

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022223\
 Data File : BF132508.D
 Acq On : 22 Feb 2023 16:30
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF022223

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/23/2023
 Supervised By : Jagrut Upadhyay 02/23/2023

Quant Time: Feb 23 01:01:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 23 00:59:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.013	152	201910	20.000	ng	0.00
21) Naphthalene-d8	8.295	136	716396	20.000	ng	0.00
39) Acenaphthene-d10	10.060	164	380617	20.000	ng	0.00
64) Phenanthrene-d10	11.554	188	725553	20.000	ng	0.00
76) Chrysene-d12	14.213	240	426607	20.000	ng	# 0.00
86) Perylene-d12	15.765	264	387172	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.637	112	1019731	81.967	ng	0.00
7) Phenol-d6	6.642	99	1317753	81.161	ng	0.00
23) Nitrobenzene-d5	7.578	82	1239809	82.108	ng	0.00
42) 2,4,6-Tribromophenol	10.854	330	342580	83.343	ng	0.00
45) 2-Fluorobiphenyl	9.378	172	1885350	75.424	ng	0.00
79) Terphenyl-d14	13.148	244	2140949	84.851	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.896	88	291218	42.318	ng	99
3) Pyridine	3.666	79	759517	41.579	ng	99
4) n-Nitrosodimethylamine	3.631	42	289277	41.925	ng	97
6) Aniline	6.678	93	929956	42.561	ng	99
8) 2-Chlorophenol	6.801	128	534365	41.385	ng	97
9) Benzaldehyde	6.566	77	341842	39.018	ng	99
10) Phenol	6.654	94	772192	41.483	ng	99
11) bis(2-Chloroethyl)ether	6.742	93	595781	41.460	ng	99
12) 1,3-Dichlorobenzene	6.954	146	565604	40.820	ng	98
13) 1,4-Dichlorobenzene	7.031	146	563138	40.702	ng	100
14) 1,2-Dichlorobenzene	7.184	146	513199	38.650	ng	99
15) Benzyl Alcohol	7.154	79	526729	42.124	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.284	45	748847	40.865	ng	99
17) 2-Methylphenol	7.266	107	490203	40.679	ng	99
18) Hexachloroethane	7.525	117	219577	40.623	ng	97
19) n-Nitroso-di-n-propyla...	7.425	70	389932	39.023	ng	98
20) 3+4-Methylphenols	7.413	107	569134	36.557	ng	# 87
22) Acetophenone	7.419	105	714149	39.534	ng	97
24) Nitrobenzene	7.595	77	672133	41.621	ng	95
25) Isophorone	7.831	82	1181080	40.798	ng	98
26) 2-Nitrophenol	7.913	139	300515	42.176	ng	96
27) 2,4-Dimethylphenol	7.942	122	456342	40.580	ng	97
28) bis(2-Chloroethoxy)met...	8.037	93	699795	41.322	ng	100
29) 2,4-Dichlorophenol	8.154	162	464016	41.480	ng	97
30) 1,2,4-Trichlorobenzene	8.236	180	496411	40.867	ng	99
31) Naphthalene	8.319	128	1482951	40.435	ng	99
32) Benzoic acid	8.072	122	357645m	40.969	ng	
33) 4-Chloroaniline	8.366	127	655902	41.735	ng	98
34) Hexachlorobutadiene	8.431	225	319474	41.389	ng	99
35) Caprolactam	8.748	113	157027	42.579	ng	92
36) 4-Chloro-3-methylphenol	8.848	107	505275	41.129	ng	96
37) 2-Methylnaphthalene	9.013	142	1000086	40.014	ng	100
38) 1-Methylnaphthalene	9.113	142	938957	40.199	ng	100
40) 1,2,4,5-Tetrachloroben...	9.178	216	511885	41.106	ng	100
41) Hexachlorocyclopentadiene	9.160	237	303324	44.908	ng	98
43) 2,4,6-Trichlorophenol	9.289	196	354726	42.033	ng	99

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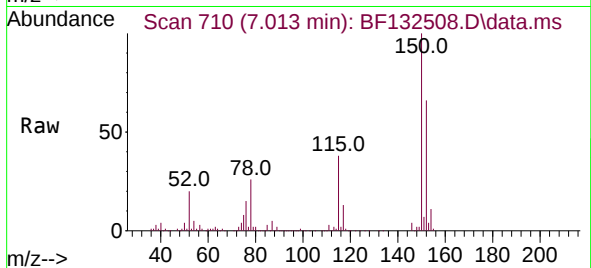
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.336	196	418228	42.461	ng	95
46) 1,1'-Biphenyl	9.478	154	1167343	40.521	ng	99
47) 2-Chloronaphthalene	9.507	162	932204	40.814	ng	99
48) 2-Nitroaniline	9.601	65	348936	41.480	ng	96
49) Acenaphthylene	9.925	152	1464433	40.286	ng	99
50) Dimethylphthalate	9.778	163	1138019	41.063	ng	100
51) 2,6-Dinitrotoluene	9.842	165	263185	41.699	ng	95
52) Acenaphthene	10.095	154	951752	41.233	ng	99
53) 3-Nitroaniline	10.013	138	296210	41.955	ng	93
54) 2,4-Dinitrophenol	10.119	184	167793	43.060	ng	96
55) Dibenzofuran	10.266	168	1369726	40.704	ng	97
56) 4-Nitrophenol	10.178	139	236276	44.875	ng	94
57) 2,4-Dinitrotoluene	10.248	165	350379	41.728	ng	96
58) Fluorene	10.613	166	1042063	40.485	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.383	232	309359	42.281	ng	99
60) Diethylphthalate	10.478	149	1108562	40.957	ng	100
61) 4-Chlorophenyl-phenyle...	10.601	204	545960	40.887	ng	96
62) 4-Nitroaniline	10.636	138	295887	42.694	ng	97
63) Azobenzene	10.760	77	1190799	41.542	ng	96
65) 4,6-Dinitro-2-methylph...	10.660	198	222856	45.373	ng	92
66) n-Nitrosodiphenylamine	10.719	169	939300	41.526	ng	99
67) 4-Bromophenyl-phenylether	11.095	248	342897	41.780	ng	98
68) Hexachlorobenzene	11.160	284	358374	41.499	ng	# 92
69) Atrazine	11.242	200	294815	41.749	ng	99
70) Pentachlorophenol	11.360	266	223979	43.593	ng	97
71) Phenanthrene	11.583	178	1523080	40.521	ng	99
72) Anthracene	11.636	178	1572866	40.636	ng	100
73) Carbazole	11.789	167	1418207	40.639	ng	100
74) Di-n-butylphthalate	12.107	149	1680883	41.062	ng	100
75) Fluoranthene	12.777	202	1673850	40.736	ng	99
77) Benzidine	12.895	184	448548	43.193	ng	98
78) Pyrene	13.013	202	1710620	44.104	ng	99
80) Butylbenzylphthalate	13.618	149	669133	43.718	ng	99
81) Benzo(a)anthracene	14.201	228	1340933	42.009	ng	98
82) 3,3'-Dichlorobenzidine	14.160	252	374216	39.766	ng	99
83) Chrysene	14.242	228	1230003	41.208	ng	99
84) Bis(2-ethylhexyl)phtha...	14.171	149	808929	43.023	ng	99
85) Di-n-octyl phthalate	14.801	149	1123649	40.896	ng	100
87) Indeno(1,2,3-cd)pyrene	17.371	276	1148232	45.261	ng	100
88) Benzo(b)fluoranthene	15.301	252	1076416	41.486	ng	98
89) Benzo(k)fluoranthene	15.336	252	989976	38.985	ng	100
90) Benzo(a)pyrene	15.701	252	1000861	41.215	ng	99
91) Dibenzo(a,h)anthracene	17.395	278	933360	45.155	ng	99
92) Benzo(g,h,i)perylene	17.871	276	978986	42.115	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.013 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

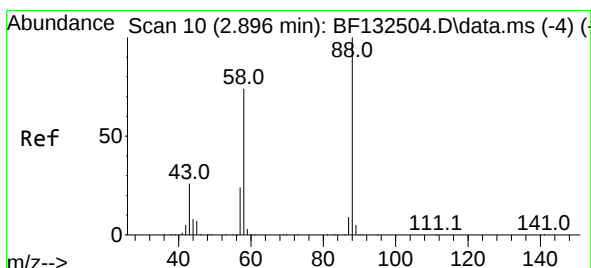
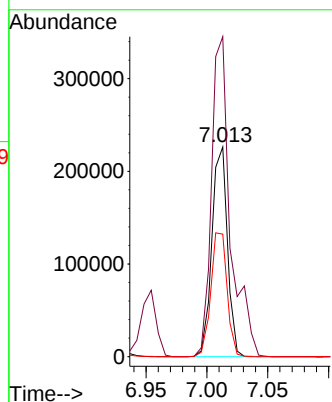
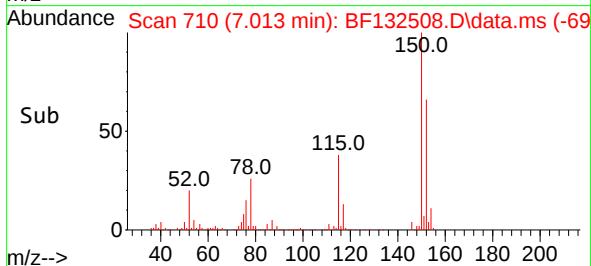
Instrument :
BNA_F
ClientSampleId :
ICVBF022223



Tgt Ion:152 Resp: 201910
Ion Ratio Lower Upper
152 100
150 152.6 125.4 188.2
115 58.4 47.8 71.6

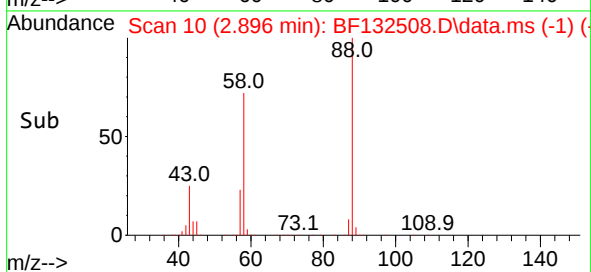
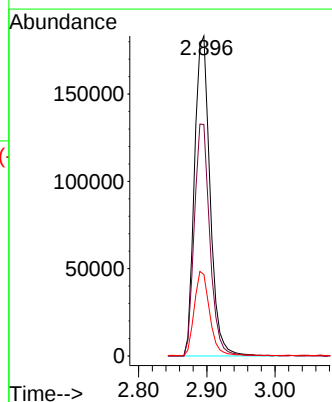
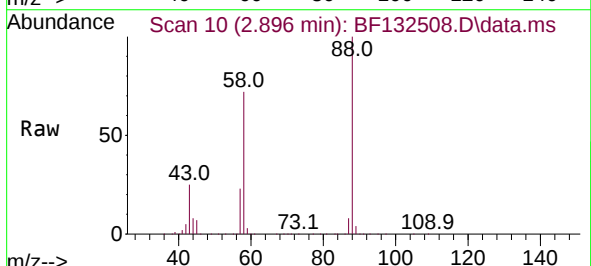
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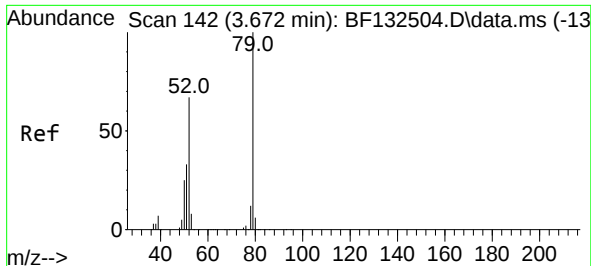
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#2
1,4-Dioxane
Concen: 42.318 ng
RT: 2.896 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

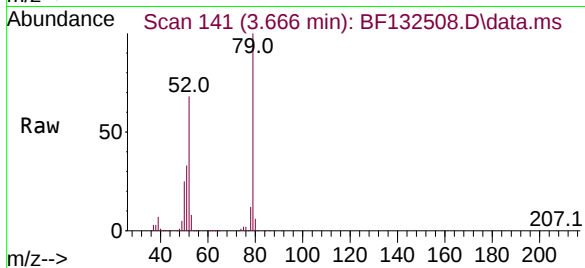
Tgt Ion: 88 Resp: 291218
Ion Ratio Lower Upper
88 100
58 72.2 58.3 87.5
43 25.7 20.7 31.1





#3
Pyridine
Concen: 41.579 ng
RT: 3.666 min Scan# 142
Delta R.T. -0.006 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

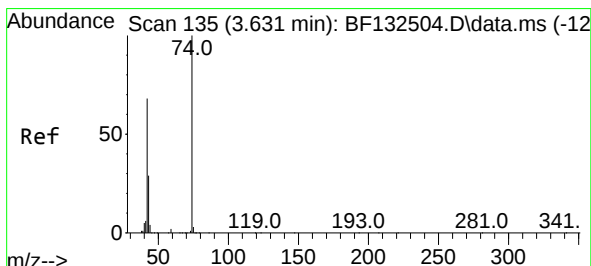
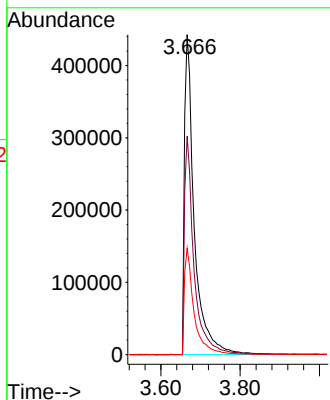
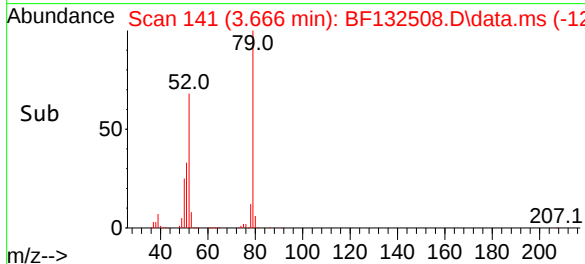
Instrument :
BNA_F
ClientSampleId :
ICVBF022223



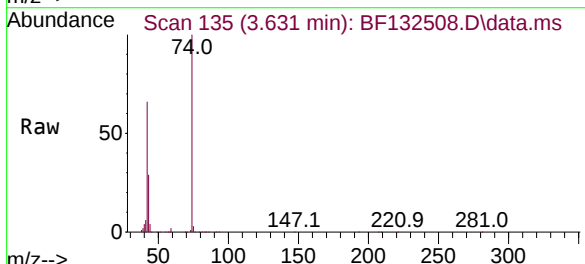
Tgt Ion: 79 Resp: 759517
Ion Ratio Lower Upper
79 100
52 68.2 53.7 80.5
51 33.3 26.6 40.0

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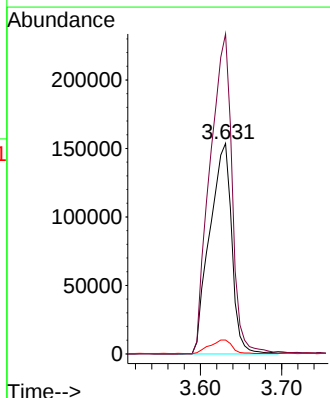
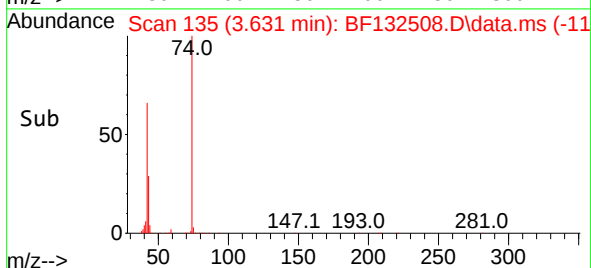
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#4
n-Nitrosodimethylamine
Concen: 41.925 ng
RT: 3.631 min Scan# 135
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30



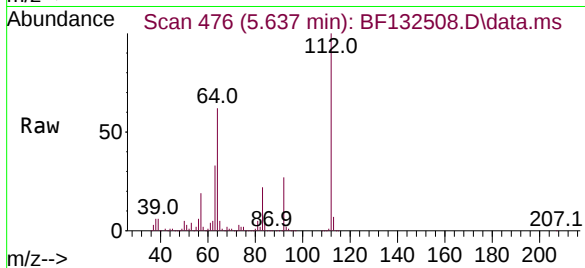
Tgt Ion: 42 Resp: 289277
Ion Ratio Lower Upper
42 100
74 152.1 118.2 177.2
44 6.6 5.3 7.9





#5
2-Fluorophenol
Concen: 81.967 ng
RT: 5.637 min Scan# 476
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

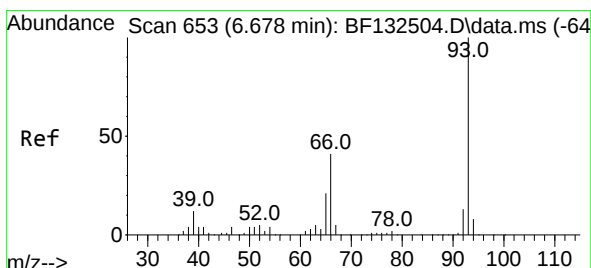
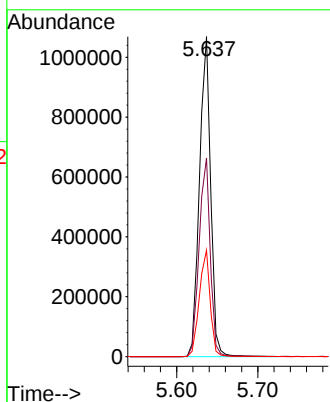
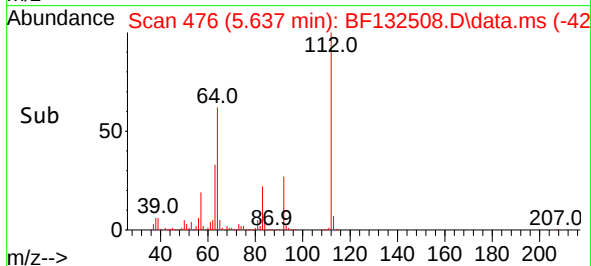
Instrument :
BNA_F
ClientSampleId :
ICVBF022223



Tgt Ion: 112 Resp: 1019731
Ion Ratio Lower Upper
112 100
64 62.1 51.6 77.4
63 33.3 27.4 41.2

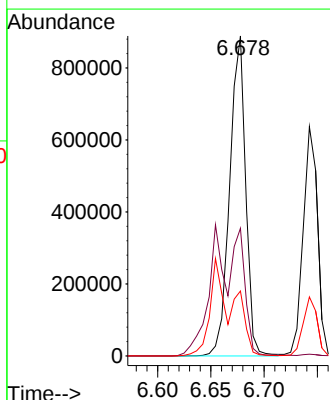
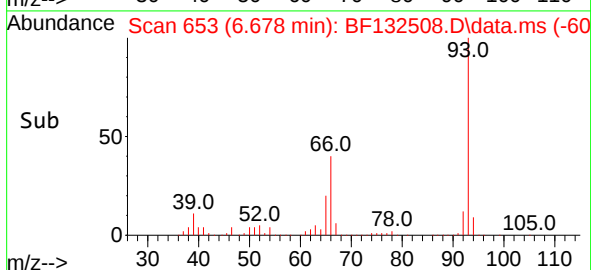
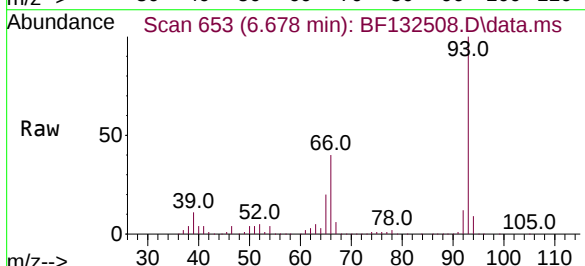
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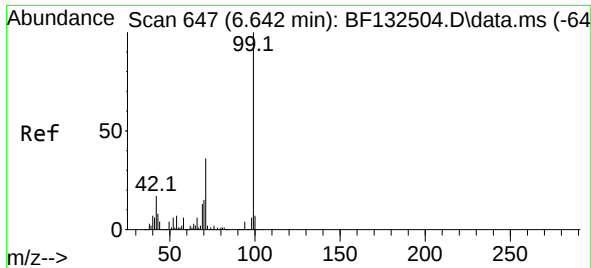
Reviewed By : Christian Giraldo 02/23/2023
Supervised By : Jagrut Upadhyay 02/23/2023



#6
Aniline
Concen: 42.561 ng
RT: 6.678 min Scan# 653
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

Tgt Ion: 93 Resp: 929956
Ion Ratio Lower Upper
93 100
66 39.9 32.5 48.7
65 20.3 16.6 24.8





#7

Phenol-d6

Concen: 81.161 ng

RT: 6.642 min Scan# 647

Delta R.T. 0.000 min

Lab File: BF132508.D

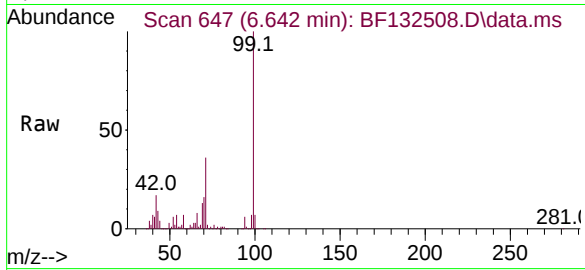
Acq: 22 Feb 2023 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF022223



Tgt Ion: 99 Resp: 131775

Ion Ratio Lower Upper

99 100

42 17.2 13.9 20.9

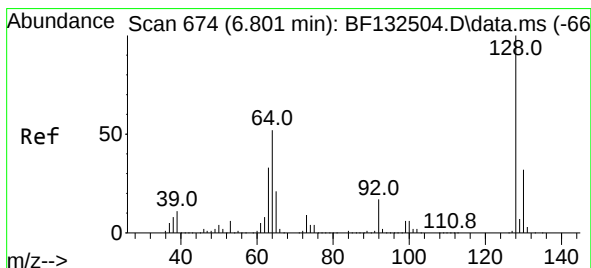
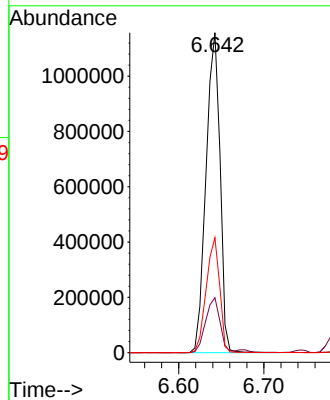
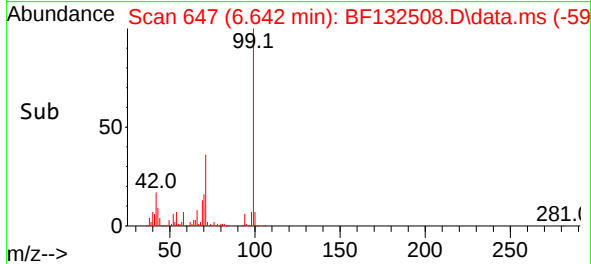
71 35.9 28.5 42.7

Manual Integrations

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#8

2-Chlorophenol

Concen: 41.385 ng

RT: 6.801 min Scan# 674

Delta R.T. 0.000 min

Lab File: BF132508.D

Acq: 22 Feb 2023 16:30

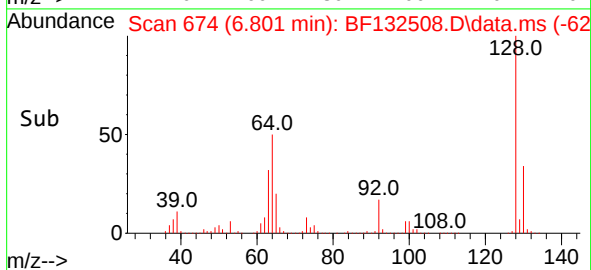
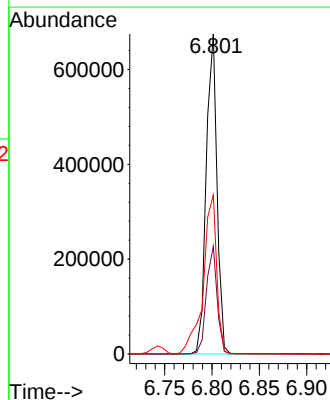
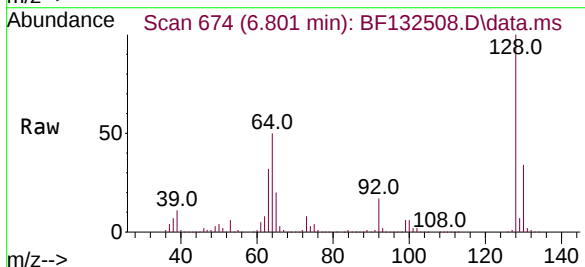
Tgt Ion:128 Resp: 534365

Ion Ratio Lower Upper

128 100

130 33.6 12.1 52.1

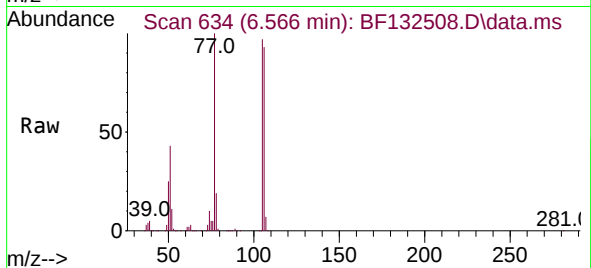
64 49.6 32.0 72.0





#9
Benzaldehyde
Concen: 39.018 ng
RT: 6.566 min Scan# 634
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

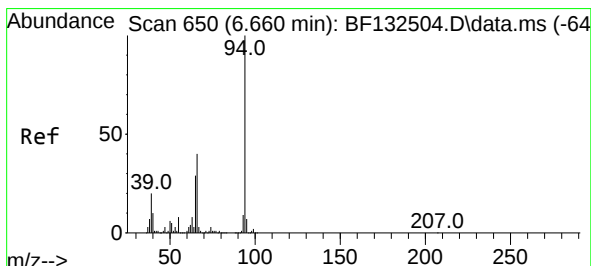
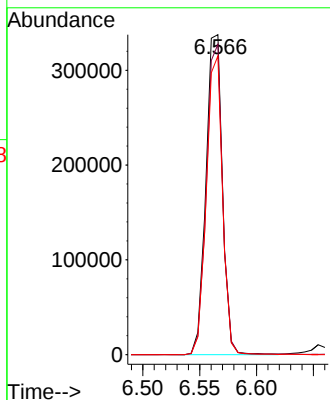
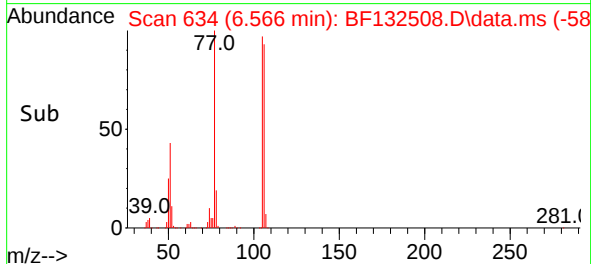
Instrument :
BNA_F
ClientSampleId :
ICVBF022223



Tgt Ion: 77 Resp: 341842
Ion Ratio Lower Upper
77 100
105 96.9 77.9 117.9
106 93.3 73.4 113.4

