

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
 Data File : BF132736.D
 Acq On : 10 Mar 2023 12:16
 Operator : CG\JU
 Sample : PB151310BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151310BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/13/2023
 Supervised By : Jagrut Upadhyay 03/13/2023

Quant Time: Mar 10 13:15:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 16:26:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.981	152	247979	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	938277	20.000	ng	0.00
39) Acenaphthene-d10	10.028	164	491623	20.000	ng	0.00
64) Phenanthrene-d10	11.528	188	908713	20.000	ng	0.00
76) Chrysene-d12	14.186	240	508740	20.000	ng	# 0.00
86) Perylene-d12	15.727	264	445423	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.622	112	1864220	122.009	ng	0.01
7) Phenol-d6	6.622	99	2387922	119.750	ng	0.00
23) Nitrobenzene-d5	7.551	82	1614287	81.627	ng	0.00
42) 2,4,6-Tribromophenol	10.828	330	676243	127.369	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	2509726	77.732	ng	0.00
79) Terphenyl-d14	13.116	244	2936621	97.596	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.934	88	298394	35.305	ng	96
3) Pyridine	3.681	79	820645	36.579	ng	94
4) n-Nitrosodimethylamine	3.657	42	352266	41.569	ng	84
6) Aniline	6.645	93	979231	36.490	ng	97
8) 2-Chlorophenol	6.769	128	782117	49.320	ng	97
9) Benzaldehyde	6.534	77	357269	33.203	ng	96
10) Phenol	6.634	94	943542	41.272	ng	94
11) bis(2-Chloroethyl)ether	6.716	93	842324	47.727	ng	95
12) 1,3-Dichlorobenzene	6.922	146	812844	47.765	ng	98
13) 1,4-Dichlorobenzene	6.998	146	814163	47.913	ng	100
14) 1,2-Dichlorobenzene	7.151	146	791841	48.556	ng	98
15) Benzyl Alcohol	7.128	79	702111	45.718	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.251	45	998070	44.347	ng	89
17) 2-Methylphenol	7.240	107	643832	43.502	ng	98
18) Hexachloroethane	7.492	117	325172	48.982	ng	97
19) n-Nitroso-di-n-propyla...	7.398	70	512045	41.723	ng	94
20) 3+4-Methylphenols	7.392	107	699134	36.565	ng	98
22) Acetophenone	7.392	105	1003620	42.420	ng	94
24) Nitrobenzene	7.569	77	883243	41.760	ng	96
25) Isophorone	7.804	82	1650934	43.542	ng	100
26) 2-Nitrophenol	7.887	139	428739	45.943	ng	92
27) 2,4-Dimethylphenol	7.916	122	652824	44.324	ng	98
28) bis(2-Chloroethoxy)met...	8.010	93	988159	44.551	ng	99
29) 2,4-Dichlorophenol	8.128	162	644922	44.018	ng	98
30) 1,2,4-Trichlorobenzene	8.210	180	734651	46.178	ng	98
31) Naphthalene	8.292	128	2034774	42.361	ng	100
32) Benzoic acid	8.057	122	418485	37.011	ng	94
33) 4-Chloroaniline	8.334	127	348907m	16.951	ng	
34) Hexachlorobutadiene	8.398	225	475079	46.993	ng	99
35) Caprolactam	8.728	113	220719m	45.696	ng	
36) 4-Chloro-3-methylphenol	8.828	107	710793	44.176	ng	94
37) 2-Methylnaphthalene	8.981	142	1363121	41.642	ng	99
38) 1-Methylnaphthalene	9.081	142	1256125	41.061	ng	99
40) 1,2,4,5-Tetrachloroben...	9.151	216	735419	45.722	ng	99
41) Hexachlorocyclopentadiene	9.134	237	856919	98.223	ng	99
43) 2,4,6-Trichlorophenol	9.263	196	485173	44.509	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.310	196	517914	40.709	ng	97
46) 1,1'-Biphenyl	9.445	154	1620719	43.556	ng	99
47) 2-Chloronaphthalene	9.475	162	1309120	44.374	ng	100
48) 2-Nitroaniline	9.575	65	427017	39.300	ng	91
49) Acenaphthylene	9.892	152	1970909	41.976	ng	100
50) Dimethylphthalate	9.745	163	1589030	44.391	ng	99
51) 2,6-Dinitrotoluene	9.816	165	359041	44.042	ng	95
52) Acenaphthene	10.069	154	1395521m	46.807	ng	
53) 3-Nitroaniline	9.986	138	252105	27.645	ng	98
54) 2,4-Dinitrophenol	10.098	184	398931	77.709	ng	98
55) Dibenzofuran	10.239	168	1779149	40.933	ng	97
56) 4-Nitrophenol	10.157	139	490718	72.155	ng	98
57) 2,4-Dinitrotoluene	10.222	165	468362	43.185	ng	99
58) Fluorene	10.586	166	1402141	42.174	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.357	232	429384	45.434	ng	97
60) Diethylphthalate	10.445	149	1510351	43.202	ng	99
61) 4-Chlorophenyl-phenyle...	10.569	204	751424	43.568	ng	97
62) 4-Nitroaniline	10.610	138	376713	42.083	ng	98
63) Azobenzene	10.733	77	1518769	41.020	ng	98
65) 4,6-Dinitro-2-methylph...	10.639	198	278261	45.234	ng	88
66) n-Nitrosodiphenylamine	10.692	169	1252145	44.199	ng	99
67) 4-Bromophenyl-phenylether	11.063	248	472643	45.982	ng	98
68) Hexachlorobenzene	11.133	284	533375	49.314	ng	97
69) Atrazine	11.216	200	451531	51.054	ng	98
70) Pentachlorophenol	11.333	266	485688	75.475	ng	99
71) Phenanthrene	11.551	178	2027914	43.078	ng	99
72) Anthracene	11.604	178	2067241	42.644	ng	99
73) Carbazole	11.763	167	1860181	42.560	ng	99
74) Di-n-butylphthalate	12.075	149	2306541	44.989	ng	100
75) Fluoranthene	12.751	202	2145932	41.698	ng	98
77) Benzidine	12.863	184	769076	62.101	ng	100
78) Pyrene	12.980	202	2179374	47.118	ng	100
80) Butylbenzylphthalate	13.586	149	901649	49.399	ng	99
81) Benzo(a)anthracene	14.174	228	1743262	45.797	ng	98
82) 3,3'-Dichlorobenzidine	14.133	252	354421	31.582	ng	# 98
83) Chrysene	14.216	228	1597815	44.888	ng	99
84) Bis(2-ethylhexyl)phtha...	14.139	149	1168164	52.098	ng	100
85) Di-n-octyl phthalate	14.763	149	1771810	54.075	ng	98
87) Indeno(1,2,3-cd)pyrene	17.327	276	1499351	51.372	ng	99
88) Benzo(b)fluoranthene	15.268	252	1542453	51.673	ng	99
89) Benzo(k)fluoranthene	15.304	252	1299157	44.470	ng	98
90) Benzo(a)pyrene	15.663	252	1246782	44.628	ng	98
91) Dibenzo(a,h)anthracene	17.339	278	1228852	51.676	ng	98
92) Benzo(g,h,i)perylene	17.815	276	1285034	47.823	ng	99

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

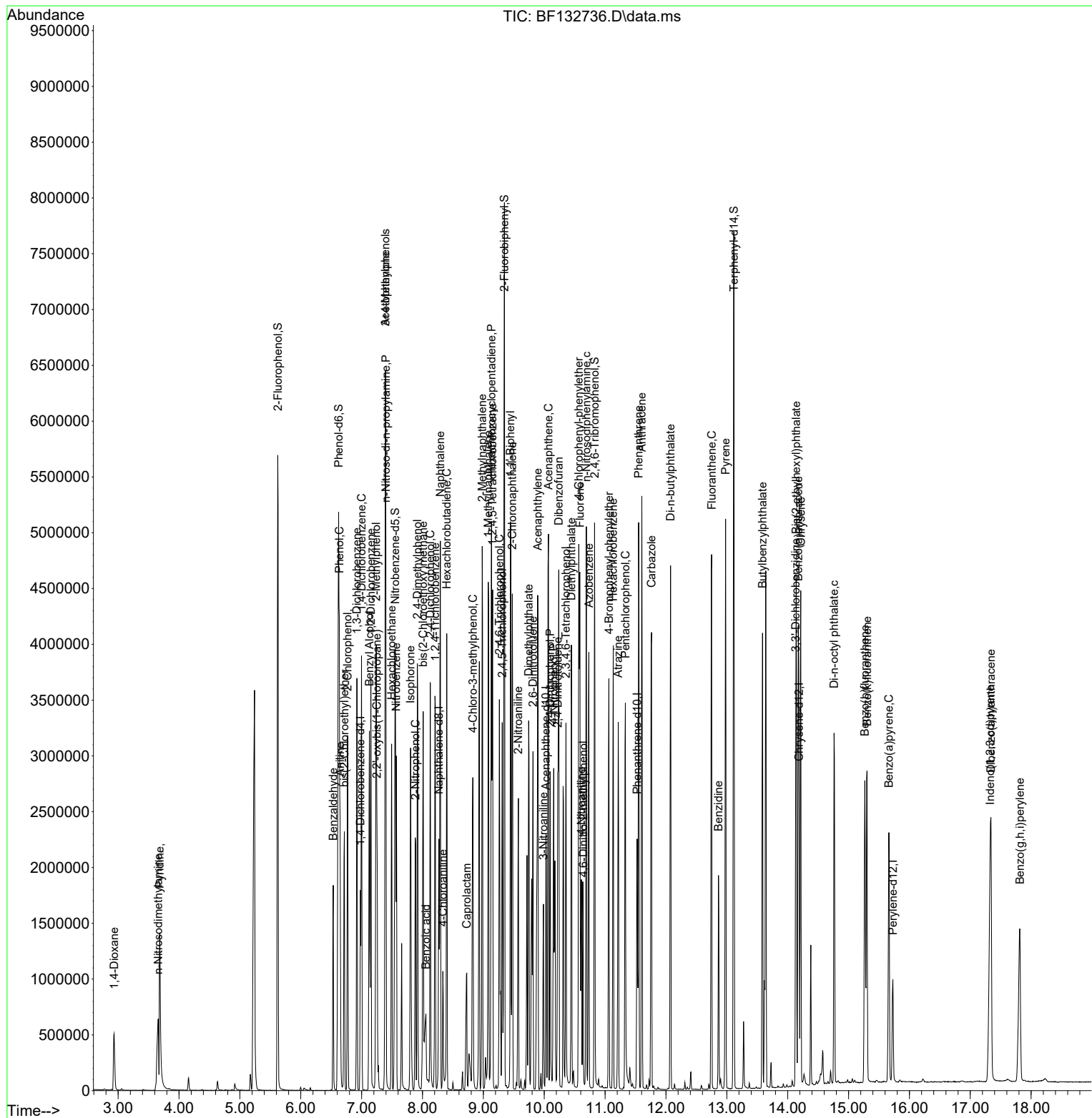
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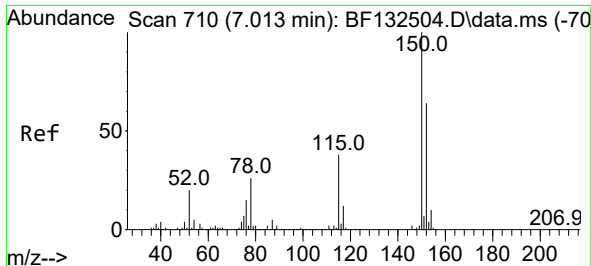
Instrument :
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Manual Integrations APPROVED

