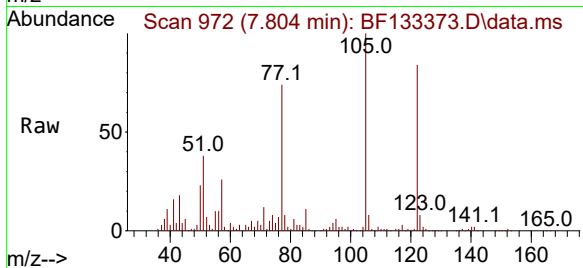
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.5	10.7	16.1





#32
Benzoic acid
Concen: 49.344 ng m
RT: 7.804 min Scan# 91
Delta R.T. 0.012 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

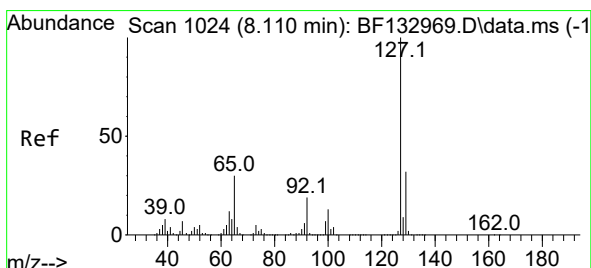
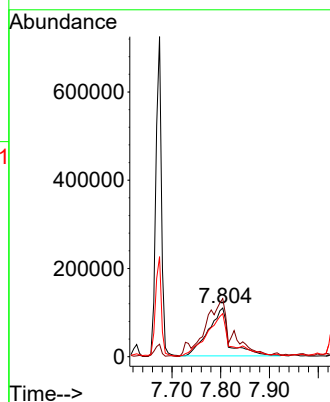
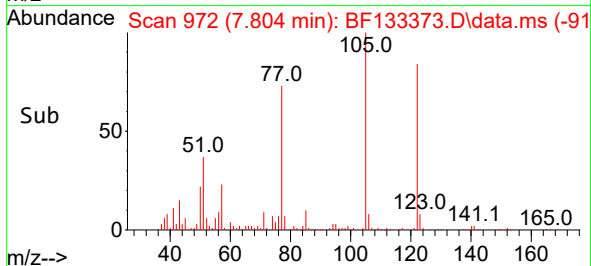
Instrument :
BNA_F
ClientSampleId :
HR-2-051123MSD



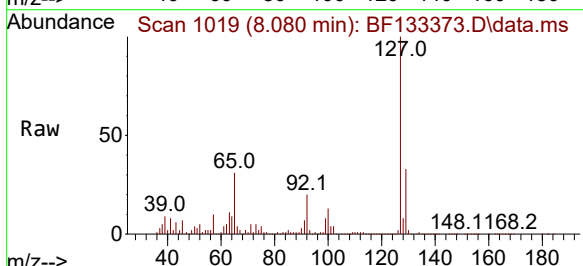
Tgt Ion:122 Resp: 333762
Ion Ratio Lower Upper
122 100
105 119.3 104.2 144.2
77 88.5 69.7 109.7

Manual Integrations
APPROVED

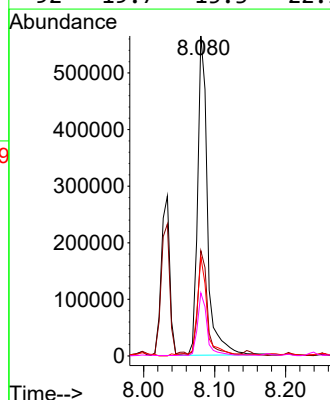
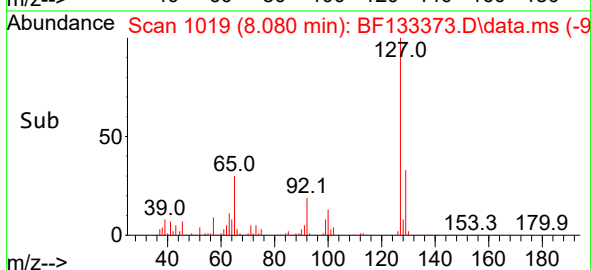
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

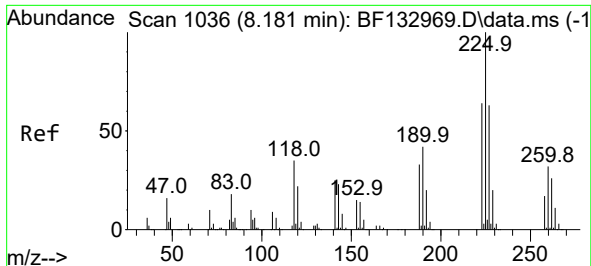


#33
4-Chloroaniline
Concen: 38.361 ng
RT: 8.080 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12



Tgt Ion:127 Resp: 546522
Ion Ratio Lower Upper
127 100
129 32.9 25.8 38.8
65 31.0 23.6 35.4
92 19.7 15.3 22.9





#34
Hexachlorobutadiene
Concen: 50.990 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

Instrument :

BNA_F

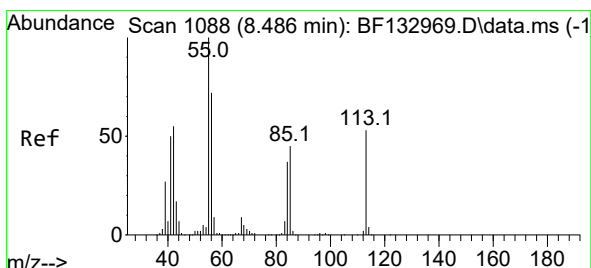
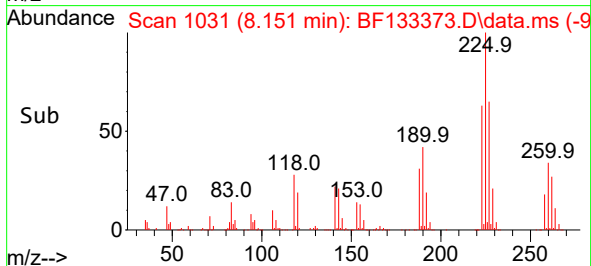
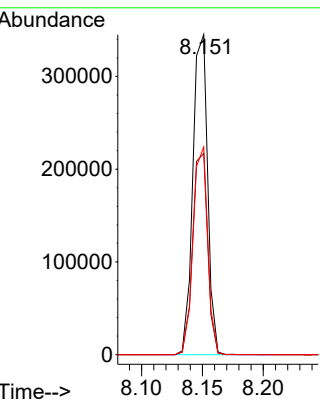
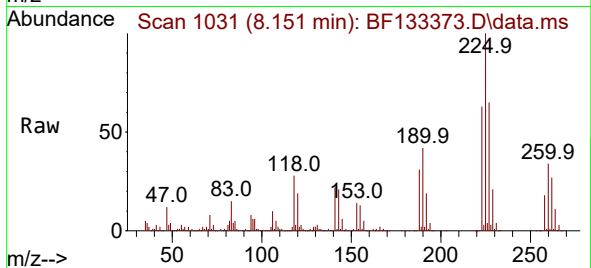
ClientSampleId :

HR-2-051123MSD

Tgt Ion:225 Resp: 29186
Ion Ratio Lower Upper
225 100
223 62.9 50.9 76.3
227 64.9 50.3 75.5

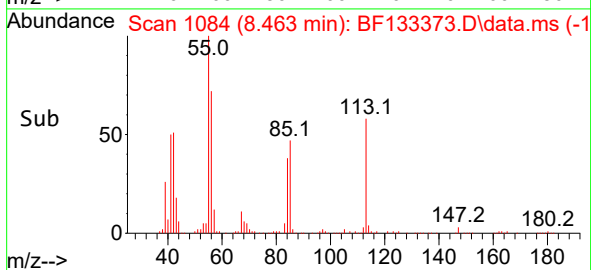
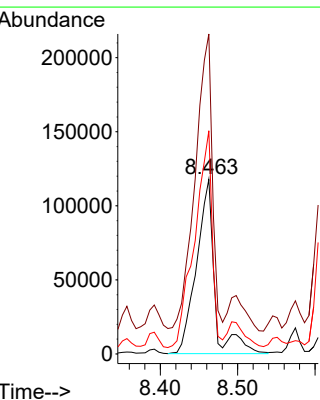
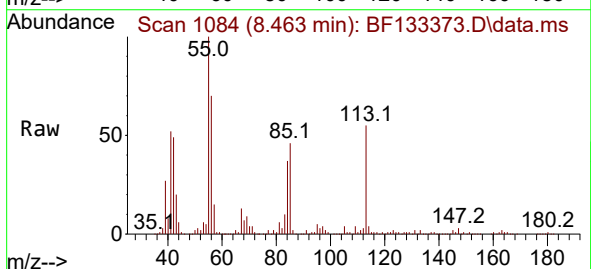
Manual Integrations
APPROVED

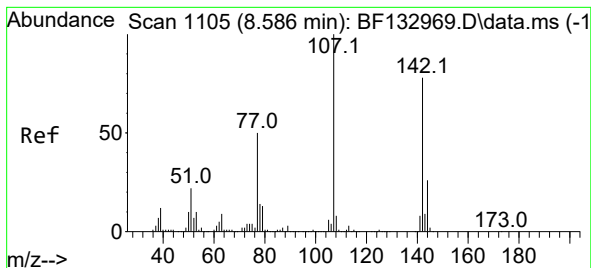
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#35
Caprolactam
Concen: 57.152 ng m
RT: 8.463 min Scan# 1084
Delta R.T. 0.006 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

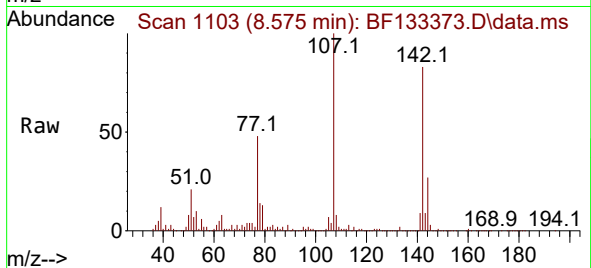
Tgt Ion:113 Resp: 191393
Ion Ratio Lower Upper
113 100
55 183.3 167.1 207.1
56 127.8 114.5 154.5





#36
4-Chloro-3-methylphenol
Concen: 48.048 ng
RT: 8.575 min Scan# 1103
Delta R.T. 0.006 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

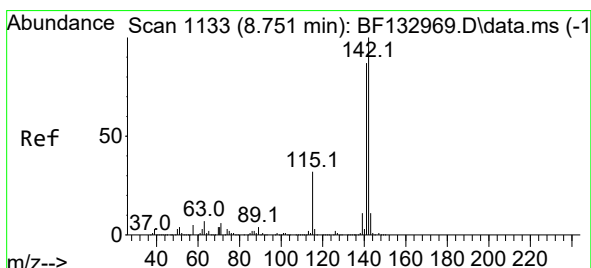
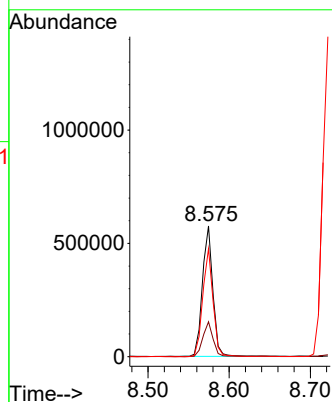
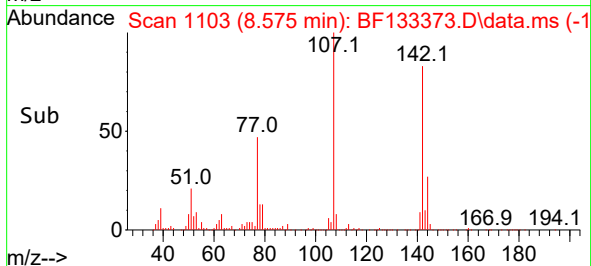
Instrument :
BNA_F
ClientSampleId :
HR-2-051123MSD



Tgt Ion:107 Resp: 516510
Ion Ratio Lower Upper
107 100
144 26.7 20.6 30.8
142 82.6 62.8 94.2

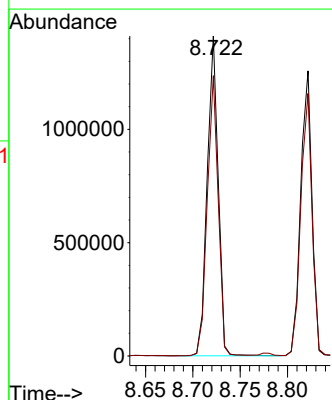
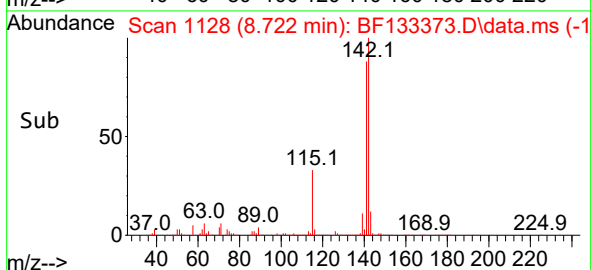
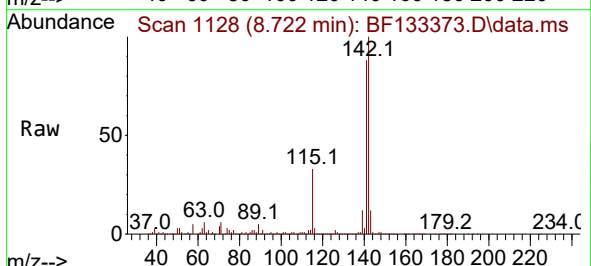
Manual Integrations
APPROVED

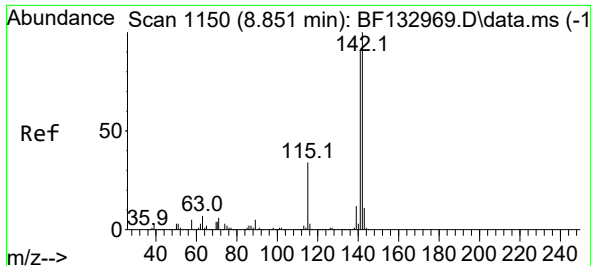
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#37
2-Methylnaphthalene
Concen: 47.169 ng
RT: 8.722 min Scan# 1128
Delta R.T. -0.000 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

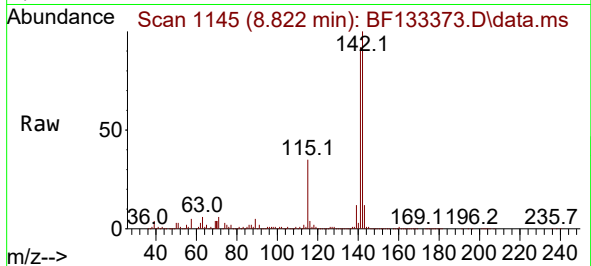
Tgt Ion:142 Resp: 1137095
Ion Ratio Lower Upper
142 100
141 87.6 69.4 104.0





#38
1-Methylnaphthalene
Concen: 46.260 ng
RT: 8.822 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

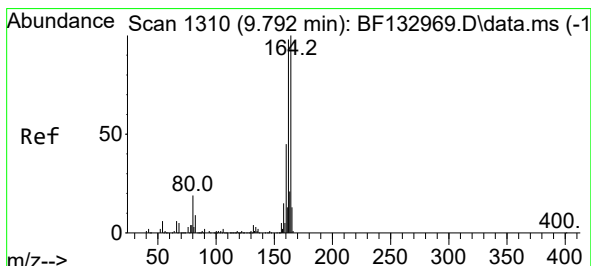
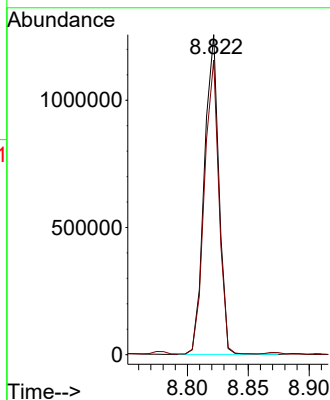
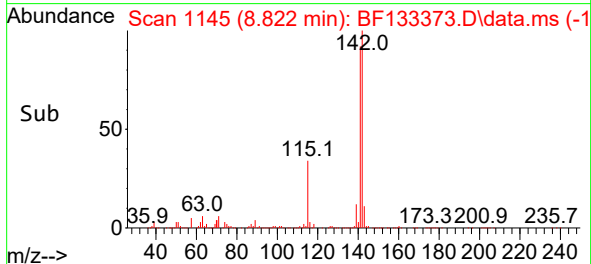
Instrument :
BNA_F
ClientSampleId :
HR-2-051123MSD



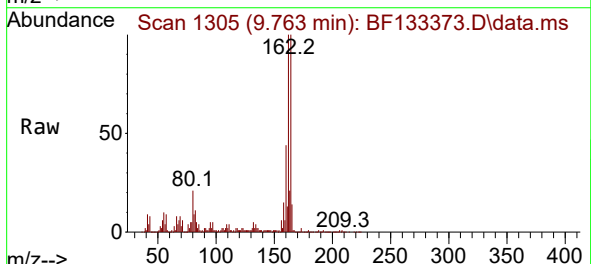
Tgt Ion:142 Resp: 1043228
Ion Ratio Lower Upper
142 100
141 92.1 73.1 109.7

Manual Integrations
APPROVED

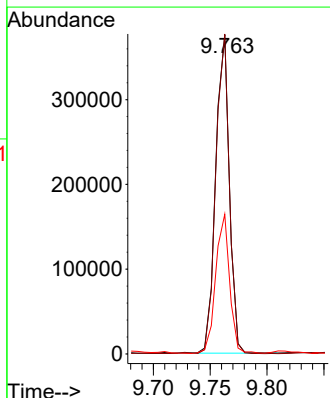
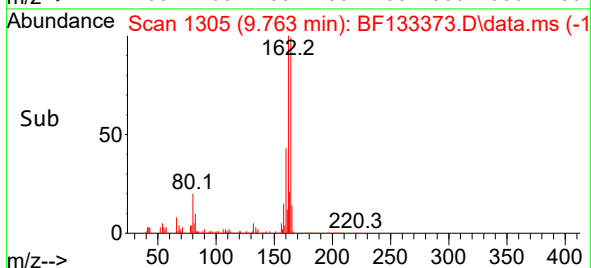
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

