

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051123\
 Data File : BF133349.D
 Acq On : 11 May 2023 11:47
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 05/12/2023
 Supervised By : Jagrut Upadhyay 05/15/2023

Quant Time: May 11 12:44:45 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue May 09 04:59:36 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	212256	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	818393	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	415099	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	726009	20.000	ng	0.00
76) Chrysene-d12	13.880	240	471209	20.000	ng	0.00
86) Perylene-d12	15.292	264	391340	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	1061151	75.521	ng	0.00
7) Phenol-d6	6.369	99	1319847	75.678	ng	0.00
23) Nitrobenzene-d5	7.292	82	1163291	76.724	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	306586	73.441	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1876860	75.644	ng	0.00
79) Terphenyl-d14	12.827	244	1978317	72.408	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.363	88	242389	37.191	ng	97
3) Pyridine	3.057	79	661747	38.229	ng	97
4) n-Nitrosodimethylamine	3.022	42	316803	35.334	ng	100
6) Aniline	6.387	93	844405	37.592	ng	# 81
8) 2-Chlorophenol	6.510	128	550746	38.605	ng	94
9) Benzaldehyde	6.269	77	317672	39.207	ng	100
10) Phenol	6.381	94	693008	36.020	ng	77
11) bis(2-Chloroethyl)ether	6.463	93	535636	37.100	ng	98
12) 1,3-Dichlorobenzene	6.663	146	576166	37.986	ng	99
13) 1,4-Dichlorobenzene	6.739	146	583962	38.415	ng	99
14) 1,2-Dichlorobenzene	6.892	146	545806	38.945	ng	96
15) Benzyl Alcohol	6.869	79	440487	36.564	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	846133	33.742	ng	94
17) 2-Methylphenol	6.987	107	489637	37.482	ng	98
18) Hexachloroethane	7.234	117	201545	38.135	ng	97
19) n-Nitroso-di-n-propyla...	7.145	70	361294	33.276	ng	93
20) 3+4-Methylphenols	7.145	107	580903	37.760	ng	# 70
22) Acetophenone	7.139	105	728584	38.432	ng	# 97
24) Nitrobenzene	7.310	77	580991	37.815	ng	99
25) Isophorone	7.545	82	1058649	36.775	ng	98
26) 2-Nitrophenol	7.628	139	313578	42.315	ng	91
27) 2,4-Dimethylphenol	7.669	122	487497	38.365	ng	99
28) bis(2-Chloroethoxy)met...	7.763	93	631048	37.055	ng	99
29) 2,4-Dichlorophenol	7.869	162	459749	39.744	ng	100
30) 1,2,4-Trichlorobenzene	7.951	180	467622	39.020	ng	98
31) Naphthalene	8.028	128	1586197	38.766	ng	99
32) Benzoic acid	7.792	122	259079m	33.008	ng	
33) 4-Chloroaniline	8.081	127	686531	41.527	ng	100
34) Hexachlorobutadiene	8.151	225	257165	38.717	ng	98
35) Caprolactam	8.457	113	157474m	40.523	ng	
36) 4-Chloro-3-methylphenol	8.569	107	485410	38.913	ng	96
37) 2-Methylnaphthalene	8.722	142	1069847	38.244	ng	98
38) 1-Methylnaphthalene	8.822	142	1001036	38.252	ng	100
40) 1,2,4,5-Tetrachloroben...	8.886	216	427059	38.264	ng	99
41) Hexachlorocyclopentadiene	8.875	237	251014	38.564	ng	98
43) 2,4,6-Trichlorophenol	8.998	196	288459	37.372	ng	99

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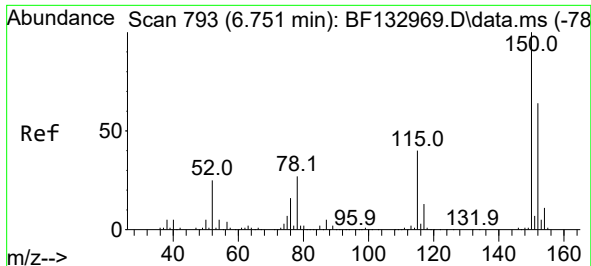
Manual Integrations
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Reviewed By : Christian Giraldo 05/12/2023
 Supervised By : Jagrut Upadhyay 05/15/2023

Quant Time: May 11 12:44:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	346438	38.809	ng	98
46) 1,1'-Biphenyl	9.186	154	1253291	38.076	ng	98
47) 2-Chloronaphthalene	9.210	162	928222	38.528	ng	100
48) 2-Nitroaniline	9.304	65	313727	39.402	ng	93
49) Acenaphthylene	9.622	152	1486538	38.616	ng	99
50) Dimethylphthalate	9.486	163	1108648	38.303	ng	100
51) 2,6-Dinitrotoluene	9.545	165	254931	39.133	ng	98
52) Acenaphthene	9.792	154	986074m	38.246	ng	
53) 3-Nitroaniline	9.716	138	312435	40.335	ng	98
54) 2,4-Dinitrophenol	9.822	184	111232	33.969	ng	# 87
55) Dibenzofuran	9.963	168	1321029	37.562	ng	98
56) 4-Nitrophenol	9.886	139	220606	36.771	ng	91
57) 2,4-Dinitrotoluene	9.951	165	334446	40.256	ng	98
58) Fluorene	10.310	166	992760	38.529	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.086	232	253711	36.661	ng	99
60) Diethylphthalate	10.186	149	1026078	37.531	ng	99
61) 4-Chlorophenyl-phenyle...	10.298	204	475293	37.852	ng	96
62) 4-Nitroaniline	10.333	138	303411	42.618	ng	97
63) Azobenzene	10.463	77	1056697	36.486	ng	96
65) 4,6-Dinitro-2-methylph...	10.363	198	179717	40.840	ng	88
66) n-Nitrosodiphenylamine	10.422	169	893769	37.952	ng	99
67) 4-Bromophenyl-phenylether	10.786	248	294240	37.369	ng	93
68) Hexachlorobenzene	10.857	284	305478	37.861	ng	99
69) Atrazine	10.951	200	264448	38.971	ng	98
70) Pentachlorophenol	11.051	266	203163	35.356	ng	97
71) Phenanthrene	11.269	178	1458595	37.380	ng	100
72) Anthracene	11.316	178	1510286	37.820	ng	99
73) Carbazole	11.474	167	1370600	38.546	ng	99
74) Di-n-butylphthalate	11.804	149	1568246	38.973	ng	100
75) Fluoranthene	12.451	202	1490951	38.072	ng	99
77) Benzidine	12.574	184	360190	45.202	ng	# 93
78) Pyrene	12.680	202	1529320	37.861	ng	98
80) Butylbenzylphthalate	13.304	149	650964	45.515	ng	100
81) Benzo(a)anthracene	13.868	228	1167716	36.037	ng	100
82) 3,3'-Dichlorobenzidine	13.833	252	371026	41.448	ng	98
83) Chrysene	13.904	228	1208930	37.318	ng	100
84) Bis(2-ethylhexyl)phtha...	13.863	149	754223	42.013	ng	99
85) Di-n-octyl phthalate	14.474	149	1213287	41.449	ng	98
87) Indeno(1,2,3-cd)pyrene	16.680	276	958325	43.051	ng	99
88) Benzo(b)fluoranthene	14.892	252	942725	37.866	ng	100
89) Benzo(k)fluoranthene	14.921	252	952665	38.601	ng	100
90) Benzo(a)pyrene	15.239	252	869147	38.354	ng	98
91) Dibenzo(a,h)anthracene	16.692	278	803596	43.283	ng	98
92) Benzo(g,h,i)perylene	17.092	276	815565	44.495	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: BF133349.D
Acq: 11 May 2023 11:47

Instrument :

BNA_F

ClientSampleId :

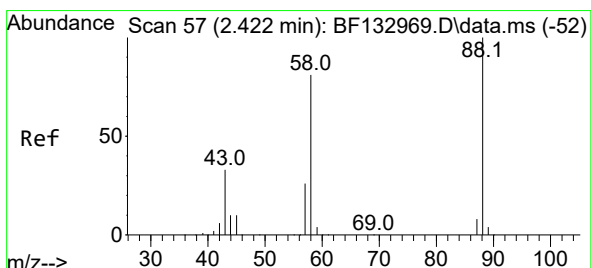
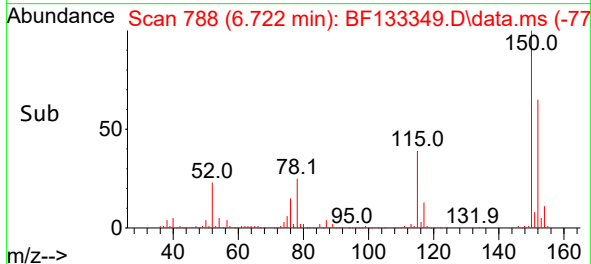
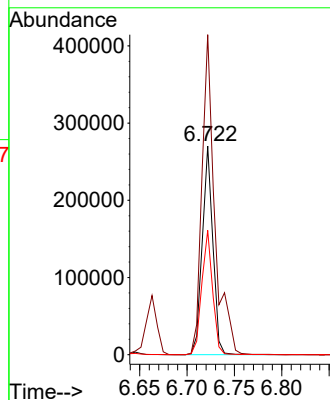
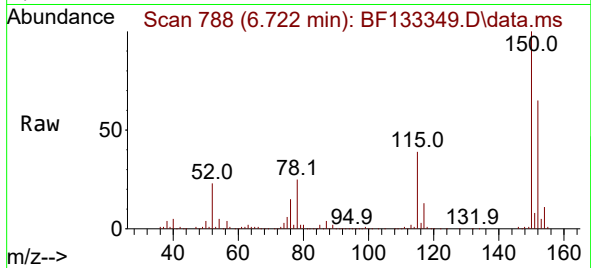
SSTDCCC040

Tgt Ion:152 Resp: 212250
Ion Ratio Lower Upper
152 100
150 153.3 124.8 187.2
115 59.6 49.9 74.9

Manual Integrations

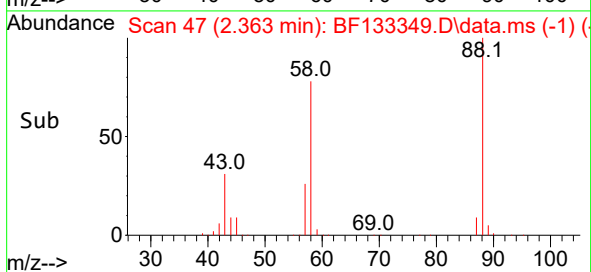
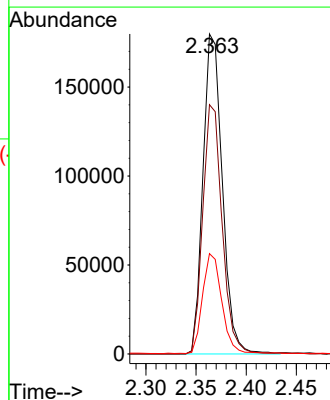
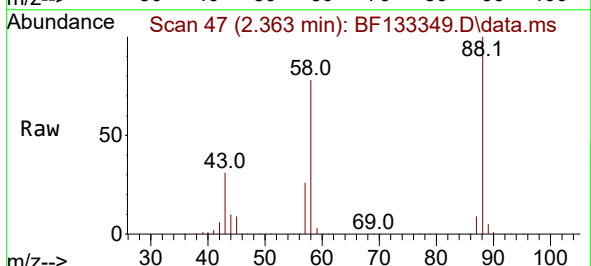
APPROVED

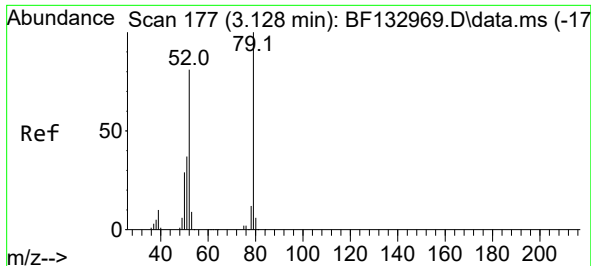
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#2
1,4-Dioxane
Concen: 37.191 ng
RT: 2.363 min Scan# 47
Delta R.T. -0.006 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

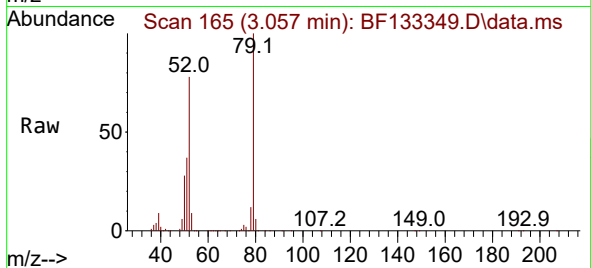
Tgt Ion: 88 Resp: 242389
Ion Ratio Lower Upper
88 100
58 78.0 64.7 97.1
43 31.0 26.2 39.2





#3
Pyridine
Concen: 38.229 ng
RT: 3.057 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

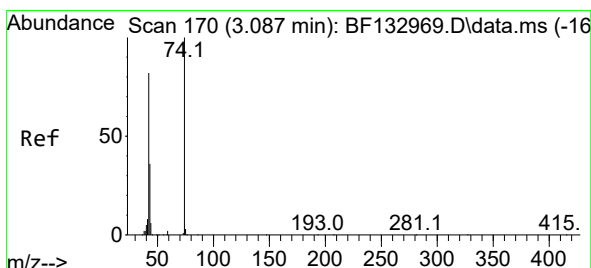
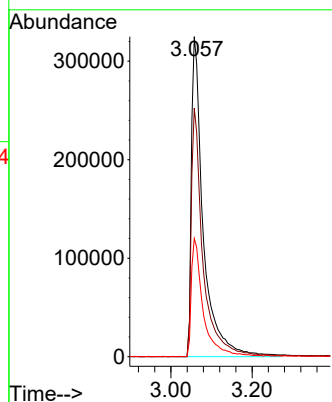
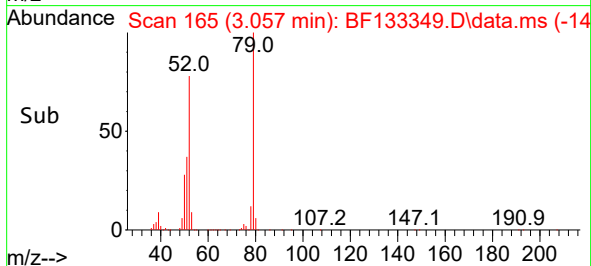
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 66174
Ion Ratio Lower Upper
79 100
52 77.7 64.6 96.8
51 36.9 30.0 45.0

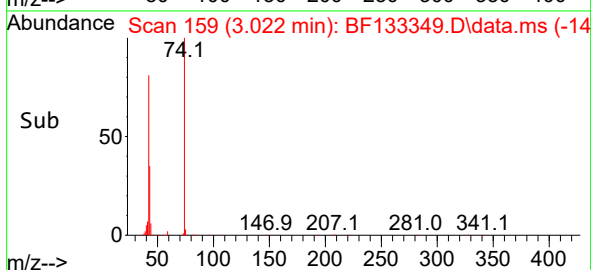
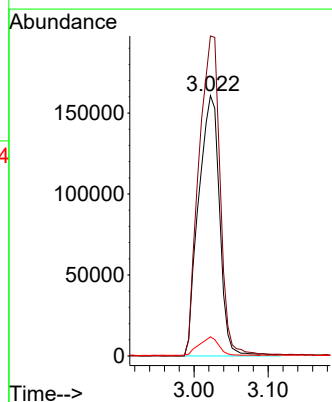
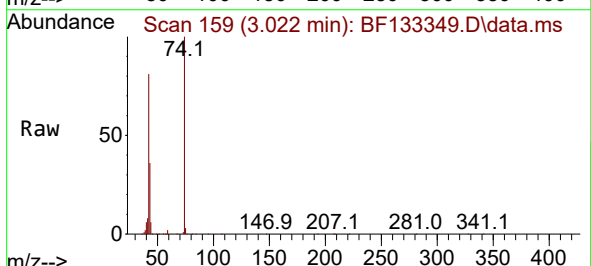
Manual Integrations
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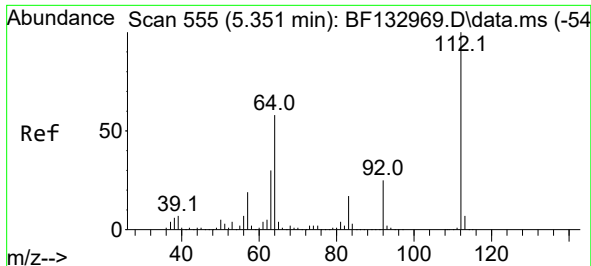
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#4
n-Nitrosodimethylamine
Concen: 35.334 ng
RT: 3.022 min Scan# 159
Delta R.T. -0.012 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

Tgt Ion: 42 Resp: 316803
Ion Ratio Lower Upper
42 100
74 122.9 98.0 147.0
44 7.4 5.8 8.8





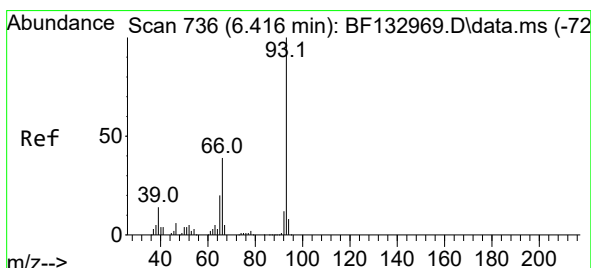
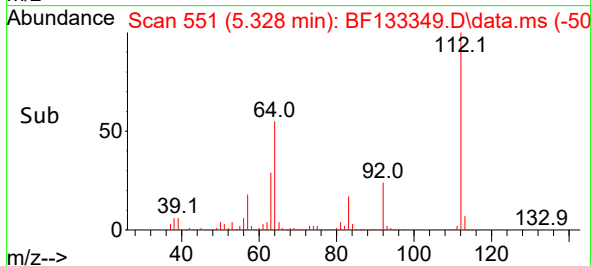
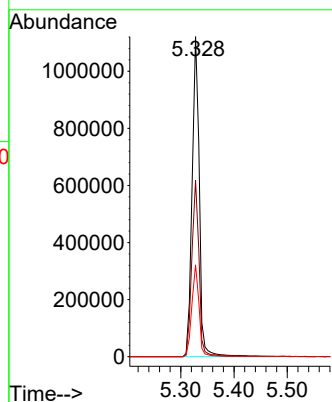
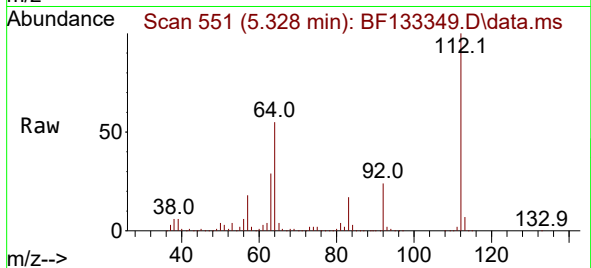
#5
2-Fluorophenol
Concen: 75.521 ng
RT: 5.328 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 106115
Ion Ratio Lower Upper
112 100
64 55.1 46.8 70.2
63 28.7 23.8 35.8

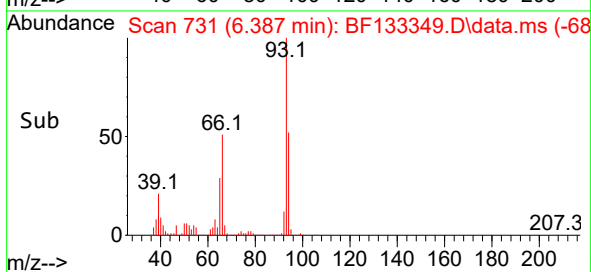
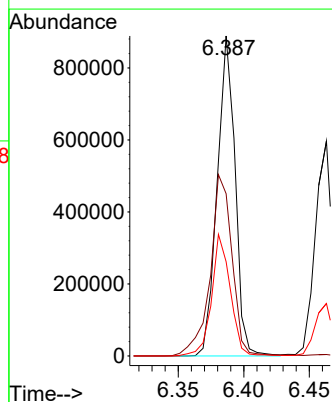
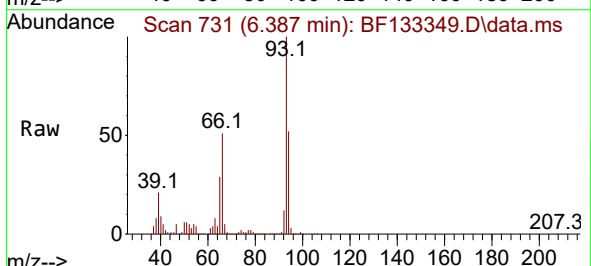
Manual Integrations
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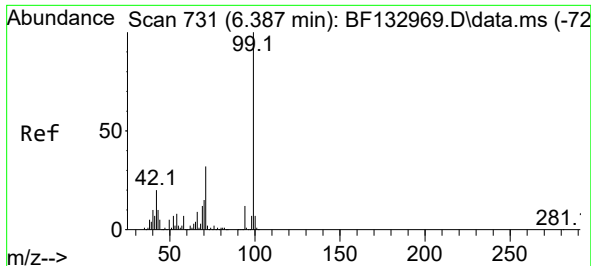
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#6
Aniline
Concen: 37.592 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

Tgt Ion: 93 Resp: 844405
Ion Ratio Lower Upper
93 100
66 50.7 31.5 47.3#
65 29.5 16.4 24.6#





#7

Phenol-d6

Concen: 75.678 ng

RT: 6.369 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF133349.D

Acq: 11 May 2023 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 131984

Ion Ratio Lower Upper

99 100

42 18.9 16.3 24.5

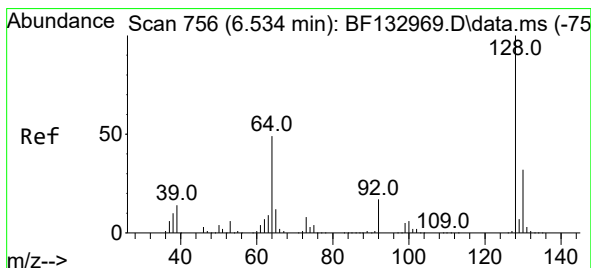
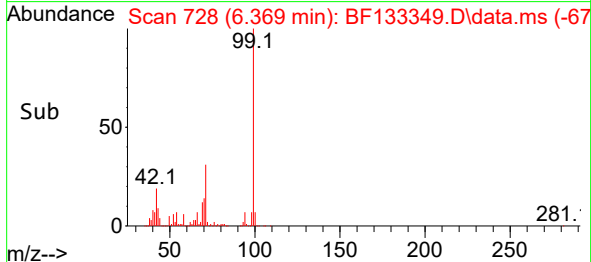
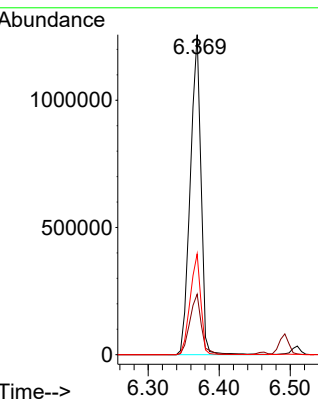
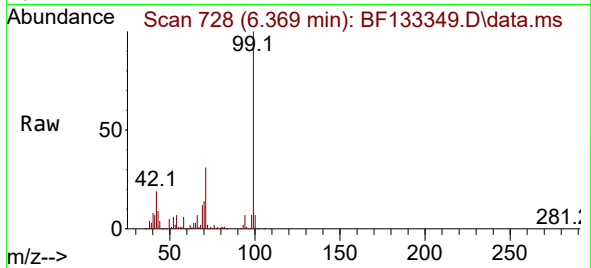
71 31.5 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/12/2023

Supervised By :Jagrut Upadhyay 05/15/2023



#8

2-Chlorophenol

Concen: 38.605 ng

RT: 6.510 min Scan# 752

Delta R.T. 0.000 min

Lab File: BF133349.D

Acq: 11 May 2023 11:47

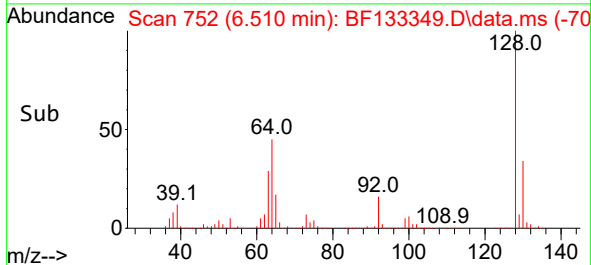
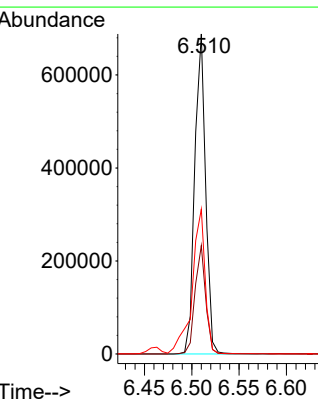
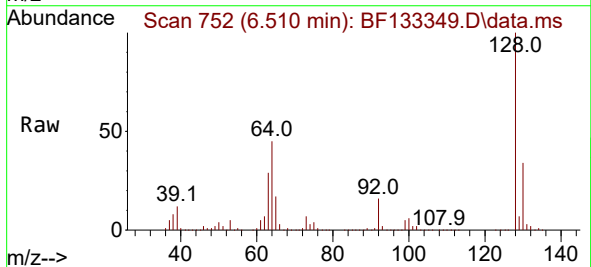
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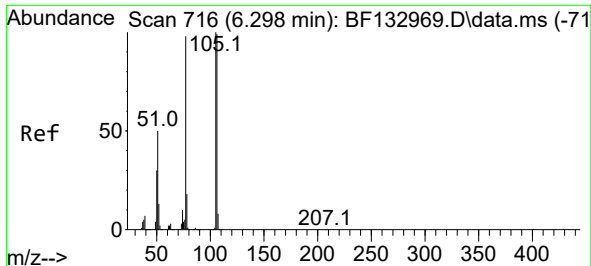
Ion Ratio Lower Upper

128 100

130 33.8 12.2 52.2

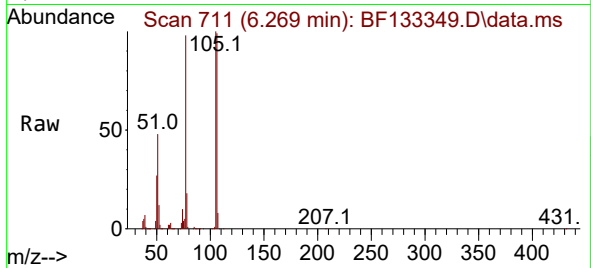
64 45.3 30.3 70.3





#9
Benzaldehyde
Concen: 39.207 ng
RT: 6.269 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

