

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
 Data File : BF133384.D
 Acq On : 15 May 2023 13:58
 Operator : CG\JU
 Sample : PB152781BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152781BSD

Manual Integrations
 APPROVED

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

Quant Time: May 15 14:46:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:40:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	236418	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	980297	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	505029	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	886266	20.000	ng	0.00
76) Chrysene-d12	13.886	240	532605	20.000	ng	0.00
86) Perylene-d12	15.304	264	466293	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1915692	122.405	ng	0.02
7) Phenol-d6	6.375	99	2287201	117.742	ng	0.00
23) Nitrobenzene-d5	7.292	82	1489898	82.036	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	604117	118.943	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2463043	81.593	ng	0.00
79) Terphenyl-d14	12.833	244	2698110	87.369	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	276674	38.113	ng	96
3) Pyridine	3.169	79	723831	37.542	ng	99
4) n-Nitrosodimethylamine	3.140	42	403479	40.402	ng	92
6) Aniline	6.387	93	784421	31.352	ng	# 19
8) 2-Chlorophenol	6.510	128	781222	49.163	ng	95
9) Benzaldehyde	6.269	77	424130	52.674	ng	98
10) Phenol	6.387	94	891723	41.611	ng	# 72
11) bis(2-Chloroethyl)ether	6.457	93	740513	46.048	ng	99
12) 1,3-Dichlorobenzene	6.663	146	806129	47.716	ng	97
13) 1,4-Dichlorobenzene	6.740	146	808134	47.729	ng	99
14) 1,2-Dichlorobenzene	6.892	146	779433	49.931	ng	97
15) Benzyl Alcohol	6.875	79	629260	46.895	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	1131456	40.509	ng	83
17) 2-Methylphenol	6.992	107	631340	43.390	ng	95
18) Hexachloroethane	7.234	117	285287	48.463	ng	99
19) n-Nitroso-di-n-propyla...	7.151	70	492473	40.722	ng	93
20) 3+4-Methylphenols	7.145	107	760027	44.354	ng	# 81
22) Acetophenone	7.140	105	1055518	46.482	ng	95
24) Nitrobenzene	7.310	77	790831	42.972	ng	98
25) Isophorone	7.551	82	1479584	42.908	ng	99
26) 2-Nitrophenol	7.628	139	442150	49.811	ng	94
27) 2,4-Dimethylphenol	7.675	122	693986	45.595	ng	98
28) bis(2-Chloroethoxy)met...	7.763	93	888547	43.558	ng	99
29) 2,4-Dichlorophenol	7.875	162	643269	46.425	ng	98
30) 1,2,4-Trichlorobenzene	7.951	180	666833	46.453	ng	99
31) Naphthalene	8.034	128	2132124	43.502	ng	99
32) Benzoic acid	7.822	122	433869	46.148	ng	99
33) 4-Chloroaniline	8.081	127	337629m	17.050	ng	
34) Hexachlorobutadiene	8.145	225	357609	44.948	ng	98
35) Caprolactam	8.469	113	232308m	49.907	ng	
36) 4-Chloro-3-methylphenol	8.581	107	696794	46.633	ng	97
37) 2-Methylnaphthalene	8.722	142	1411616	42.128	ng	98
38) 1-Methylnaphthalene	8.822	142	1310129	41.795	ng	100
40) 1,2,4,5-Tetrachloroben...	8.892	216	592268	43.617	ng	99
41) Hexachlorocyclopentadiene	8.875	237	676951	85.482	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	420466	44.775	ng	96

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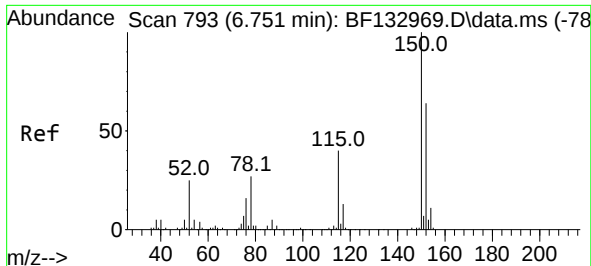
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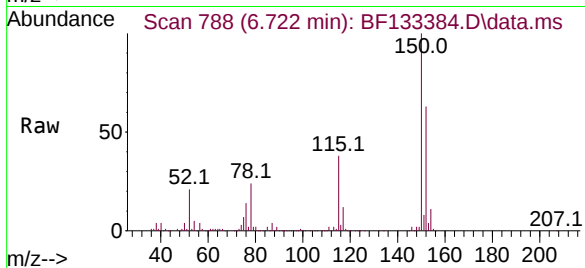
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	462293	42.566	ng	95
46) 1,1'-Biphenyl	9.186	154	1724200	43.055	ng	99
47) 2-Chloronaphthalene	9.210	162	1322079	45.105	ng	99
48) 2-Nitroaniline	9.310	65	419486	43.303	ng	98
49) Acenaphthylene	9.628	152	2001623	42.738	ng	99
50) Dimethylphthalate	9.492	163	1590076	45.154	ng	99
51) 2,6-Dinitrotoluene	9.557	165	364577	45.998	ng	# 83
52) Acenaphthene	9.798	154	1463918m	46.669	ng	
53) 3-Nitroaniline	9.722	138	256183	27.184	ng	97
54) 2,4-Dinitrophenol	9.833	184	401884	100.876	ng	97
55) Dibenzofuran	9.969	168	1748076	40.854	ng	97
56) 4-Nitrophenol	9.904	139	574291	78.679	ng	98
57) 2,4-Dinitrotoluene	9.963	165	455091	45.024	ng	93
58) Fluorene	10.316	166	1333445	42.536	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.092	232	374823	44.517	ng	98
60) Diethylphthalate	10.192	149	1439309	43.271	ng	100
61) 4-Chlorophenyl-phenyle...	10.304	204	640870	41.950	ng	97
62) 4-Nitroaniline	10.345	138	408819	47.199	ng	96
63) Azobenzene	10.463	77	1434357	40.707	ng	99
65) 4,6-Dinitro-2-methylph...	10.375	198	281708	52.441	ng	94
66) n-Nitrosodiphenylamine	10.428	169	1216444	42.314	ng	99
67) 4-Bromophenyl-phenylether	10.792	248	414035	43.074	ng	97
68) Hexachlorobenzene	10.863	284	446832	45.367	ng	99
69) Atrazine	10.957	200	430304	51.946	ng	98
70) Pentachlorophenol	11.057	266	496825	70.827	ng	98
71) Phenanthrene	11.275	178	1998765	41.961	ng	99
72) Anthracene	11.327	178	2089787	42.869	ng	100
73) Carbazole	11.480	167	1914648	44.109	ng	99
74) Di-n-butylphthalate	11.810	149	2295539	46.732	ng	100
75) Fluoranthene	12.457	202	2046871	42.816	ng	99
77) Benzidine	12.580	184	1016098	112.817	ng	# 93
78) Pyrene	12.686	202	2115766	46.341	ng	99
80) Butylbenzylphthalate	13.304	149	915577	56.637	ng	94
81) Benzo(a)anthracene	13.874	228	1546772	42.232	ng	99
82) 3,3'-Dichlorobenzidine	13.839	252	357432	35.327	ng	99
83) Chrysene	13.916	228	1558162	42.553	ng	99
84) Bis(2-ethylhexyl)phtha...	13.868	149	1050971	51.795	ng	99
85) Di-n-octyl phthalate	14.480	149	1707138	51.598	ng	96
87) Indeno(1,2,3-cd)pyrene	16.692	276	1429483	53.895	ng	99
88) Benzo(b)fluoranthene	14.904	252	1377592	46.438	ng	100
89) Benzo(k)fluoranthene	14.933	252	1237069	42.068	ng	99
90) Benzo(a)pyrene	15.251	252	1146061	42.445	ng	98
91) Dibenzo(a,h)anthracene	16.709	278	1178548	53.275	ng	98
92) Benzo(g,h,i)perylene	17.115	276	1215917	55.674	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# 70
Delta R.T. -0.000 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

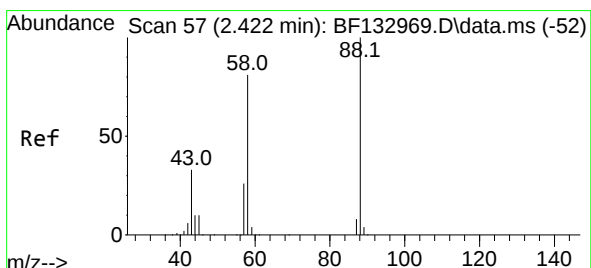
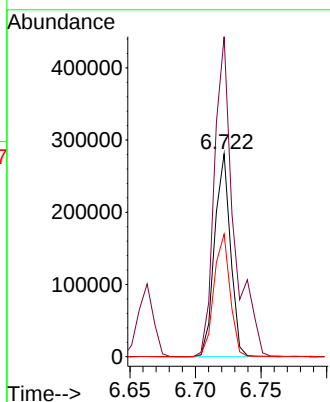
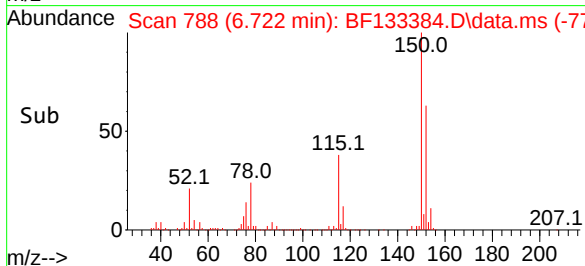
Instrument :
BNA_F
ClientSampleId :
PB152781BSD



Tgt Ion:152 Resp: 236418
Ion Ratio Lower Upper
152 100
150 157.8 124.8 187.2
115 60.4 49.9 74.9

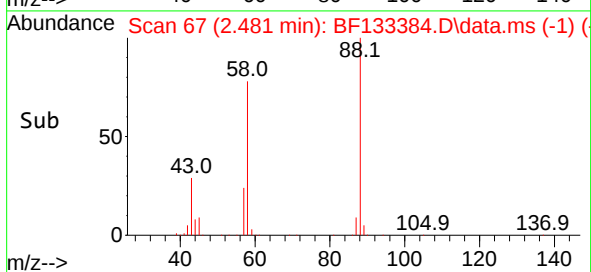
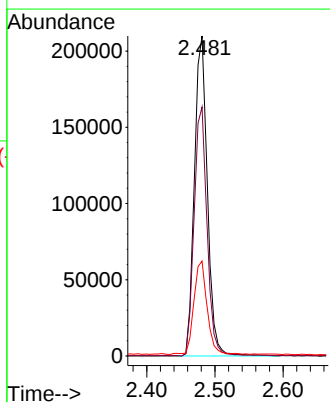
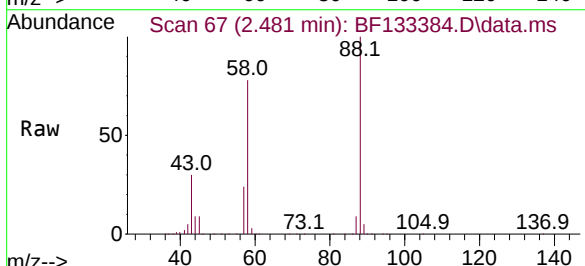
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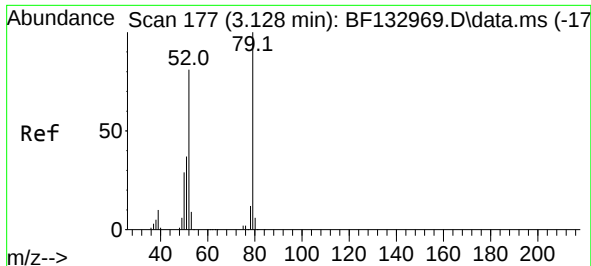
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023



#2
1,4-Dioxane
Concen: 38.113 ng
RT: 2.481 min Scan# 67
Delta R.T. 0.118 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

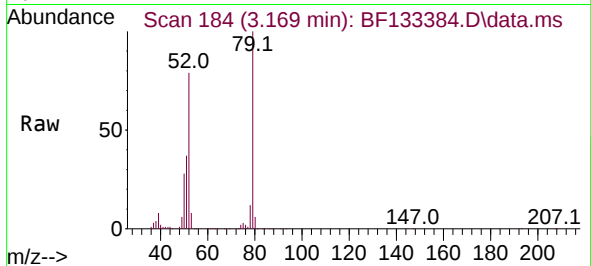
Tgt Ion: 88 Resp: 276674
Ion Ratio Lower Upper
88 100
58 77.2 64.7 97.1
43 30.2 26.2 39.2





#3
Pyridine
Concen: 37.542 ng
RT: 3.169 min Scan# 177
Delta R.T. 0.112 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

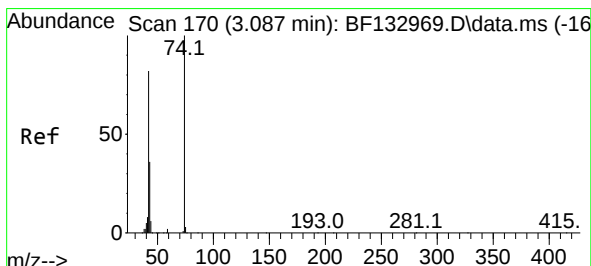
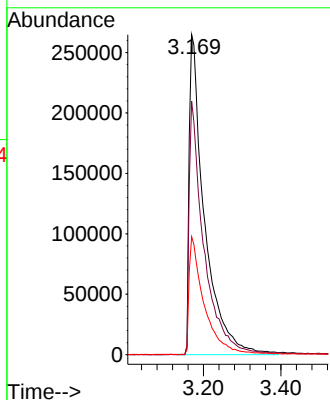
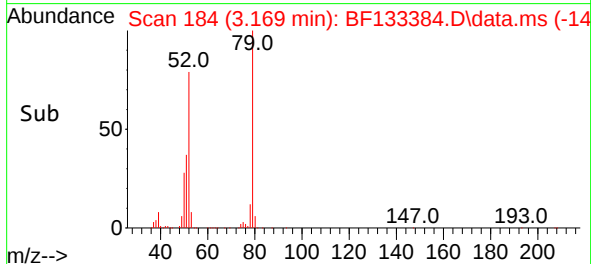
Instrument :
BNA_F
ClientSampleId :
PB152781BSD



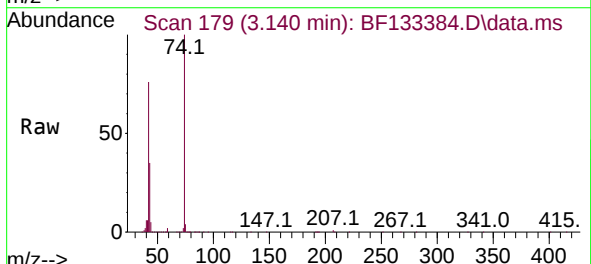
Tgt Ion: 79 Resp: 72383
Ion Ratio Lower Upper
79 100
52 79.2 64.6 96.8
51 36.9 30.0 45.0

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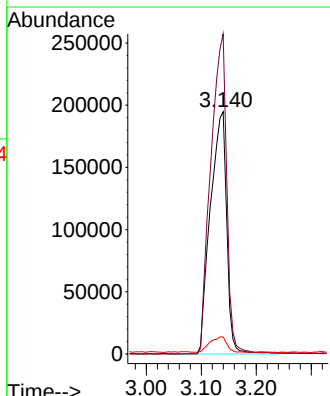
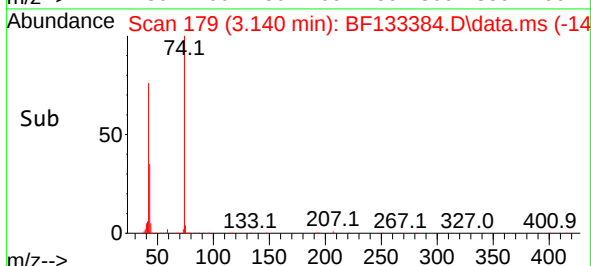
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023

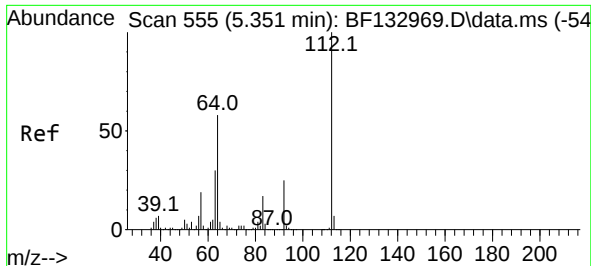


#4
n-Nitrosodimethylamine
Concen: 40.402 ng
RT: 3.140 min Scan# 179
Delta R.T. 0.118 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58



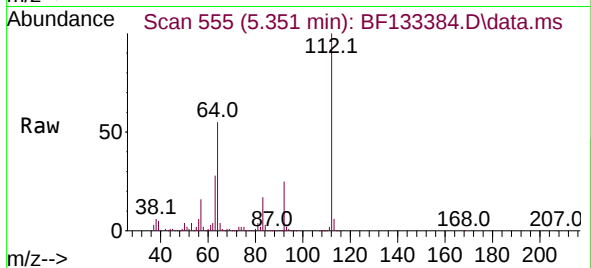
Tgt Ion: 42 Resp: 403479
Ion Ratio Lower Upper
42 100
74 132.1 98.0 147.0
44 7.0 5.8 8.8





#5
2-Fluorophenol
Concen: 122.405 ng
RT: 5.351 min Scan# 511
Delta R.T. 0.024 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

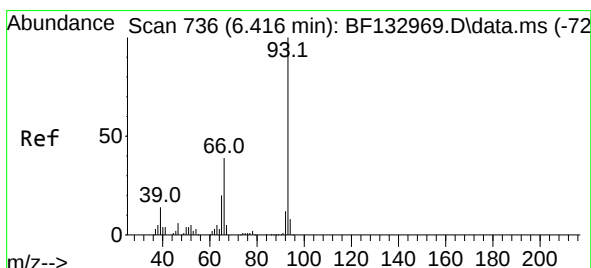
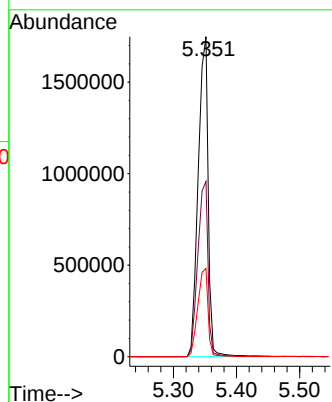
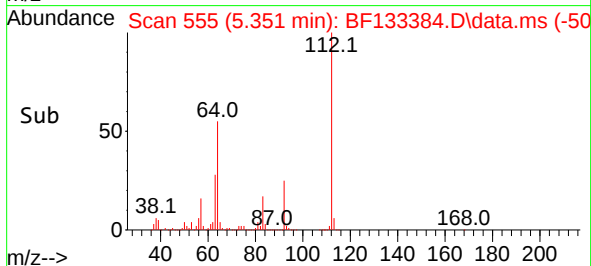
Instrument :
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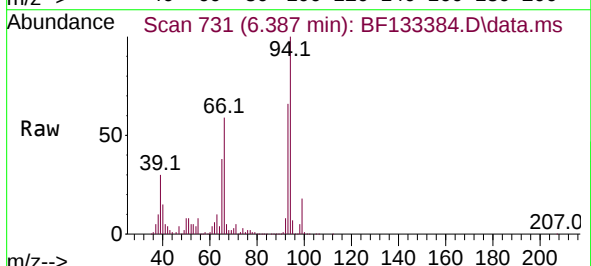
Tgt Ion:112 Resp: 1915692
Ion Ratio Lower Upper
112 100
64 54.8 46.8 70.2
63 27.6 23.8 35.8

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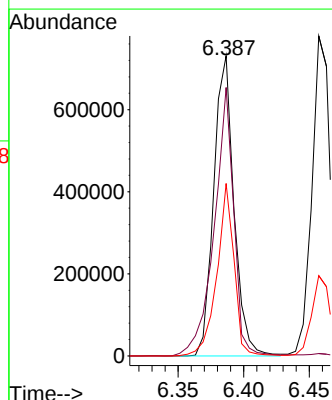
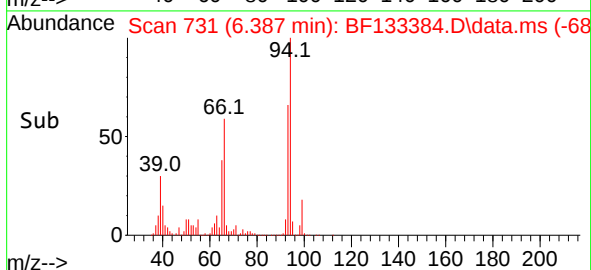
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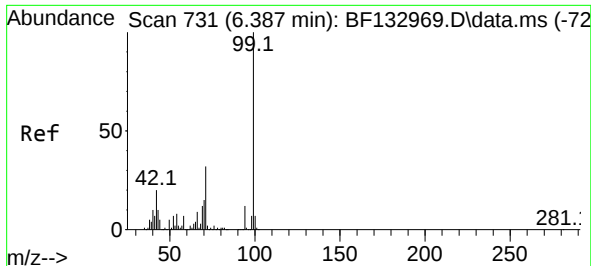


#6
Aniline
Concen: 31.352 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58



Tgt Ion: 93 Resp: 784421
Ion Ratio Lower Upper
93 100
66 89.5 31.5 47.3#
65 57.5 16.4 24.6#





#7

Phenol-d6

Concen: 117.742 ng

RT: 6.375 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB152781BSD

Tgt Ion: 99 Resp: 228720

Ion Ratio Lower Upper

99 100

42 18.9 16.3 24.5

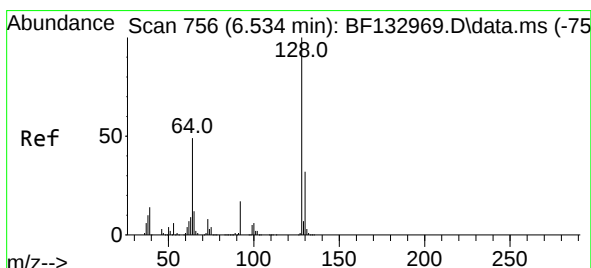
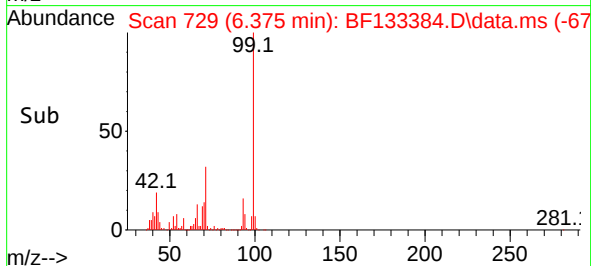
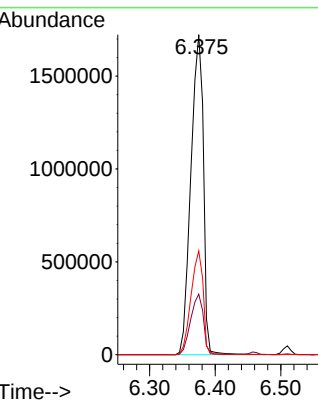
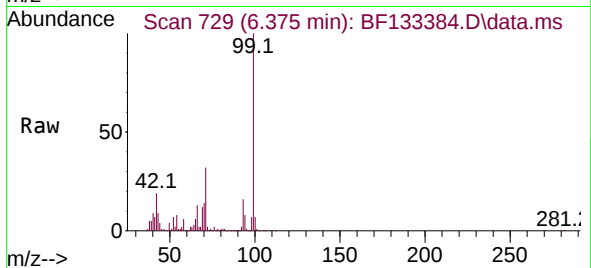
71 32.5 25.6 38.4

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#8

2-Chlorophenol

Concen: 49.163 ng

RT: 6.510 min Scan# 752

Delta R.T. 0.000 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

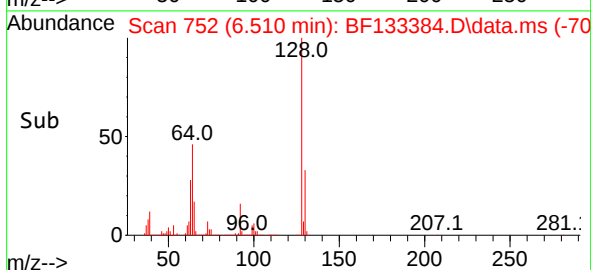
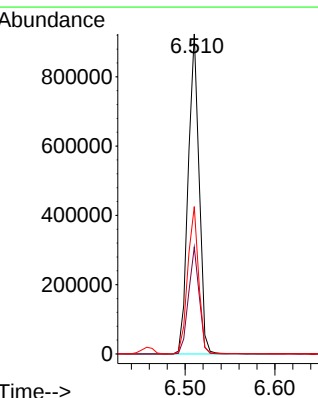
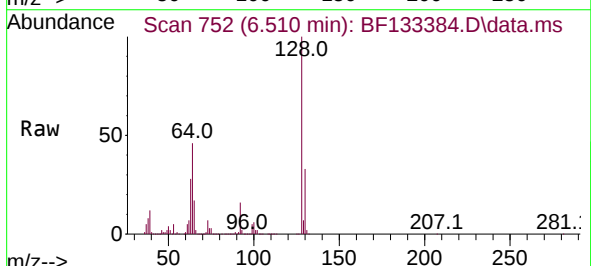
Tgt Ion:128 Resp: 781222

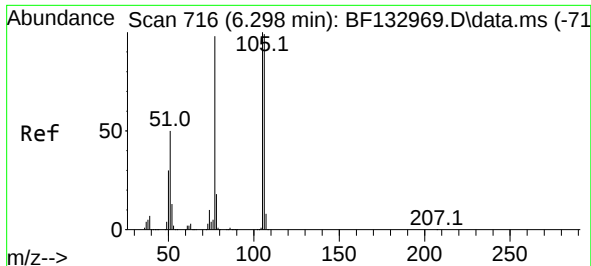
Ion Ratio Lower Upper

128 100

130 33.4 12.2 52.2

64 46.0 30.3 70.3





#9

Benzaldehyde

Concen: 52.674 ng

RT: 6.269 min Scan# 716

Delta R.T. 0.000 min

Lab File: BF133384.D

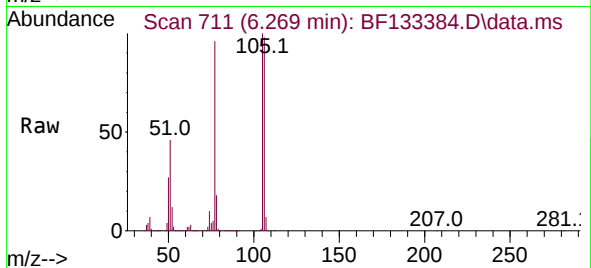
Acq: 15 May 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB152781BSD