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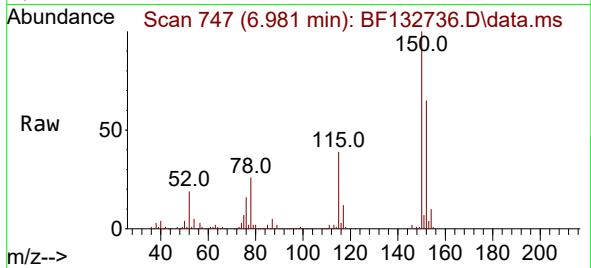
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.981 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

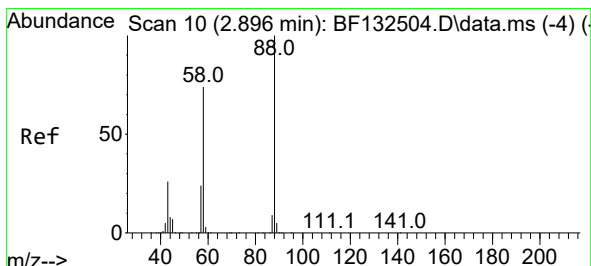
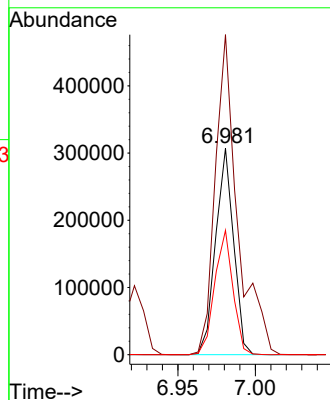
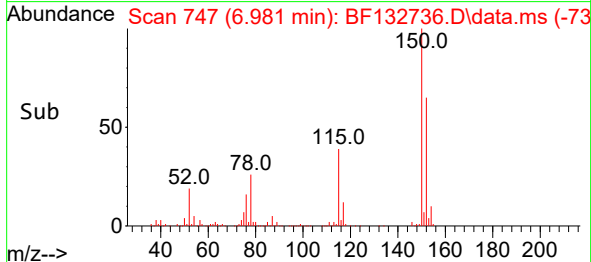
Instrument :
BNA_F
ClientSampleId :
PB151310BS



Tgt Ion:152 Resp: 247979
Ion Ratio Lower Upper
152 100
150 155.0 125.4 188.2
115 60.2 47.8 71.6

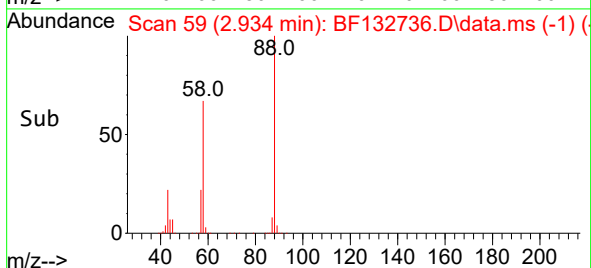
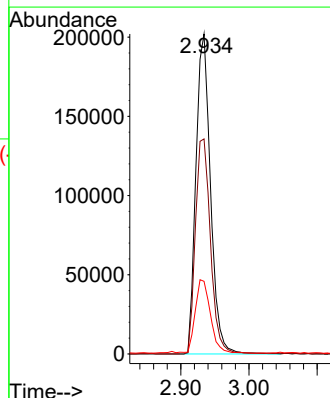
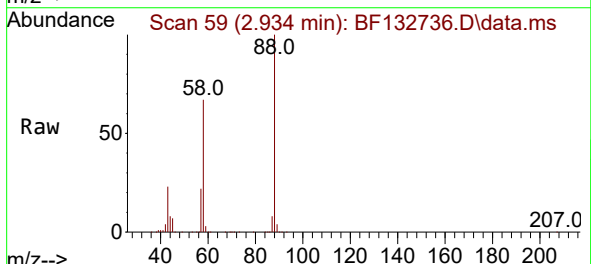
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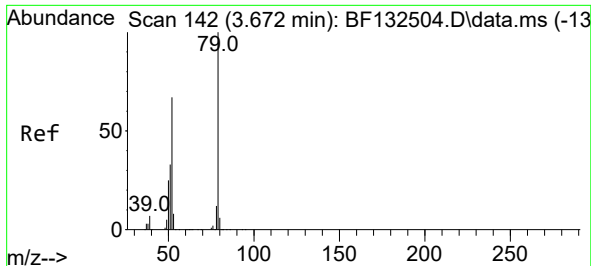
Reviewed By :Christian Giraldo 03/13/2023
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#2
1,4-Dioxane
Concen: 35.305 ng
RT: 2.934 min Scan# 59
Delta R.T. 0.094 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

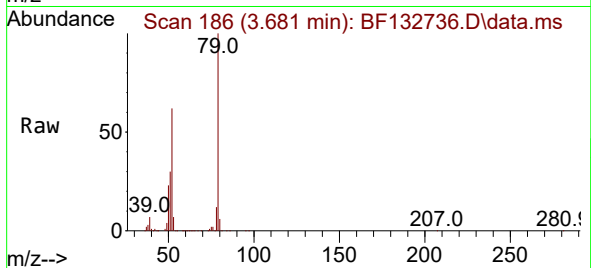
Tgt Ion: 88 Resp: 298394
Ion Ratio Lower Upper
88 100
58 69.7 58.3 87.5
43 23.9 20.7 31.1





#3
Pyridine
Concen: 36.579 ng
RT: 3.681 min Scan# 186
Delta R.T. 0.059 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

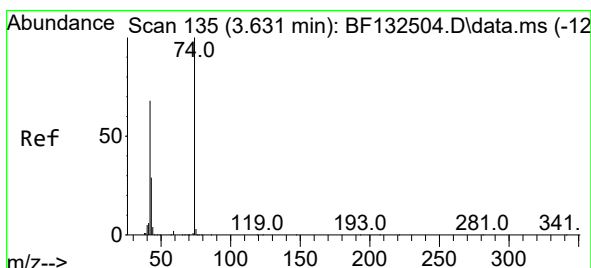
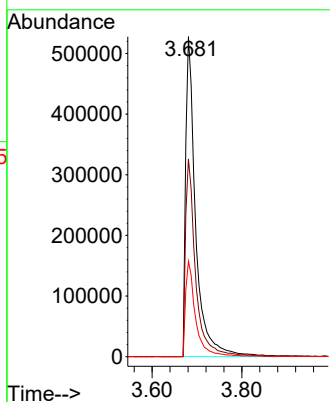
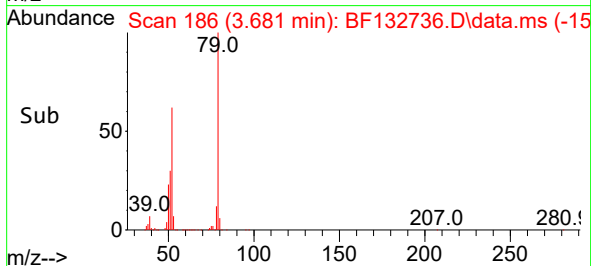
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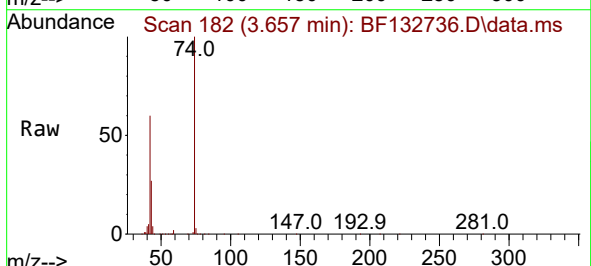
Tgt Ion: 79 Resp: 820645
Ion Ratio Lower Upper
79 100
52 61.8 53.7 80.5
51 29.9 26.6 40.0