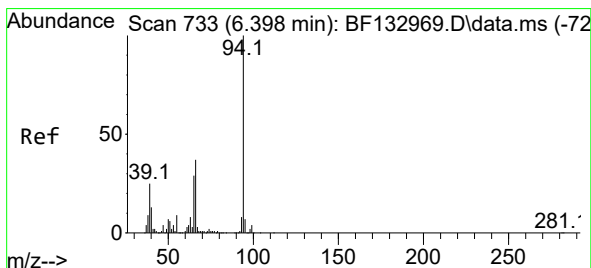
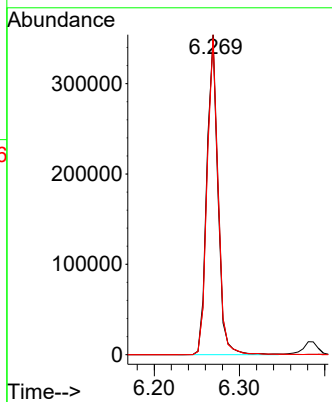
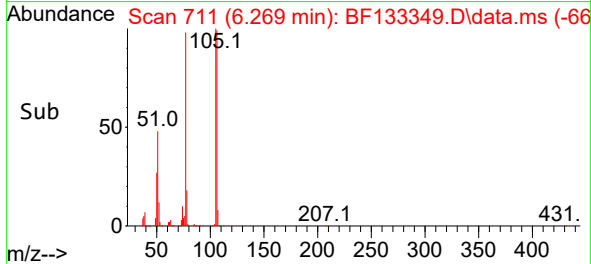
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 77 Resp: 317672
Ion Ratio Lower Upper
77 100
105 101.8 82.3 122.3
106 100.6 80.8 120.8

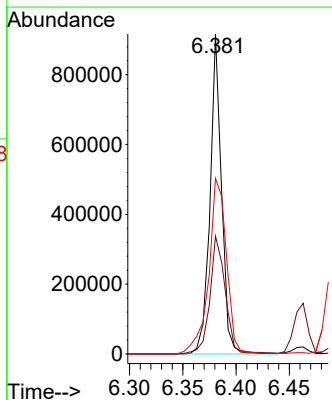
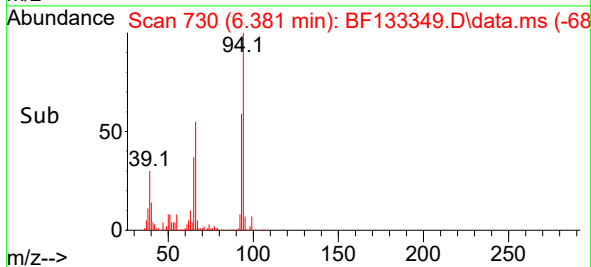
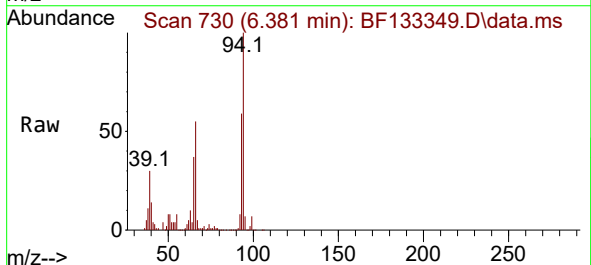
Manual Integrations
APPROVED

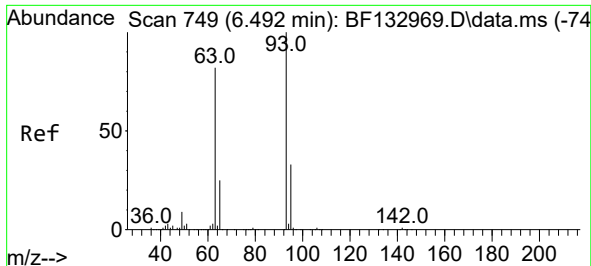
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#10
Phenol
Concen: 36.020 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.006 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

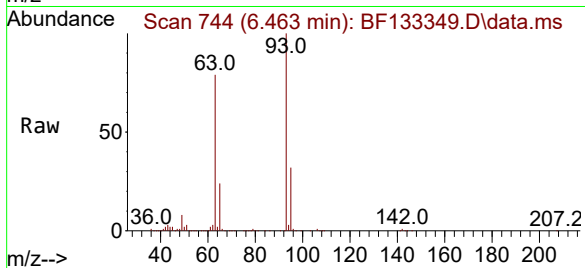
Tgt Ion: 94 Resp: 693008
Ion Ratio Lower Upper
94 100
65 36.8 8.6 48.6
66 54.9 17.3 57.3





#11
bis(2-Chloroethyl)ether
Concen: 37.100 ng
RT: 6.463 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

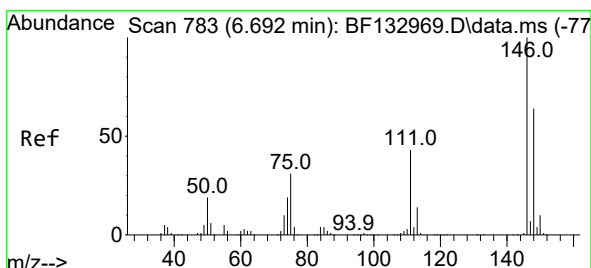
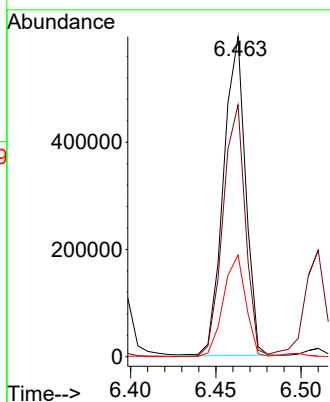
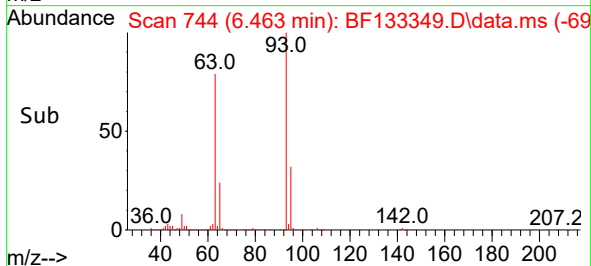
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



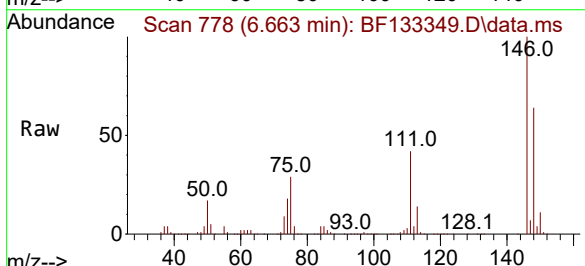
Tgt Ion: 93 Resp: 535630
Ion Ratio Lower Upper
93 100
63 78.7 60.6 100.6
95 31.7 12.9 52.9

Manual Integrations
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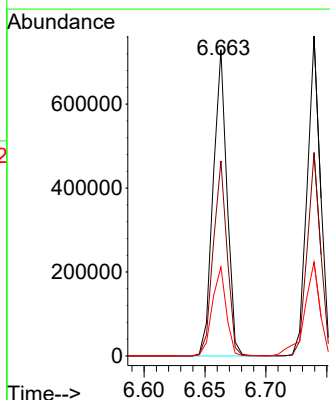
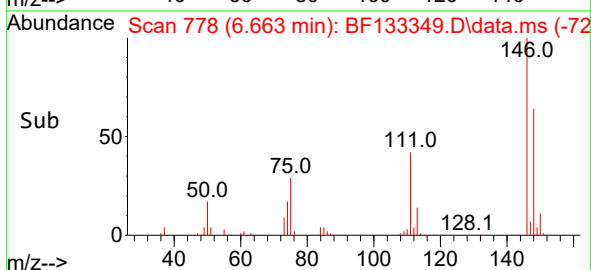
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023

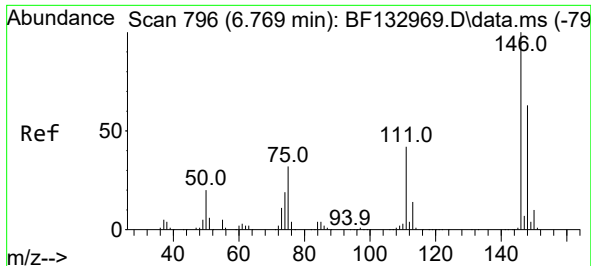


#12
1,3-Dichlorobenzene
Concen: 37.986 ng
RT: 6.663 min Scan# 778
Delta R.T. 0.000 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47



Tgt Ion:146 Resp: 576166
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
75 29.1 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 38.415 ng

RT: 6.739 min Scan# 796

Delta R.T. 0.000 min

Lab File: BF133349.D

Acq: 11 May 2023 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 583962

Ion Ratio Lower Upper

146 100

148 63.5 50.3 75.5

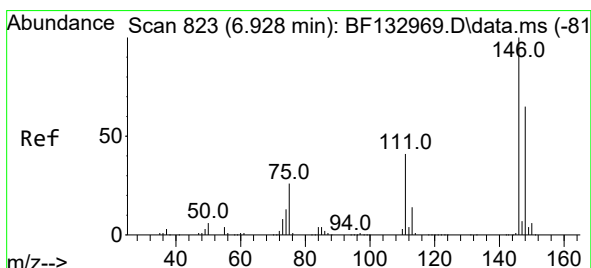
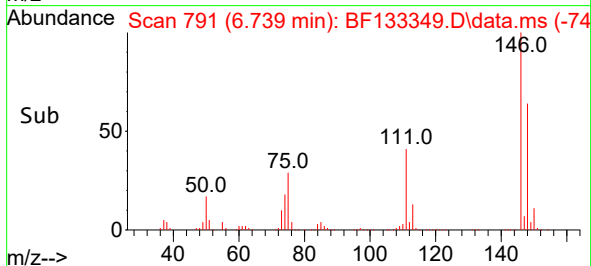
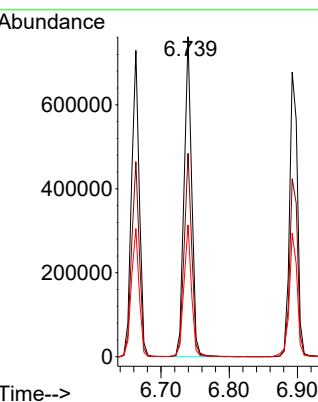
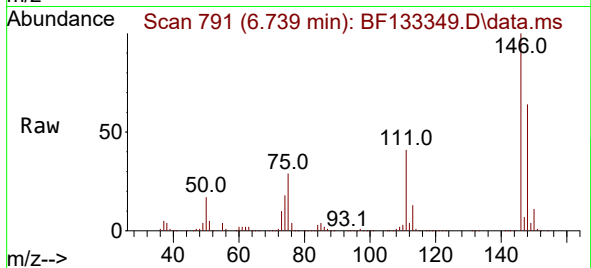
111 41.2 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/12/2023

Supervised By :Jagrut Upadhyay 05/15/2023



#14

1,2-Dichlorobenzene

Concen: 38.945 ng

RT: 6.892 min Scan# 817

Delta R.T. -0.006 min

Lab File: BF133349.D

Acq: 11 May 2023 11:47

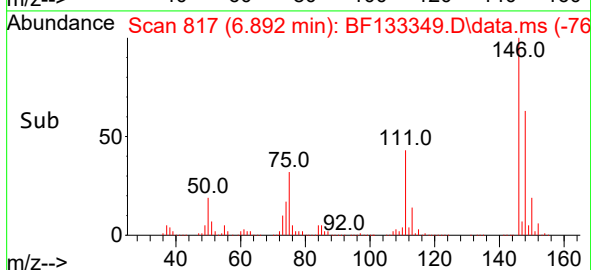
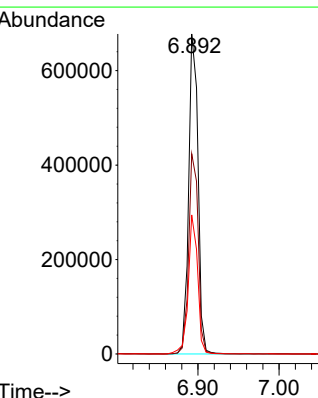
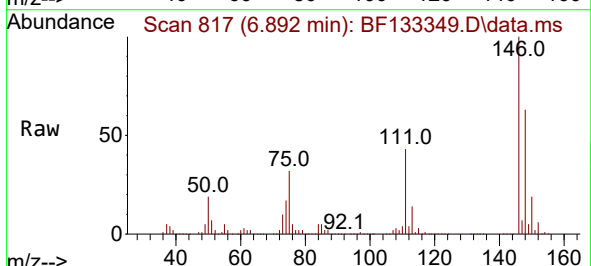
Tgt Ion:146 Resp: 545806

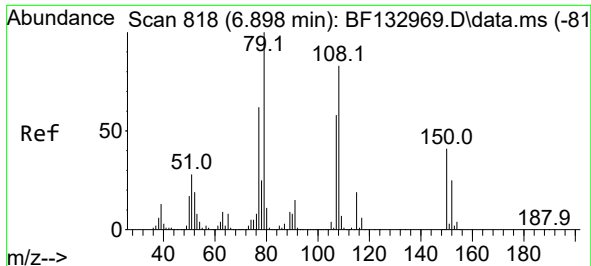
Ion Ratio Lower Upper

146 100

148 62.6 52.2 78.2

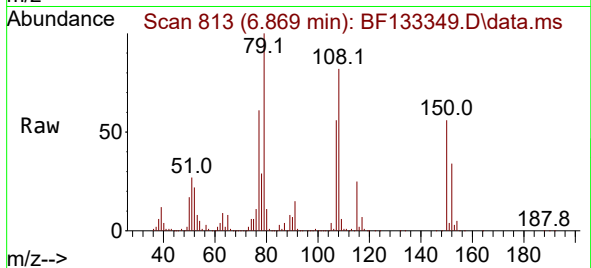
111 43.4 32.8 49.2





#15
Benzyl Alcohol
Concen: 36.564 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

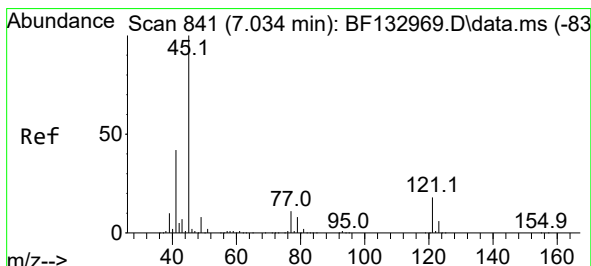
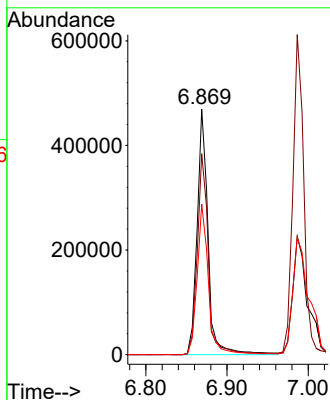
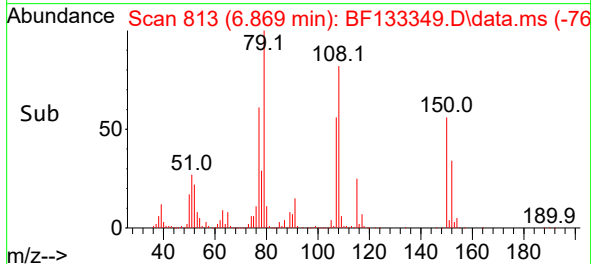
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 44048
Ion Ratio Lower Upper
79 100
108 81.9 66.6 99.8
77 61.3 49.2 73.8

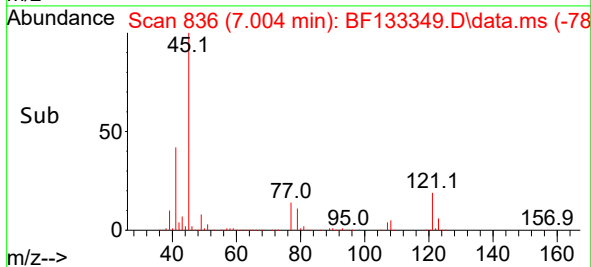
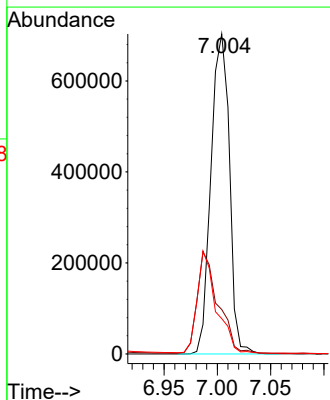
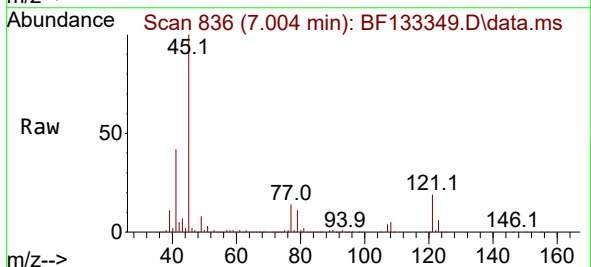
Manual Integrations
APPROVED

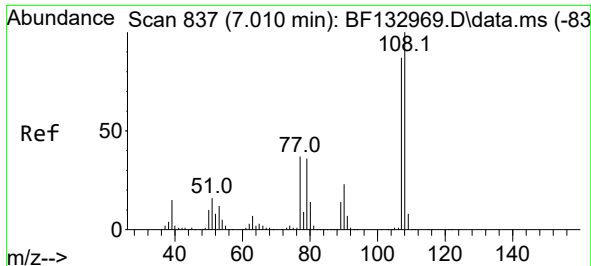
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.742 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

Tgt Ion: 45 Resp: 846133
Ion Ratio Lower Upper
45 100
77 13.9 0.0 31.5
79 11.0 0.0 28.7





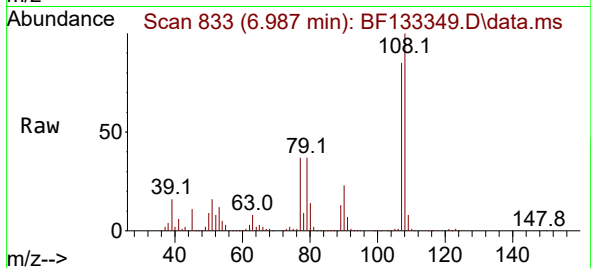
#17
2-Methylphenol
Concen: 37.482 ng
RT: 6.987 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

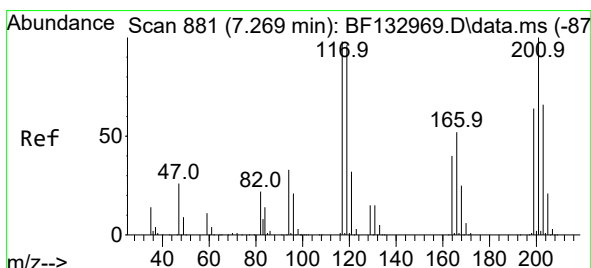
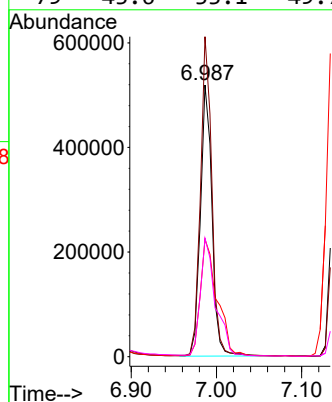
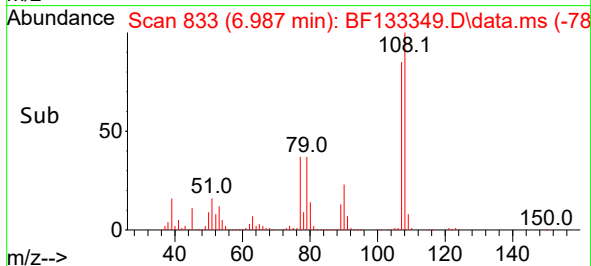


Tgt Ion:107 Resp: 48963
Ion Ratio Lower Upper
107 100
108 117.8 92.4 138.6
77 43.2 33.8 50.8
79 43.6 33.1 49.7

Manual Integrations

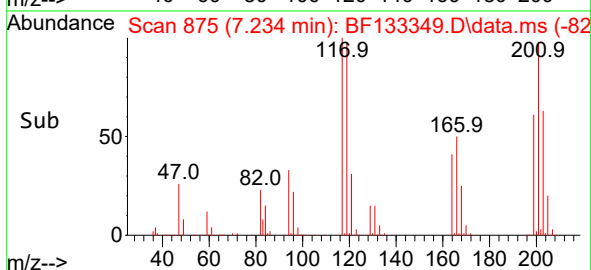
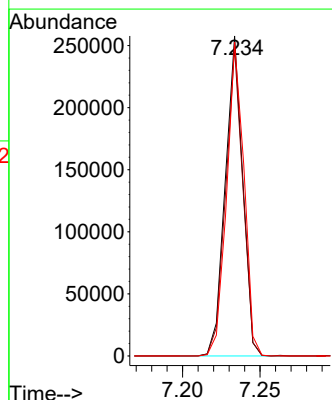
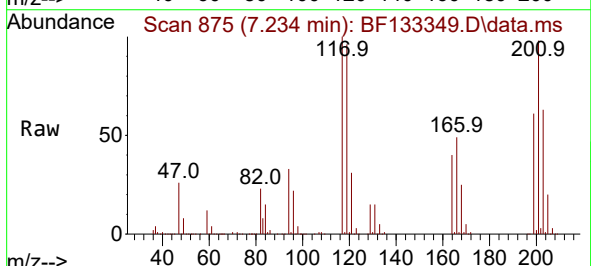
APPROVED

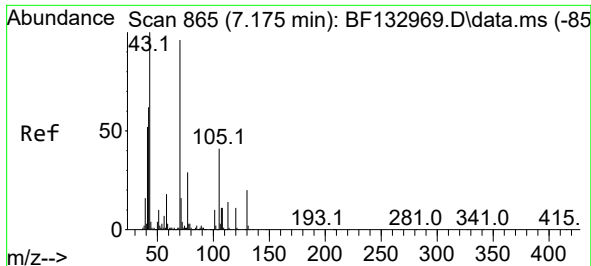
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#18
Hexachloroethane
Concen: 38.135 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

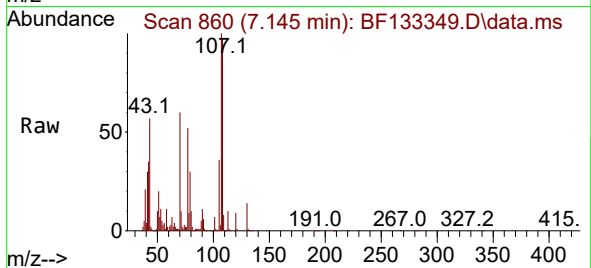
Tgt Ion:117 Resp: 201545
Ion Ratio Lower Upper
117 100
119 96.5 78.2 117.4
201 98.1 81.7 122.5





#19
n-Nitroso-di-n-propylamine
Concen: 33.276 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

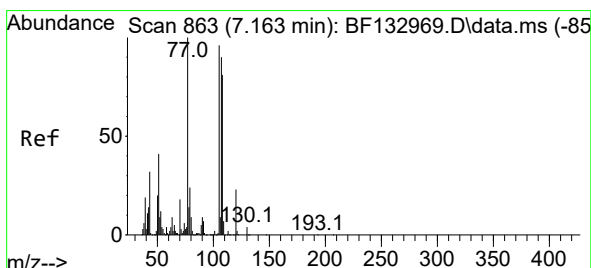
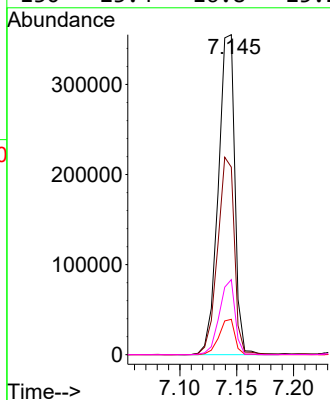
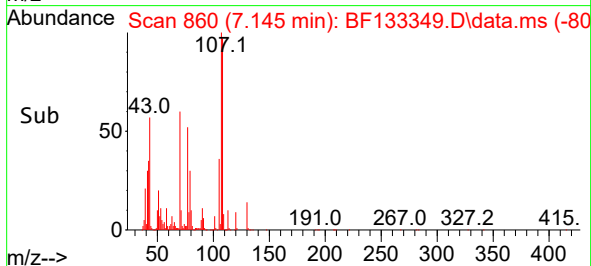
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



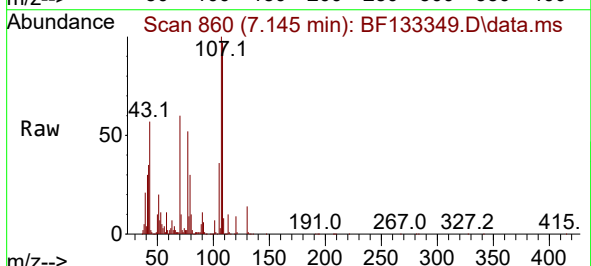
Tgt Ion: 70 Resp: 361294
Ion Ratio Lower Upper
70 100
42 58.6 51.8 77.6
101 11.0 8.0 12.0
130 23.4 16.8 25.2

Manual Integrations
APPROVED

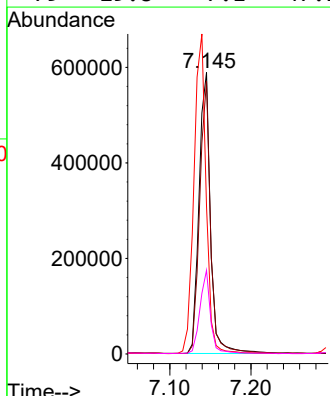
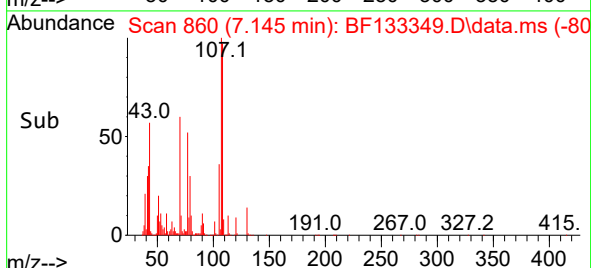
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023

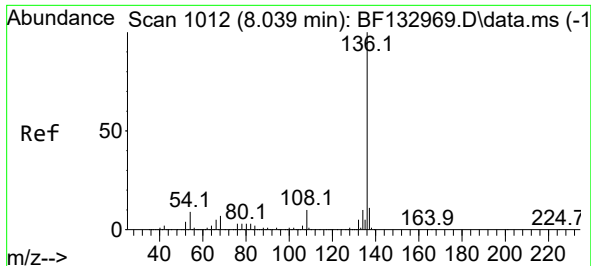


#20
3+4-Methylphenols
Concen: 37.760 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47



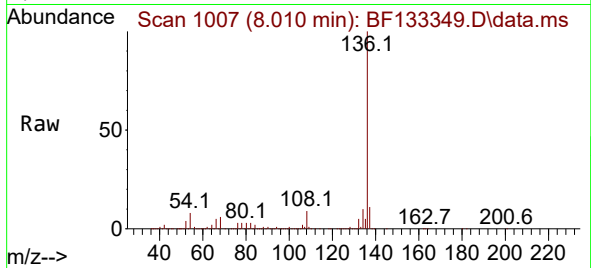
Tgt Ion:107 Resp: 580903
Ion Ratio Lower Upper
107 100
108 96.8 70.5 110.5
77 52.4 91.7 131.7#
79 29.8 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