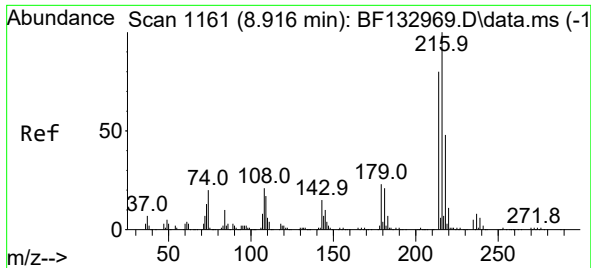


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.006 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12



Tgt Ion:164 Resp: 315556
Ion Ratio Lower Upper
164 100
162 100.3 78.7 118.1
160 43.8 35.8 53.6





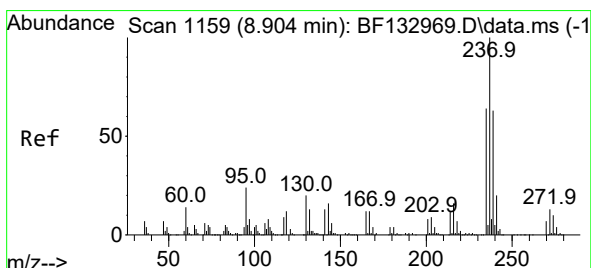
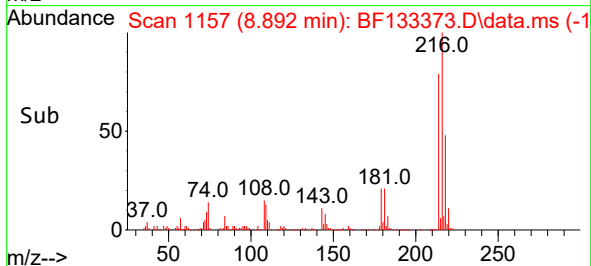
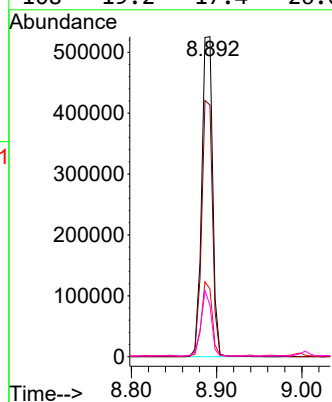
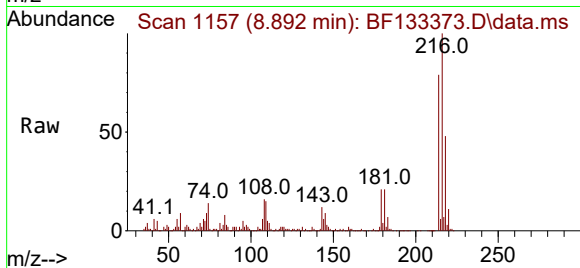
#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.074 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.006 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

Instrument :
BNA_F
ClientSampleId :
HR-2-051123MSD

Tgt Ion:216 Resp: 467268
Ion Ratio Lower Upper
216 100
214 79.7 63.5 95.3
179 22.4 17.4 26.2
108 19.2 17.4 26.0

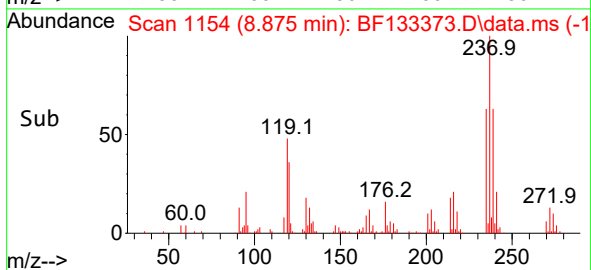
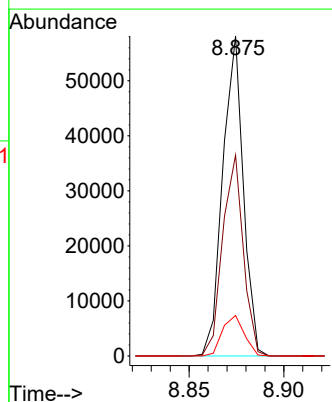
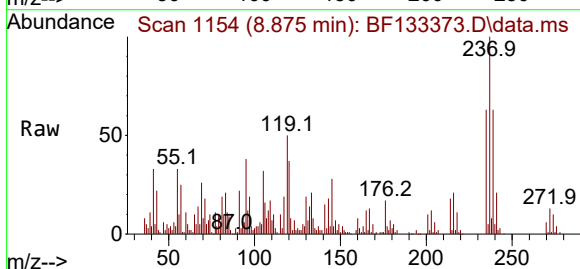
Manual Integrations
APPROVED

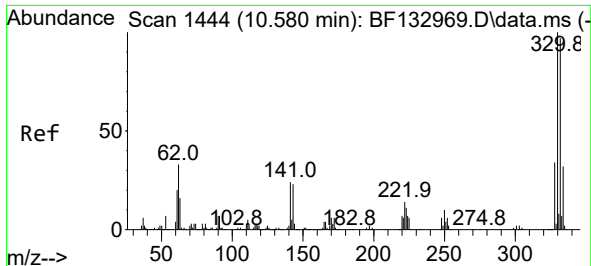
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#41
Hexachlorocyclopentadiene
Concen: 8.878 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

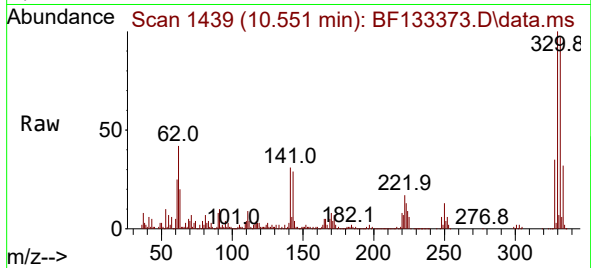
Tgt Ion:237 Resp: 43932
Ion Ratio Lower Upper
237 100
235 62.8 43.5 83.5
272 12.7 0.0 32.7





#42
2,4,6-Tribromophenol
Concen: 83.887 ng
RT: 10.551 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

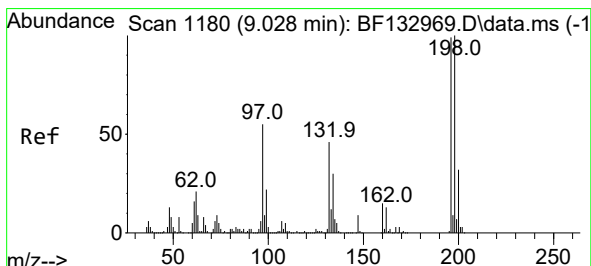
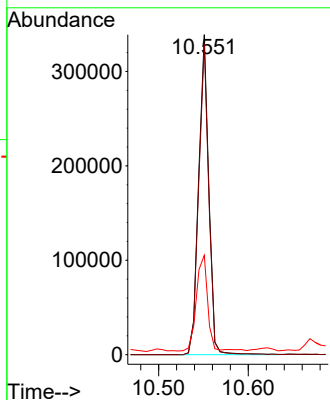
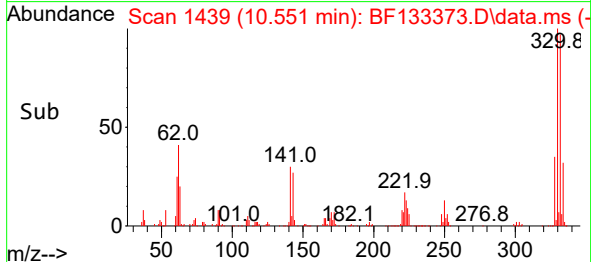
Instrument :
BNA_F
ClientSampleId :
HR-2-051123MSD



Tgt Ion:330 Resp: 266210
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 32.9 25.8 38.8

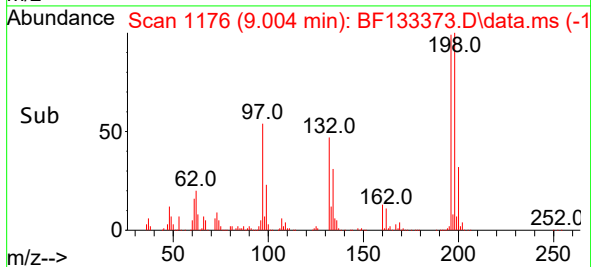
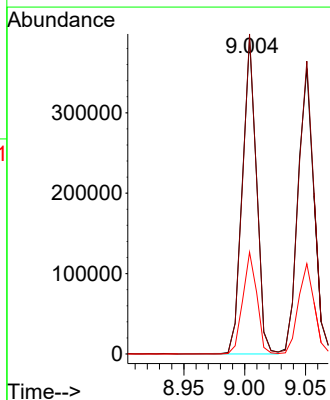
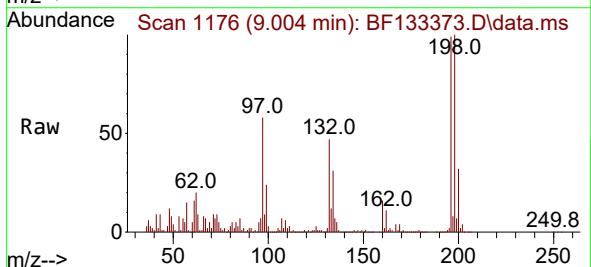
Manual Integrations
APPROVED

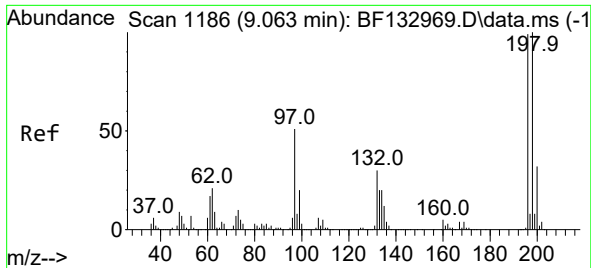
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#43
2,4,6-Trichlorophenol
Concen: 54.389 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.006 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

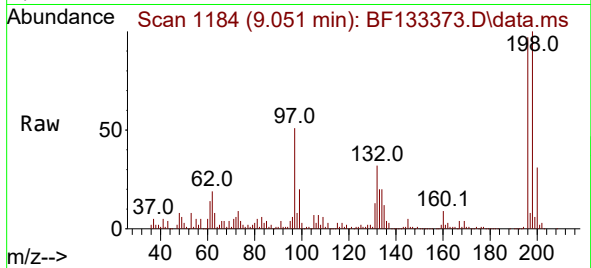
Tgt Ion:196 Resp: 319128
Ion Ratio Lower Upper
196 100
198 101.1 81.0 121.6
200 32.2 26.1 39.1





#44
2,4,5-Trichlorophenol
Concen: 48.066 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

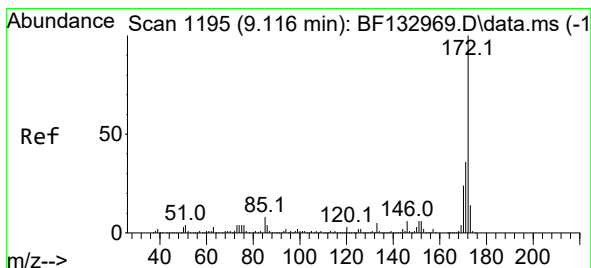
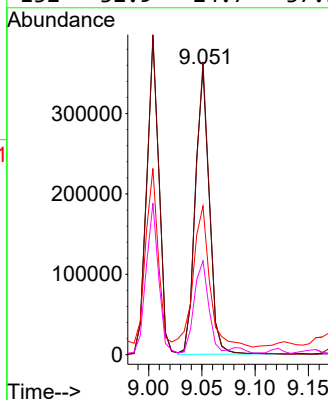
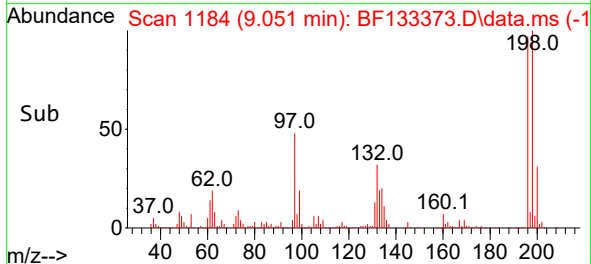
Instrument :
BNA_F
ClientSampleId :
HR-2-051123MSD



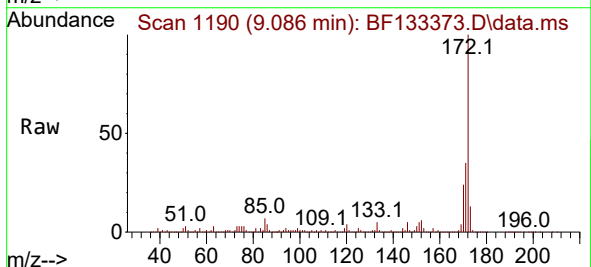
Tgt Ion:196 Resp: 326178
Ion Ratio Lower Upper
196 100
198 102.6 80.9 121.3
97 52.1 41.3 61.9
132 32.9 24.7 37.1

Manual Integrations
APPROVED

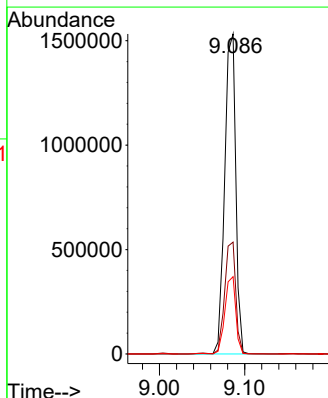
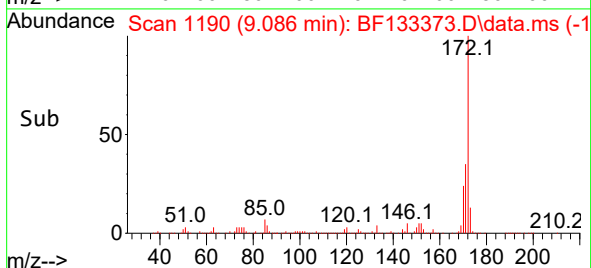
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

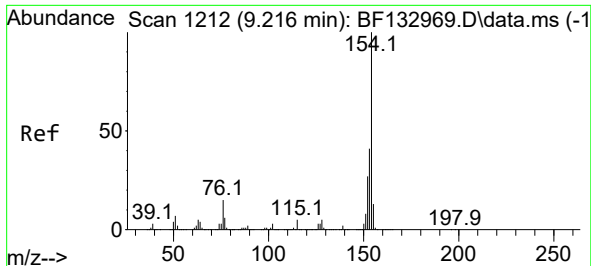


#45
2-Fluorobiphenyl
Concen: 73.494 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12



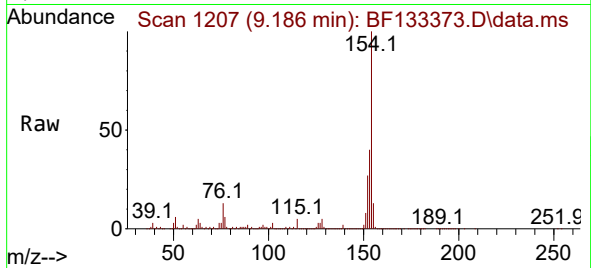
Tgt Ion:172 Resp: 1386226
Ion Ratio Lower Upper
172 100
171 34.9 28.8 43.2
170 24.1 19.4 29.2





#46
1,1'-Biphenyl
Concen: 53.866 ng
RT: 9.186 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

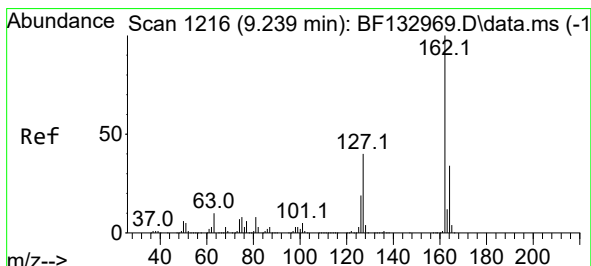
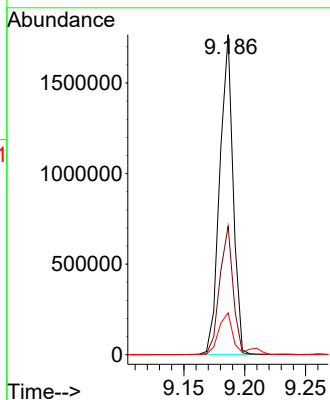
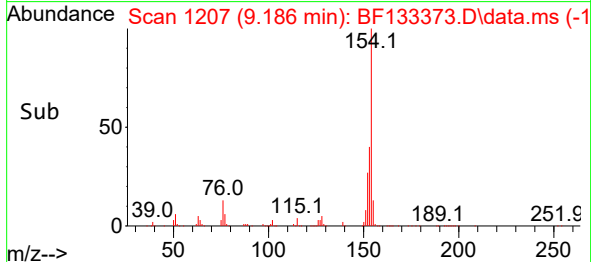
Instrument :
BNA_F
ClientSampleId :
HR-2-051123MSD



Tgt Ion:154 Resp: 1347849
Ion Ratio Lower Upper
154 100
153 40.1 21.0 61.0
76 13.0 0.0 34.5