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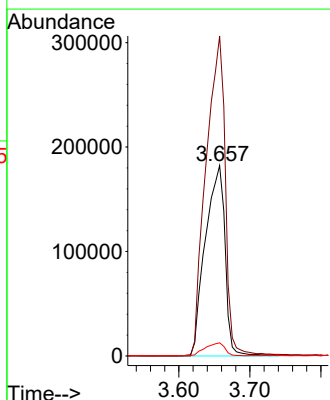
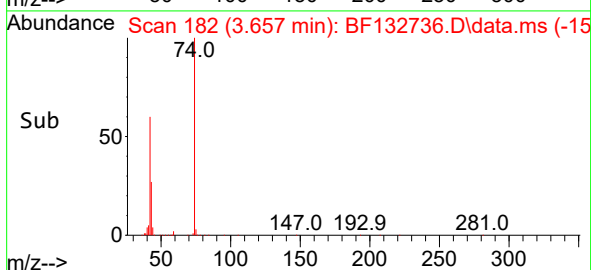
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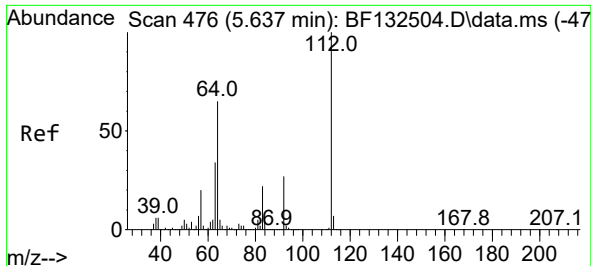


#4
n-Nitrosodimethylamine
Concen: 41.569 ng
RT: 3.657 min Scan# 182
Delta R.T. 0.071 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16



Tgt Ion: 42 Resp: 352266
Ion Ratio Lower Upper
42 100
74 168.0 118.2 177.2
44 6.9 5.3 7.9





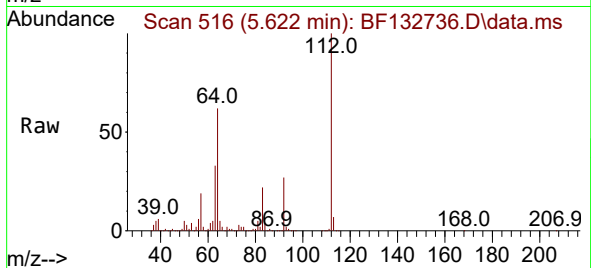
#5
2-Fluorophenol
Concen: 122.009 ng
RT: 5.622 min Scan# 516
Delta R.T. 0.012 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Instrument :

BNA_F

ClientSampleId :

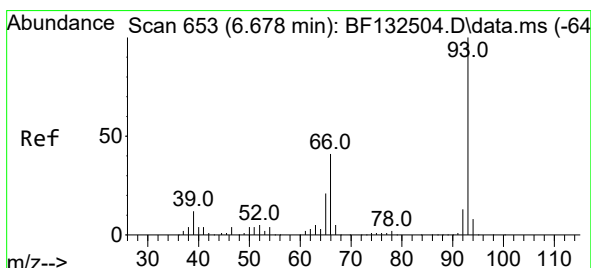
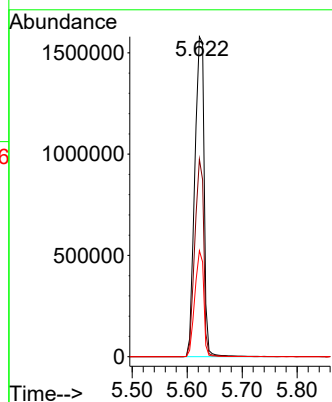
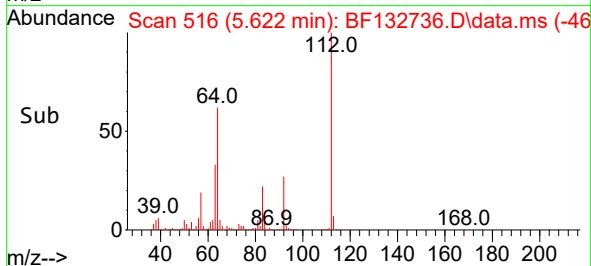
PB151310BS



Tgt Ion:112 Resp: 1864220
Ion Ratio Lower Upper
112 100
64 61.7 51.6 77.4
63 33.1 27.4 41.2

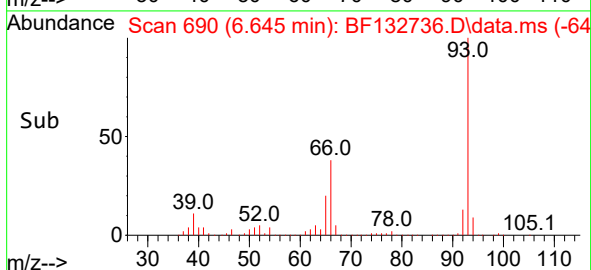
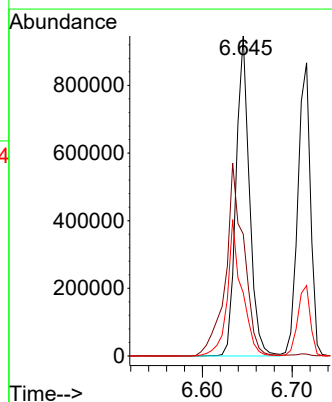
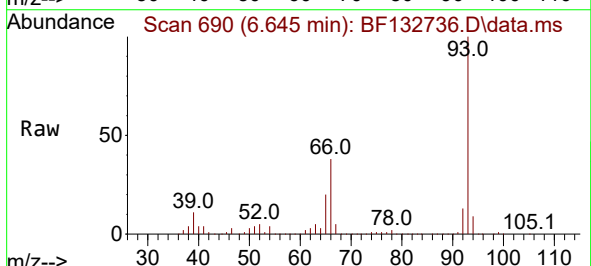
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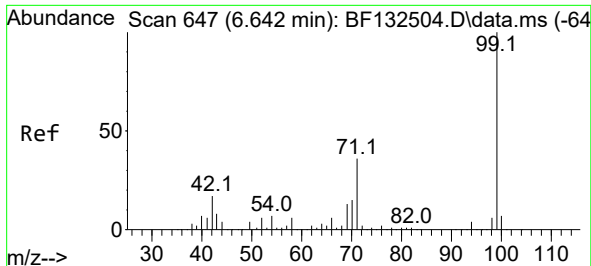
Reviewed By :Christian Giraldo 03/13/2023
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#6
Aniline
Concen: 36.490 ng
RT: 6.645 min Scan# 690
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Tgt Ion: 93 Resp: 979231
Ion Ratio Lower Upper
93 100
66 38.1 32.5 48.7
65 19.7 16.6 24.8





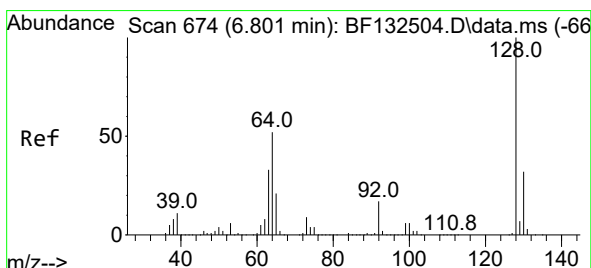
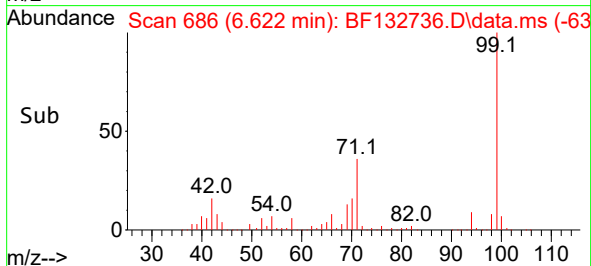
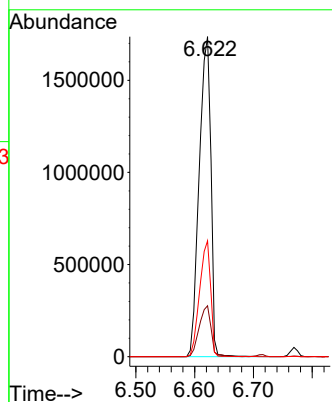
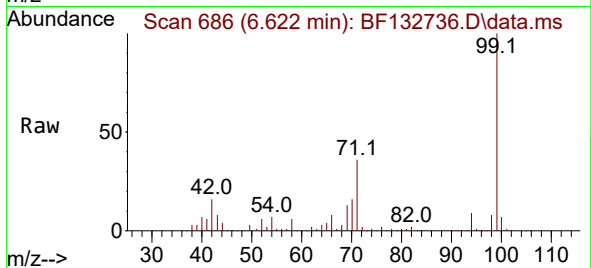
#7
Phenol-d6
Concen: 119.750 ng
RT: 6.622 min Scan# 611
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Instrument :
BNA_F
ClientSampleId :
PB151310BS