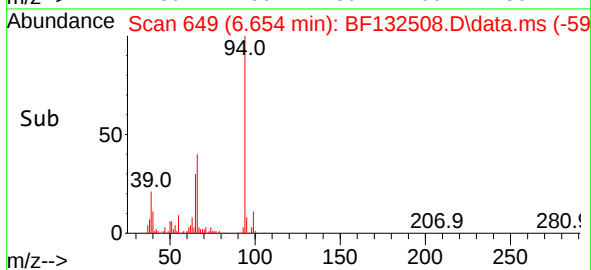
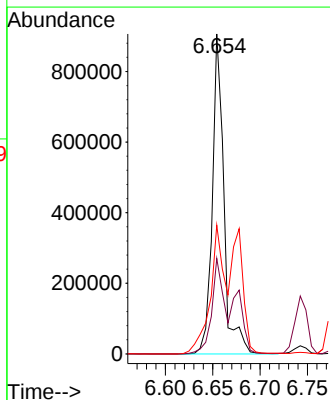
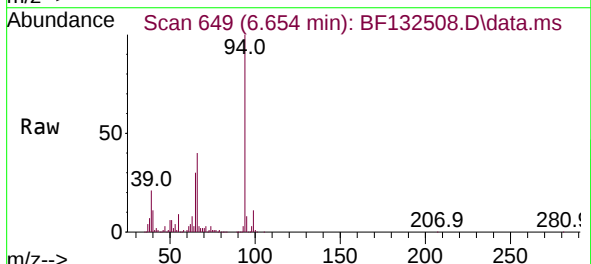
Manual Integrations
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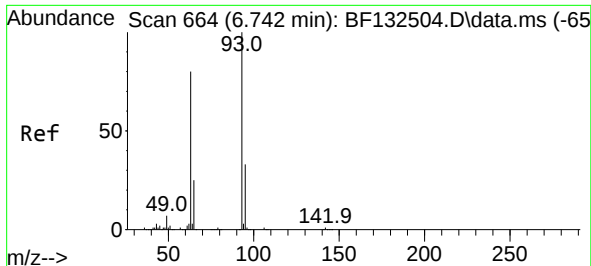
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#10
Phenol
Concen: 41.483 ng
RT: 6.654 min Scan# 649
Delta R.T. -0.006 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

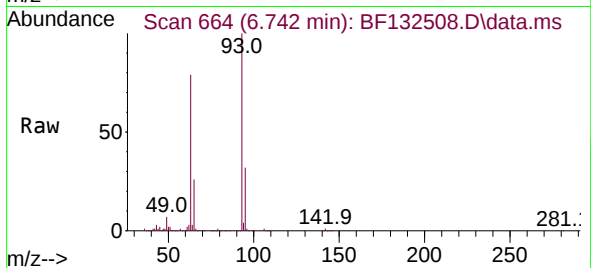
Tgt Ion: 94 Resp: 772192
Ion Ratio Lower Upper
94 100
65 29.8 9.4 49.4
66 40.2 19.8 59.8





#11
bis(2-Chloroethyl)ether
Concen: 41.460 ng
RT: 6.742 min Scan# 60
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

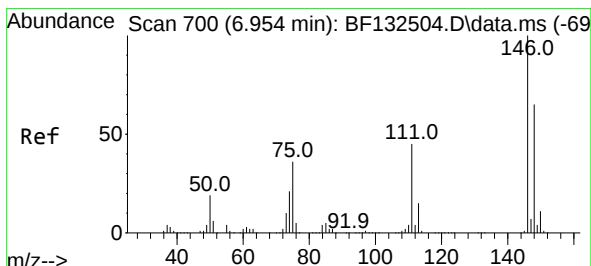
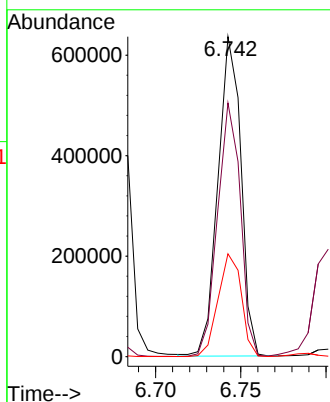
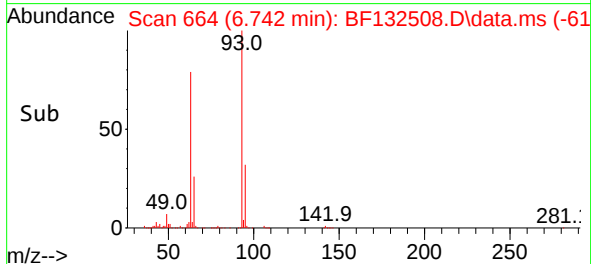
Instrument :
BNA_F
Client Sample Id :
ICVBF022223



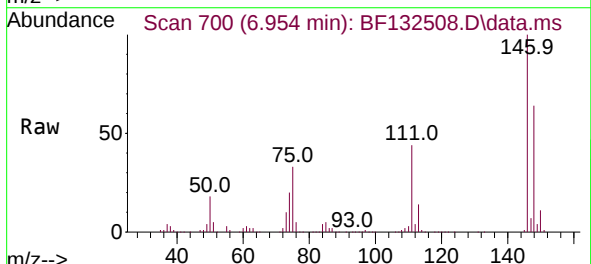
Tgt Ion: 93 Resp: 59578
Ion Ratio Lower Upper
93 100
63 79.3 59.6 99.6
95 32.1 12.8 52.8

Manual Integrations
APPROVED

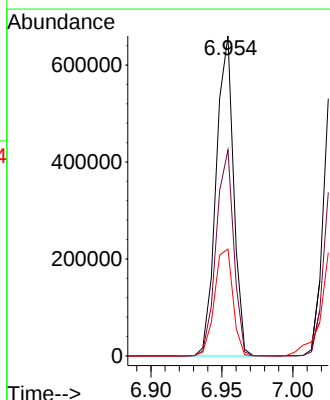
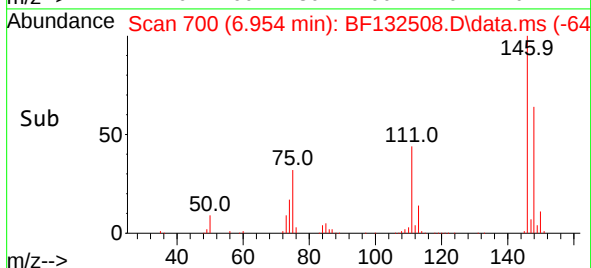
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

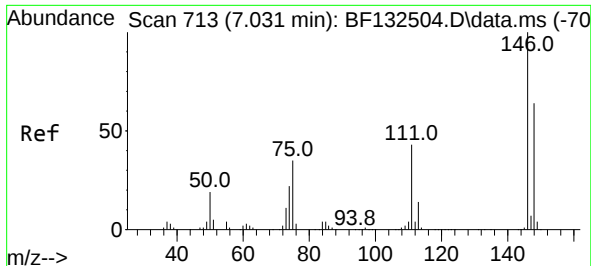


#12
1,3-Dichlorobenzene
Concen: 40.820 ng
RT: 6.954 min Scan# 700
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30



Tgt Ion:146 Resp: 565604
Ion Ratio Lower Upper
146 100
148 64.4 51.9 77.9
75 33.4 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 40.702 ng

RT: 7.031 min Scan# 713

Delta R.T. 0.000 min

Lab File: BF132508.D

Acq: 22 Feb 2023 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF022223

Tgt Ion:146 Resp: 563138

Ion Ratio Lower Upper

146 100

148 64.0 51.1 76.7

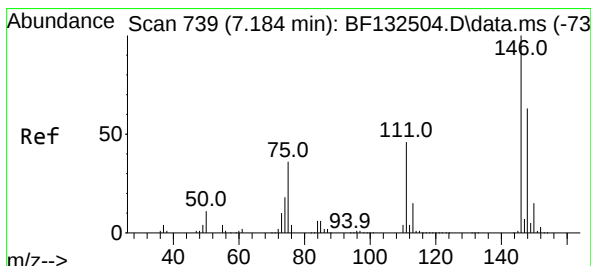
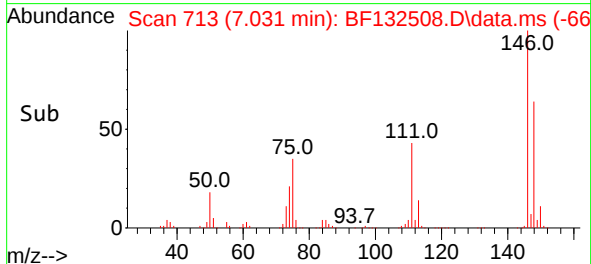
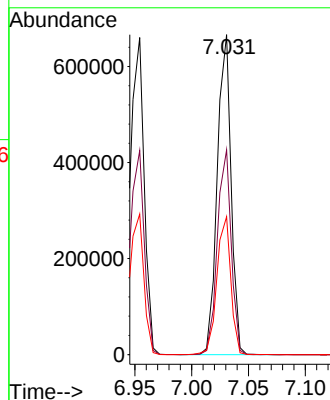
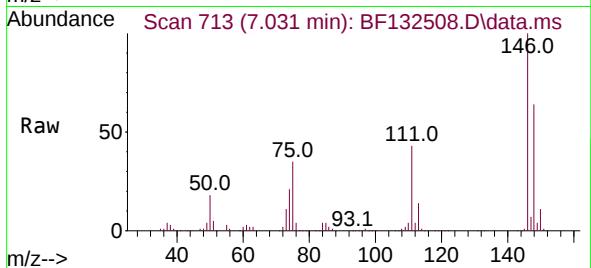
111 43.1 34.8 52.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2023

Supervised By :Jagrut Upadhyay 02/23/2023



#14

1,2-Dichlorobenzene

Concen: 38.650 ng

RT: 7.184 min Scan# 739

Delta R.T. -0.000 min

Lab File: BF132508.D

Acq: 22 Feb 2023 16:30

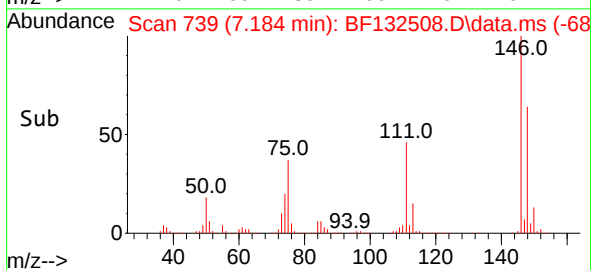
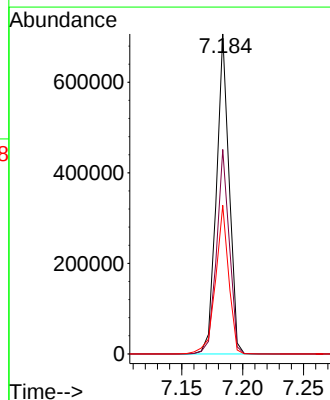
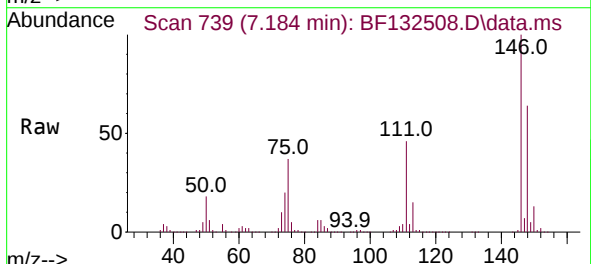
Tgt Ion:146 Resp: 513199

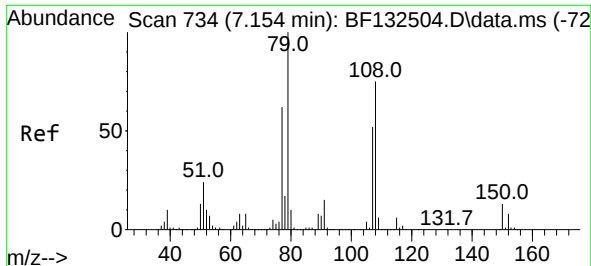
Ion Ratio Lower Upper

146 100

148 63.9 50.6 75.8

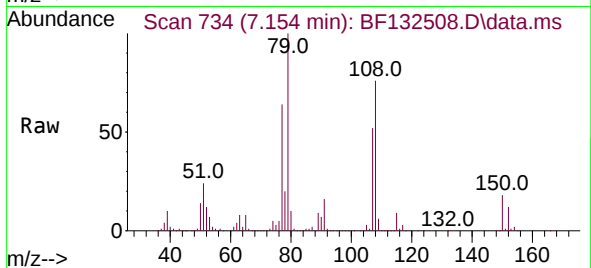
111 46.4 37.2 55.8





#15
Benzyl Alcohol
Concen: 42.124 ng
RT: 7.154 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

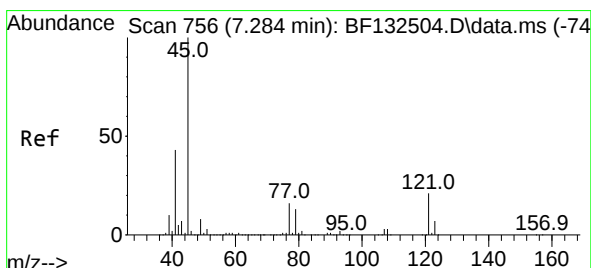
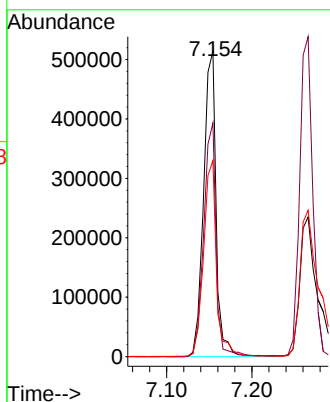
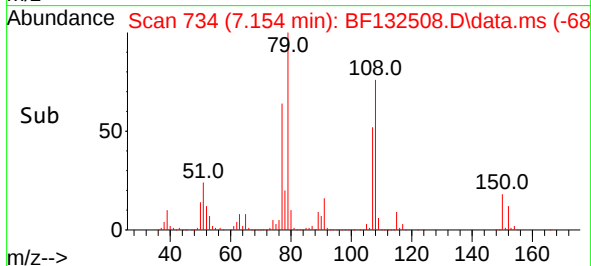
Instrument :
BNA_F
ClientSampleId :
ICVBF022223



Tgt Ion: 79 Resp: 526729
Ion Ratio Lower Upper
79 100
108 76.5 60.2 90.4
77 64.2 49.9 74.9

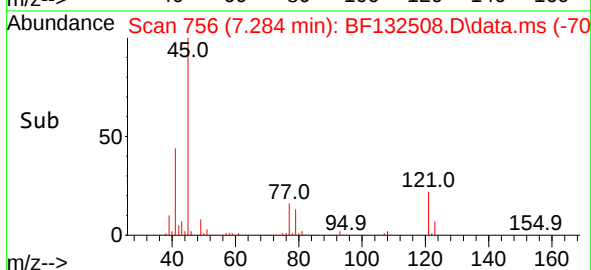
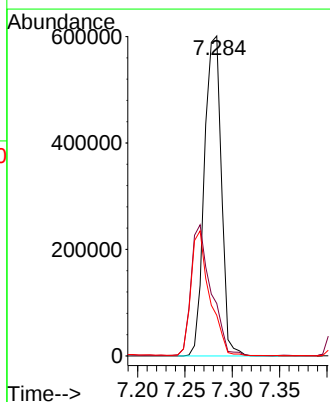
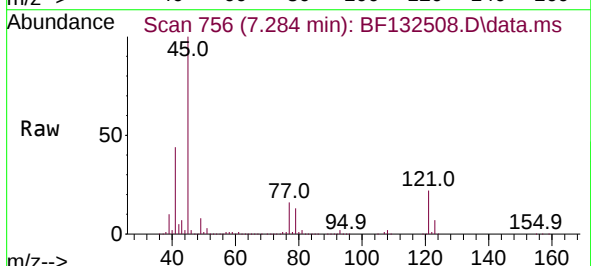
Manual Integrations
APPROVED

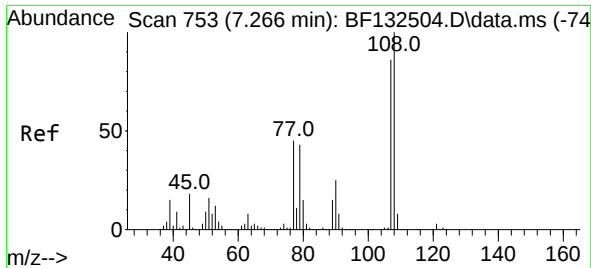
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.865 ng
RT: 7.284 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

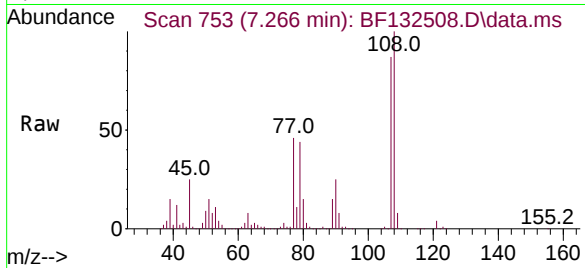
Tgt Ion: 45 Resp: 748847
Ion Ratio Lower Upper
45 100
77 16.4 0.0 36.4
79 12.7 0.0 33.4





#17
2-Methylphenol
Concen: 40.679 ng
RT: 7.266 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

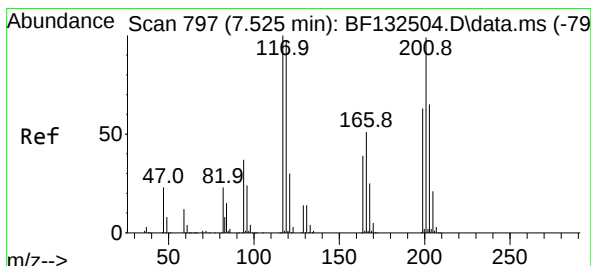
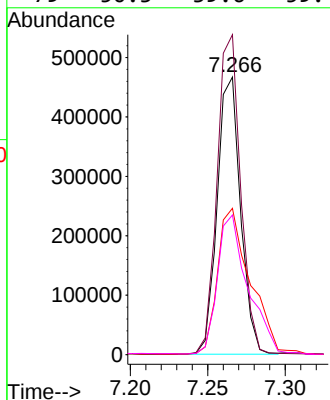
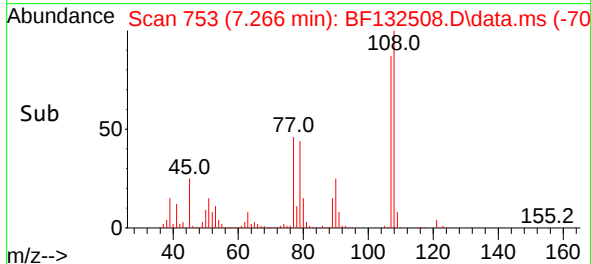
Instrument :
BNA_F
ClientSampleId :
ICVBF022223



Tgt Ion:107 Resp: 490203
Ion Ratio Lower Upper
107 100
108 115.3 93.0 139.4
77 52.7 42.1 63.1
79 50.3 39.6 59.4

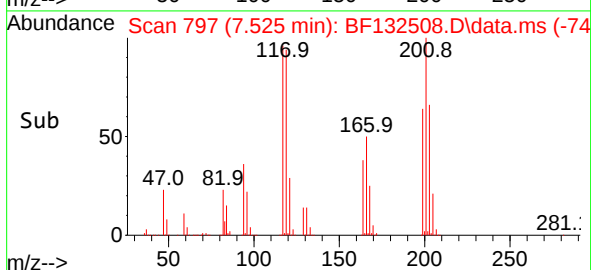
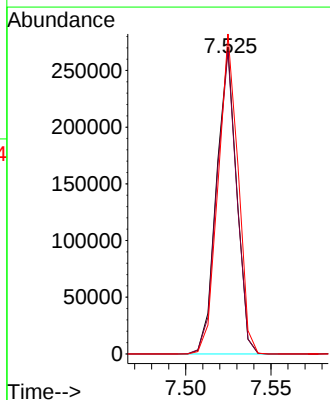
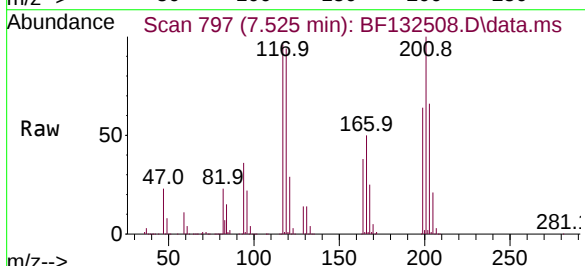
Manual Integrations
APPROVED

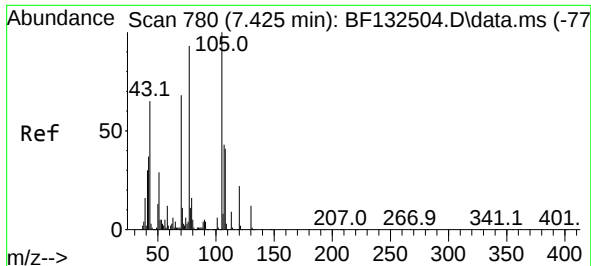
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#18
Hexachloroethane
Concen: 40.623 ng
RT: 7.525 min Scan# 797
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

Tgt Ion:117 Resp: 219577
Ion Ratio Lower Upper
117 100
119 98.5 78.0 117.0
201 104.3 79.0 118.4





#19

n-Nitroso-di-n-propylamine

Concen: 39.023 ng

RT: 7.425 min Scan# 780

Delta R.T. -0.000 min

Lab File: BF132508.D

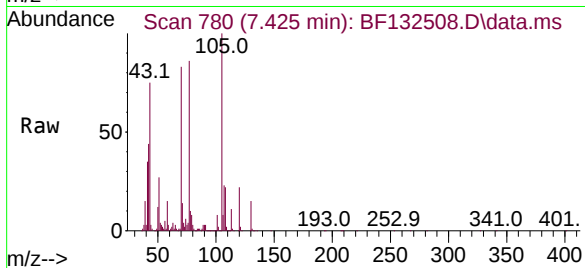
Acq: 22 Feb 2023 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF022223



Tgt Ion: 70 Resp: 389932

Ion Ratio Lower Upper

70 100

42 53.2 44.1 66.1

101 9.4 7.4 11.2

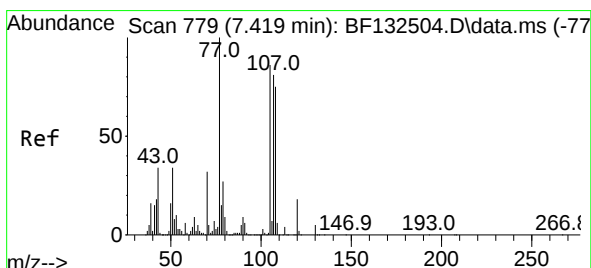
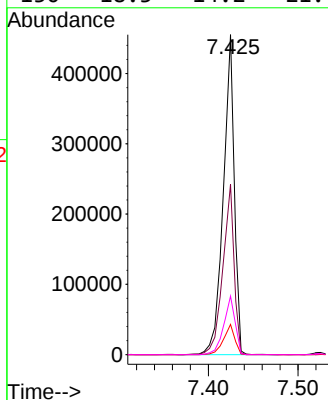
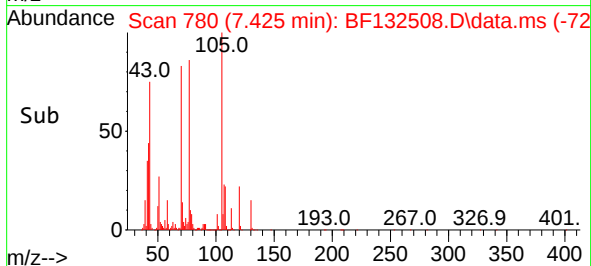
130 18.3 14.2 21.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2023

Supervised By :Jagrut Upadhyay 02/23/2023



#20

3+4-Methylphenols

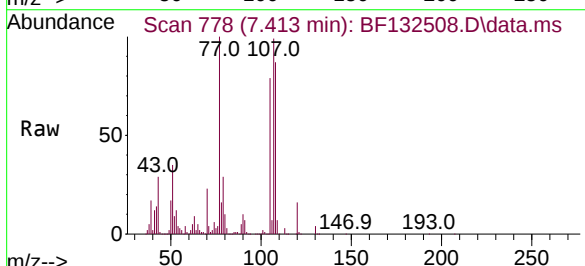
Concen: 36.557 ng

RT: 7.413 min Scan# 778

Delta R.T. -0.006 min

Lab File: BF132508.D

Acq: 22 Feb 2023 16:30



Tgt Ion:107 Resp: 569134

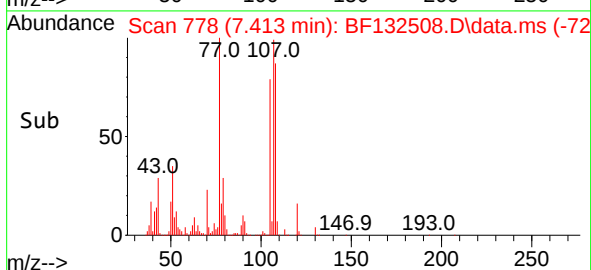
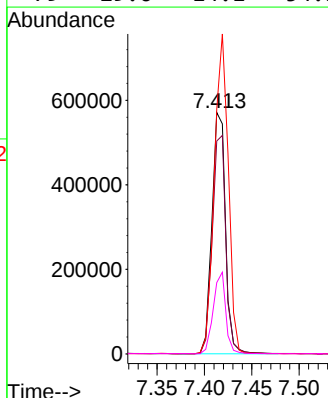
Ion Ratio Lower Upper

107 100

108 88.2 72.6 112.6

77 101.4 104.0 144.0#

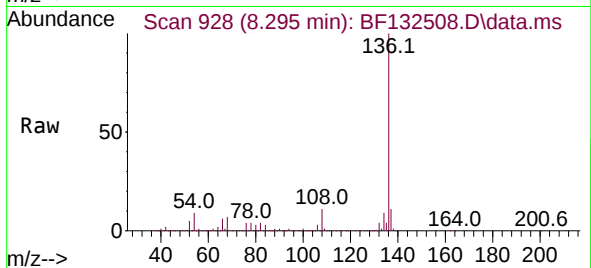
79 29.6 14.1 54.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.295 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

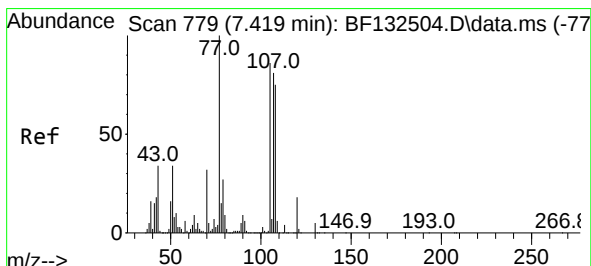
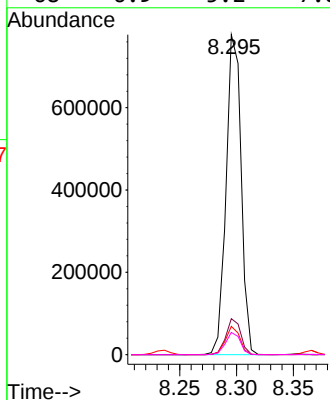
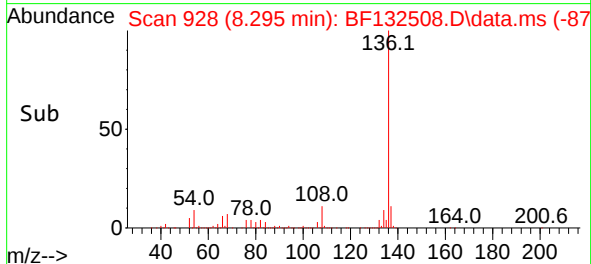
Instrument :
BNA_F
ClientSampleId :
ICVBF022223