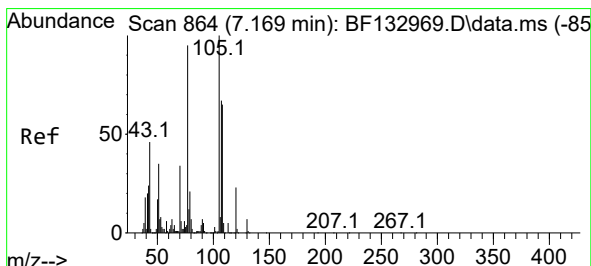
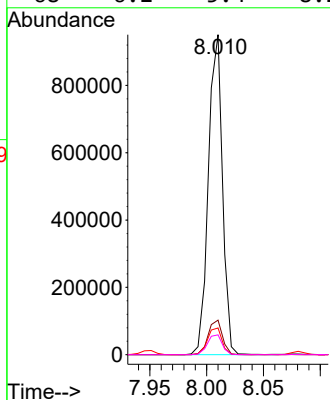
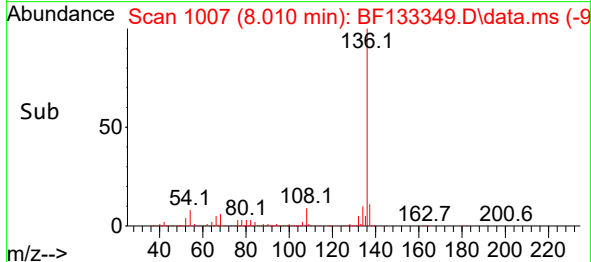
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:136 Resp: 81839
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.4 7.0 10.4
68 6.2 5.4 8.2

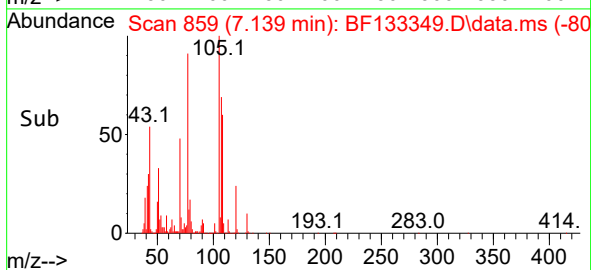
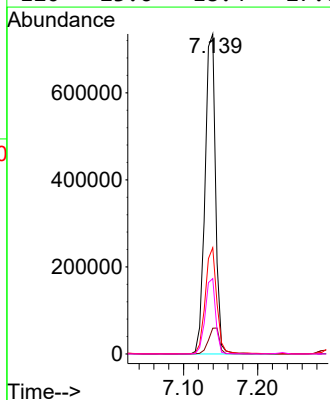
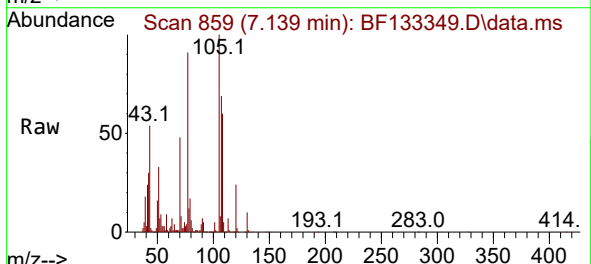
Manual Integrations
APPROVED

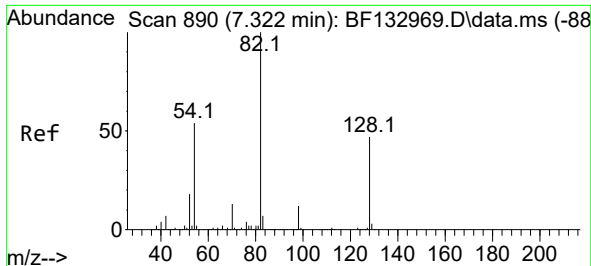
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#22
Acetophenone
Concen: 38.432 ng
RT: 7.139 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

Tgt Ion:105 Resp: 728584
Ion Ratio Lower Upper
105 100
71 8.0 4.6 7.0#
51 33.2 28.2 42.2
120 23.6 18.4 27.6





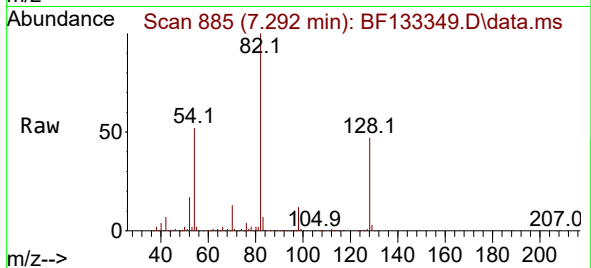
#23
Nitrobenzene-d5
Concen: 76.724 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

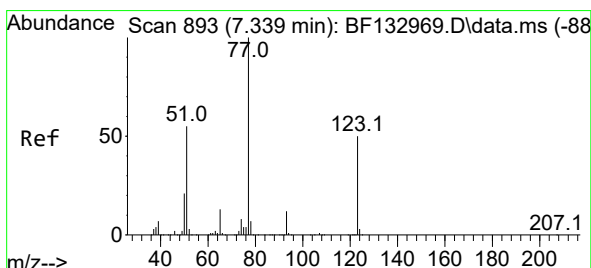
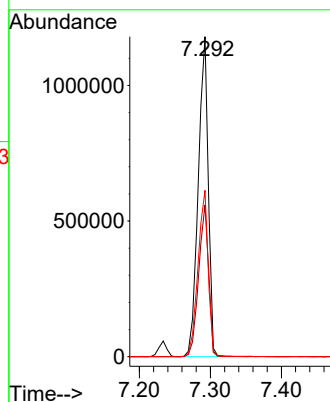
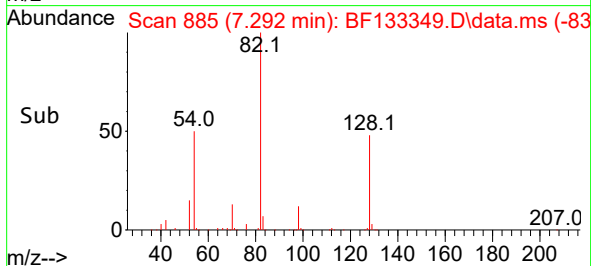


Tgt Ion: 82 Resp: 116329
Ion Ratio Lower Upper
82 100
128 47.4 37.7 56.5
54 52.0 43.0 64.4

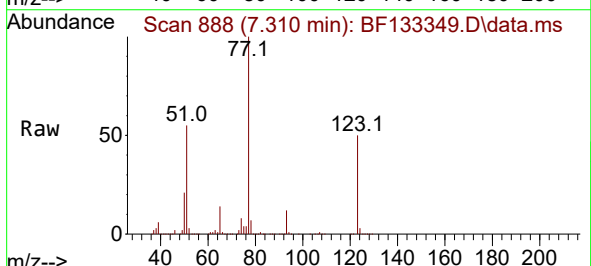
Manual Integrations

APPROVED

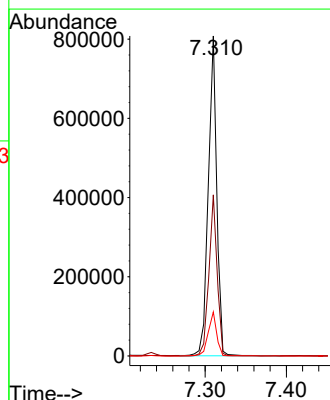
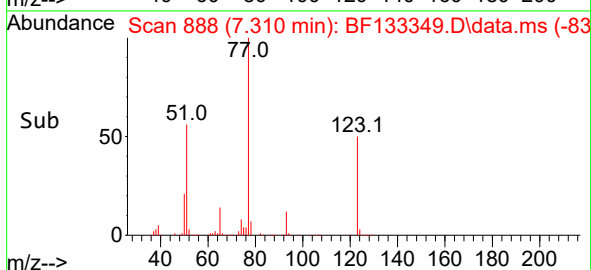
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023

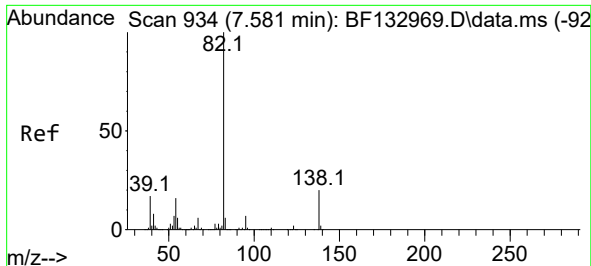


#24
Nitrobenzene
Concen: 37.815 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47



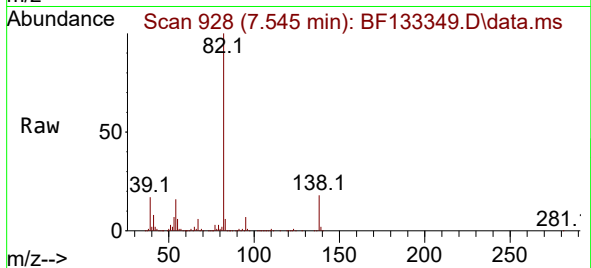
Tgt Ion: 77 Resp: 580991
Ion Ratio Lower Upper
77 100
123 50.4 39.9 59.9
65 13.7 10.7 16.1





#25
Isophorone
Concen: 36.775 ng
RT: 7.545 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

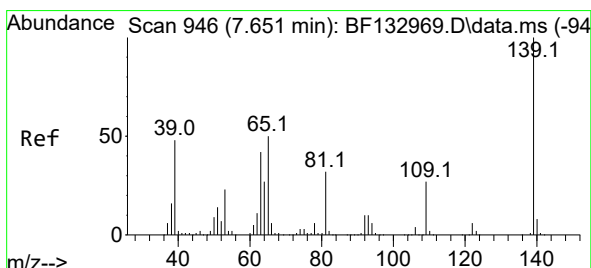
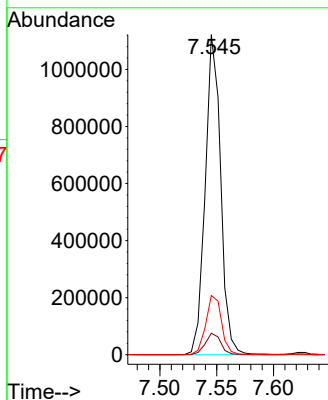
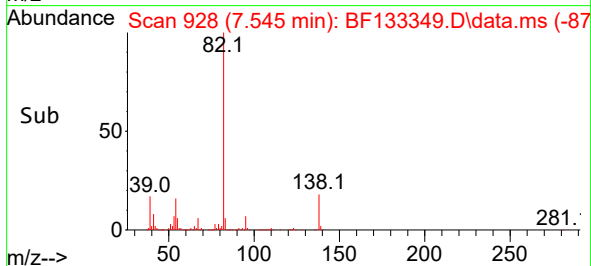
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



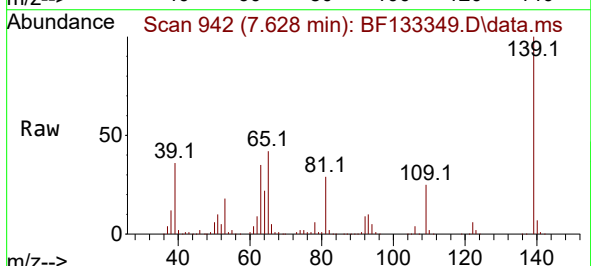
Tgt Ion: 82 Resp: 1058649
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 18.5 16.0 24.0

Manual Integrations
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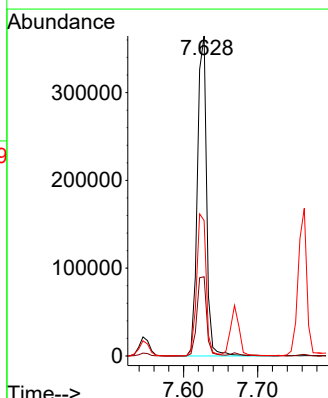
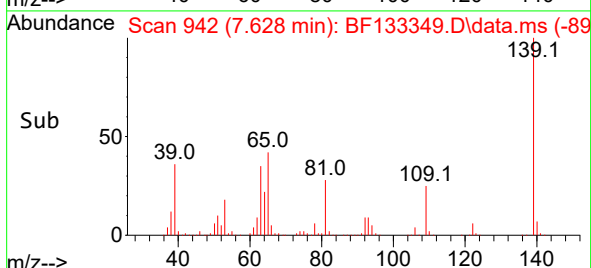
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023

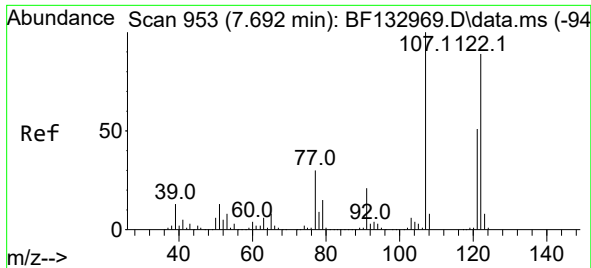


#26
2-Nitrophenol
Concen: 42.315 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47



Tgt Ion:139 Resp: 313578
Ion Ratio Lower Upper
139 100
109 24.8 21.6 32.4
65 42.3 39.8 59.6





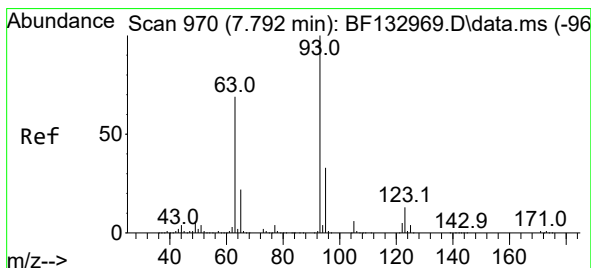
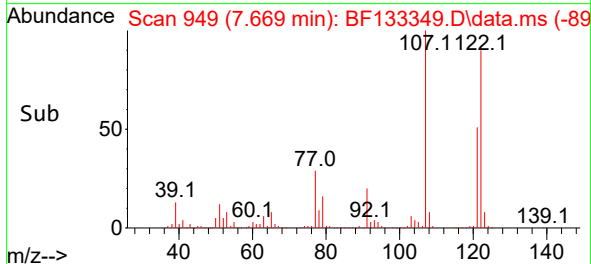
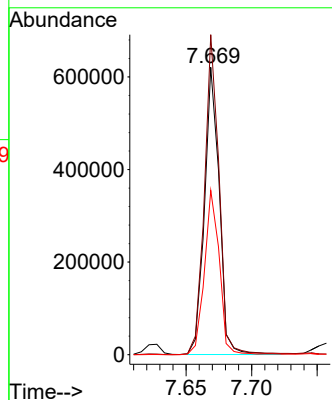
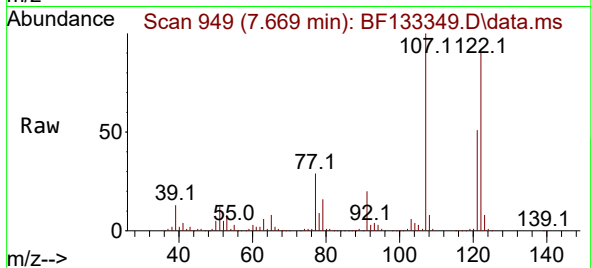
#27
2,4-Dimethylphenol
Concen: 38.365 ng
RT: 7.669 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 48749
Ion Ratio Lower Upper
122 100
107 111.4 89.7 134.5
121 57.2 46.0 69.0

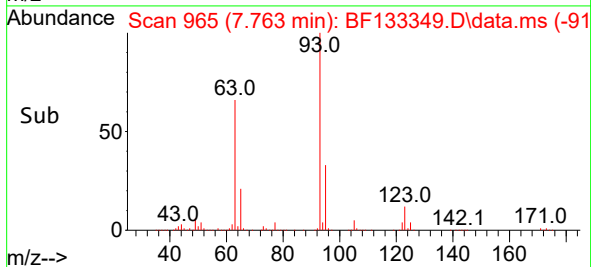
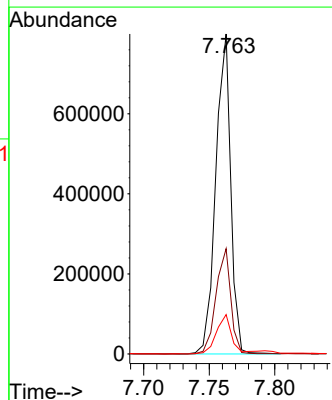
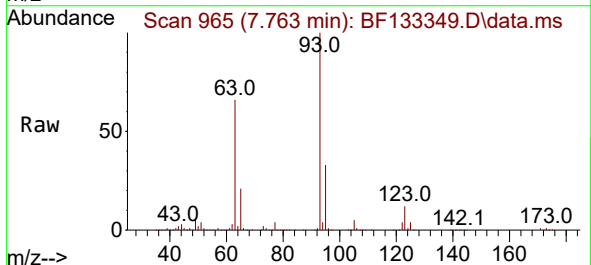
Manual Integrations
APPROVED

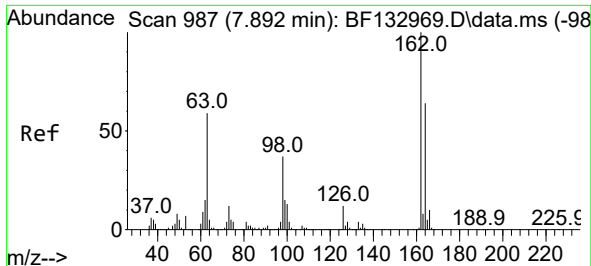
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#28
bis(2-Chloroethoxy)methane
Concen: 37.055 ng
RT: 7.763 min Scan# 965
Delta R.T. 0.000 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

Tgt Ion: 93 Resp: 631048
Ion Ratio Lower Upper
93 100
95 32.9 26.4 39.6
123 12.3 10.3 15.5





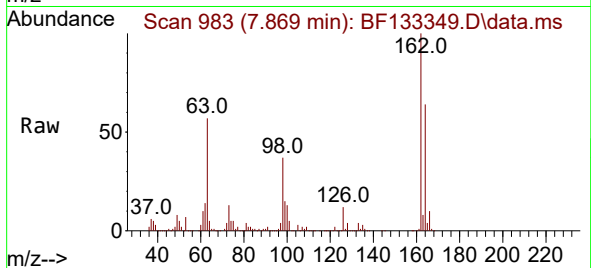
#29
2,4-Dichlorophenol
Concen: 39.744 ng
RT: 7.869 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

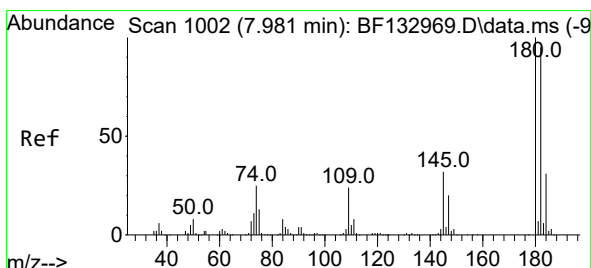
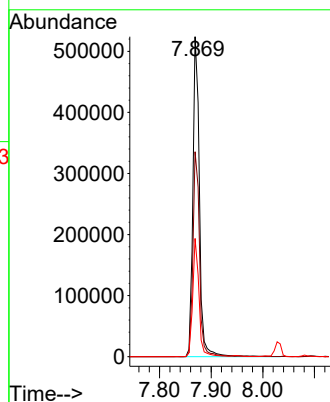
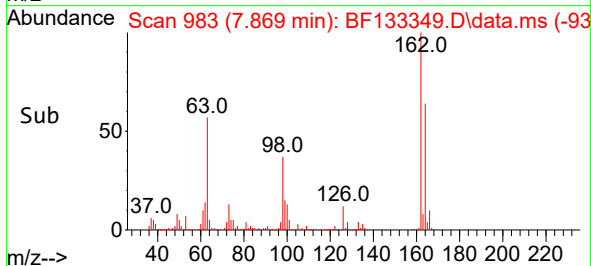


Tgt Ion:162 Resp: 459749
Ion Ratio Lower Upper
162 100
164 64.1 43.9 83.9
98 37.0 17.0 57.0

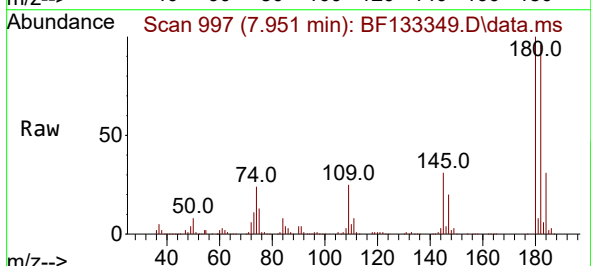
Manual Integrations

APPROVED

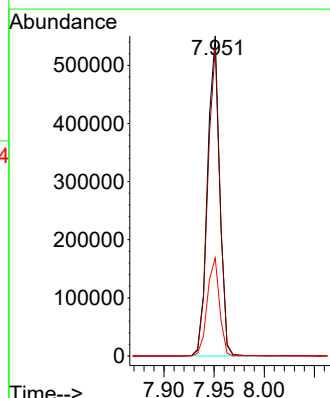
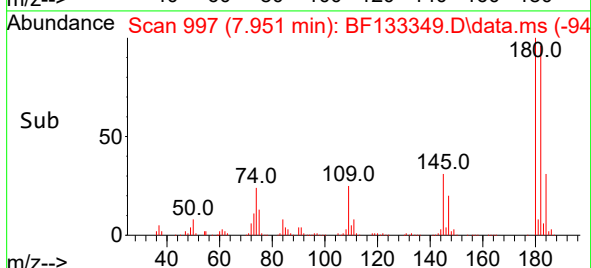
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023

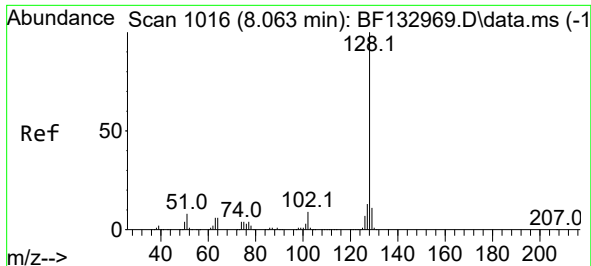


#30
1,2,4-Trichlorobenzene
Concen: 39.020 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.000 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47



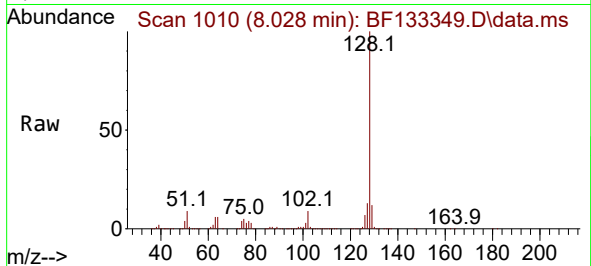
Tgt Ion:180 Resp: 467622
Ion Ratio Lower Upper
180 100
182 96.5 75.9 113.9
145 30.6 25.3 37.9





#31
Naphthalene
Concen: 38.766 ng
RT: 8.028 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

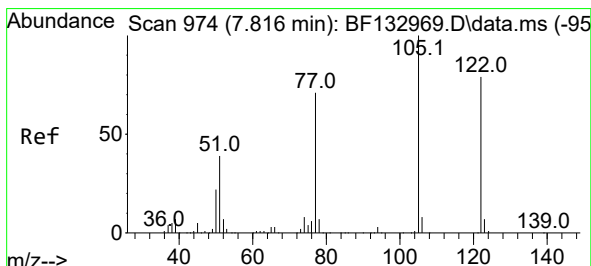
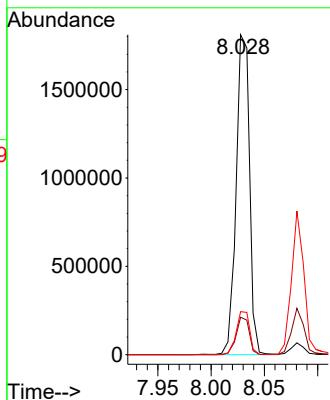
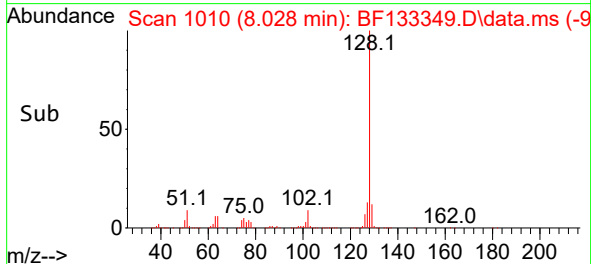
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 158619
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 13.5 10.7 16.1

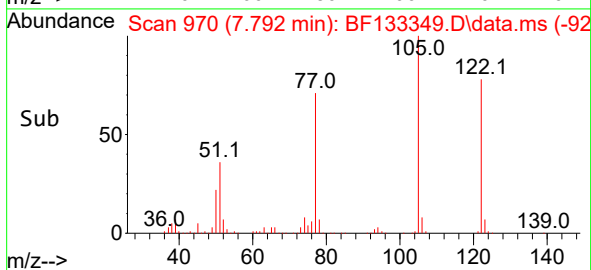
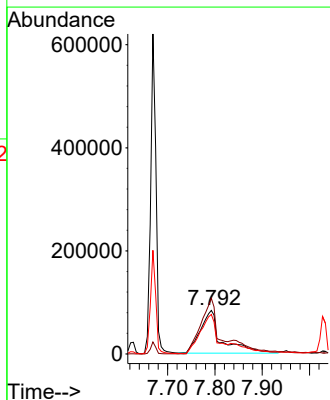
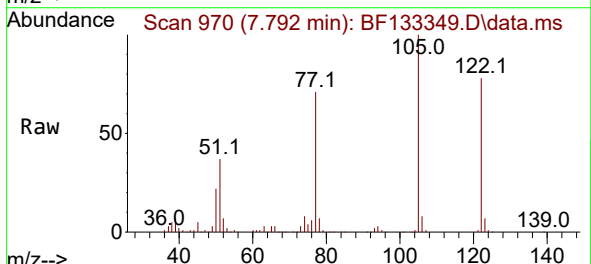
Manual Integrations
APPROVED

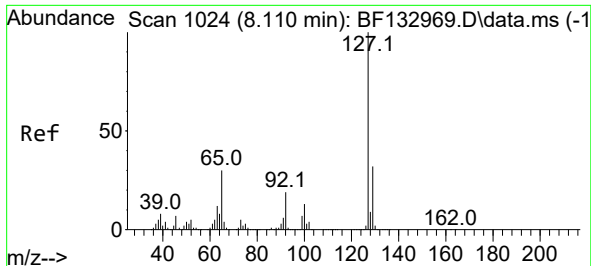
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#32
Benzoic acid
Concen: 33.008 ng m
RT: 7.792 min Scan# 970
Delta R.T. -0.012 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

Tgt Ion:122 Resp: 259079
Ion Ratio Lower Upper
122 100
105 127.8 104.2 144.2
77 90.7 69.7 109.7





#33
4-Chloroaniline
Concen: 41.527 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

Instrument :

BNA_F

ClientSampleId :