Tgt Ion: 99 Resp: 238792
Ion Ratio Lower Upper
99 100
42 15.9 13.9 20.9
71 36.2 28.5 42.7

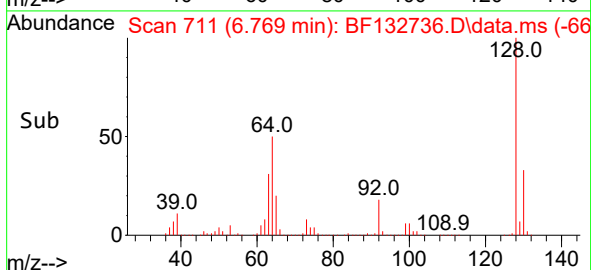
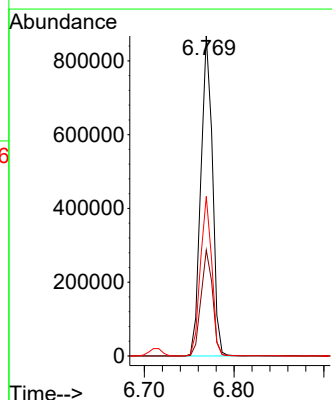
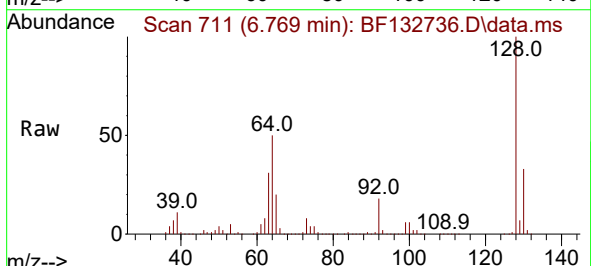
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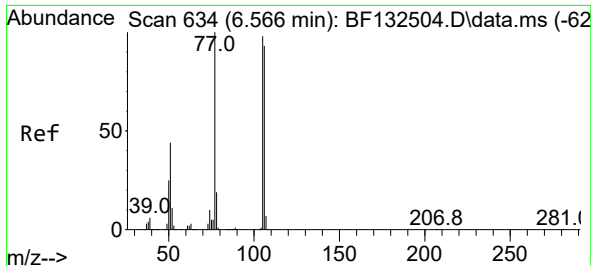
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#8
2-Chlorophenol
Concen: 49.320 ng
RT: 6.769 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Tgt Ion:128 Resp: 782117
Ion Ratio Lower Upper
128 100
130 33.1 12.1 52.1
64 49.8 32.0 72.0





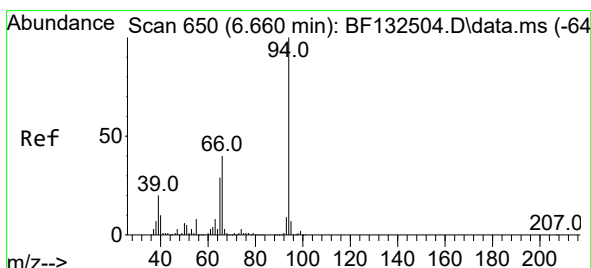
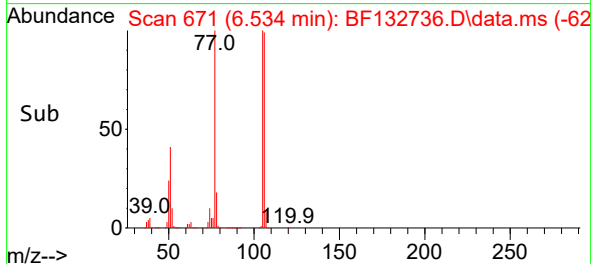
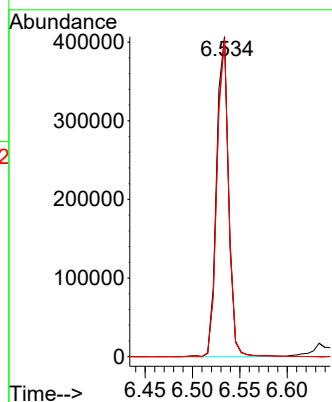
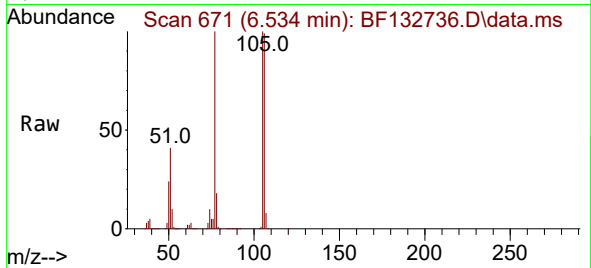
#9
Benzaldehyde
Concen: 33.203 ng
RT: 6.534 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 357269
Ion Ratio Lower Upper
77 100
105 99.9 77.9 117.9
106 99.3 73.4 113.4

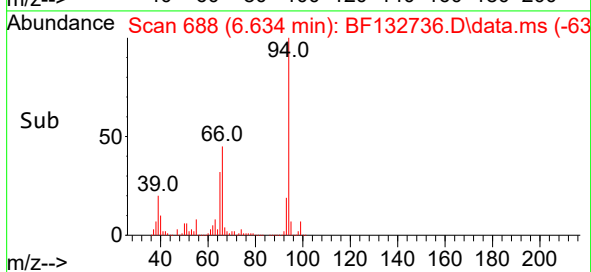
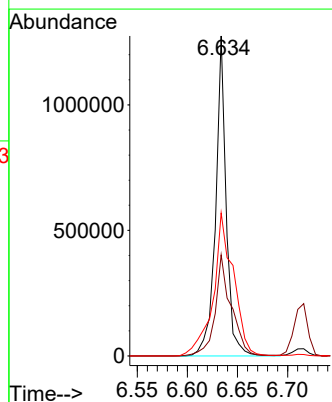
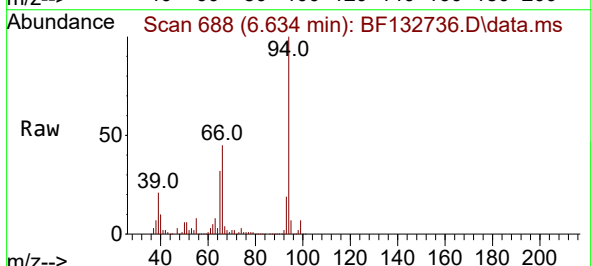
Manual Integrations
APPROVED

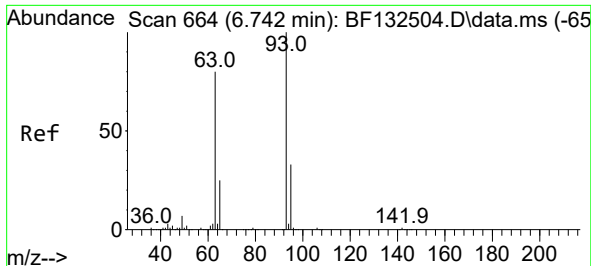
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#10
Phenol
Concen: 41.272 ng
RT: 6.634 min Scan# 688
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

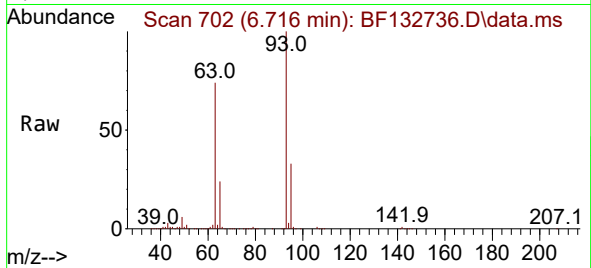
Tgt Ion: 94 Resp: 943542
Ion Ratio Lower Upper
94 100
65 31.6 9.4 49.4
66 44.7 19.8 59.8





#11
bis(2-Chloroethyl)ether
Concen: 47.727 ng
RT: 6.716 min Scan# 702
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

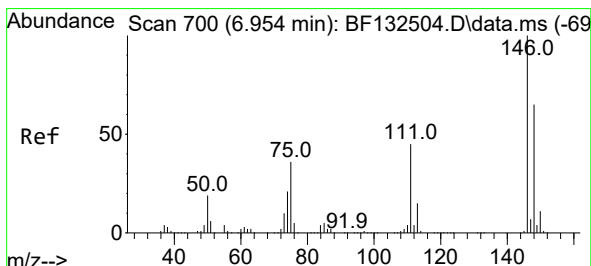
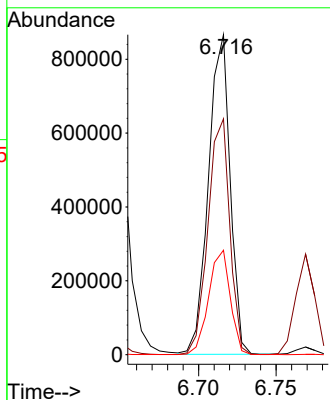
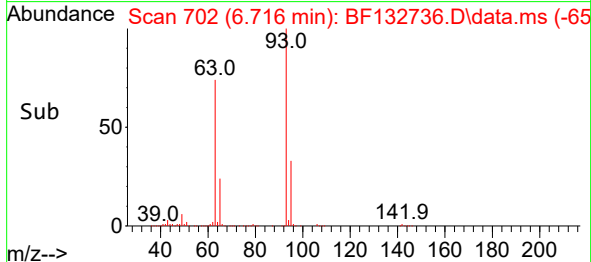
Instrument :
BNA_F
ClientSampleId :
PB151310BS