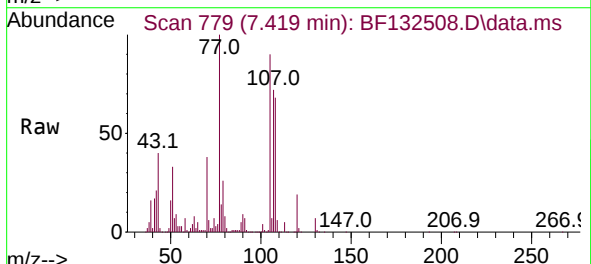
Tgt Ion:136 Resp: 716396
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.8 6.2 9.4
68 6.9 5.2 7.8

Manual Integrations
APPROVED

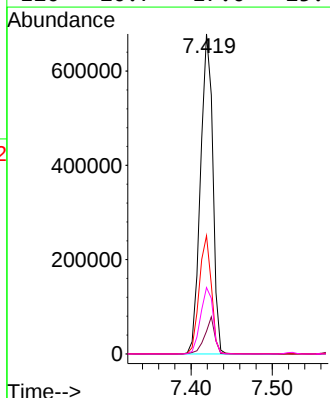
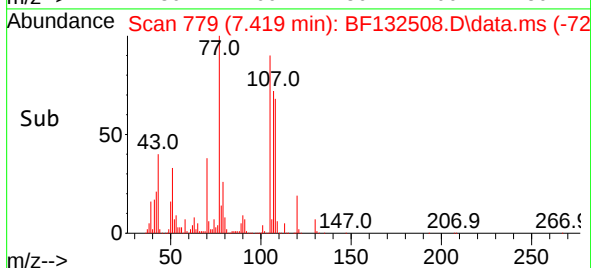
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

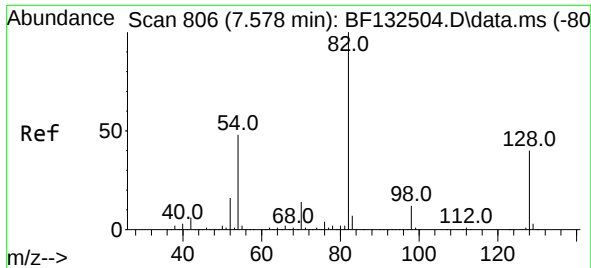


#22
Acetophenone
Concen: 39.534 ng
RT: 7.419 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30



Tgt Ion:105 Resp: 714149
Ion Ratio Lower Upper
105 100
71 7.1 5.0 7.4
51 36.9 31.5 47.3
120 20.7 17.0 25.4





#23

Nitrobenzene-d5

Concen: 82.108 ng

RT: 7.578 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF132508.D

Acq: 22 Feb 2023 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF022223

Tgt Ion: 82 Resp: 1239809

Ion Ratio Lower Upper

82 100

128 39.8 32.2 48.2

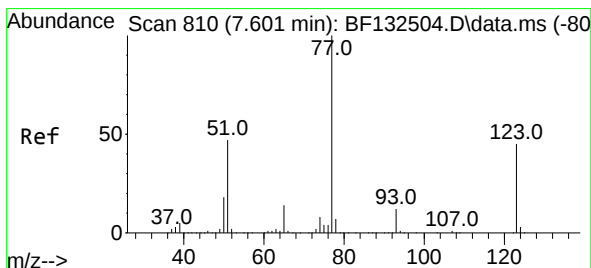
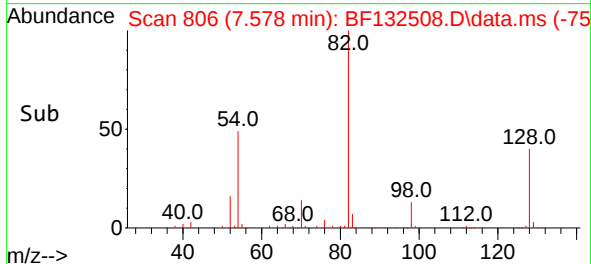
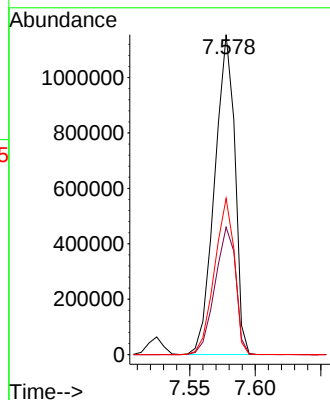
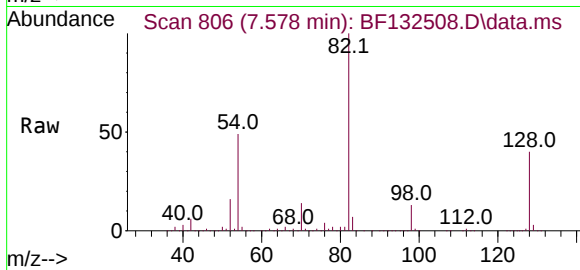
54 48.8 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2023

Supervised By :Jagrut Upadhyay 02/23/2023



#24

Nitrobenzene

Concen: 41.621 ng

RT: 7.595 min Scan# 809

Delta R.T. -0.006 min

Lab File: BF132508.D

Acq: 22 Feb 2023 16:30

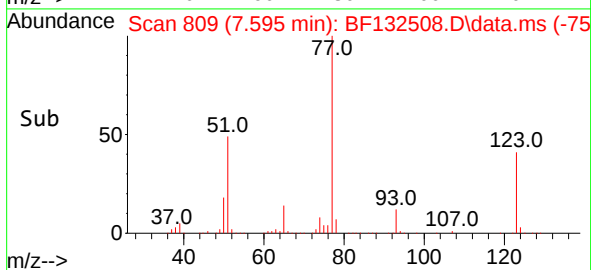
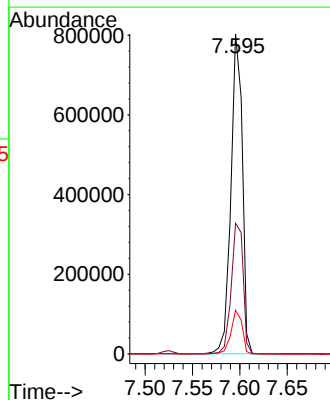
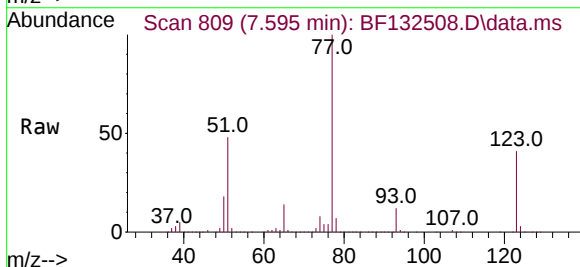
Tgt Ion: 77 Resp: 672133

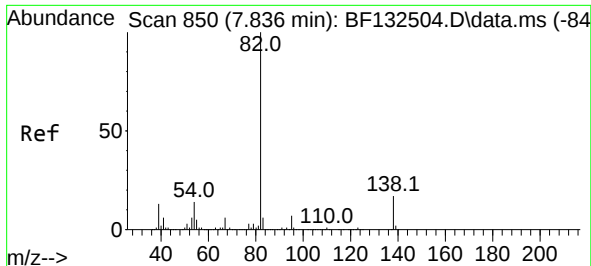
Ion Ratio Lower Upper

77 100

123 40.8 35.8 53.6

65 13.6 10.9 16.3





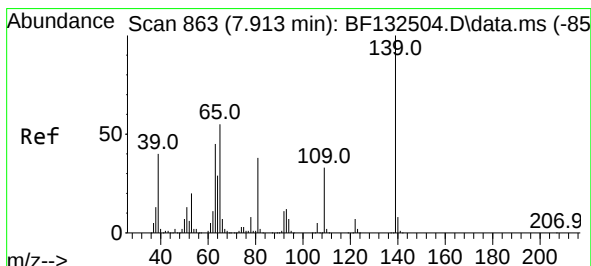
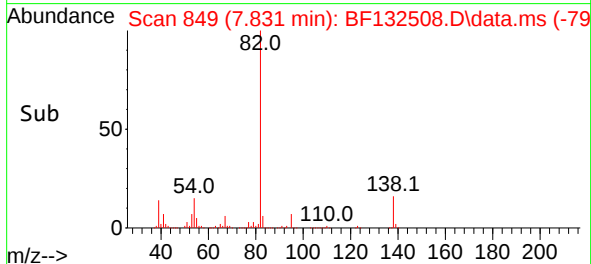
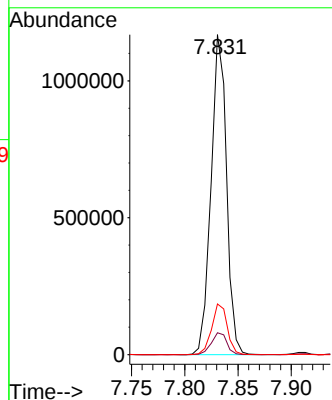
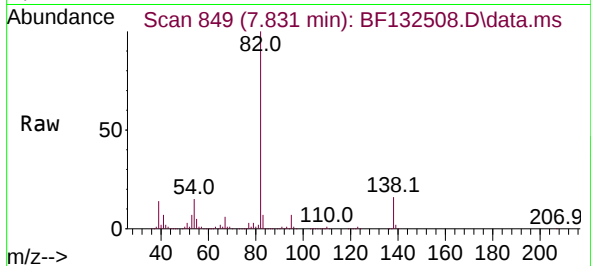
#25
Isophorone
Concen: 40.798 ng
RT: 7.831 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

Instrument :
BNA_F
ClientSampleId :
ICVBF022223

Tgt Ion: 82 Resp: 1181080
Ion Ratio Lower Upper
82 100
95 6.8 5.7 8.5
138 15.8 13.3 19.9

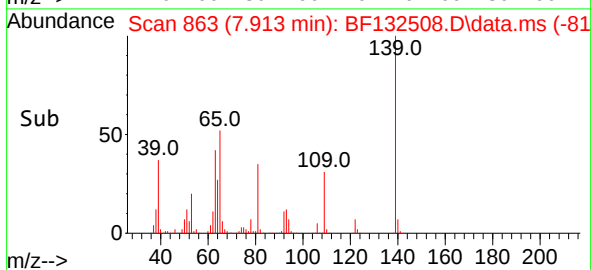
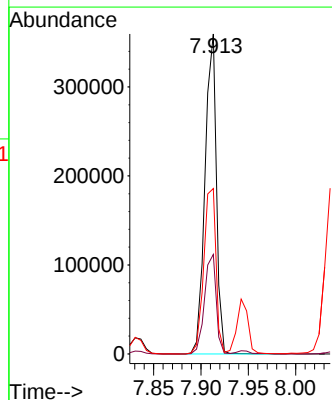
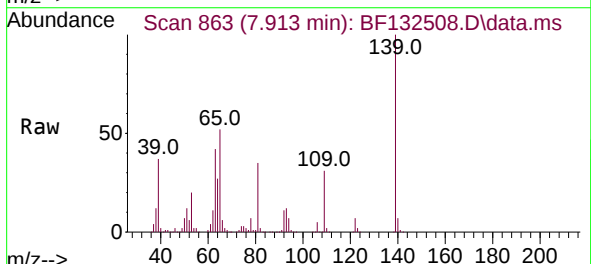
Manual Integrations
APPROVED

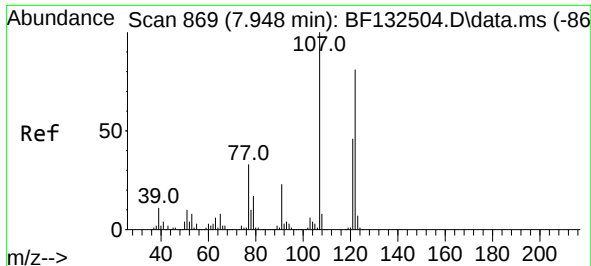
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#26
2-Nitrophenol
Concen: 42.176 ng
RT: 7.913 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

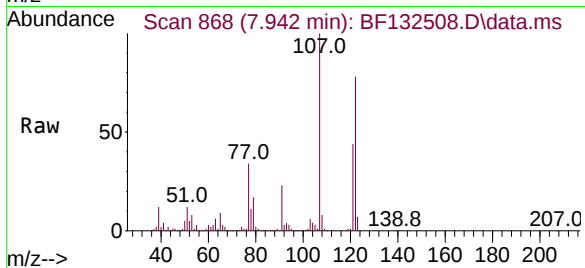
Tgt Ion:139 Resp: 300515
Ion Ratio Lower Upper
139 100
109 31.1 26.2 39.2
65 51.7 43.8 65.8





#27
2,4-Dimethylphenol
Concen: 40.580 ng
RT: 7.942 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

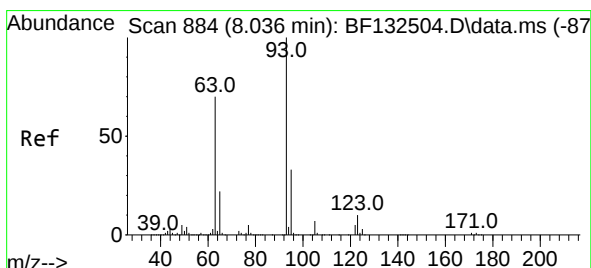
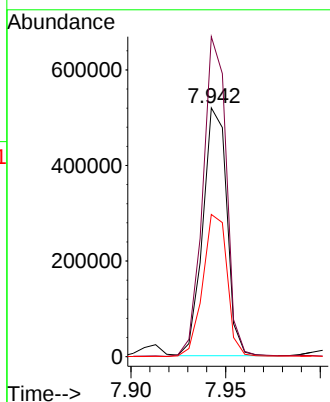
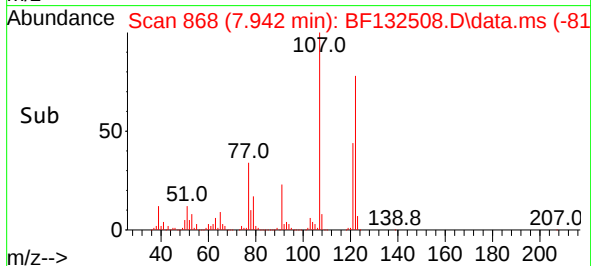
Instrument :
BNA_F
Client Sample Id :
ICVBF022223



Tgt Ion: 122 Resp: 456342
Ion Ratio Lower Upper
122 100
107 128.6 98.7 148.1
121 57.1 45.8 68.6

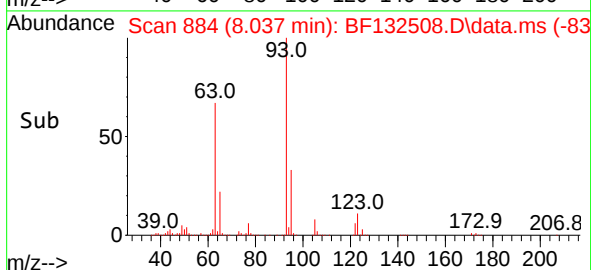
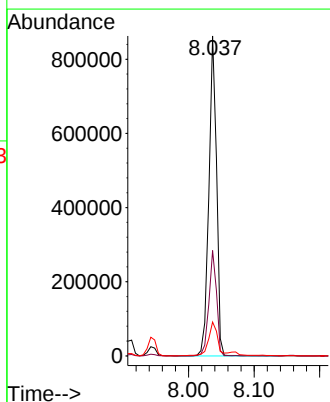
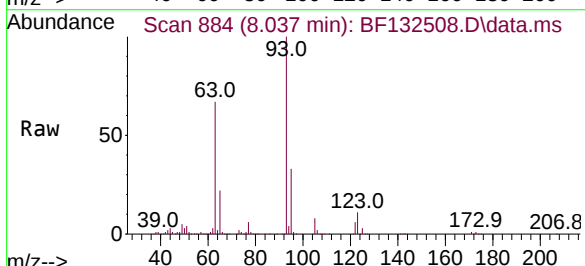
Manual Integrations
APPROVED

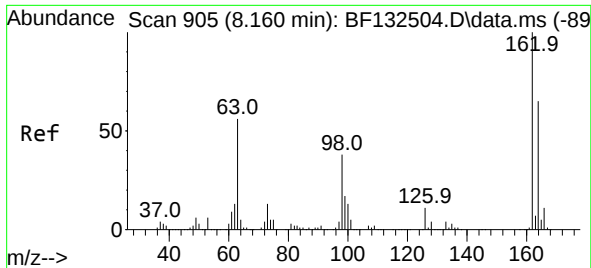
Reviewed By : Christian Giraldo 02/23/2023
Supervised By : Jagrut Upadhyay 02/23/2023



#28
bis(2-Chloroethoxy)methane
Concen: 41.322 ng
RT: 8.037 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

Tgt Ion: 93 Resp: 699795
Ion Ratio Lower Upper
93 100
95 32.9 26.3 39.5
123 10.6 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 41.480 ng

RT: 8.154 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF132508.D

Acq: 22 Feb 2023 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF022223

Tgt Ion:162 Resp: 464016

Ion Ratio Lower Upper

162 100

164 62.9 45.3 85.3

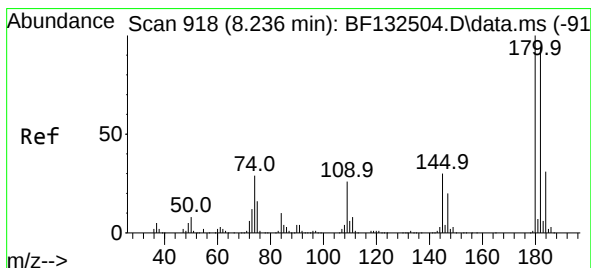
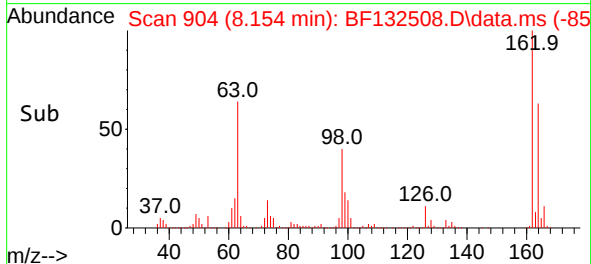
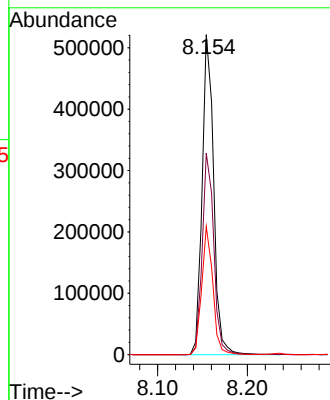
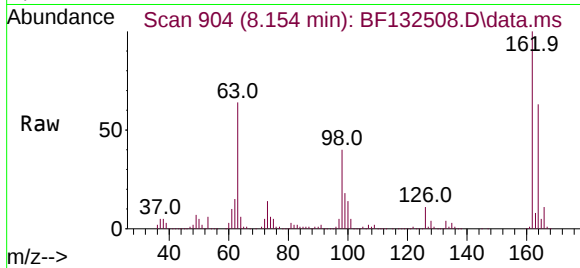
98 40.0 17.9 57.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2023

Supervised By :Jagrut Upadhyay 02/23/2023



#30

1,2,4-Trichlorobenzene

Concen: 40.867 ng

RT: 8.236 min Scan# 918

Delta R.T. 0.000 min

Lab File: BF132508.D

Acq: 22 Feb 2023 16:30

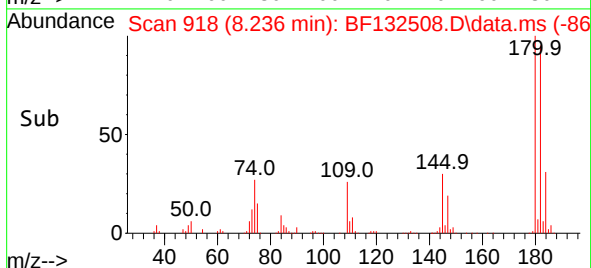
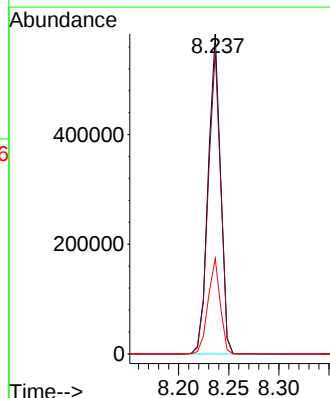
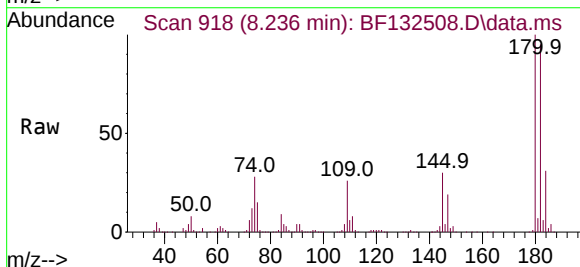
Tgt Ion:180 Resp: 496411

Ion Ratio Lower Upper

180 100

182 94.7 75.1 112.7

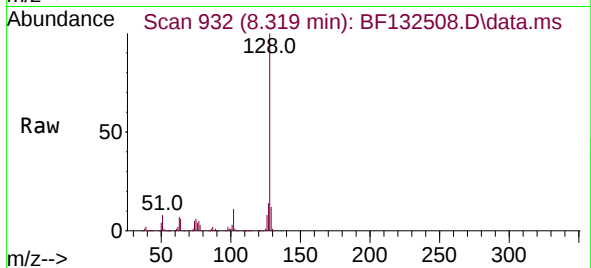
145 29.8 23.8 35.6





#31
Naphthalene
Concen: 40.435 ng
RT: 8.319 min Scan# 931
Delta R.T. -0.006 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

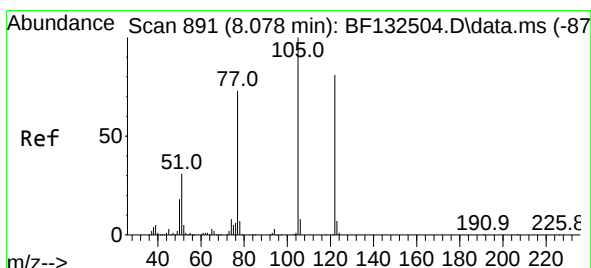
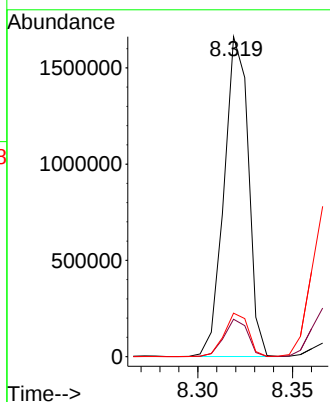
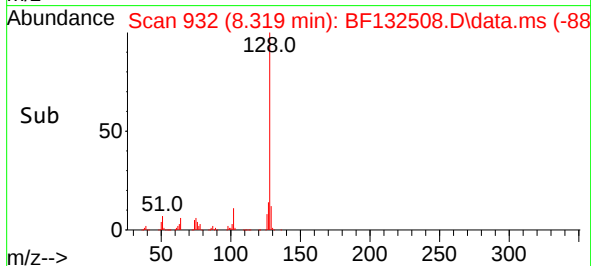
Instrument :
BNA_F
ClientSampleId :
ICVBF022223



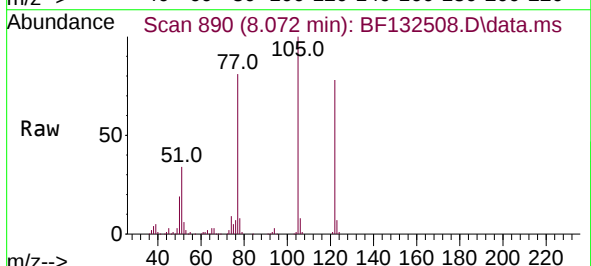
Tgt Ion:128 Resp: 148295
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.6 11.0 16.6

Manual Integrations
APPROVED

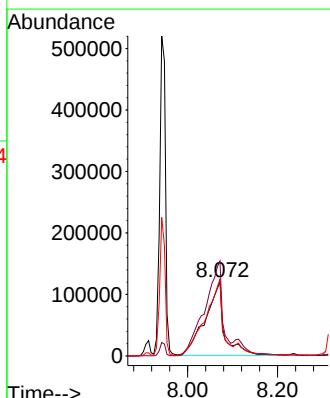
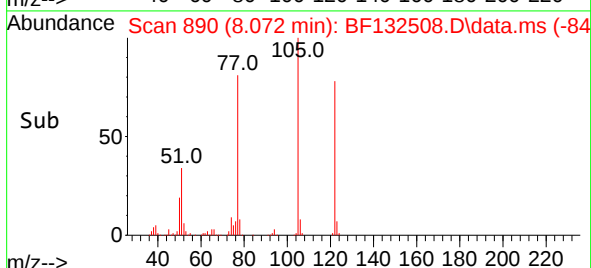
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

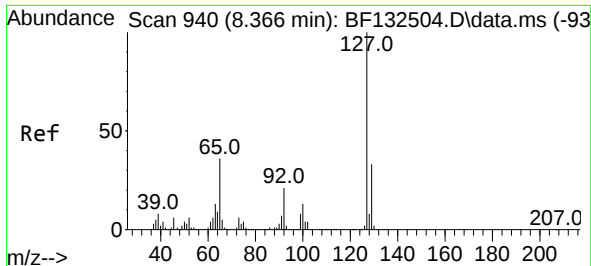


#32
Benzoic acid
Concen: 40.969 ng m
RT: 8.072 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30



Tgt Ion:122 Resp: 357645
Ion Ratio Lower Upper
122 100
105 128.2 102.6 142.6
77 103.6 70.2 110.2





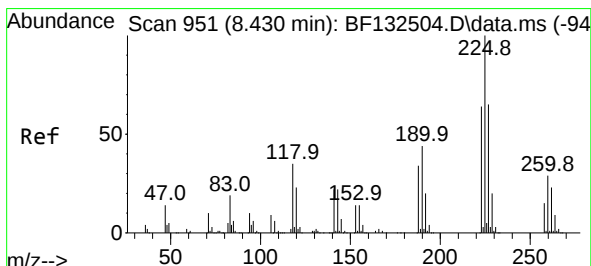
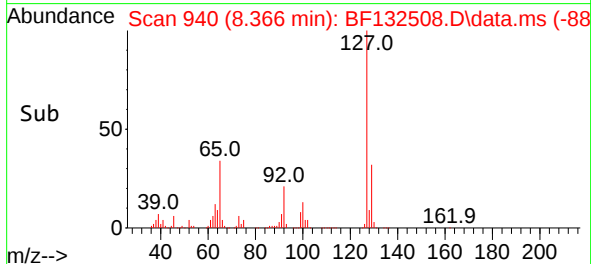
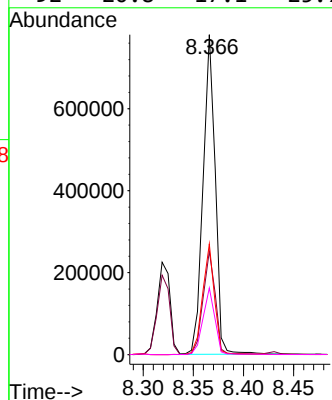
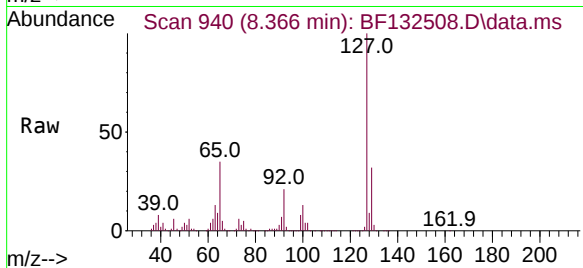
#33
4-Chloroaniline
Concen: 41.735 ng
RT: 8.366 min Scan# 940
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