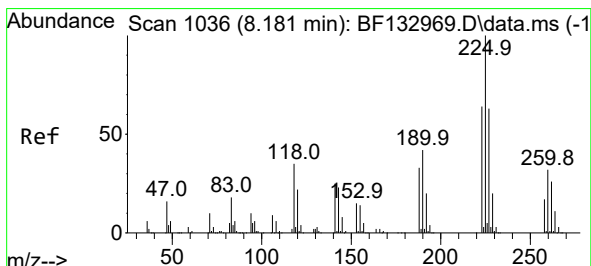
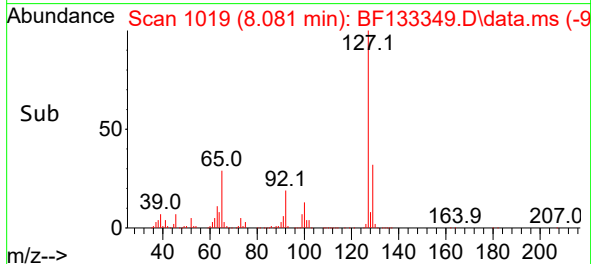
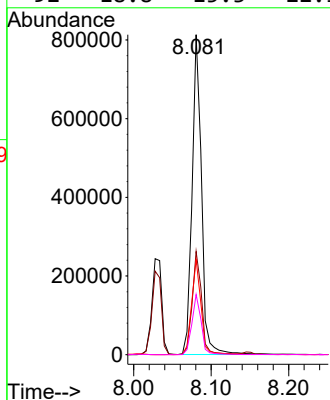
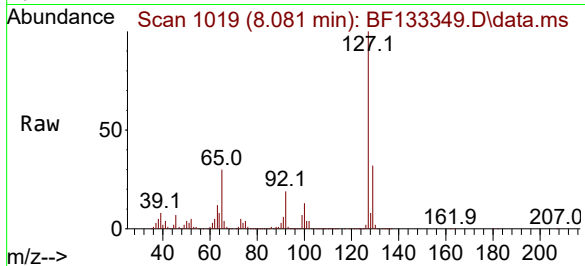
SSTDCCC040

Tgt Ion:127 Resp: 68653
Ion Ratio Lower Upper
127 100
129 32.3 25.8 38.8
65 29.7 23.6 35.4
92 18.8 15.3 22.9

Manual Integrations

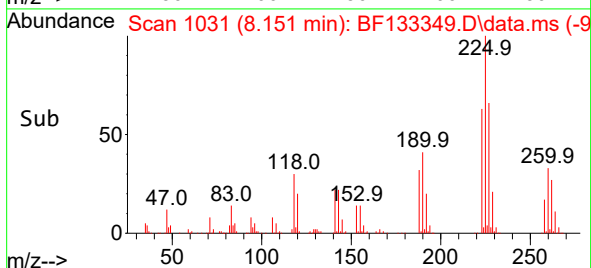
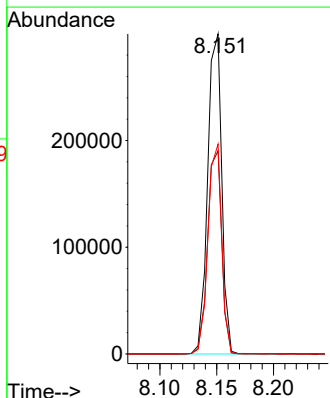
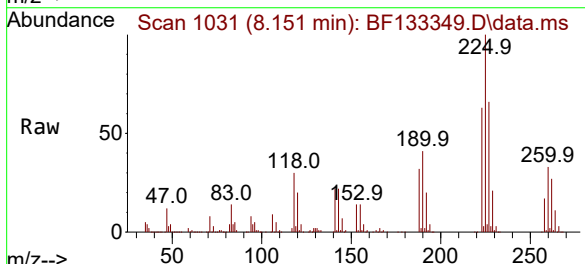
APPROVED

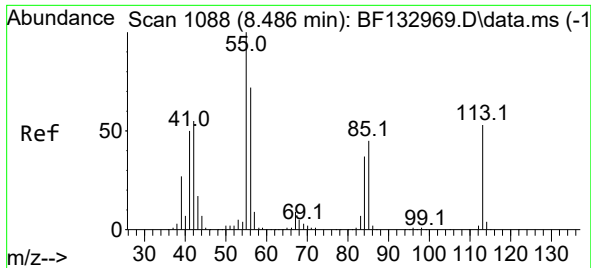
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#34
Hexachlorobutadiene
Concen: 38.717 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

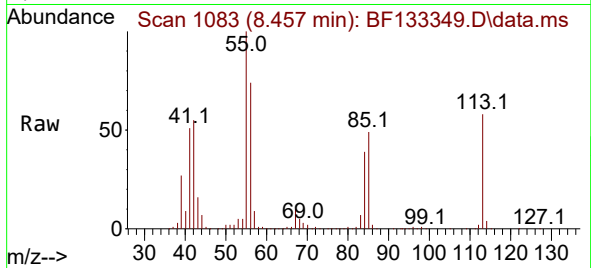
Tgt Ion:225 Resp: 257165
Ion Ratio Lower Upper
225 100
223 63.4 50.9 76.3
227 65.5 50.3 75.5





#35
Caprolactam
Concen: 40.523 ng m
RT: 8.457 min Scan# 1083
Delta R.T. -0.006 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

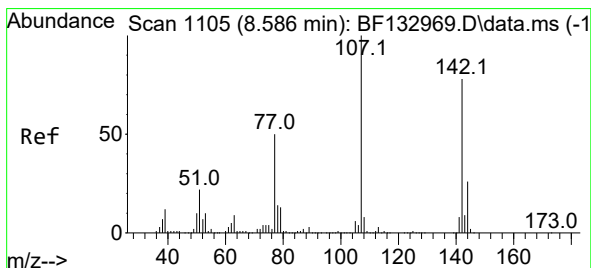
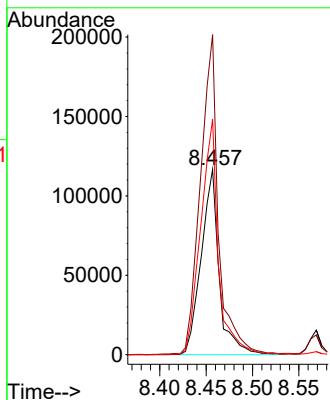
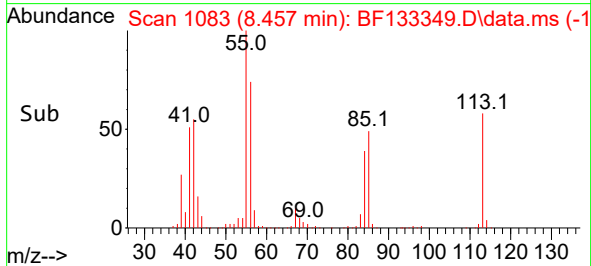
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:113 Resp: 157474
Ion Ratio Lower Upper
113 100
55 172.7 167.1 207.1
56 127.1 114.5 154.5

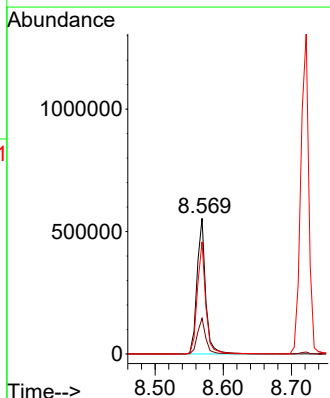
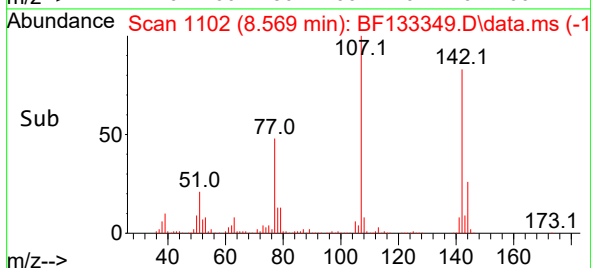
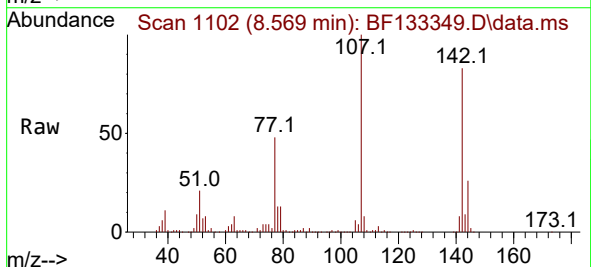
Manual Integrations
APPROVED

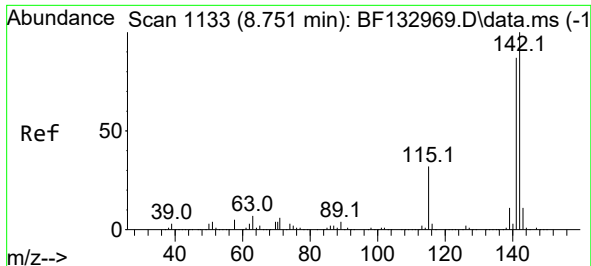
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#36
4-Chloro-3-methylphenol
Concen: 38.913 ng
RT: 8.569 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

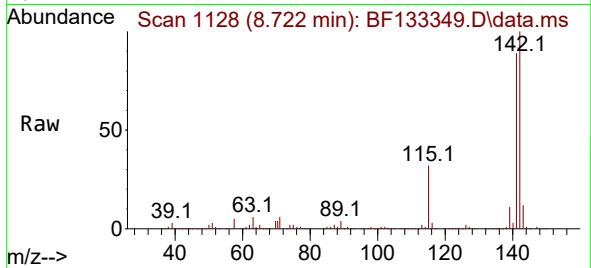
Tgt Ion:107 Resp: 485410
Ion Ratio Lower Upper
107 100
144 26.3 20.6 30.8
142 82.6 62.8 94.2





#37
2-Methylnaphthalene
Concen: 38.244 ng
RT: 8.722 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

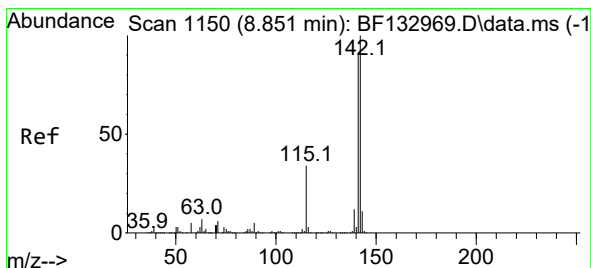
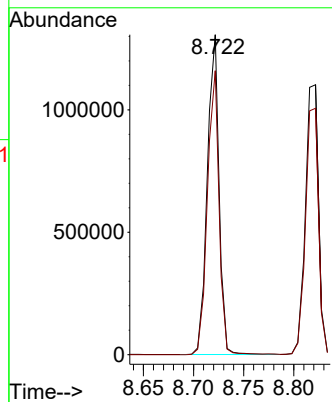
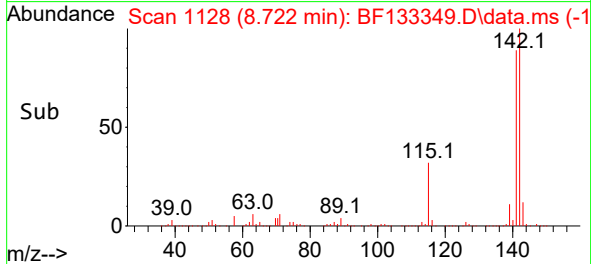
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:142 Resp: 106984
Ion Ratio Lower Upper
142 100
141 88.8 69.4 104.0

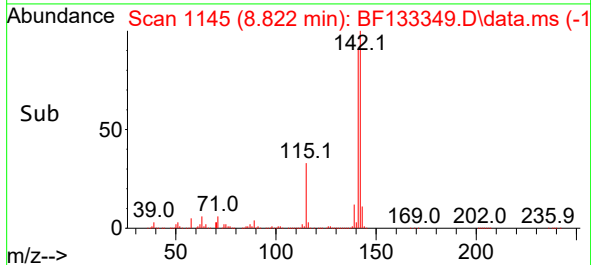
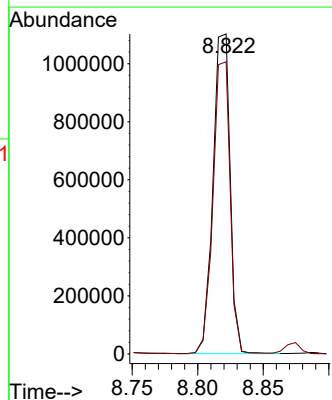
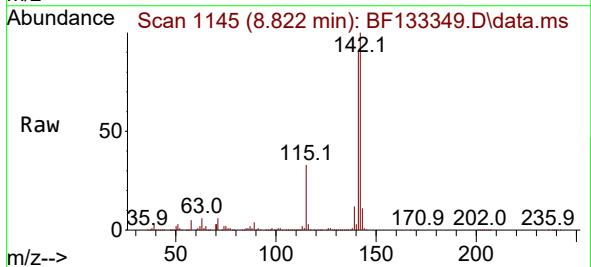
Manual Integrations
APPROVED

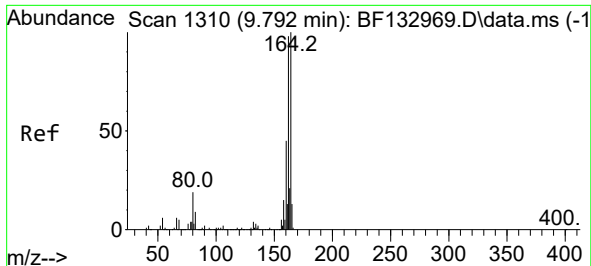
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#38
1-Methylnaphthalene
Concen: 38.252 ng
RT: 8.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

Tgt Ion:142 Resp: 1001036
Ion Ratio Lower Upper
142 100
141 91.3 73.1 109.7





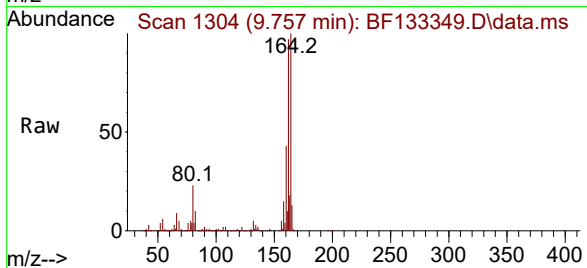
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

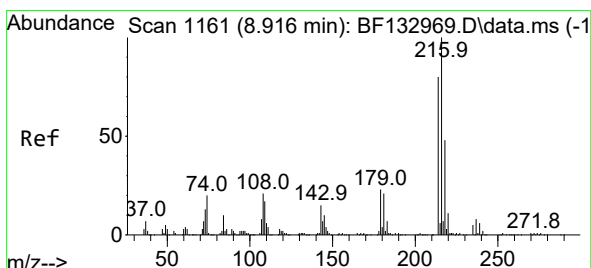
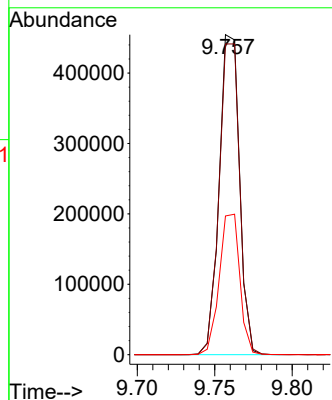
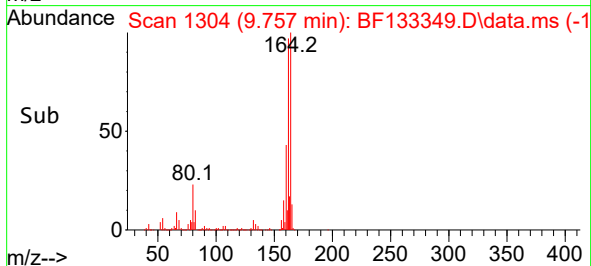


Tgt Ion:164 Resp: 415099
Ion Ratio Lower Upper
164 100
162 97.1 78.7 118.1
160 43.3 35.8 53.6

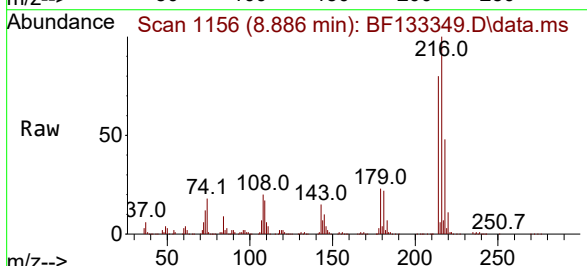
Manual Integrations

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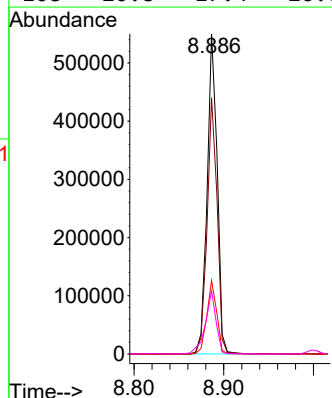
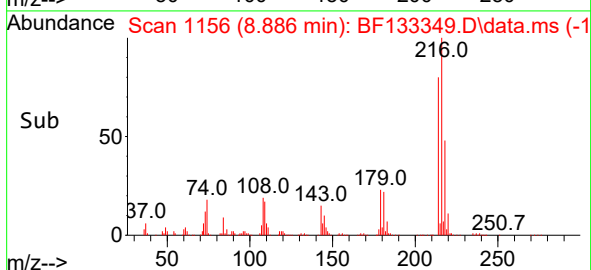
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023

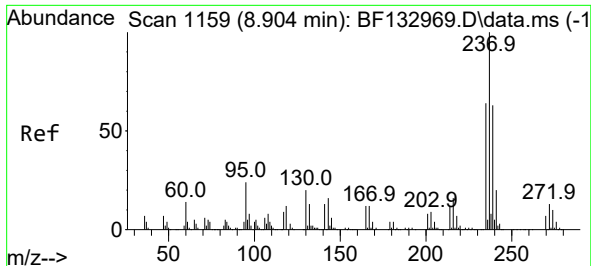


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.264 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47



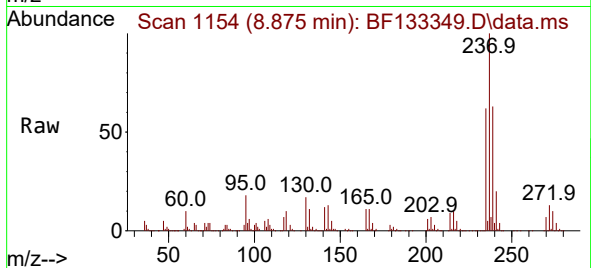
Tgt Ion:216 Resp: 427059
Ion Ratio Lower Upper
216 100
214 79.9 63.5 95.3
179 22.6 17.4 26.2
108 20.8 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 38.564 ng
RT: 8.875 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

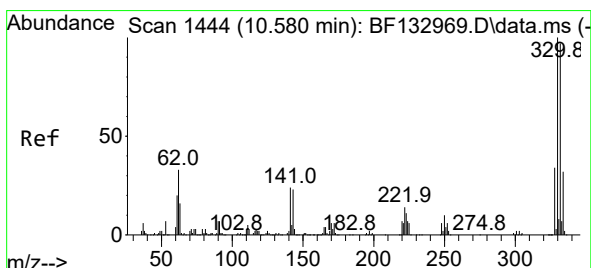
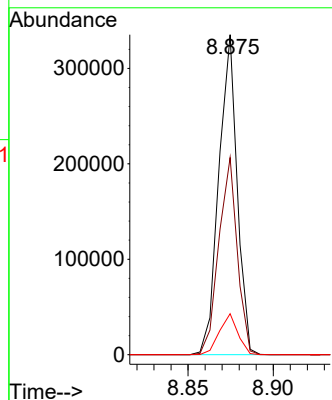
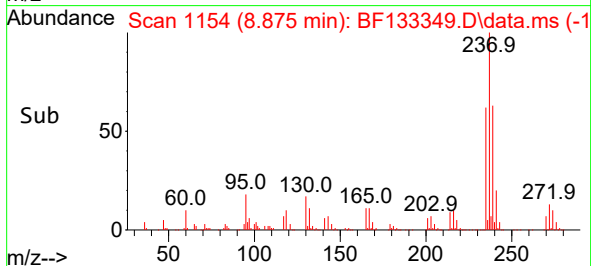
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



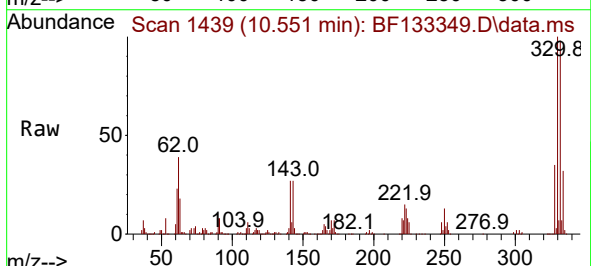
Tgt Ion: 237 Resp: 251014
Ion Ratio Lower Upper
237 100
235 61.6 43.5 83.5
272 12.8 0.0 32.7

Manual Integrations
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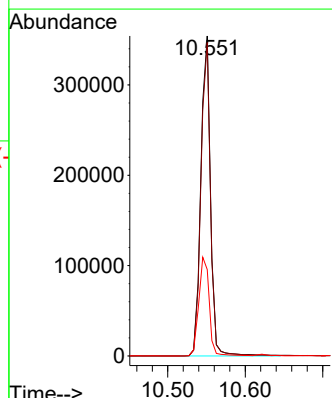
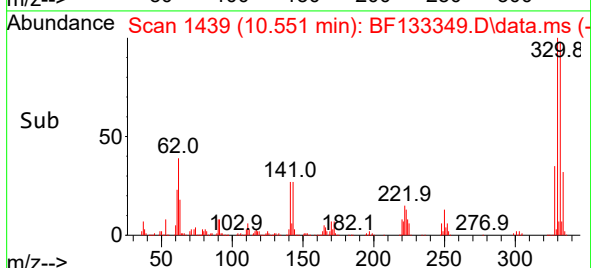
Reviewed By : Christian Giraldo 05/12/2023
Supervised By : Jagrut Upadhyay 05/15/2023

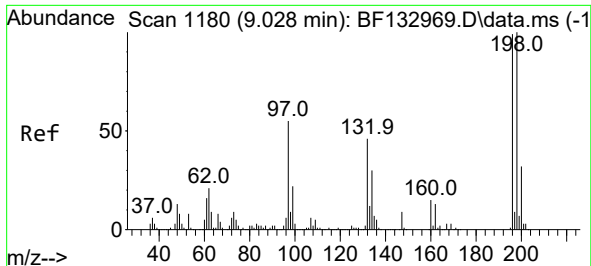


#42
2,4,6-Tribromophenol
Concen: 73.441 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47



Tgt Ion: 330 Resp: 306586
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 33.4 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 37.372 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

Instrument :

BNA_F

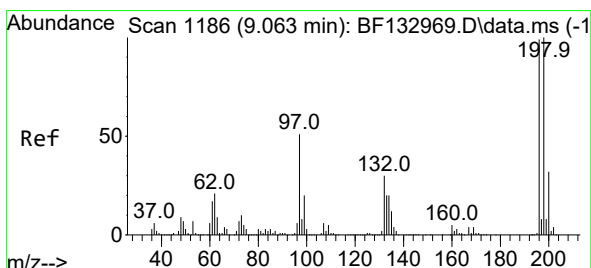
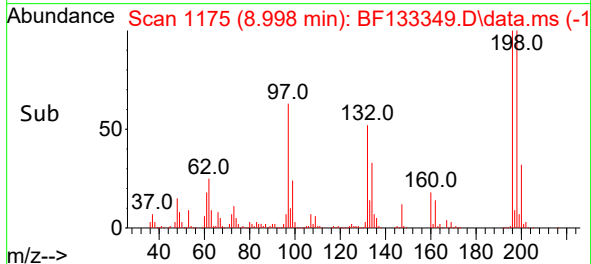
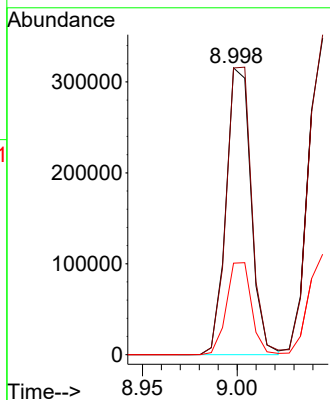
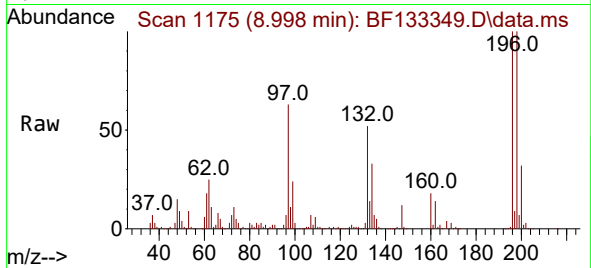
ClientSampleId :

SSTDCCC040

Tgt Ion:196 Resp: 288459
Ion Ratio Lower Upper
196 100
198 100.0 81.0 121.6
200 31.9 26.1 39.1

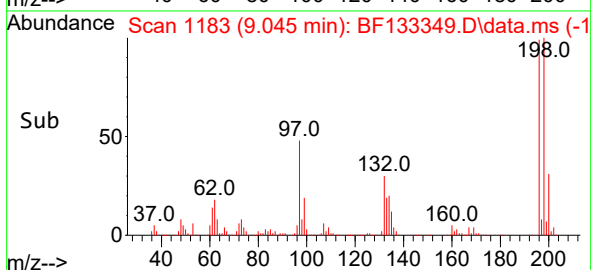
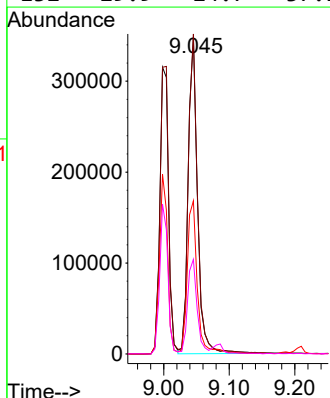
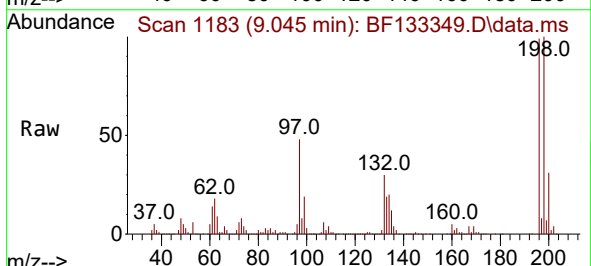
Manual Integrations
APPROVED

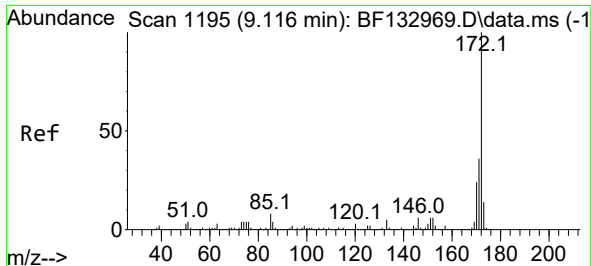
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#44
2,4,5-Trichlorophenol
Concen: 38.809 ng
RT: 9.045 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

Tgt Ion:196 Resp: 346438
Ion Ratio Lower Upper
196 100
198 101.1 80.9 121.3
97 48.4 41.3 61.9
132 29.9 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 75.644 ng

RT: 9.086 min Scan# 1195

Delta R.T. 0.000 min

Lab File: BF133349.D

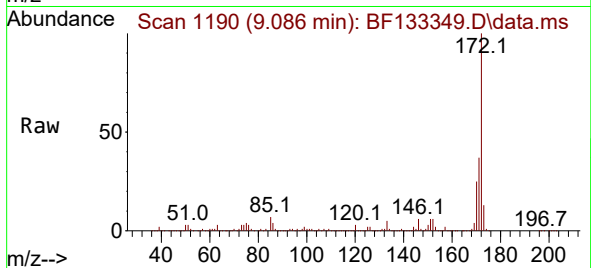
Acq: 11 May 2023 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:172 Resp: 1876860