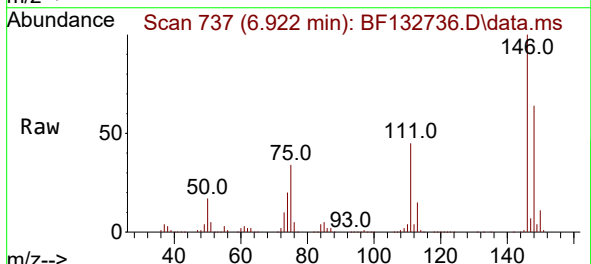
Tgt Ion: 93 Resp: 842324
Ion Ratio Lower Upper
93 100
63 73.7 59.6 99.6
95 32.6 12.8 52.8

Manual Integrations
APPROVED

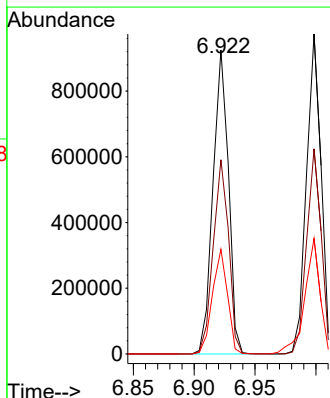
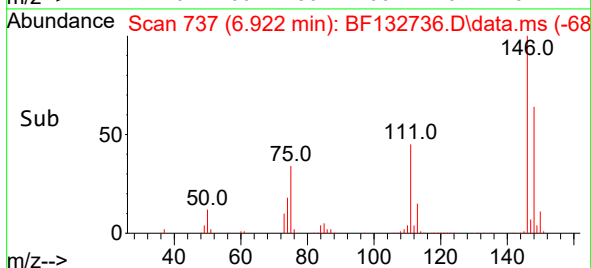
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

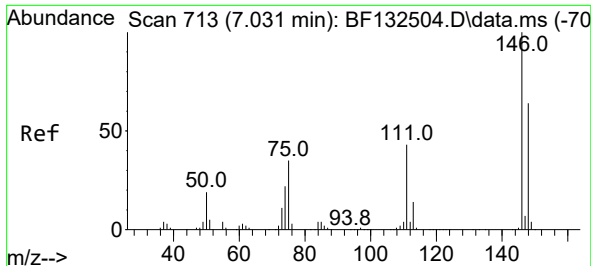


#12
1,3-Dichlorobenzene
Concen: 47.765 ng
RT: 6.922 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16



Tgt Ion:146 Resp: 812844
Ion Ratio Lower Upper
146 100
148 63.9 51.9 77.9
75 34.4 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 47.913 ng

RT: 6.998 min Scan# 713

Delta R.T. 0.000 min

Lab File: BF132736.D

Acq: 10 Mar 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB151310BS

Tgt Ion:146 Resp: 81416

Ion Ratio Lower Upper

146 100

148 64.1 51.1 76.7

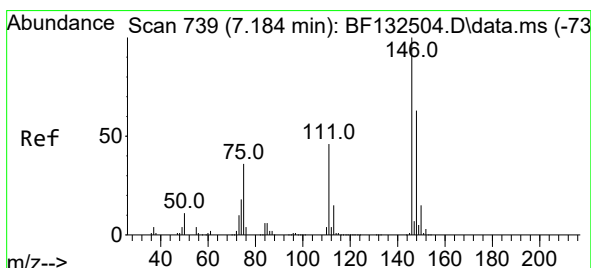
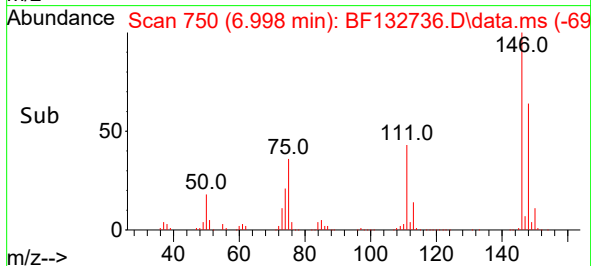
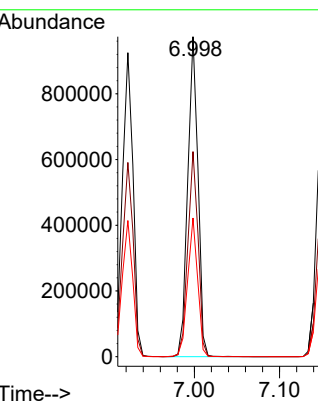
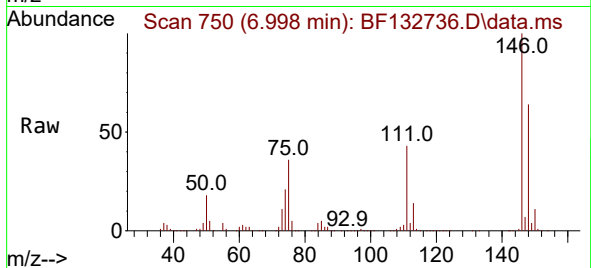
111 43.4 34.8 52.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/13/2023

Supervised By :Jagrut Upadhyay 03/13/2023



#14

1,2-Dichlorobenzene

Concen: 48.556 ng

RT: 7.151 min Scan# 776

Delta R.T. -0.006 min

Lab File: BF132736.D

Acq: 10 Mar 2023 12:16

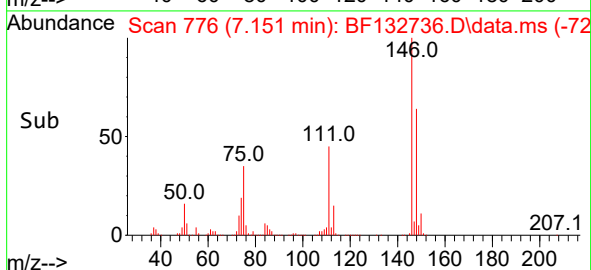
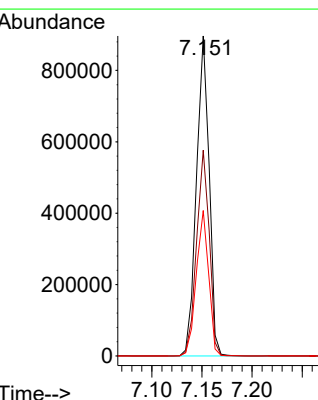
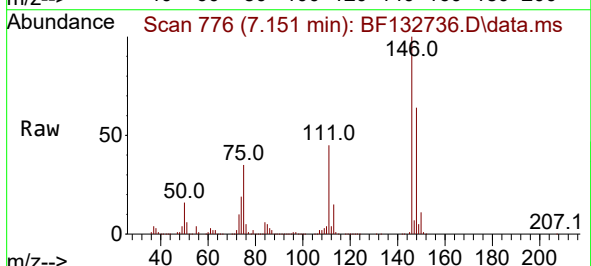
Tgt Ion:146 Resp: 791841

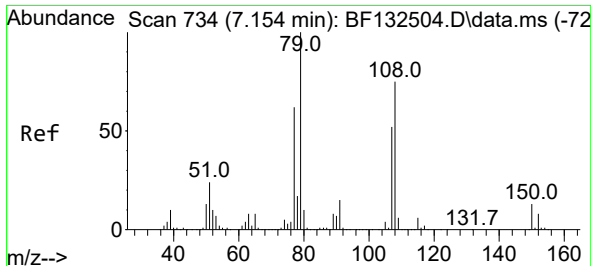
Ion Ratio Lower Upper

146 100

148 64.3 50.6 75.8

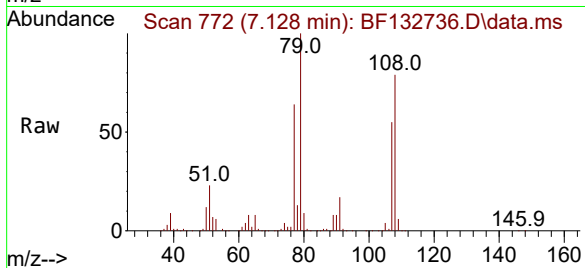
111 45.4 37.2 55.8





#15
Benzyl Alcohol
Concen: 45.718 ng
RT: 7.128 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

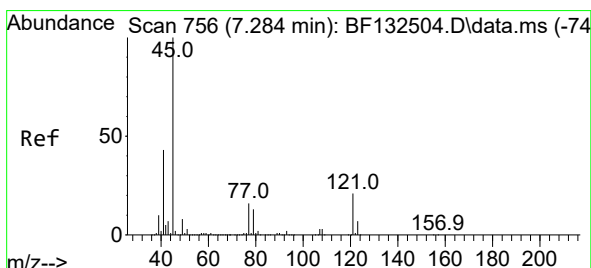
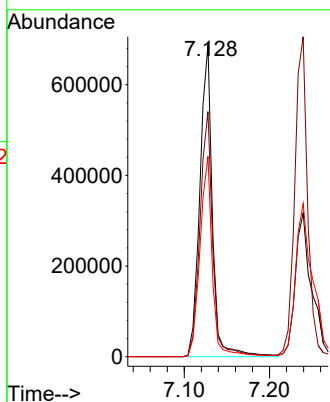
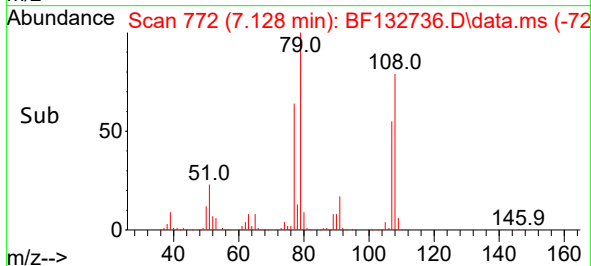
Instrument :
BNA_F
ClientSampleId :
PB151310BS