Tgt Ion: 77 Resp: 424130

Ion Ratio Lower Upper

77 100

105 104.1 82.3 122.3

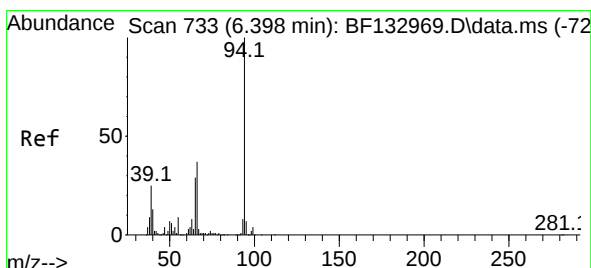
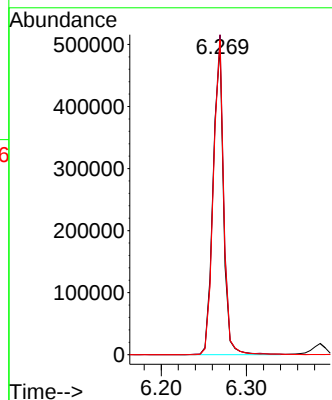
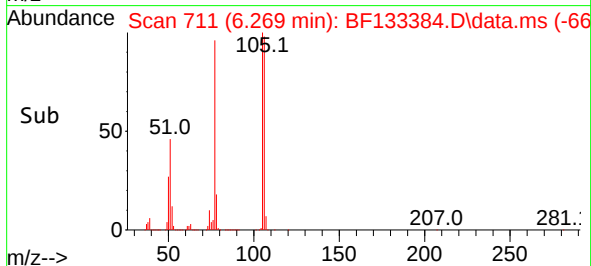
106 102.5 80.8 120.8

Manual Integrations

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#10

Phenol

Concen: 41.611 ng

RT: 6.387 min Scan# 731

Delta R.T. 0.006 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

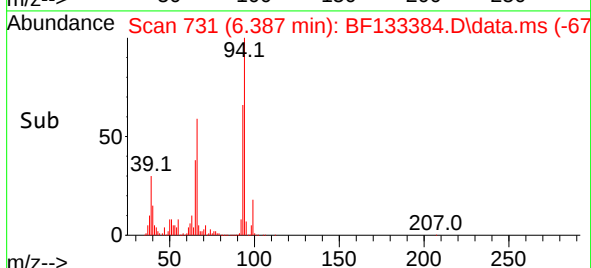
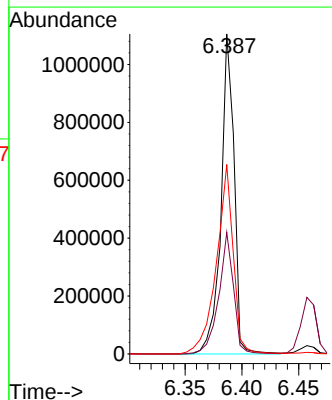
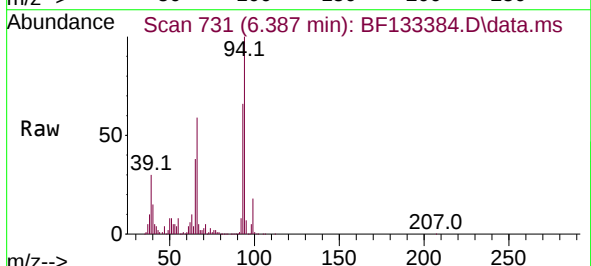
Tgt Ion: 94 Resp: 891723

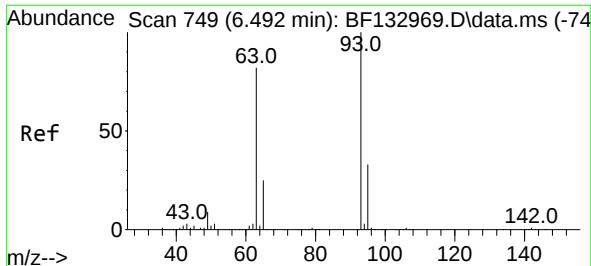
Ion Ratio Lower Upper

94 100

65 38.0 8.6 48.6

66 59.2 17.3 57.3#





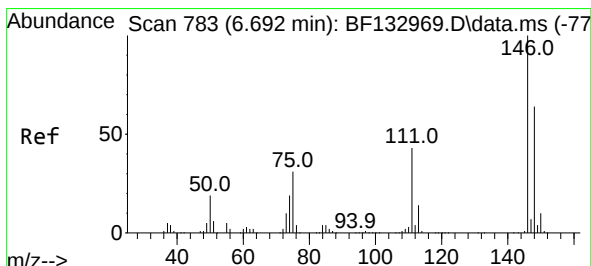
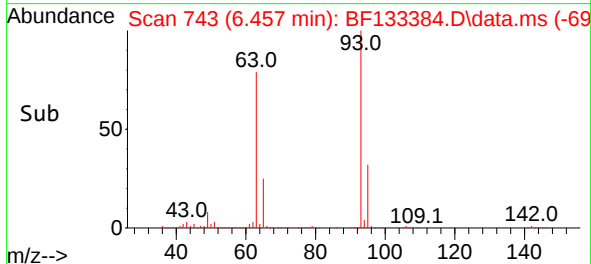
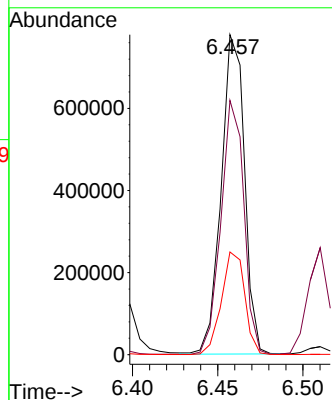
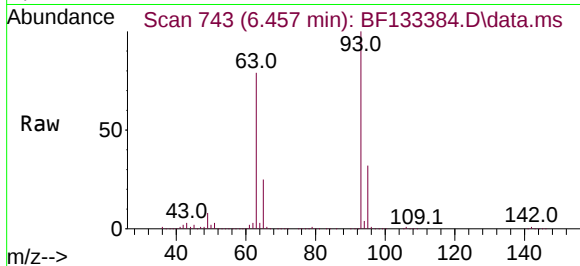
#11
bis(2-Chloroethyl)ether
Concen: 46.048 ng
RT: 6.457 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

Instrument :
BNA_F
ClientSampleId :
PB152781BSD

Tgt Ion: 93 Resp: 740511
Ion Ratio Lower Upper
93 100
63 79.4 60.6 100.6
95 32.1 12.9 52.9

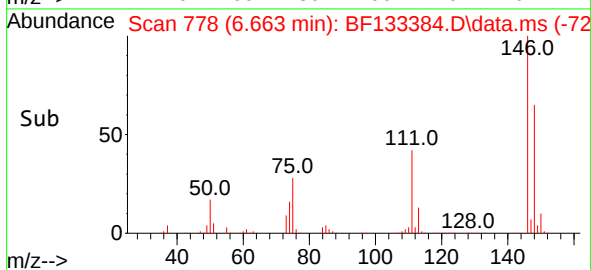
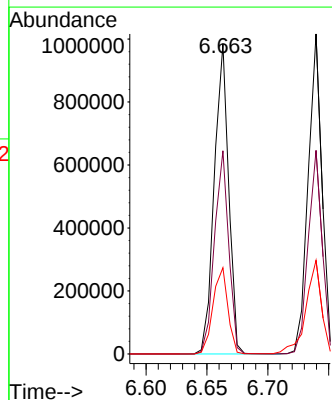
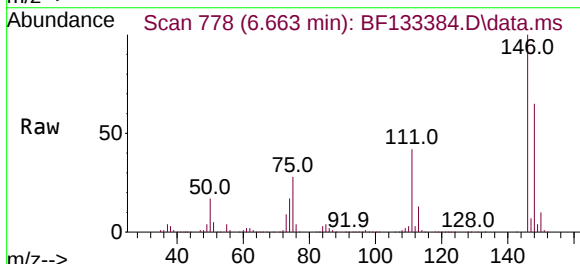
Manual Integrations
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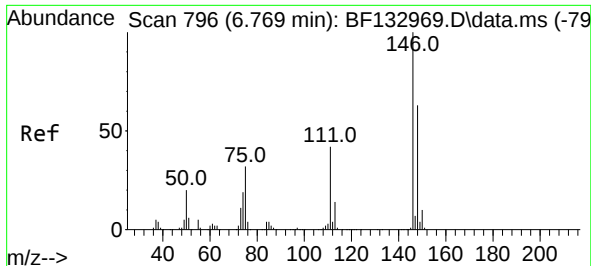
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023



#12
1,3-Dichlorobenzene
Concen: 47.716 ng
RT: 6.663 min Scan# 778
Delta R.T. 0.000 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

Tgt Ion:146 Resp: 806129
Ion Ratio Lower Upper
146 100
148 65.5 51.0 76.4
75 27.8 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 47.729 ng

RT: 6.740 min Scan# 796

Delta R.T. 0.000 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

Instrument :

BNA_F

ClientSampleId :

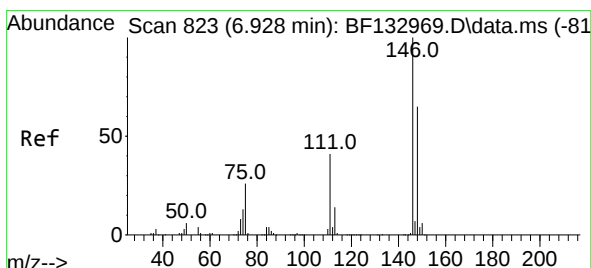
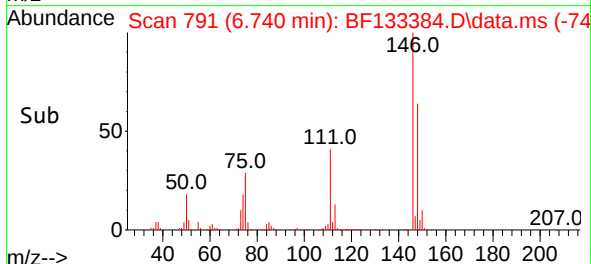
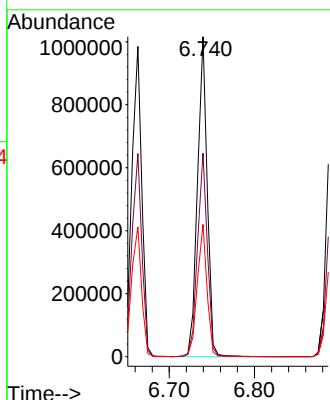
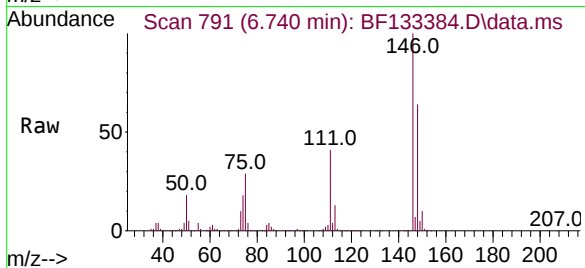
PB152781BSD

Tgt Ion:146 Resp: 808134
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.3 75.5
 111 41.3 33.8 50.6

Manual Integrations

APPROVED

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



#14

1,2-Dichlorobenzene

Concen: 49.931 ng

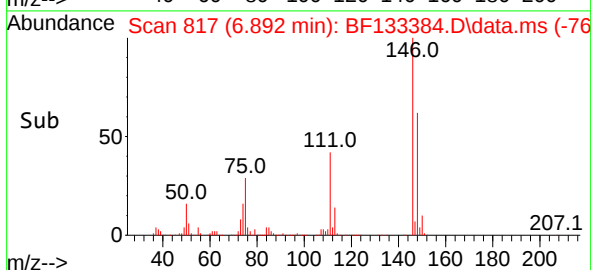
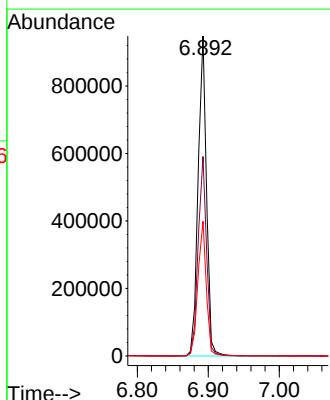
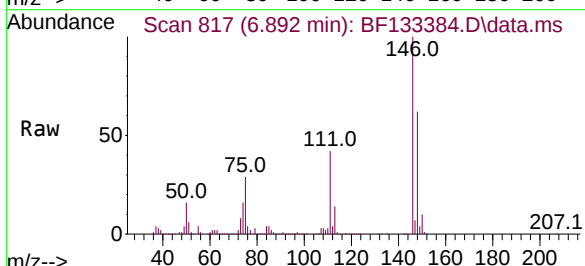
RT: 6.892 min Scan# 817

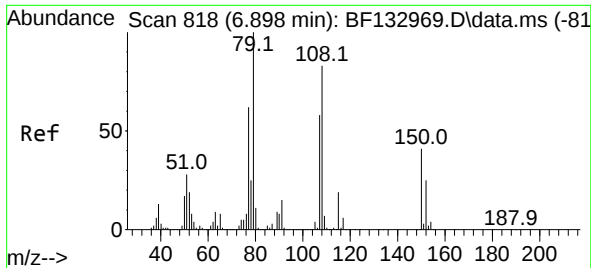
Delta R.T. 0.000 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

Tgt Ion:146 Resp: 779433
 Ion Ratio Lower Upper
 146 100
 148 62.3 52.2 78.2
 111 42.1 32.8 49.2





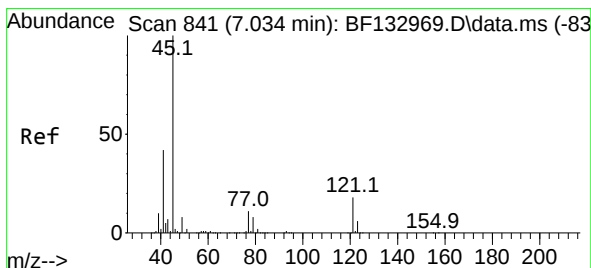
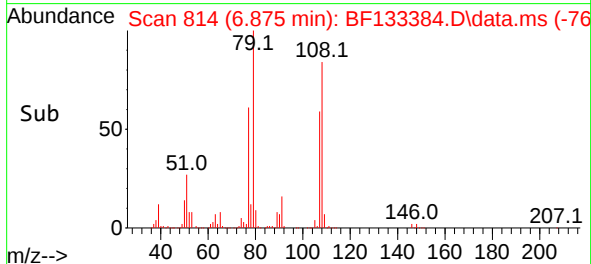
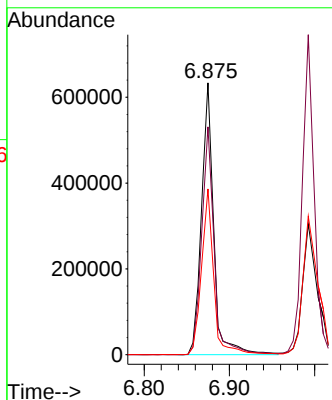
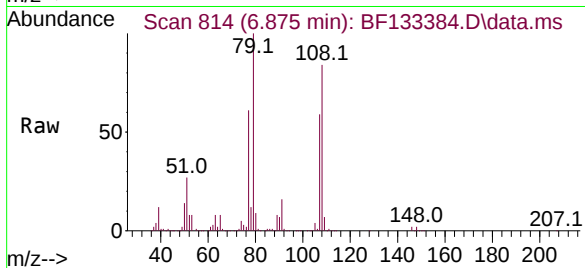
#15
Benzyl Alcohol
Concen: 46.895 ng
RT: 6.875 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

Instrument :
BNA_F
ClientSampleId :
PB152781BSD

Tgt Ion: 79 Resp: 629260
Ion Ratio Lower Upper
79 100
108 83.8 66.6 99.8
77 61.0 49.2 73.8

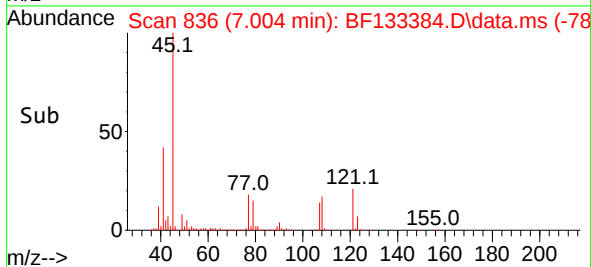
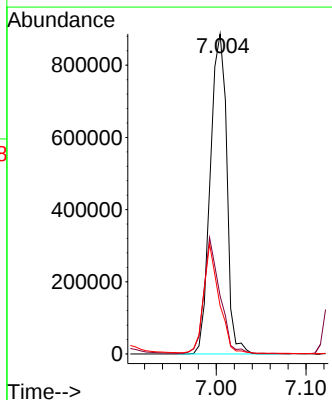
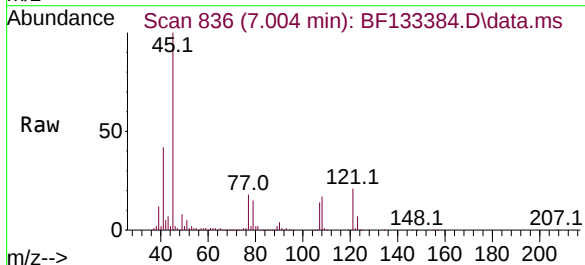
Manual Integrations
APPROVED

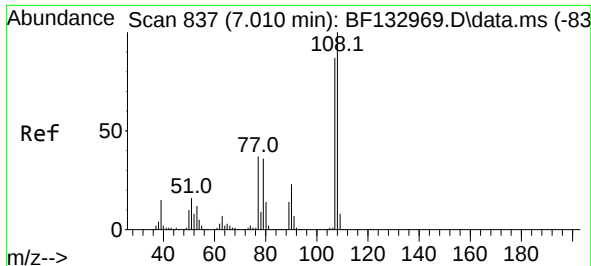
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.509 ng
RT: 7.004 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

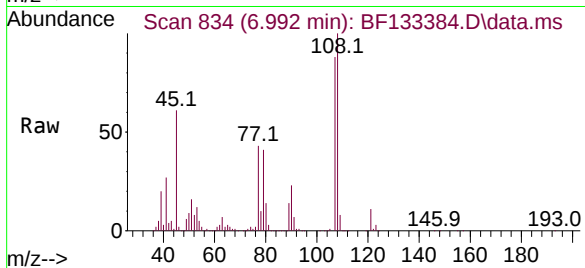
Tgt Ion: 45 Resp: 1131456
Ion Ratio Lower Upper
45 100
77 18.1 0.0 31.5
79 15.1 0.0 28.7





#17
2-Methylphenol
Concen: 43.390 ng
RT: 6.992 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

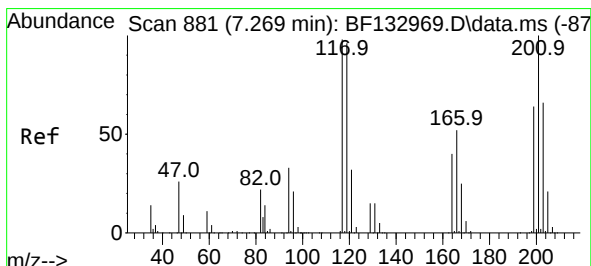
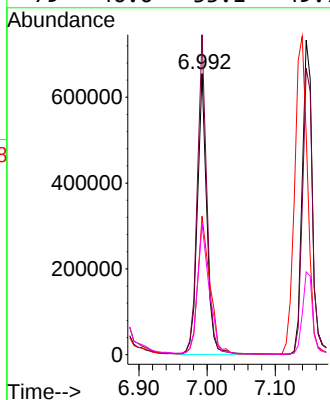
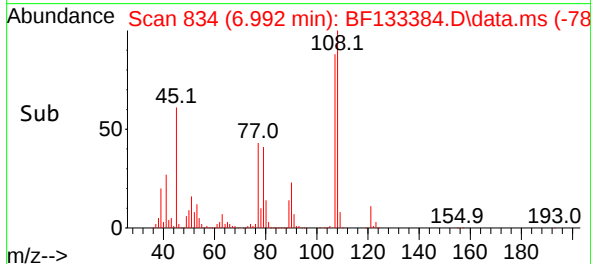
Instrument :
BNA_F
ClientSampleId :
PB152781BSD



Tgt Ion:	107	Resp:	631340
Ion	Ratio	Lower	Upper
107	100		
108	113.8	92.4	138.6
77	49.2	33.8	50.8
79	46.6	33.1	49.7

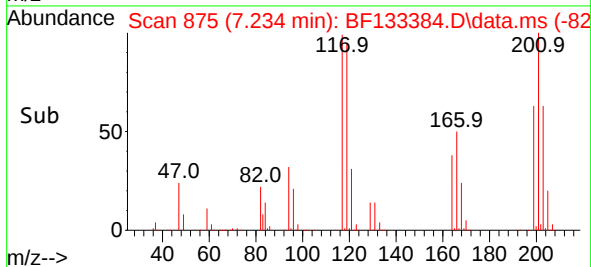
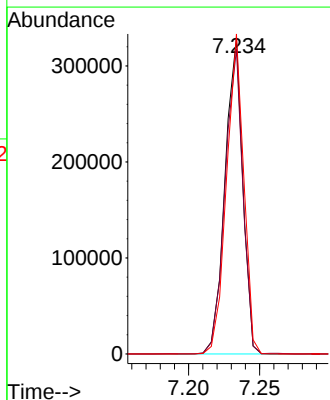
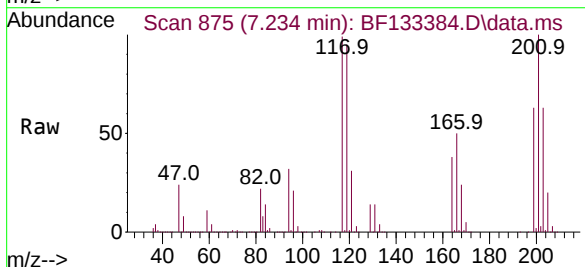
Manual Integrations
APPROVED

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



#18
Hexachloroethane
Concen: 48.463 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

Tgt Ion:	117	Resp:	285287
Ion	Ratio	Lower	Upper
117	100		
119	96.5	78.2	117.4
201	101.2	81.7	122.5





#19

n-Nitroso-di-n-propylamine

Concen: 40.722 ng

RT: 7.151 min Scan# 80

Delta R.T. 0.006 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB152781BSD

Tgt Ion: 70 Resp: 49247

Ion Ratio Lower Upper

70 100

42 58.8 51.8 77.6

101 10.6 8.0 12.0

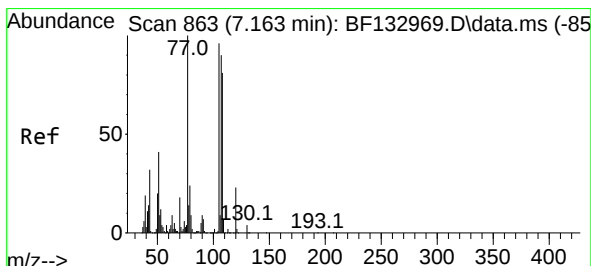
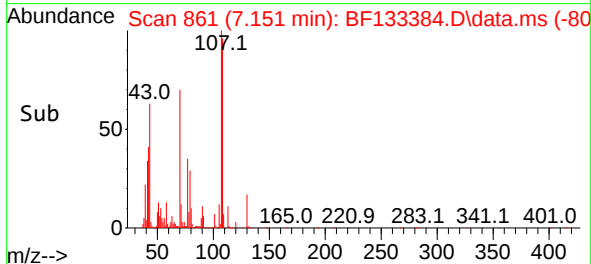
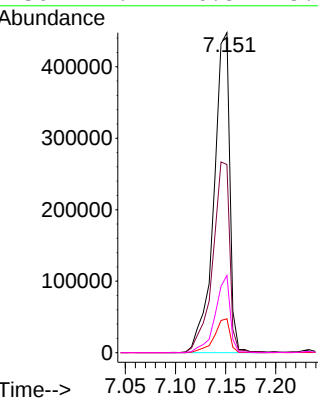
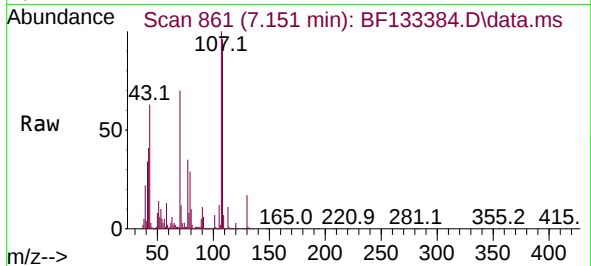
130 24.1 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/16/2023

Supervised By :Yogesh Patel 05/16/2023



#20

3+4-Methylphenols

Concen: 44.354 ng

RT: 7.145 min Scan# 860

Delta R.T. 0.000 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

Tgt Ion:107 Resp: 760027

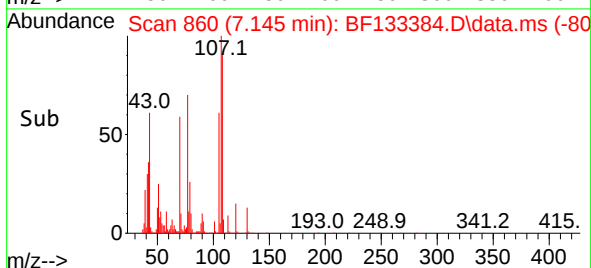
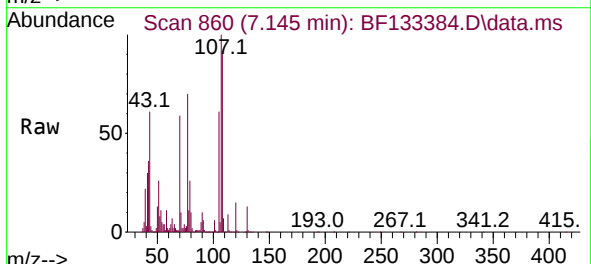
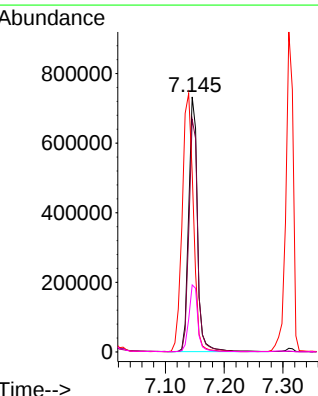
Ion Ratio Lower Upper

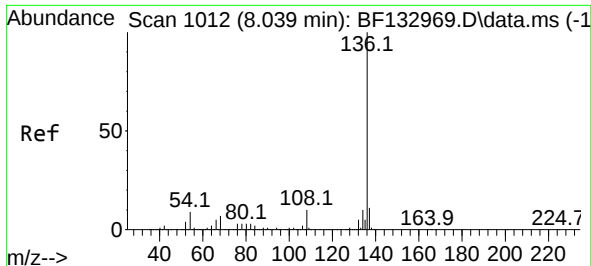
107 100

108 91.2 70.5 110.5

77 70.2 91.7 131.7#

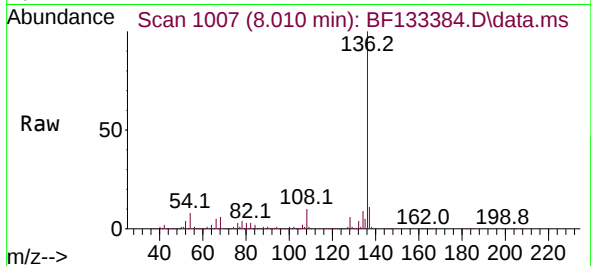
79 26.3 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