Ion Ratio Lower Upper

172 100

171 36.6 28.8 43.2

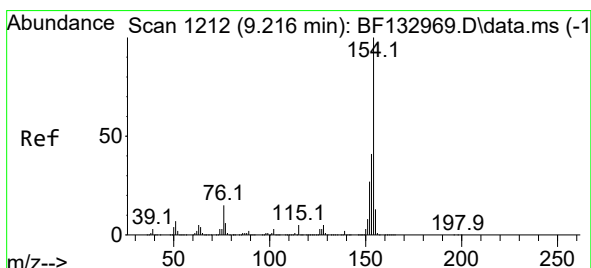
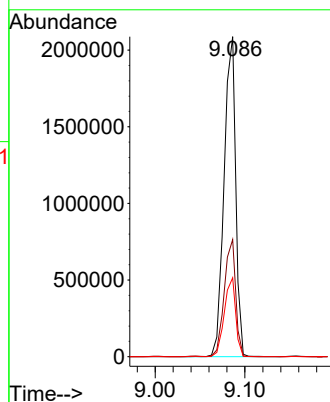
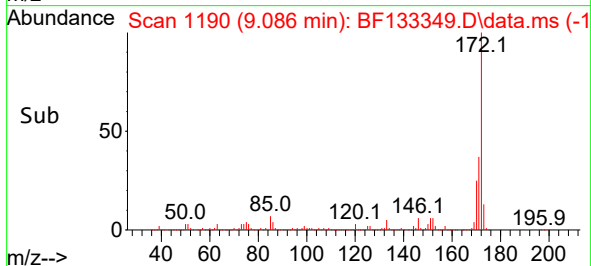
170 24.7 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/12/2023

Supervised By :Jagrut Upadhyay 05/15/2023



#46

1,1'-Biphenyl

Concen: 38.076 ng

RT: 9.186 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF133349.D

Acq: 11 May 2023 11:47

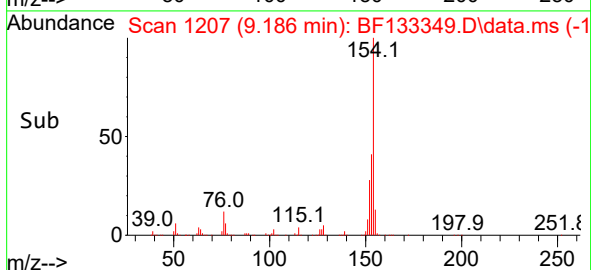
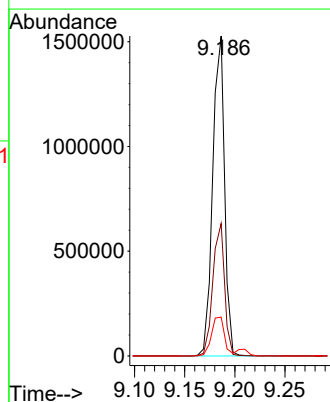
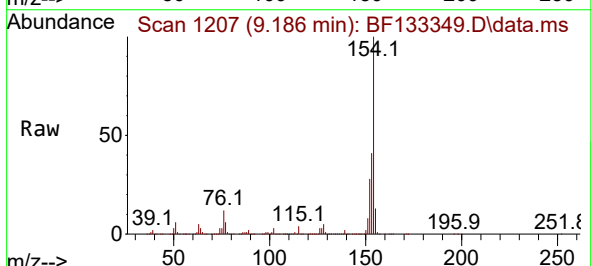
Tgt Ion:154 Resp: 1253291

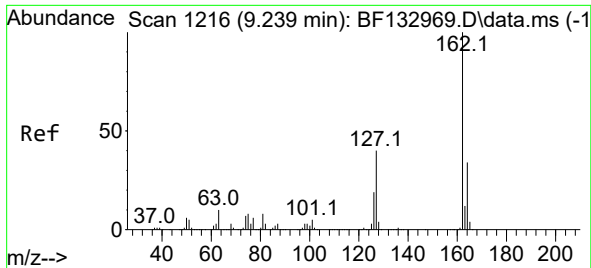
Ion Ratio Lower Upper

154 100

153 41.4 21.0 61.0

76 12.2 0.0 34.5





#47
2-Chloronaphthalene
Concen: 38.528 ng
RT: 9.210 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

Instrument :

BNA_F

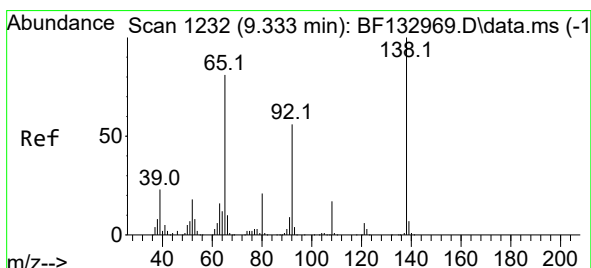
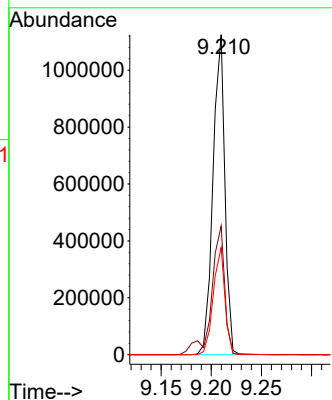
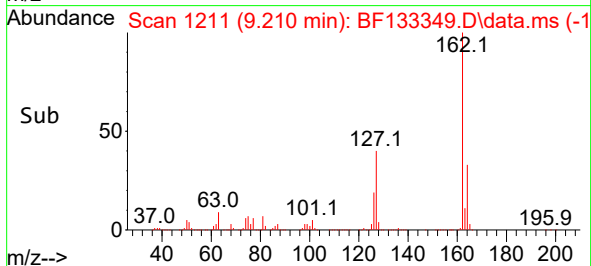
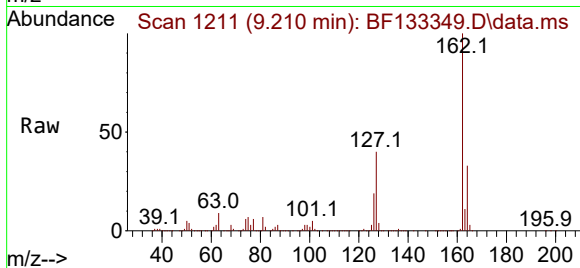
ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 92822
Ion Ratio Lower Upper
162 100
127 40.2 32.3 48.5
164 33.5 26.8 40.2

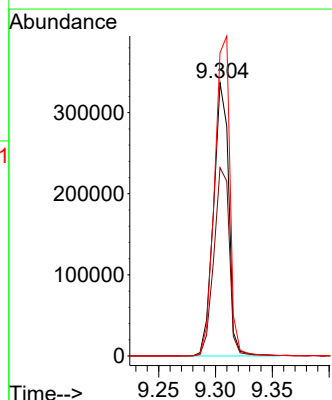
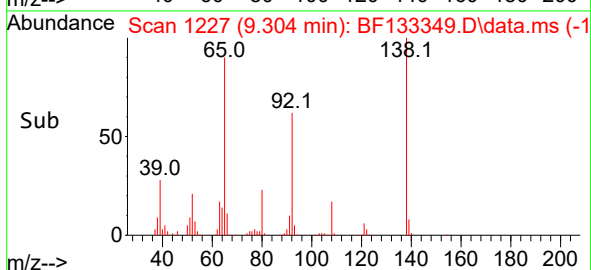
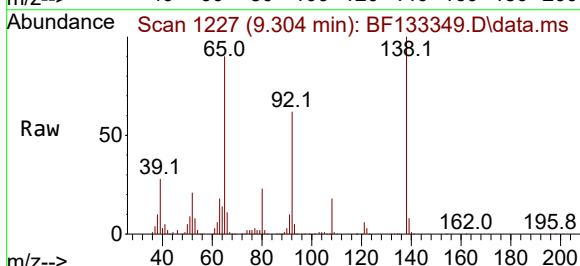
Manual Integrations
APPROVED

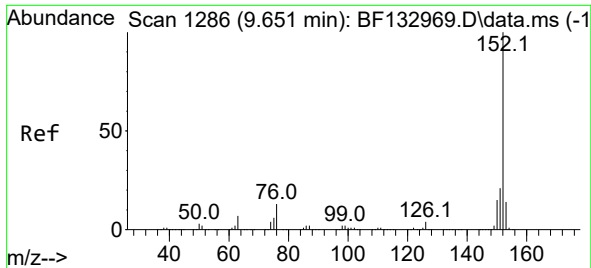
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#48
2-Nitroaniline
Concen: 39.402 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

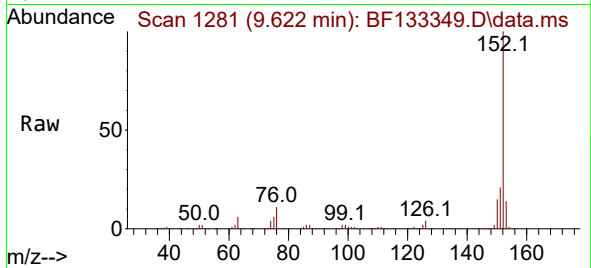
Tgt Ion: 65 Resp: 313727
Ion Ratio Lower Upper
65 100
92 68.9 55.4 83.0
138 111.0 98.2 147.2





#49
Acenaphthylene
Concen: 38.616 ng
RT: 9.622 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

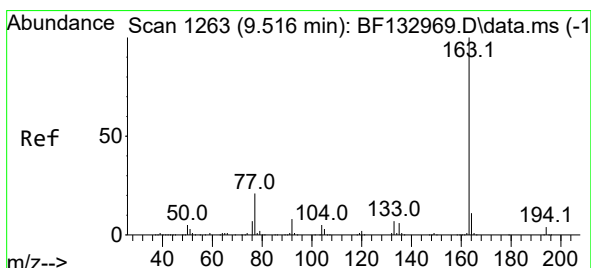
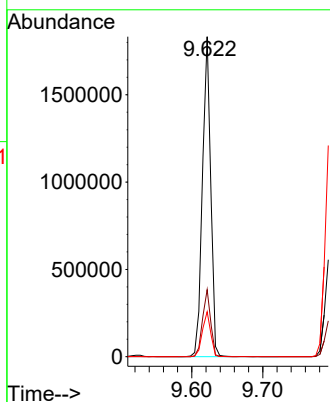
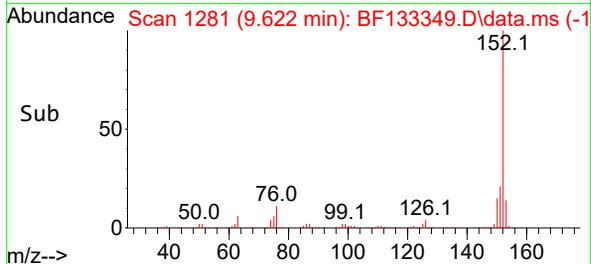
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



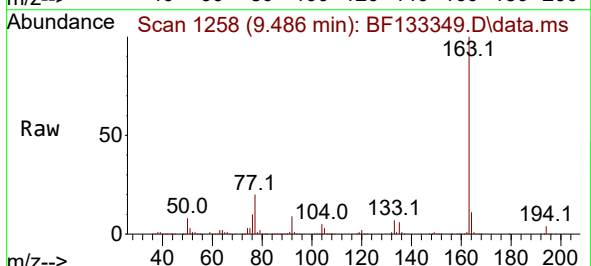
Tgt Ion:152 Resp: 1486538
Ion Ratio Lower Upper
152 100
151 21.0 16.6 24.8
153 14.1 11.5 17.3

Manual Integrations
APPROVED

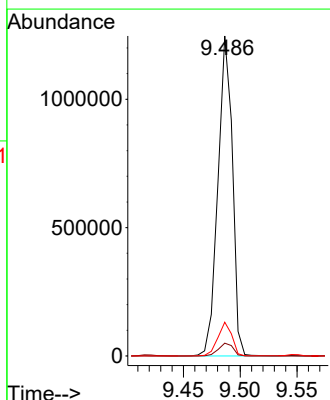
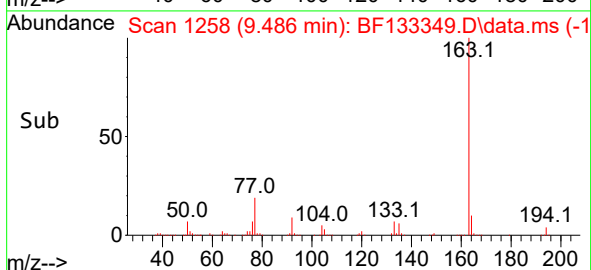
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023

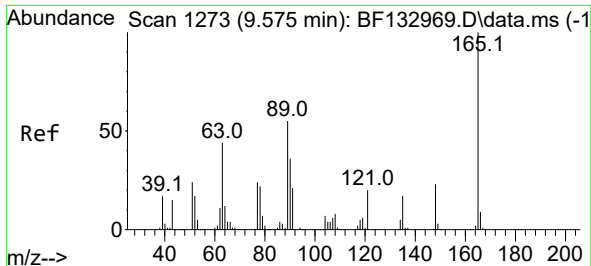


#50
Dimethylphthalate
Concen: 38.303 ng
RT: 9.486 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47



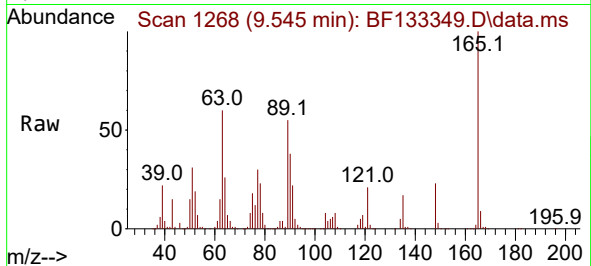
Tgt Ion:163 Resp: 1108648
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.6 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 39.133 ng
RT: 9.545 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

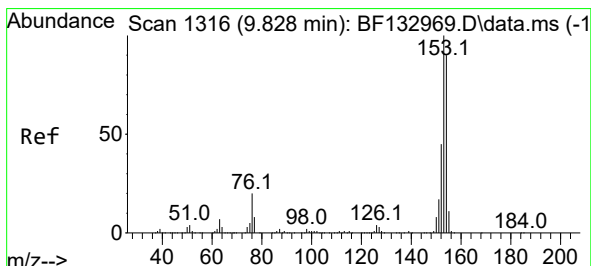
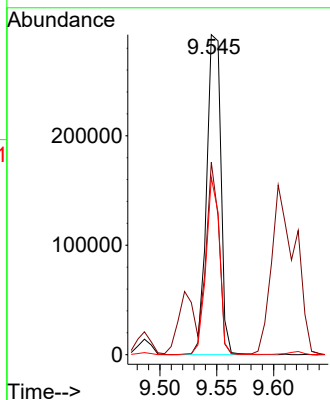
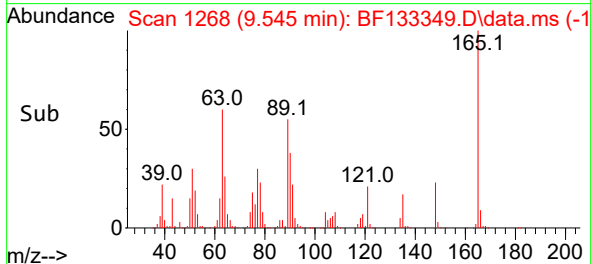
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 25493
Ion Ratio Lower Upper
165 100
63 60.1 45.9 68.9
89 55.3 44.0 66.0

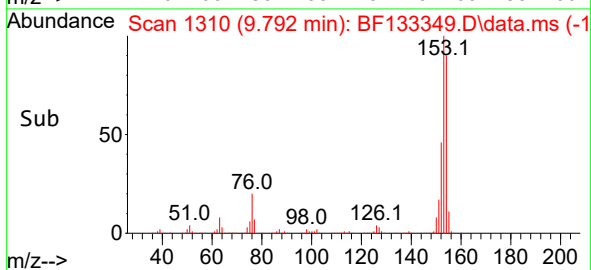
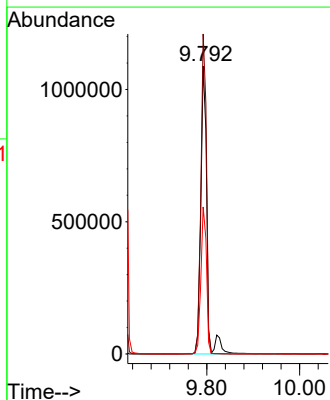
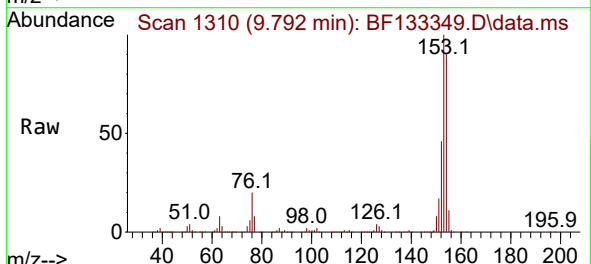
Manual Integrations
APPROVED

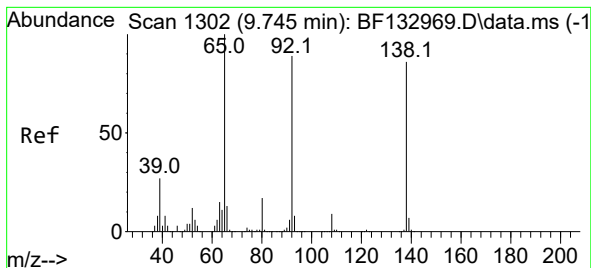
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#52
Acenaphthene
Concen: 38.246 ng m
RT: 9.792 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

Tgt Ion:154 Resp: 986074
Ion Ratio Lower Upper
154 100
153 111.1 89.0 133.6
152 51.0 40.4 60.6





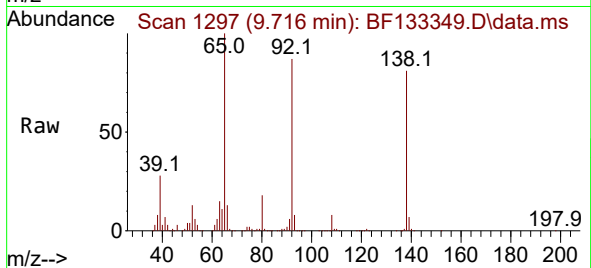
#53
3-Nitroaniline
Concen: 40.335 ng
RT: 9.716 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

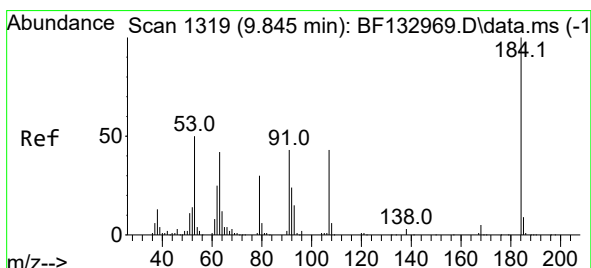
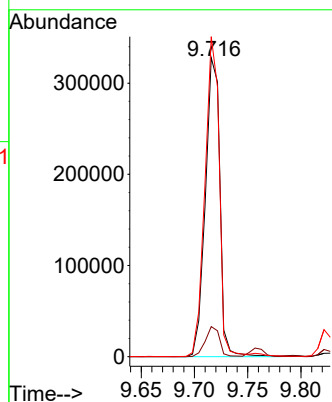
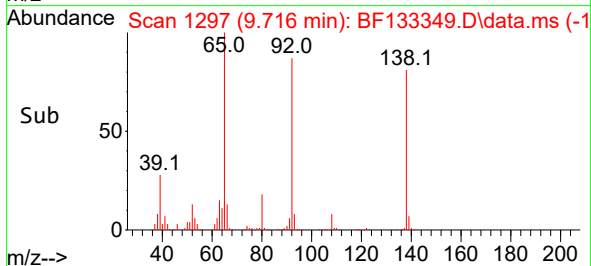


Tgt Ion:138 Resp: 312435
Ion Ratio Lower Upper
138 100
108 10.1 8.0 12.0
92 107.1 83.6 125.4

Manual Integrations

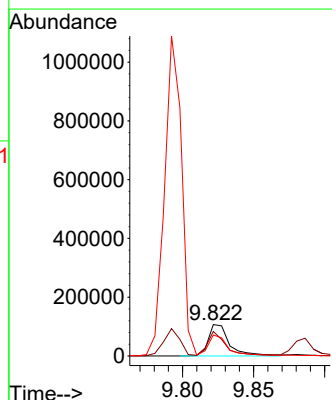
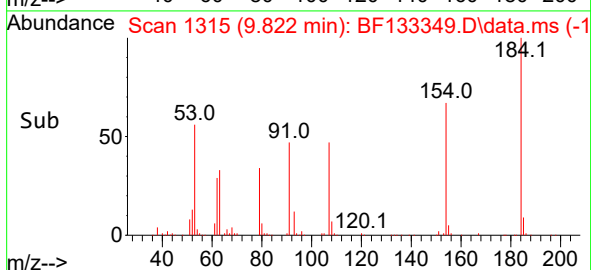
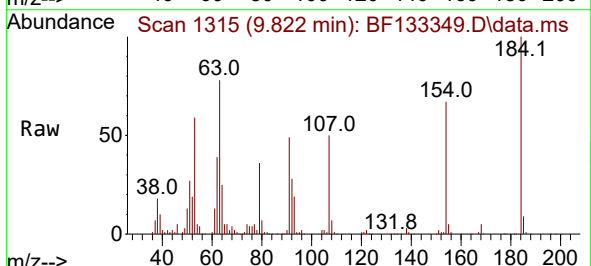
APPROVED

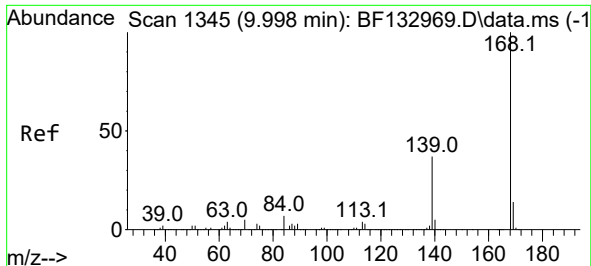
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#54
2,4-Dinitrophenol
Concen: 33.969 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

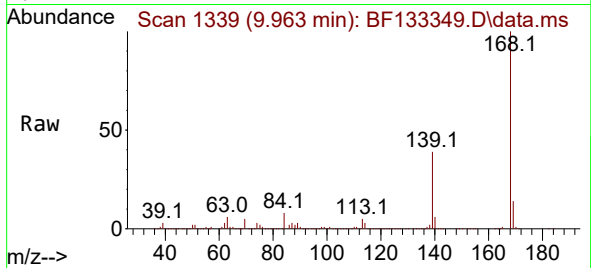
Tgt Ion:184 Resp: 111232
Ion Ratio Lower Upper
184 100
63 77.9 49.8 74.8#
154 67.0 49.5 74.3





#55
Dibenzenofuran
Concen: 37.562 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

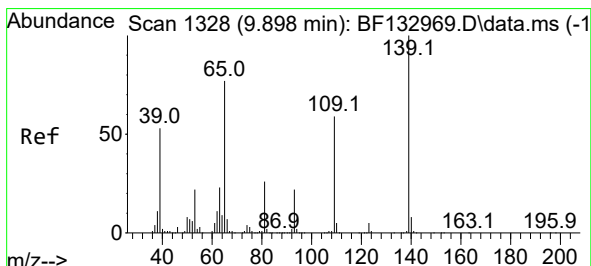
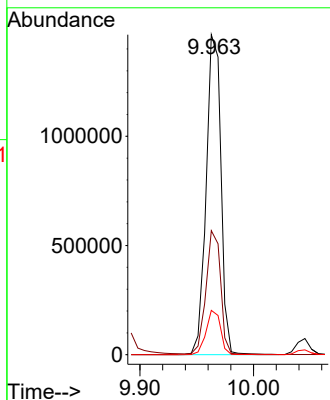
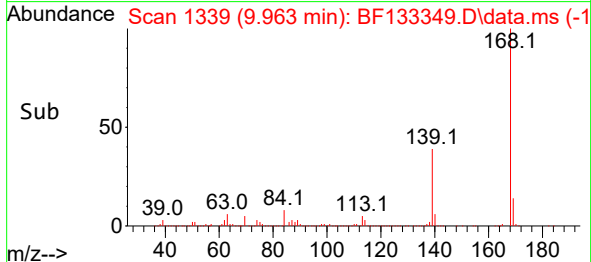
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 1321029
Ion Ratio Lower Upper
168 100
139 38.7 29.8 44.8
169 13.8 10.8 16.2

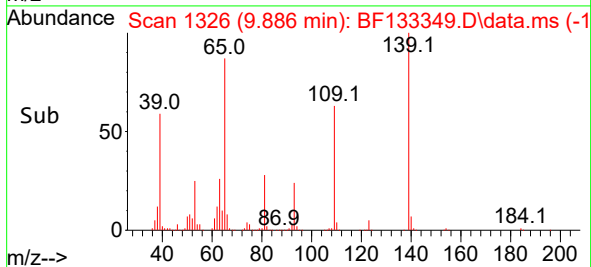
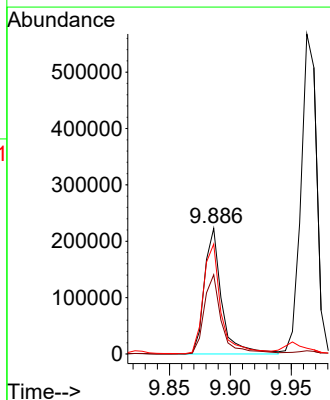
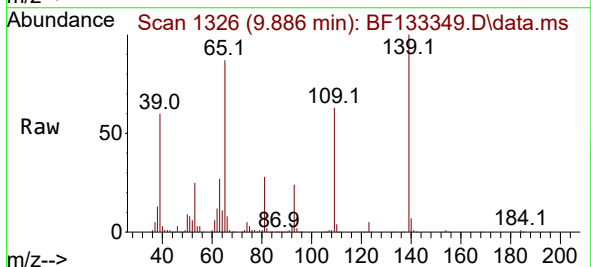
Manual Integrations
APPROVED

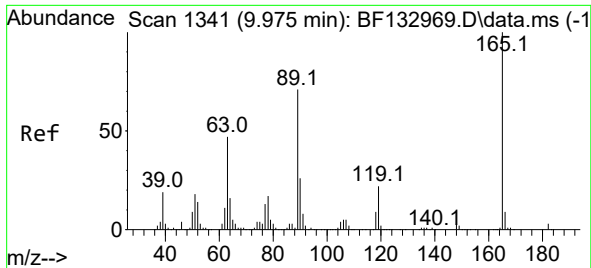
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#56
4-Nitrophenol
Concen: 36.771 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

Tgt Ion:139 Resp: 220606
Ion Ratio Lower Upper
139 100
109 63.0 39.4 79.4
65 87.4 57.5 97.5





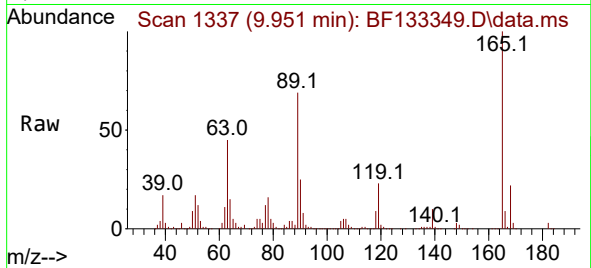
#57
2,4-Dinitrotoluene
Concen: 40.256 ng
RT: 9.951 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