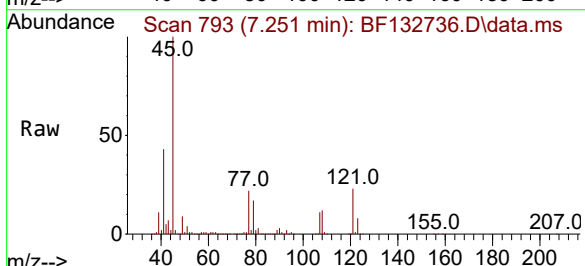
Tgt Ion: 79 Resp: 70211
Ion Ratio Lower Upper
79 100
108 78.6 60.2 90.4
77 64.2 49.9 74.9

Manual Integrations
APPROVED

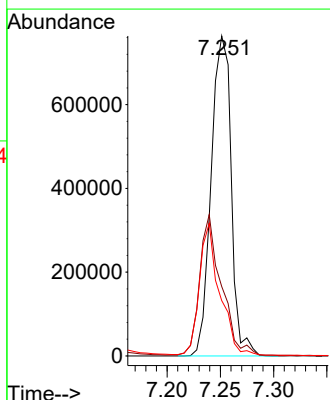
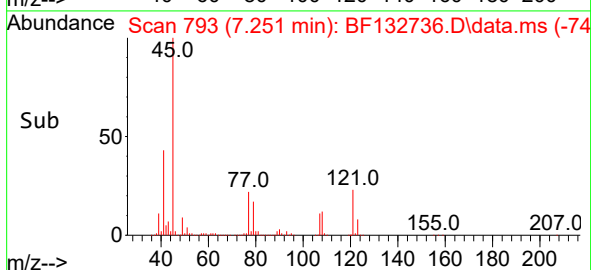
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

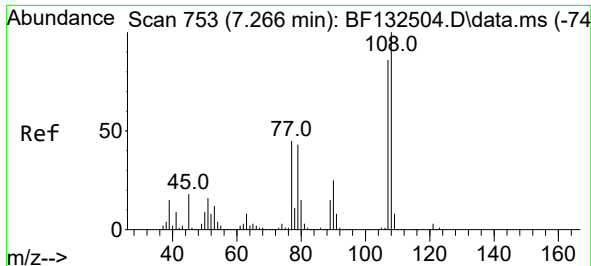


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.347 ng
RT: 7.251 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16



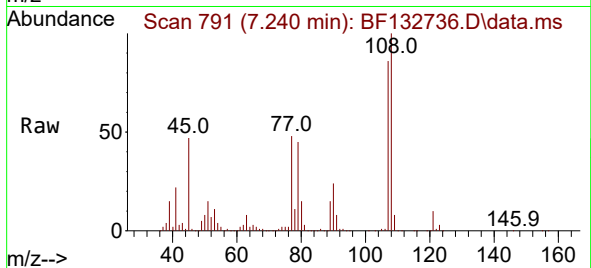
Tgt Ion: 45 Resp: 998070
Ion Ratio Lower Upper
45 100
77 21.7 0.0 36.4
79 17.3 0.0 33.4





#17
2-Methylphenol
Concen: 43.502 ng
RT: 7.240 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

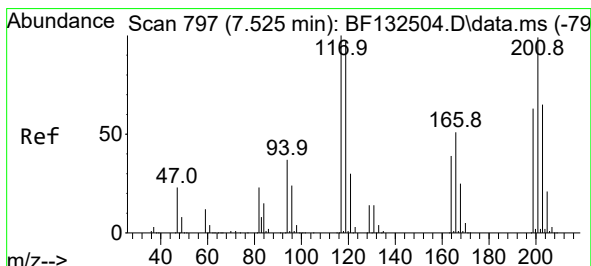
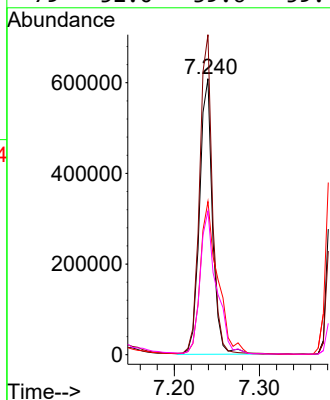
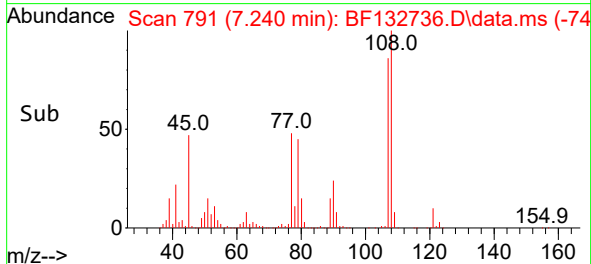
Instrument :
BNA_F
ClientSampleId :
PB151310BS



Tgt Ion:107 Resp: 64383
Ion Ratio Lower Upper
107 100
108 115.9 93.0 139.4
77 55.5 42.1 63.1
79 52.0 39.6 59.4

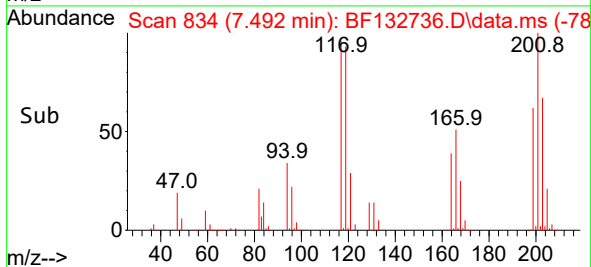
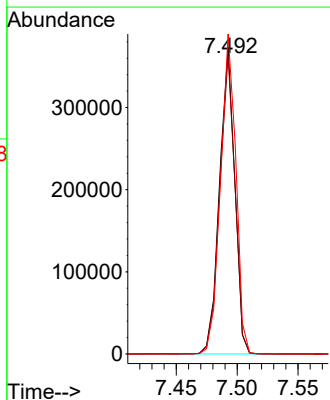
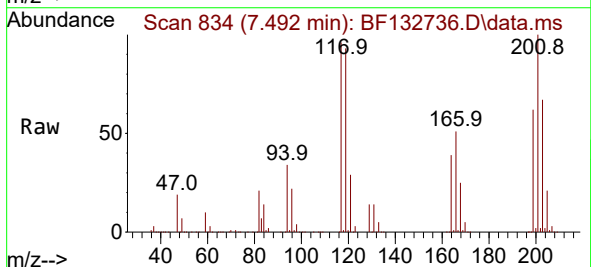
Manual Integrations
APPROVED

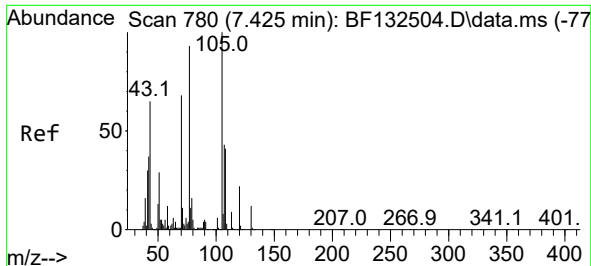
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#18
Hexachloroethane
Concen: 48.982 ng
RT: 7.492 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

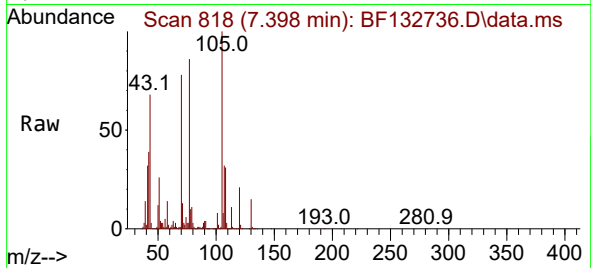
Tgt Ion:117 Resp: 325172
Ion Ratio Lower Upper
117 100
119 97.3 78.0 117.0
201 104.4 79.0 118.4





#19
n-Nitroso-di-n-propylamine
Concen: 41.723 ng
RT: 7.398 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

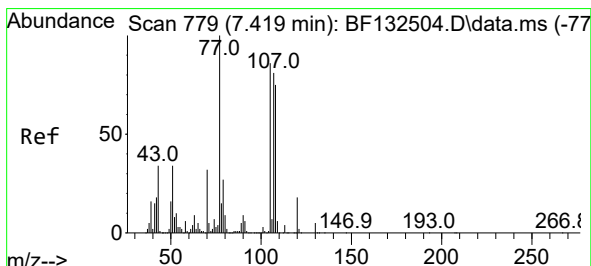
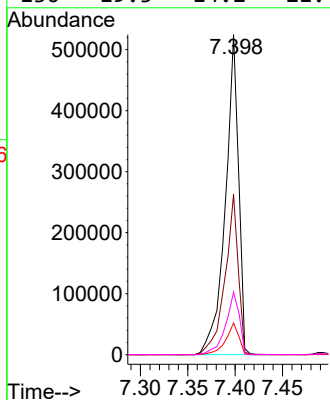
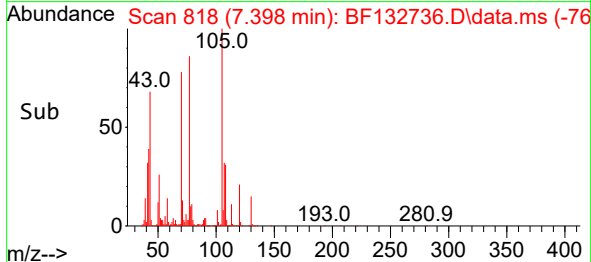
Instrument :
BNA_F
ClientSampleId :
PB151310BS