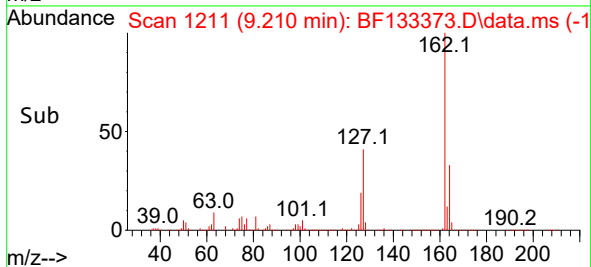
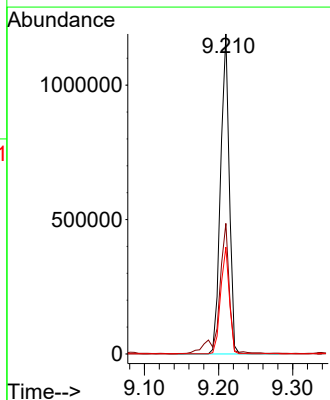
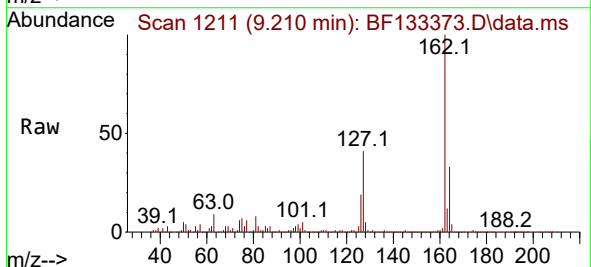
Manual Integrations
APPROVED

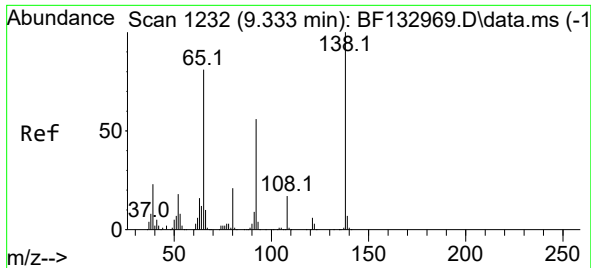
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#47
2-Chloronaphthalene
Concen: 53.258 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.000 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

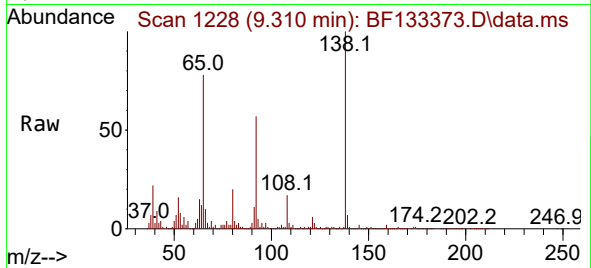
Tgt Ion:162 Resp: 975391
Ion Ratio Lower Upper
162 100
127 40.8 32.3 48.5
164 33.4 26.8 40.2





#48
2-Nitroaniline
Concen: 52.862 ng
RT: 9.310 min Scan# 1228
Delta R.T. 0.006 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

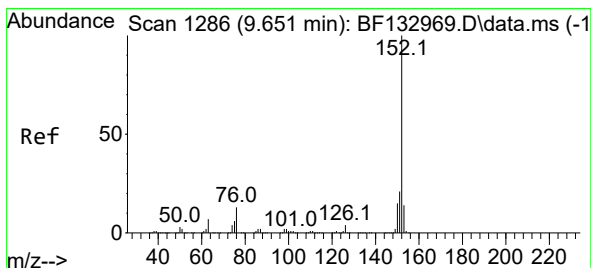
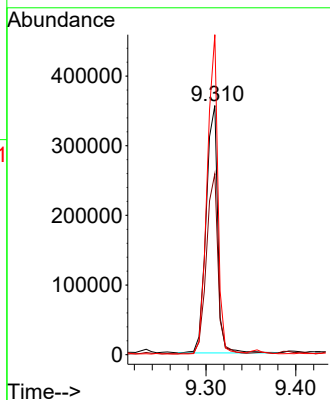
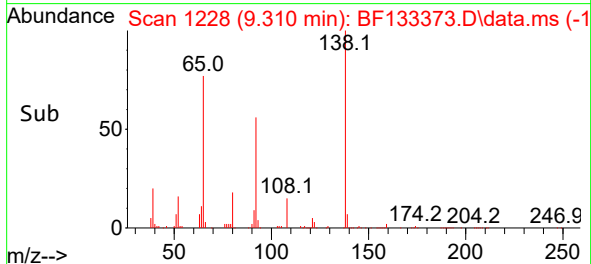
Instrument :
BNA_F
ClientSampleId :
HR-2-051123MSD



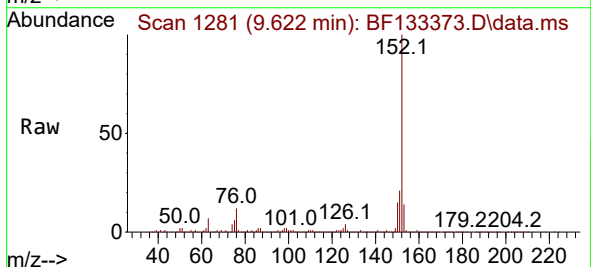
Tgt Ion: 65 Resp: 319969
Ion Ratio Lower Upper
65 100
92 72.6 55.4 83.0
138 128.4 98.2 147.2

Manual Integrations
APPROVED

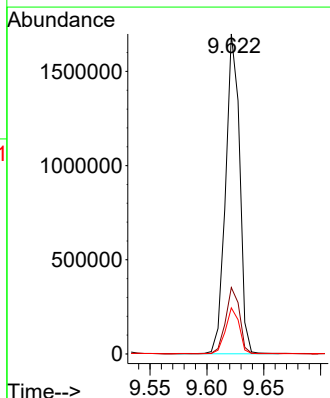
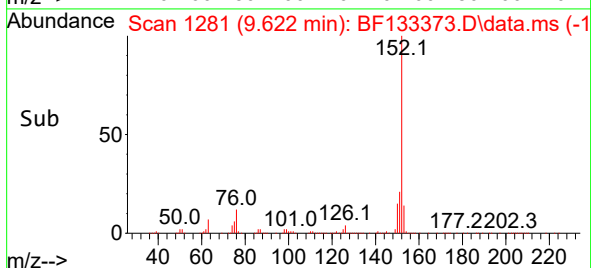
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

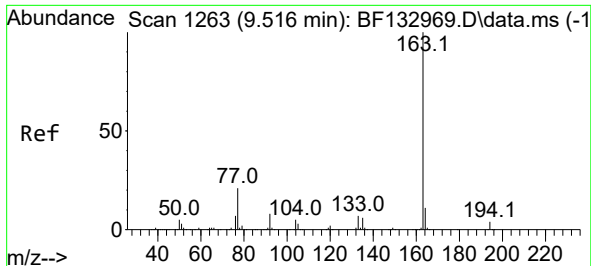


#49
Acenaphthylene
Concen: 49.987 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12



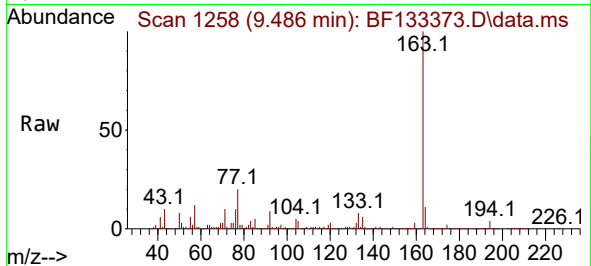
Tgt Ion:152 Resp: 1462812
Ion Ratio Lower Upper
152 100
151 20.8 16.6 24.8
153 14.4 11.5 17.3





#50
Dimethylphthalate
Concen: 53.572 ng
RT: 9.486 min Scan# 117875
Delta R.T. -0.000 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

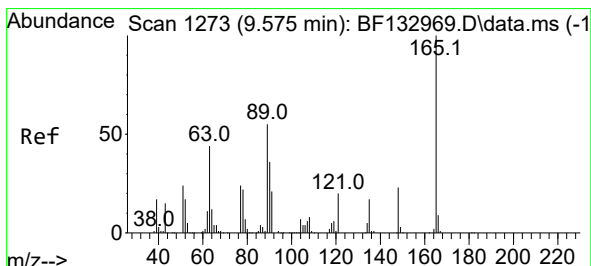
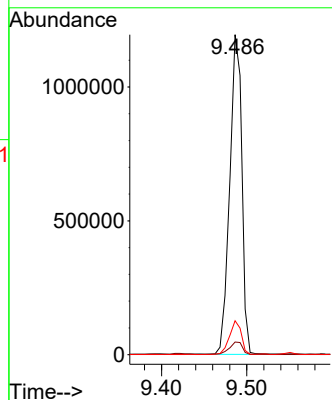
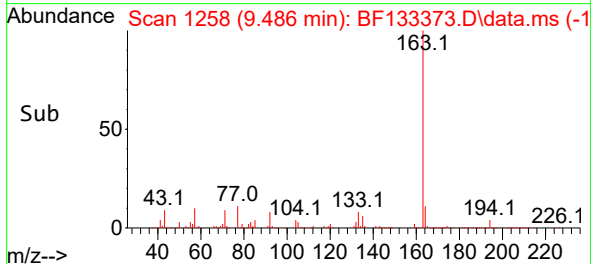
Instrument :
BNA_F
ClientSampleId :
HR-2-051123MSD



Tgt Ion:163 Resp: 117875
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.6 8.5 12.7

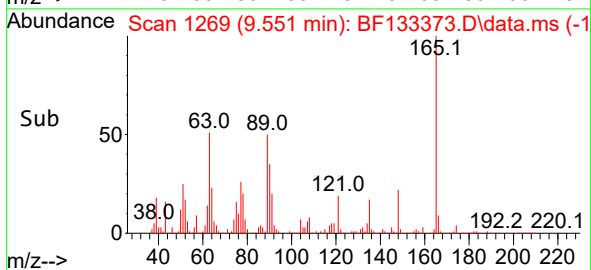
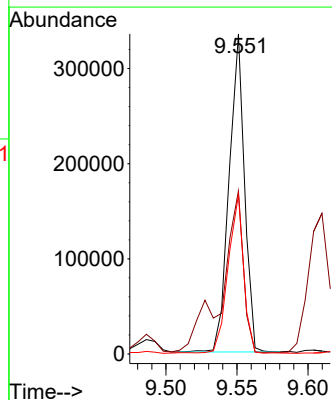
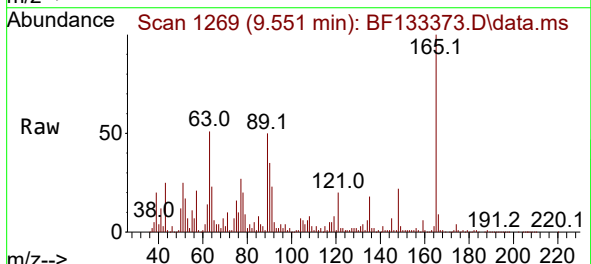
Manual Integrations
APPROVED

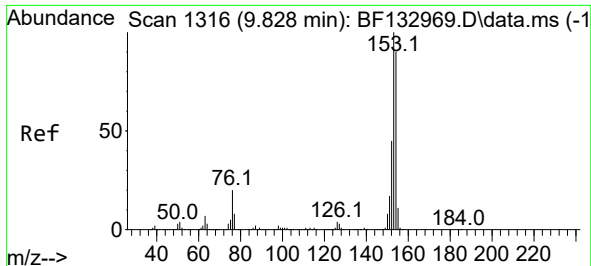
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#51
2,6-Dinitrotoluene
Concen: 50.771 ng
RT: 9.551 min Scan# 1269
Delta R.T. 0.006 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

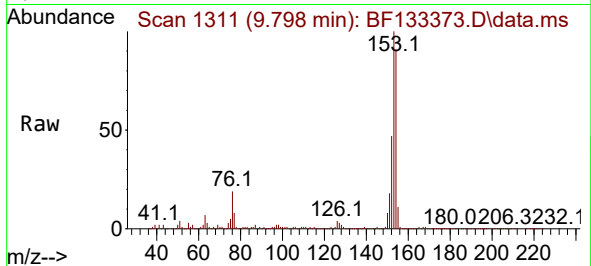
Tgt Ion:165 Resp: 251436
Ion Ratio Lower Upper
165 100
63 51.0 45.9 68.9
89 49.7 44.0 66.0





#52
Acenaphthene
Concen: 47.476 ng m
RT: 9.798 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

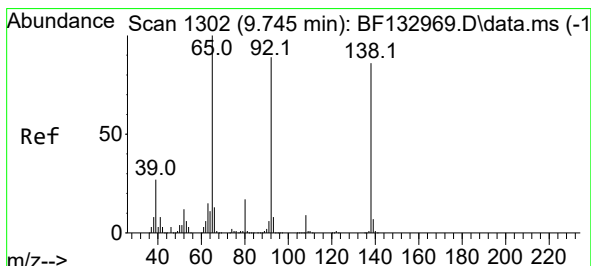
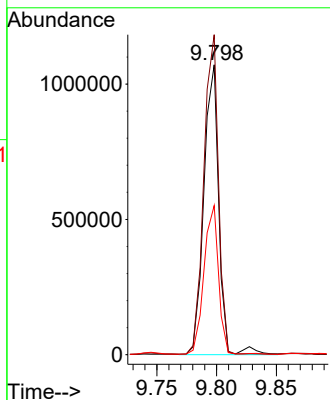
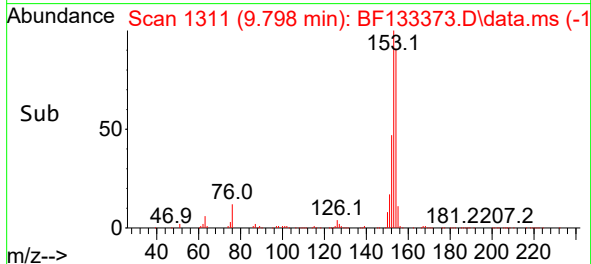
Instrument :
BNA_F
ClientSampleId :
HR-2-051123MSD



Tgt Ion:154 Resp: 930500
Ion Ratio Lower Upper
154 100
153 110.4 89.0 133.6
152 51.4 40.4 60.6

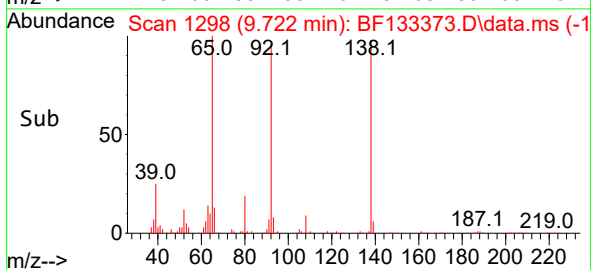
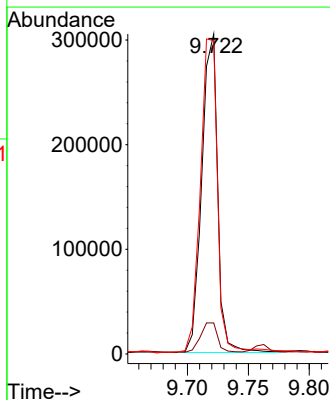
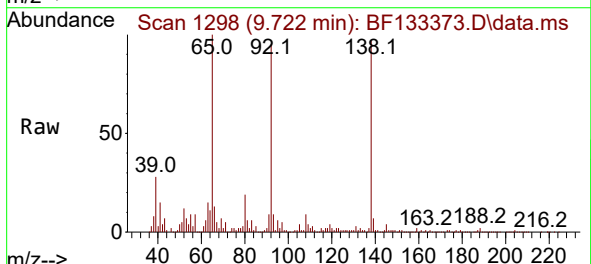
Manual Integrations
APPROVED

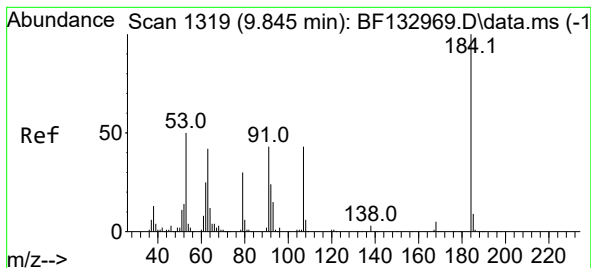
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#53
3-Nitroaniline
Concen: 46.964 ng
RT: 9.722 min Scan# 1298
Delta R.T. 0.006 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

Tgt Ion:138 Resp: 276547
Ion Ratio Lower Upper
138 100
108 9.7 8.0 12.0
92 97.9 83.6 125.4





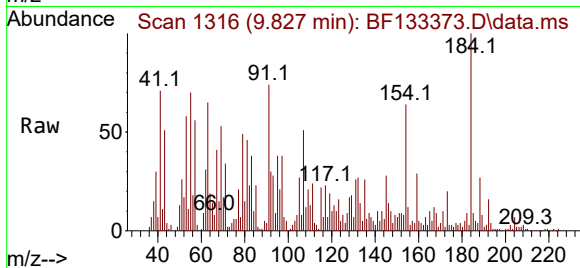
#54
2,4-Dinitrophenol
Concen: 15.887 ng
RT: 9.827 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

Instrument :

BNA_F

ClientSampleId :

HR-2-051123MSD

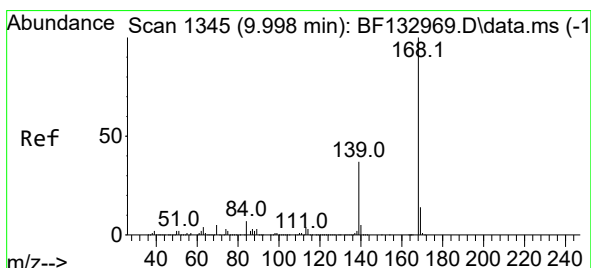
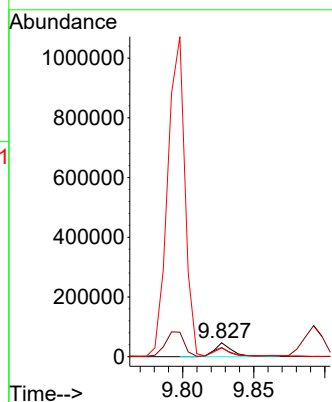
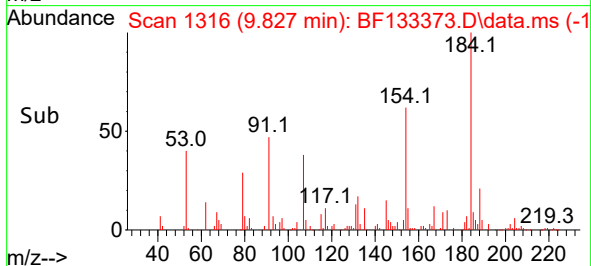