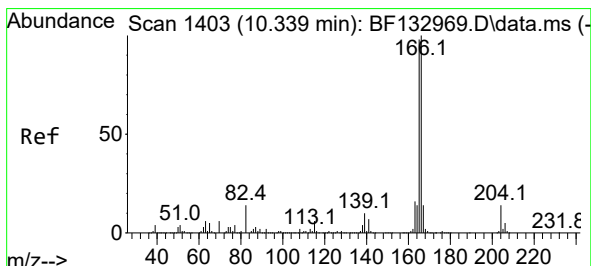
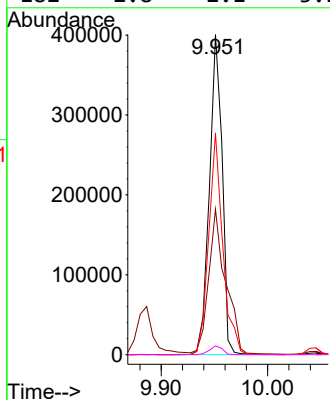
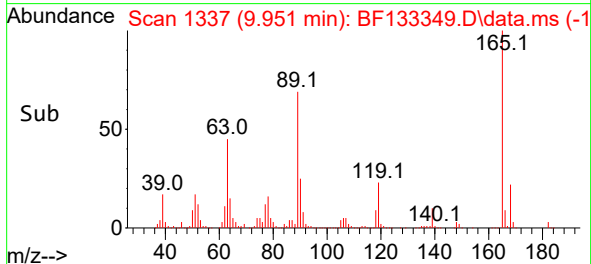


Tgt Ion:165 Resp: 334440
Ion Ratio Lower Upper
165 100
63 45.5 37.7 56.5
89 69.3 57.0 85.4
182 2.8 2.1 3.1

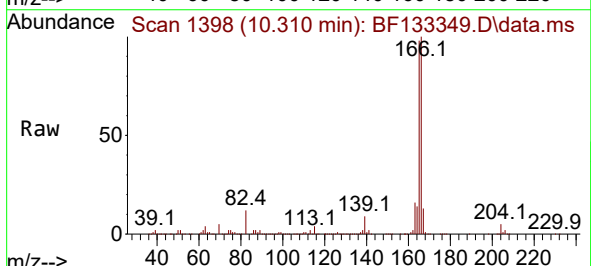
Manual Integrations

APPROVED

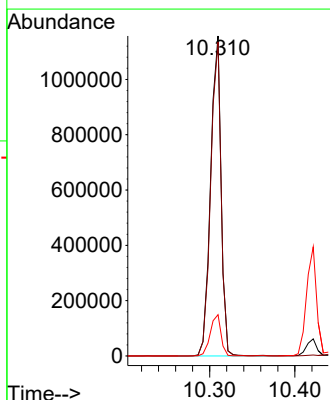
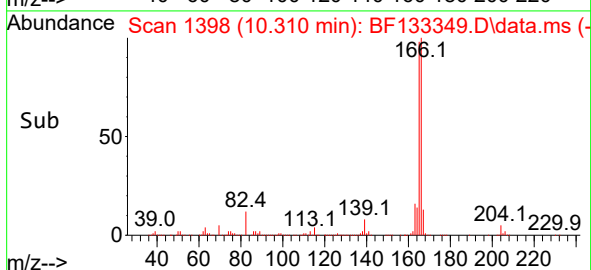
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023

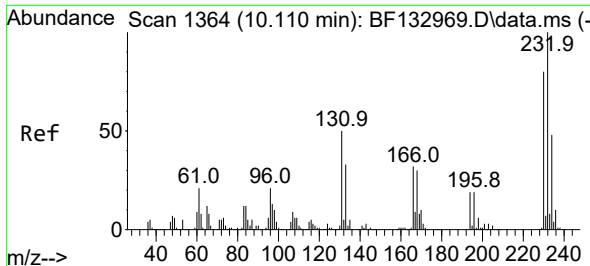


#58
Fluorene
Concen: 38.529 ng
RT: 10.310 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47



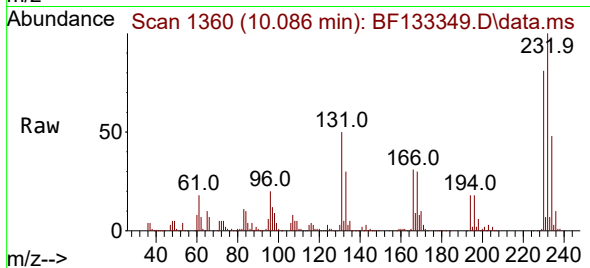
Tgt Ion:166 Resp: 992760
Ion Ratio Lower Upper
166 100
165 98.1 78.6 117.8
167 12.9 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 36.661 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

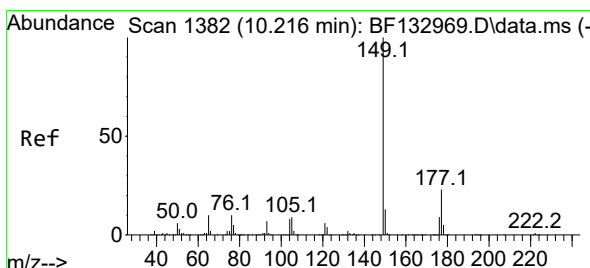
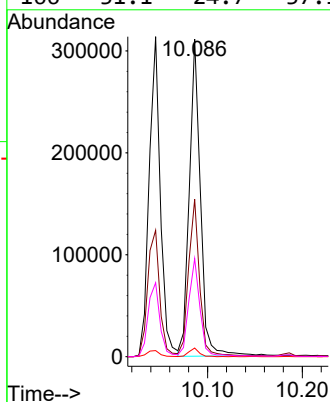
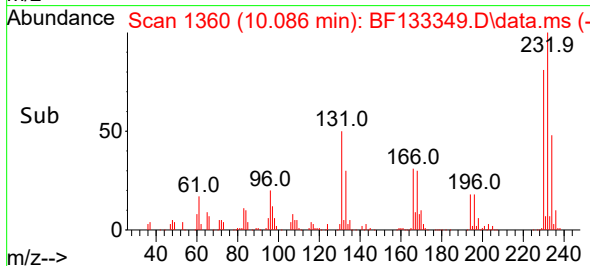
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



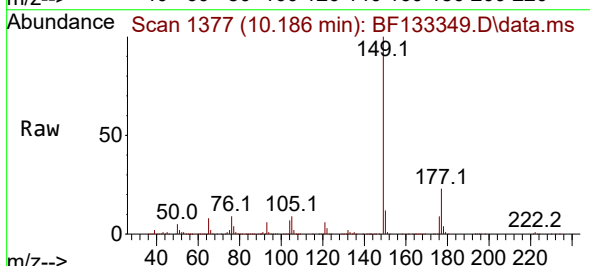
Tgt Ion:232 Resp: 25371
Ion Ratio Lower Upper
232 100
131 48.3 38.0 57.0
130 2.6 1.8 2.8
166 31.1 24.7 37.1

Manual Integrations
APPROVED

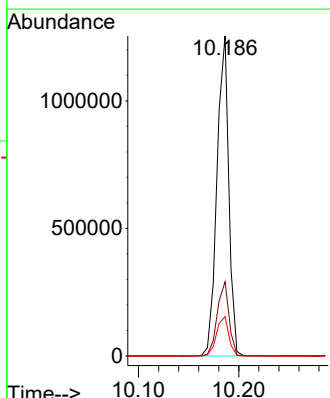
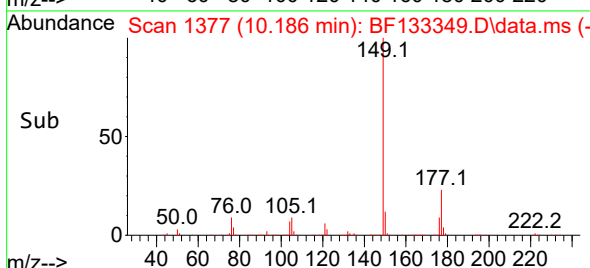
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023

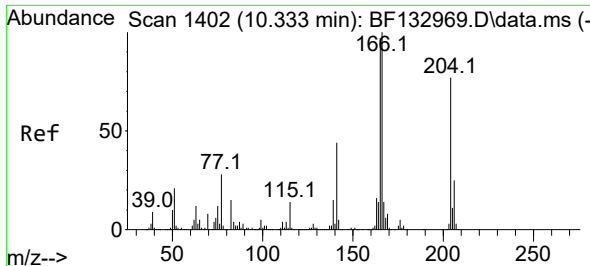


#60
Diethylphthalate
Concen: 37.531 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47



Tgt Ion:149 Resp: 1026078
Ion Ratio Lower Upper
149 100
177 23.2 18.2 27.4
150 12.3 10.2 15.4





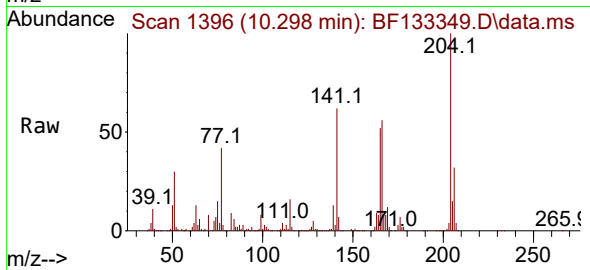
#61
4-Chlorophenyl-phenylether
Concen: 37.852 ng
RT: 10.298 min Scan# 1402
Delta R.T. -0.006 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

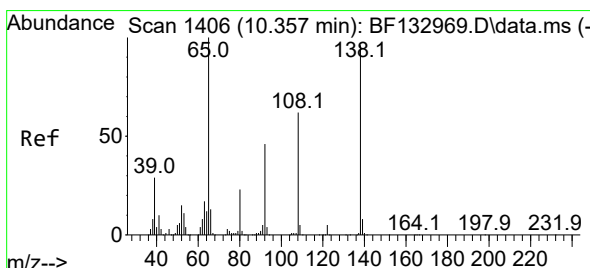
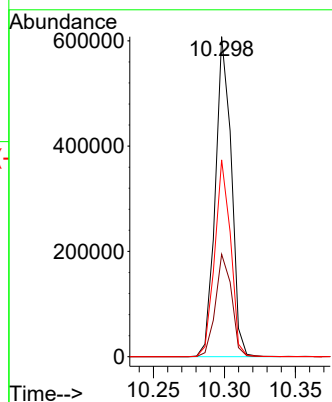
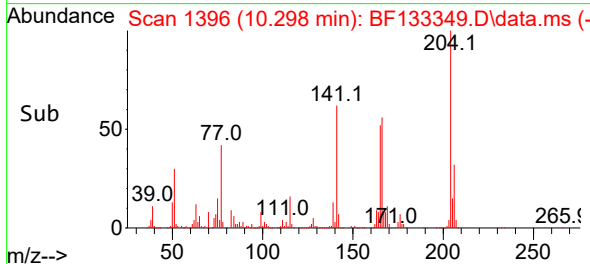


Tgt Ion:204 Resp: 475293
Ion Ratio Lower Upper
204 100
206 32.0 26.1 39.1
141 61.5 46.1 69.1

Manual Integrations

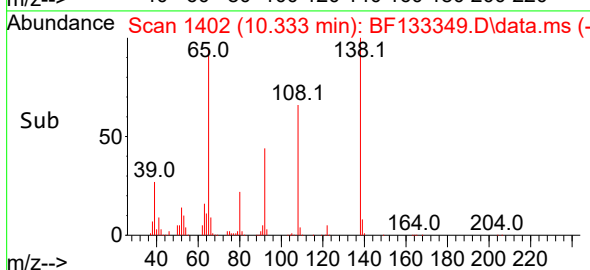
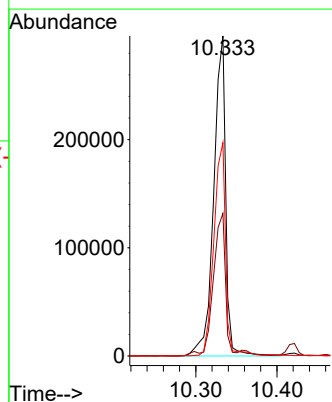
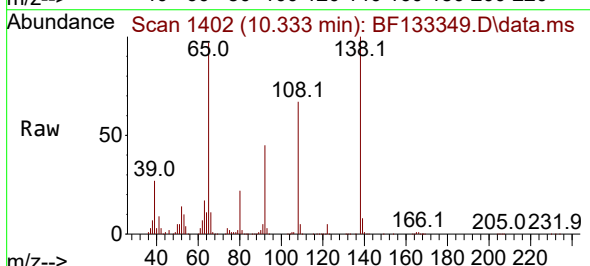
APPROVED

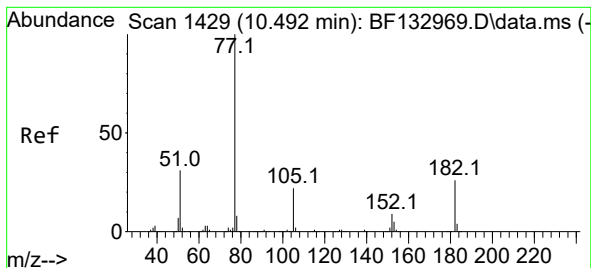
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#62
4-Nitroaniline
Concen: 42.618 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

Tgt Ion:138 Resp: 303411
Ion Ratio Lower Upper
138 100
92 44.6 27.7 67.7
108 66.6 45.2 85.2





#63

Azobenzene

Concen: 36.486 ng

RT: 10.463 min Scan# 1429

Delta R.T. 0.000 min

Lab File: BF133349.D

Acq: 11 May 2023 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 105669

Ion Ratio Lower Upper

77 100

182 28.2 5.9 45.9

105 23.8 2.3 42.3

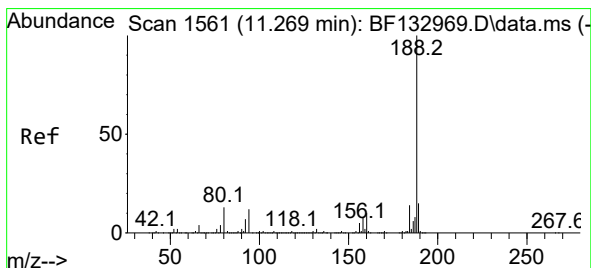
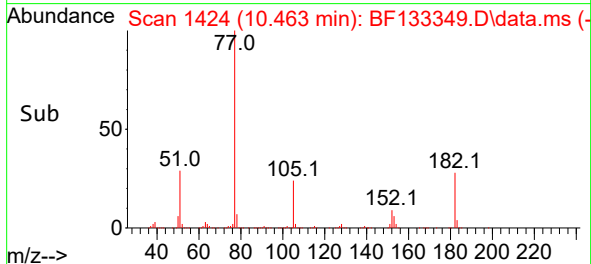
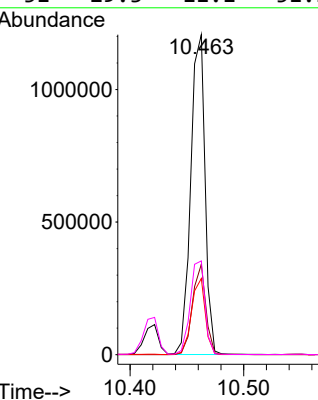
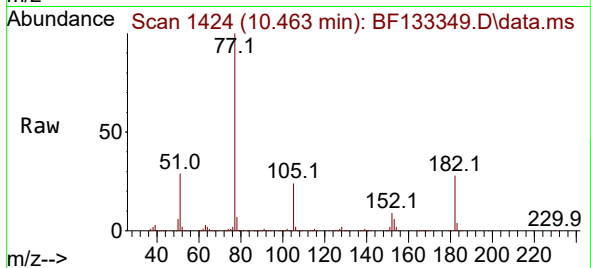
51 29.3 11.1 51.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/12/2023

Supervised By :Jagrut Upadhyay 05/15/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1556

Delta R.T. -0.006 min

Lab File: BF133349.D

Acq: 11 May 2023 11:47

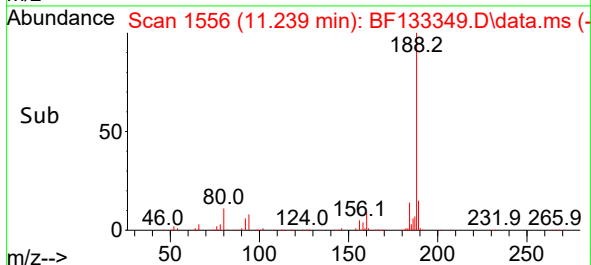
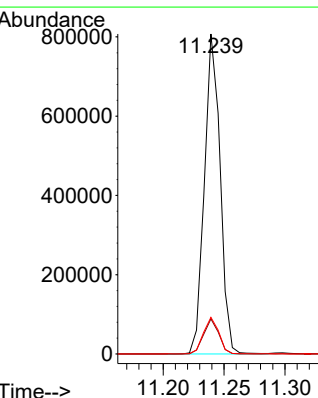
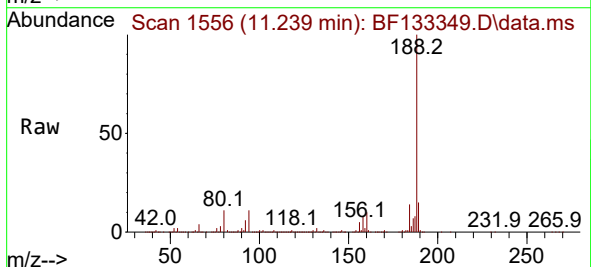
Tgt Ion:188 Resp: 726009

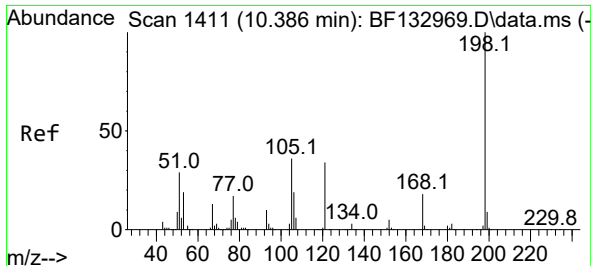
Ion Ratio Lower Upper

188 100

94 11.0 9.7 14.5

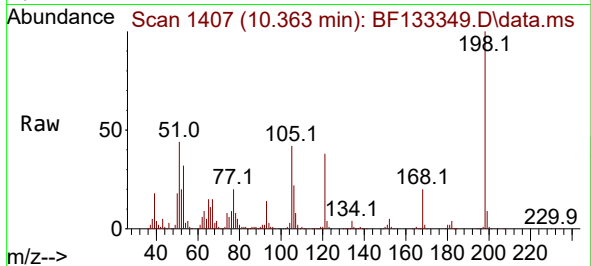
80 11.5 10.4 15.6





#65
4,6-Dinitro-2-methylphenol
Concen: 40.840 ng
RT: 10.363 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

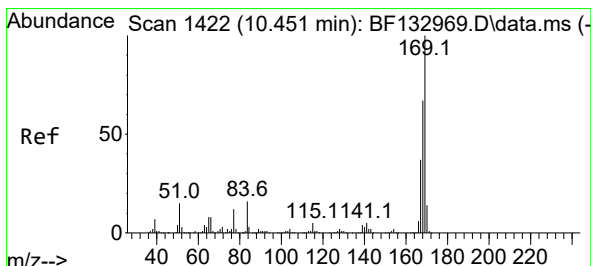
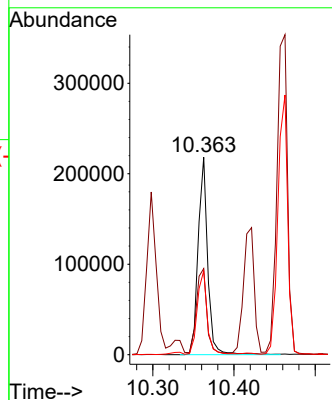
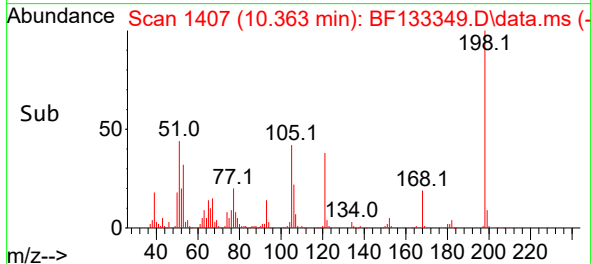
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



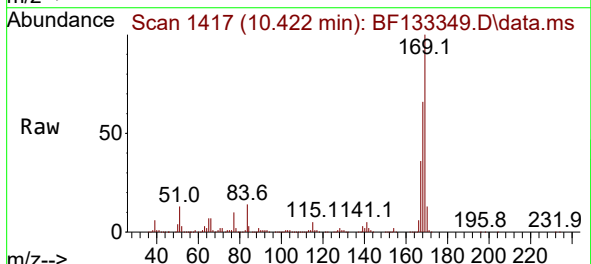
Tgt Ion:198 Resp: 17971
Ion Ratio Lower Upper
198 100
51 43.6 15.5 55.5
105 42.4 16.7 56.7

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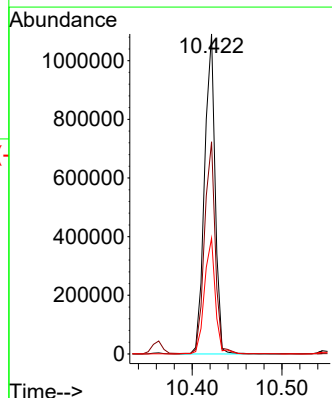
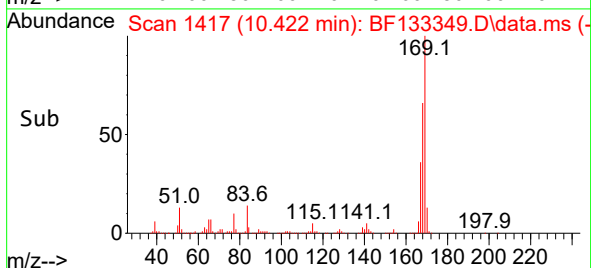
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023

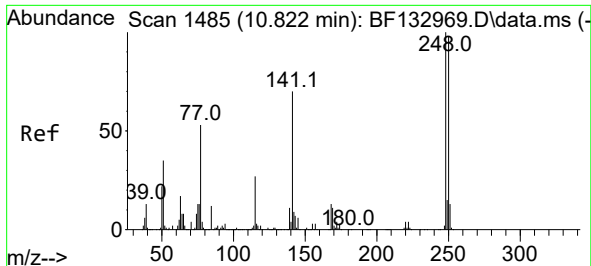


#66
n-Nitrosodiphenylamine
Concen: 37.952 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47



Tgt Ion:169 Resp: 893769
Ion Ratio Lower Upper
169 100
168 66.3 53.8 80.8
167 36.2 29.7 44.5





#67

4-Bromophenyl-phenylether

Concen: 37.369 ng

RT: 10.786 min Scan# 1485

Delta R.T. -0.006 min

Lab File: BF133349.D

Acq: 11 May 2023 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:248 Resp: 294240

Ion Ratio Lower Upper

248 100

250 96.5 78.7 118.1

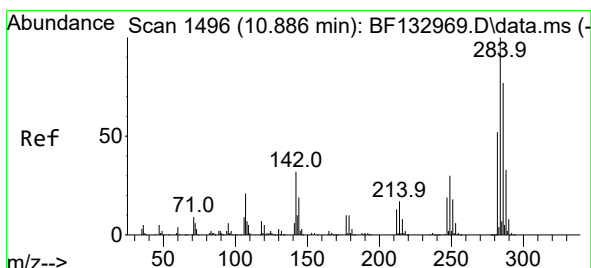
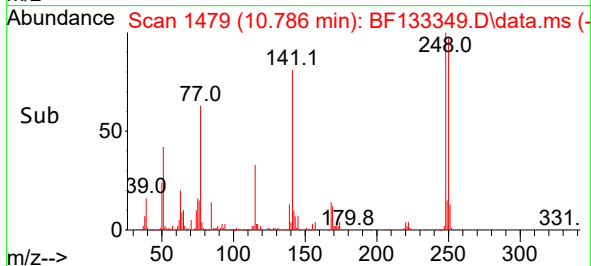
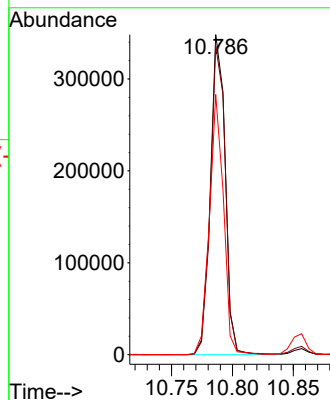
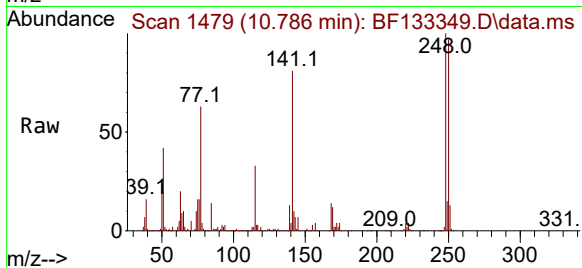
141 81.3 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/12/2023

Supervised By :Jagrut Upadhyay 05/15/2023



#68

Hexachlorobenzene

Concen: 37.861 ng

RT: 10.857 min Scan# 1491

Delta R.T. 0.000 min

Lab File: BF133349.D

Acq: 11 May 2023 11:47

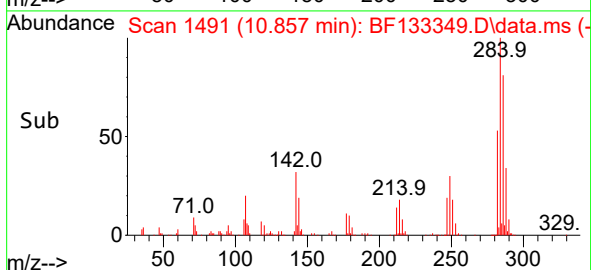
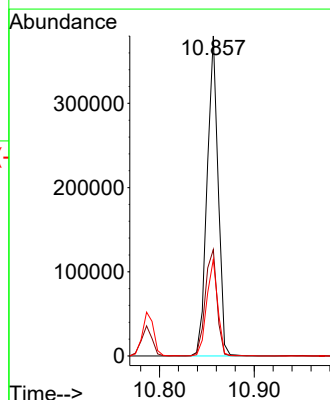
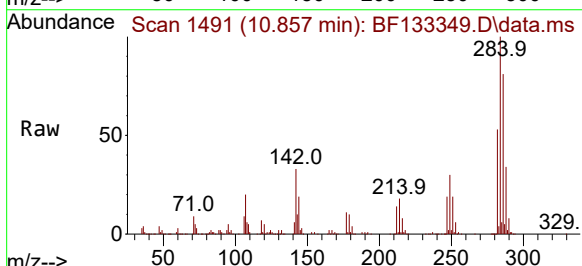
Tgt Ion:284 Resp: 305478