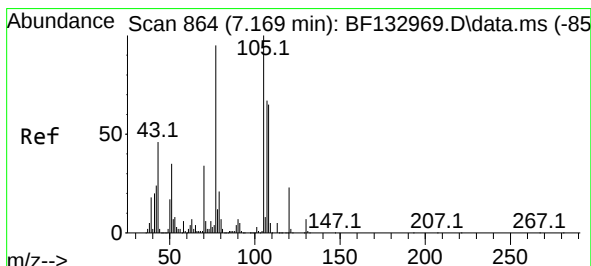
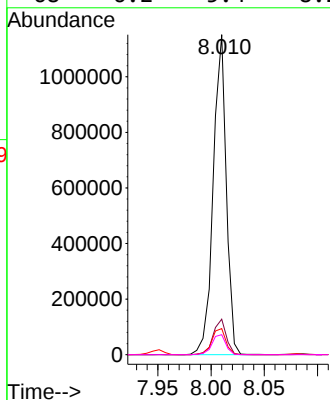
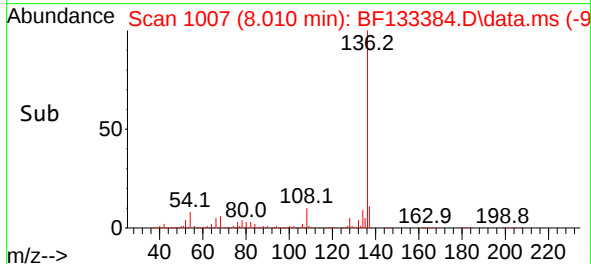
Instrument :
BNA_F
ClientSampleId :
PB152781BSD



Tgt Ion:136 Resp: 980297
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.2 7.0 10.4
68 6.2 5.4 8.2

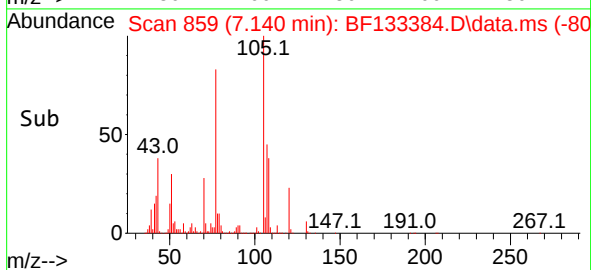
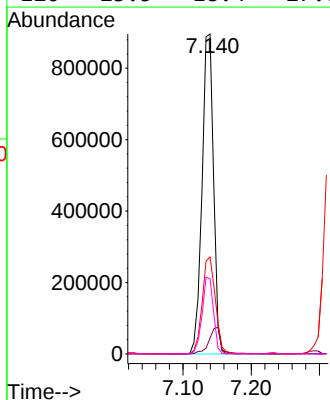
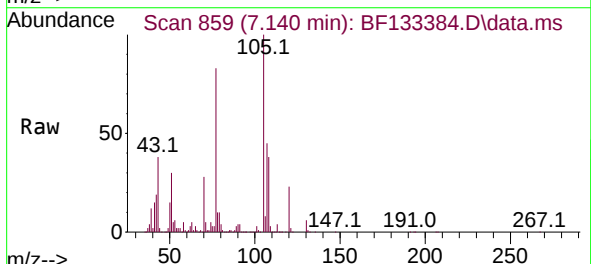
Manual Integrations
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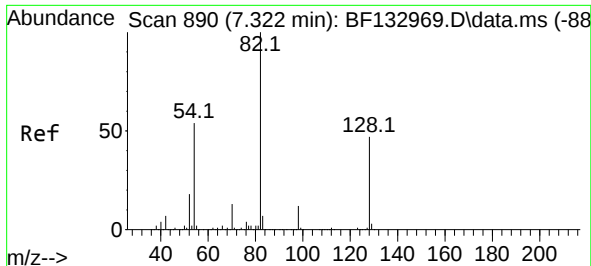
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023



#22
Acetophenone
Concen: 46.482 ng
RT: 7.140 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

Tgt Ion:105 Resp: 1055518
Ion Ratio Lower Upper
105 100
71 4.9 4.6 7.0
51 30.3 28.2 42.2
120 23.5 18.4 27.6





#23

Nitrobenzene-d5

Concen: 82.036 ng

RT: 7.292 min Scan# 885

Delta R.T. 0.000 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB152781BSD

Tgt Ion: 82 Resp: 1489898

Ion Ratio Lower Upper

82 100

128 47.1 37.7 56.5

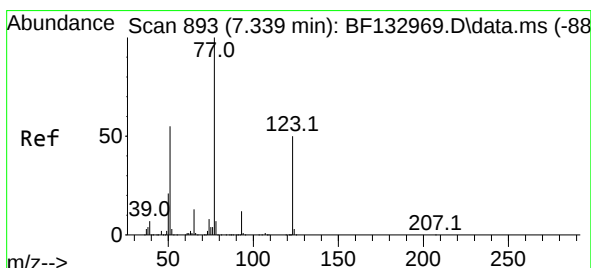
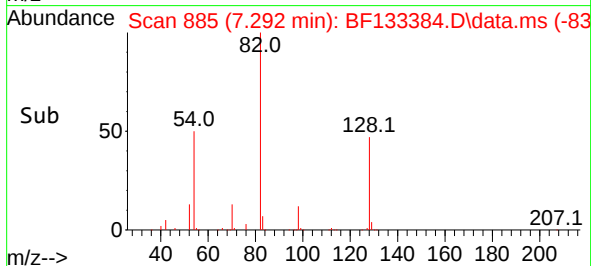
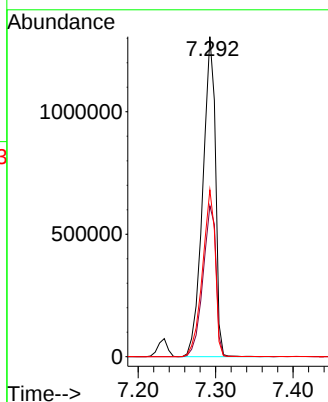
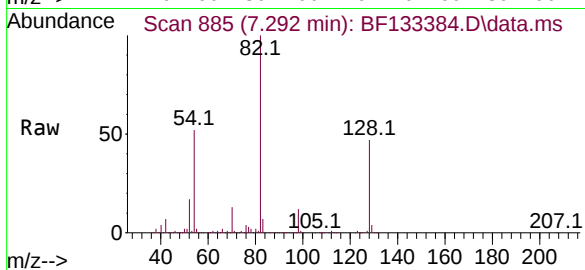
54 52.2 43.0 64.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/16/2023

Supervised By :Yogesh Patel 05/16/2023



#24

Nitrobenzene

Concen: 42.972 ng

RT: 7.310 min Scan# 888

Delta R.T. 0.000 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

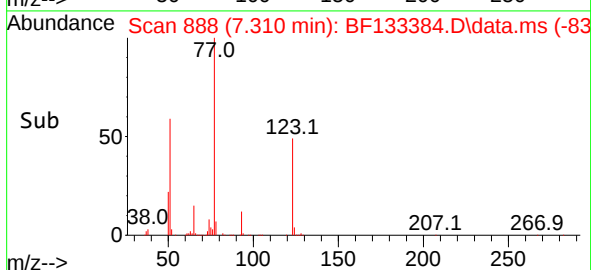
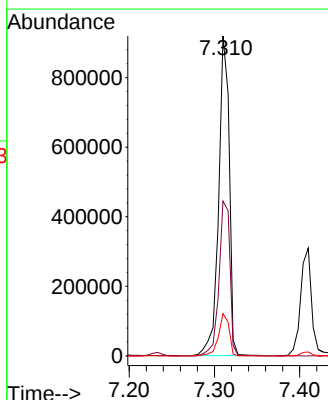
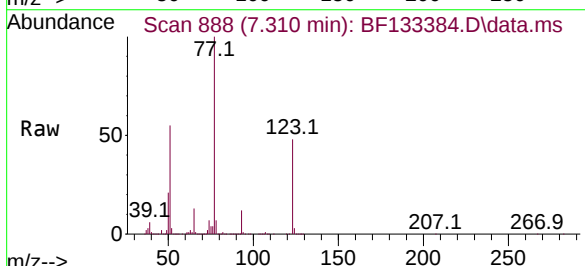
Tgt Ion: 77 Resp: 790831

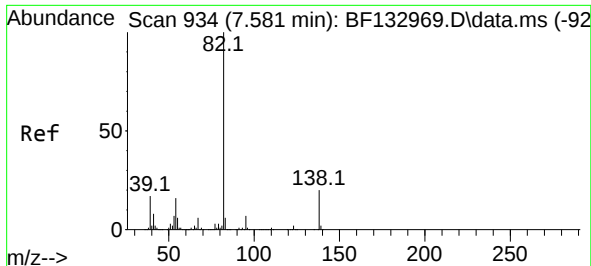
Ion Ratio Lower Upper

77 100

123 48.4 39.9 59.9

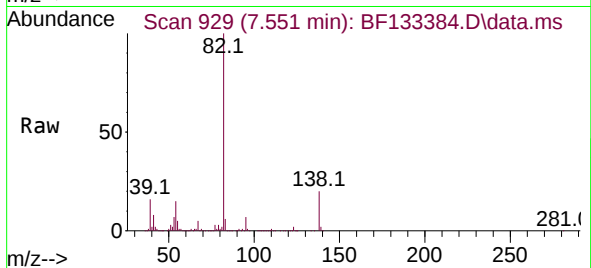
65 13.3 10.7 16.1





#25
Isophorone
Concen: 42.908 ng
RT: 7.551 min Scan# 911
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

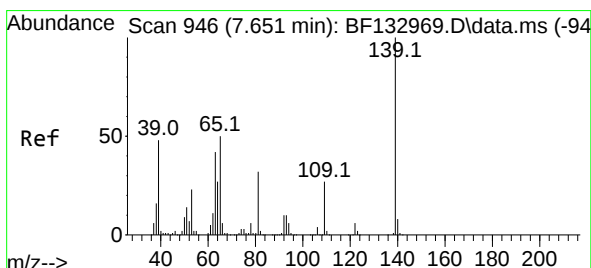
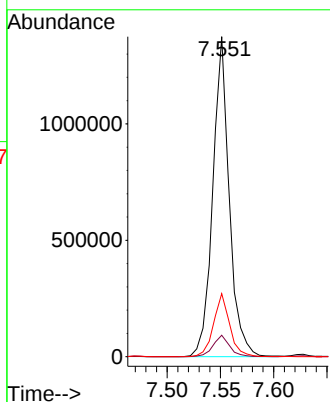
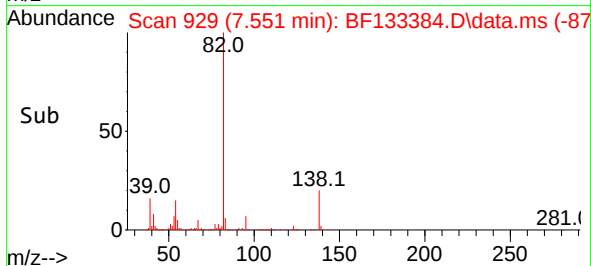
Instrument :
BNA_F
ClientSampleId :
PB152781BSD



Tgt Ion: 82 Resp: 1479584
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 19.7 16.0 24.0

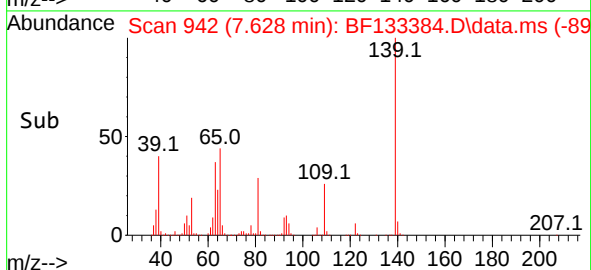
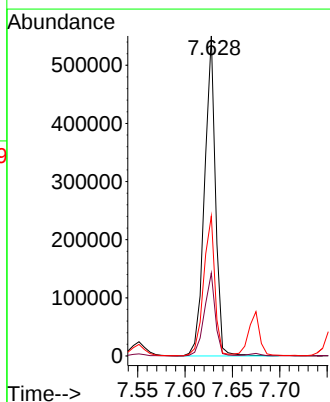
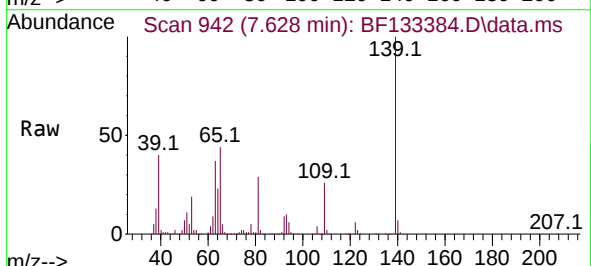
Manual Integrations
APPROVED

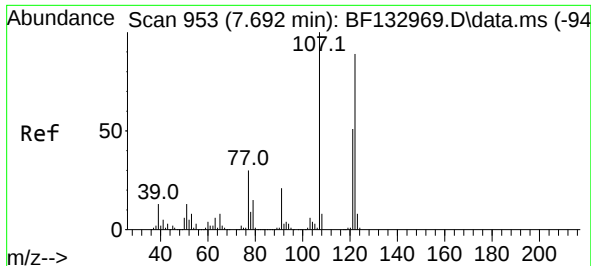
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023



#26
2-Nitrophenol
Concen: 49.811 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

Tgt Ion:139 Resp: 442150
Ion Ratio Lower Upper
139 100
109 25.9 21.6 32.4
65 43.7 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 45.595 ng

RT: 7.675 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF133384.D

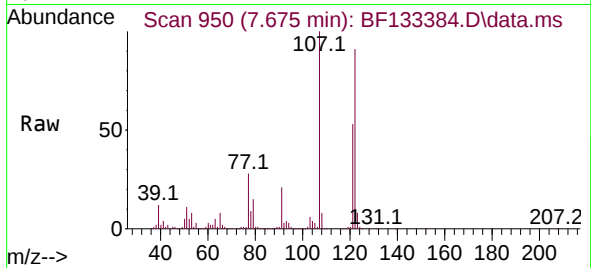
Acq: 15 May 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB152781BSD

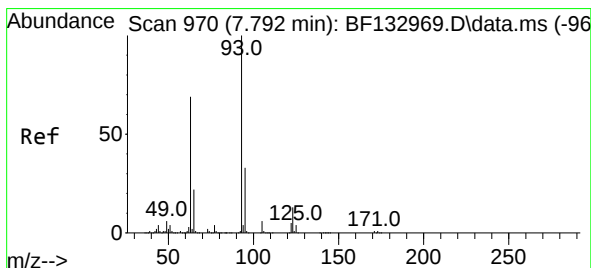
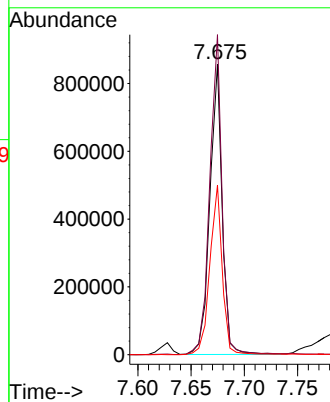
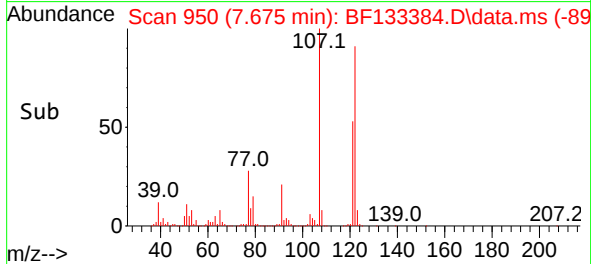


Tgt Ion:	122	Resp:	693980
Ion Ratio	Lower	Upper	
122	100		
107	110.2	89.7	134.5
121	58.4	46.0	69.0

Manual Integrations

APPROVED

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



#28

bis(2-Chloroethoxy)methane

Concen: 43.558 ng

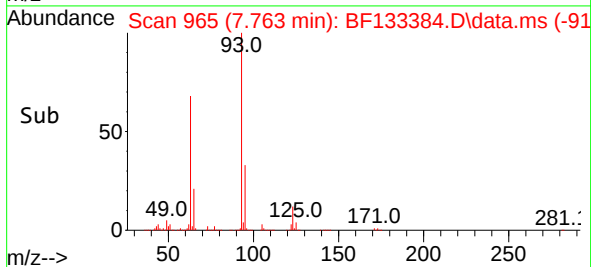
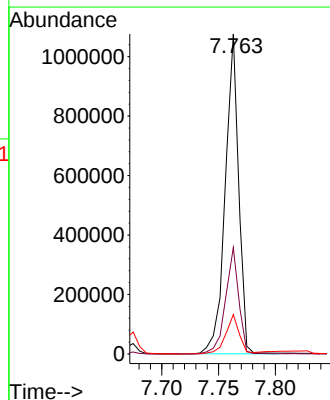
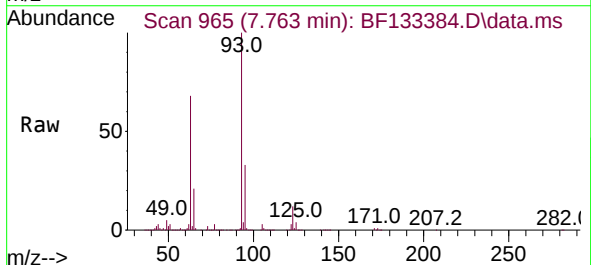
RT: 7.763 min Scan# 965

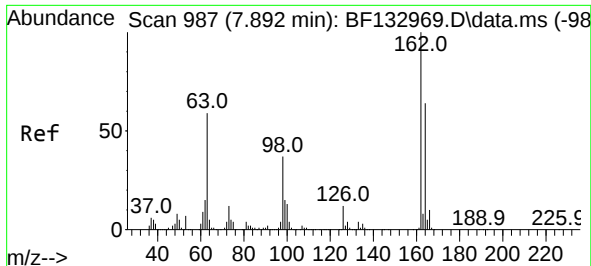
Delta R.T. 0.000 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

Tgt Ion:	93	Resp:	888547
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.4	39.6
123	12.3	10.3	15.5





#29

2,4-Dichlorophenol

Concen: 46.425 ng

RT: 7.875 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

Instrument :

BNA_F

ClientSampleId :

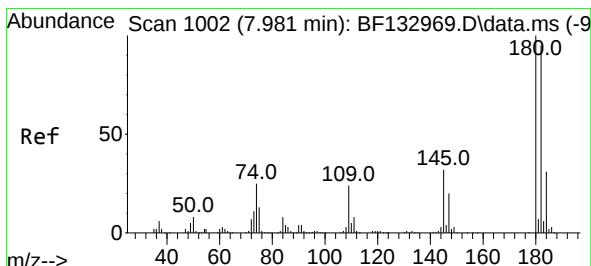
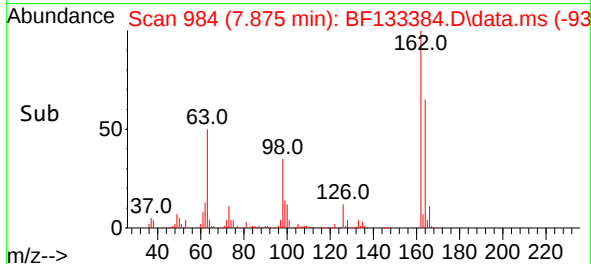
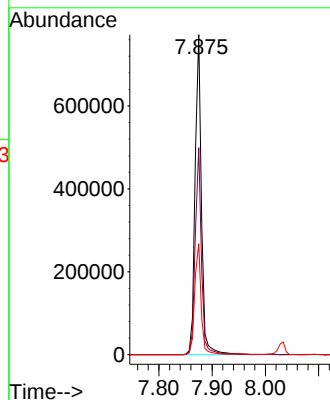
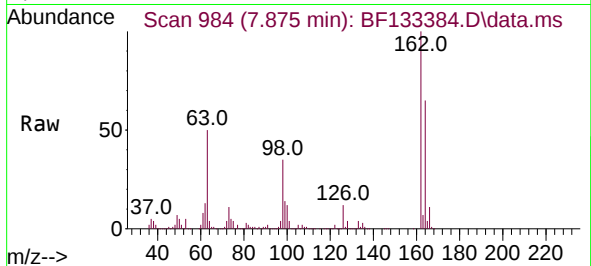
PB152781BSD

Tgt Ion:162 Resp: 643269
 Ion Ratio Lower Upper
 162 100
 164 64.7 43.9 83.9
 98 34.7 17.0 57.0

Manual Integrations

APPROVED

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



#30

1,2,4-Trichlorobenzene

Concen: 46.453 ng

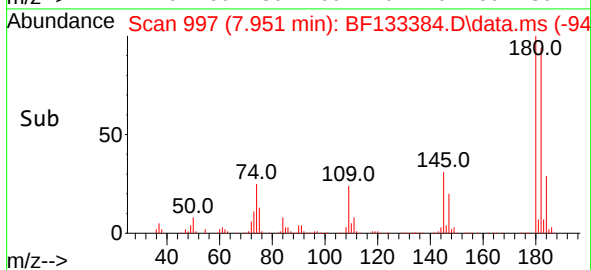
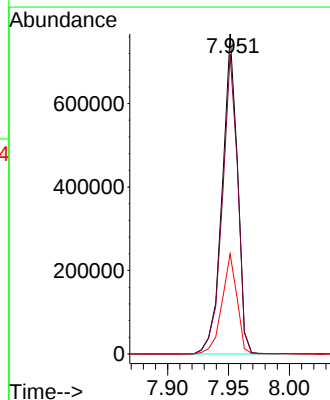
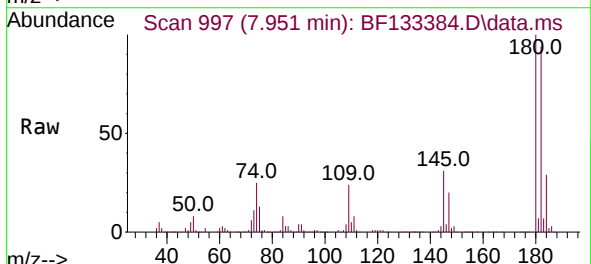
RT: 7.951 min Scan# 997

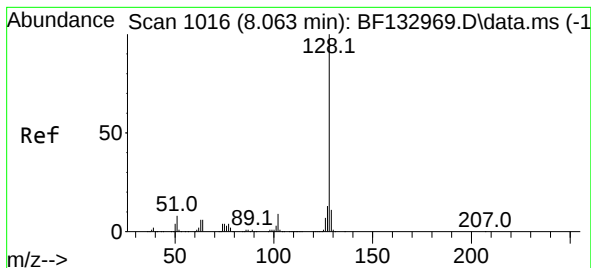
Delta R.T. 0.000 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

Tgt Ion:180 Resp: 666833
 Ion Ratio Lower Upper
 180 100
 182 93.6 75.9 113.9
 145 31.3 25.3 37.9





#31

Naphthalene

Concen: 43.502 ng

RT: 8.034 min Scan# 1016

Delta R.T. 0.006 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB152781BSD

Tgt Ion:128 Resp: 2132124

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

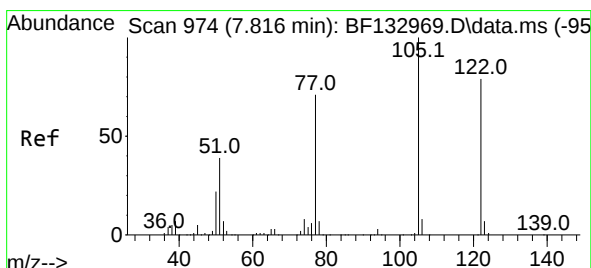
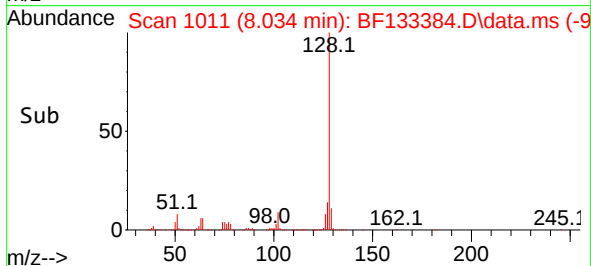
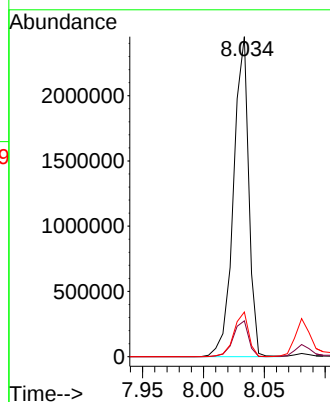
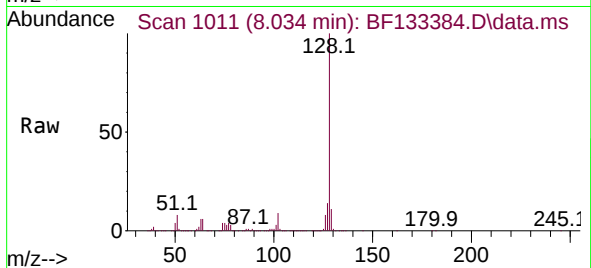
127 14.0 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/16/2023

Supervised By :Yogesh Patel 05/16/2023



#32

Benzoic acid

Concen: 46.148 ng

RT: 7.822 min Scan# 975

Delta R.T. 0.029 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

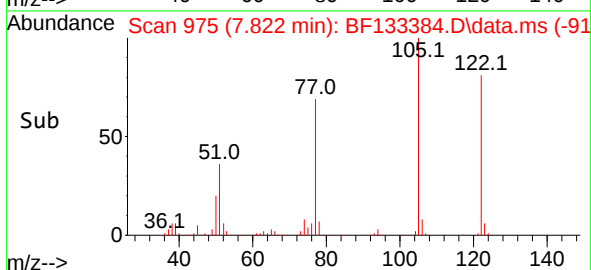
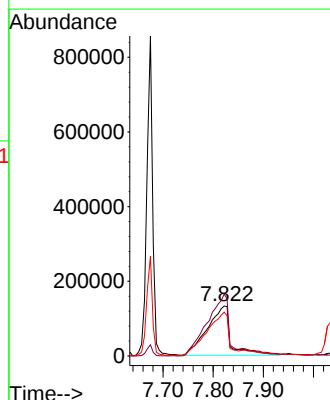
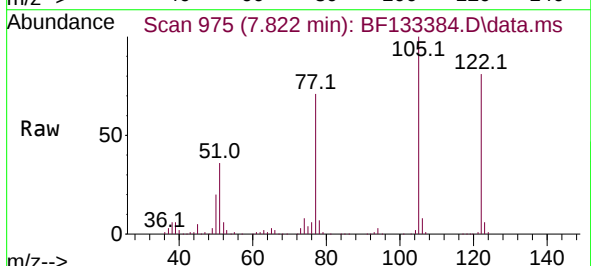
Tgt Ion:122 Resp: 433869