Tgt Ion:184 Resp: 39548
Ion Ratio Lower Upper
184 100
63 65.3 49.8 74.8
154 63.8 49.5 74.3

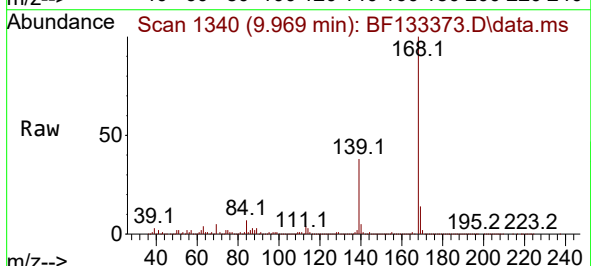
Manual Integrations

APPROVED

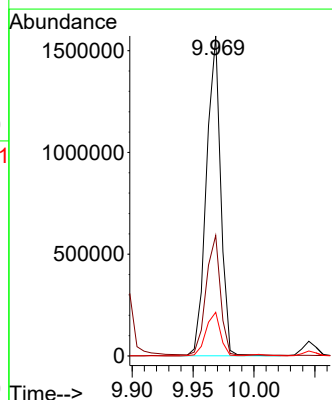
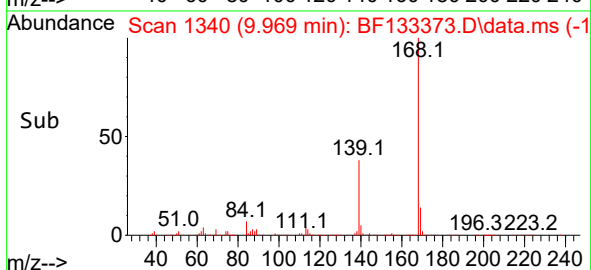
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

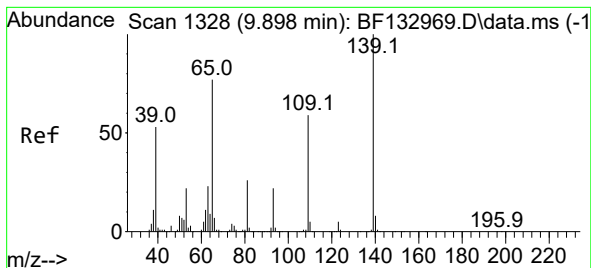


#55
Dibenzofuran
Concen: 47.583 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12



Tgt Ion:168 Resp: 1272157
Ion Ratio Lower Upper
168 100
139 37.6 29.8 44.8
169 13.6 10.8 16.2





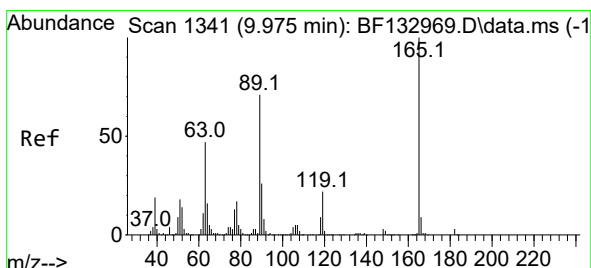
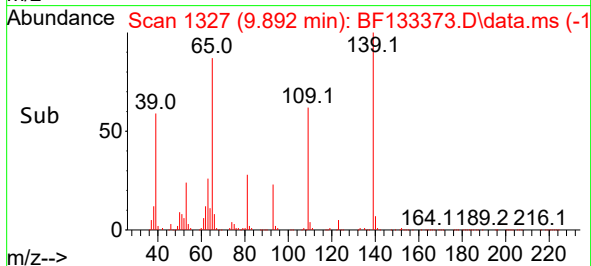
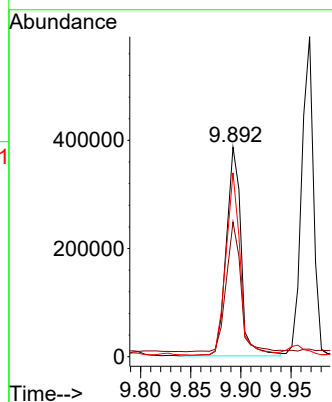
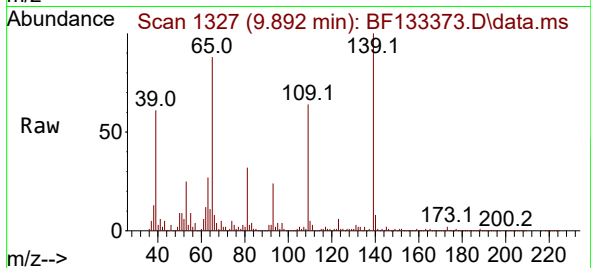
#56
4-Nitrophenol
Concen: 86.299 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

Instrument :
BNA_F
ClientSampleId :
HR-2-051123MSD

Tgt Ion:139 Resp: 39358
Ion Ratio Lower Upper
139 100
109 64.3 39.4 79.4
65 87.8 57.5 97.5

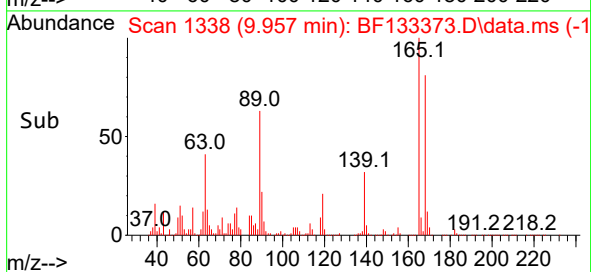
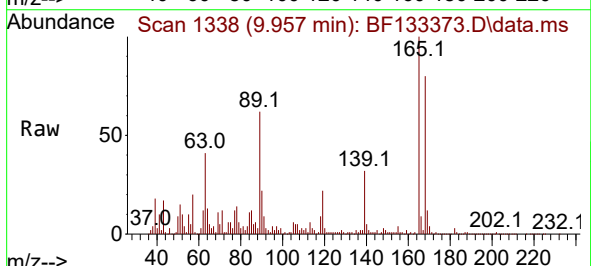
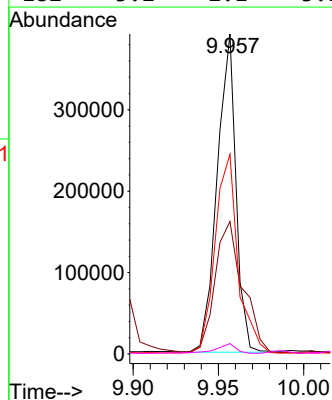
Manual Integrations
APPROVED

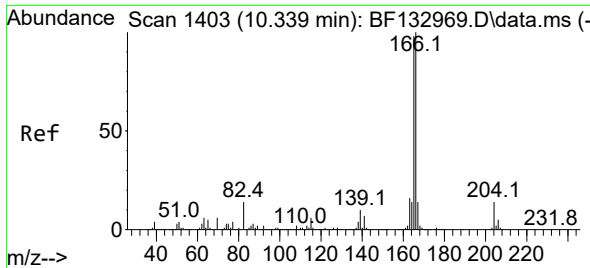
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#57
2,4-Dinitrotoluene
Concen: 47.544 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.006 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

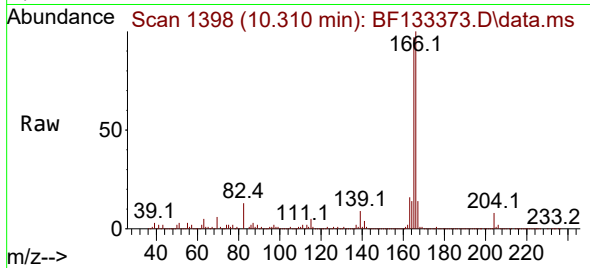
Tgt Ion:165 Resp: 300268
Ion Ratio Lower Upper
165 100
63 41.4 37.7 56.5
89 62.4 57.0 85.4
182 3.2 2.1 3.1#





#58
Fluorene
Concen: 48.454 ng
RT: 10.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

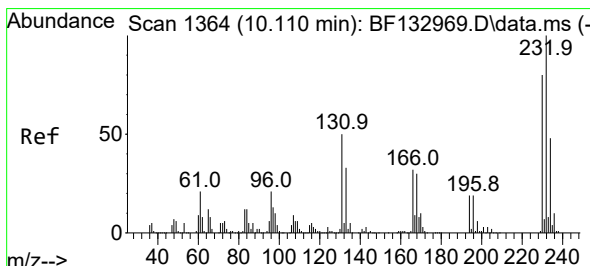
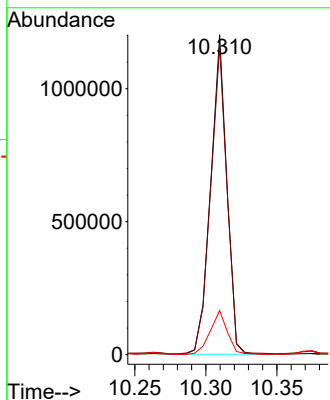
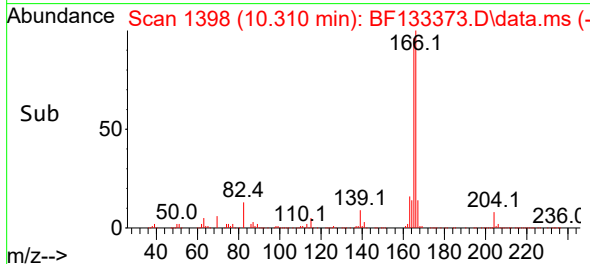
Instrument :
BNA_F
ClientSampleId :
HR-2-051123MSD



Tgt Ion:166 Resp: 94910
Ion Ratio Lower Upper
166 100
165 96.5 78.6 117.8
167 13.8 11.0 16.4

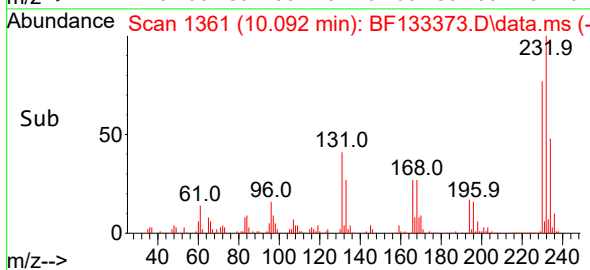
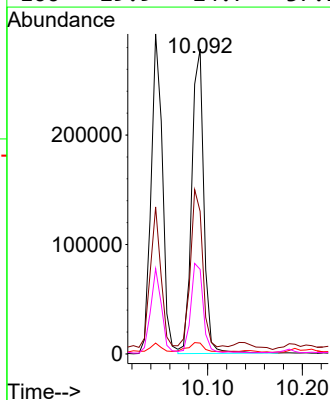
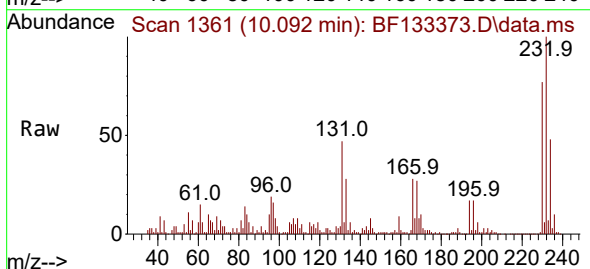
Manual Integrations
APPROVED

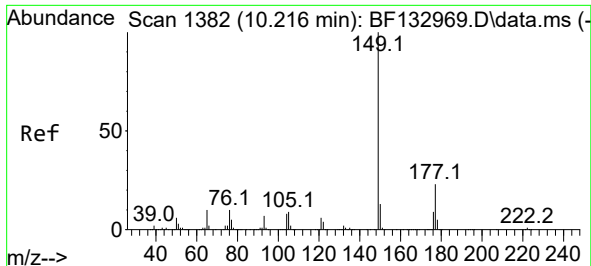
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#59
2,3,4,6-Tetrachlorophenol
Concen: 47.109 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

Tgt Ion:232 Resp: 247838
Ion Ratio Lower Upper
232 100
131 53.5 38.0 57.0
130 3.9 1.8 2.8#
166 29.9 24.7 37.1





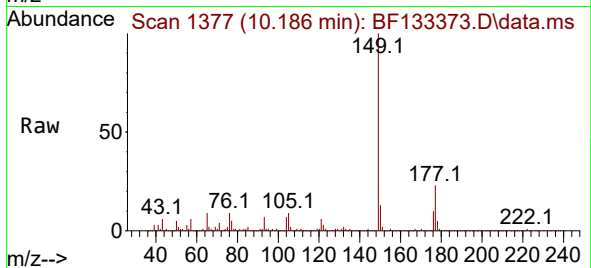
#60
Diethylphthalate
Concen: 50.122 ng
RT: 10.186 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

Instrument :

BNA_F

ClientSampleId :

HR-2-051123MSD

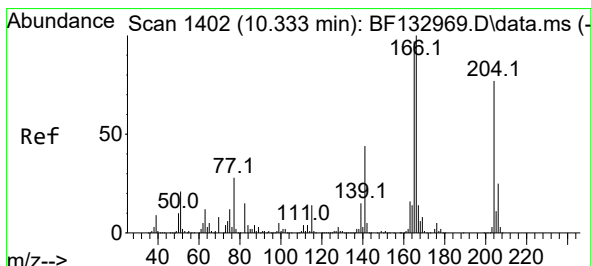
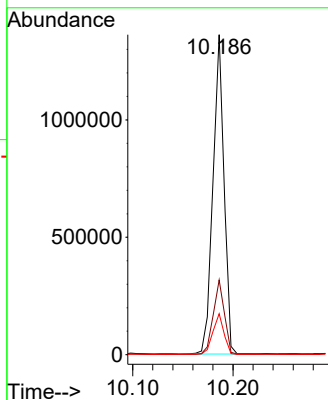
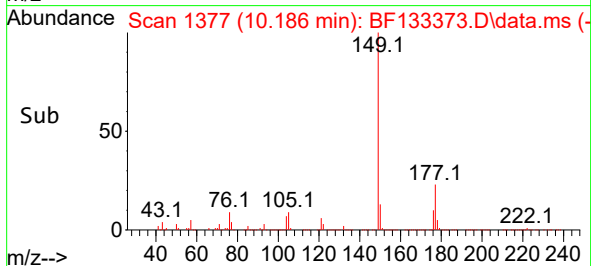


Tgt Ion:149 Resp: 1041710
Ion Ratio Lower Upper
149 100
177 23.4 18.2 27.4
150 12.8 10.2 15.4

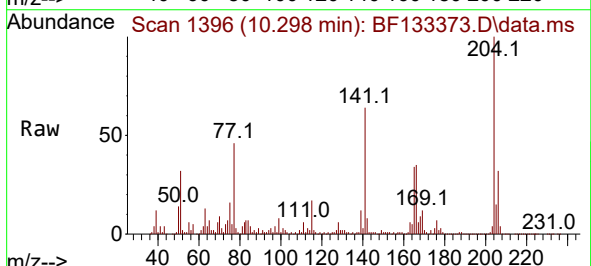
Manual Integrations

APPROVED

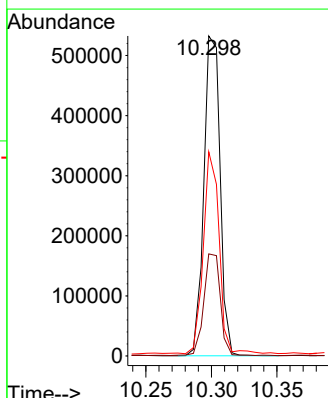
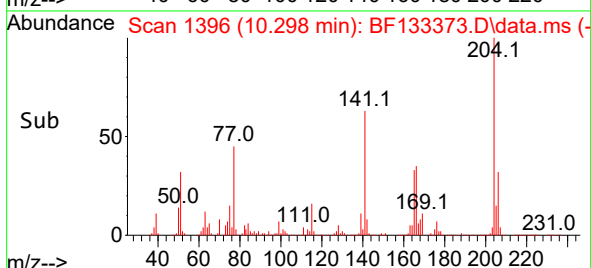
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

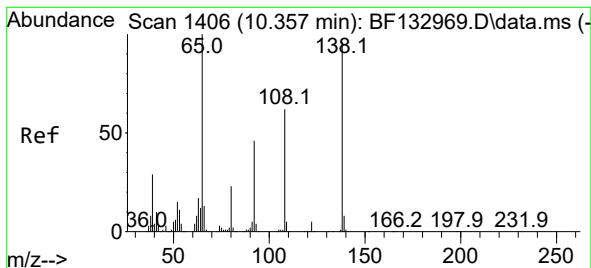


#61
4-Chlorophenyl-phenylether
Concen: 48.306 ng
RT: 10.298 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12



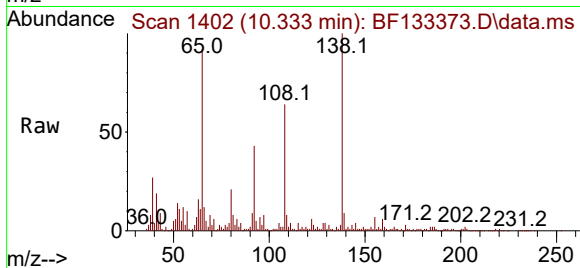
Tgt Ion:204 Resp: 461100
Ion Ratio Lower Upper
204 100
206 31.9 26.1 39.1
141 63.8 46.1 69.1





#62
4-Nitroaniline
Concen: 45.917 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