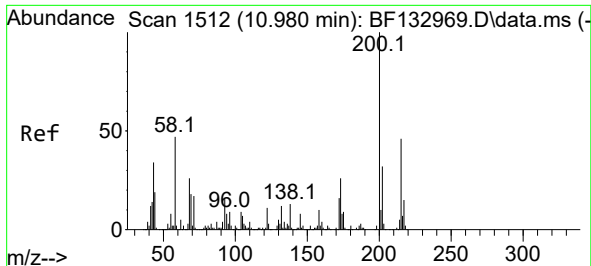
Ion Ratio Lower Upper

284 100

142 33.2 26.0 39.0

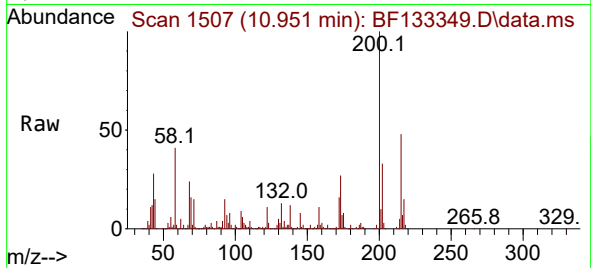
249 30.2 23.7 35.5





#69
 Atrazine
 Concen: 38.971 ng
 RT: 10.951 min Scan# 1507
 Delta R.T. 0.000 min
 Lab File: BF133349.D
 Acq: 11 May 2023 11:47

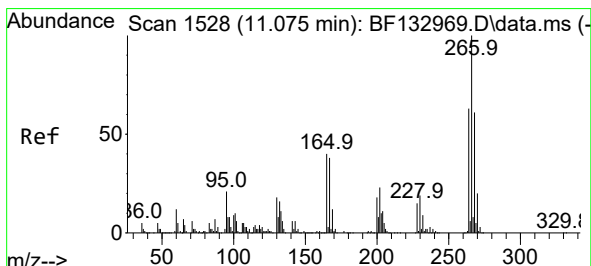
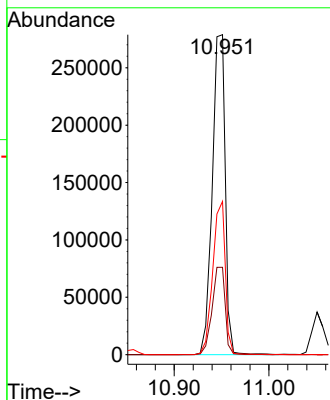
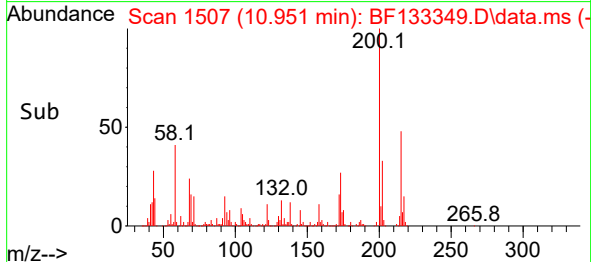
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



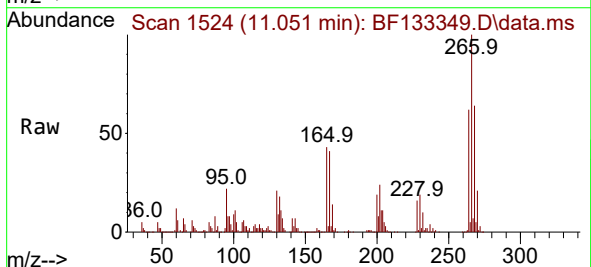
Tgt Ion:200 Resp: 264448
 Ion Ratio Lower Upper
 200 100
 173 27.3 6.2 46.2
 215 47.9 26.3 66.3

Manual Integrations
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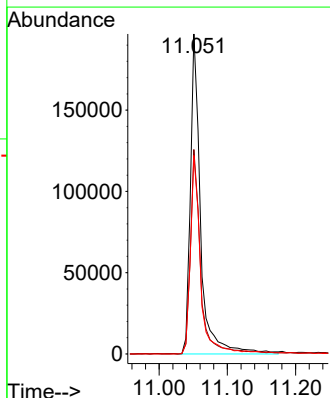
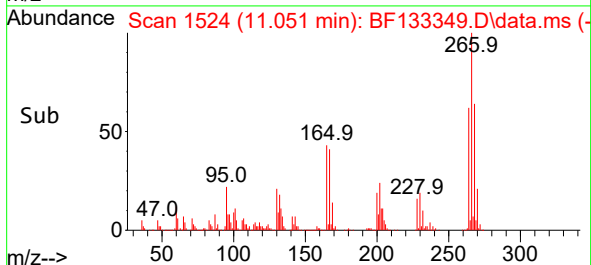
Reviewed By :Christian Giraldo 05/12/2023
 Supervised By :Jagrut Upadhyay 05/15/2023

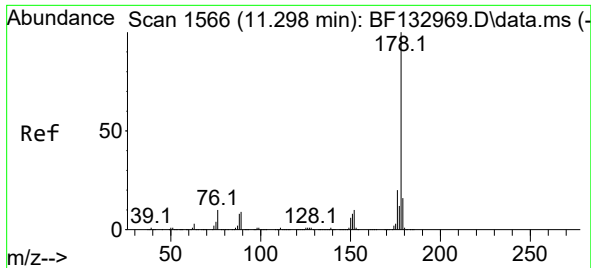


#70
 Pentachlorophenol
 Concen: 35.356 ng
 RT: 11.051 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: BF133349.D
 Acq: 11 May 2023 11:47



Tgt Ion:266 Resp: 203163
 Ion Ratio Lower Upper
 266 100
 268 63.9 48.8 73.2
 264 62.0 50.6 76.0





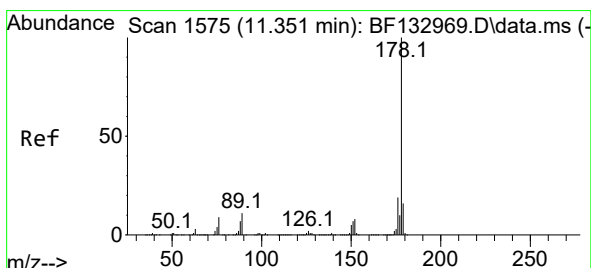
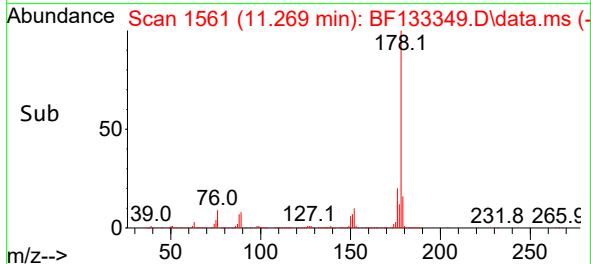
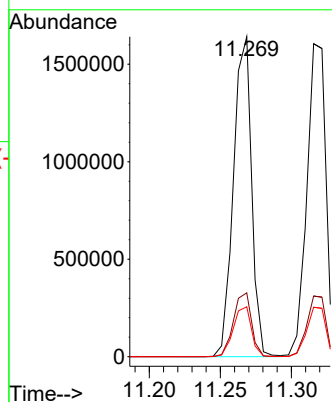
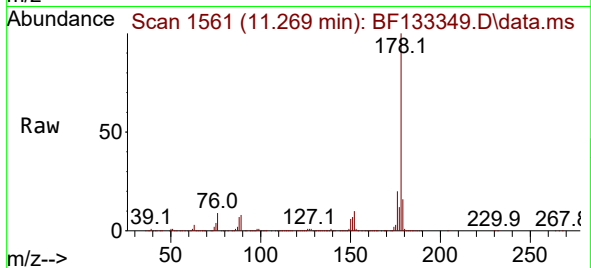
#71
Phenanthrene
Concen: 37.380 ng
RT: 11.269 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 145859
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 15.6 12.5 18.7

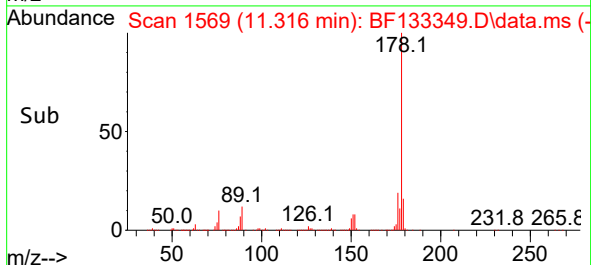
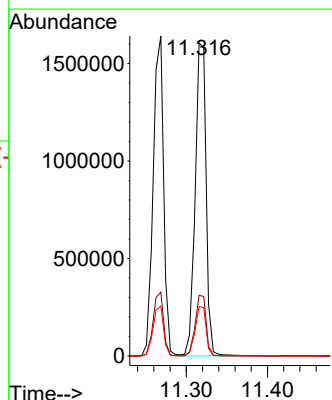
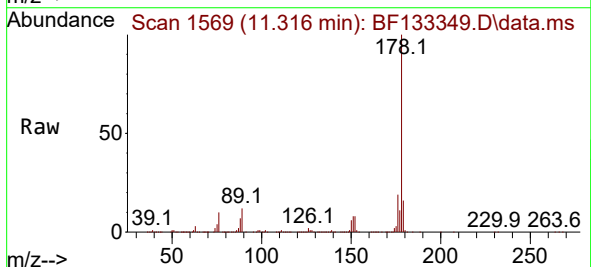
Manual Integrations
APPROVED

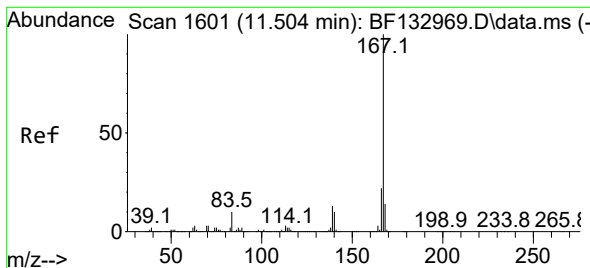
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#72
Anthracene
Concen: 37.820 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

Tgt Ion:178 Resp: 1510286
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.8 12.4 18.6





#73

Carbazole

Concen: 38.546 ng

RT: 11.474 min Scan# 1596

Delta R.T. 0.000 min

Lab File: BF133349.D

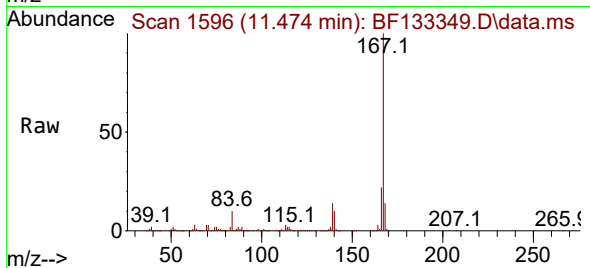
Acq: 11 May 2023 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:167 Resp: 1370600

Ion Ratio Lower Upper

167 100

166 22.1 17.4 26.0

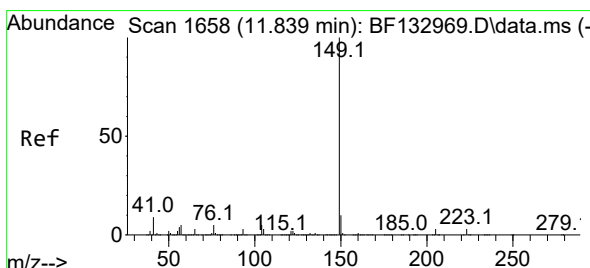
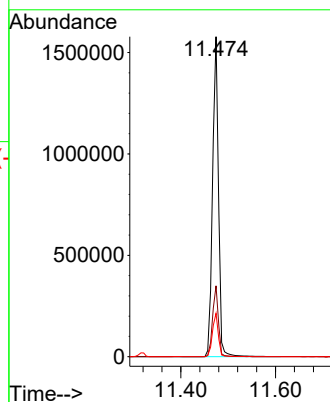
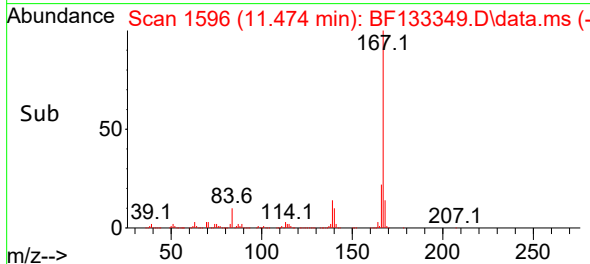
139 13.5 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/12/2023

Supervised By :Jagrut Upadhyay 05/15/2023



#74

Di-n-butylphthalate

Concen: 38.973 ng

RT: 11.804 min Scan# 1652

Delta R.T. -0.006 min

Lab File: BF133349.D

Acq: 11 May 2023 11:47

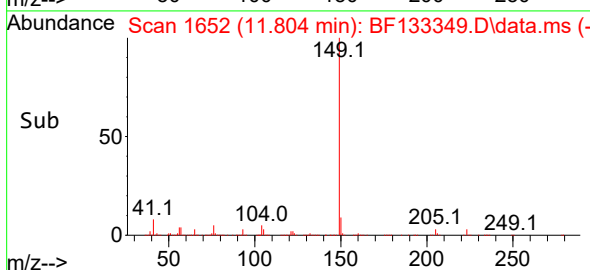
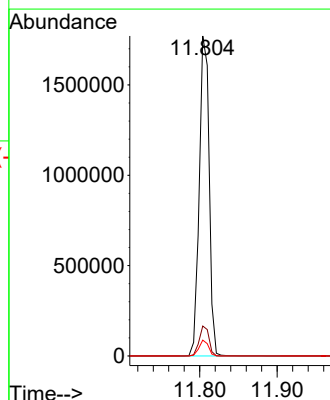
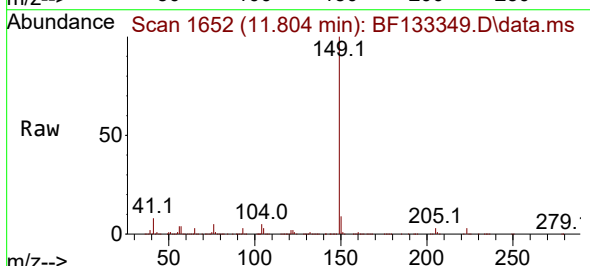
Tgt Ion:149 Resp: 1568246

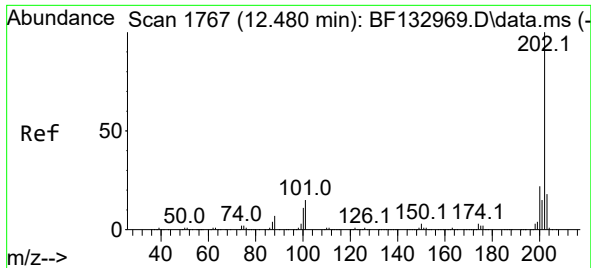
Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

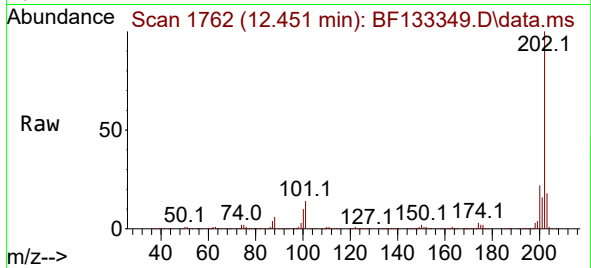
104 5.0 4.0 6.0





#75
Fluoranthene
Concen: 38.072 ng
RT: 12.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

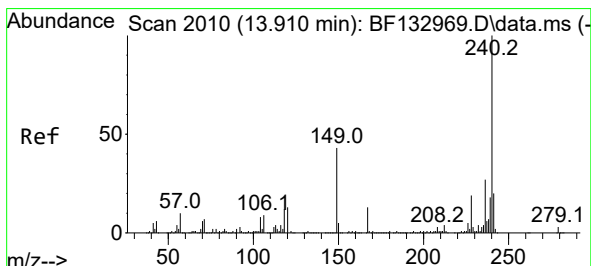
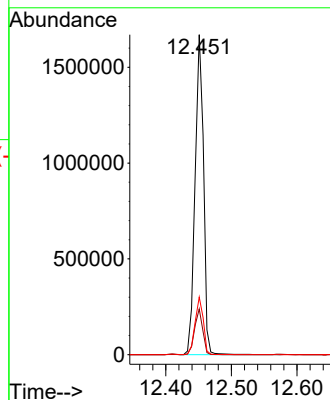
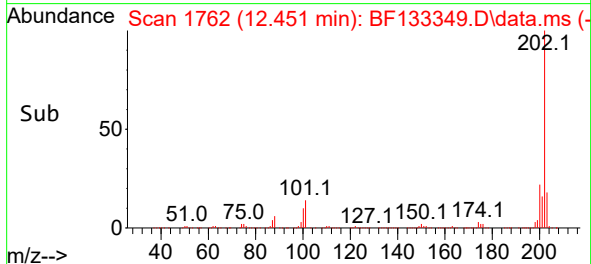
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



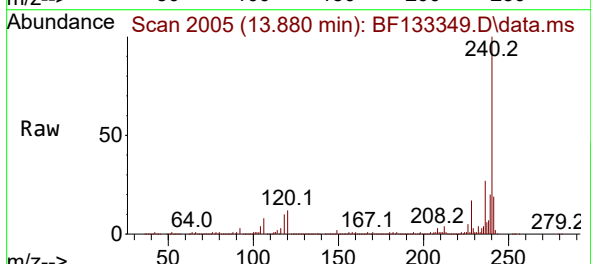
Tgt Ion:202 Resp: 149095
Ion Ratio Lower Upper
202 100
101 14.3 0.0 35.3
203 18.0 0.0 38.1

Manual Integrations
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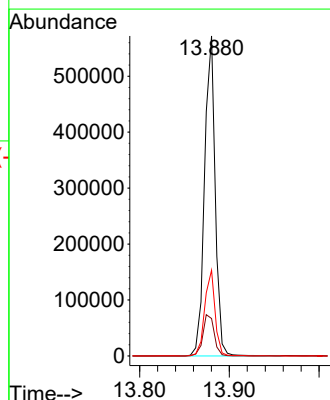
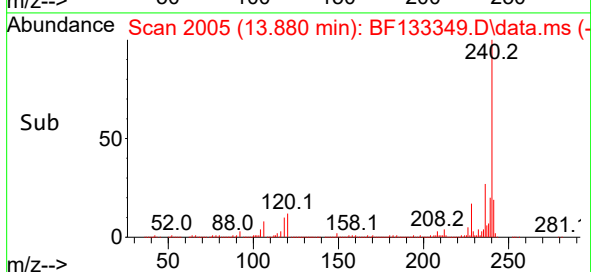
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023

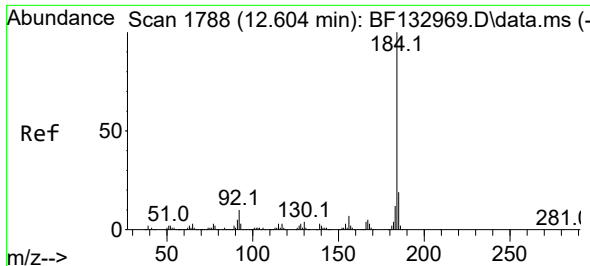


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47



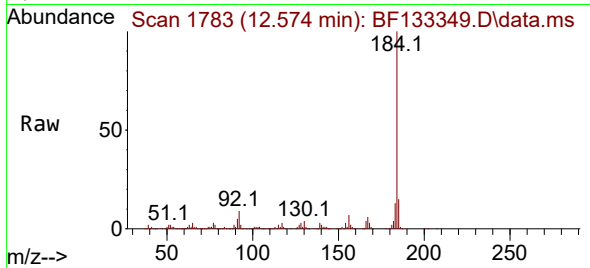
Tgt Ion:240 Resp: 471209
Ion Ratio Lower Upper
240 100
120 11.7 10.5 15.7
236 26.8 21.5 32.3





#77
Benzidine
Concen: 45.202 ng
RT: 12.574 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

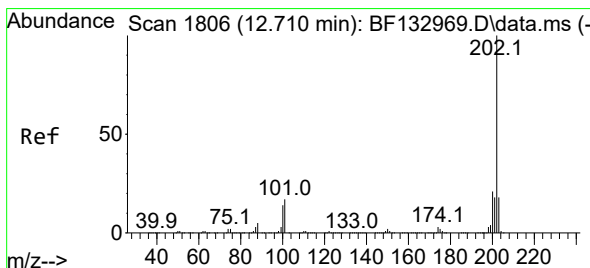
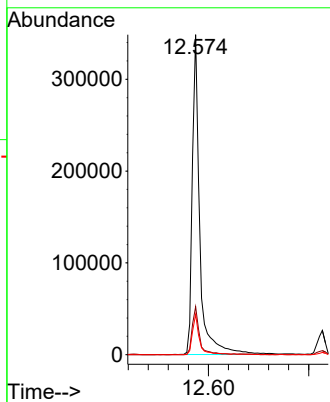
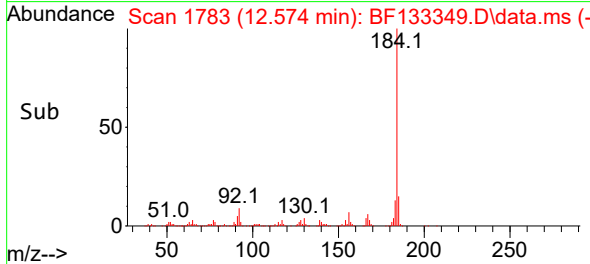
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:184 Resp: 360190
Ion Ratio Lower Upper
184 100
185 15.0 15.4 23.2
183 12.6 9.4 14.0

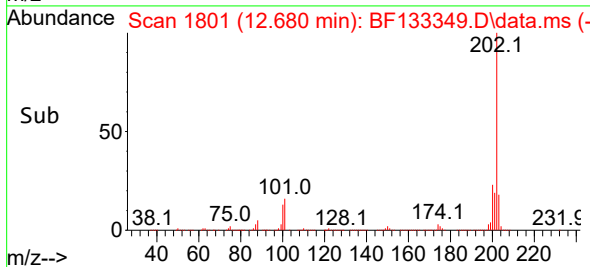
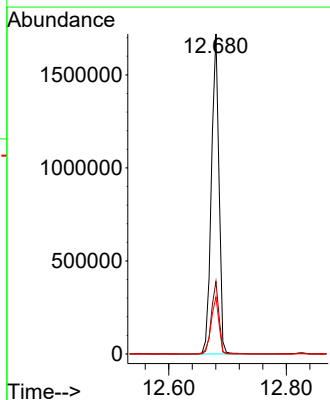
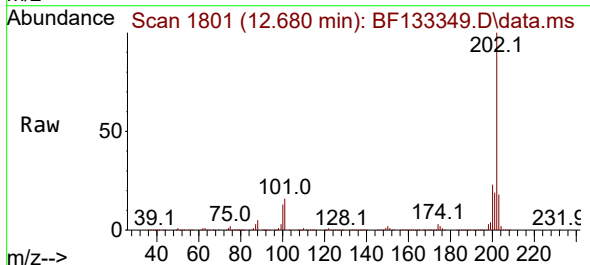
Manual Integrations
APPROVED

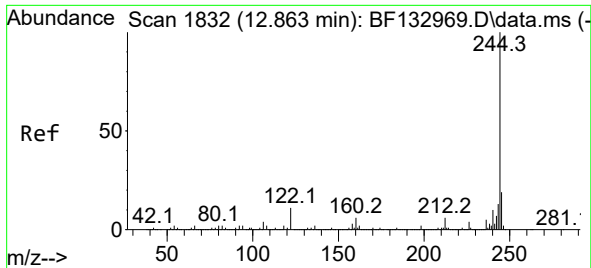
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#78
Pyrene
Concen: 37.861 ng
RT: 12.680 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

Tgt Ion:202 Resp: 1529320
Ion Ratio Lower Upper
202 100
200 22.7 17.1 25.7
203 17.9 14.1 21.1





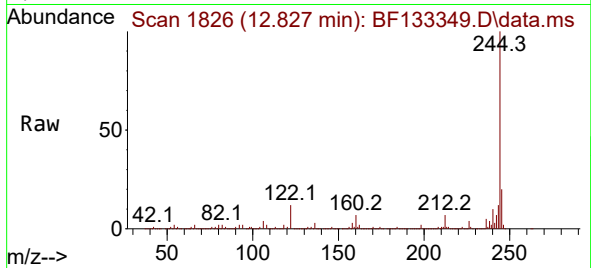
#79
 Terphenyl-d14
 Concen: 72.408 ng
 RT: 12.827 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133349.D
 Acq: 11 May 2023 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

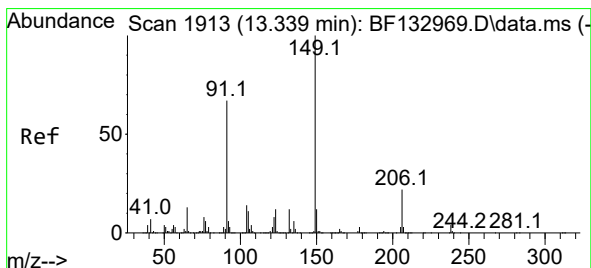
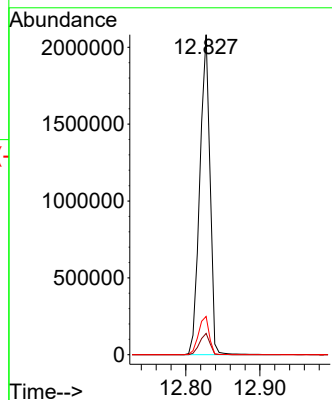
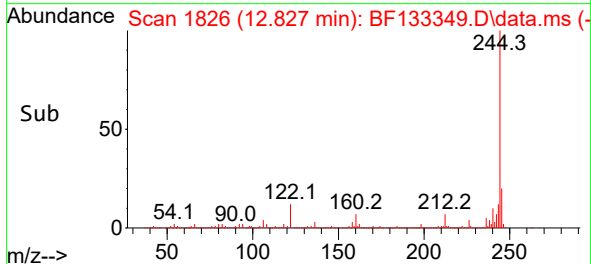


Tgt Ion:244 Resp: 197831
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 12.0 8.6 13.0

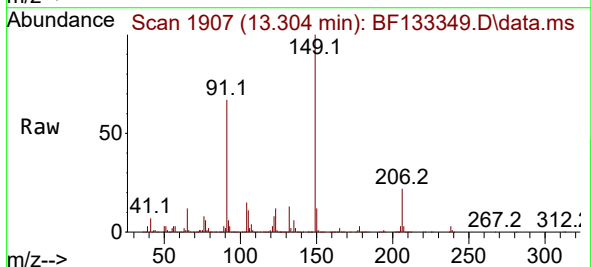
Manual Integrations

APPROVED

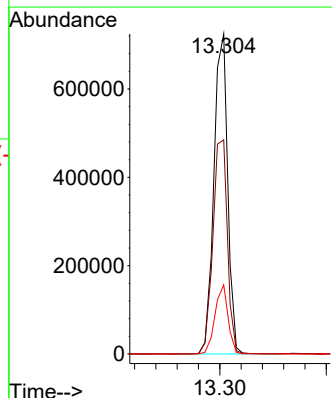
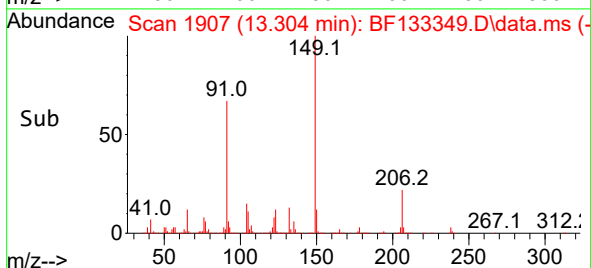
Reviewed By :Christian Giraldo 05/12/2023
 Supervised By :Jagrut Upadhyay 05/15/2023