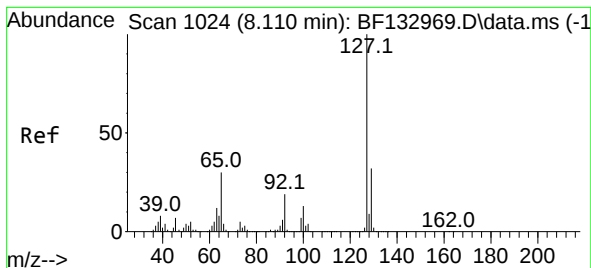
Ion Ratio Lower Upper

122 100

105 124.2 104.2 144.2

77 87.8 69.7 109.7





#33

4-Chloroaniline

Concen: 17.050 ng m

RT: 8.081 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB152781BSD

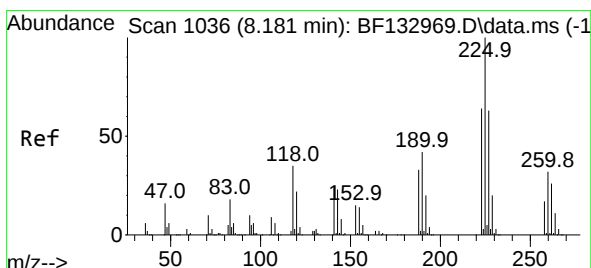
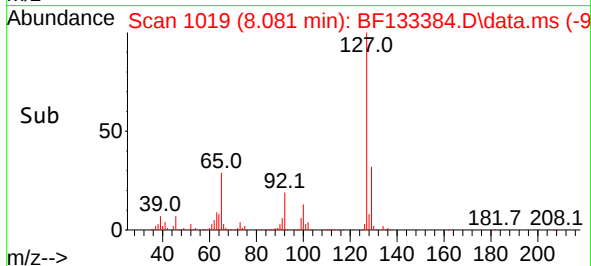
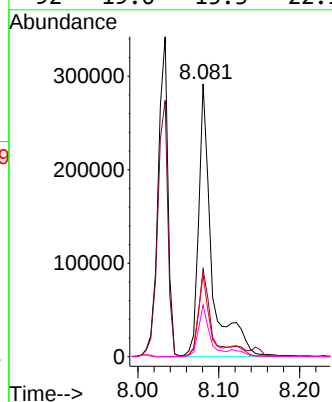
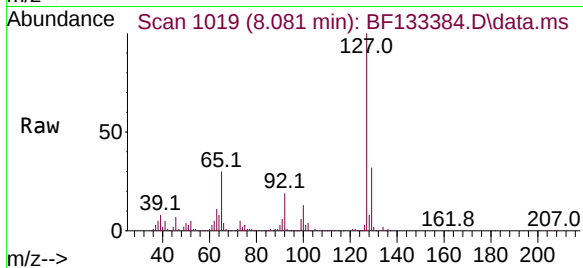
Tgt Ion:	127	Resp:	337629
Ion Ratio	Lower	Upper	
127	100		
129	32.1	25.8	38.8
65	29.9	23.6	35.4
92	19.0	15.3	22.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/16/2023

Supervised By :Yogesh Patel 05/16/2023



#34

Hexachlorobutadiene

Concen: 44.948 ng

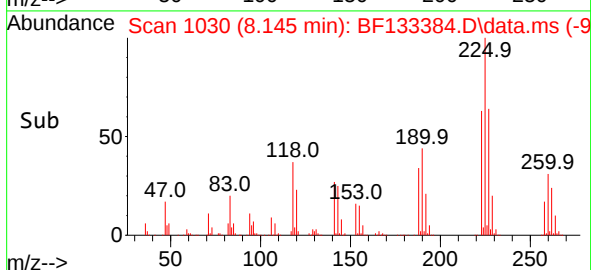
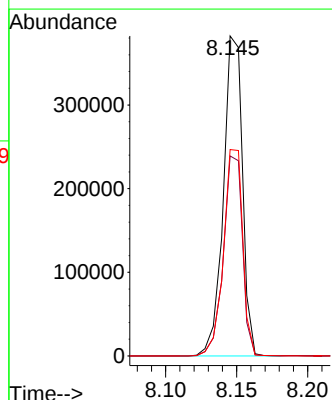
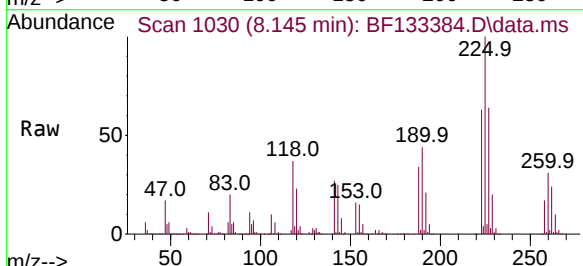
RT: 8.145 min Scan# 1030

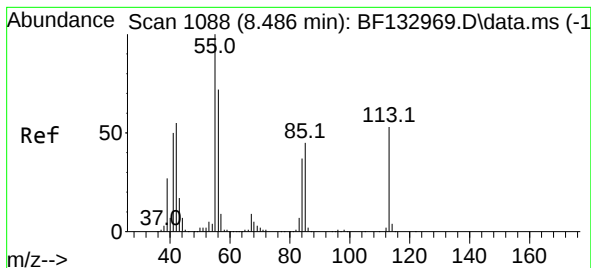
Delta R.T. -0.006 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

Tgt Ion:	225	Resp:	357609
Ion Ratio	Lower	Upper	
225	100		
223	62.5	50.9	76.3
227	64.5	50.3	75.5





#35

Caprolactam

Concen: 49.907 ng/ml

RT: 8.469 min Scan# 1088

Delta R.T. 0.012 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

Instrument :

BNA_F

ClientSampleId :

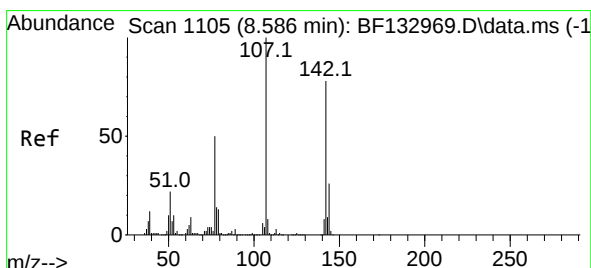
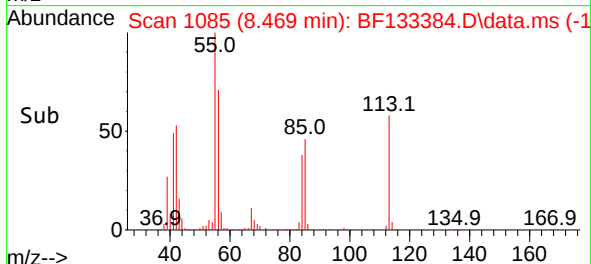
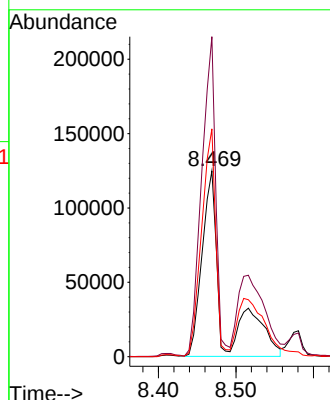
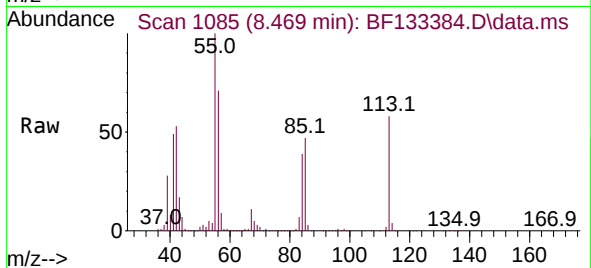
PB152781BSD

Tgt Ion:113 Resp: 232308
 Ion Ratio Lower Upper
 113 100
 55 172.3 167.1 207.1
 56 122.7 114.5 154.5

Manual Integrations

APPROVED

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



#36

4-Chloro-3-methylphenol

Concen: 46.633 ng/ml

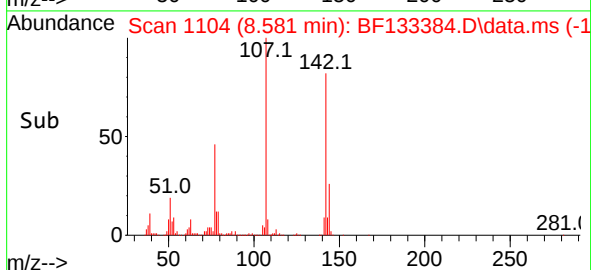
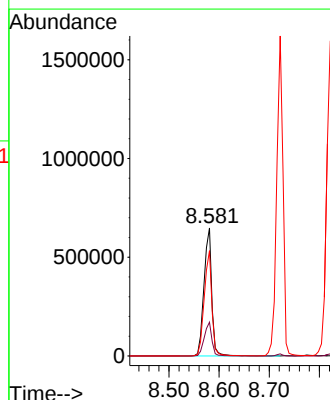
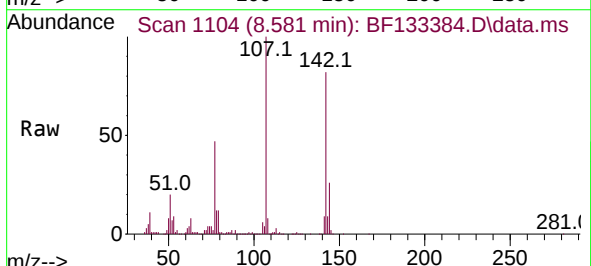
RT: 8.581 min Scan# 1104

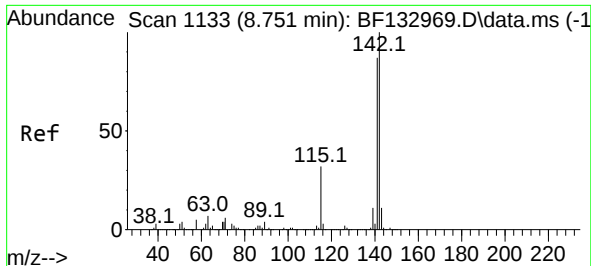
Delta R.T. 0.012 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

Tgt Ion:107 Resp: 696794
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.6 30.8
 142 82.2 62.8 94.2





#37

2-Methylnaphthalene

Concen: 42.128 ng

RT: 8.722 min Scan# 1133

Delta R.T. 0.000 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB152781BSD

Tgt Ion:142 Resp: 1411610

Ion Ratio Lower Upper

142 100

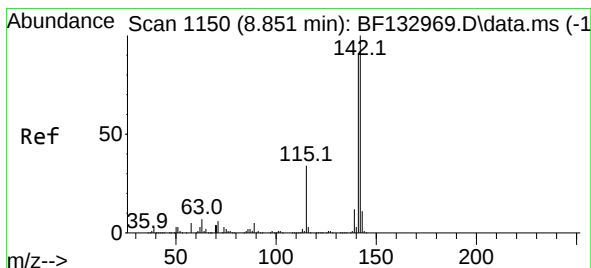
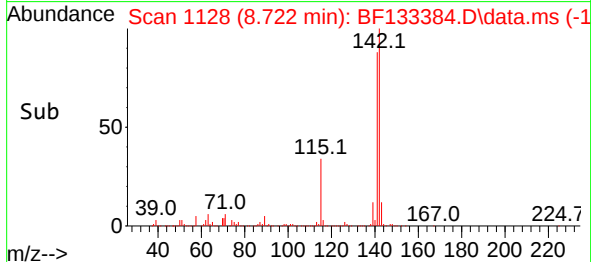
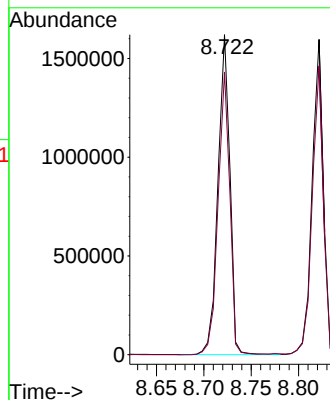
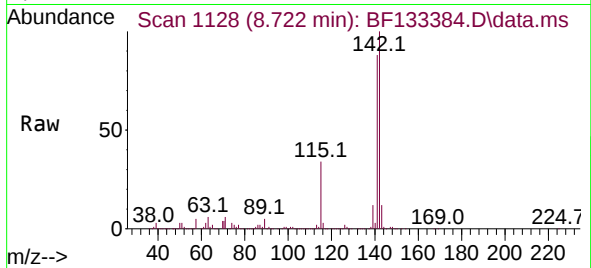
141 88.3 69.4 104.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/16/2023

Supervised By :Yogesh Patel 05/16/2023



#38

1-Methylnaphthalene

Concen: 41.795 ng

RT: 8.822 min Scan# 1145

Delta R.T. 0.000 min

Lab File: BF133384.D

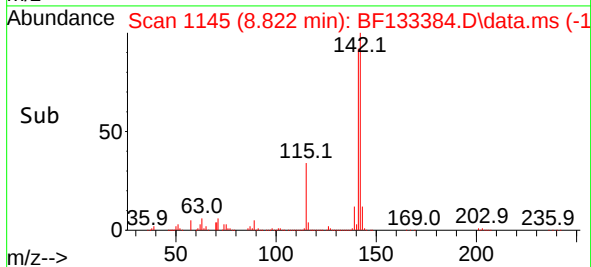
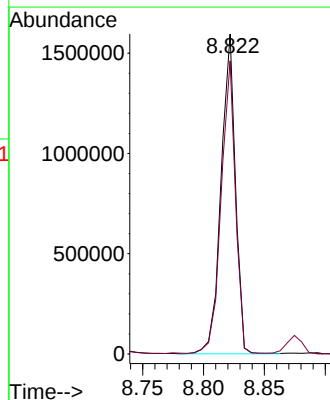
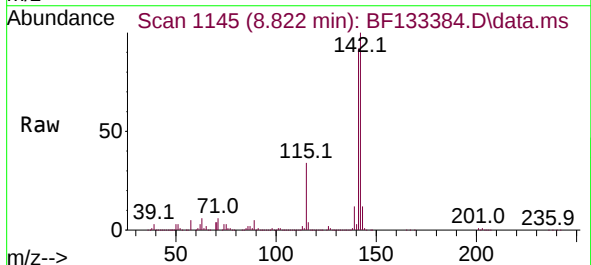
Acq: 15 May 2023 13:58

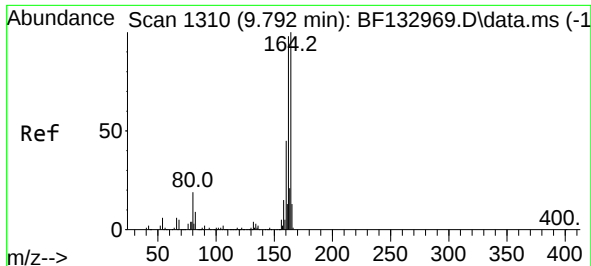
Tgt Ion:142 Resp: 1310129

Ion Ratio Lower Upper

142 100

141 91.6 73.1 109.7





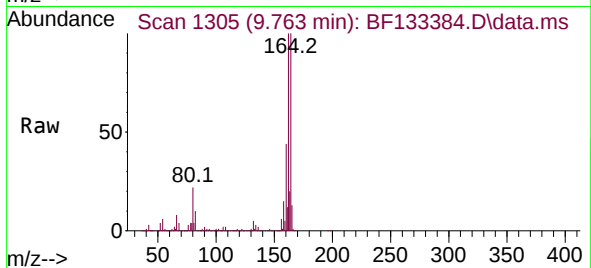
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1157
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB152781BSD

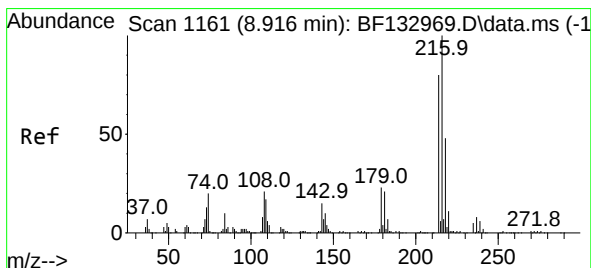
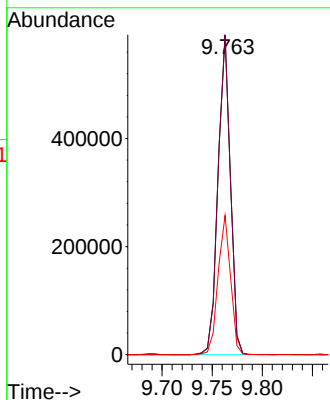
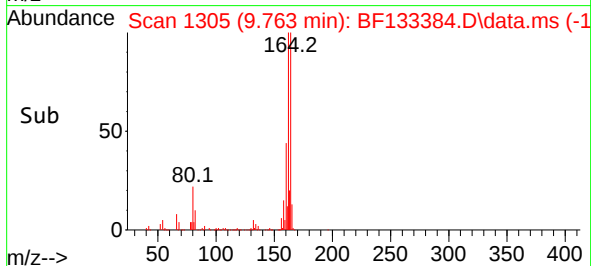


Tgt Ion:164 Resp: 505029
Ion Ratio Lower Upper
164 100
162 100.1 78.7 118.1
160 43.5 35.8 53.6

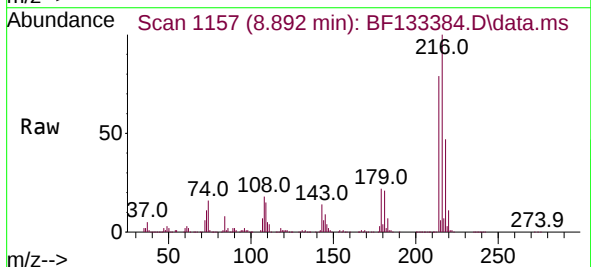
Manual Integrations

APPROVED

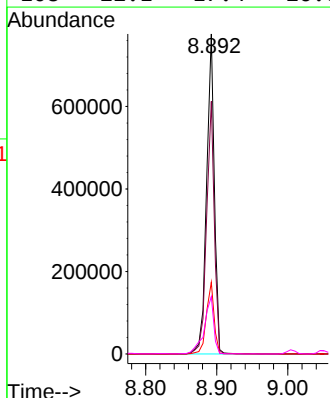
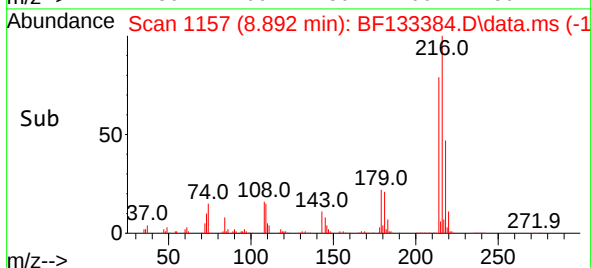
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.617 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58



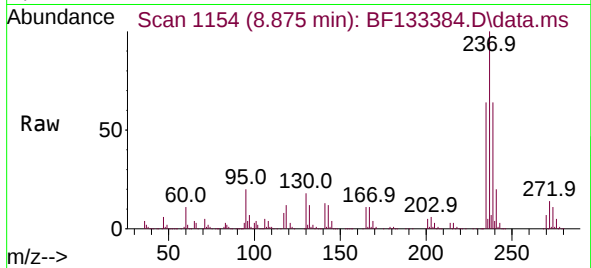
Tgt Ion:216 Resp: 592268
Ion Ratio Lower Upper
216 100
214 79.0 63.5 95.3
179 22.4 17.4 26.2
108 22.1 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 85.482 ng
RT: 8.875 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

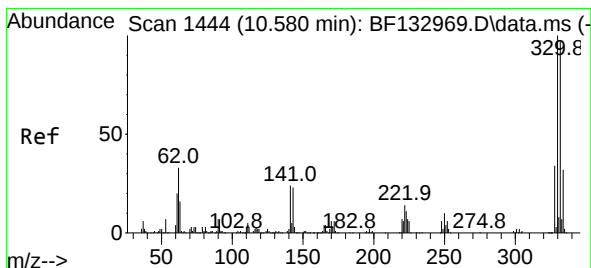
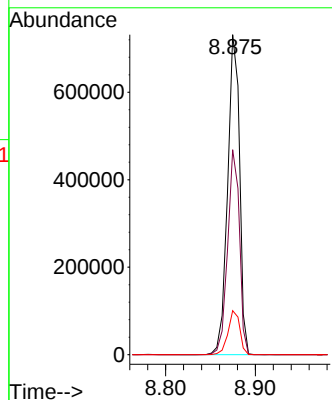
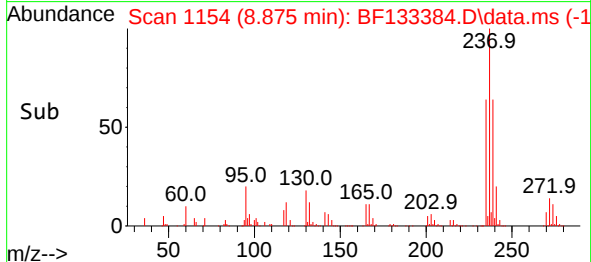
Instrument :
BNA_F
ClientSampleId :
PB152781BSD



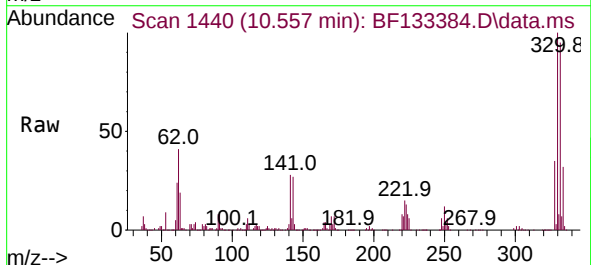
Tgt Ion: 237 Resp: 67695
Ion Ratio Lower Upper
237 100
235 64.1 43.5 83.5
272 13.7 0.0 32.7

Manual Integrations
APPROVED

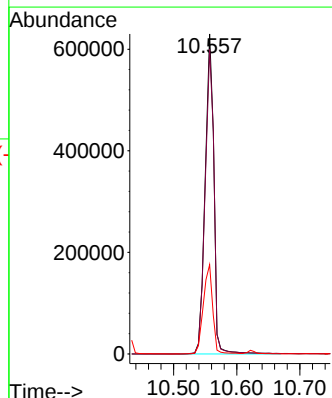
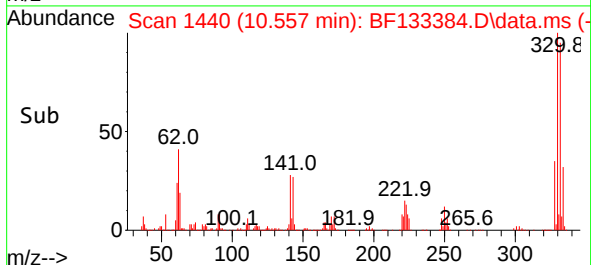
Reviewed By : Christian Giraldo 05/16/2023
Supervised By : Yogesh Patel 05/16/2023

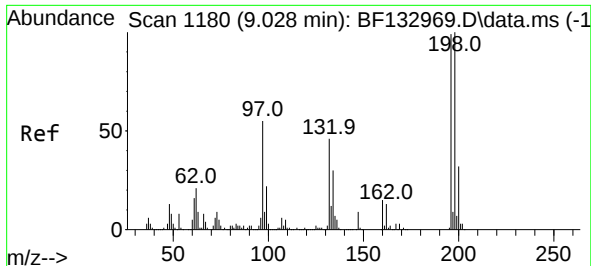


#42
2,4,6-Tribromophenol
Concen: 118.943 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58



Tgt Ion: 330 Resp: 604117
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 29.7 25.8 38.8





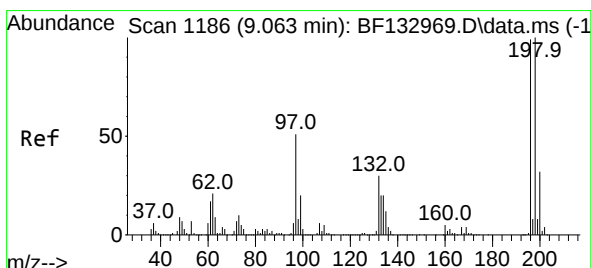
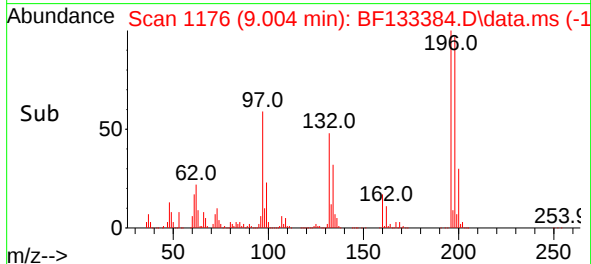
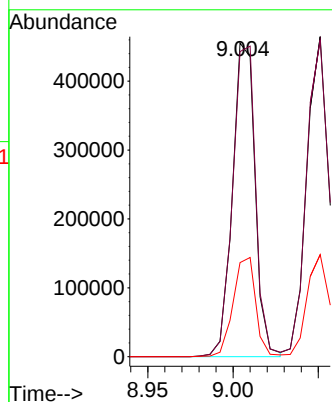
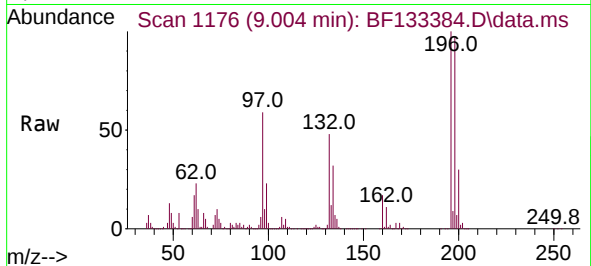
#43
2,4,6-Trichlorophenol
Concen: 44.775 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

Instrument :
BNA_F
ClientSampleId :
PB152781BSD

Tgt Ion:196 Resp: 420460
Ion Ratio Lower Upper
196 100
198 97.3 81.0 121.6
200 30.0 26.1 39.1

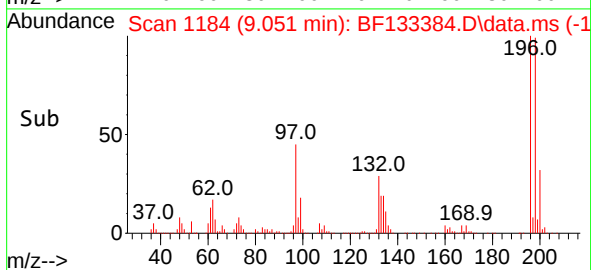
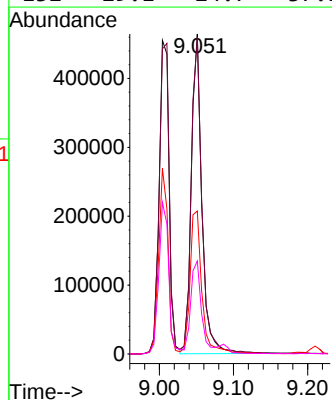
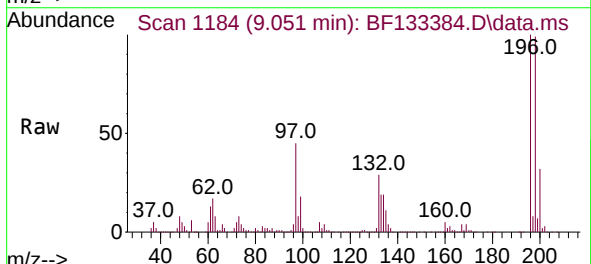
Manual Integrations
APPROVED

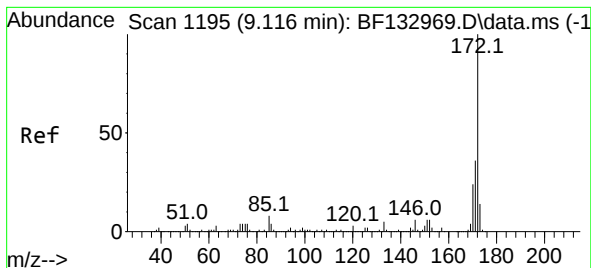
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023



#44
2,4,5-Trichlorophenol
Concen: 42.566 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

Tgt Ion:196 Resp: 462293
Ion Ratio Lower Upper
196 100
198 99.0 80.9 121.3
97 44.7 41.3 61.9
132 29.1 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 81.593 ng