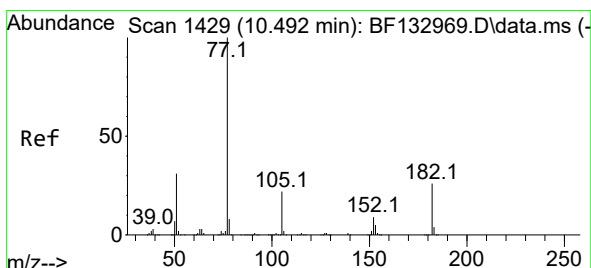
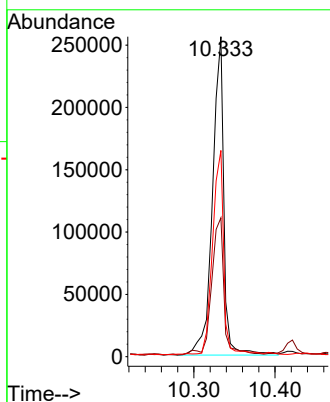
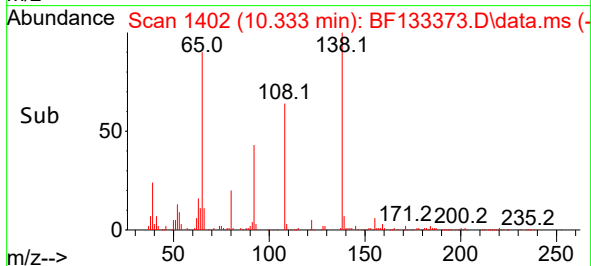
Instrument :
BNA_F
ClientSampleId :
HR-2-051123MSD



Tgt Ion:138 Resp: 248500
Ion Ratio Lower Upper
138 100
92 43.4 27.7 67.7
108 64.4 45.2 85.2

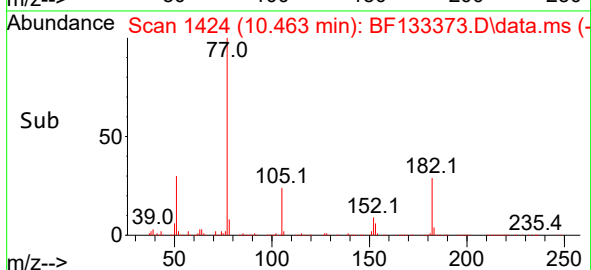
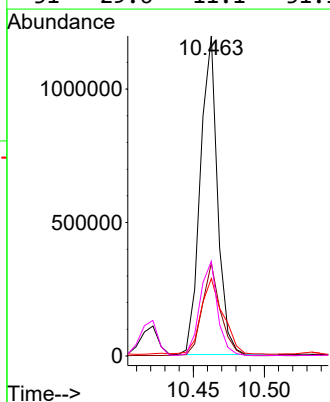
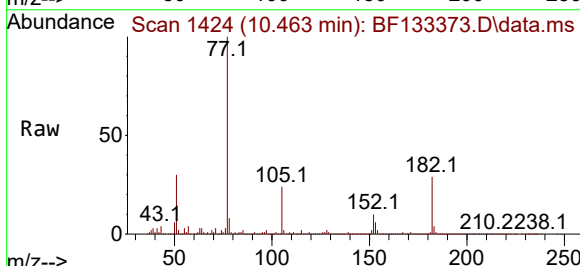
Manual Integrations
APPROVED

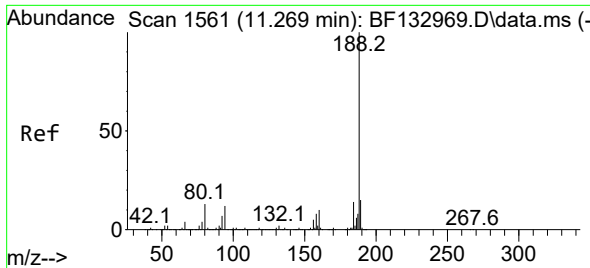
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#63
Azobenzene
Concen: 45.752 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

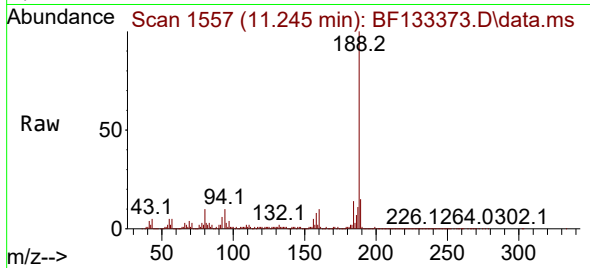
Tgt Ion: 77 Resp: 1007294
Ion Ratio Lower Upper
77 100
182 29.0 5.9 45.9
105 24.2 2.3 42.3
51 29.6 11.1 51.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

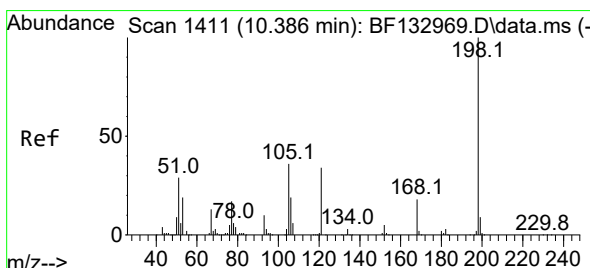
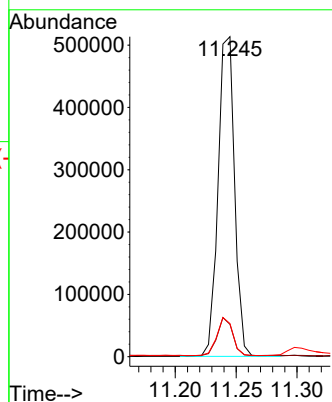
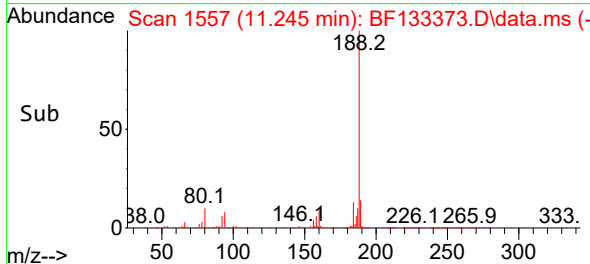
Instrument :
BNA_F
ClientSampleId :
HR-2-051123MSD



Tgt Ion:188 Resp: 486830
Ion Ratio Lower Upper
188 100
94 10.1 9.7 14.5
80 10.3 10.4 15.6

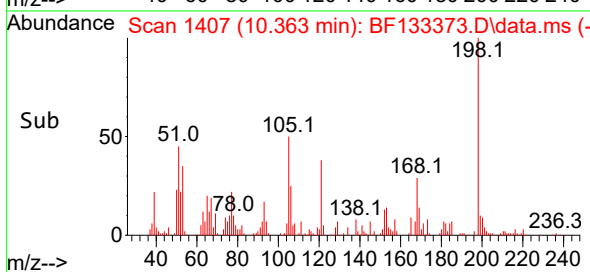
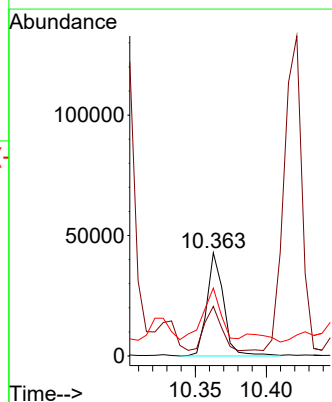
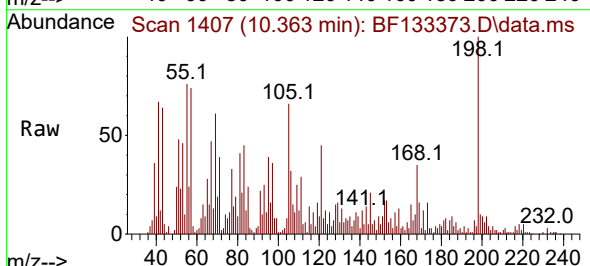
Manual Integrations
APPROVED

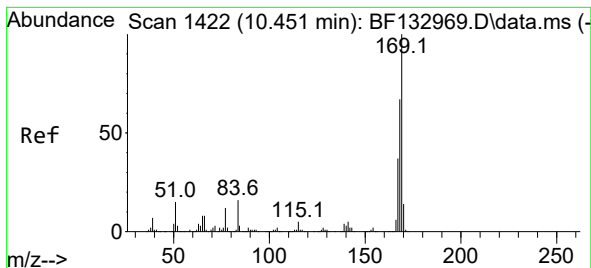
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#65
4,6-Dinitro-2-methylphenol
Concen: 11.857 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

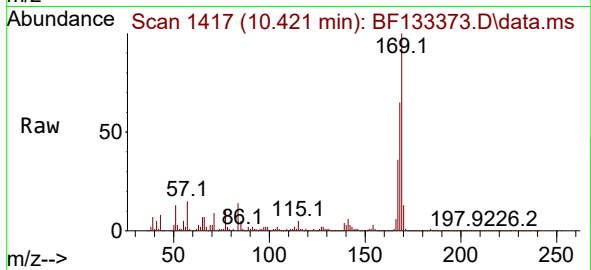
Tgt Ion:198 Resp: 34988
Ion Ratio Lower Upper
198 100
51 48.1 15.5 55.5
105 65.7 16.7 56.7





#66
n-Nitrosodiphenylamine
Concen: 53.370 ng
RT: 10.421 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

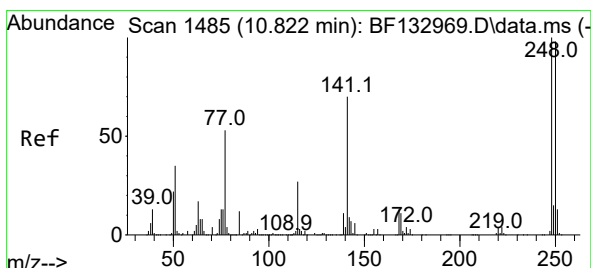
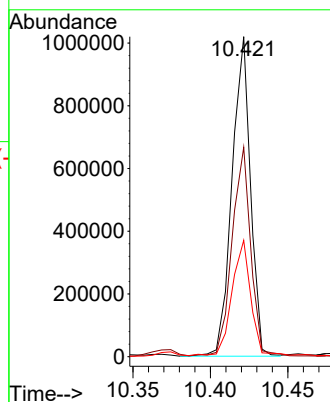
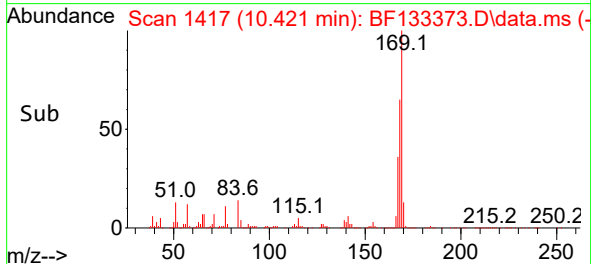
Instrument :
BNA_F
ClientSampleId :
HR-2-051123MSD



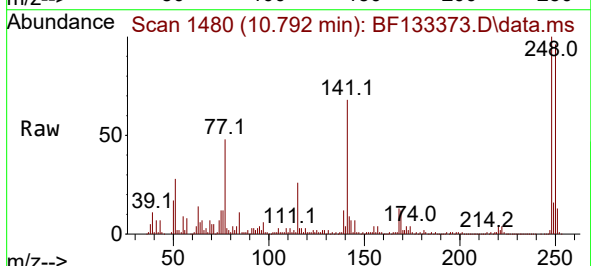
Tgt Ion:169 Resp: 842780
Ion Ratio Lower Upper
169 100
168 65.5 53.8 80.8
167 36.3 29.7 44.5

Manual Integrations
APPROVED

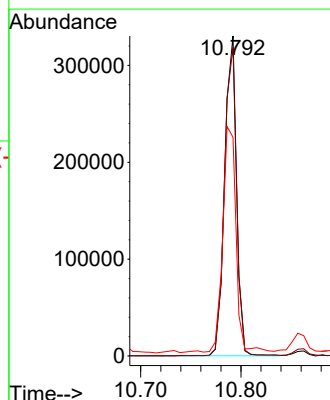
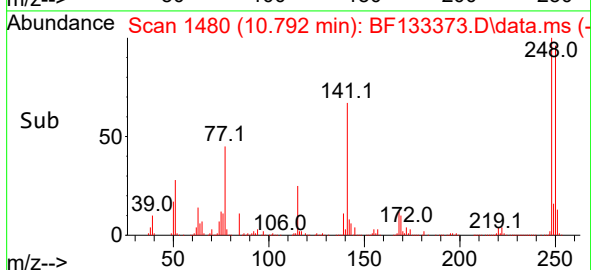
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

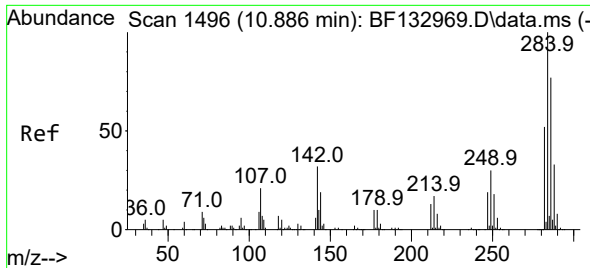


#67
4-Bromophenyl-phenylether
Concen: 51.538 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.006 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12



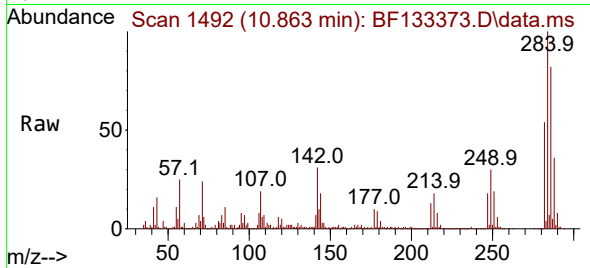
Tgt Ion:248 Resp: 272116
Ion Ratio Lower Upper
248 100
250 96.4 78.7 118.1
141 68.4 56.3 84.5





#68
Hexachlorobenzene
Concen: 51.940 ng
RT: 10.863 min Scan# 1492
Delta R.T. 0.006 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

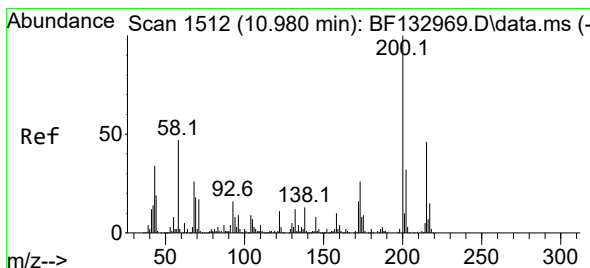
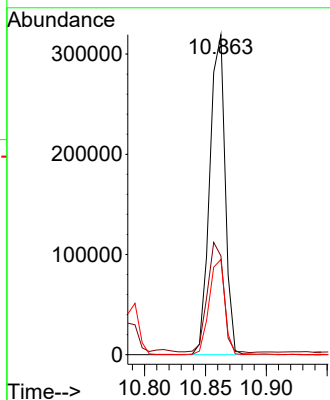
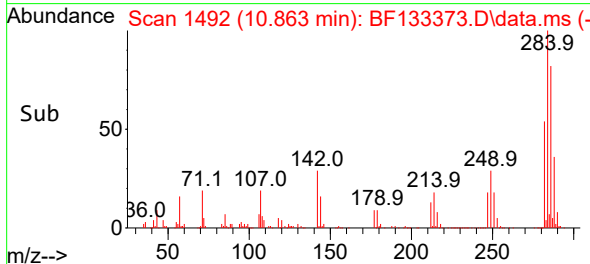
Instrument :
BNA_F
ClientSampleId :
HR-2-051123MSD



Tgt Ion:284 Resp: 28101
Ion Ratio Lower Upper
284 100
142 30.9 26.0 39.0
249 29.8 23.7 35.5

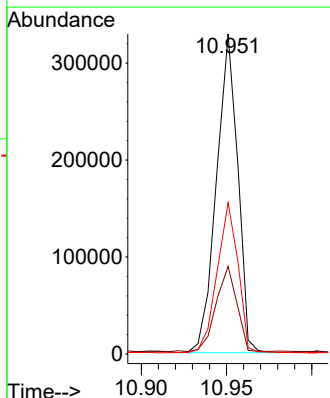
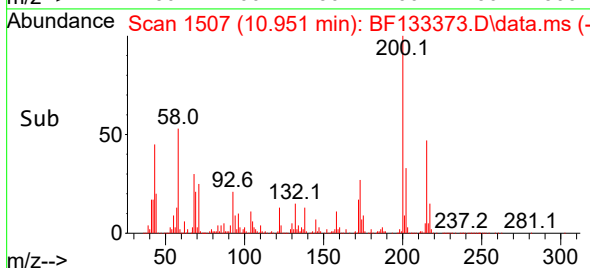
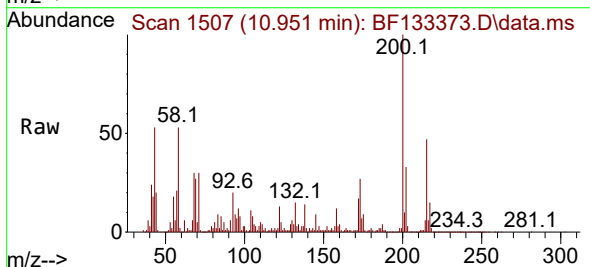
Manual Integrations
APPROVED

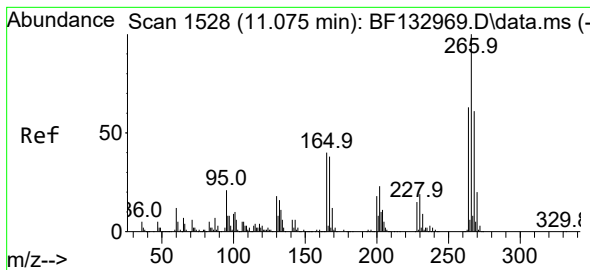
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#69
Atrazine
Concen: 62.849 ng
RT: 10.951 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