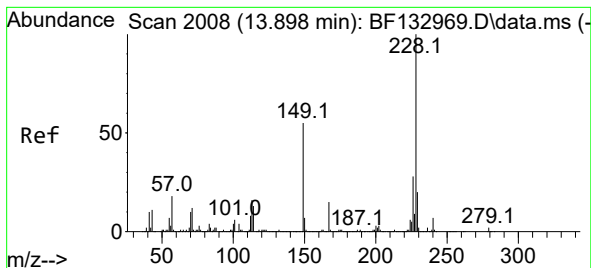


#80
 Butylbenzylphthalate
 Concen: 45.515 ng
 RT: 13.304 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: BF133349.D
 Acq: 11 May 2023 11:47



Tgt Ion:149 Resp: 650964
 Ion Ratio Lower Upper
 149 100
 91 66.9 53.8 80.6
 206 21.6 17.5 26.3





#81

Benzo(a)anthracene

Concen: 36.037 ng

RT: 13.868 min Scan# 2008

Delta R.T. 0.000 min

Lab File: BF133349.D

Acq: 11 May 2023 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 1167710

Ion Ratio Lower Upper

228 100

226 27.9 22.2 33.4

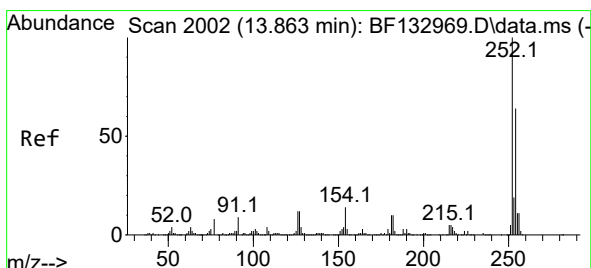
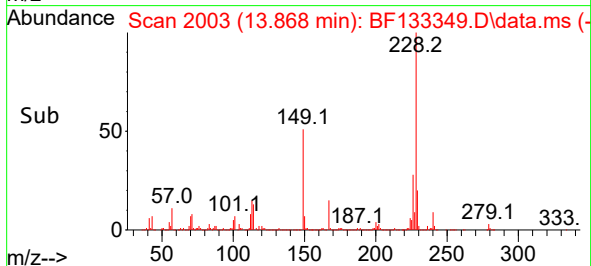
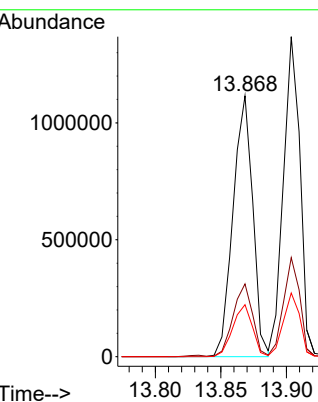
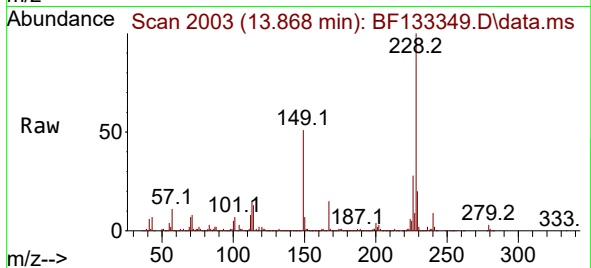
229 19.9 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/12/2023

Supervised By :Jagrut Upadhyay 05/15/2023



#82

3,3'-Dichlorobenzidine

Concen: 41.448 ng

RT: 13.833 min Scan# 1997

Delta R.T. 0.000 min

Lab File: BF133349.D

Acq: 11 May 2023 11:47

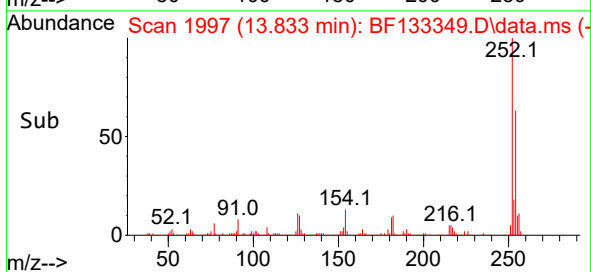
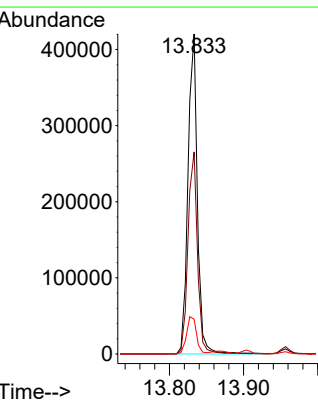
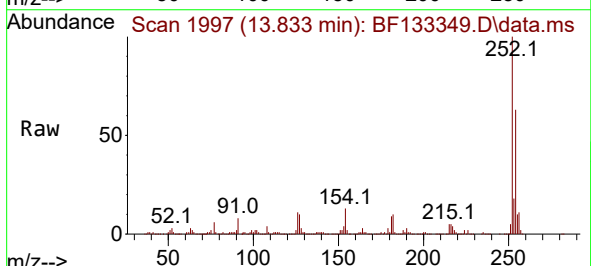
Tgt Ion:252 Resp: 371026

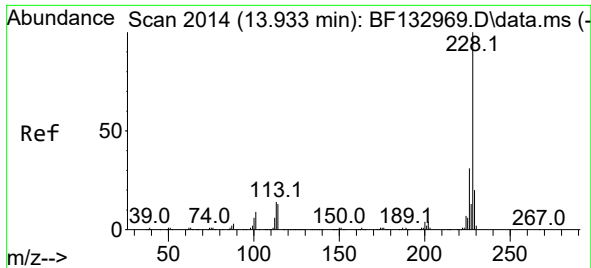
Ion Ratio Lower Upper

252 100

254 63.2 51.5 77.3

126 10.9 9.5 14.3





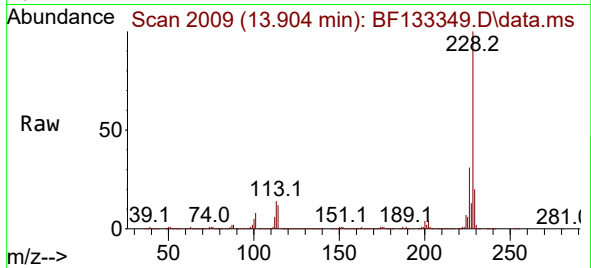
#83
Chrysene
Concen: 37.318 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

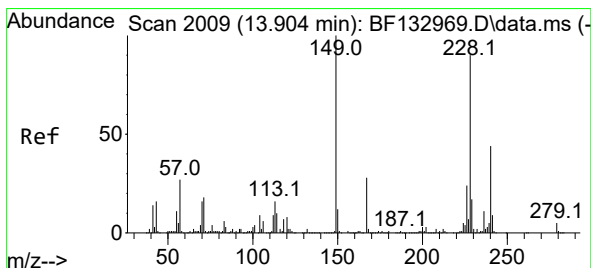
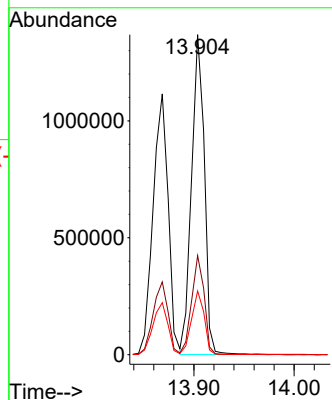
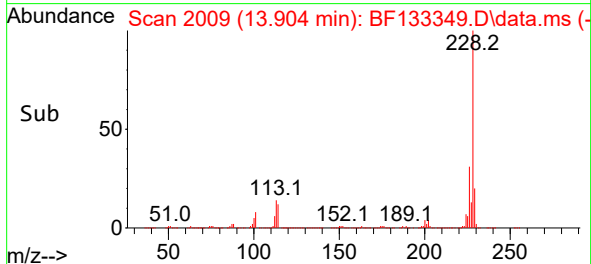


Tgt Ion:228 Resp: 1208930
Ion Ratio Lower Upper
228 100
226 31.0 24.7 37.1
229 19.9 16.1 24.1

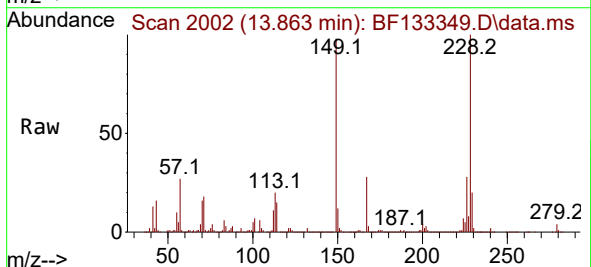
Manual Integrations

APPROVED

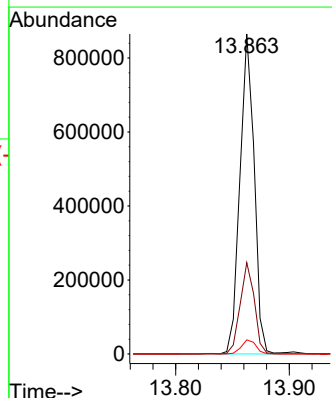
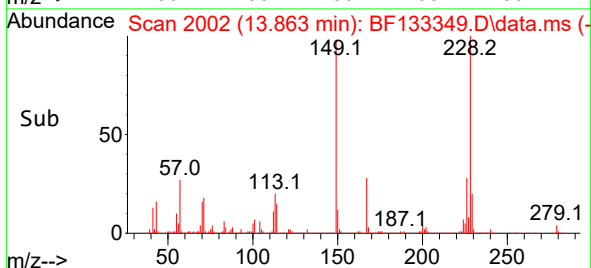
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023

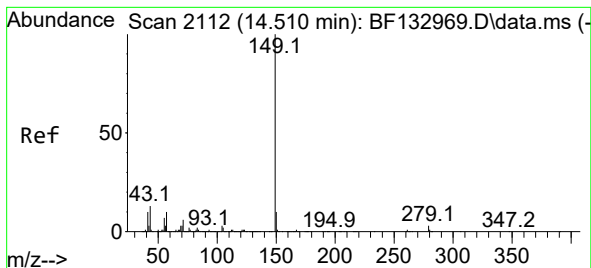


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.013 ng
RT: 13.863 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47



Tgt Ion:149 Resp: 754223
Ion Ratio Lower Upper
149 100
167 28.6 22.5 33.7
279 4.4 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 41.449 ng

RT: 14.474 min Scan# 2112

Delta R.T. -0.006 min

Lab File: BF133349.D

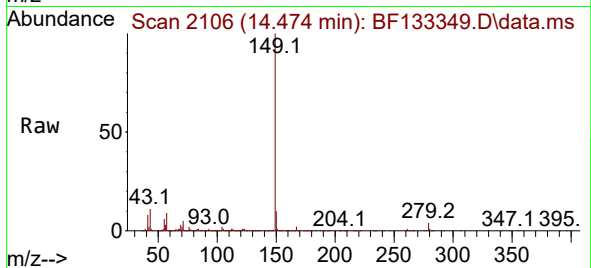
Acq: 11 May 2023 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:149 Resp: 121328

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

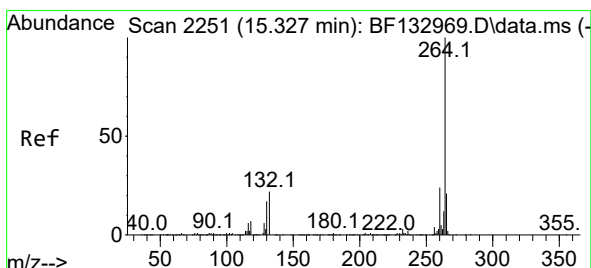
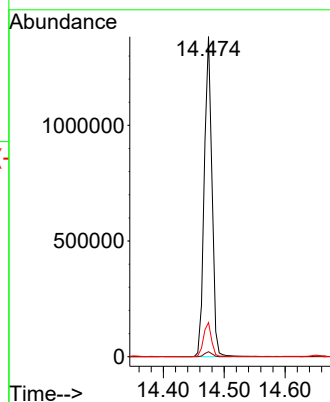
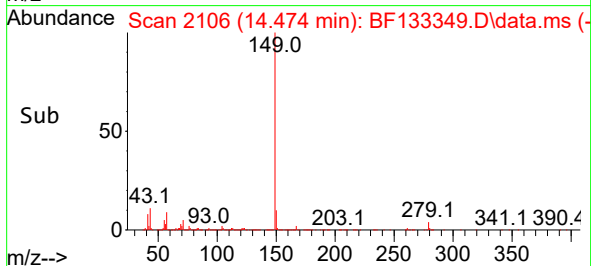
43 11.0 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/12/2023

Supervised By :Jagrut Upadhyay 05/15/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.292 min Scan# 2245

Delta R.T. 0.000 min

Lab File: BF133349.D

Acq: 11 May 2023 11:47

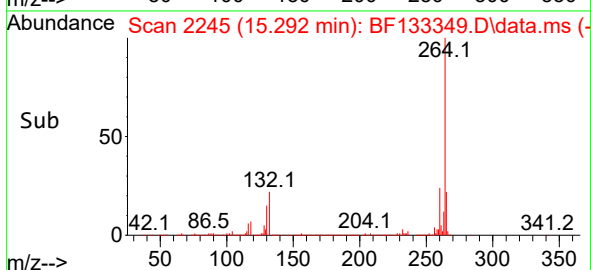
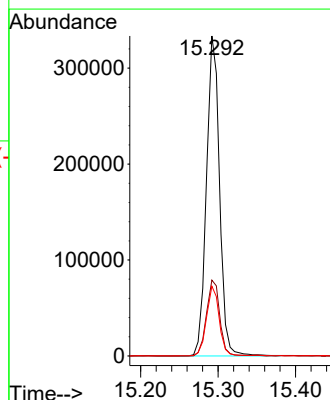
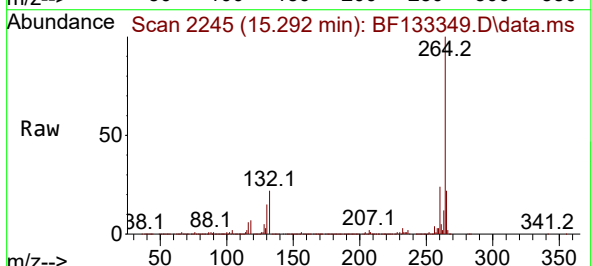
Tgt Ion:264 Resp: 391340

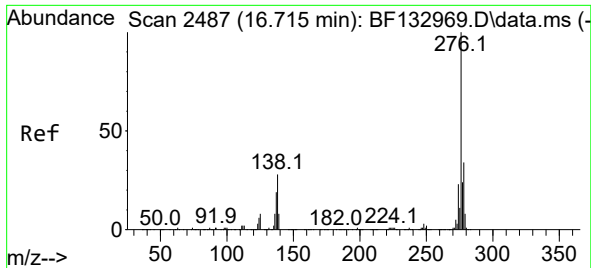
Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 21.8 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.051 ng
RT: 16.680 min Scan# 2487
Delta R.T. 0.006 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

Instrument :

BNA_F

ClientSampleId :

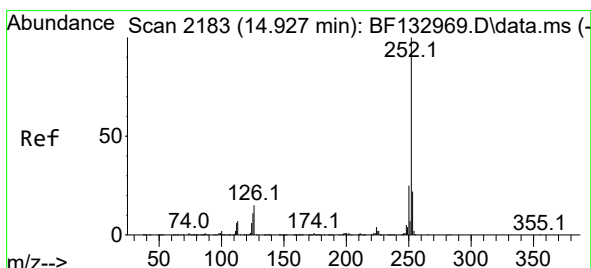
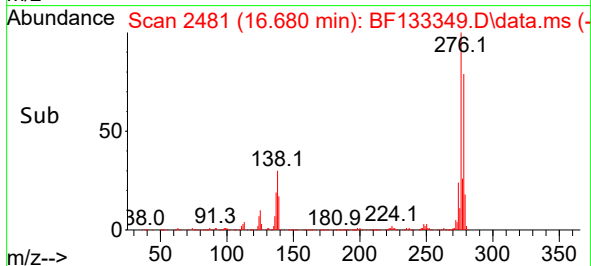
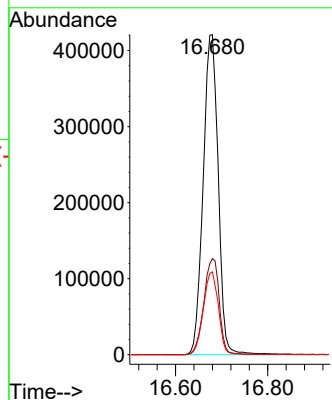
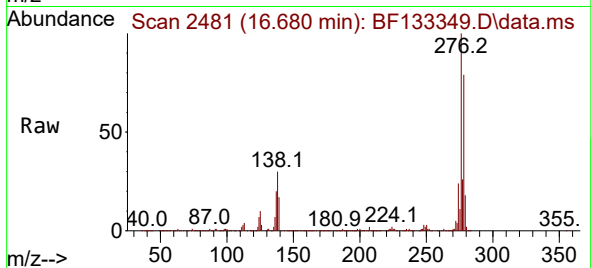
SSTDCCC040

Tgt Ion:276 Resp: 958325
Ion Ratio Lower Upper
276 100
138 30.8 25.5 38.3
277 25.8 20.4 30.6

Manual Integrations

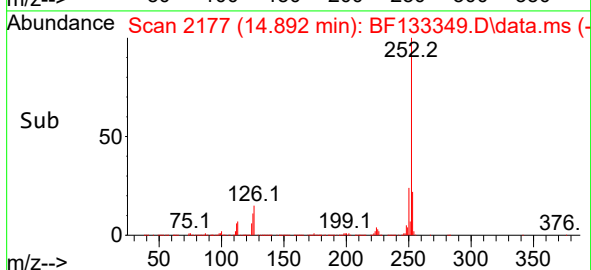
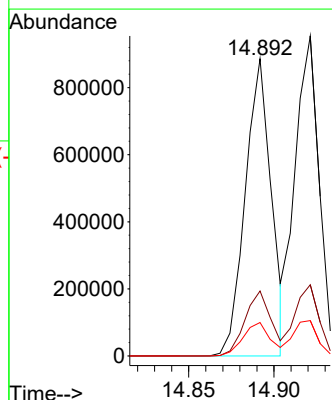
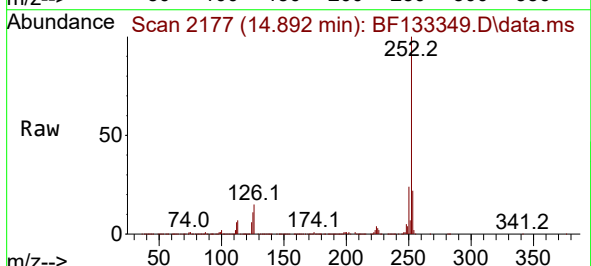
APPROVED

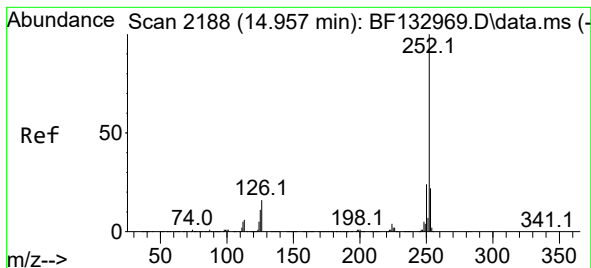
Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023



#88
Benzo(b)fluoranthene
Concen: 37.866 ng
RT: 14.892 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

Tgt Ion:252 Resp: 942725
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 11.2 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 38.601 ng

RT: 14.921 min Scan# 2188

Delta R.T. 0.000 min

Lab File: BF133349.D

Acq: 11 May 2023 11:47

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 95266

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

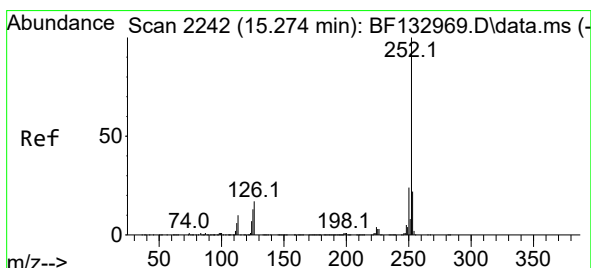
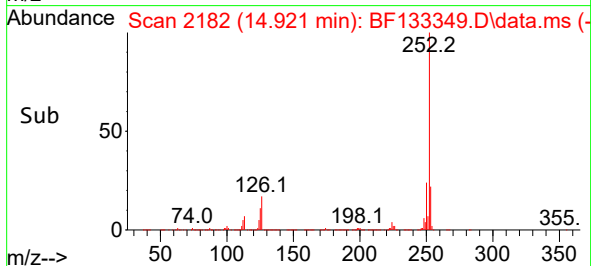
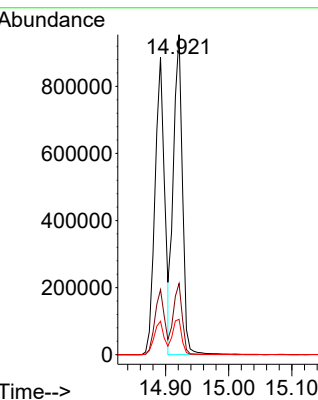
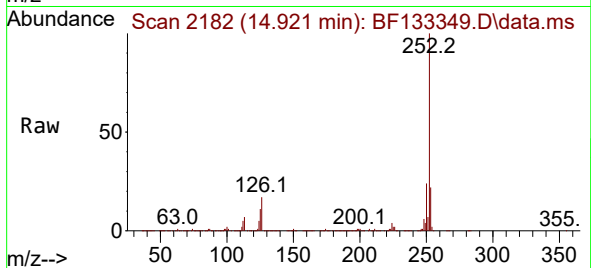
125 11.1 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/12/2023

Supervised By :Jagrut Upadhyay 05/15/2023



#90

Benzo(a)pyrene

Concen: 38.354 ng

RT: 15.239 min Scan# 2236

Delta R.T. 0.000 min

Lab File: BF133349.D

Acq: 11 May 2023 11:47

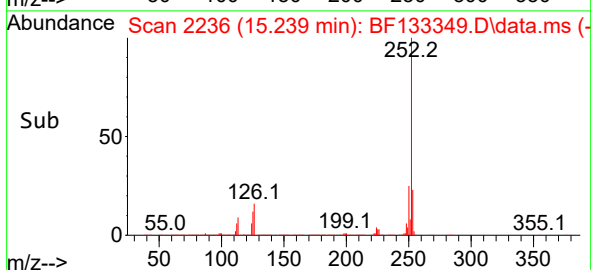
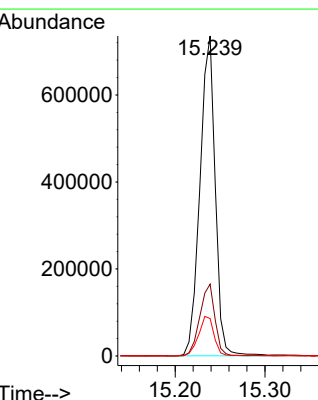
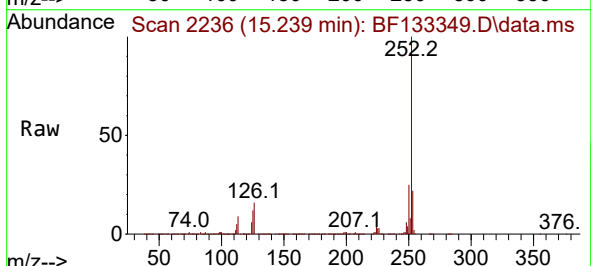
Tgt Ion:252 Resp: 869147

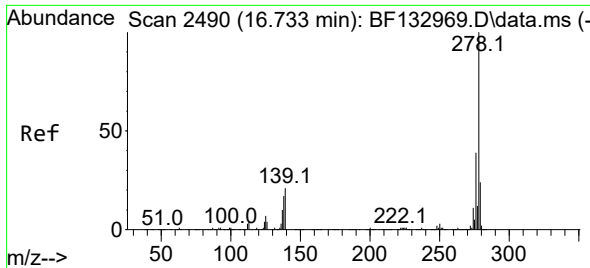
Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

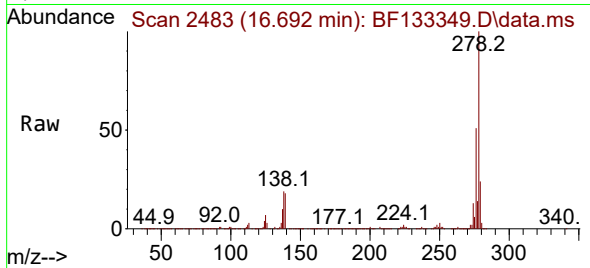
125 11.7 10.5 15.7





#91
Dibenzo(a,h)anthracene
Concen: 43.283 ng
RT: 16.692 min Scan# 2490
Delta R.T. 0.000 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47

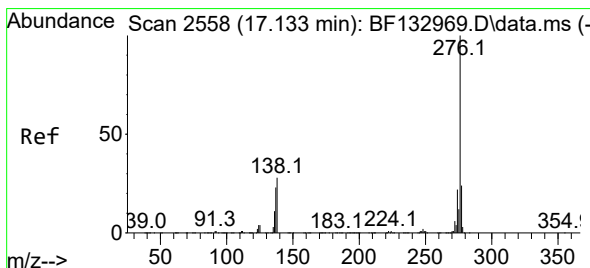
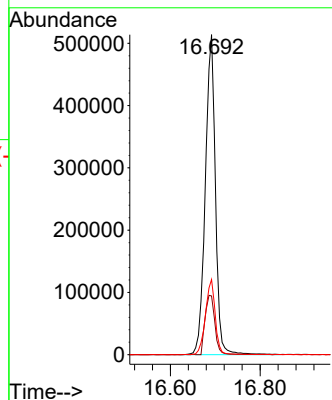
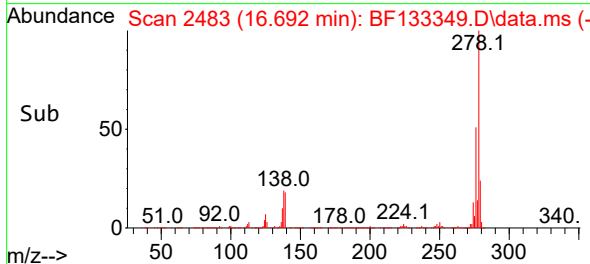
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



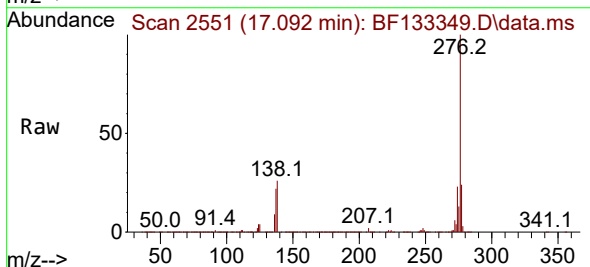
Tgt Ion: 278 Resp: 803590
Ion Ratio Lower Upper
278 100
139 18.4 16.6 24.8
279 23.5 18.8 28.2

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 05/12/2023
Supervised By : Jagrut Upadhyay 05/15/2023



#92
Benzo(g,h,i)perylene
Concen: 44.495 ng
RT: 17.092 min Scan# 2551
Delta R.T. 0.006 min
Lab File: BF133349.D
Acq: 11 May 2023 11:47



Tgt Ion: 276 Resp: 815565
Ion Ratio Lower Upper
276 100
277 23.7 19.4 29.0
138 25.7 22.7 34.1