RT: 9.086 min Scan# 1195

Delta R.T. 0.000 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB152781BSD

Tgt Ion:172 Resp: 246304

Ion Ratio Lower Upper

172 100

171 37.2 28.8 43.2

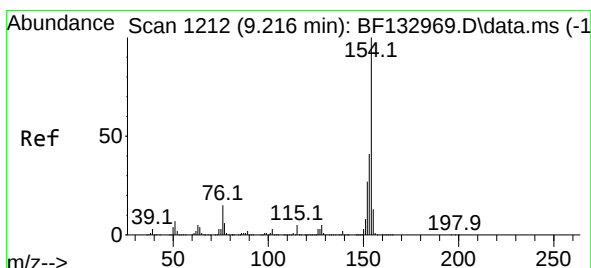
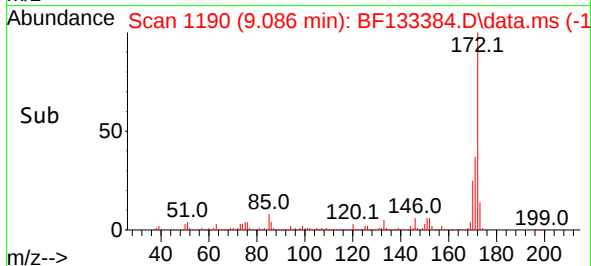
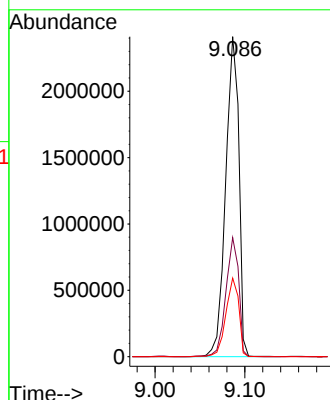
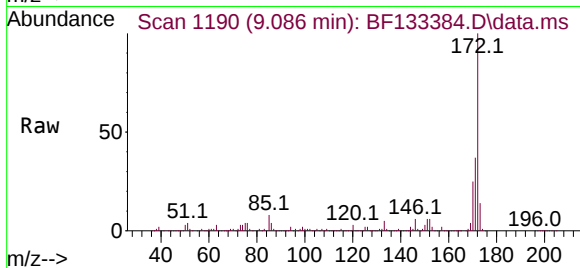
170 24.5 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/16/2023

Supervised By :Yogesh Patel 05/16/2023



#46

1,1'-Biphenyl

Concen: 43.055 ng

RT: 9.186 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

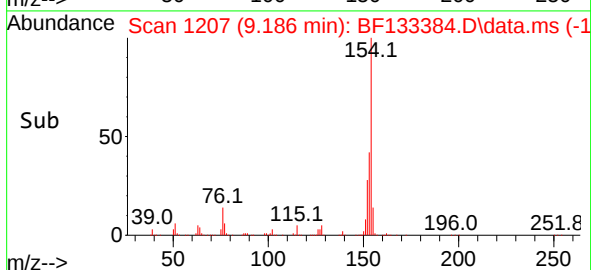
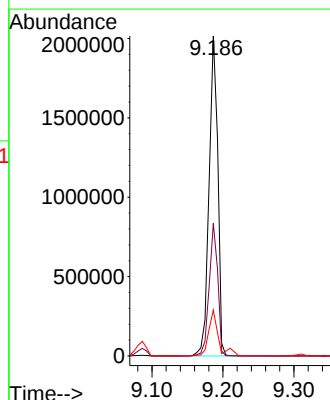
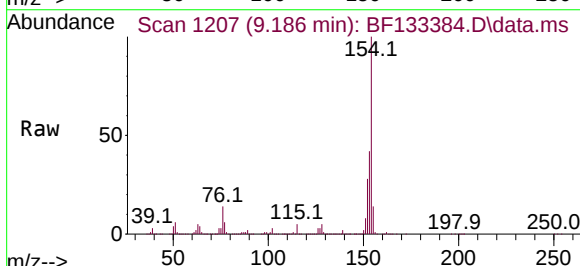
Tgt Ion:154 Resp: 1724200

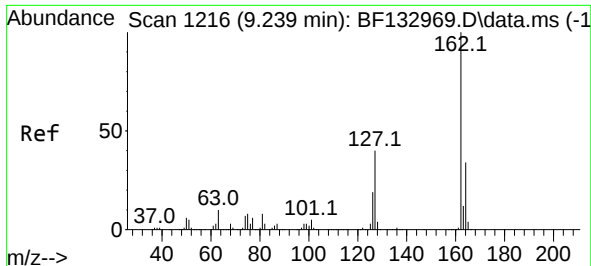
Ion Ratio Lower Upper

154 100

153 41.5 21.0 61.0

76 14.3 0.0 34.5





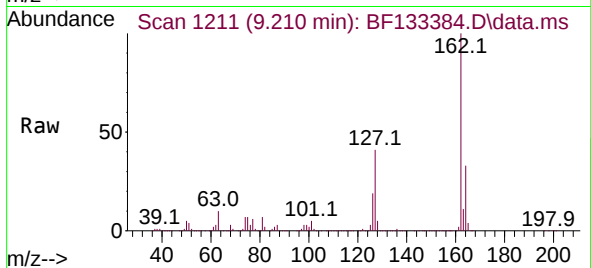
#47
2-Chloronaphthalene
Concen: 45.105 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB152781BSD

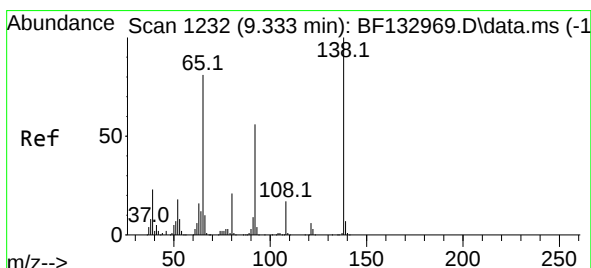
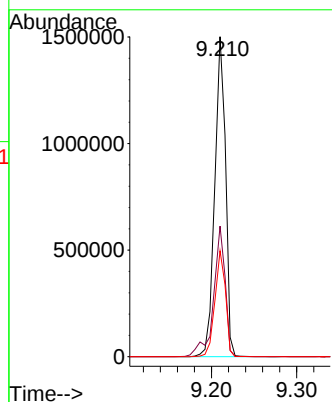
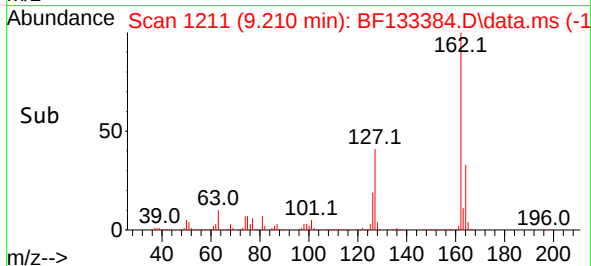


Tgt Ion:162 Resp: 1322079
Ion Ratio Lower Upper
162 100
127 40.8 32.3 48.5
164 33.1 26.8 40.2

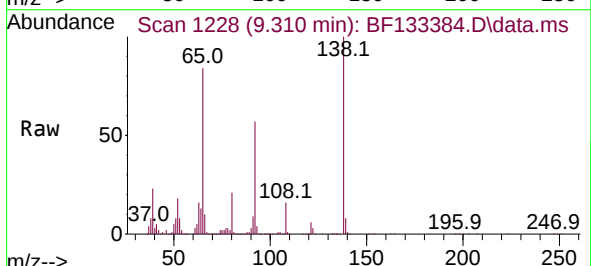
Manual Integrations

APPROVED

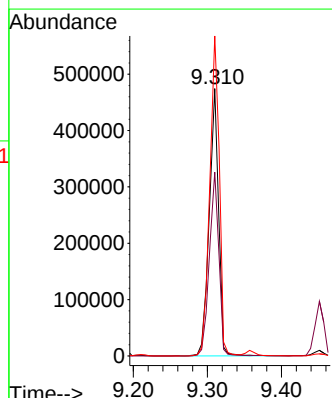
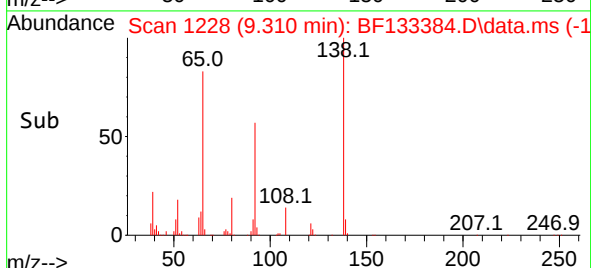
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023

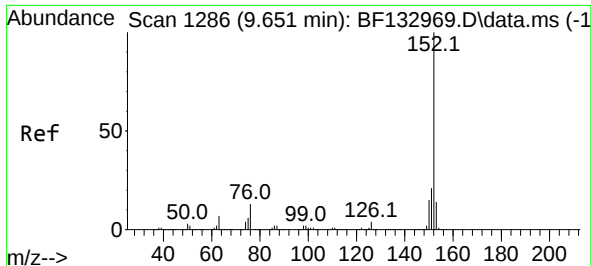


#48
2-Nitroaniline
Concen: 43.303 ng
RT: 9.310 min Scan# 1228
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58



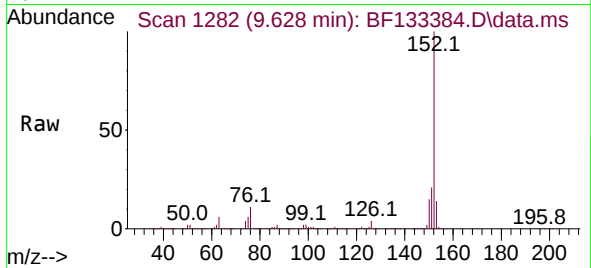
Tgt Ion: 65 Resp: 419486
Ion Ratio Lower Upper
65 100
92 68.8 55.4 83.0
138 119.7 98.2 147.2





#49
Acenaphthylene
Concen: 42.738 ng
RT: 9.628 min Scan# 1282
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

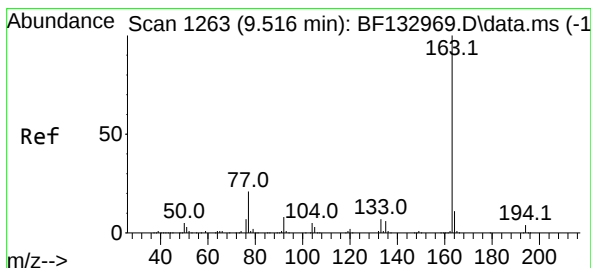
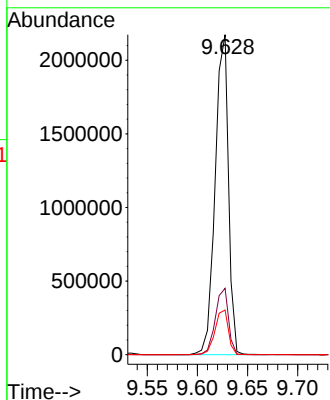
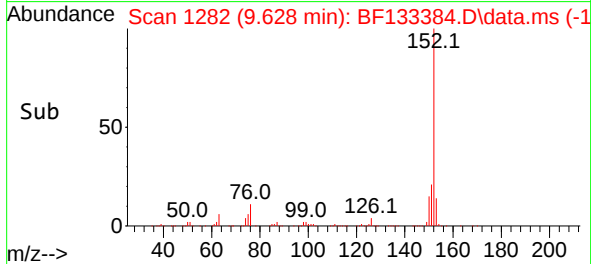
Instrument :
BNA_F
ClientSampleId :
PB152781BSD



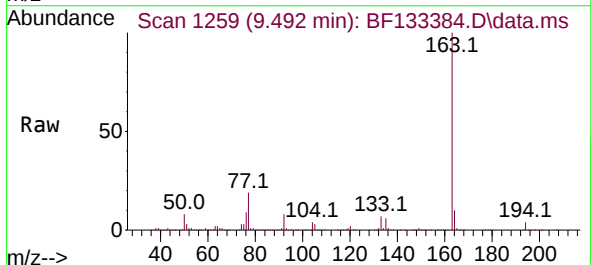
Tgt Ion:152 Resp: 200162
Ion Ratio Lower Upper
152 100
151 20.8 16.6 24.8
153 13.9 11.5 17.3

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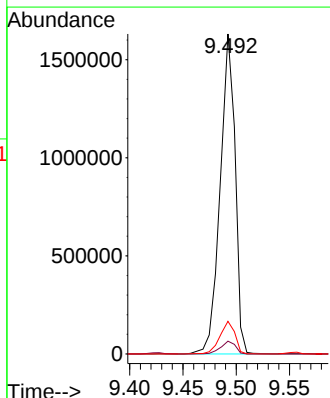
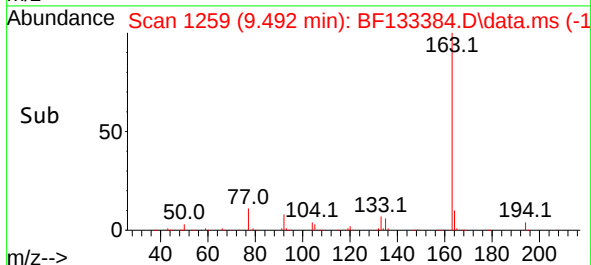
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023

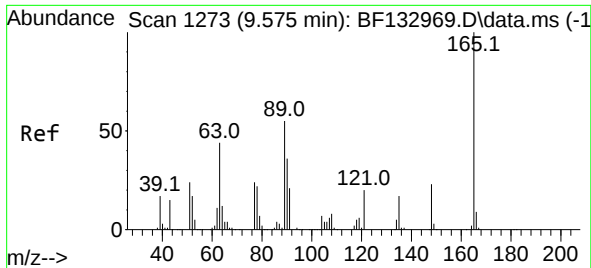


#50
Dimethylphthalate
Concen: 45.154 ng
RT: 9.492 min Scan# 1259
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58



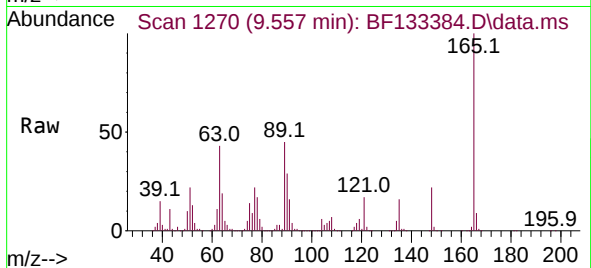
Tgt Ion:163 Resp: 1590076
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.2 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 45.998 ng
RT: 9.557 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

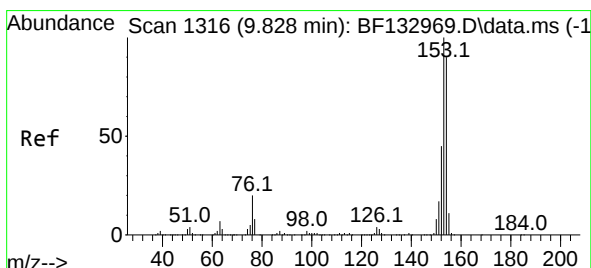
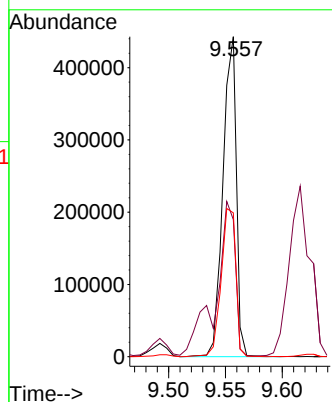
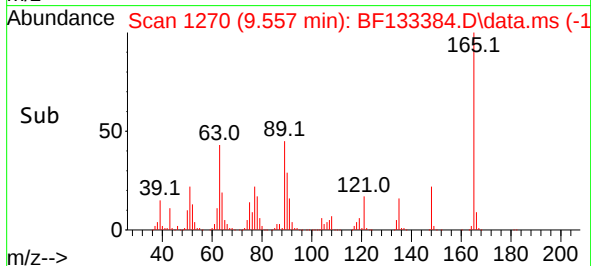
Instrument :
BNA_F
ClientSampleId :
PB152781BSD



Tgt Ion:165 Resp: 364572
Ion Ratio Lower Upper
165 100
63 42.9 45.9 68.9
89 45.0 44.0 66.0

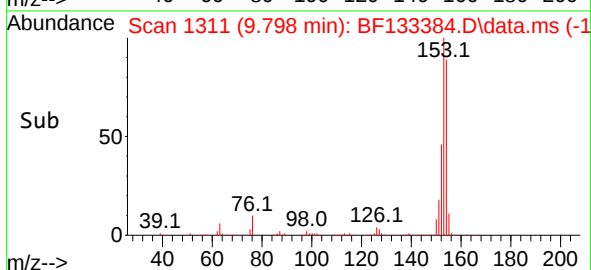
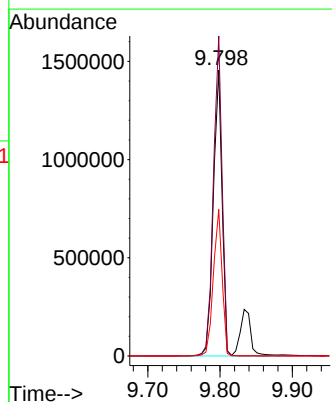
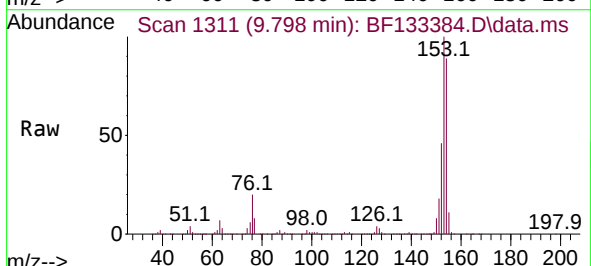
Manual Integrations
APPROVED

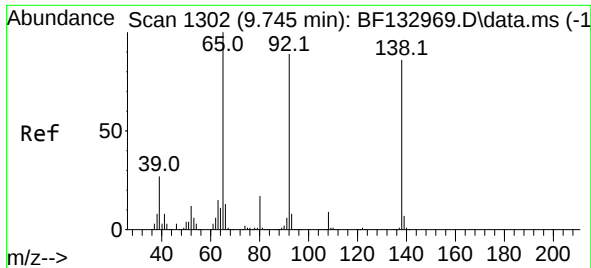
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023



#52
Acenaphthene
Concen: 46.669 ng m
RT: 9.798 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

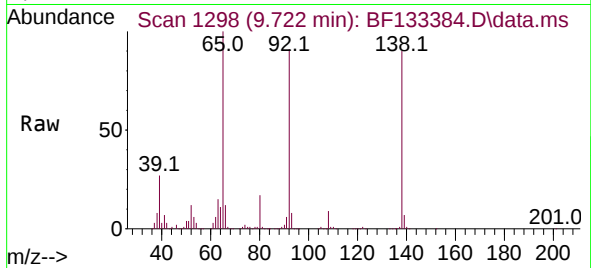
Tgt Ion:154 Resp: 1463918
Ion Ratio Lower Upper
154 100
153 112.0 89.0 133.6
152 51.3 40.4 60.6





#53
3-Nitroaniline
Concen: 27.184 ng
RT: 9.722 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

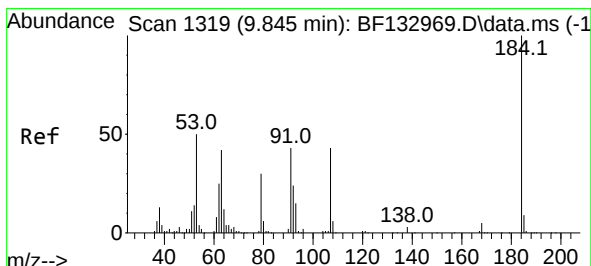
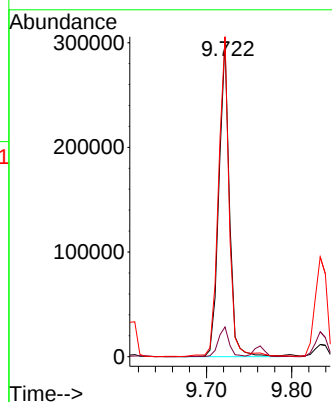
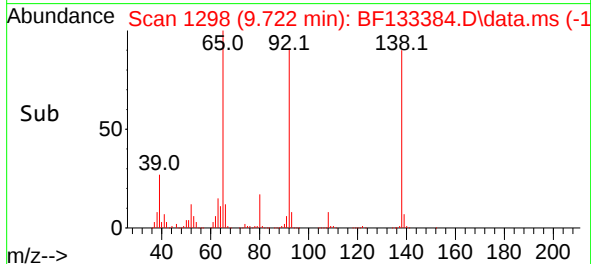
Instrument :
BNA_F
ClientSampleId :
PB152781BSD



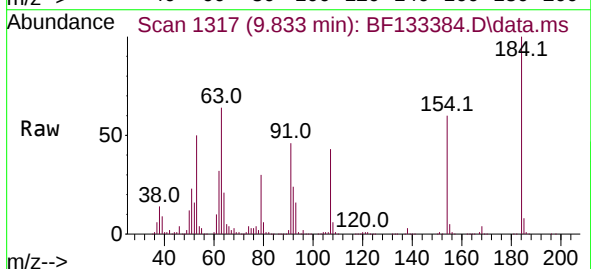
Tgt Ion:138 Resp: 25618
Ion Ratio Lower Upper
138 100
108 9.5 8.0 12.0
92 101.6 83.6 125.4

Manual Integrations
APPROVED

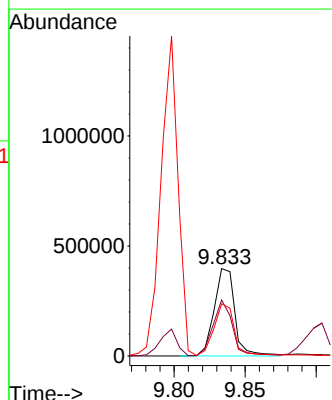
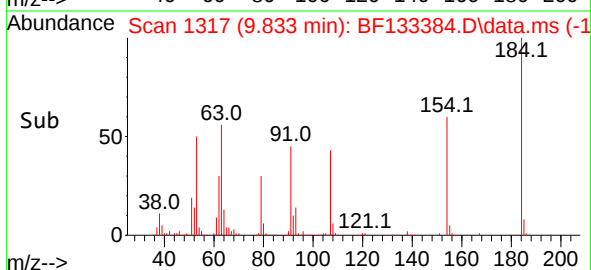
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023

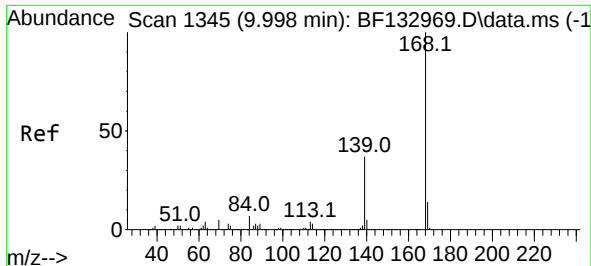


#54
2,4-Dinitrophenol
Concen: 100.876 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.012 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58



Tgt Ion:184 Resp: 401884
Ion Ratio Lower Upper
184 100
63 64.0 49.8 74.8
154 59.7 49.5 74.3





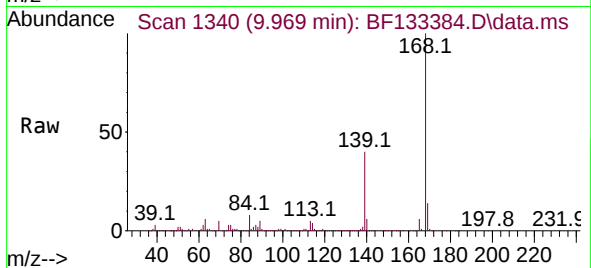
#55
Dibenzenofuran
Concen: 40.854 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB152781BSD

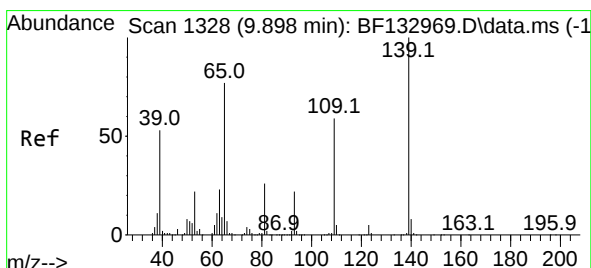
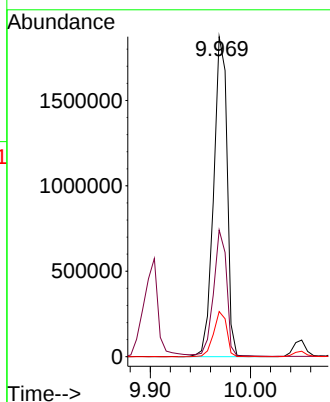
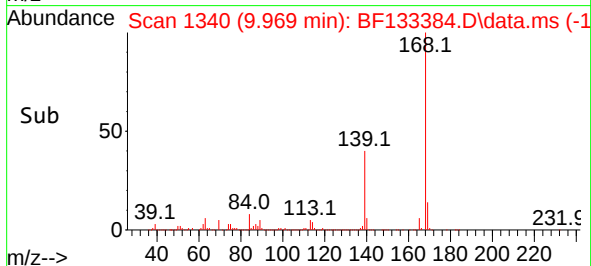


Tgt Ion:168 Resp: 1748070
Ion Ratio Lower Upper
168 100
139 39.6 29.8 44.8
169 14.1 10.8 16.2

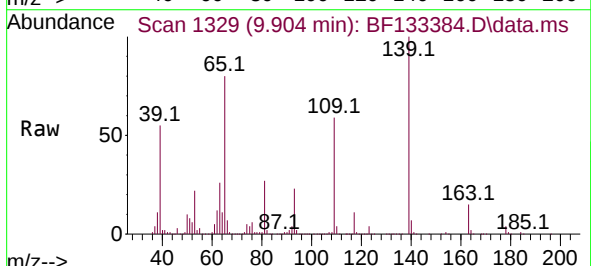
Manual Integrations

APPROVED

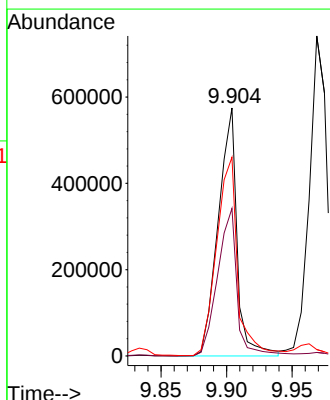
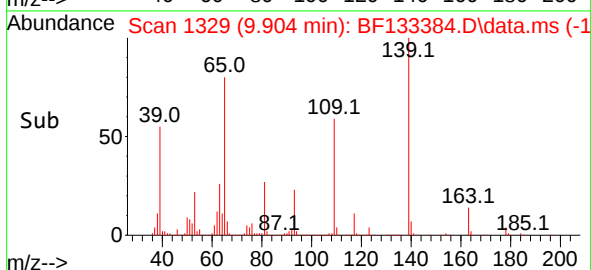
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023

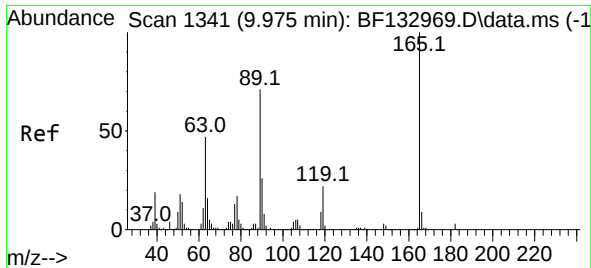


#56
4-Nitrophenol
Concen: 78.679 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.018 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58



Tgt Ion:139 Resp: 574291
Ion Ratio Lower Upper
139 100
109 59.5 39.4 79.4
65 80.1 57.5 97.5





#57
2,4-Dinitrotoluene
Concen: 45.024 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

Instrument :

BNA_F

ClientSampleId :