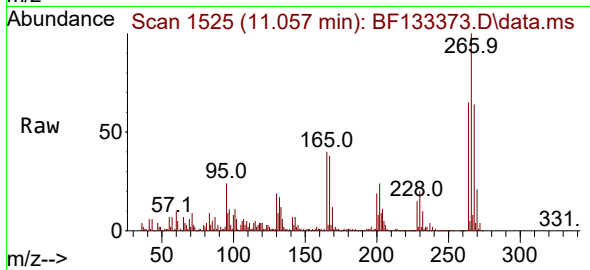
Tgt Ion:200 Resp: 285977
Ion Ratio Lower Upper
200 100
173 27.4 6.2 46.2
215 47.3 26.3 66.3





#70
Pentachlorophenol
Concen: 80.824 ng
RT: 11.057 min Scan# 1528
Delta R.T. 0.006 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

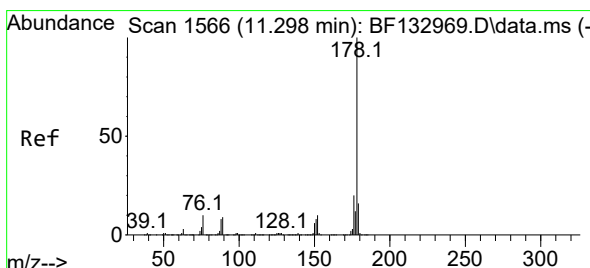
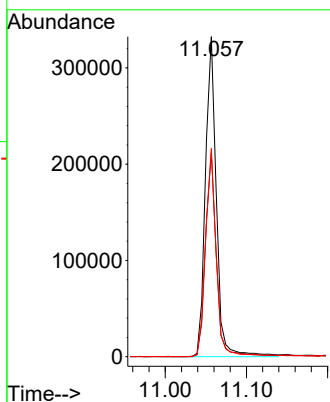
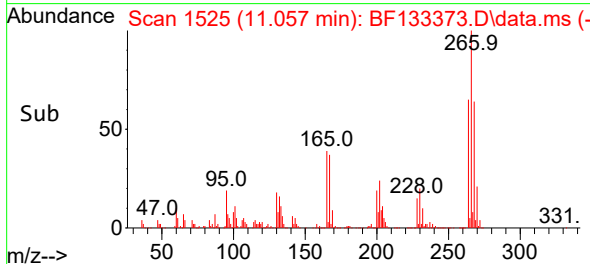
Instrument :
BNA_F
ClientSampleId :
HR-2-051123MSD



Tgt Ion:266 Resp: 311428
Ion Ratio Lower Upper
266 100
268 63.7 48.8 73.2
264 65.1 50.6 76.0

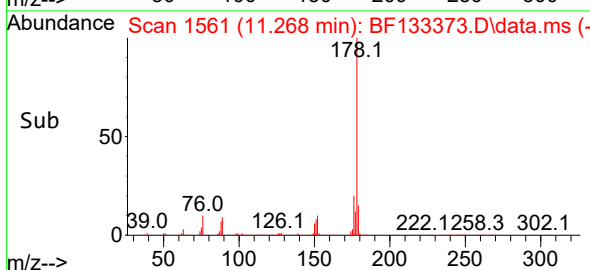
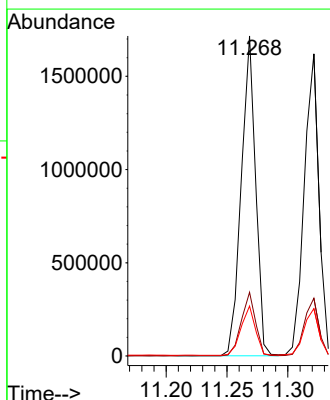
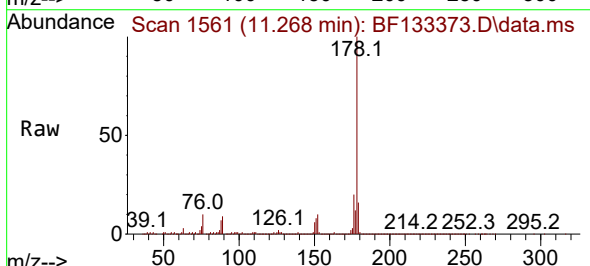
Manual Integrations
APPROVED

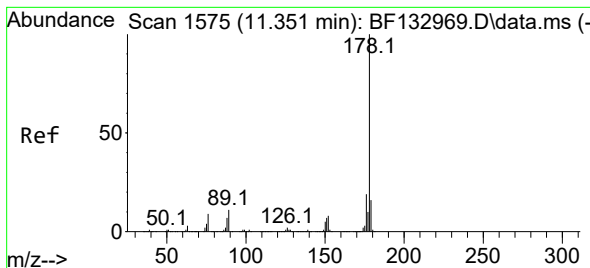
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#71
Phenanthrene
Concen: 53.964 ng
RT: 11.268 min Scan# 1561
Delta R.T. -0.000 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

Tgt Ion:178 Resp: 1412005
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 15.6 12.5 18.7





#72

Anthracene

Concen: 51.275 ng

RT: 11.321 min Scan# 1596

Delta R.T. 0.006 min

Lab File: BF133373.D

Acq: 12 May 2023 17:12

Instrument :

BNA_F

ClientSampleId :

HR-2-051123MSD

Tgt Ion:178 Resp: 1373029

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

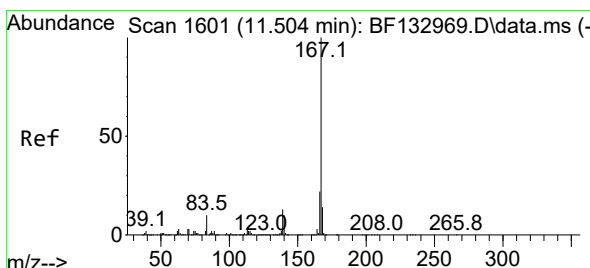
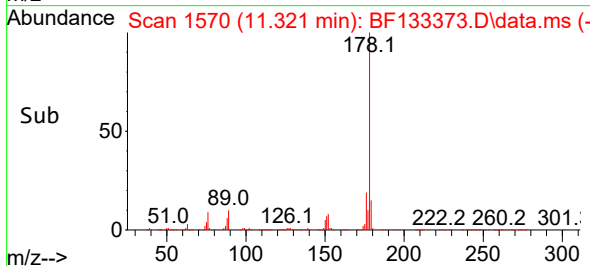
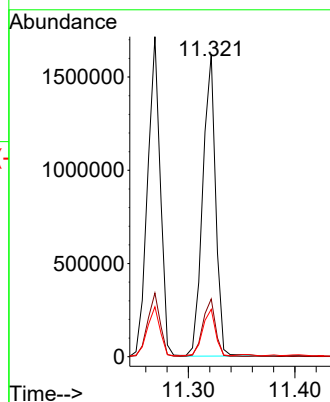
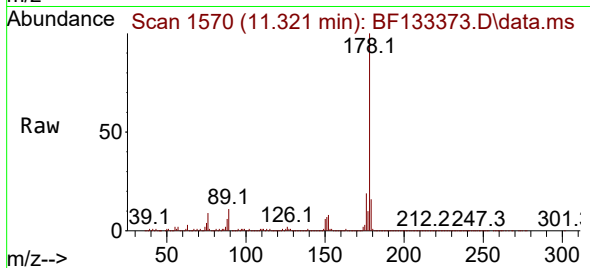
179 15.7 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023

Supervised By :Yogesh Patel 05/16/2023



#73

Carbazole

Concen: 52.574 ng

RT: 11.474 min Scan# 1596

Delta R.T. -0.000 min

Lab File: BF133373.D

Acq: 12 May 2023 17:12

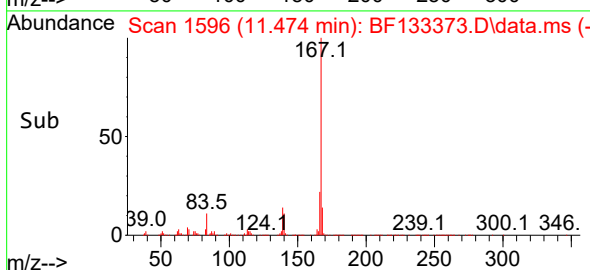
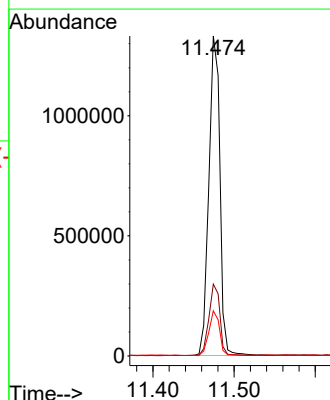
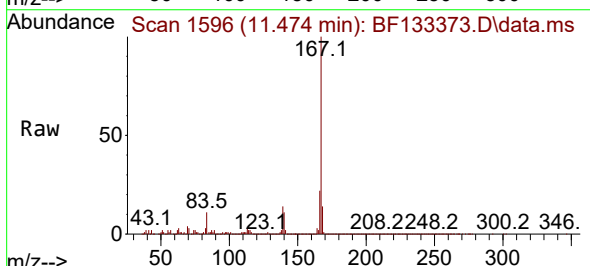
Tgt Ion:167 Resp: 1253556

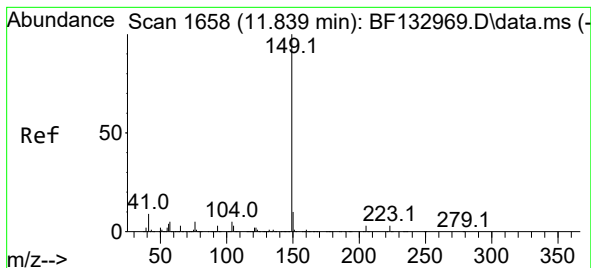
Ion Ratio Lower Upper

167 100

166 22.4 17.4 26.0

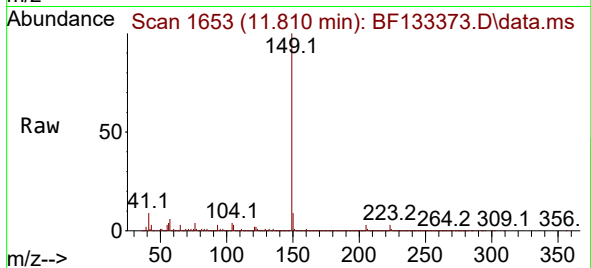
139 14.1 10.6 16.0





#74
Di-n-butylphthalate
Concen: 54.782 ng
RT: 11.810 min Scan# 1653
Delta R.T. 0.006 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

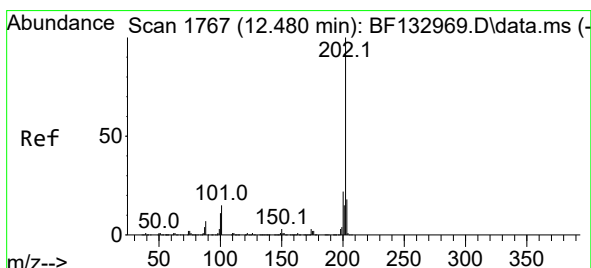
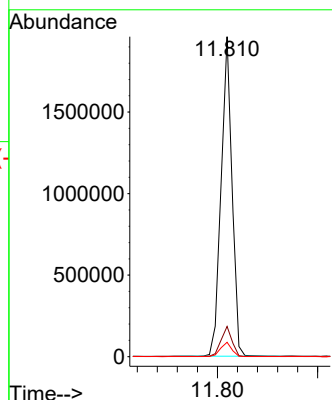
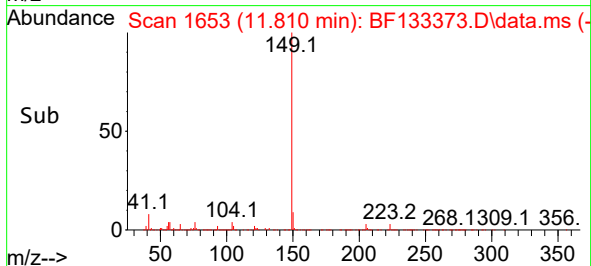
Instrument :
BNA_F
ClientSampleId :
HR-2-051123MSD



Tgt Ion:149 Resp: 1478184
Ion Ratio Lower Upper
149 100
150 9.5 7.6 11.4
104 4.5 4.0 6.0

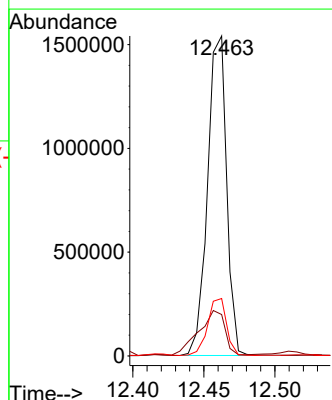
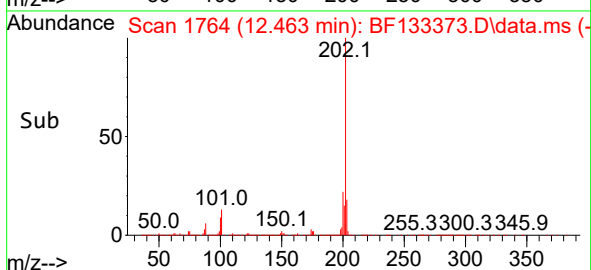
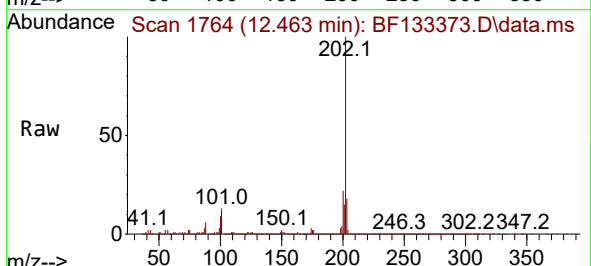
Manual Integrations
APPROVED

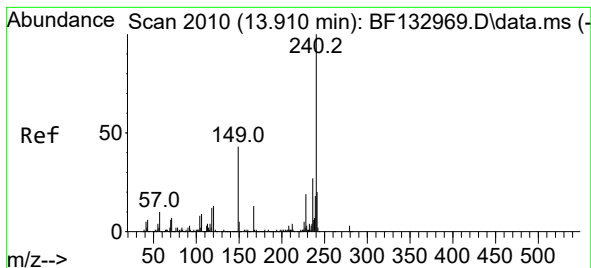
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#75
Fluoranthene
Concen: 55.066 ng
RT: 12.463 min Scan# 1764
Delta R.T. 0.012 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

Tgt Ion:202 Resp: 1446040
Ion Ratio Lower Upper
202 100
101 13.0 0.0 35.3
203 18.0 0.0 38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.886 min Scan# 2010

Delta R.T. 0.006 min

Lab File: BF133373.D

Acq: 12 May 2023 17:12

Instrument :

BNA_F

ClientSampleId :

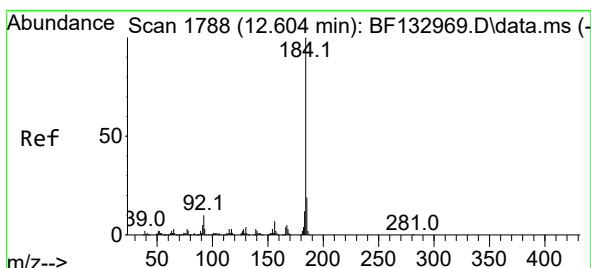
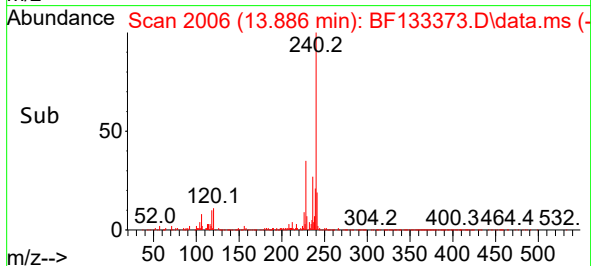
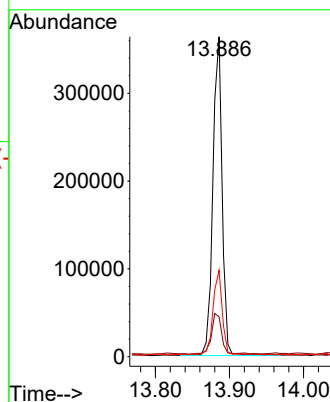
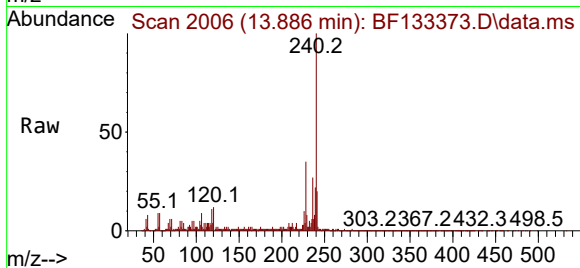
HR-2-051123MSD

Tgt Ion:240 Resp: 31485
 Ion Ratio Lower Upper
 240 100
 120 12.4 10.5 15.7
 236 27.0 21.5 32.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023
 Supervised By :Yogesh Patel 05/16/2023



#77

Benzidine

Concen: 147.877 ng

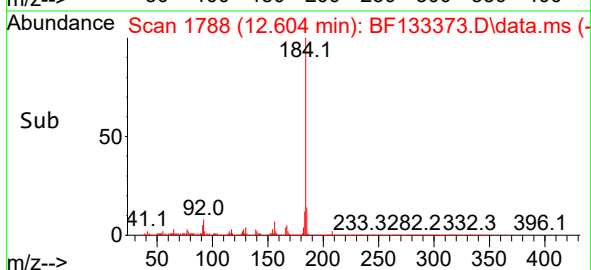
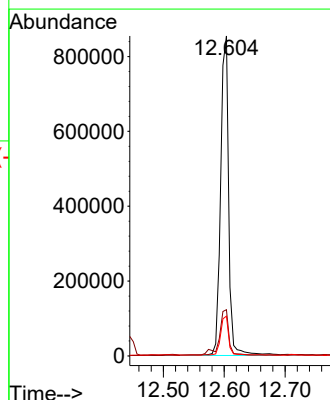
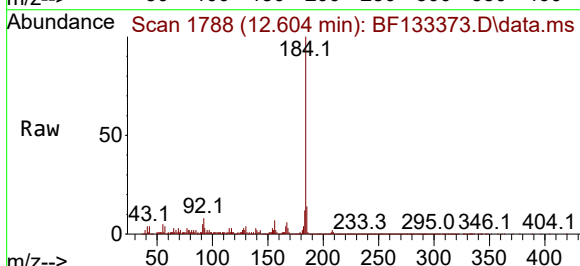
RT: 12.604 min Scan# 1788