Instrument :
BNA_F
ClientSampleId :
ICVBF022223

Tgt Ion:	127	Resp:	655902
Ion Ratio	Lower	Upper	
127	100		
129	32.3	26.4	39.6
65	34.6	28.8	43.2
92	20.8	17.1	25.7

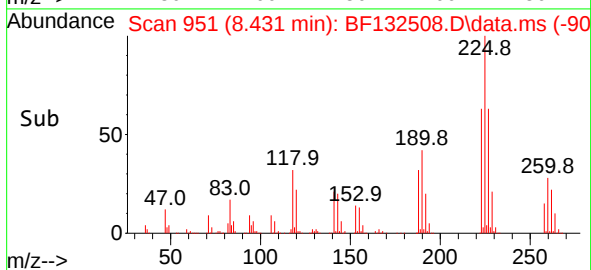
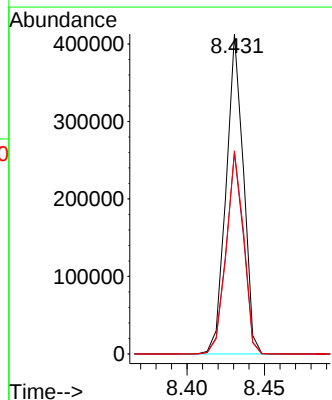
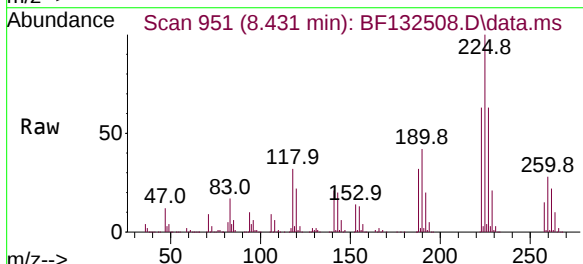
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#34
Hexachlorobutadiene
Concen: 41.389 ng
RT: 8.431 min Scan# 951
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

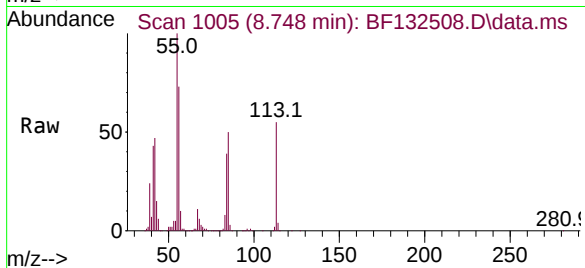
Tgt Ion:	225	Resp:	319474
Ion Ratio	Lower	Upper	
225	100		
223	62.8	51.0	76.4
227	63.5	51.7	77.5





#35
Caprolactam
Concen: 42.579 ng
RT: 8.748 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

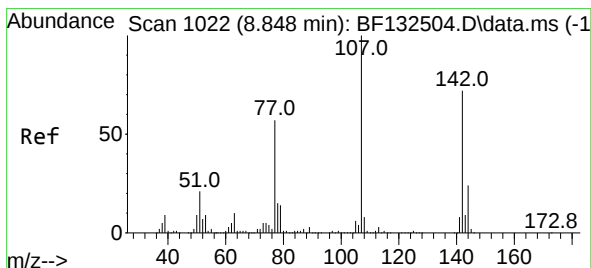
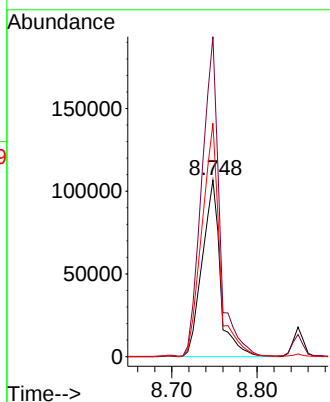
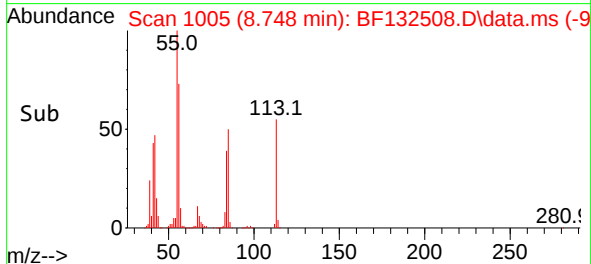
Instrument :
BNA_F
ClientSampleId :
ICVBF022223



Tgt Ion:113 Resp: 15702
Ion Ratio Lower Upper
113 100
55 181.2 149.4 189.4
56 132.1 105.0 145.0

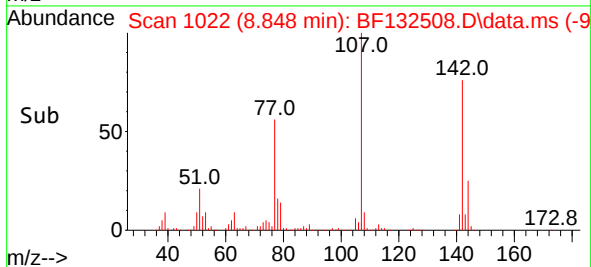
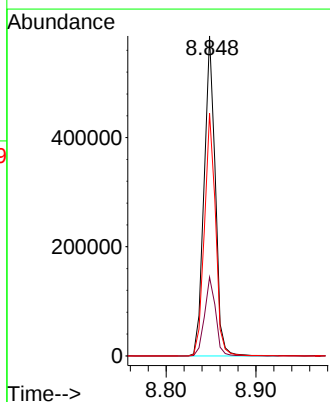
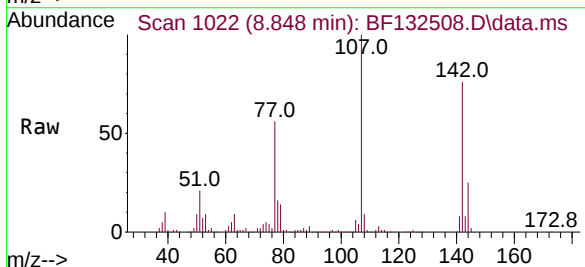
Manual Integrations
APPROVED

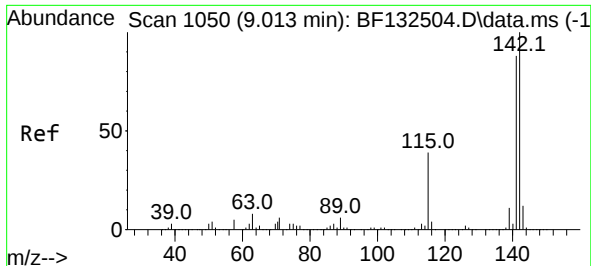
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#36
4-Chloro-3-methylphenol
Concen: 41.129 ng
RT: 8.848 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

Tgt Ion:107 Resp: 505275
Ion Ratio Lower Upper
107 100
144 24.6 18.9 28.3
142 75.8 57.9 86.9





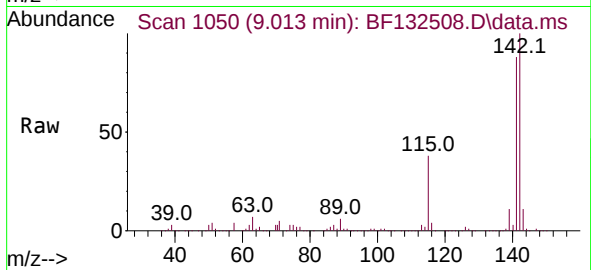
#37
2-Methylnaphthalene
Concen: 40.014 ng
RT: 9.013 min Scan# 1050
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF022223

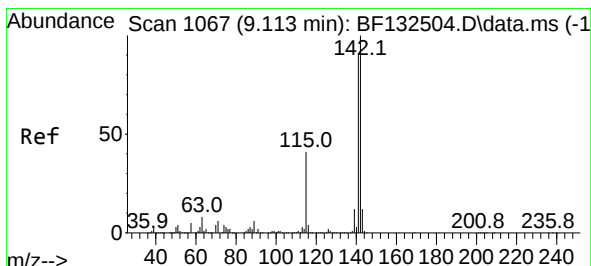
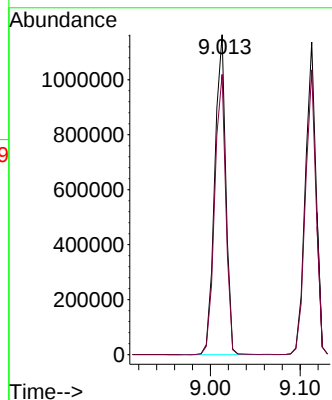
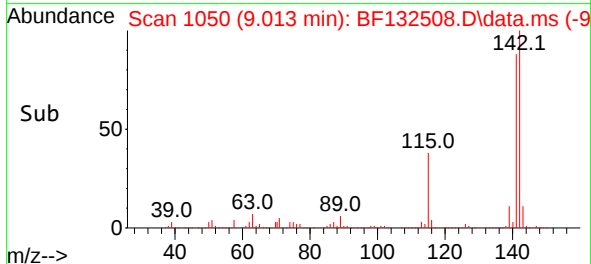


Tgt Ion:142 Resp: 1000086
Ion Ratio Lower Upper
142 100
141 87.6 70.2 105.2

Manual Integrations

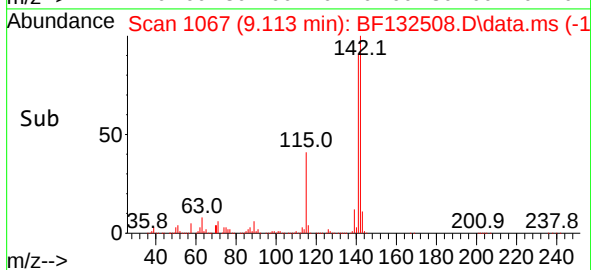
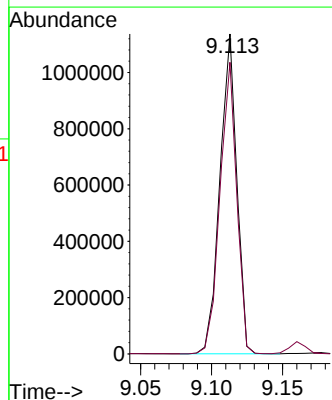
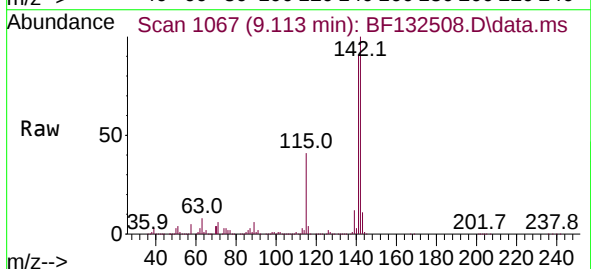
APPROVED

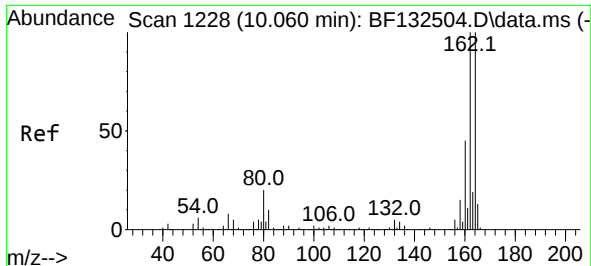
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#38
1-Methylnaphthalene
Concen: 40.199 ng
RT: 9.113 min Scan# 1067
Delta R.T. -0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

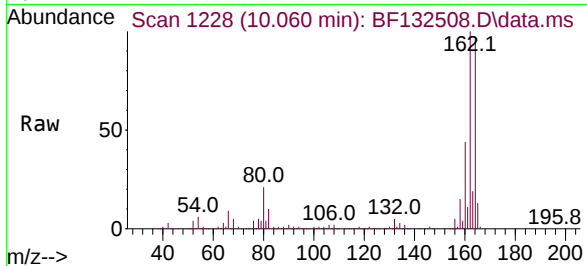
Tgt Ion:142 Resp: 938957
Ion Ratio Lower Upper
142 100
141 91.1 73.0 109.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.060 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

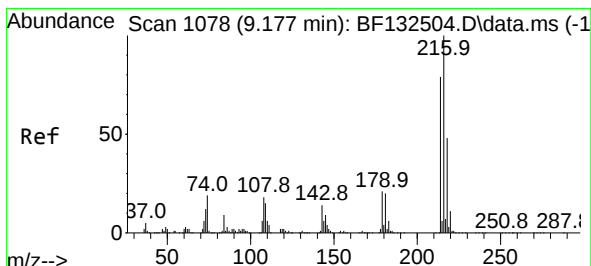
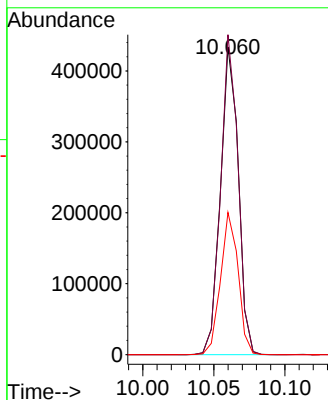
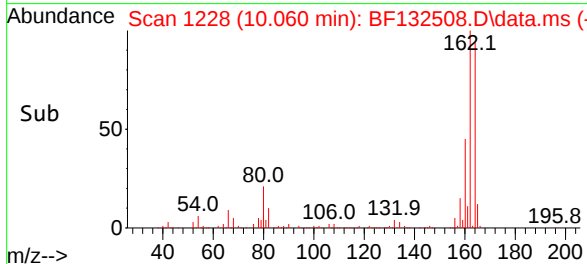
Instrument :
BNA_F
ClientSampleId :
ICVBF022223



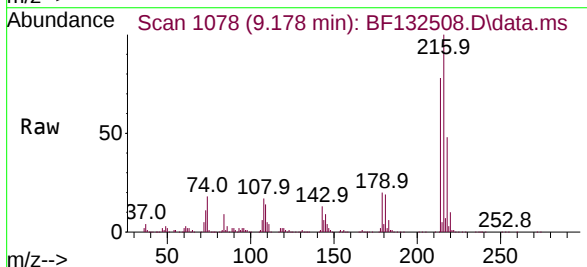
Tgt Ion:164 Resp: 380617
Ion Ratio Lower Upper
164 100
162 104.0 79.8 119.8
160 46.2 35.8 53.6

Manual Integrations
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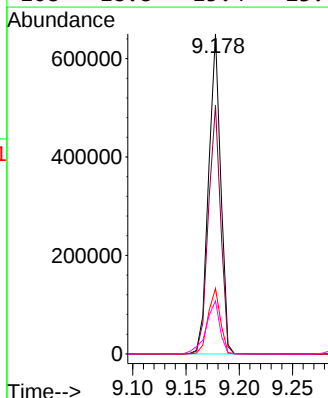
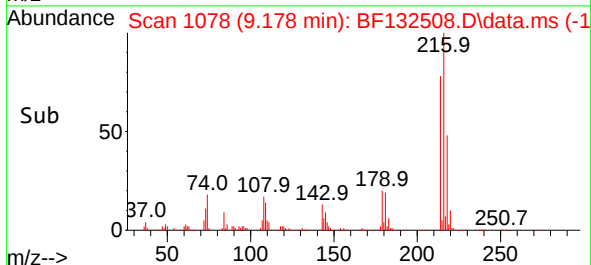
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

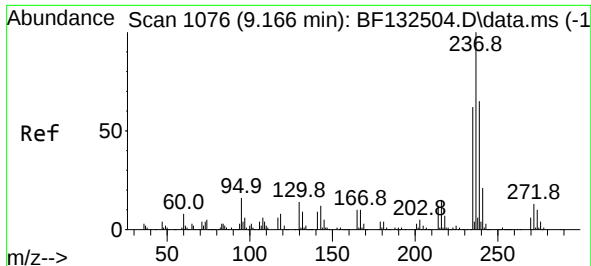


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.106 ng
RT: 9.178 min Scan# 1078
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30



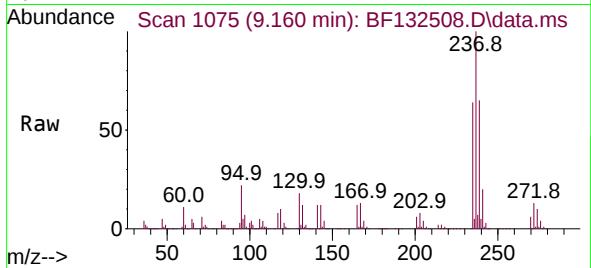
Tgt Ion:216 Resp: 511885
Ion Ratio Lower Upper
216 100
214 78.5 63.0 94.6
179 20.7 16.6 24.8
108 18.8 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 44.908 ng
RT: 9.160 min Scan# 1076
Delta R.T. -0.006 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

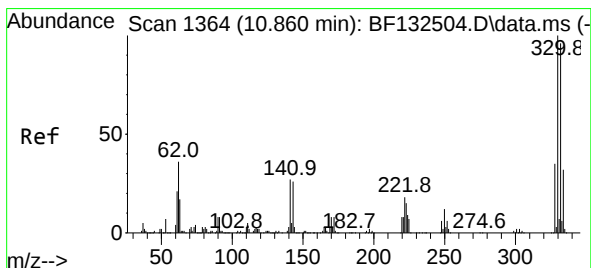
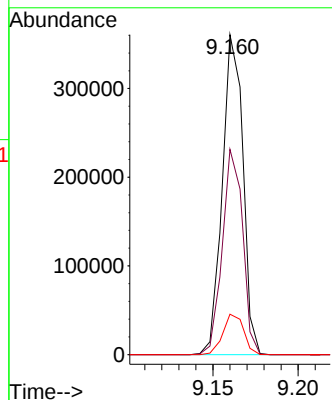
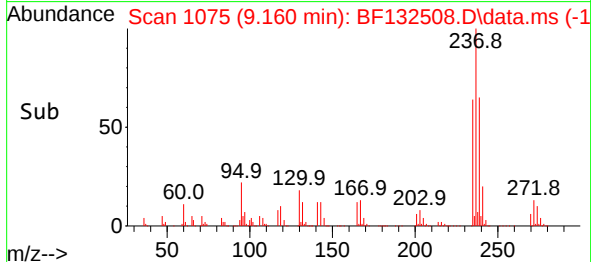
Instrument :
BNA_F
ClientSampleId :
ICVBF022223



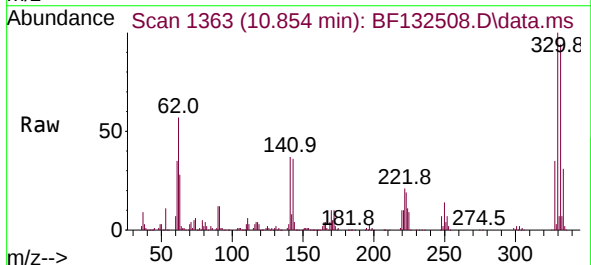
Tgt Ion:237 Resp: 303324
Ion Ratio Lower Upper
237 100
235 64.1 42.4 82.4
272 12.6 0.0 32.7

Manual Integrations
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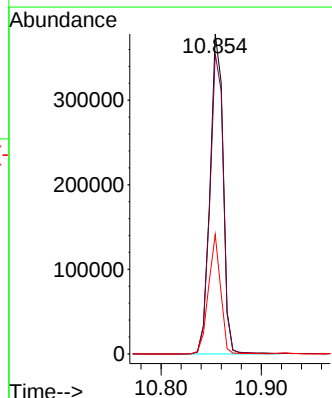
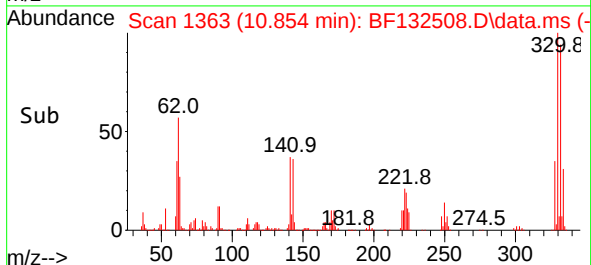
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

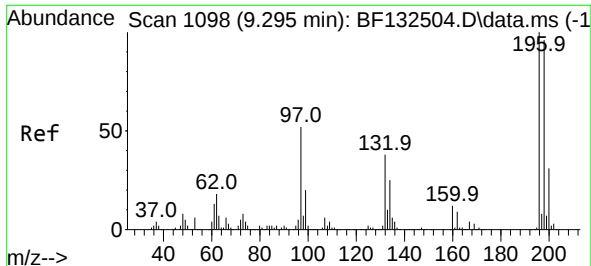


#42
2,4,6-Tribromophenol
Concen: 83.343 ng
RT: 10.854 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30



Tgt Ion:330 Resp: 342580
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 34.6 28.4 42.6





#43

2,4,6-Trichlorophenol

Concen: 42.033 ng

RT: 9.289 min Scan# 1098

Delta R.T. -0.006 min

Lab File: BF132508.D

Acq: 22 Feb 2023 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF022223

Tgt Ion:196 Resp: 354726

Ion Ratio Lower Upper

196 100

198 94.6 77.1 115.7

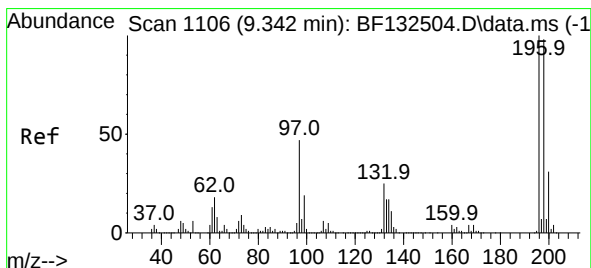
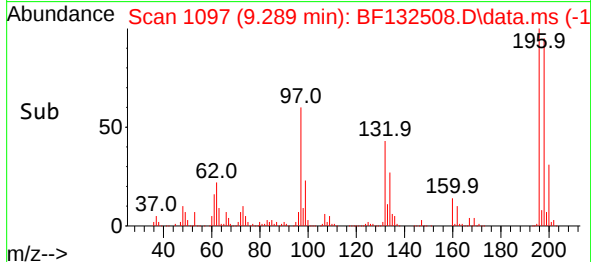
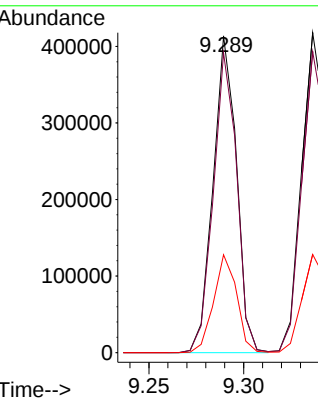
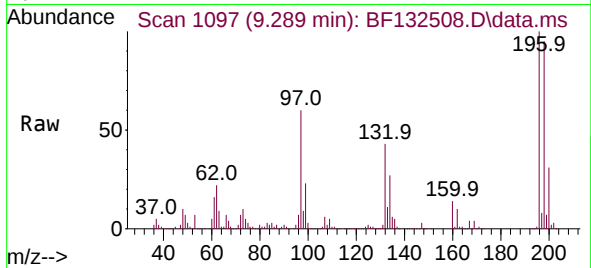
200 30.9 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2023

Supervised By :Jagrut Upadhyay 02/23/2023



#44

2,4,5-Trichlorophenol

Concen: 42.461 ng

RT: 9.336 min Scan# 1105

Delta R.T. -0.006 min

Lab File: BF132508.D

Acq: 22 Feb 2023 16:30

Tgt Ion:196 Resp: 418228

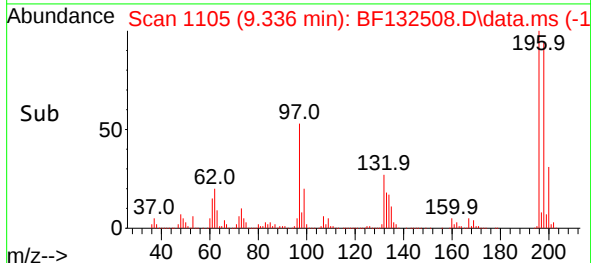
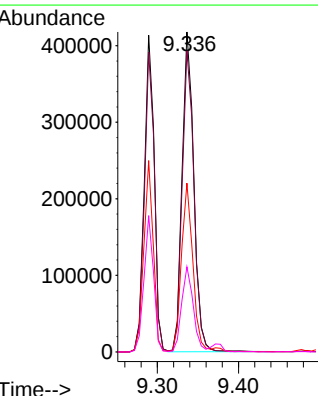
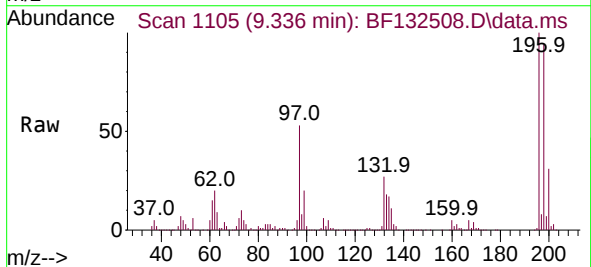
Ion Ratio Lower Upper

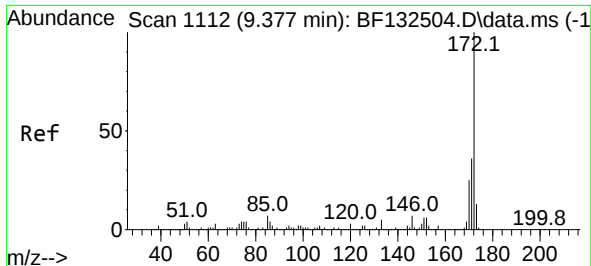
196 100

198 94.1 78.3 117.5

97 52.7 38.1 57.1

132 26.6 20.2 30.4





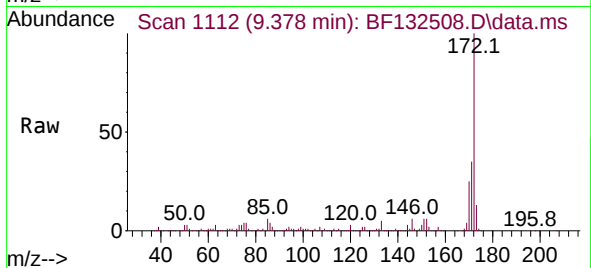
#45
2-Fluorobiphenyl
Concen: 75.424 ng
RT: 9.378 min Scan# 1112
Delta R.T. 0.001 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF022223