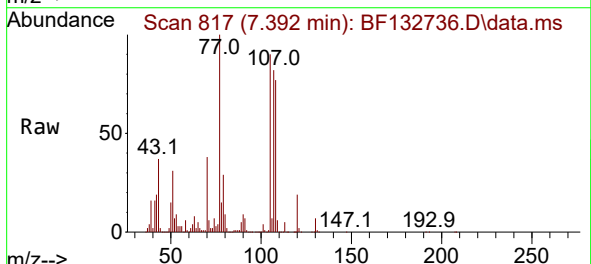
Tgt Ion: 70 Resp: 512049
Ion Ratio Lower Upper
70 100
42 50.1 44.1 66.1
101 9.9 7.4 11.2
130 19.5 14.2 21.4

Manual Integrations
APPROVED

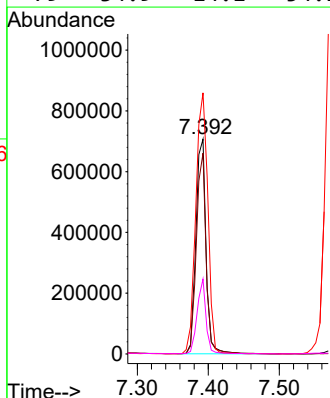
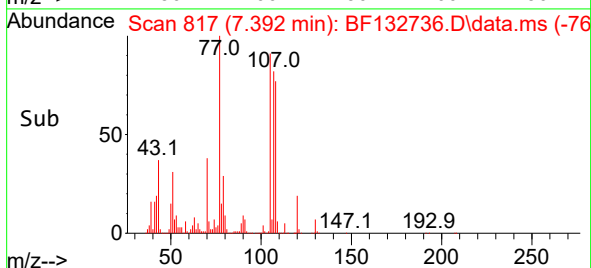
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

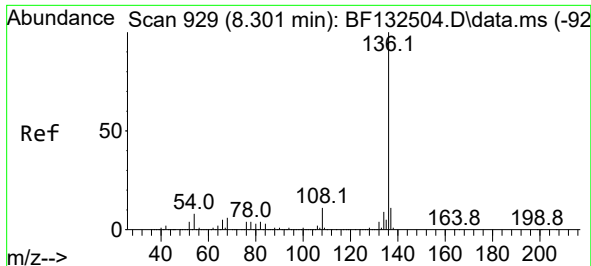


#20
3+4-Methylphenols
Concen: 36.565 ng
RT: 7.392 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16



Tgt Ion:107 Resp: 699134
Ion Ratio Lower Upper
107 100
108 93.5 72.6 112.6
77 121.6 104.0 144.0
79 34.9 14.1 54.1





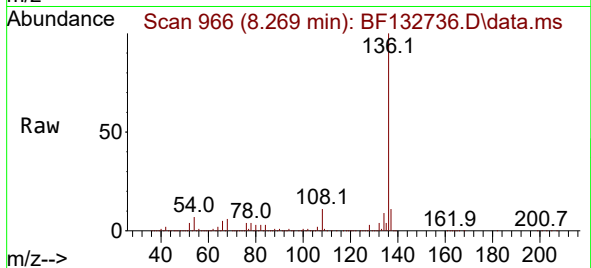
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.269 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB151310BS

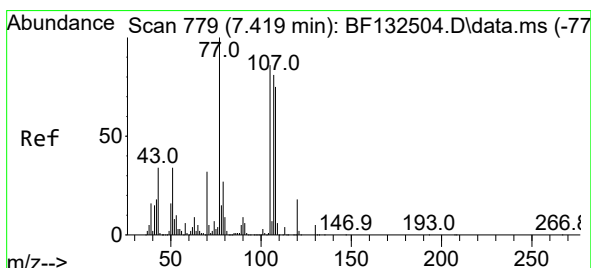
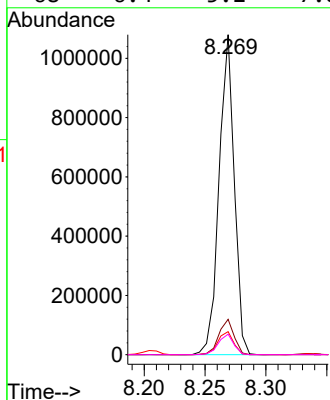
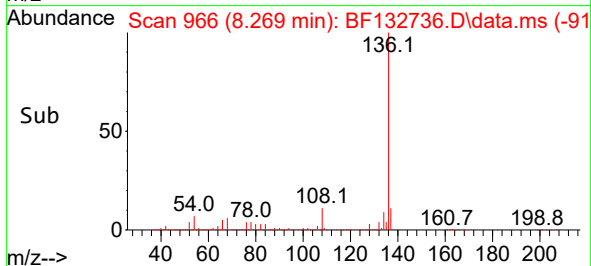


Tgt Ion:136 Resp: 93827
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.2 6.2 9.4
68 6.4 5.2 7.8

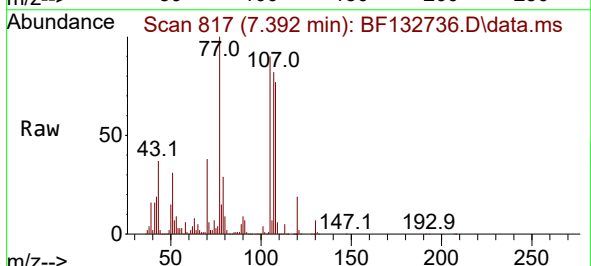
Manual Integrations

APPROVED

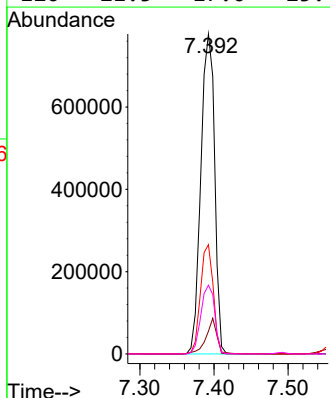
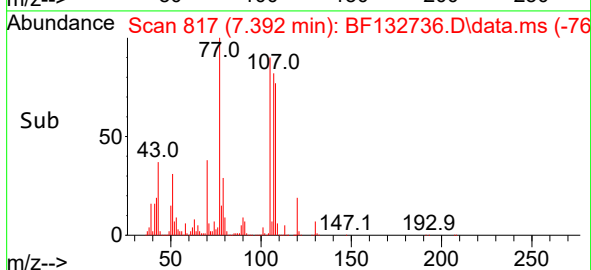
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

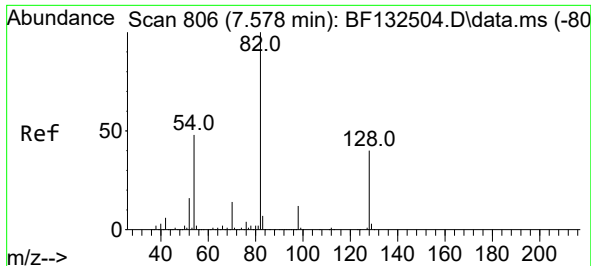


#22
Acetophenone
Concen: 42.420 ng
RT: 7.392 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16



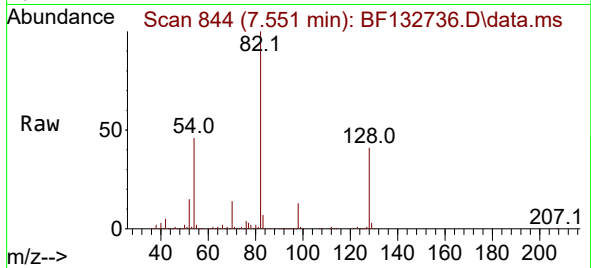
Tgt Ion:105 Resp: 1003620
Ion Ratio Lower Upper
105 100
71 7.1 5.0 7.4
51 34.1 31.5 47.3
120 21.5 17.0 25.4





#23
Nitrobenzene-d5
Concen: 81.627 ng
RT: 7.551 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

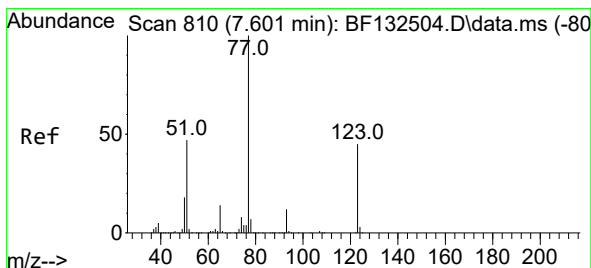
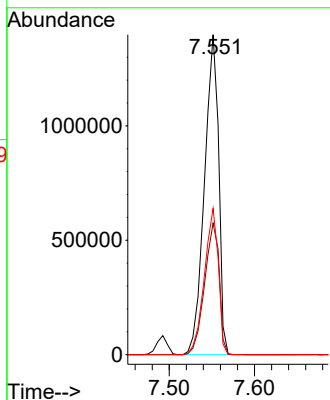
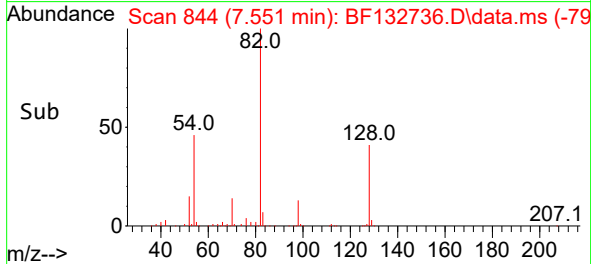
Instrument :
BNA_F
ClientSampleId :
PB151310BS