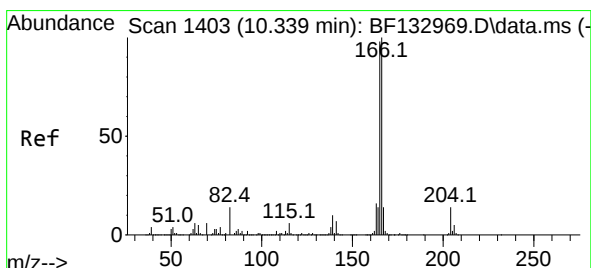
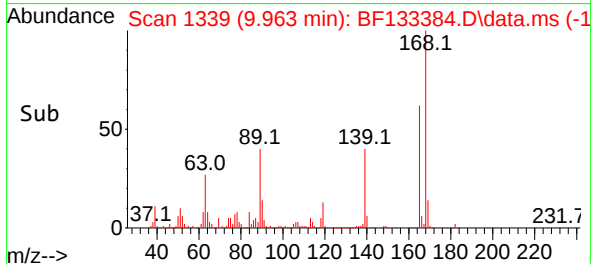
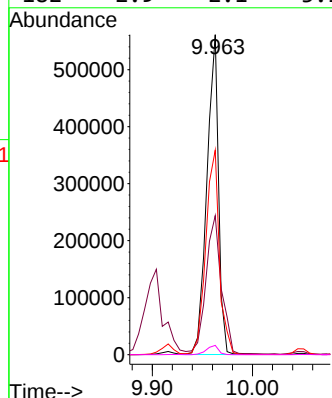
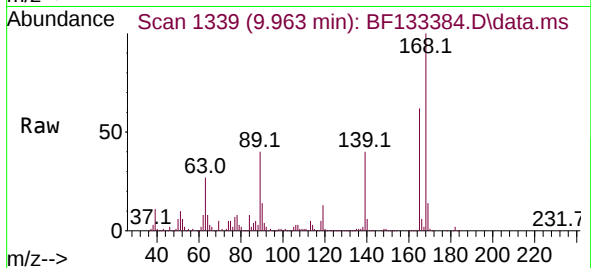
PB152781BSD

Tgt Ion:165 Resp: 45509
Ion Ratio Lower Upper
165 100
63 43.4 37.7 56.5
89 63.9 57.0 85.4
182 2.9 2.1 3.1

Manual Integrations

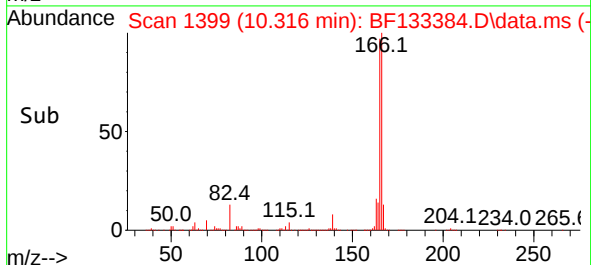
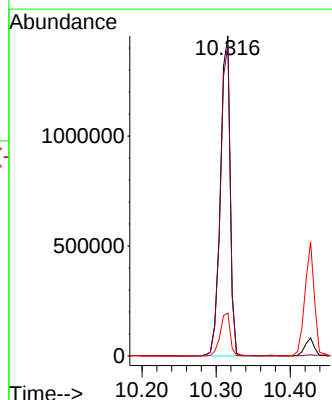
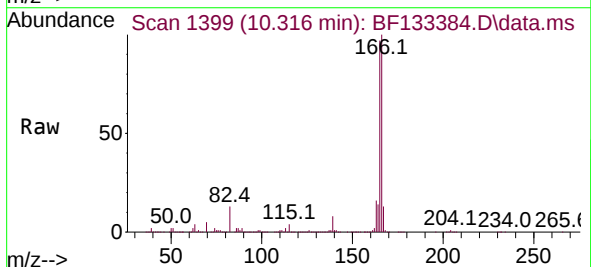
APPROVED

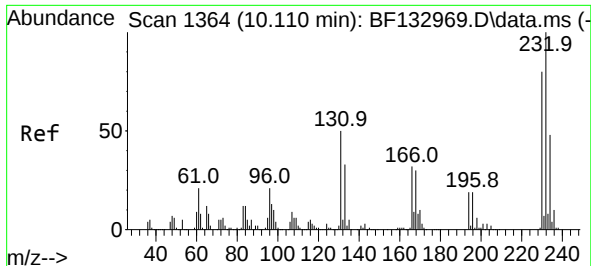
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023



#58
Fluorene
Concen: 42.536 ng
RT: 10.316 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

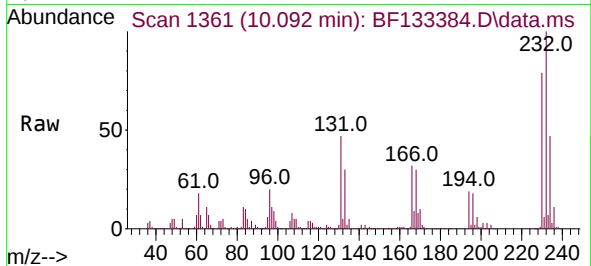
Tgt Ion:166 Resp: 1333445
Ion Ratio Lower Upper
166 100
165 97.1 78.6 117.8
167 13.4 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.517 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

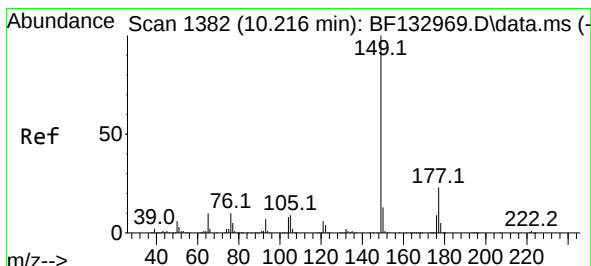
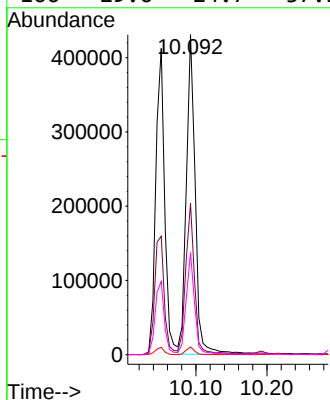
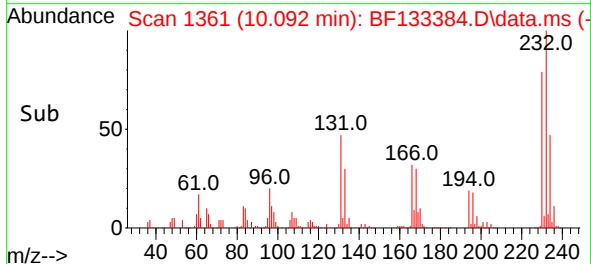
Instrument :
BNA_F
ClientSampleId :
PB152781BSD



Tgt Ion:232 Resp: 37482
Ion Ratio Lower Upper
232 100
131 46.3 38.0 57.0
130 2.3 1.8 2.8
166 29.6 24.7 37.1

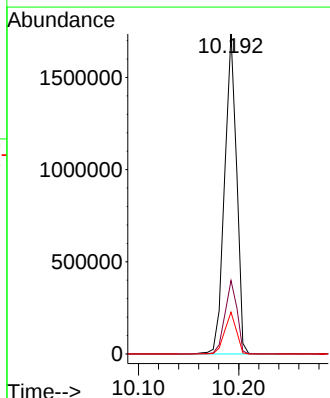
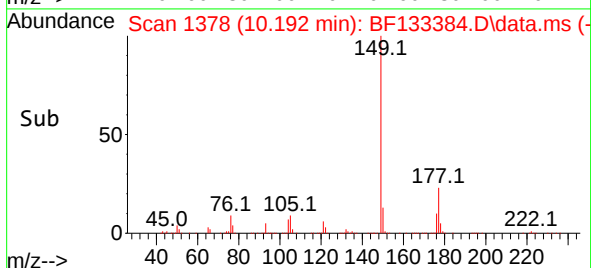
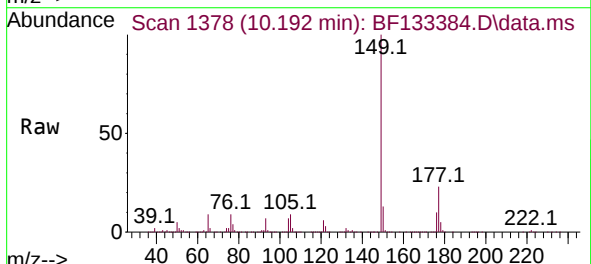
Manual Integrations
APPROVED

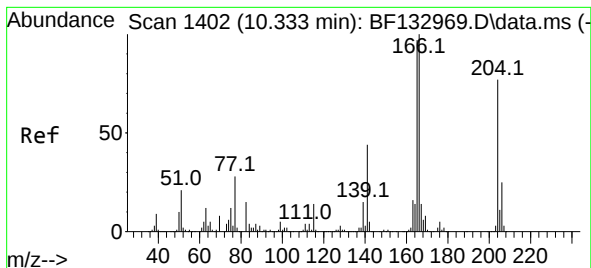
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023



#60
Diethylphthalate
Concen: 43.271 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

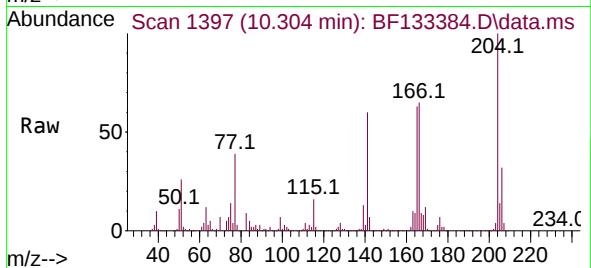
Tgt Ion:149 Resp: 1439309
Ion Ratio Lower Upper
149 100
177 23.0 18.2 27.4
150 13.1 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 41.950 ng
RT: 10.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

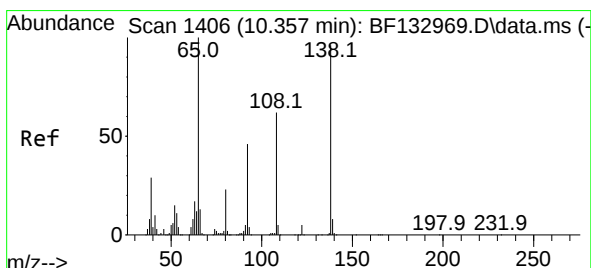
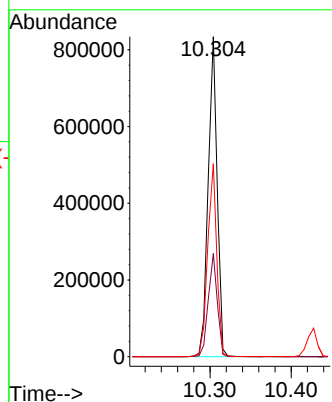
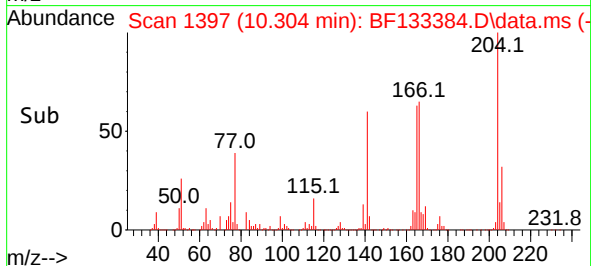
Instrument :
BNA_F
ClientSampleId :
PB152781BSD



Tgt Ion:204 Resp: 640870
Ion Ratio Lower Upper
204 100
206 32.3 26.1 39.1
141 60.3 46.1 69.1

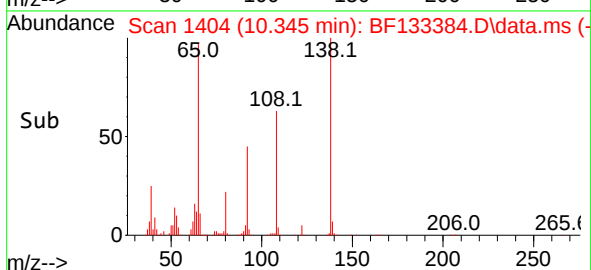
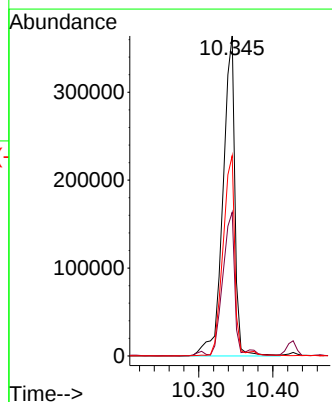
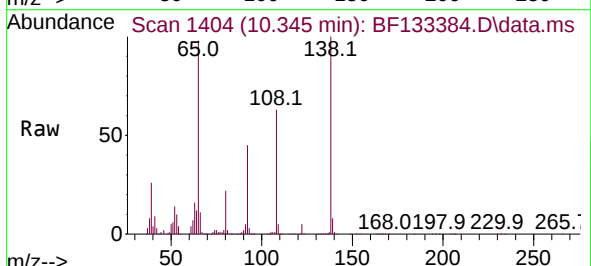
Manual Integrations
APPROVED

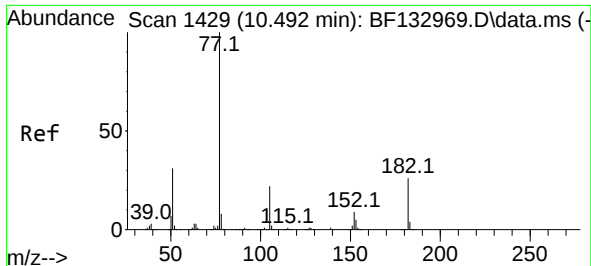
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023



#62
4-Nitroaniline
Concen: 47.199 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.012 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

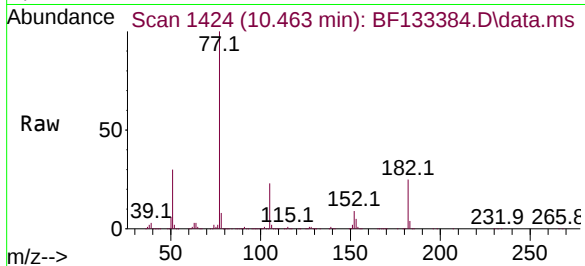
Tgt Ion:138 Resp: 408819
Ion Ratio Lower Upper
138 100
92 44.9 27.7 67.7
108 62.6 45.2 85.2





#63
Azobenzene
Concen: 40.707 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

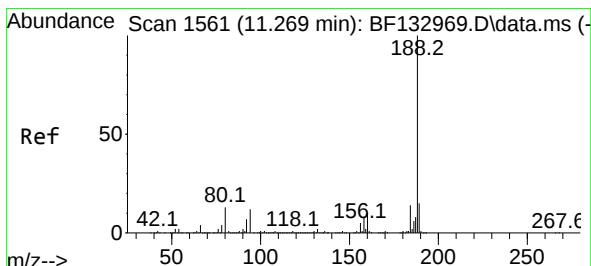
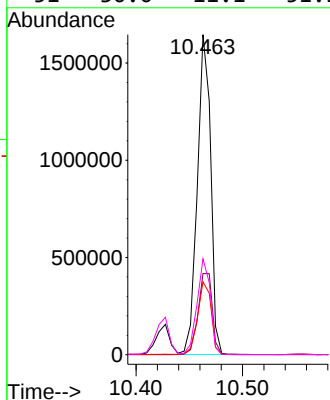
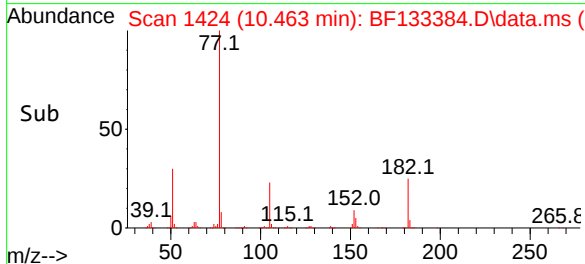
Instrument :
BNA_F
ClientSampleId :
PB152781BSD



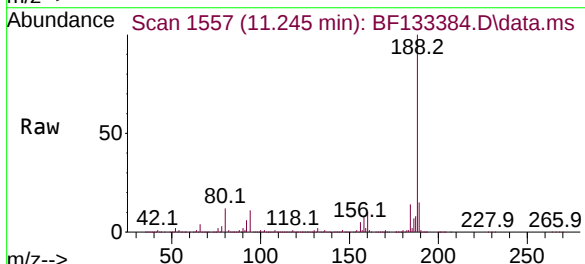
Tgt Ion: 77 Resp: 143435
Ion Ratio Lower Upper
77 100
182 25.4 5.9 45.9
105 22.8 2.3 42.3
51 30.0 11.1 51.1

Manual Integrations
APPROVED

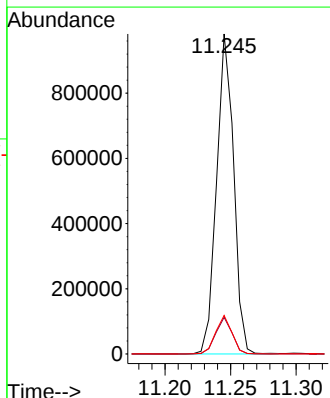
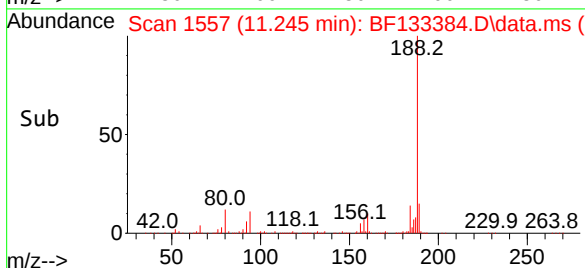
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023

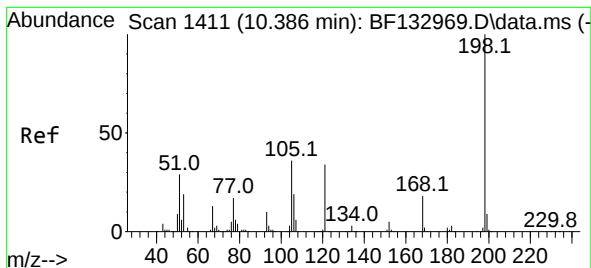


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58



Tgt Ion:188 Resp: 886266
Ion Ratio Lower Upper
188 100
94 11.4 9.7 14.5
80 12.0 10.4 15.6





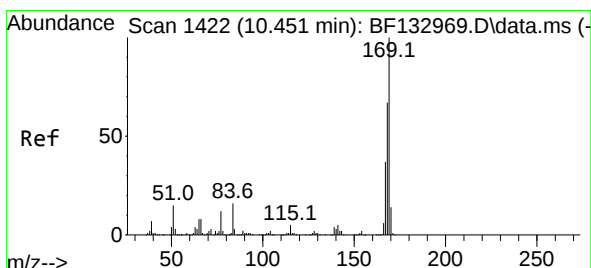
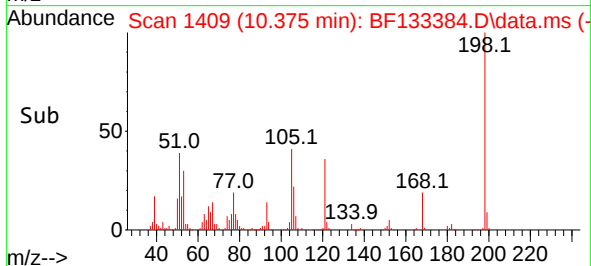
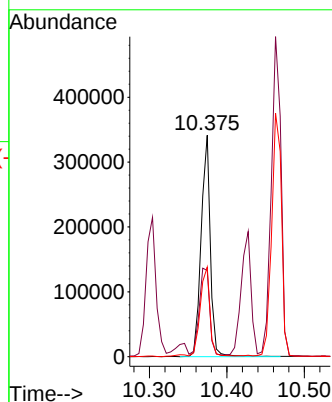
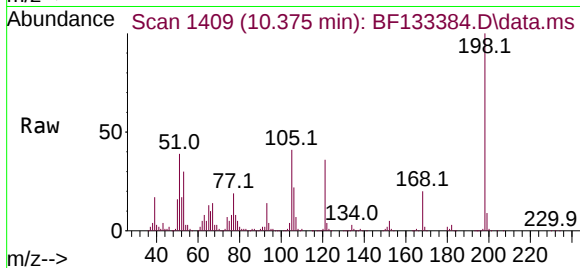
#65
4,6-Dinitro-2-methylphenol
Concen: 52.441 ng
RT: 10.375 min Scan# 1411
Delta R.T. 0.012 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

Instrument :
BNA_F
ClientSampleId :
PB152781BSD

Tgt Ion:198 Resp: 281708
Ion Ratio Lower Upper
198 100
51 38.9 15.5 55.5
105 40.5 16.7 56.7

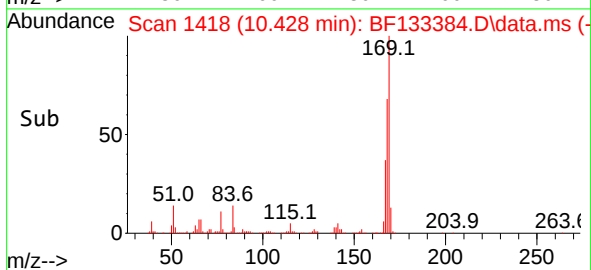
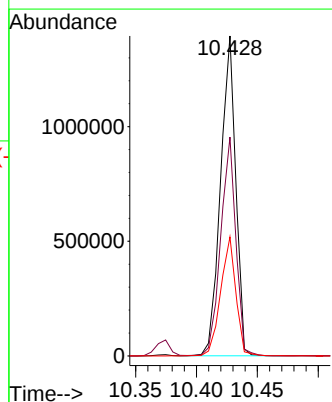
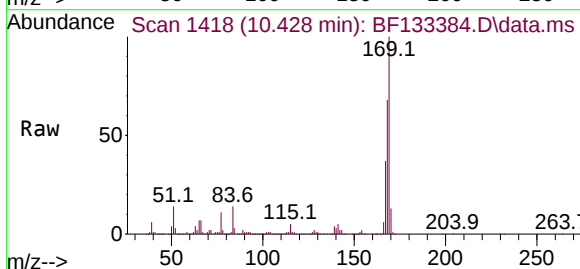
Manual Integrations
APPROVED

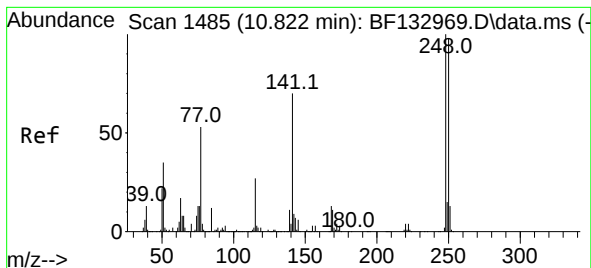
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023



#66
n-Nitrosodiphenylamine
Concen: 42.314 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

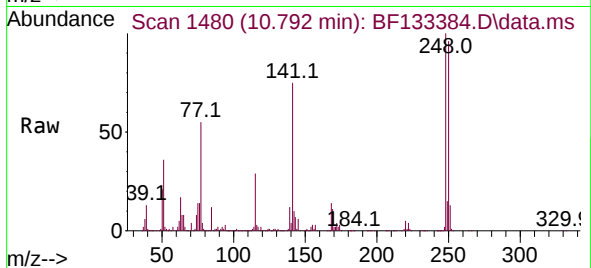
Tgt Ion:169 Resp: 1216444
Ion Ratio Lower Upper
169 100
168 68.4 53.8 80.8
167 37.2 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 43.074 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

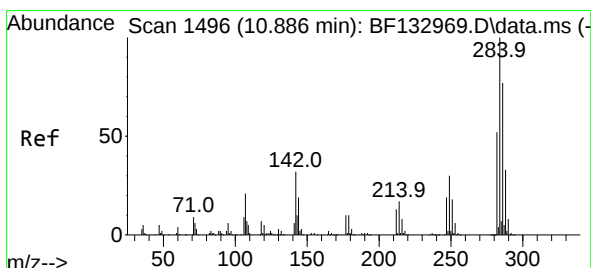
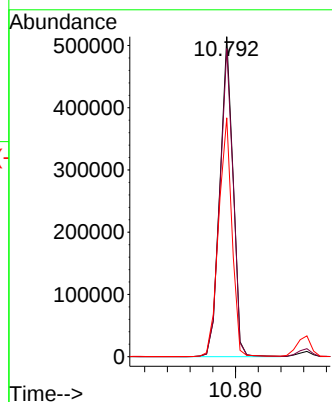
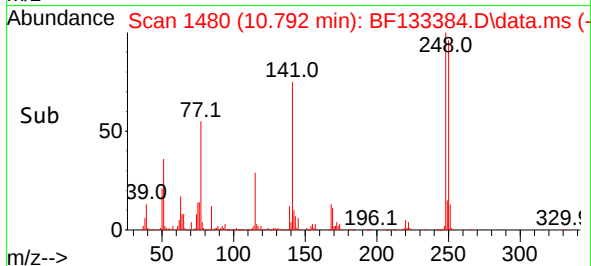
Instrument :
BNA_F
ClientSampleId :
PB152781BSD



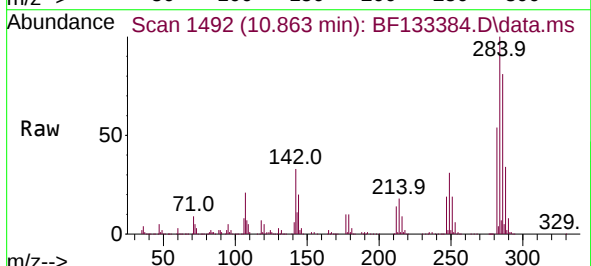
Tgt Ion:248 Resp: 414035
Ion Ratio Lower Upper
248 100
250 96.2 78.7 118.1
141 74.7 56.3 84.5

Manual Integrations
APPROVED

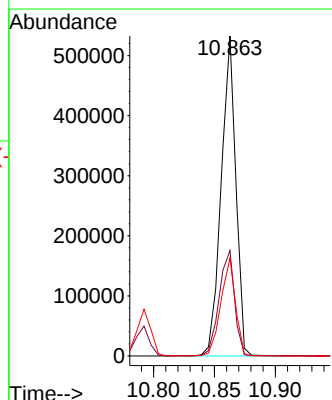
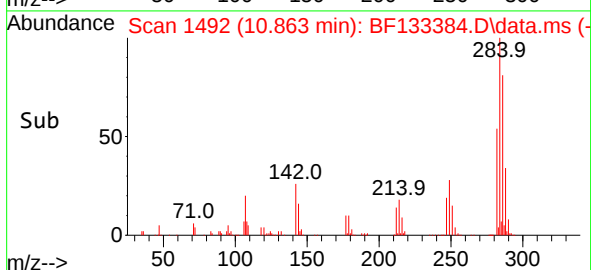
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023

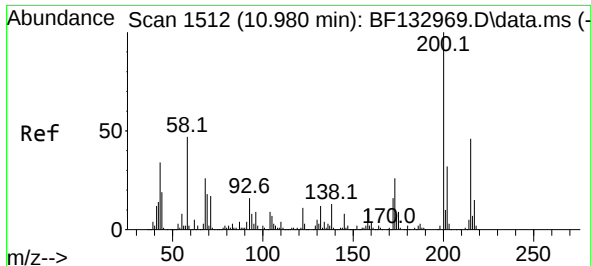


#68
Hexachlorobenzene
Concen: 45.367 ng
RT: 10.863 min Scan# 1492
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58