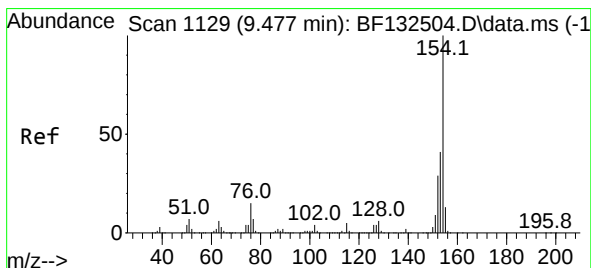
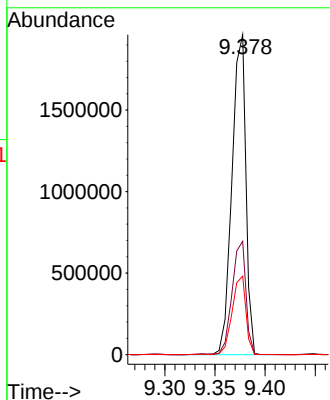
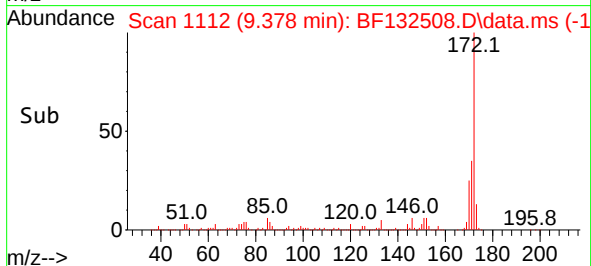


Tgt Ion:172 Resp: 1885350
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 24.5 19.7 29.5

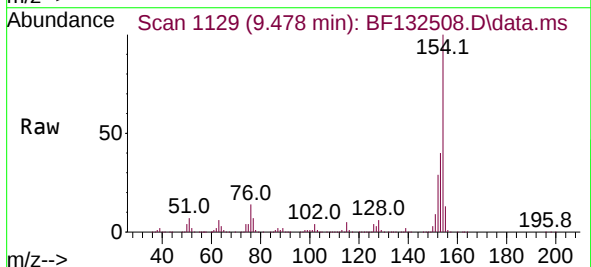
Manual Integrations

APPROVED

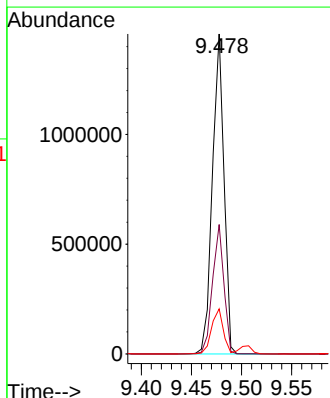
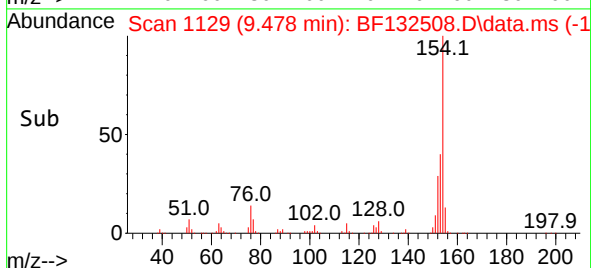
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

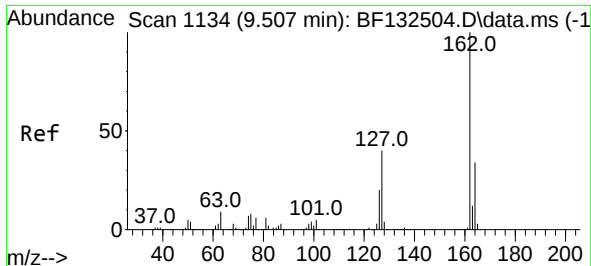


#46
1,1'-Biphenyl
Concen: 40.521 ng
RT: 9.478 min Scan# 1129
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30



Tgt Ion:154 Resp: 1167343
Ion Ratio Lower Upper
154 100
153 40.4 20.9 60.9
76 14.1 0.0 34.7





#47

2-Chloronaphthalene

Concen: 40.814 ng

RT: 9.507 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF132508.D

Acq: 22 Feb 2023 16:30

Instrument :

BNA_F

ClientSampleId :

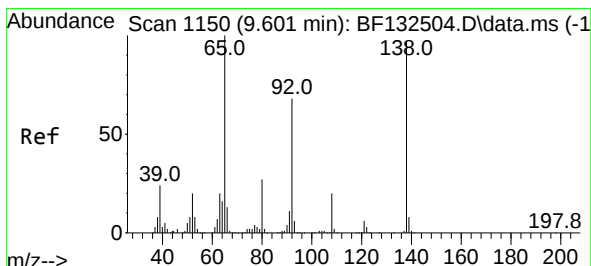
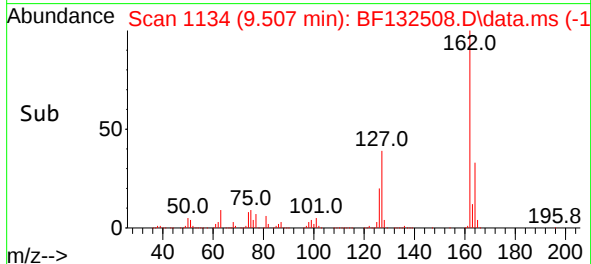
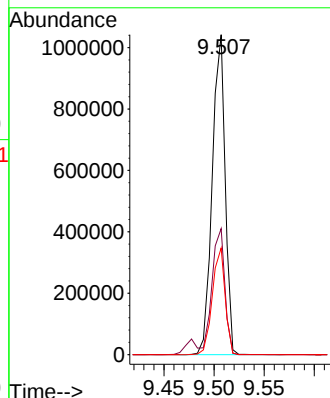
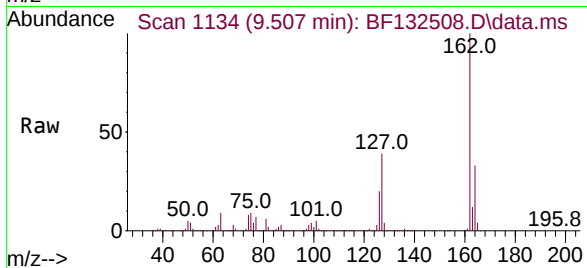
ICVBF022223

Tgt Ion:	162	Resp:	932204
Ion Ratio	Lower	Upper	
162	100		
127	39.4	32.3	48.5
164	33.3	26.9	40.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#48

2-Nitroaniline

Concen: 41.480 ng

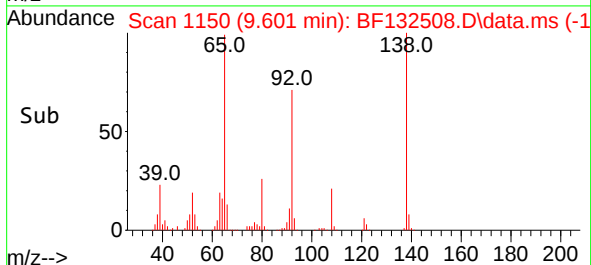
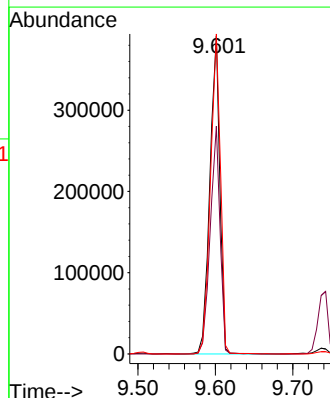
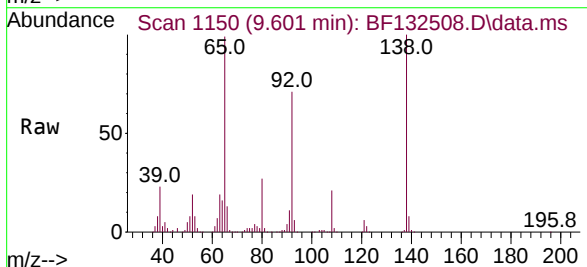
RT: 9.601 min Scan# 1150

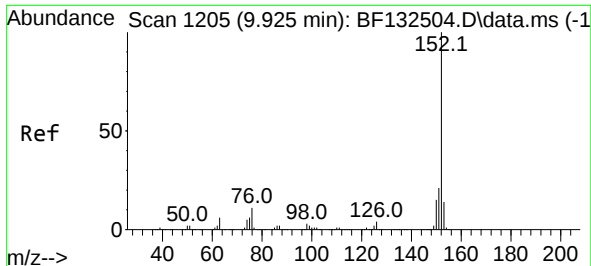
Delta R.T. 0.000 min

Lab File: BF132508.D

Acq: 22 Feb 2023 16:30

Tgt Ion:	65	Resp:	348936
Ion Ratio	Lower	Upper	
65	100		
92	71.7	54.5	81.7
138	100.7	77.2	115.8





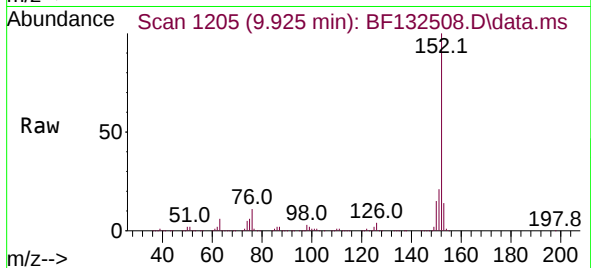
#49
Acenaphthylene
Concen: 40.286 ng
RT: 9.925 min Scan# 1205
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF022223

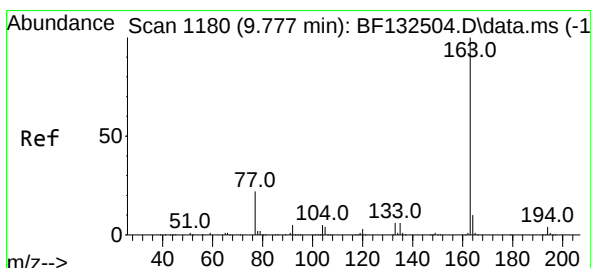
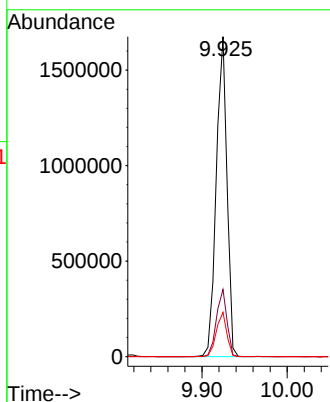
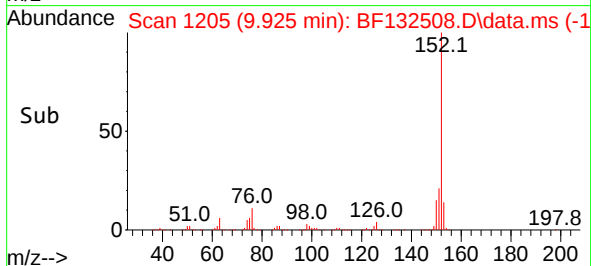


Tgt Ion:152 Resp: 1464433
Ion Ratio Lower Upper
152 100
151 21.0 16.4 24.6
153 13.8 11.0 16.6

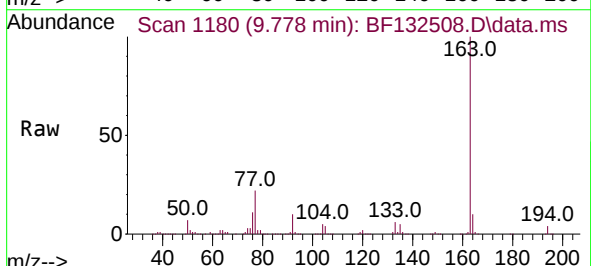
Manual Integrations

APPROVED

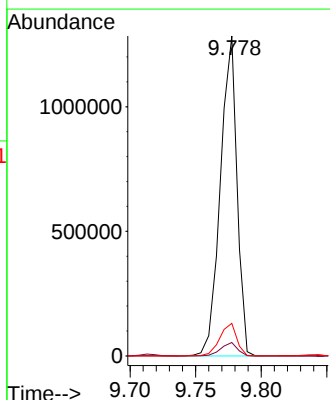
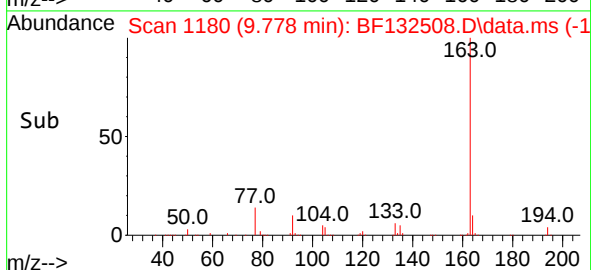
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

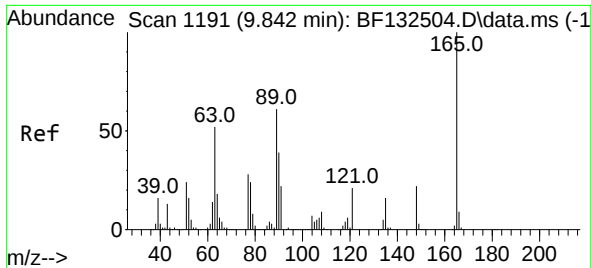


#50
Dimethylphthalate
Concen: 41.063 ng
RT: 9.778 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30



Tgt Ion:163 Resp: 1138019
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.2 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 41.699 ng
RT: 9.842 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

Instrument :

BNA_F

ClientSampleId :

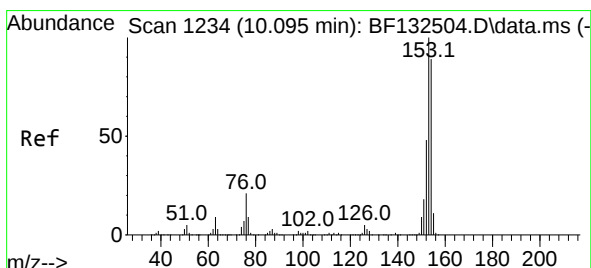
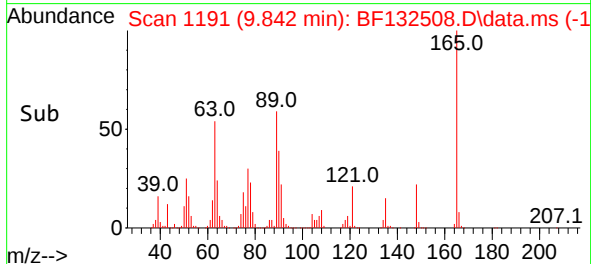
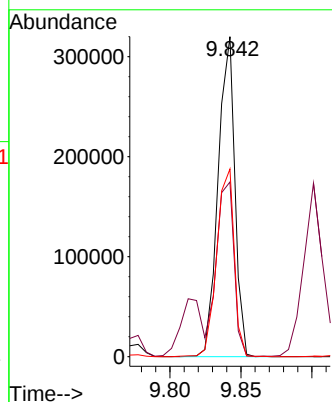
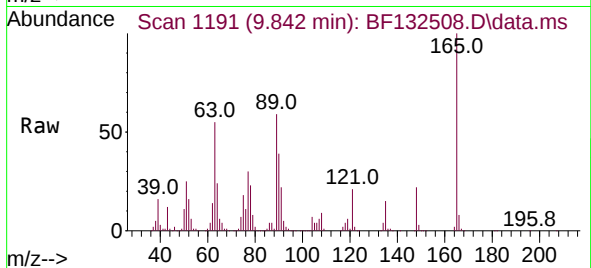
ICVBF022223

Tgt Ion:165 Resp: 263185
Ion Ratio Lower Upper
165 100
63 54.6 47.3 70.9
89 58.6 48.9 73.3

Manual Integrations

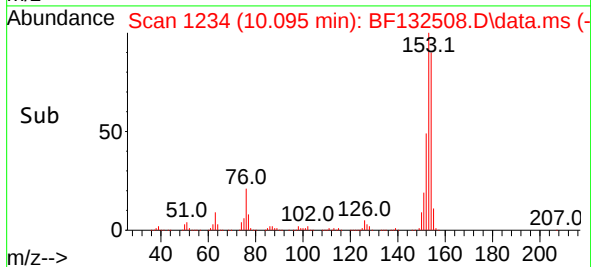
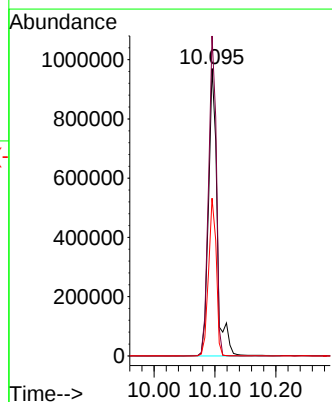
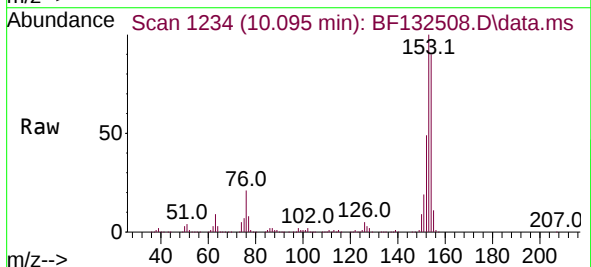
APPROVED

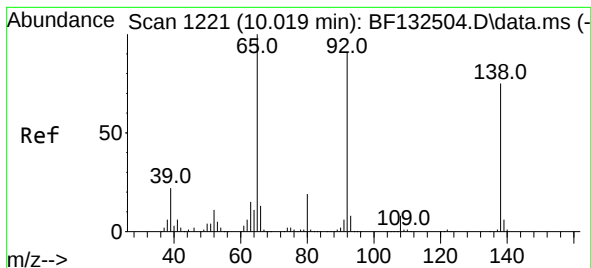
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#52
Acenaphthene
Concen: 41.233 ng
RT: 10.095 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

Tgt Ion:154 Resp: 951752
Ion Ratio Lower Upper
154 100
153 111.3 89.8 134.8
152 54.9 43.3 64.9





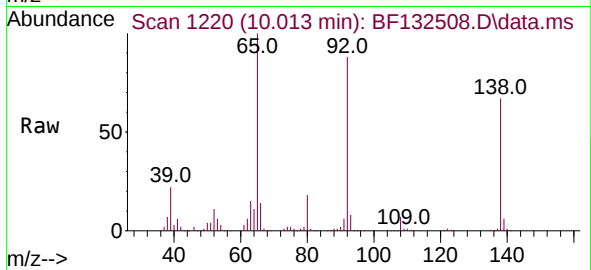
#53
3-Nitroaniline
Concen: 41.955 ng
RT: 10.013 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF022223

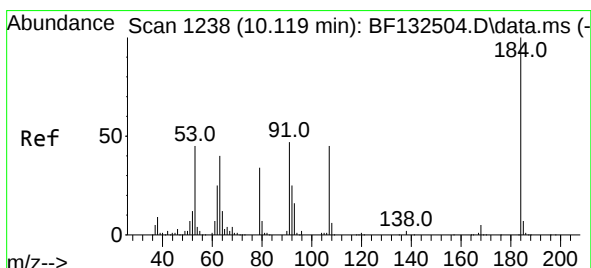
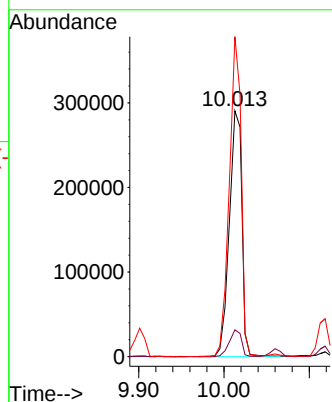
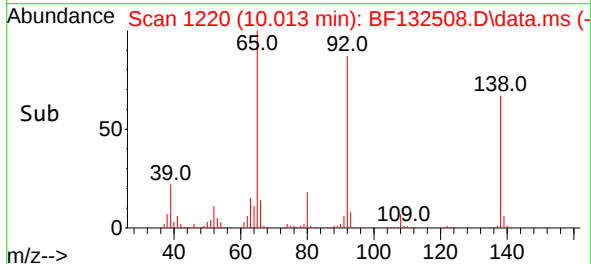


Tgt Ion:138 Resp: 296210
Ion Ratio Lower Upper
138 100
108 10.9 8.1 12.1
92 130.2 97.2 145.8

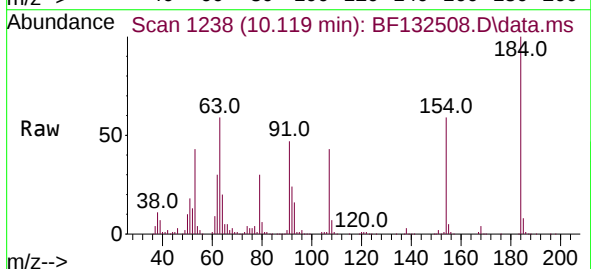
Manual Integrations

APPROVED

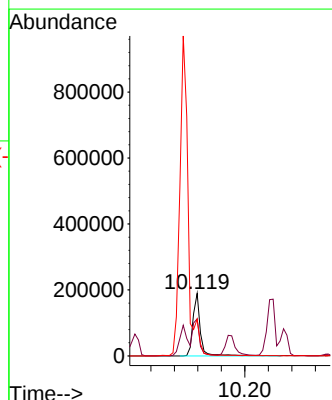
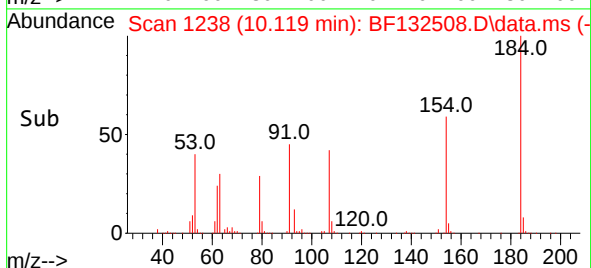
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

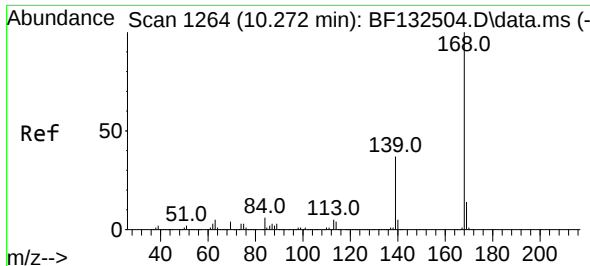


#54
2,4-Dinitrophenol
Concen: 43.060 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30



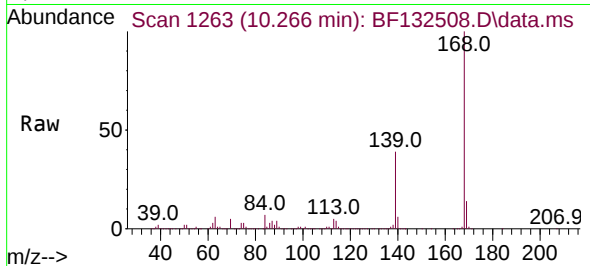
Tgt Ion:184 Resp: 167793
Ion Ratio Lower Upper
184 100
63 59.3 51.4 77.2
154 58.7 48.3 72.5





#55
Dibenzofuran
Concen: 40.704 ng
RT: 10.266 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

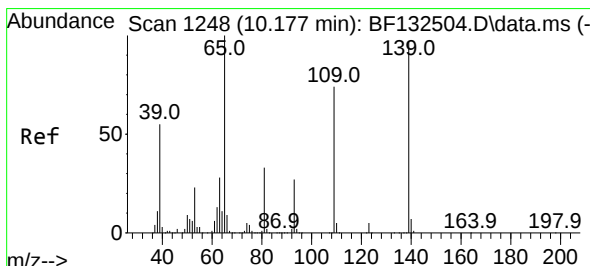
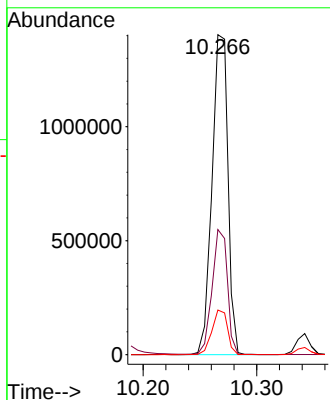
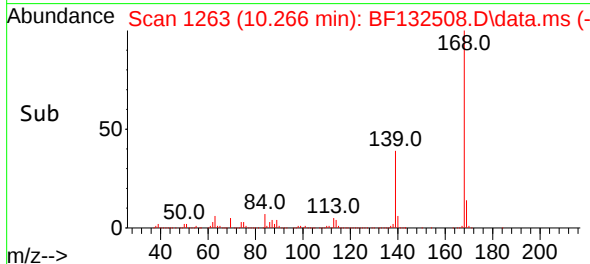
Instrument :
BNA_F
ClientSampleId :
ICVBF022223



Tgt Ion:168 Resp: 1369726
Ion Ratio Lower Upper
168 100
139 39.1 29.8 44.6
169 13.9 10.9 16.3

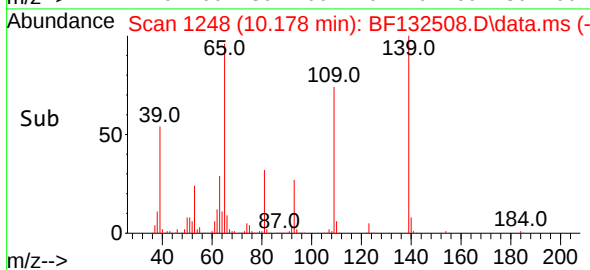
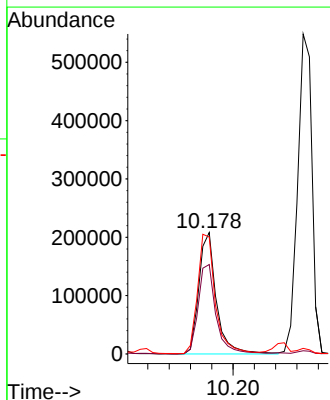
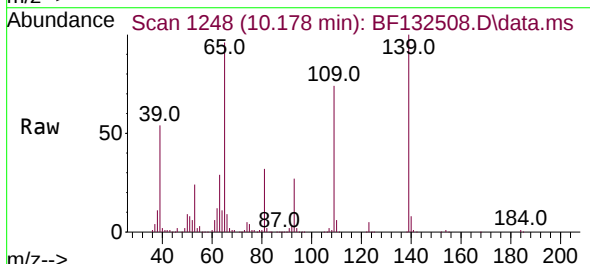
Manual Integrations
APPROVED

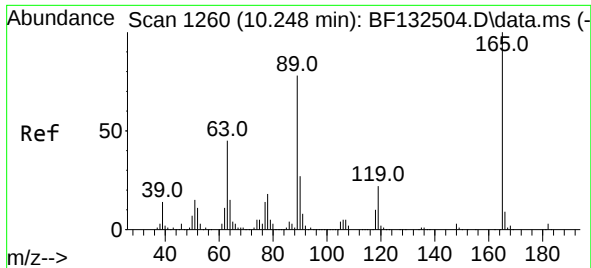
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#56
4-Nitrophenol
Concen: 44.875 ng
RT: 10.178 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

Tgt Ion:139 Resp: 236276
Ion Ratio Lower Upper
139 100
109 73.6 56.7 96.7
65 96.3 83.5 123.5





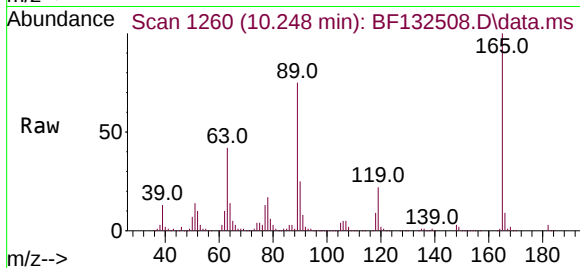
#57
2,4-Dinitrotoluene
Concen: 41.728 ng
RT: 10.248 min Scan# 1260
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF022223