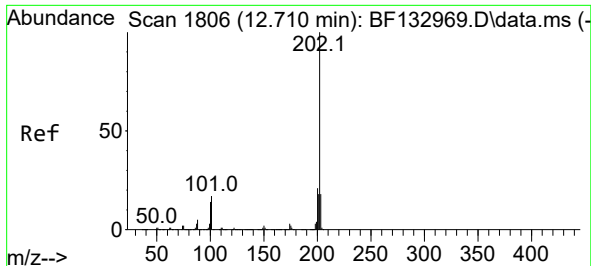
Delta R.T. 0.029 min

Lab File: BF133373.D

Acq: 12 May 2023 17:12

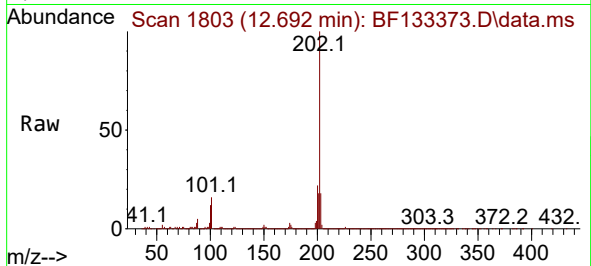
Tgt Ion:184 Resp: 787348
 Ion Ratio Lower Upper
 184 100
 185 14.5 15.4 23.2#
 183 12.4 9.4 14.0





#78
Pyrene
Concen: 59.153 ng
RT: 12.692 min Scan# 1803
Delta R.T. 0.012 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

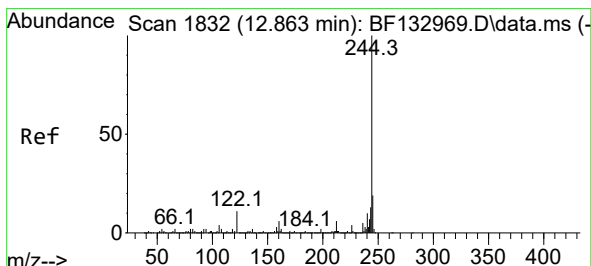
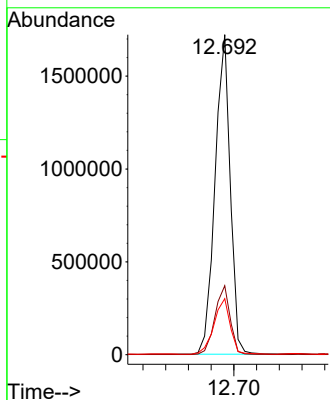
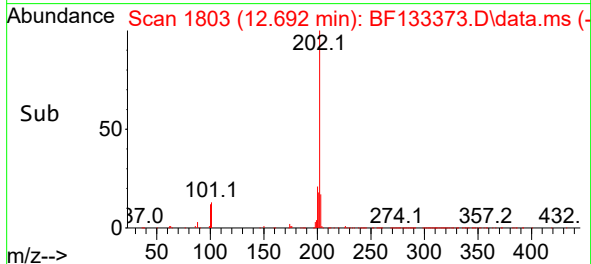
Instrument :
BNA_F
ClientSampleId :
HR-2-051123MSD



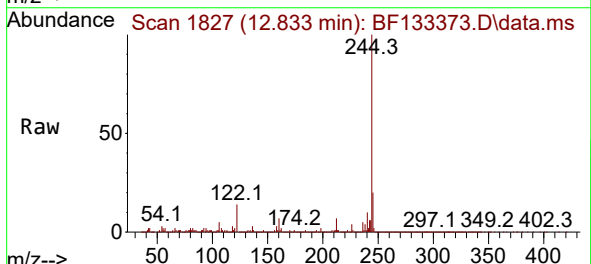
Tgt Ion:202 Resp: 159656
Ion Ratio Lower Upper
202 100
200 21.5 17.1 25.7
203 17.5 14.1 21.1

Manual Integrations
APPROVED

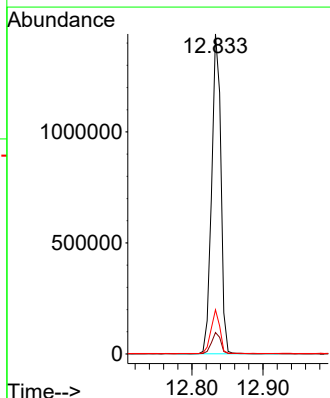
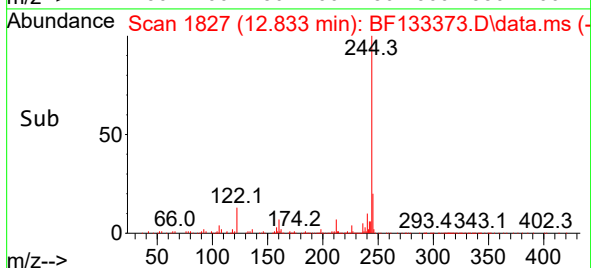
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

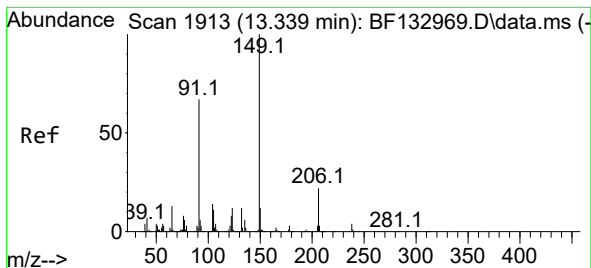


#79
Terphenyl-d14
Concen: 71.289 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12



Tgt Ion:244 Resp: 1301438
Ion Ratio Lower Upper
244 100
212 6.7 5.1 7.7
122 13.8 8.6 13.0





#80

Butylbenzylphthalate

Concen: 65.135 ng

RT: 13.304 min Scan# 1913

Delta R.T. -0.000 min

Lab File: BF133373.D

Acq: 12 May 2023 17:12

Instrument :

BNA_F

ClientSampleId :

HR-2-051123MSD

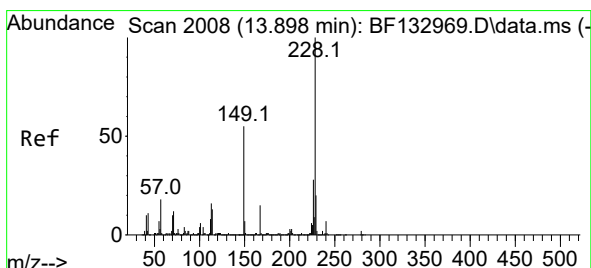
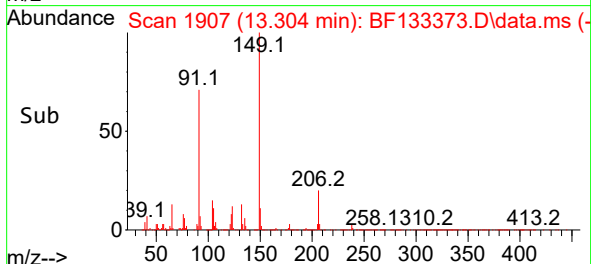
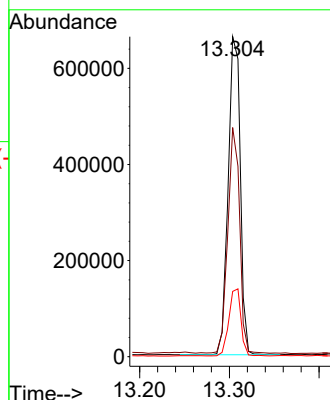
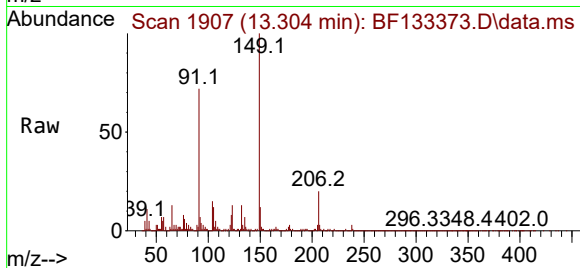
Tgt Ion:149 Resp: 622460

Ion	Ratio	Lower	Upper
149	100		
91	71.6	53.8	80.6
206	20.4	17.5	26.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#81

Benzo(a)anthracene

Concen: 52.892 ng

RT: 13.874 min Scan# 2004

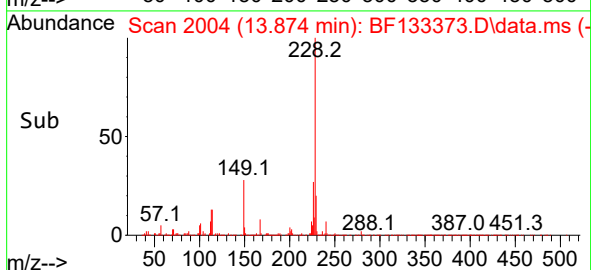
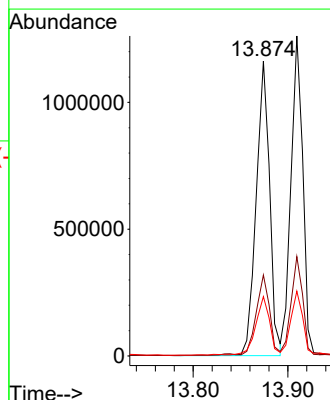
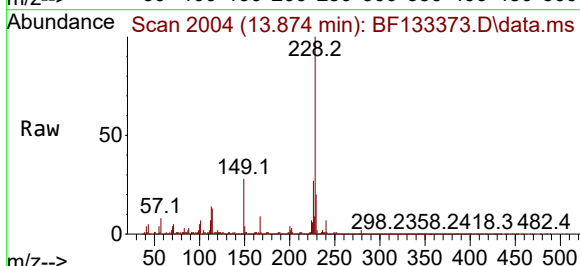
Delta R.T. 0.006 min

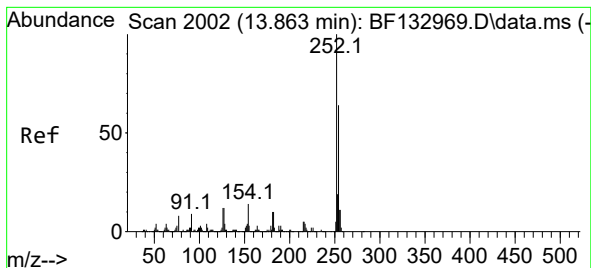
Lab File: BF133373.D

Acq: 12 May 2023 17:12

Tgt Ion:228 Resp: 1145198

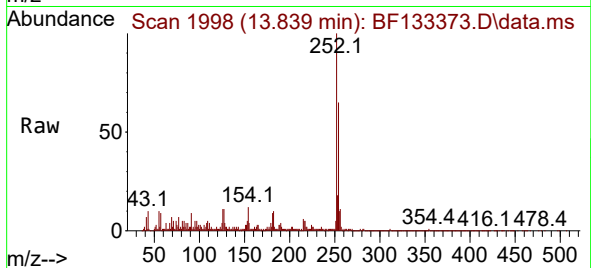
Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.2	33.4
229	20.1	16.0	24.0





#82
3,3'-Dichlorobenzidine
Concen: 55.072 ng
RT: 13.839 min Scan# 10
Delta R.T. 0.006 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

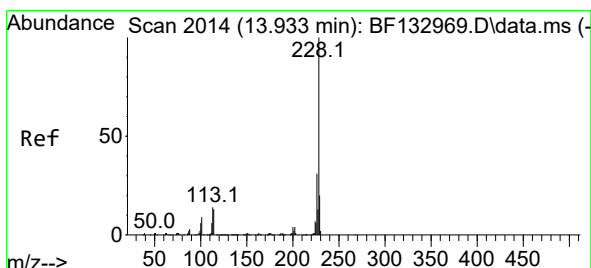
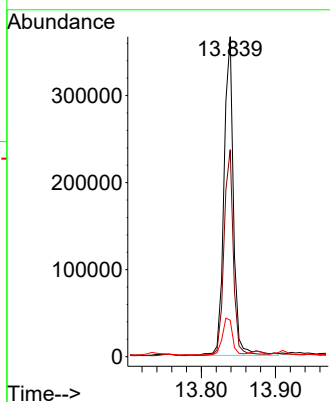
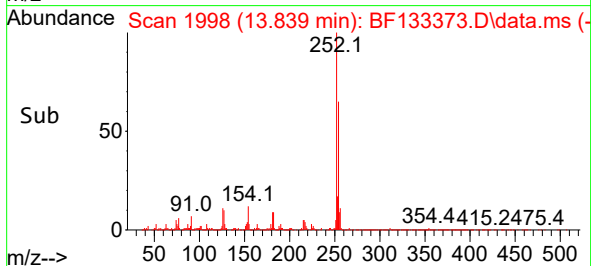
Instrument :
BNA_F
ClientSampleId :
HR-2-051123MSD



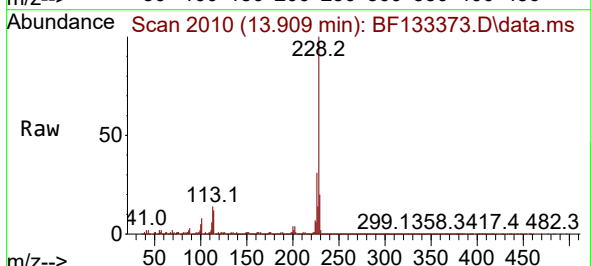
Tgt Ion:252 Resp: 329399
Ion Ratio Lower Upper
252 100
254 64.7 51.5 77.3
126 11.4 9.5 14.3

Manual Integrations
APPROVED

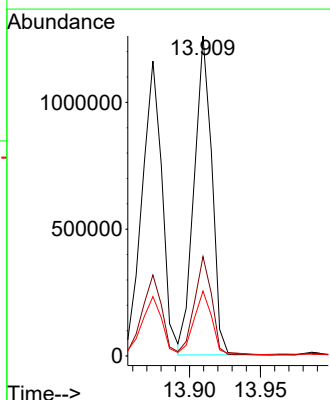
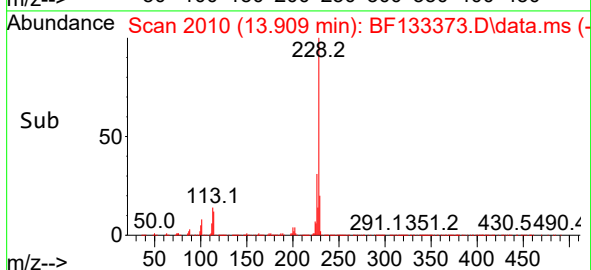
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

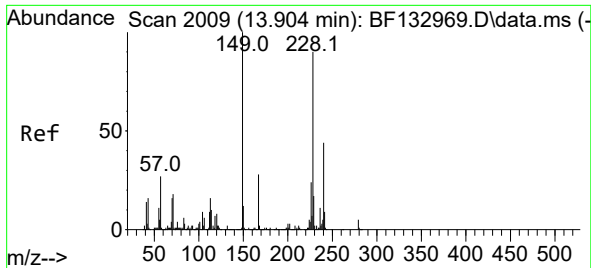


#83
Chrysene
Concen: 50.266 ng
RT: 13.909 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12



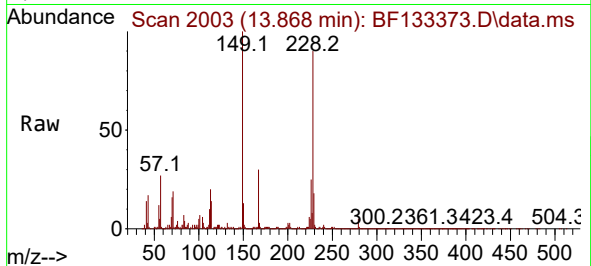
Tgt Ion:228 Resp: 1088072
Ion Ratio Lower Upper
228 100
226 31.0 24.7 37.1
229 20.2 16.1 24.1





#84
Bis(2-ethylhexyl)phthalate
Concen: 64.706 ng
RT: 13.868 min Scan# 2003
Delta R.T. 0.006 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

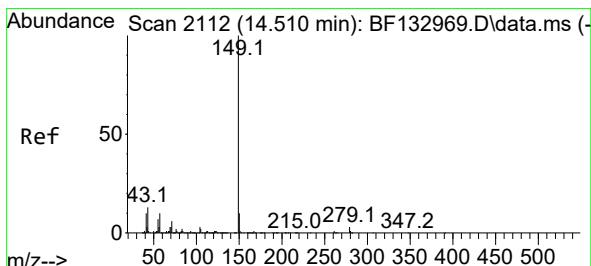
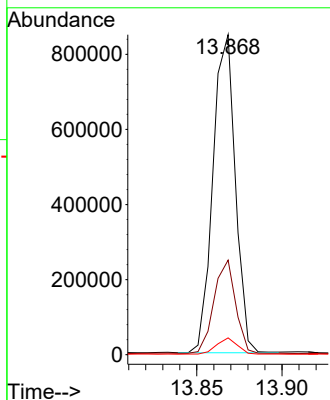
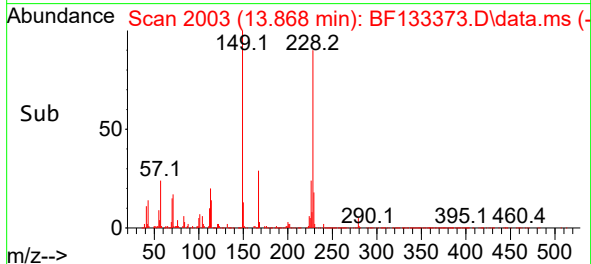
Instrument :
BNA_F
ClientSampleId :
HR-2-051123MSD