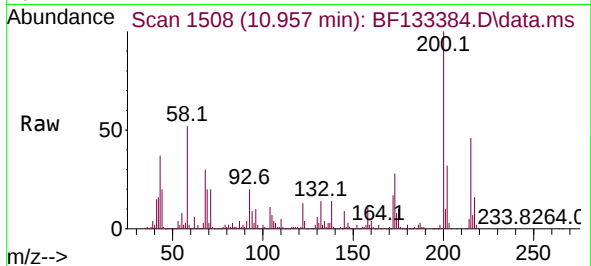
Tgt Ion:284 Resp: 446832
Ion Ratio Lower Upper
284 100
142 33.0 26.0 39.0
249 30.6 23.7 35.5





#69
 Atrazine
 Concen: 51.946 ng
 RT: 10.957 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF133384.D
 Acq: 15 May 2023 13:58

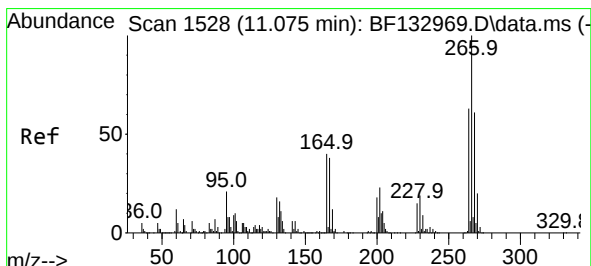
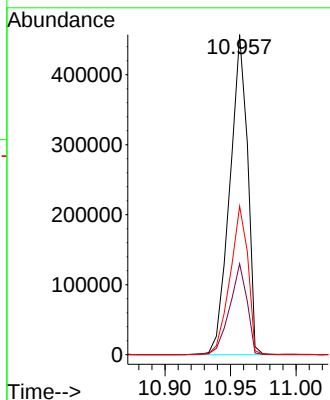
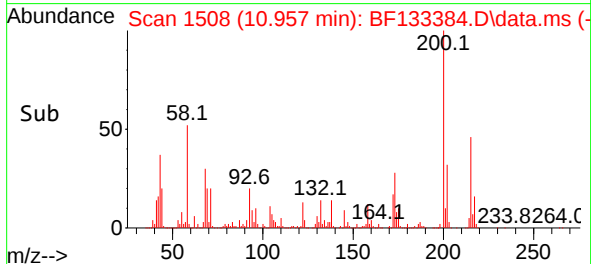
Instrument :
 BNA_F
 ClientSampleId :
 PB152781BSD



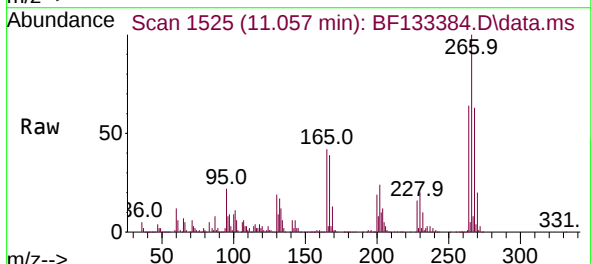
Tgt Ion:200 Resp: 430304
 Ion Ratio Lower Upper
 200 100
 173 28.4 6.2 46.2
 215 46.4 26.3 66.3

Manual Integrations
 APPROVED

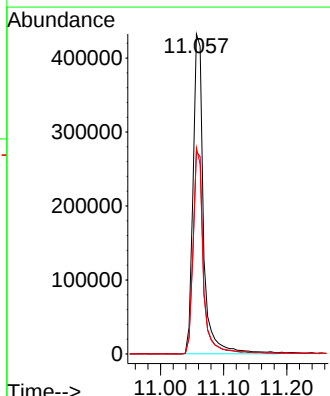
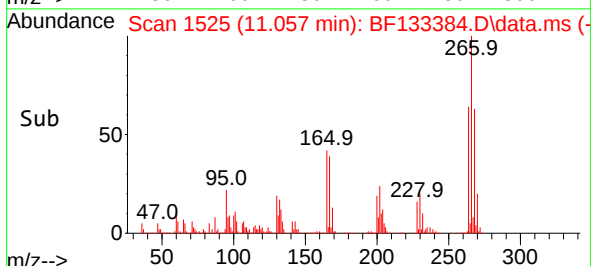
Reviewed By :Christian Giraldo 05/16/2023
 Supervised By :Yogesh Patel 05/16/2023

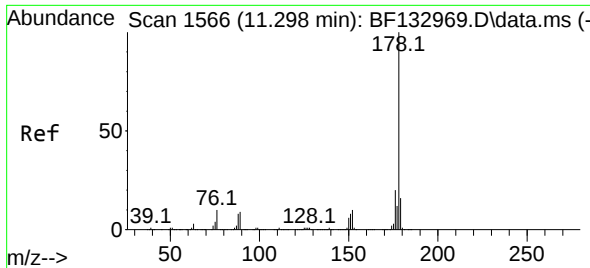


#70
 Pentachlorophenol
 Concen: 70.827 ng
 RT: 11.057 min Scan# 1525
 Delta R.T. 0.006 min
 Lab File: BF133384.D
 Acq: 15 May 2023 13:58



Tgt Ion:266 Resp: 496825
 Ion Ratio Lower Upper
 266 100
 268 63.3 48.8 73.2
 264 64.5 50.6 76.0





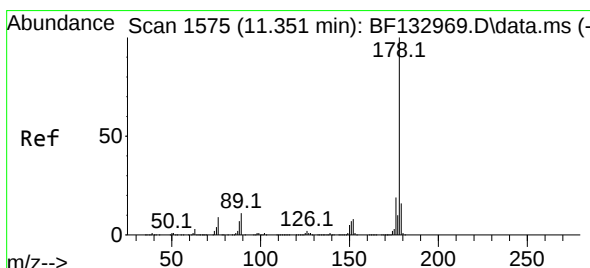
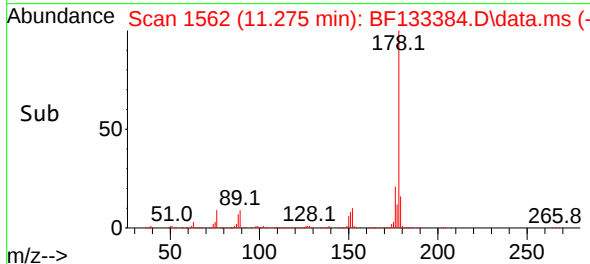
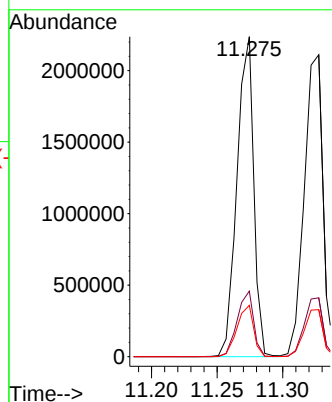
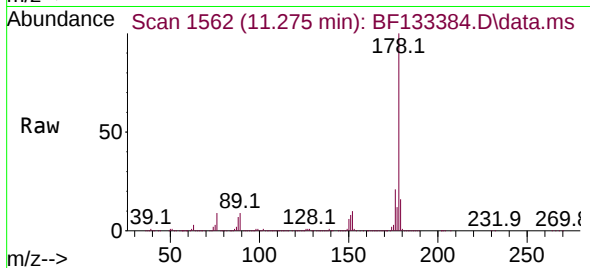
#71
Phenanthrene
Concen: 41.961 ng
RT: 11.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

Instrument :
BNA_F
ClientSampleId :
PB152781BSD

Tgt Ion:178 Resp: 199876
Ion Ratio Lower Upper
178 100
176 20.5 15.9 23.9
179 16.0 12.5 18.7

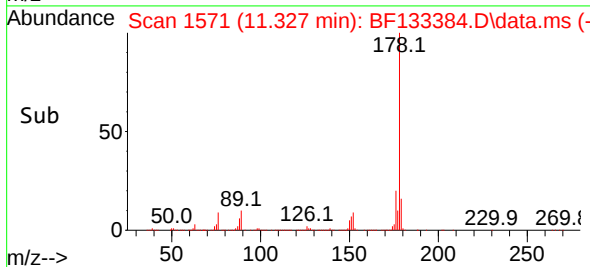
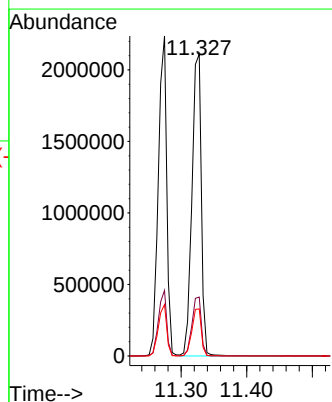
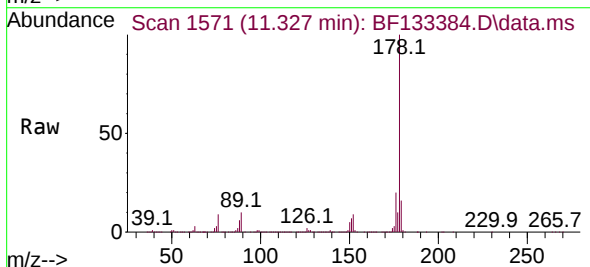
Manual Integrations
APPROVED

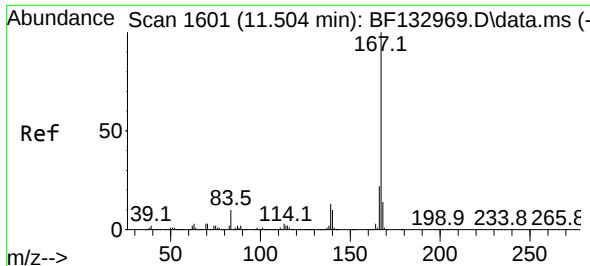
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023



#72
Anthracene
Concen: 42.869 ng
RT: 11.327 min Scan# 1571
Delta R.T. 0.012 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

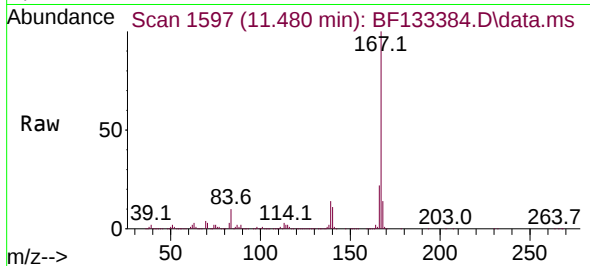
Tgt Ion:178 Resp: 2089787
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.6 12.4 18.6





#73
Carbazole
Concen: 44.109 ng
RT: 11.480 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

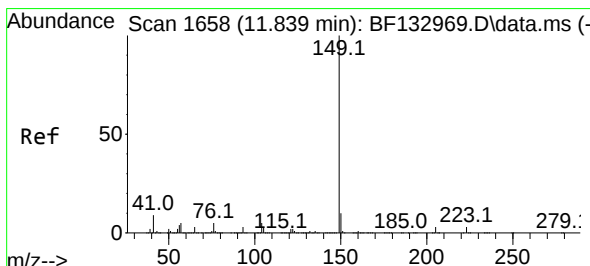
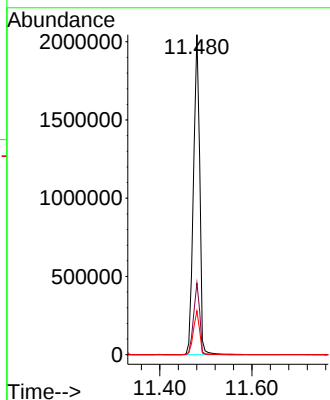
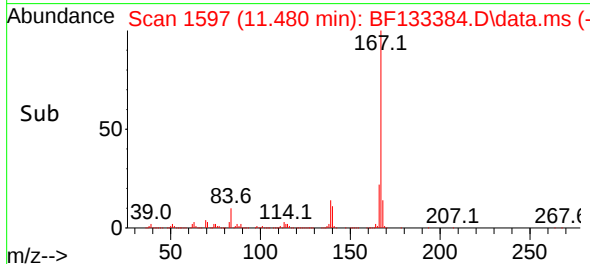
Instrument :
BNA_F
ClientSampleId :
PB152781BSD



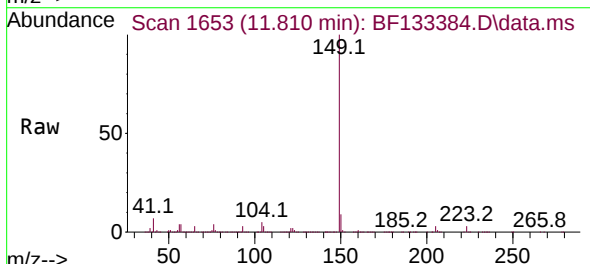
Tgt Ion:167 Resp: 191464
Ion Ratio Lower Upper
167 100
166 22.4 17.4 26.0
139 13.7 10.6 16.0

Manual Integrations
APPROVED

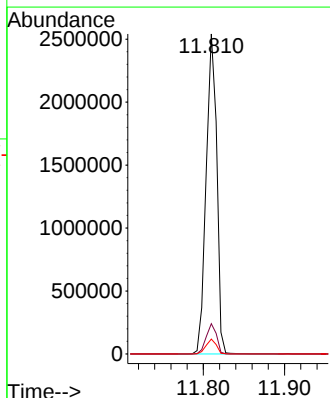
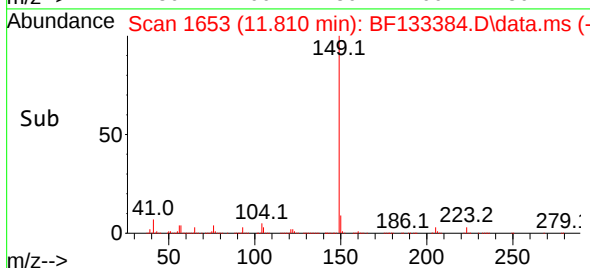
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023

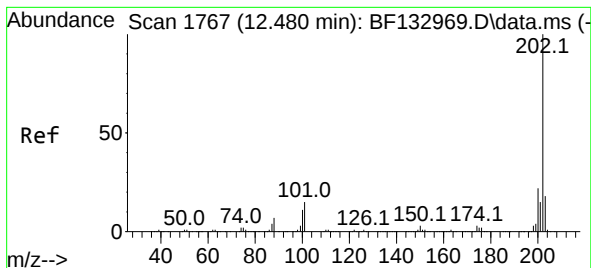


#74
Di-n-butylphthalate
Concen: 46.732 ng
RT: 11.810 min Scan# 1653
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58



Tgt Ion:149 Resp: 2295539
Ion Ratio Lower Upper
149 100
150 9.5 7.6 11.4
104 4.7 4.0 6.0





#75

Fluoranthene

Concen: 42.816 ng

RT: 12.457 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB152781BSD

Tgt Ion:202 Resp: 204687

Ion Ratio Lower Upper

202 100

101 14.8 0.0 35.3

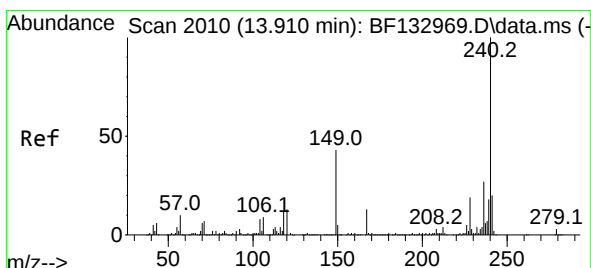
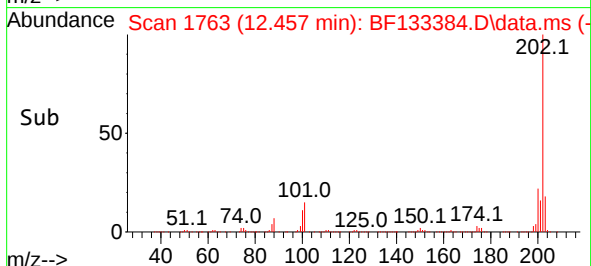
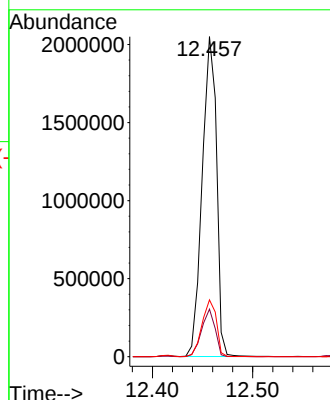
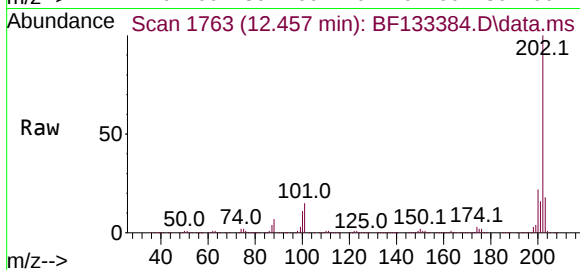
203 17.7 0.0 38.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/16/2023

Supervised By :Yogesh Patel 05/16/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.886 min Scan# 2006

Delta R.T. 0.006 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

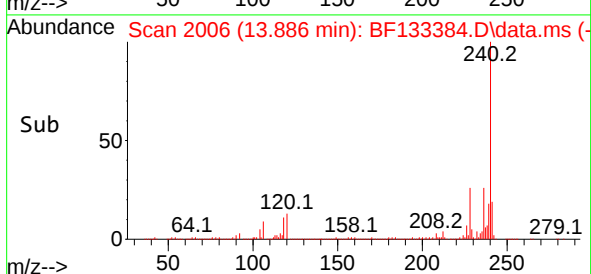
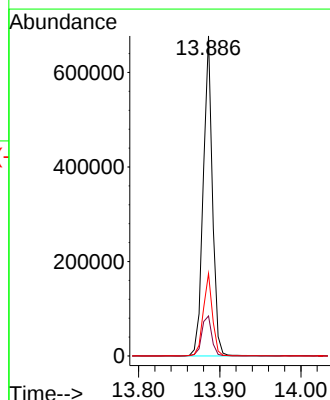
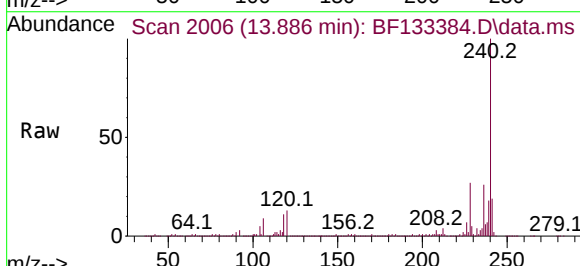
Tgt Ion:240 Resp: 532605

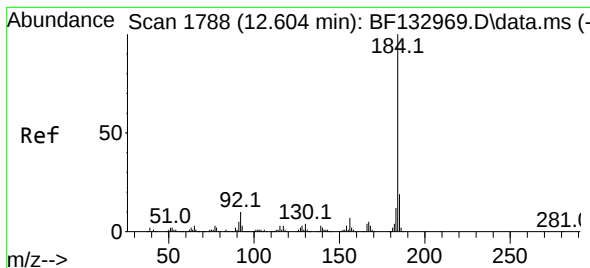
Ion Ratio Lower Upper

240 100

120 12.5 10.5 15.7

236 25.7 21.5 32.3





#77

Benzidine

Concen: 112.817 ng

RT: 12.580 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF133384.D

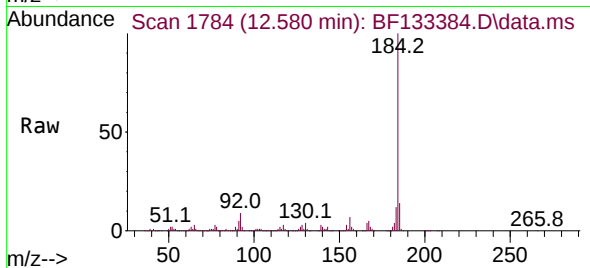
Acq: 15 May 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB152781BSD



Tgt Ion:184 Resp: 1016098

Ion Ratio Lower Upper

184 100

185 14.2 15.4 23.2

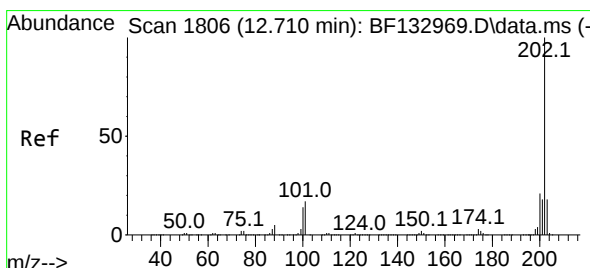
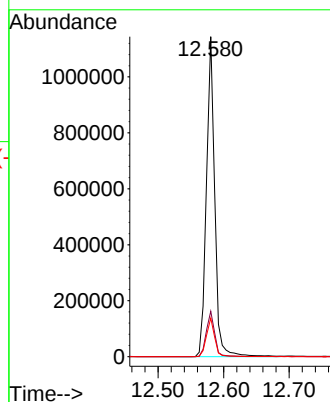
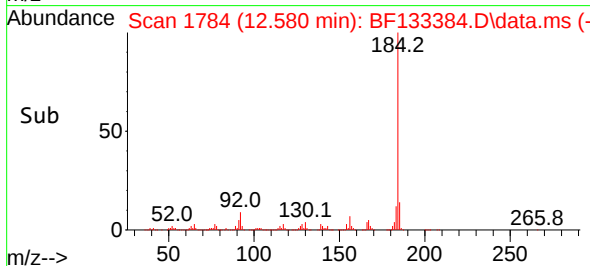
183 12.0 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/16/2023

Supervised By :Yogesh Patel 05/16/2023



#78

Pyrene

Concen: 46.341 ng

RT: 12.686 min Scan# 1802

Delta R.T. 0.006 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

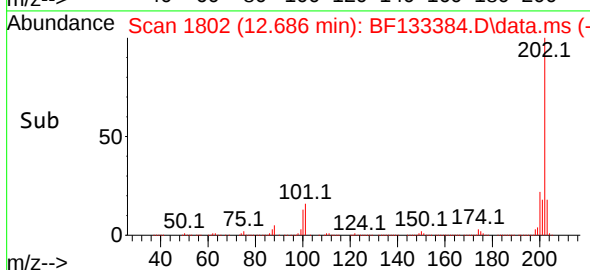
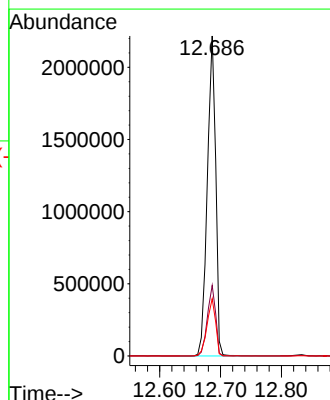
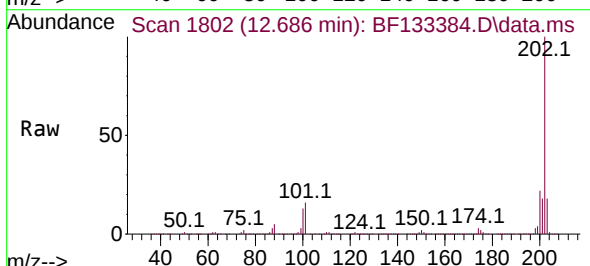
Tgt Ion:202 Resp: 2115766

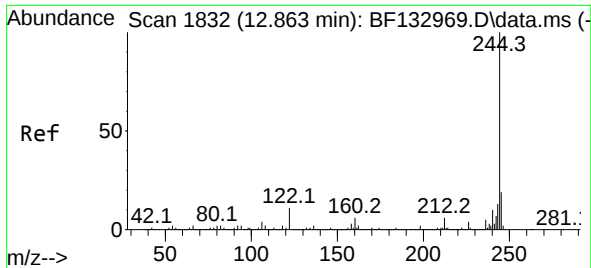
Ion Ratio Lower Upper

202 100

200 22.0 17.1 25.7

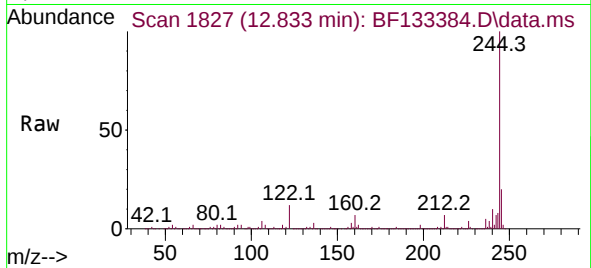
203 17.9 14.1 21.1





#79
 Terphenyl-d14
 Concen: 87.369 ng
 RT: 12.833 min Scan# 1832
 Delta R.T. 0.006 min
 Lab File: BF133384.D
 Acq: 15 May 2023 13:58

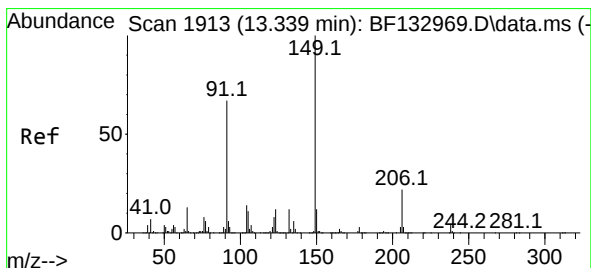
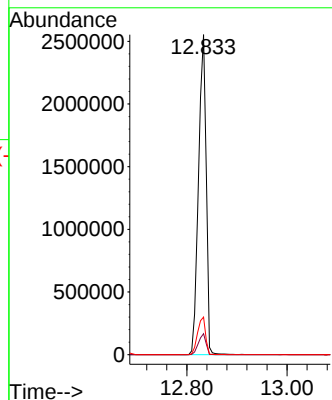
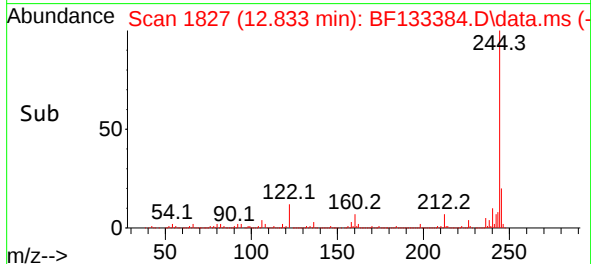
Instrument :
 BNA_F
 ClientSampleId :
 PB152781BSD



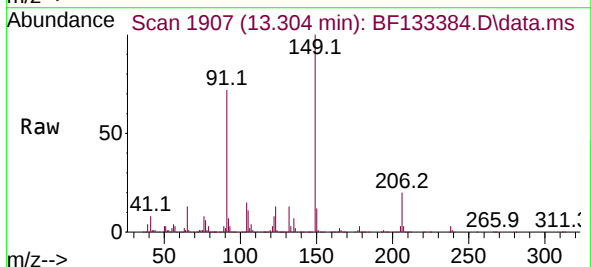
Tgt Ion:244 Resp: 2698110
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 11.7 8.6 13.0