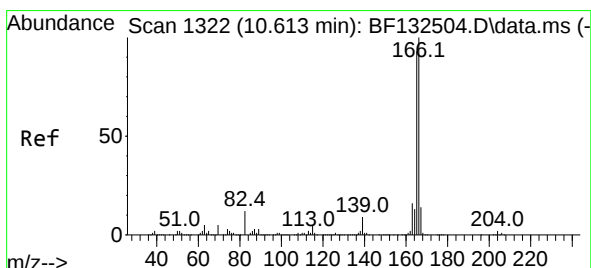
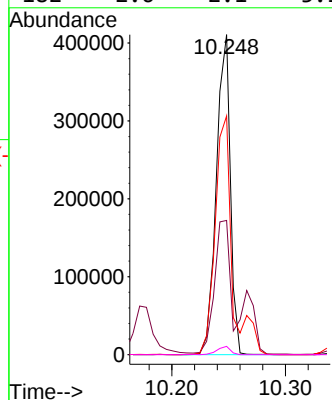
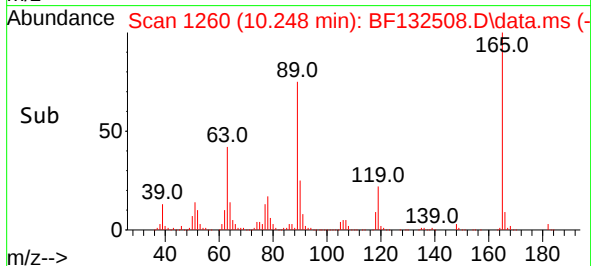


Tgt Ion:165 Resp: 350379
Ion Ratio Lower Upper
165 100
63 41.9 36.5 54.7
89 74.6 62.4 93.6
182 2.6 2.1 3.1

Manual Integrations

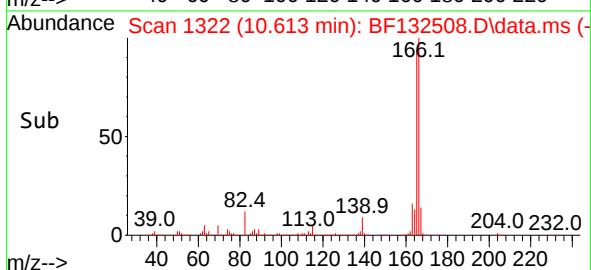
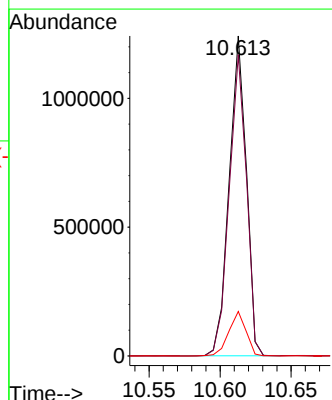
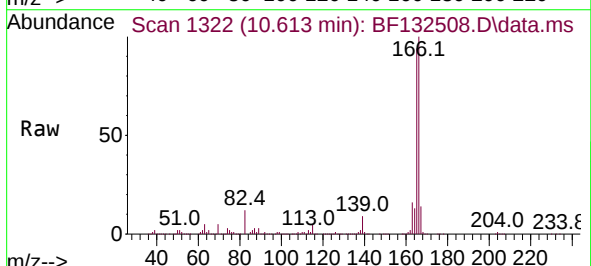
APPROVED

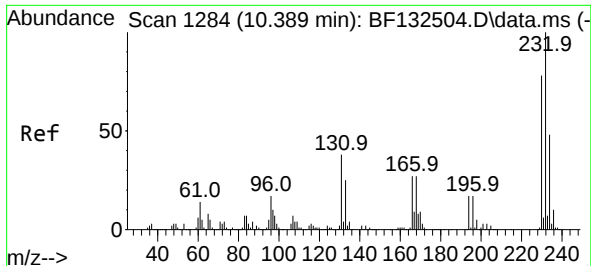
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#58
Fluorene
Concen: 40.485 ng
RT: 10.613 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

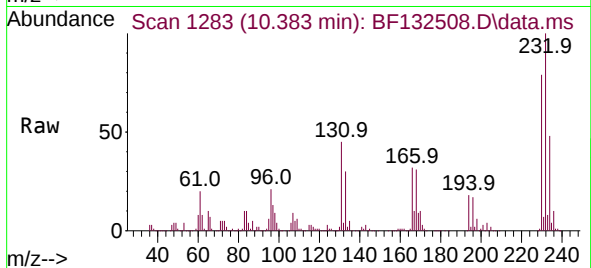
Tgt Ion:166 Resp: 1042063
Ion Ratio Lower Upper
166 100
165 94.1 74.2 111.4
167 13.9 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.281 ng
RT: 10.383 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

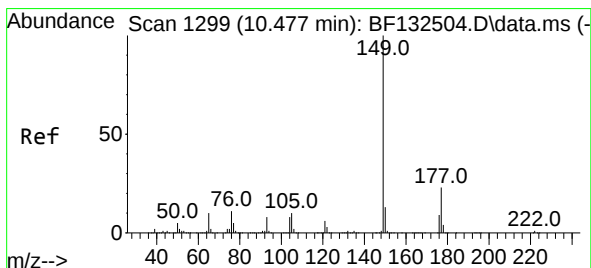
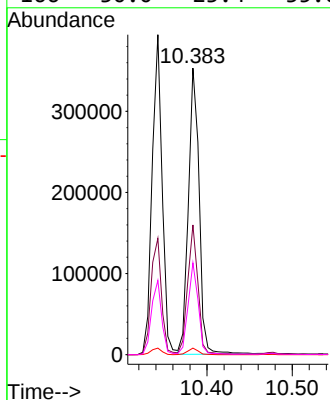
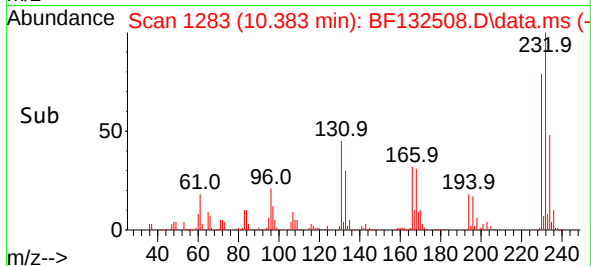
Instrument :
BNA_F
ClientSampleId :
ICVBF022223



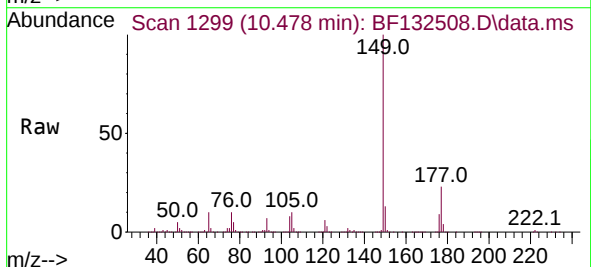
Tgt Ion:232 Resp: 309359
Ion Ratio Lower Upper
232 100
131 42.8 33.8 50.8
130 2.2 1.7 2.5
166 30.0 23.4 35.0

Manual Integrations
APPROVED

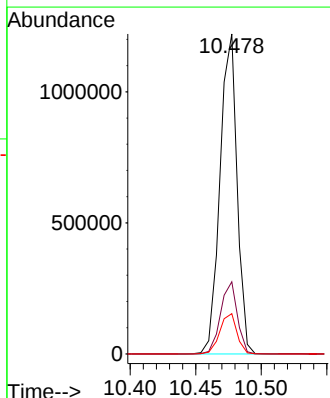
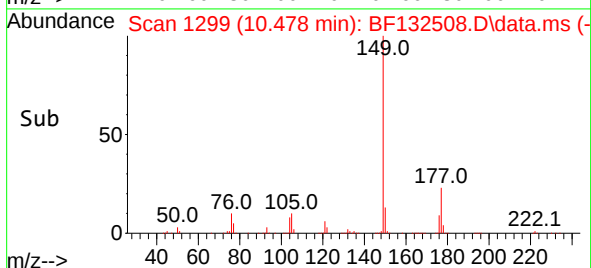
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

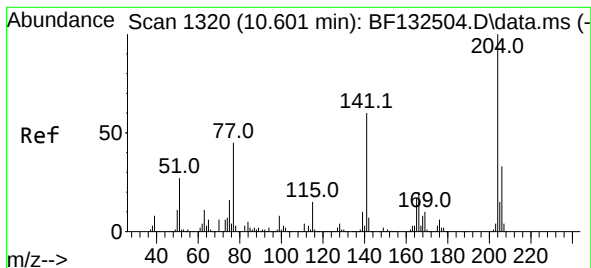


#60
Diethylphthalate
Concen: 40.957 ng
RT: 10.478 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30



Tgt Ion:149 Resp: 1108562
Ion Ratio Lower Upper
149 100
177 22.6 18.1 27.1
150 12.6 10.2 15.2





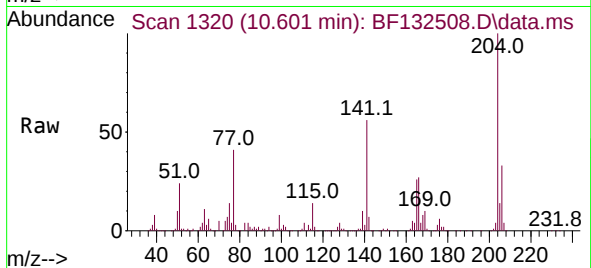
#61
4-Chlorophenyl-phenylether
Concen: 40.887 ng
RT: 10.601 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF022223

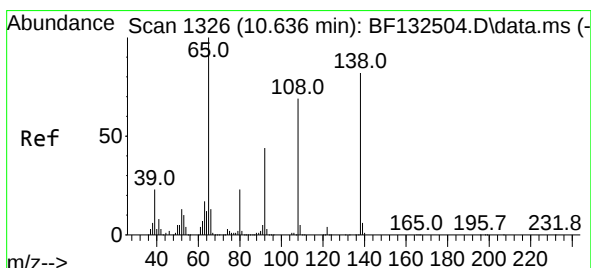
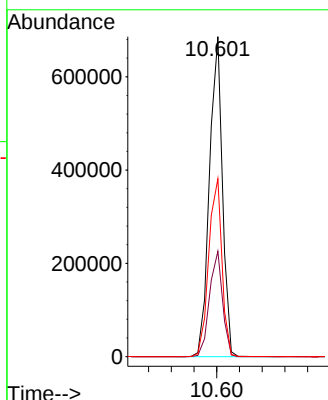
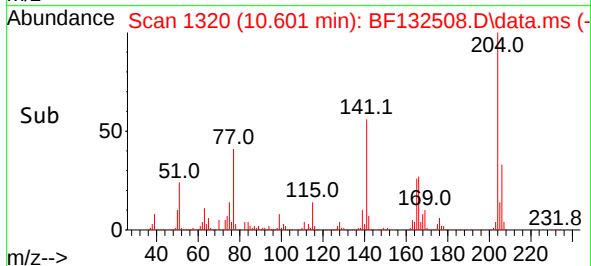


Tgt Ion:204 Resp: 545960
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 55.6 47.8 71.8

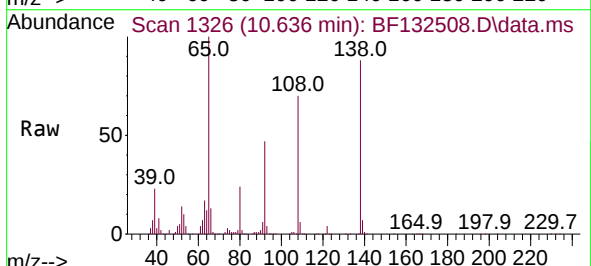
Manual Integrations

APPROVED

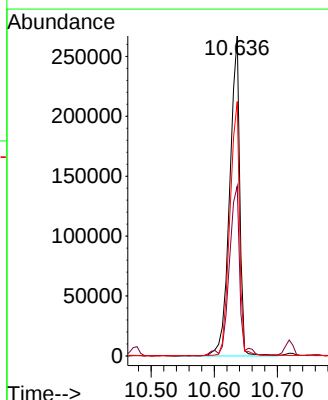
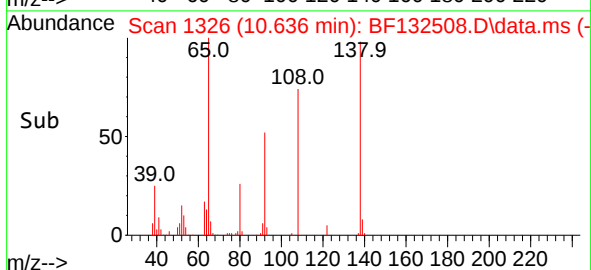
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

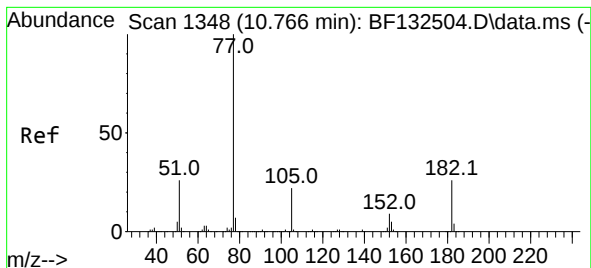


#62
4-Nitroaniline
Concen: 42.694 ng
RT: 10.636 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30



Tgt Ion:138 Resp: 295887
Ion Ratio Lower Upper
138 100
92 53.1 33.8 73.8
108 79.5 63.7 103.7





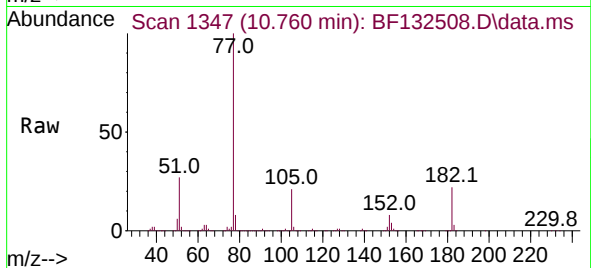
#63
Azobenzene
Concen: 41.542 ng
RT: 10.760 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF022223

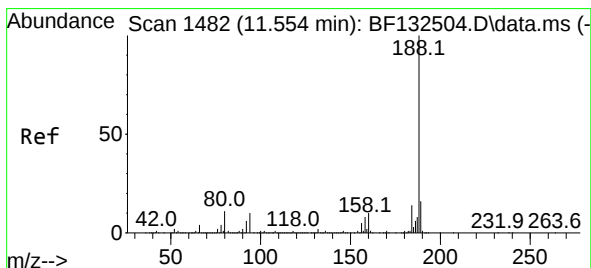
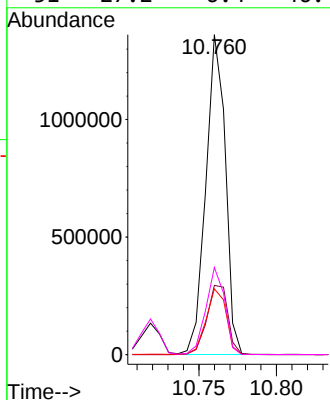
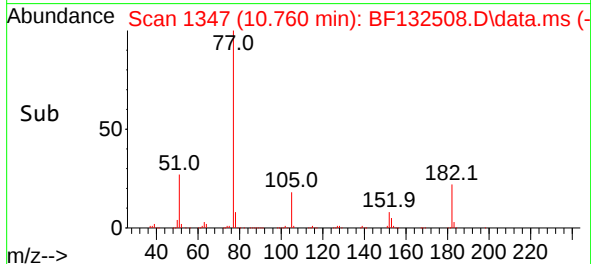


Tgt Ion: 77 Resp: 1190799
Ion Ratio Lower Upper
77 100
182 21.6 5.5 45.5
105 20.5 1.8 41.8
51 27.2 6.4 46.4

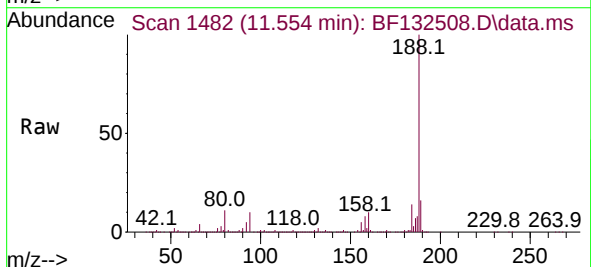
Manual Integrations

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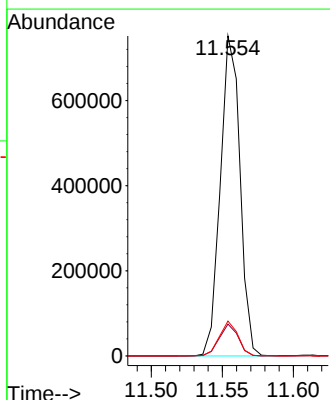
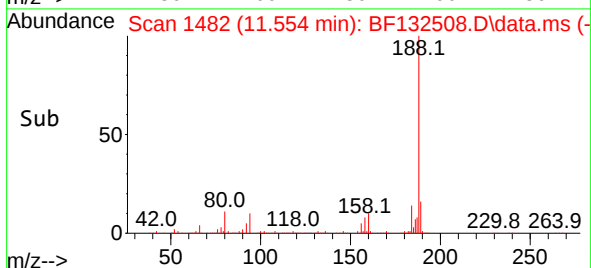
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

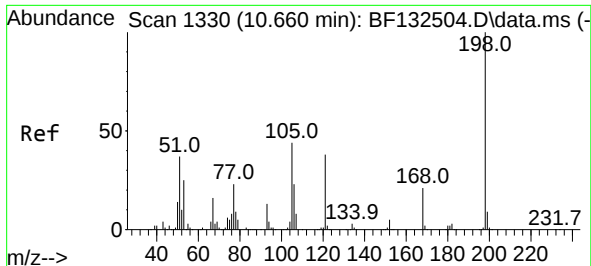


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.554 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30



Tgt Ion:188 Resp: 725553
Ion Ratio Lower Upper
188 100
94 9.9 8.3 12.5
80 10.9 8.7 13.1





#65
4,6-Dinitro-2-methylphenol
Concen: 45.373 ng
RT: 10.660 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

Instrument :

BNA_F

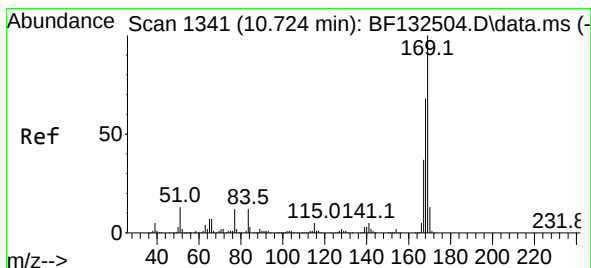
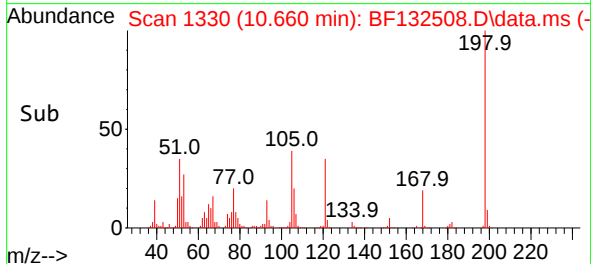
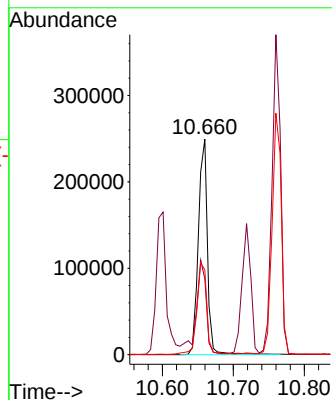
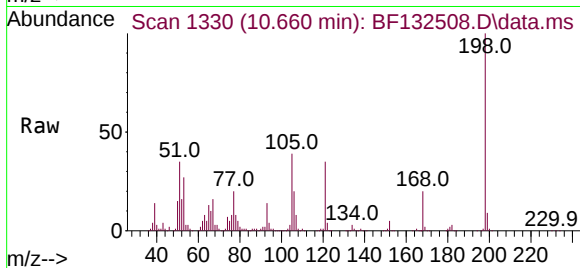
ClientSampleId :

ICVBF022223

Tgt Ion:198 Resp: 222856
Ion Ratio Lower Upper
198 100
51 35.2 20.6 60.6
105 39.3 24.3 64.3

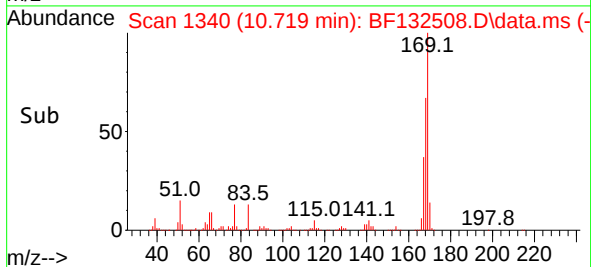
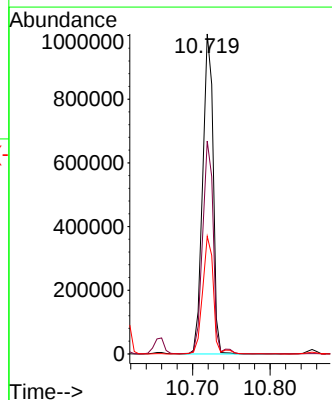
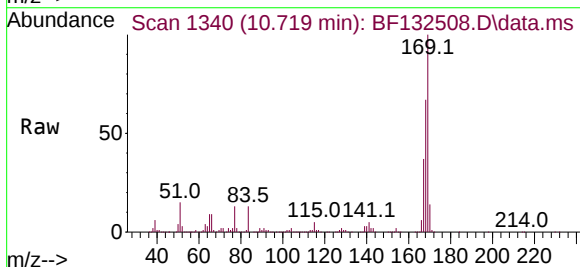
Manual Integrations
APPROVED

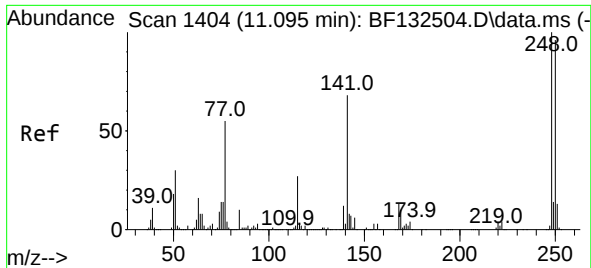
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#66
n-Nitrosodiphenylamine
Concen: 41.526 ng
RT: 10.719 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

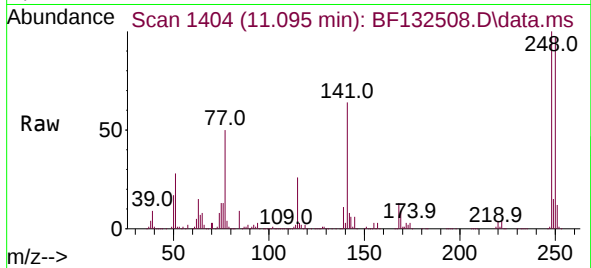
Tgt Ion:169 Resp: 939300
Ion Ratio Lower Upper
169 100
168 66.5 54.2 81.4
167 36.7 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 41.780 ng
RT: 11.095 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

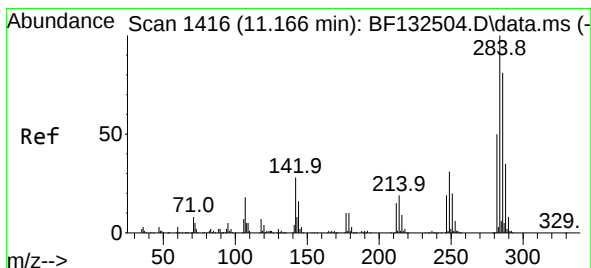
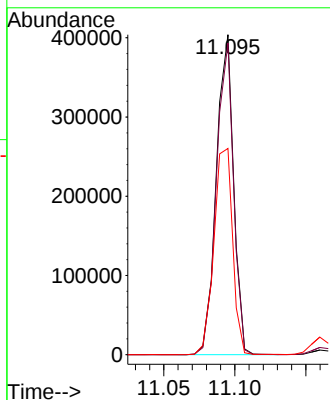
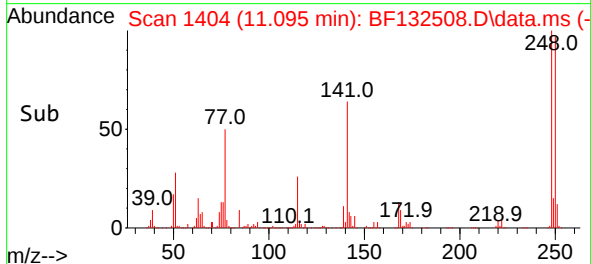
Instrument :
BNA_F
ClientSampleId :
ICVBF022223



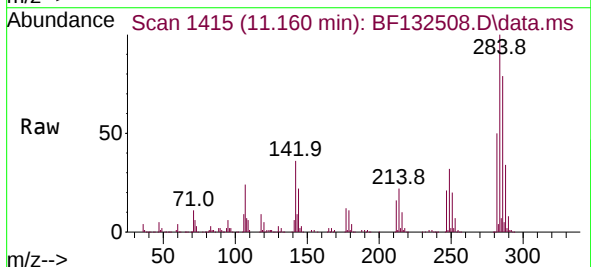
Tgt Ion:248 Resp: 342897
Ion Ratio Lower Upper
248 100
250 97.4 77.0 115.4
141 64.4 54.2 81.2

Manual Integrations
APPROVED

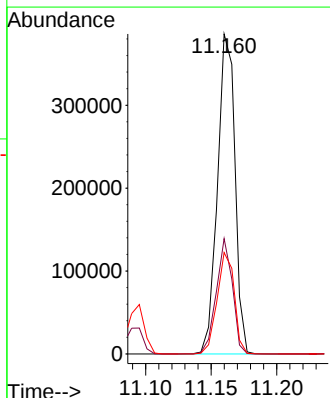
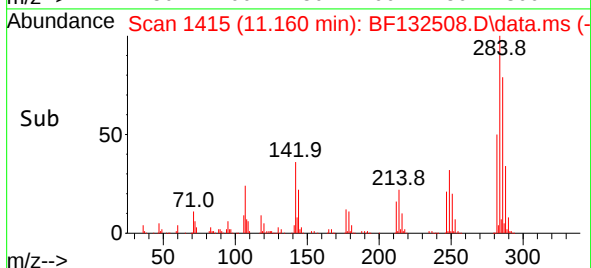
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

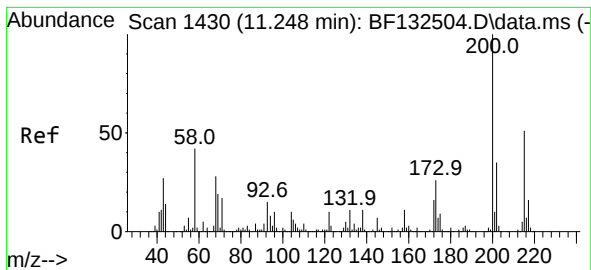


#68
Hexachlorobenzene
Concen: 41.499 ng
RT: 11.160 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30



Tgt Ion:284 Resp: 358374
Ion Ratio Lower Upper
284 100
142 36.0 22.2 33.4#
249 31.7 24.9 37.3