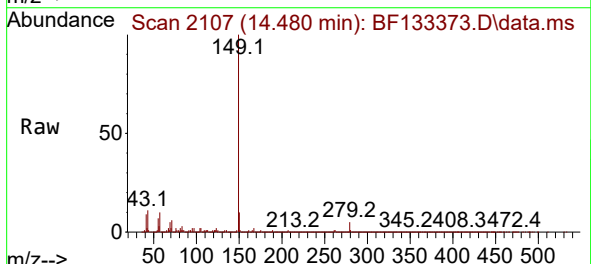
Tgt Ion:149 Resp: 77615
Ion Ratio Lower Upper
149 100
167 29.6 22.5 33.7
279 5.3 4.2 6.4

Manual Integrations
APPROVED

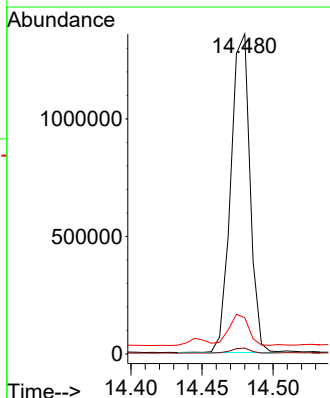
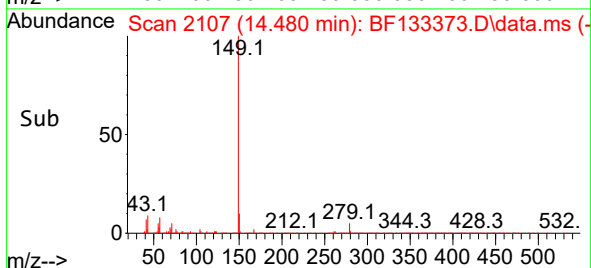
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

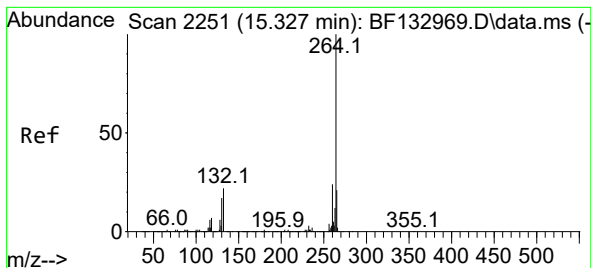


#85
Di-n-octyl phthalate
Concen: 65.402 ng
RT: 14.480 min Scan# 2107
Delta R.T. 0.006 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12



Tgt Ion:149 Resp: 1279180
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.9 9.5 14.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.304 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF133373.D

Acq: 12 May 2023 17:12

Instrument :

BNA_F

ClientSampleId :

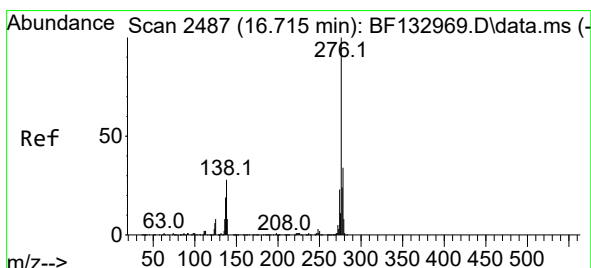
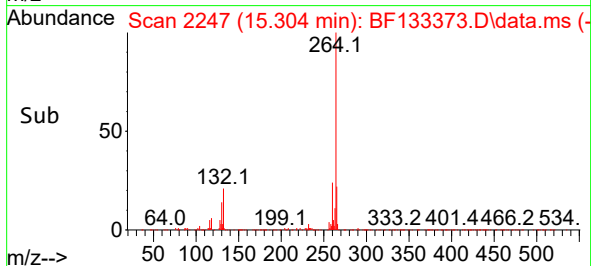
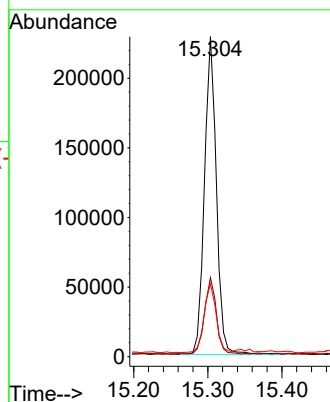
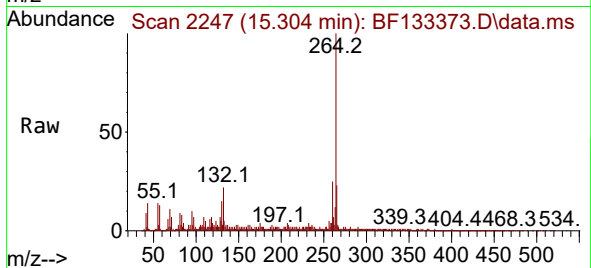
HR-2-051123MSD

Tgt Ion:264	Resp: 25514
Ion Ratio	Lower Upper
264 100	
260 24.7	18.8 28.2
265 22.8	17.0 25.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#87

Indeno(1,2,3-cd)pyrene

Concen: 58.217 ng

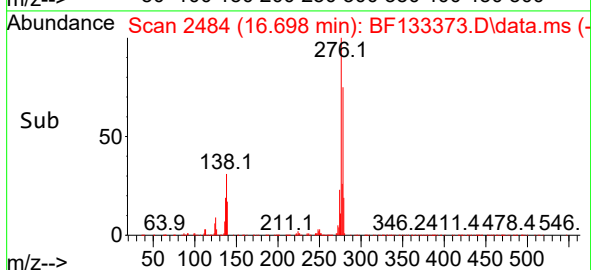
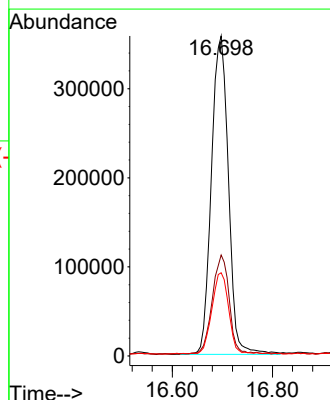
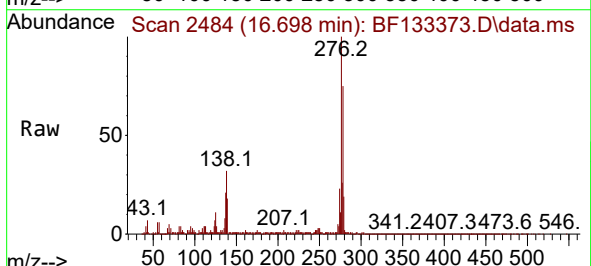
RT: 16.698 min Scan# 2484

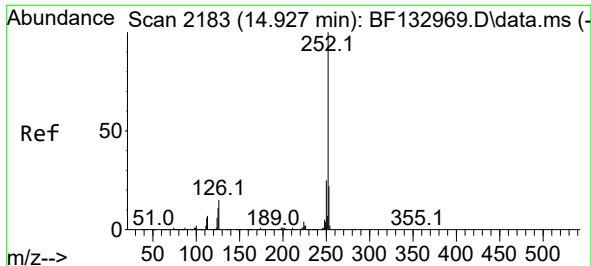
Delta R.T. 0.018 min

Lab File: BF133373.D

Acq: 12 May 2023 17:12

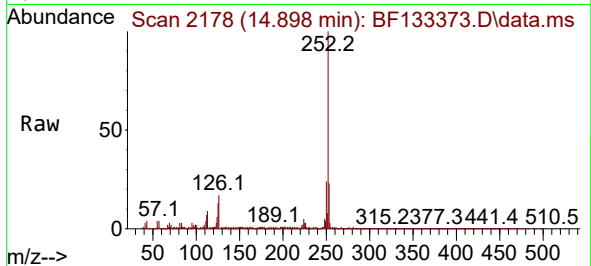
Tgt Ion:276	Resp: 844920
Ion Ratio	Lower Upper
276 100	
138 30.6	25.5 38.3
277 25.1	20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 58.729 ng m
RT: 14.898 min Scan# 2183
Delta R.T. 0.006 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

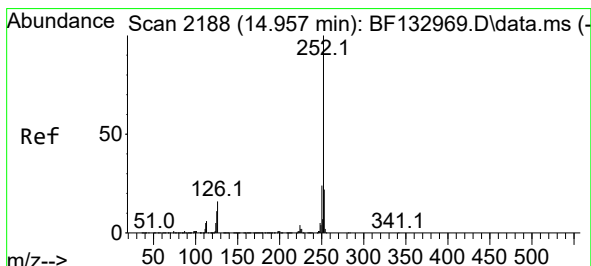
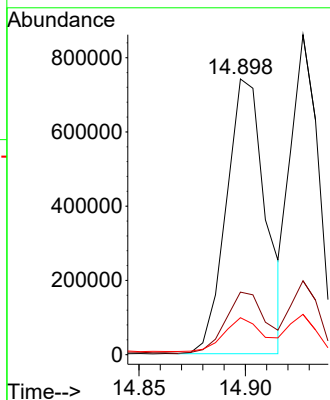
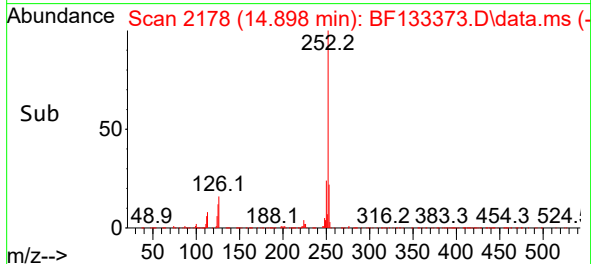
Instrument :
BNA_F
ClientSampleId :
HR-2-051123MSD



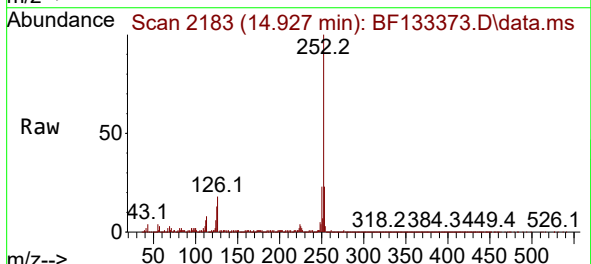
Tgt Ion:252 Resp: 953284
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 13.4 8.9 13.3

Manual Integrations
APPROVED

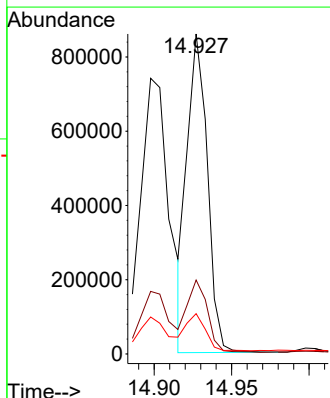
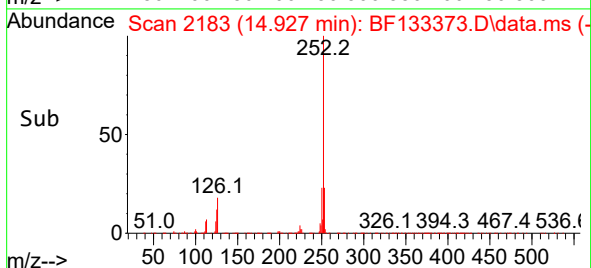
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

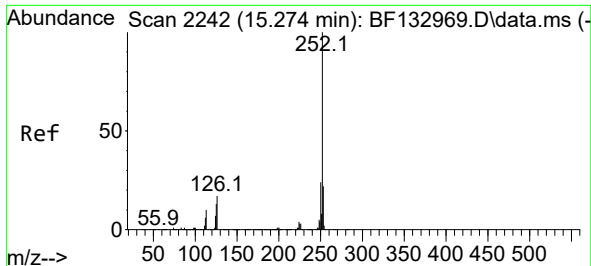


#89
Benzo(k)fluoranthene
Concen: 48.409 ng
RT: 14.927 min Scan# 2183
Delta R.T. 0.006 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12



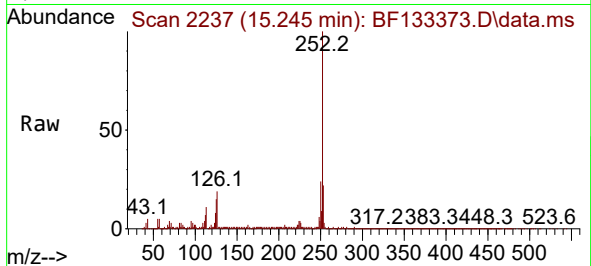
Tgt Ion:252 Resp: 778934
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 12.6 9.0 13.4





#90
Benzo(a)pyrene
Concen: 49.973 ng
RT: 15.245 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

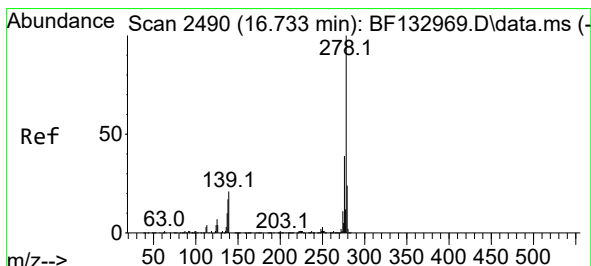
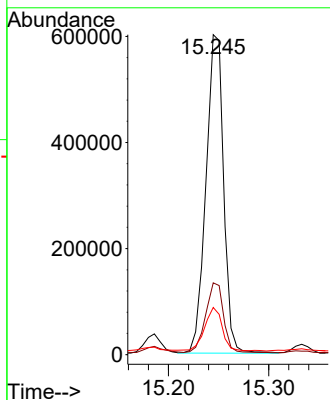
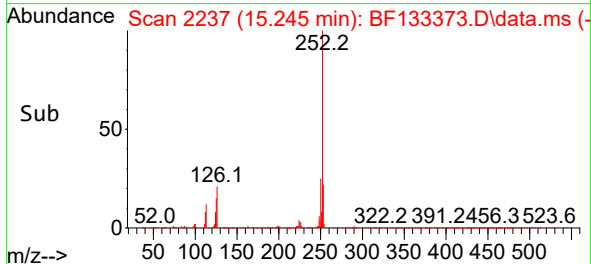
Instrument :
BNA_F
ClientSampleId :
HR-2-051123MSD



Tgt Ion:252 Resp: 738329
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 14.8 10.5 15.7

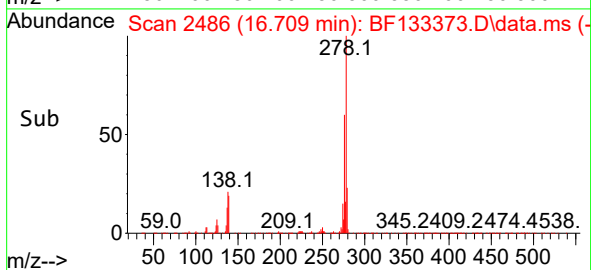
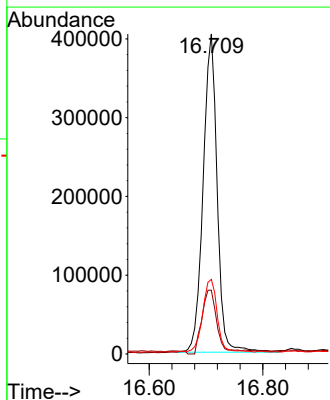
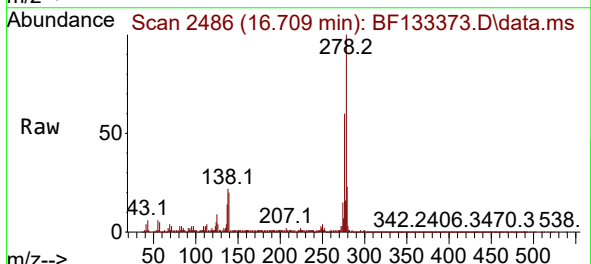
Manual Integrations
APPROVED

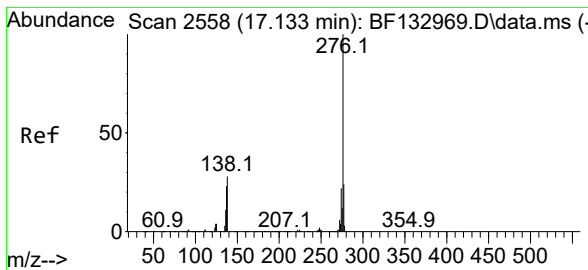
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023



#91
Dibenzo(a,h)anthracene
Concen: 56.906 ng
RT: 16.709 min Scan# 2486
Delta R.T. 0.018 min
Lab File: BF133373.D
Acq: 12 May 2023 17:12

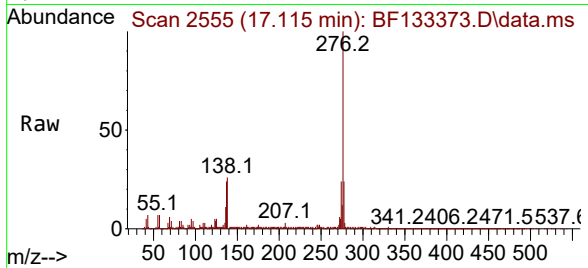
Tgt Ion:278 Resp: 688830
Ion Ratio Lower Upper
278 100
139 19.9 16.6 24.8
279 23.3 18.8 28.2





#92
 Benzo(g,h,i)perylene
 Concen: 57.292 ng
 RT: 17.115 min Scan# 21
 Delta R.T. 0.023 min
 Lab File: BF133373.D
 Acq: 12 May 2023 17:12

Instrument :
 BNA_F
 ClientSampleId :
 HR-2-051123MSD



Tgt Ion:276 Resp: 684660
 Ion Ratio Lower Upper
 276 100
 277 23.8 19.4 29.0
 138 26.3 22.7 34.1

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/15/2023
 Supervised By :Yogesh Patel 05/16/2023