Manual Integrations
 APPROVED

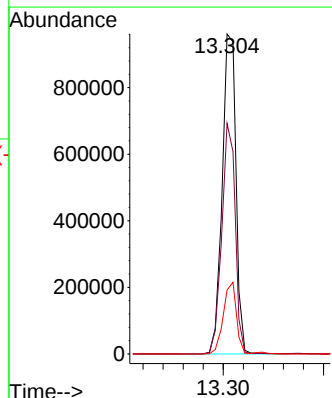
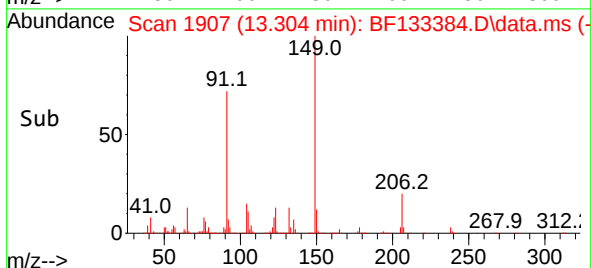
Reviewed By :Christian Giraldo 05/16/2023
 Supervised By :Yogesh Patel 05/16/2023

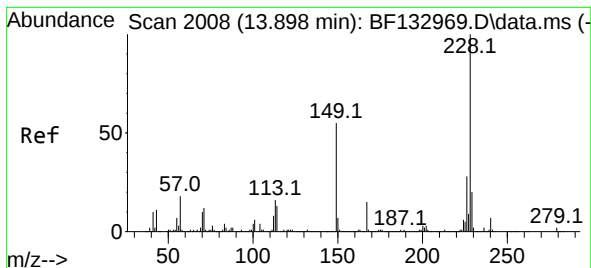


#80
 Butylbenzylphthalate
 Concen: 56.637 ng
 RT: 13.304 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: BF133384.D
 Acq: 15 May 2023 13:58



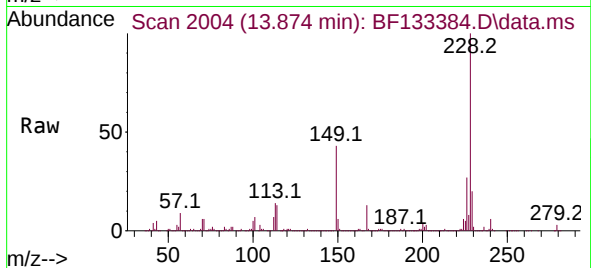
Tgt Ion:149 Resp: 915577
 Ion Ratio Lower Upper
 149 100
 91 72.0 53.8 80.6
 206 20.0 17.5 26.3





#81
Benzo(a)anthracene
Concen: 42.232 ng
RT: 13.874 min Scan# 2008
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

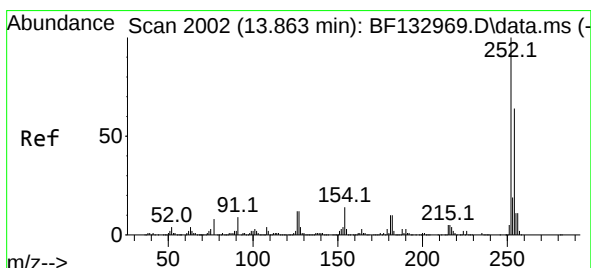
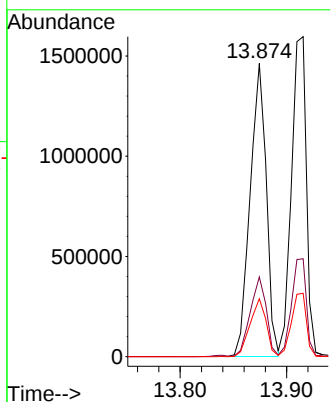
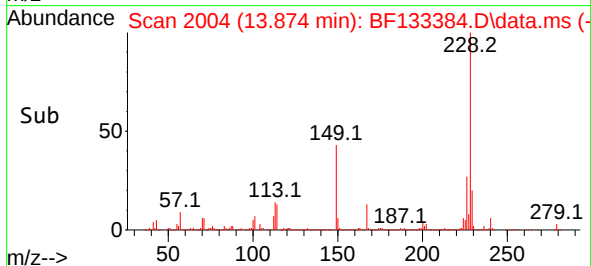
Instrument :
BNA_F
ClientSampleId :
PB152781BSD



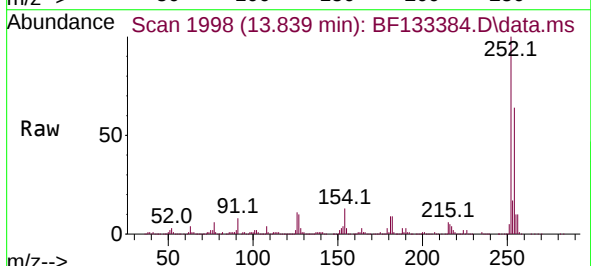
Tgt Ion:228 Resp: 1546772
Ion Ratio Lower Upper
228 100
226 27.2 22.2 33.4
229 19.7 16.0 24.0

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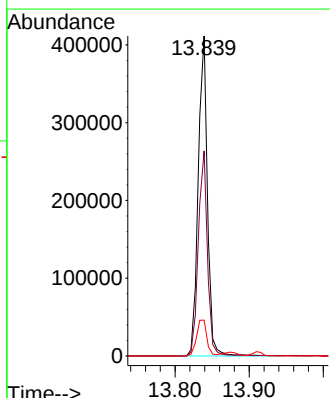
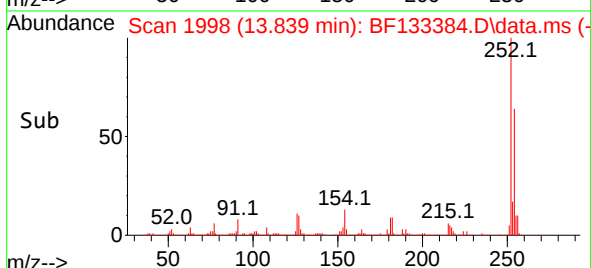
Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023

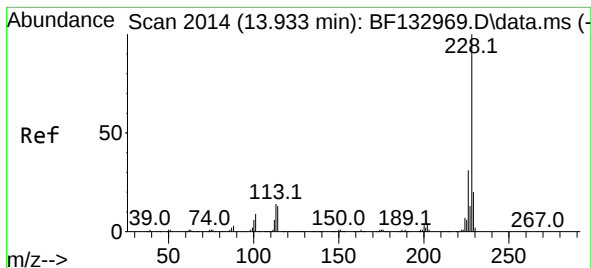


#82
3,3'-Dichlorobenzidine
Concen: 35.327 ng
RT: 13.839 min Scan# 1998
Delta R.T. 0.006 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58



Tgt Ion:252 Resp: 357432
Ion Ratio Lower Upper
252 100
254 64.1 51.5 77.3
126 11.2 9.5 14.3





#83

Chrysene

Concen: 42.553 ng

RT: 13.916 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB152781BSD

Tgt Ion:228 Resp: 155816

Ion Ratio Lower Upper

228 100

226 30.6 24.7 37.1

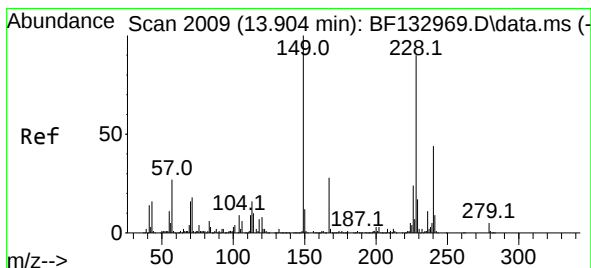
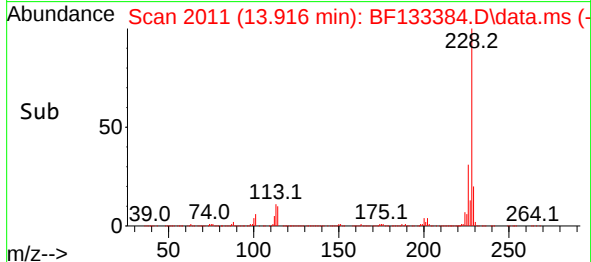
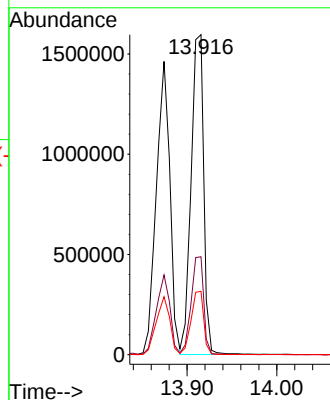
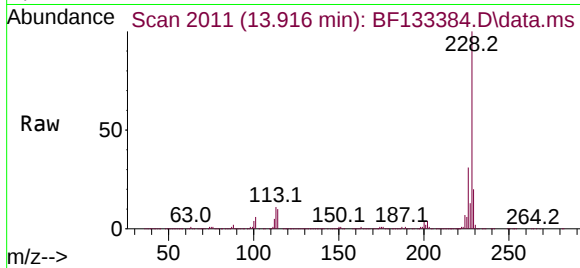
229 19.8 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/16/2023

Supervised By :Yogesh Patel 05/16/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.795 ng

RT: 13.868 min Scan# 2003

Delta R.T. 0.006 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

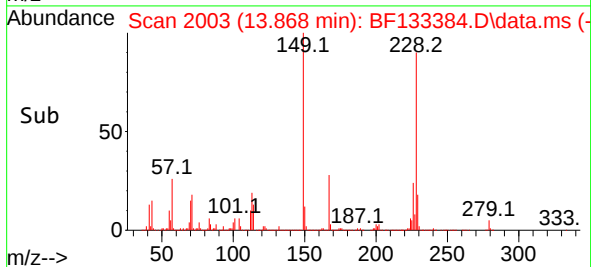
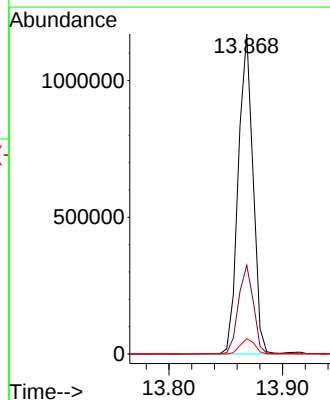
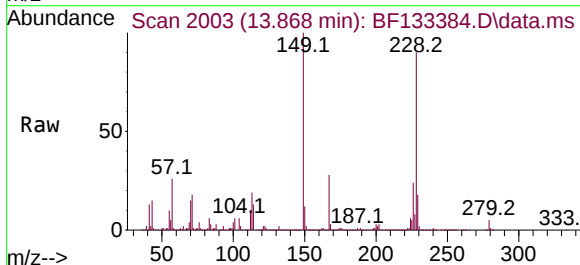
Tgt Ion:149 Resp: 1050971

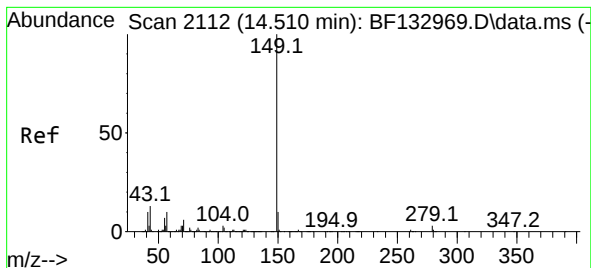
Ion Ratio Lower Upper

149 100

167 27.8 22.5 33.7

279 4.8 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 51.598 ng

RT: 14.480 min Scan# 2112

Delta R.T. 0.006 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB152781BSD

Tgt Ion:149 Resp: 1707138

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

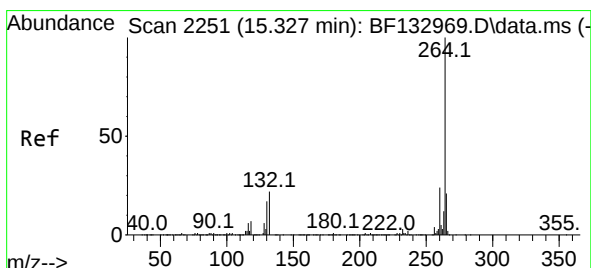
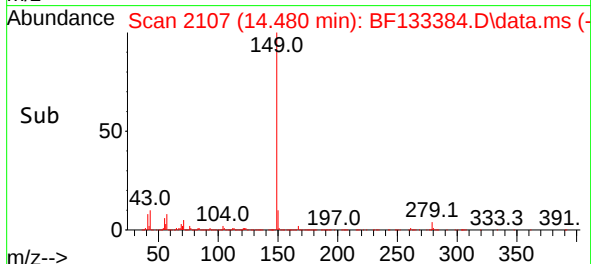
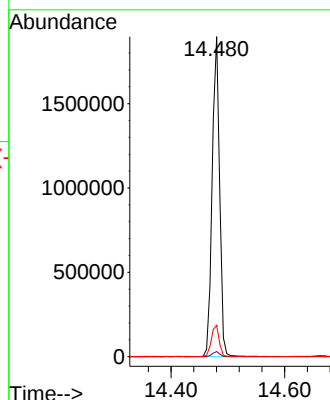
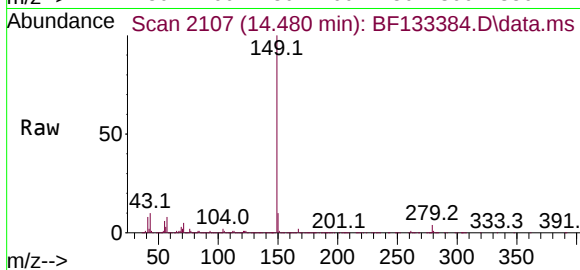
43 10.3 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/16/2023

Supervised By :Yogesh Patel 05/16/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.304 min Scan# 2247

Delta R.T. 0.012 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

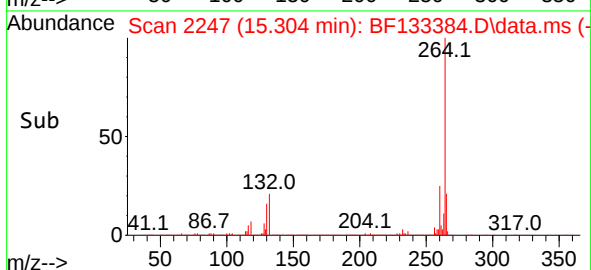
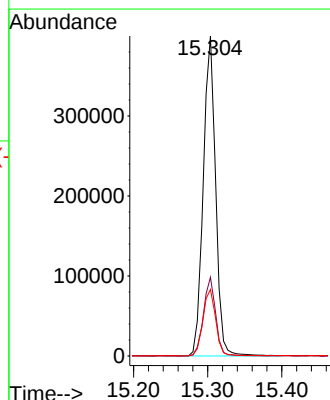
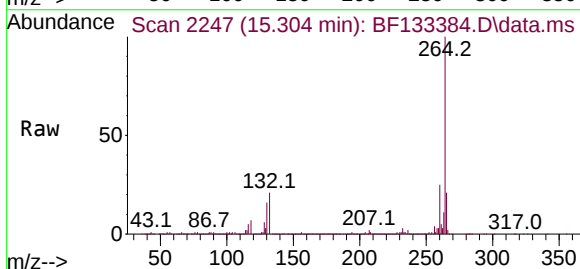
Tgt Ion:264 Resp: 466293

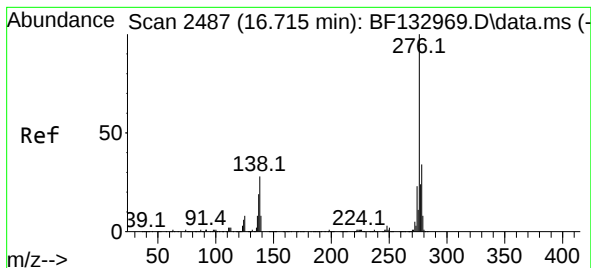
Ion Ratio Lower Upper

264 100

260 24.6 18.8 28.2

265 20.8 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.895 ng

RT: 16.692 min Scan# 2487

Delta R.T. 0.012 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB152781BSD

Tgt Ion:276 Resp: 142948

Ion Ratio Lower Upper

276 100

138 31.2 25.5 38.3

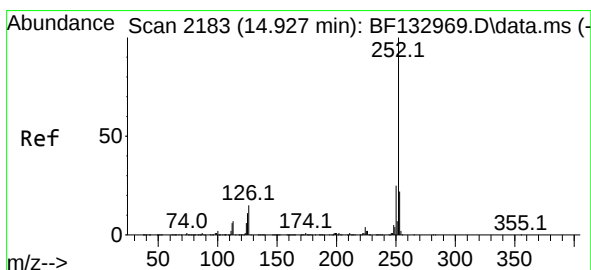
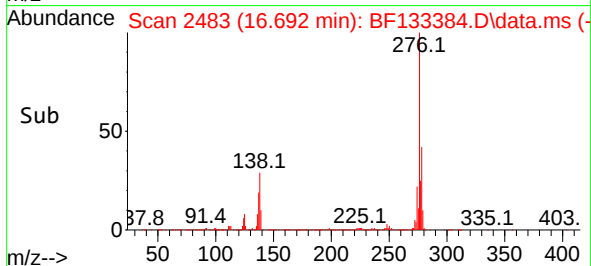
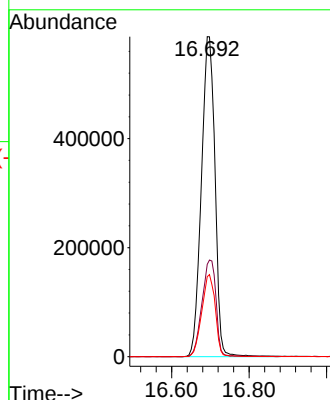
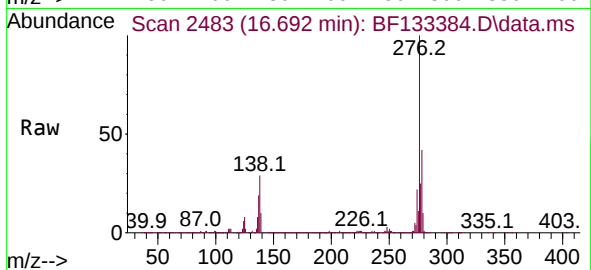
277 25.5 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/16/2023

Supervised By :Yogesh Patel 05/16/2023



#88

Benzo(b)fluoranthene

Concen: 46.438 ng

RT: 14.904 min Scan# 2179

Delta R.T. 0.012 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

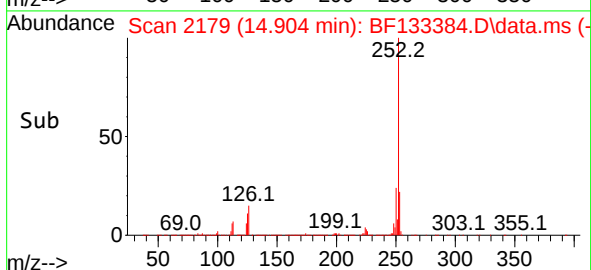
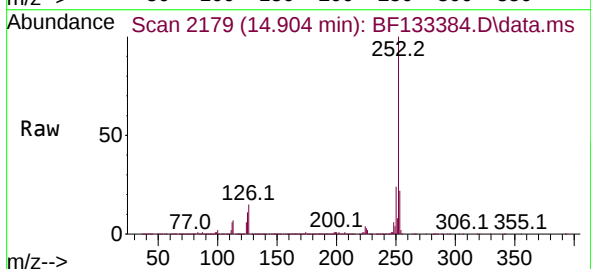
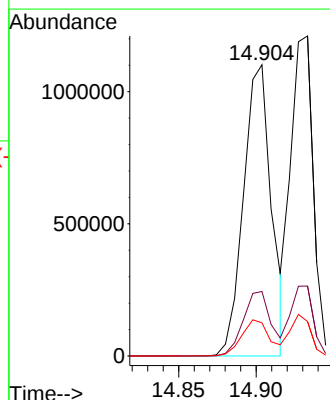
Tgt Ion:252 Resp: 1377592

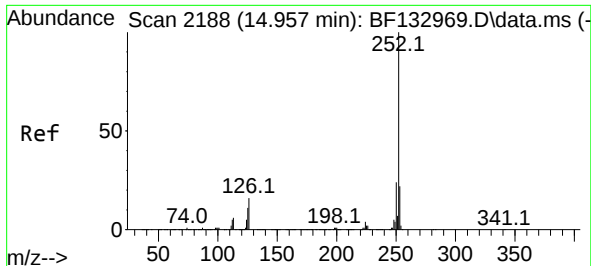
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 11.4 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 42.068 ng

RT: 14.933 min Scan# 2188

Delta R.T. 0.012 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

Instrument :

BNA_F

ClientSampleId :

PB152781BSD

Tgt Ion:252 Resp: 1237069

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

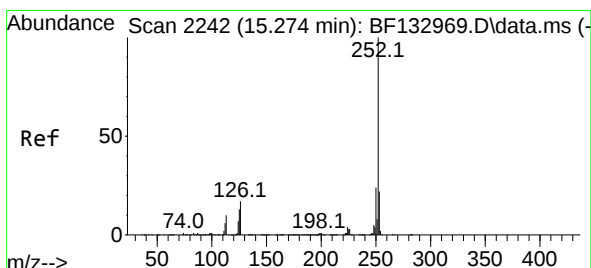
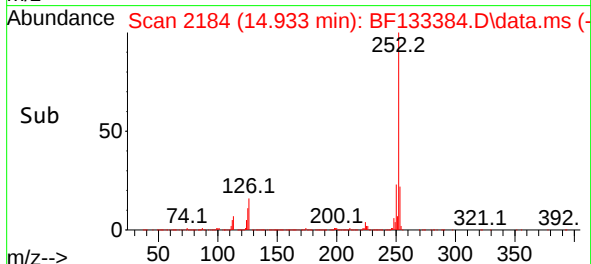
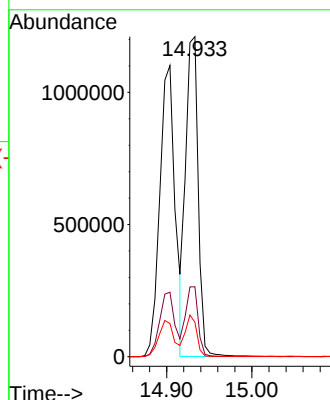
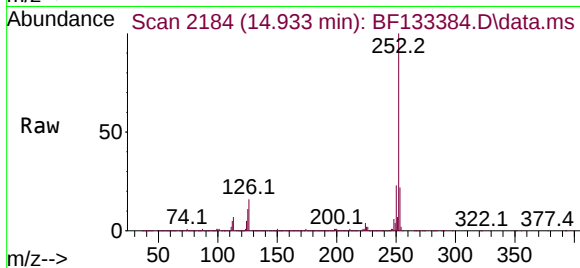
125 10.8 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/16/2023

Supervised By :Yogesh Patel 05/16/2023



#90

Benzo(a)pyrene

Concen: 42.445 ng

RT: 15.251 min Scan# 2238

Delta R.T. 0.012 min

Lab File: BF133384.D

Acq: 15 May 2023 13:58

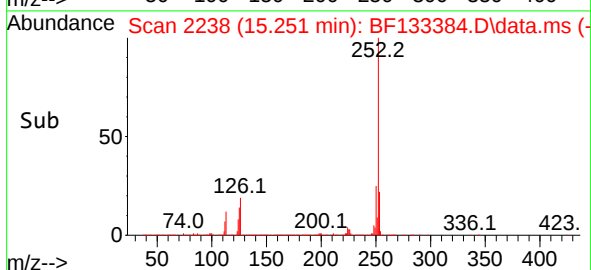
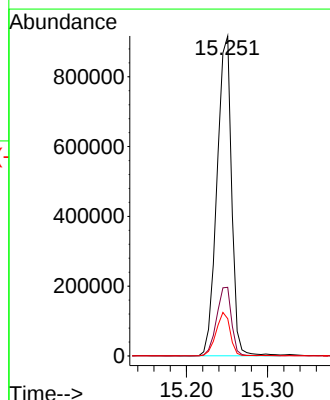
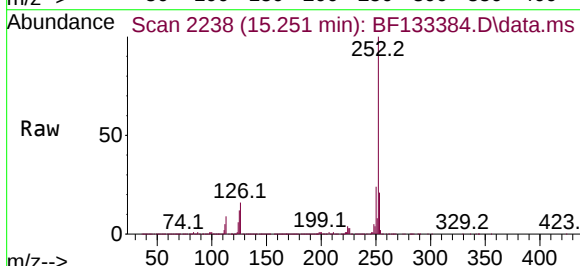
Tgt Ion:252 Resp: 1146061

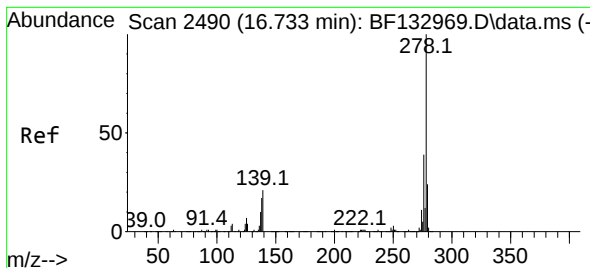
Ion Ratio Lower Upper

252 100

253 21.5 17.7 26.5

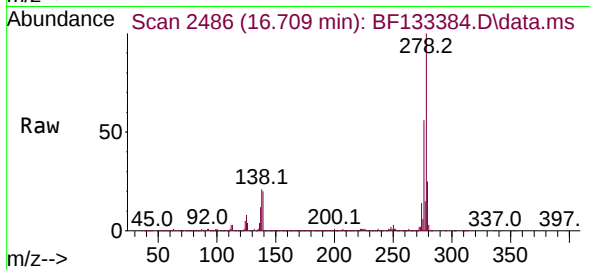
125 11.7 10.5 15.7





#91
Dibenzo(a,h)anthracene
Concen: 53.275 ng
RT: 16.709 min Scan# 2490
Delta R.T. 0.018 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

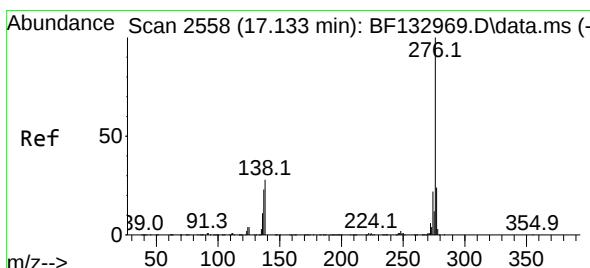
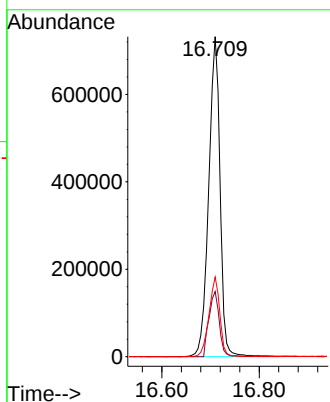
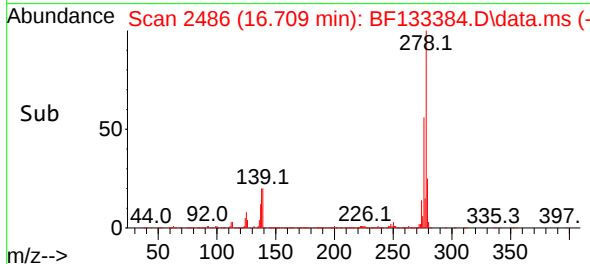
Instrument :
BNA_F
ClientSampleId :
PB152781BSD



Tgt Ion:278 Resp: 117854
Ion Ratio Lower Upper
278 100
139 20.3 16.6 24.8
279 24.9 18.8 28.2

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 55.674 ng
RT: 17.115 min Scan# 2555
Delta R.T. 0.024 min
Lab File: BF133384.D
Acq: 15 May 2023 13:58

Tgt Ion:276 Resp: 1215917
Ion Ratio Lower Upper
276 100
277 23.2 19.4 29.0
138 26.5 22.7 34.1