#69

Atrazine

Concen: 41.749 ng

RT: 11.242 min Scan# 1430

Delta R.T. -0.006 min

Lab File: BF132508.D

Acq: 22 Feb 2023 16:30

Instrument :

BNA_F

ClientSampleId :

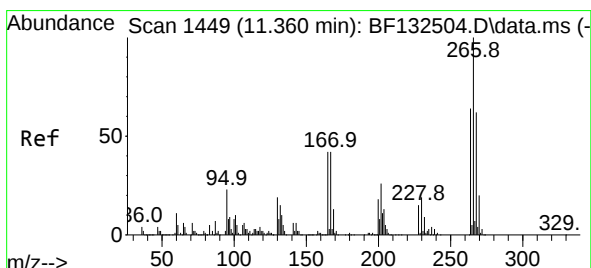
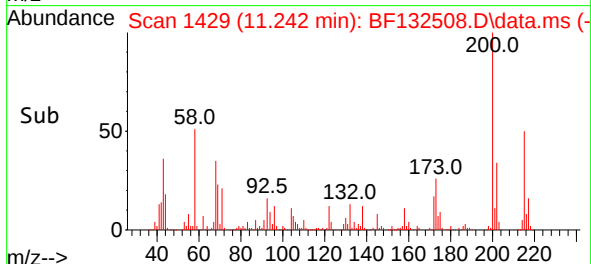
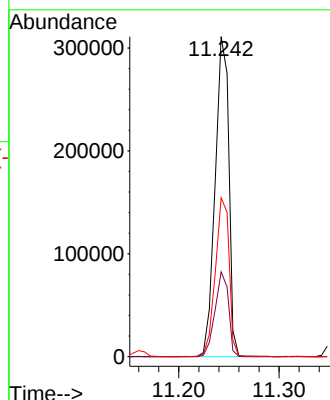
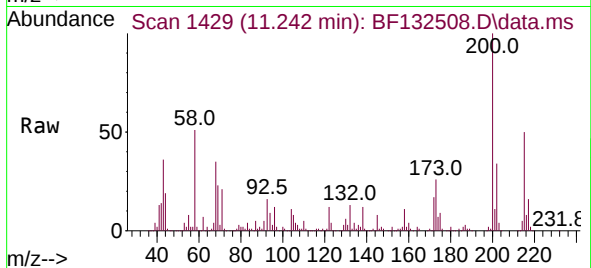
ICVBF022223

Tgt Ion:200 Resp: 294815
 Ion Ratio Lower Upper
 200 100
 173 26.5 6.4 46.4
 215 49.6 31.0 71.0

Manual Integrations

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Reviewed By :Christian Giraldo 02/23/2023
 Supervised By :Jagrut Upadhyay 02/23/2023



#70

Pentachlorophenol

Concen: 43.593 ng

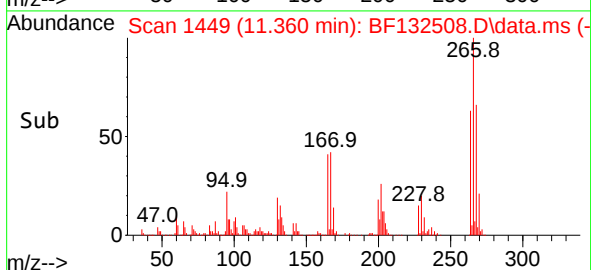
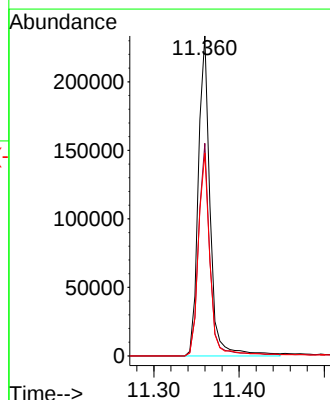
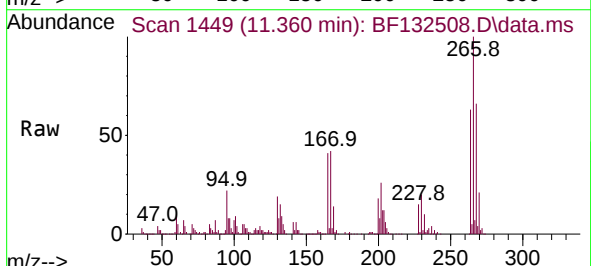
RT: 11.360 min Scan# 1449

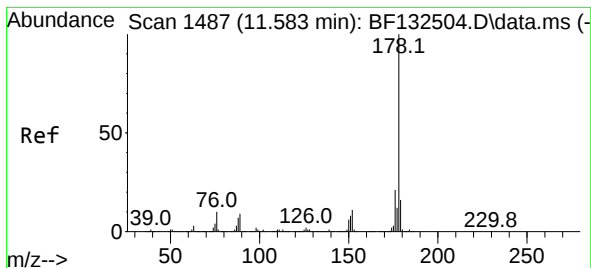
Delta R.T. -0.000 min

Lab File: BF132508.D

Acq: 22 Feb 2023 16:30

Tgt Ion:266 Resp: 223979
 Ion Ratio Lower Upper
 266 100
 268 66.4 49.8 74.6
 264 63.4 50.9 76.3





#71

Phenanthrene

Concen: 40.521 ng

RT: 11.583 min Scan# 1487

Delta R.T. 0.000 min

Lab File: BF132508.D

Acq: 22 Feb 2023 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF022223

Tgt Ion:178 Resp: 1523086

Ion Ratio Lower Upper

178 100

176 20.2 16.5 24.7

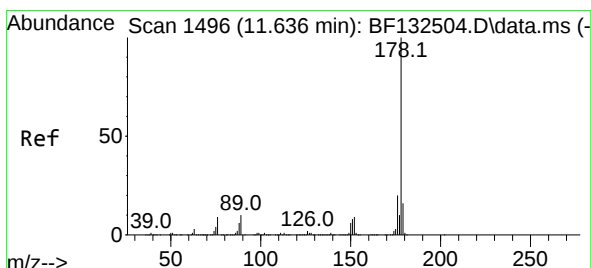
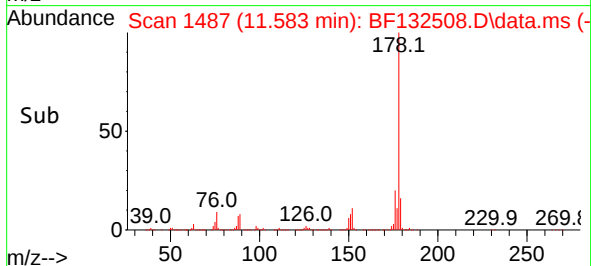
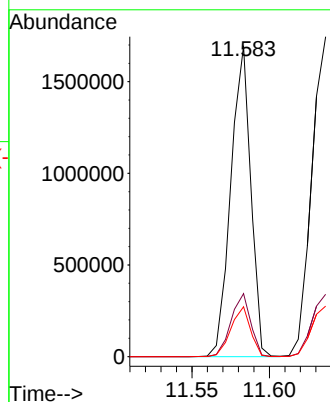
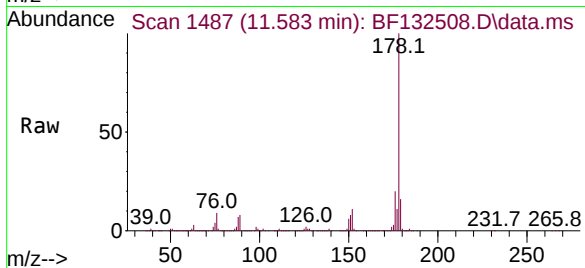
179 16.1 13.0 19.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2023

Supervised By :Jagrut Upadhyay 02/23/2023



#72

Anthracene

Concen: 40.636 ng

RT: 11.636 min Scan# 1496

Delta R.T. 0.000 min

Lab File: BF132508.D

Acq: 22 Feb 2023 16:30

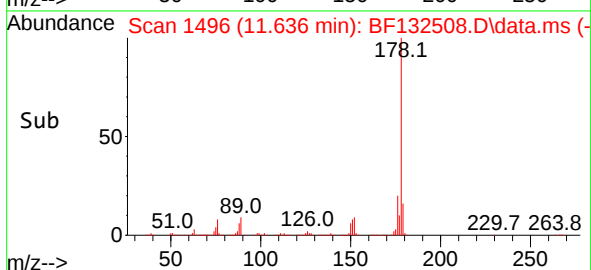
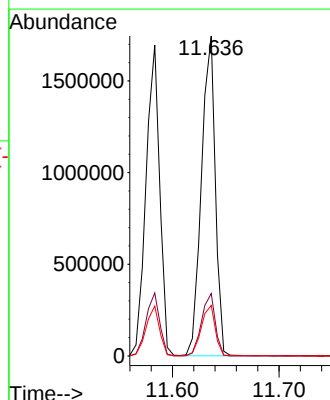
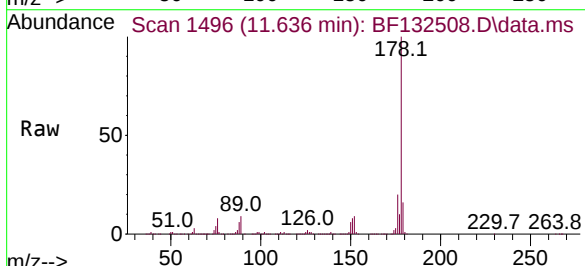
Tgt Ion:178 Resp: 1572866

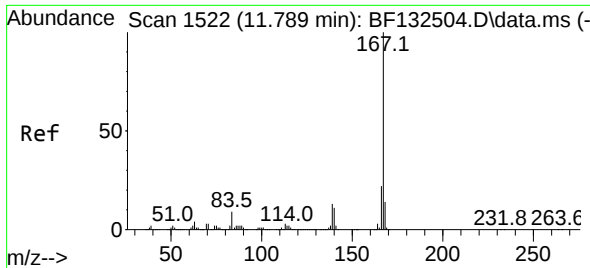
Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

179 15.8 12.5 18.7





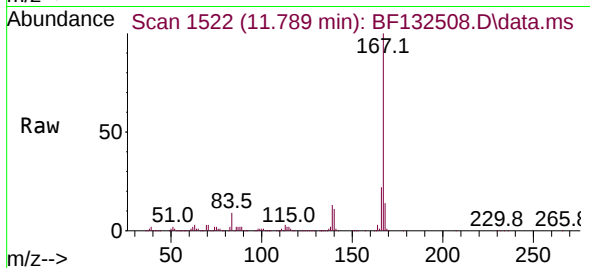
#73
 Carbazole
 Concen: 40.639 ng
 RT: 11.789 min Scan# 1522
 Delta R.T. 0.000 min
 Lab File: BF132508.D
 Acq: 22 Feb 2023 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF022223

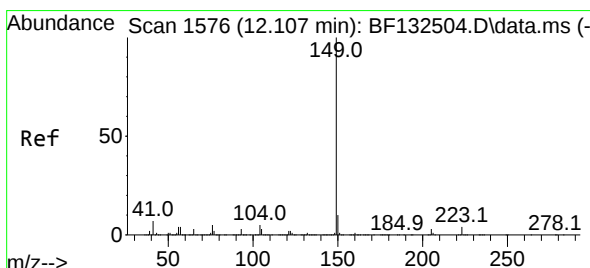
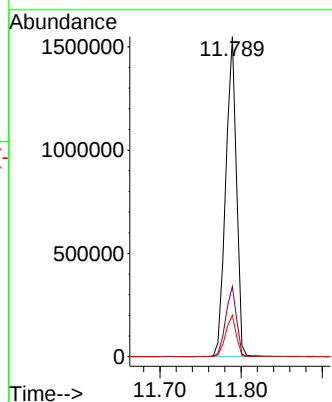
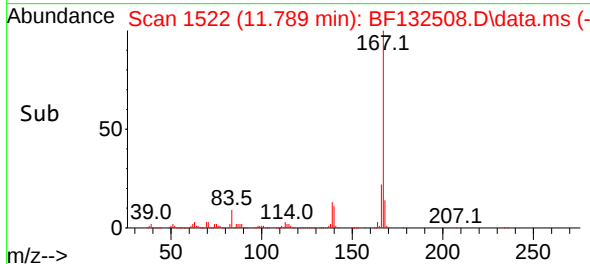


Tgt Ion:167 Resp: 1418207
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.7 26.5
 139 12.9 10.5 15.7

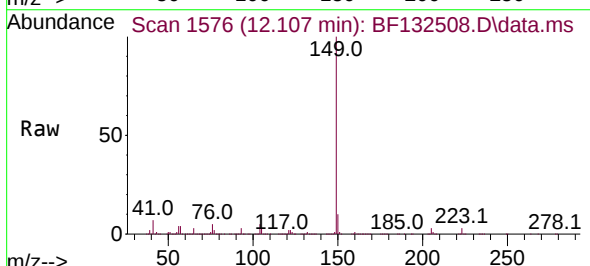
Manual Integrations

APPROVED

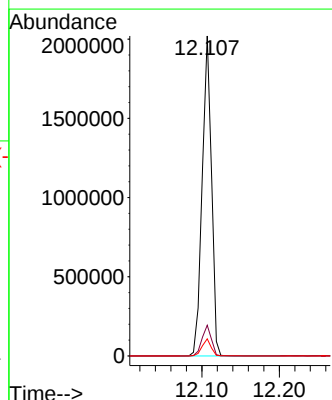
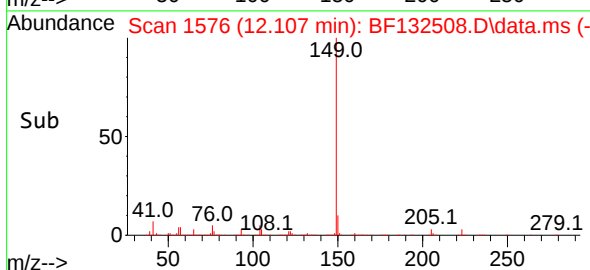
Reviewed By :Christian Giraldo 02/23/2023
 Supervised By :Jagrut Upadhyay 02/23/2023

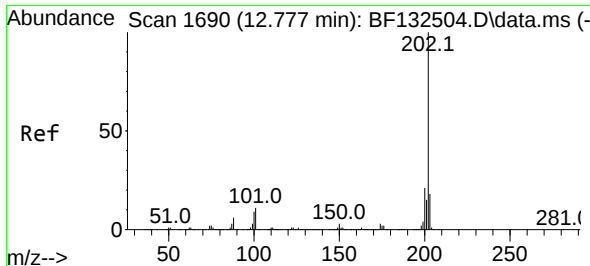


#74
 Di-n-butylphthalate
 Concen: 41.062 ng
 RT: 12.107 min Scan# 1576
 Delta R.T. 0.000 min
 Lab File: BF132508.D
 Acq: 22 Feb 2023 16:30



Tgt Ion:149 Resp: 1680883
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.8
 104 5.4 4.3 6.5





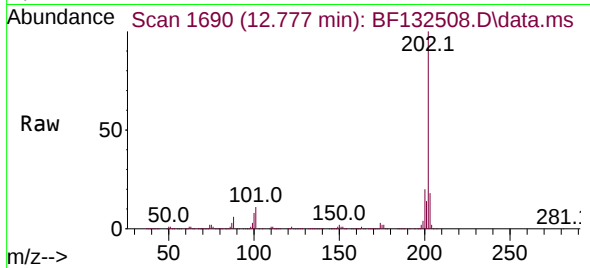
#75
Fluoranthene
Concen: 40.736 ng
RT: 12.777 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF022223

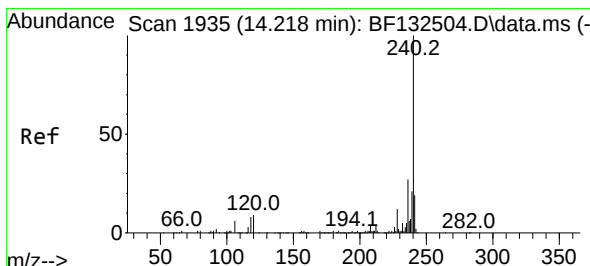
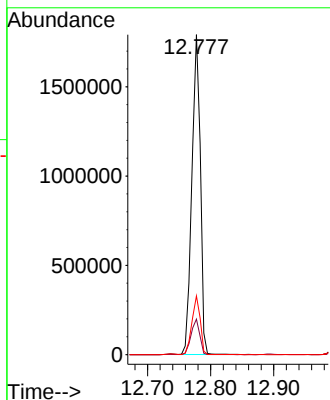
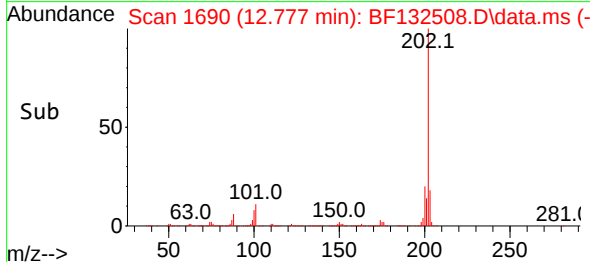


Tgt Ion:202 Resp: 1673850
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.4
203 18.3 0.0 38.0

Manual Integrations

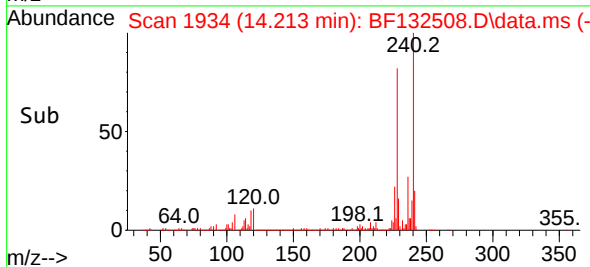
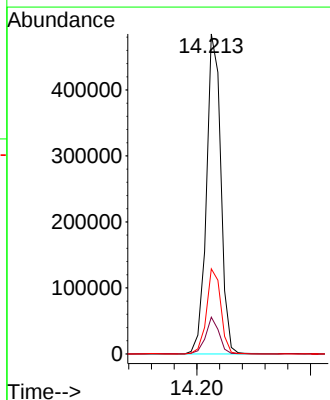
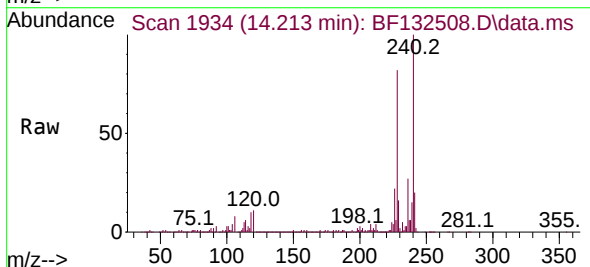
APPROVED

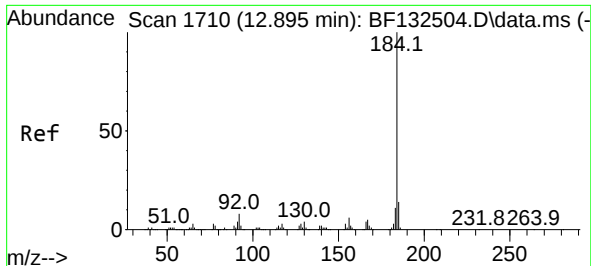
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.213 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

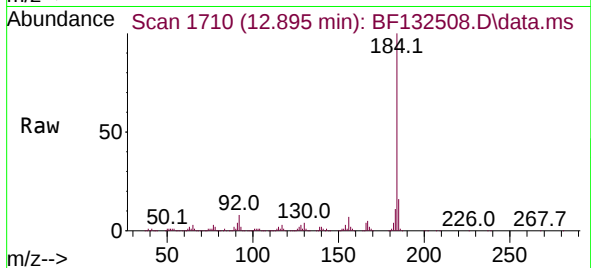
Tgt Ion:240 Resp: 426607
Ion Ratio Lower Upper
240 100
120 11.5 7.2 10.8#
236 26.6 21.8 32.6





#77
Benzidine
Concen: 43.193 ng
RT: 12.895 min Scan# 1710
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

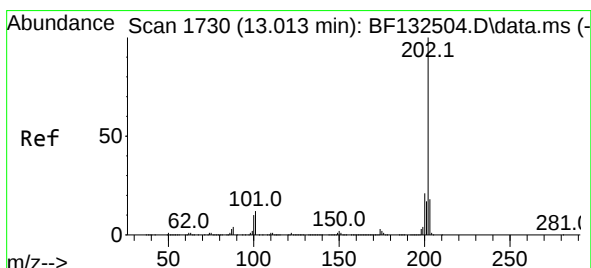
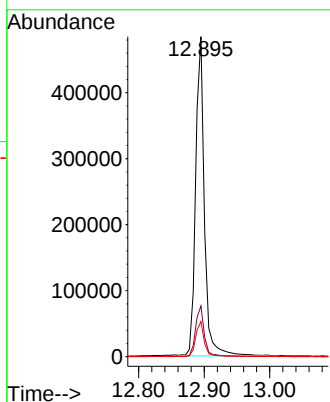
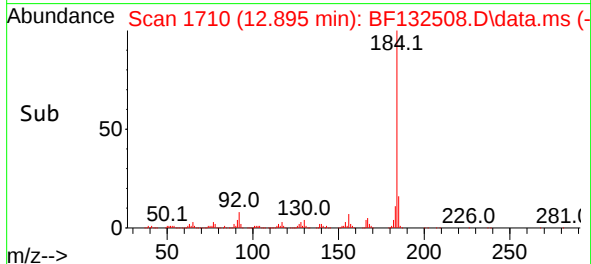
Instrument :
BNA_F
ClientSampleId :
ICVBF022223



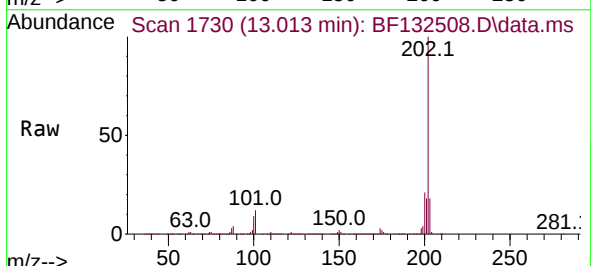
Tgt Ion:184 Resp: 448548
Ion Ratio Lower Upper
184 100
185 15.8 11.7 17.5
183 11.0 8.7 13.1

Manual Integrations
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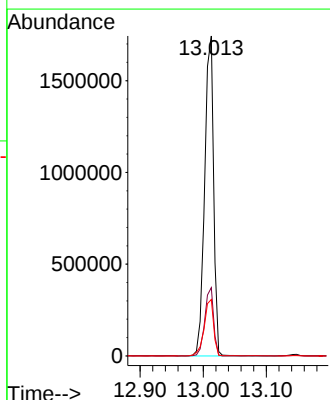
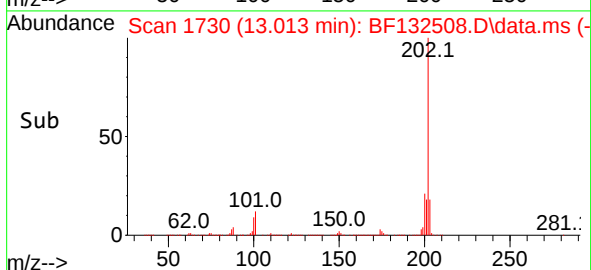
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

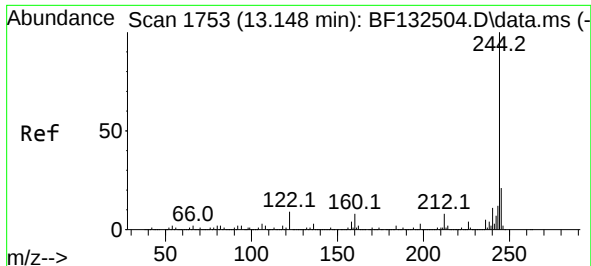


#78
Pyrene
Concen: 44.104 ng
RT: 13.013 min Scan# 1730
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30



Tgt Ion:202 Resp: 1710620
Ion Ratio Lower Upper
202 100
200 21.3 17.1 25.7
203 17.6 14.6 21.8





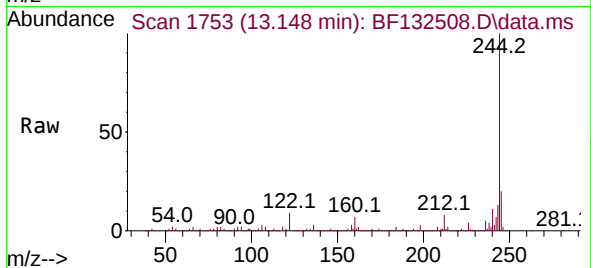
#79
Terphenyl-d14
Concen: 84.851 ng
RT: 13.148 min Scan# 1753
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF022223

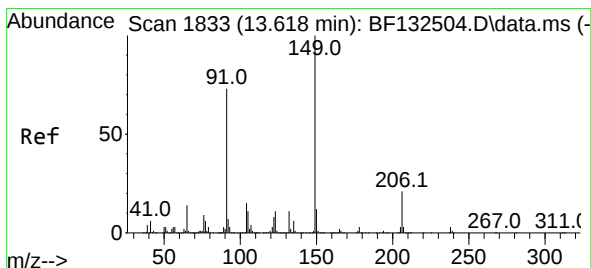
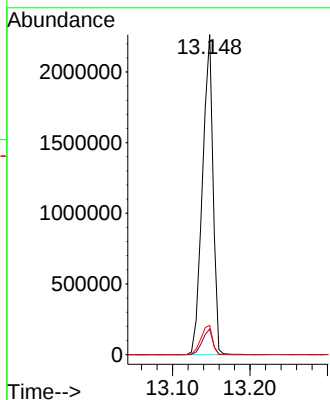
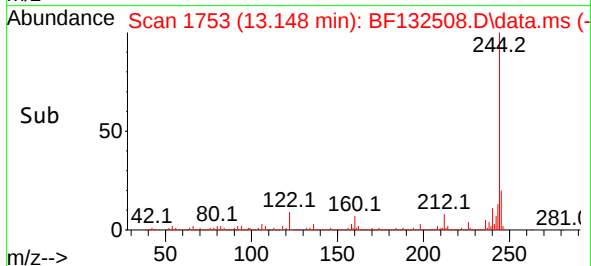


Tgt Ion:244 Resp: 2140949
Ion Ratio Lower Upper
244 100
212 8.0 6.5 9.7
122 9.1 7.5 11.3

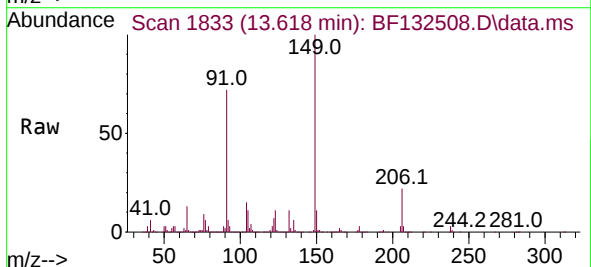
Manual Integrations

APPROVED

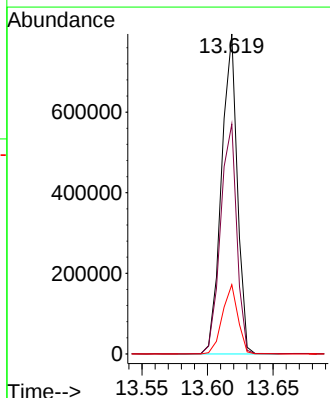
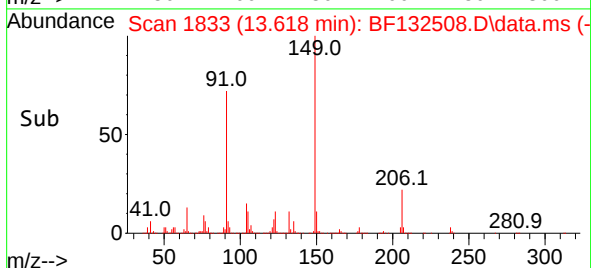
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

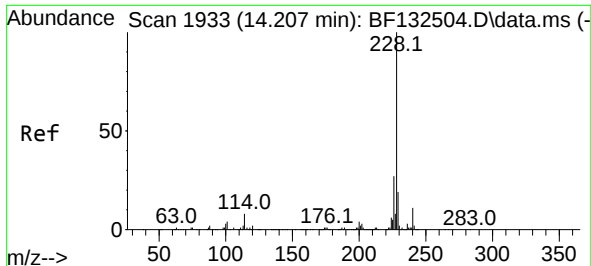


#80
Butylbenzylphthalate
Concen: 43.718 ng
RT: 13.618 min Scan# 1833
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30



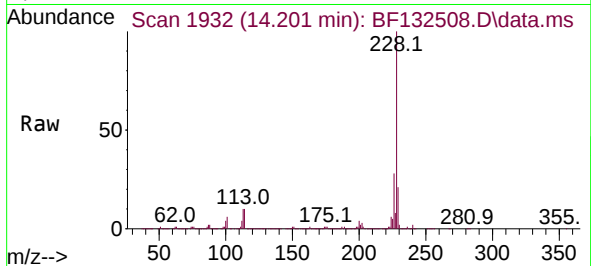
Tgt Ion:149 Resp: 669133
Ion Ratio Lower Upper
149 100
91 71.8 58.4 87.6
206 21.7 16.8 25.2





#81
Benzo(a)anthracene
Concen: 42.009 ng
RT: 14.201 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

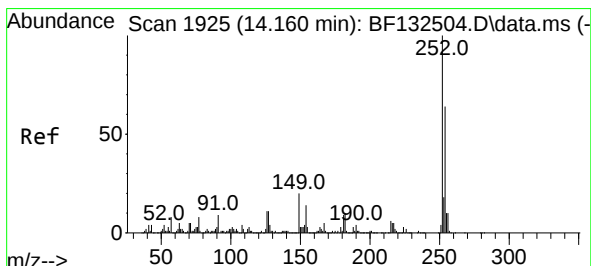
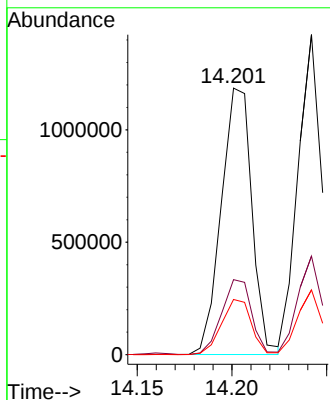
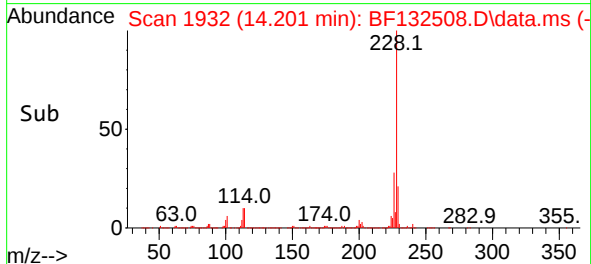
Instrument :
BNA_F
ClientSampleId :
ICVBF022223



Tgt Ion:228 Resp: 1340933
Ion Ratio Lower Upper
228 100
226 28.1 21.7 32.5
229 20.7 15.4 23.2

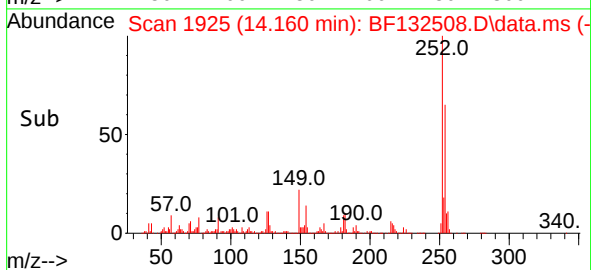
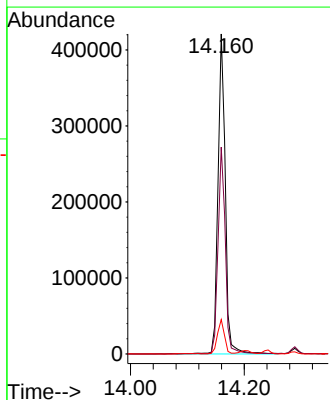
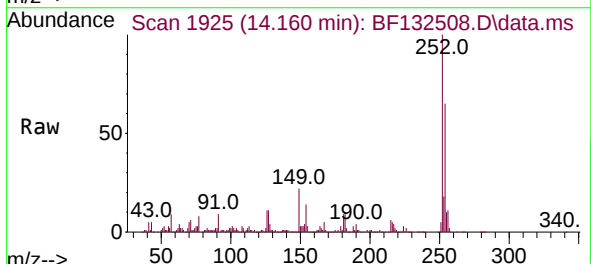
Manual Integrations
APPROVED

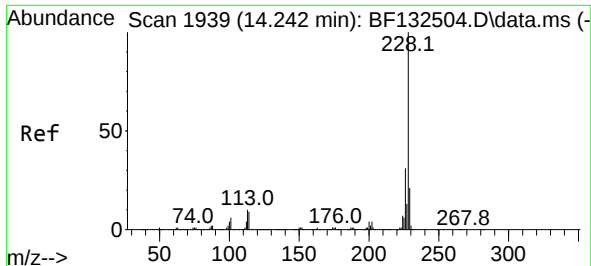
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#82
3,3'-Dichlorobenzidine
Concen: 39.766 ng
RT: 14.160 min Scan# 1925
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

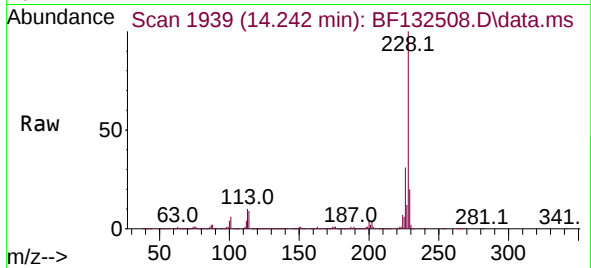
Tgt Ion:252 Resp: 374216
Ion Ratio Lower Upper
252 100
254 64.6 51.4 77.2
126 10.7 8.9 13.3





#83
Chrysene
Concen: 41.208 ng
RT: 14.242 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

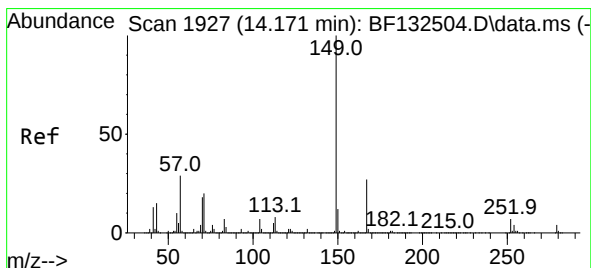
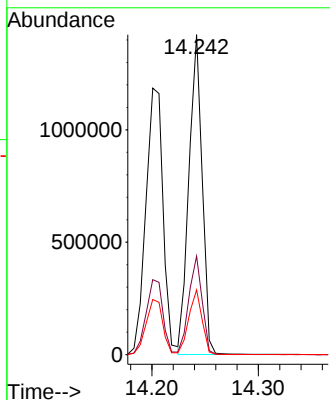
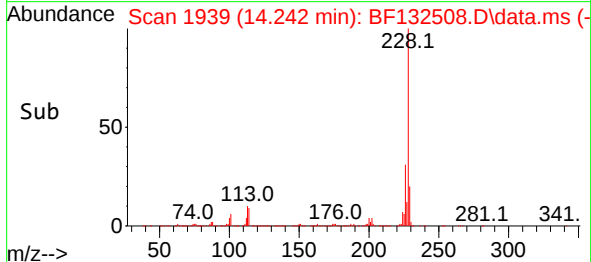
Instrument :
BNA_F
ClientSampleId :
ICVBF022223



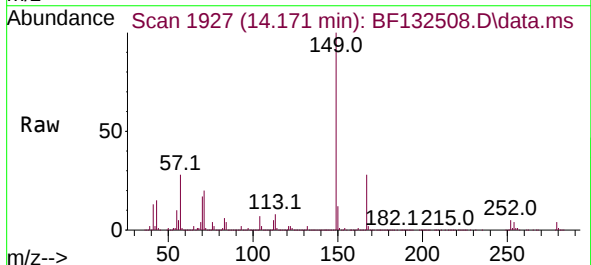
Tgt Ion:228 Resp: 1230003
Ion Ratio Lower Upper
228 100
226 30.8 25.0 37.6
229 20.2 16.4 24.6

Manual Integrations
APPROVED

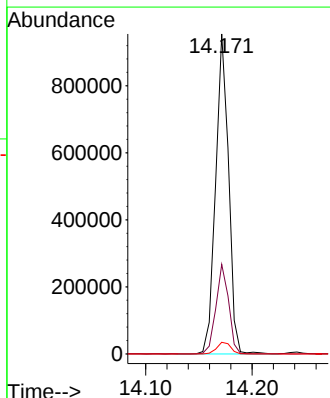
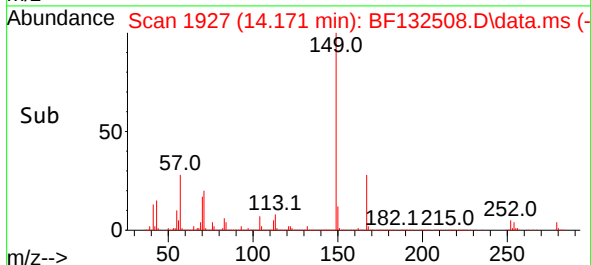
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

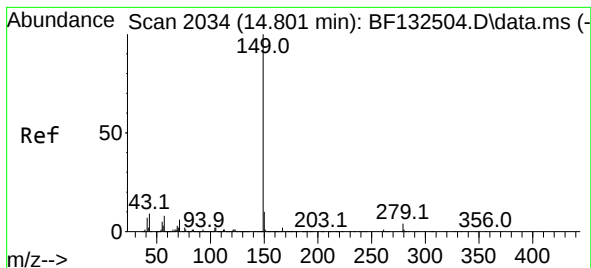


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.023 ng
RT: 14.171 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30



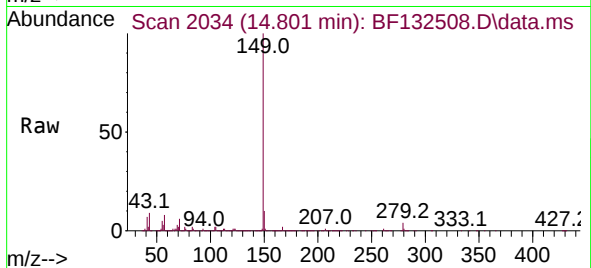
Tgt Ion:149 Resp: 808929
Ion Ratio Lower Upper
149 100
167 28.0 21.8 32.6
279 3.6 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 40.896 ng
RT: 14.801 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

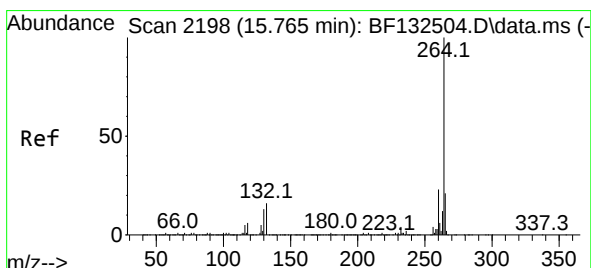
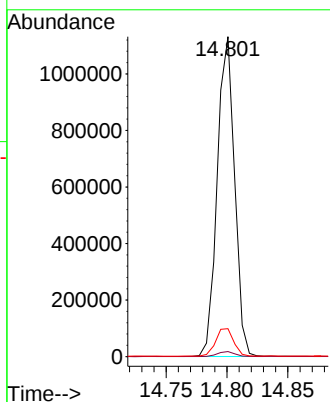
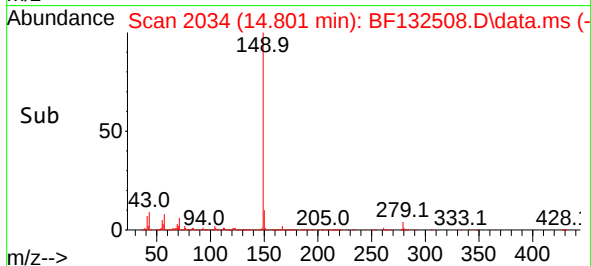
Instrument :
BNA_F
ClientSampleId :
ICVBF022223



Tgt Ion:149 Resp: 1123649
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.0 7.2 10.8

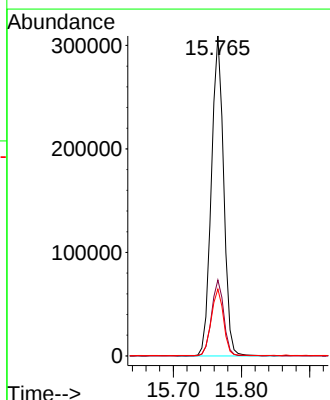
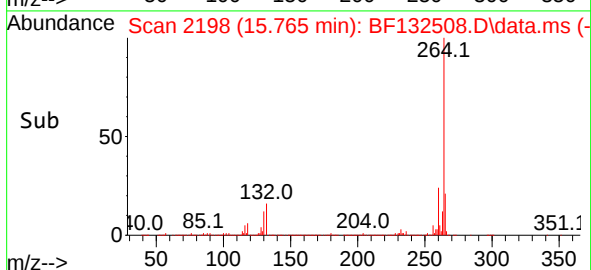
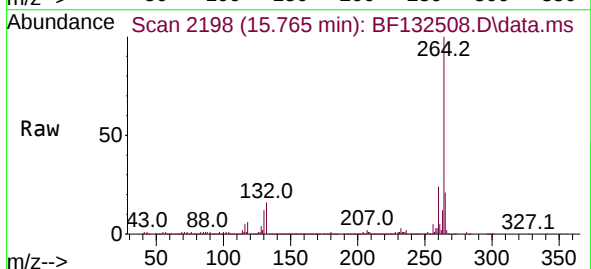
Manual Integrations
APPROVED

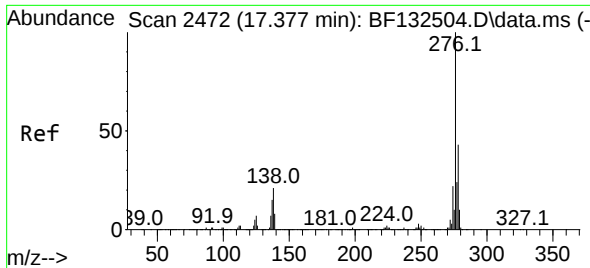
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.765 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

Tgt Ion:264 Resp: 387172
Ion Ratio Lower Upper
264 100
260 23.7 18.8 28.2
265 20.9 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.261 ng
RT: 17.371 min Scan# 2472
Delta R.T. -0.006 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

Instrument :

BNA_F

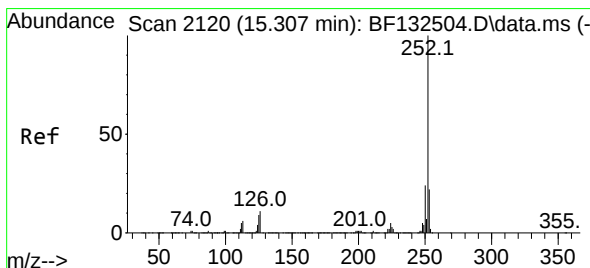
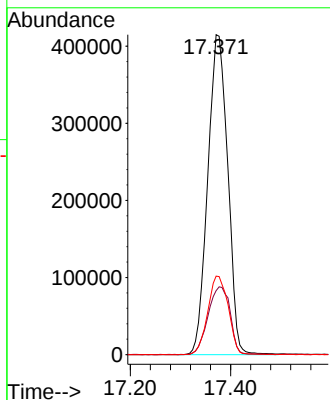
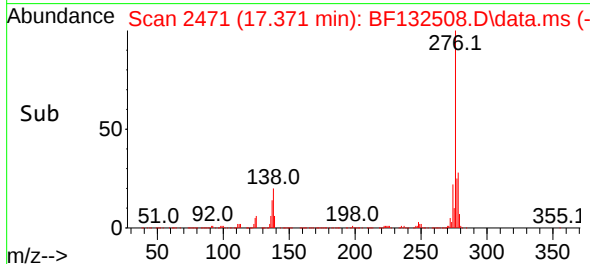
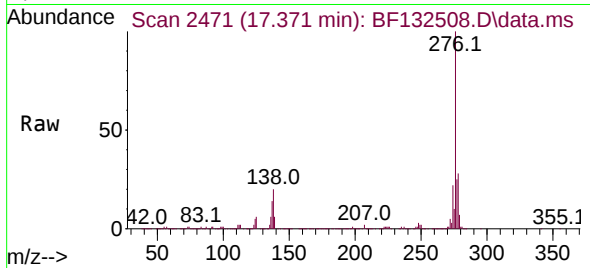
ClientSampleId :

ICVBF022223

Tgt Ion:276 Resp: 1148232
Ion Ratio Lower Upper
276 100
138 23.5 19.0 28.4
277 25.2 20.0 30.0

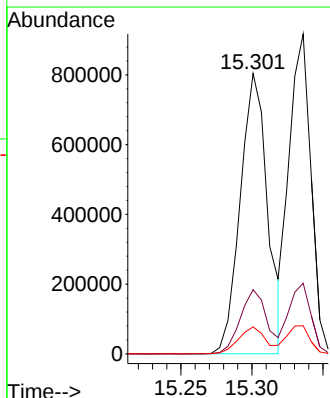
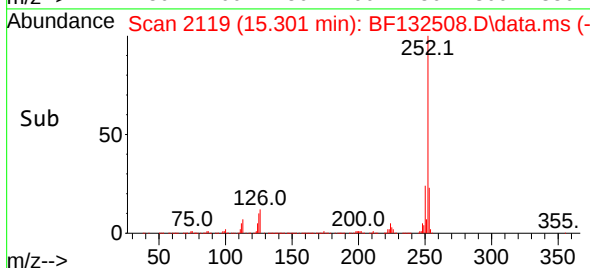
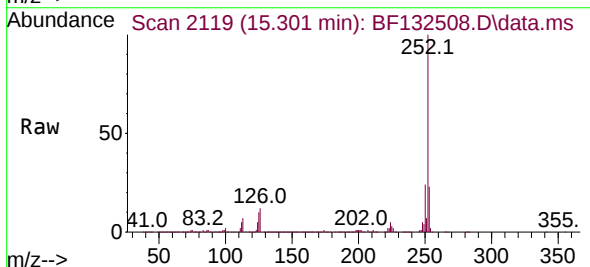
Manual Integrations
APPROVED

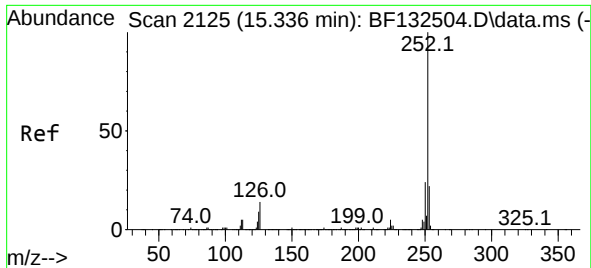
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#88
Benzo(b)fluoranthene
Concen: 41.486 ng
RT: 15.301 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BF132508.D
Acq: 22 Feb 2023 16:30

Tgt Ion:252 Resp: 1076416
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.0
125 9.6 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 38.985 ng

RT: 15.336 min Scan# 2125

Delta R.T. 0.000 min

Lab File: BF132508.D

Acq: 22 Feb 2023 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF022223

Tgt Ion:252 Resp: 989976

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

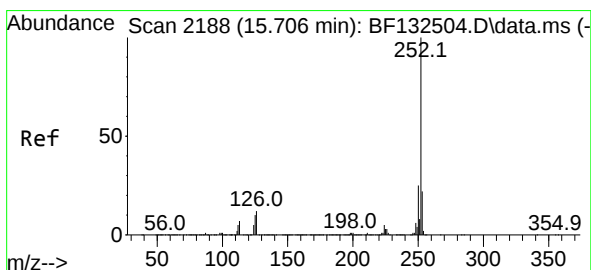
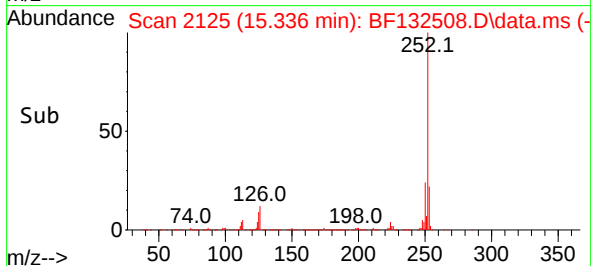
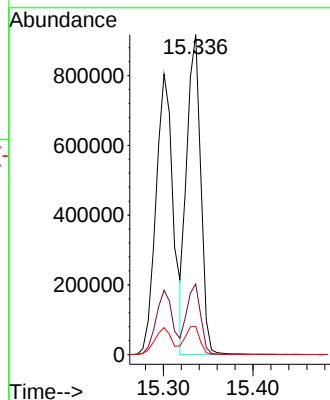
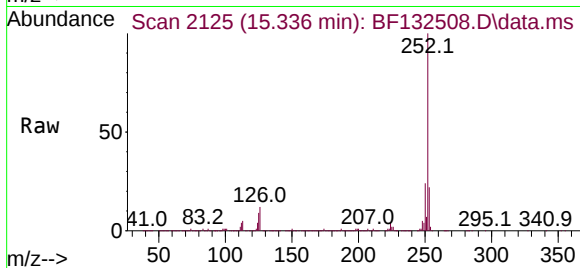
125 8.8 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2023

Supervised By :Jagrut Upadhyay 02/23/2023



#90

Benzo(a)pyrene

Concen: 41.215 ng

RT: 15.701 min Scan# 2187

Delta R.T. -0.006 min

Lab File: BF132508.D

Acq: 22 Feb 2023 16:30

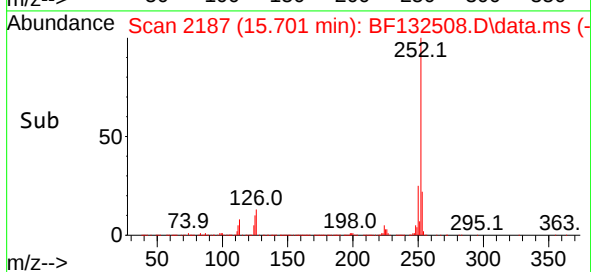
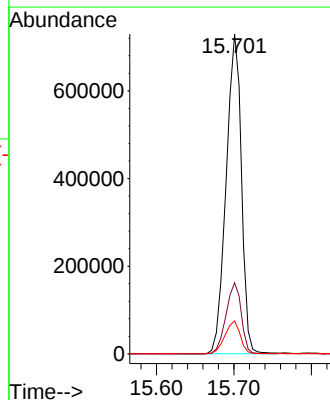
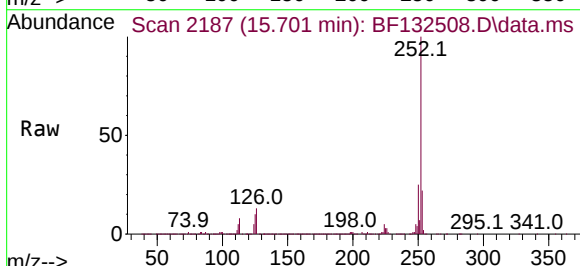
Tgt Ion:252 Resp: 1000861

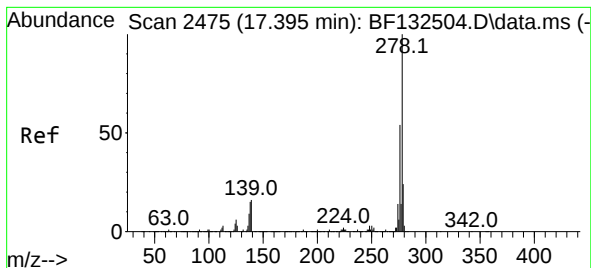
Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

125 10.3 8.0 12.0





#91

Dibenzo(a,h)anthracene

Concen: 45.155 ng

RT: 17.395 min Scan# 2475

Delta R.T. 0.000 min

Lab File: BF132508.D

Acq: 22 Feb 2023 16:30

Instrument :

BNA_F

ClientSampleId :

ICVBF022223

Tgt Ion:278 Resp: 933360

Ion Ratio Lower Upper

278 100

139 15.0 13.0 19.4

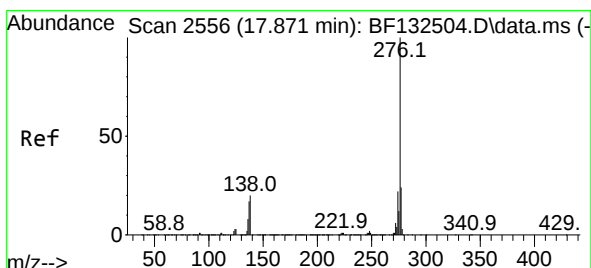
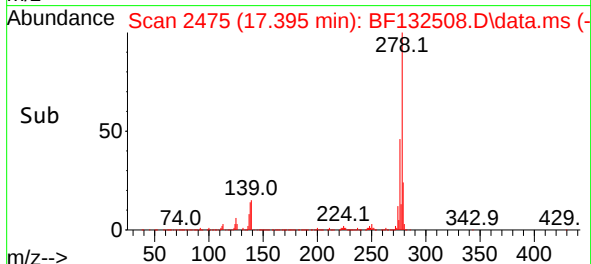
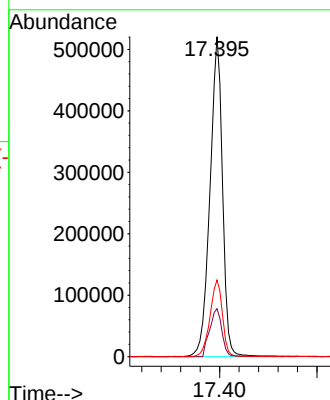
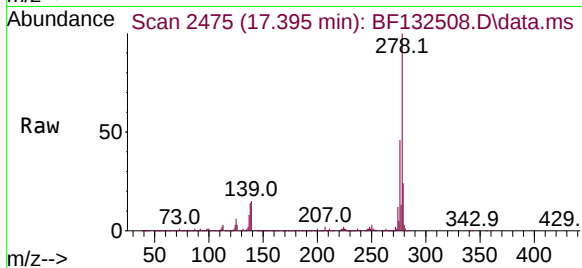
279 23.9 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2023

Supervised By :Jagrut Upadhyay 02/23/2023



#92

Benzo(g,h,i)perylene

Concen: 42.115 ng

RT: 17.871 min Scan# 2556

Delta R.T. 0.000 min

Lab File: BF132508.D

Acq: 22 Feb 2023 16:30

Tgt Ion:276 Resp: 978986

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 20.4 16.2 24.4