Tgt Ion: 82 Resp: 161428
Ion Ratio Lower Upper
82 100
128 41.1 32.2 48.2
54 45.7 38.4 57.6

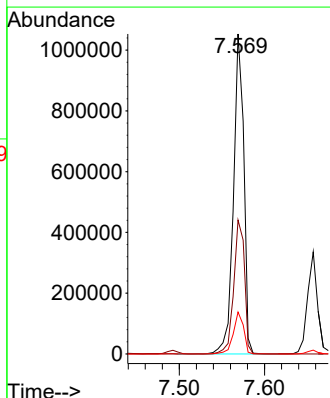
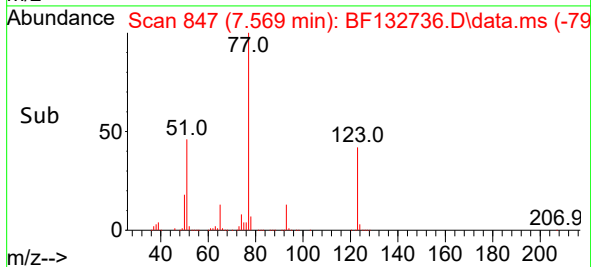
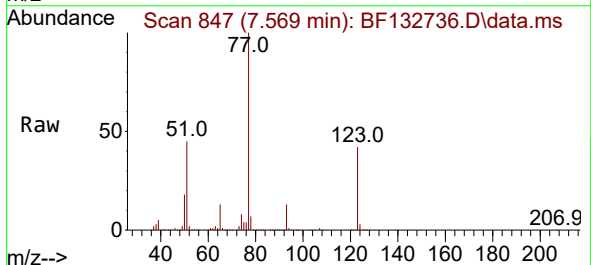
Manual Integrations
APPROVED

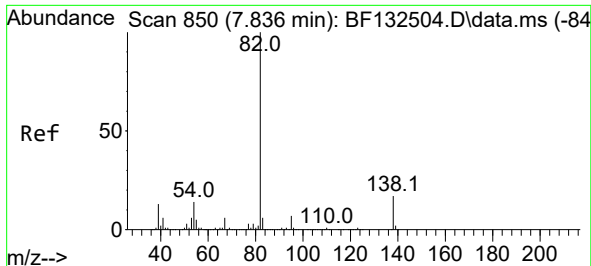
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#24
Nitrobenzene
Concen: 41.760 ng
RT: 7.569 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Tgt Ion: 77 Resp: 883243
Ion Ratio Lower Upper
77 100
123 41.8 35.8 53.6
65 13.1 10.9 16.3





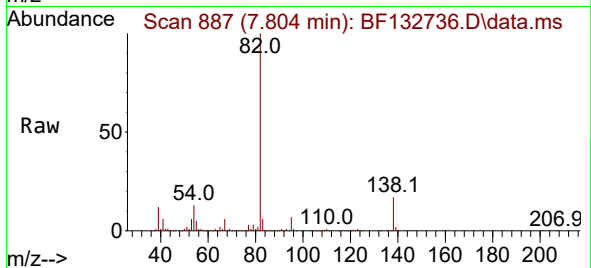
#25
Isophorone
Concen: 43.542 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB151310BS

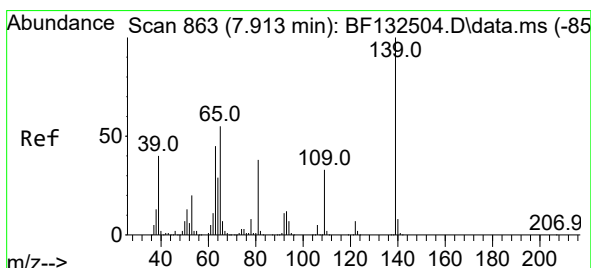
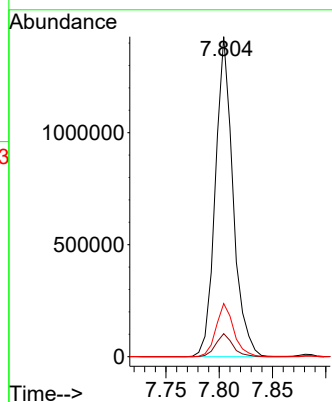
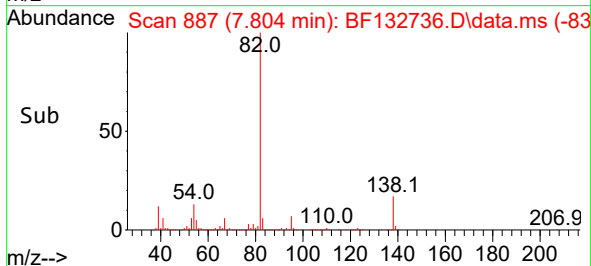


Tgt Ion: 82 Resp: 1650934
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 16.6 13.3 19.9

Manual Integrations

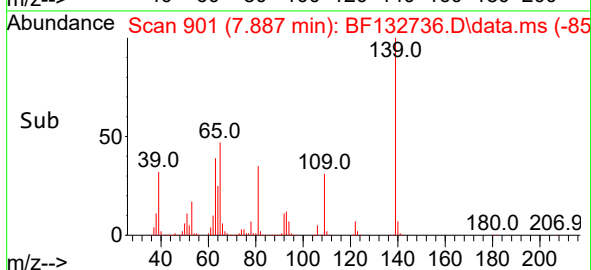
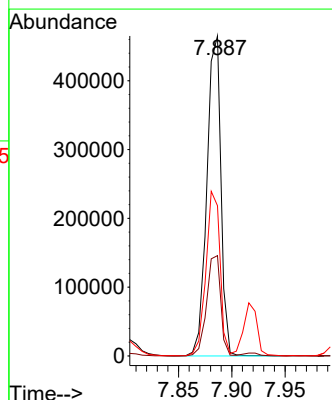
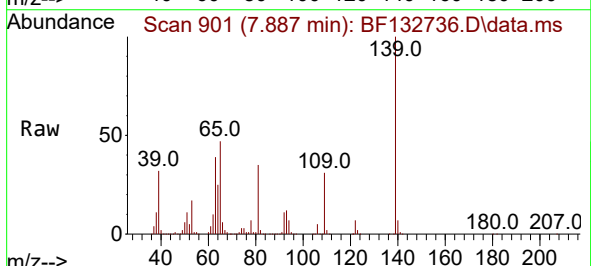
APPROVED

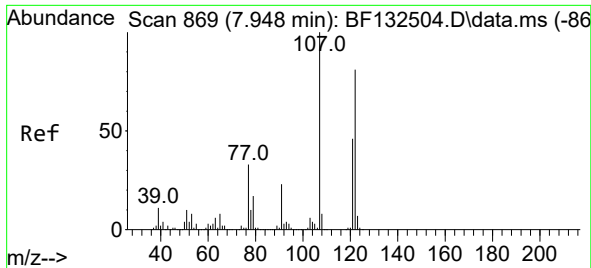
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#26
2-Nitrophenol
Concen: 45.943 ng
RT: 7.887 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

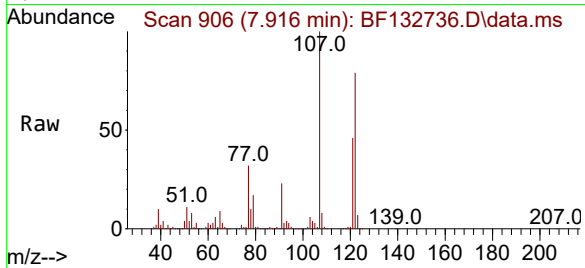
Tgt Ion:139 Resp: 428739
Ion Ratio Lower Upper
139 100
109 31.3 26.2 39.2
65 47.0 43.8 65.8





#27
2,4-Dimethylphenol
Concen: 44.324 ng
RT: 7.916 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

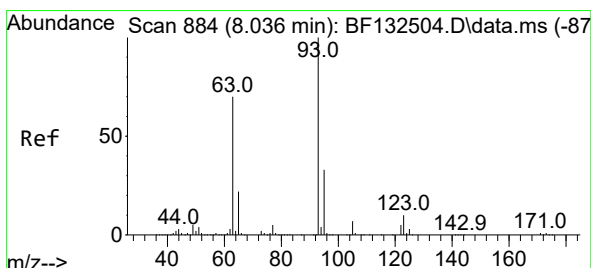
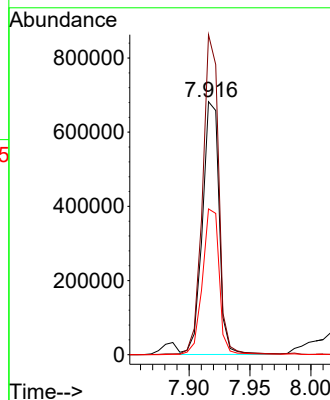
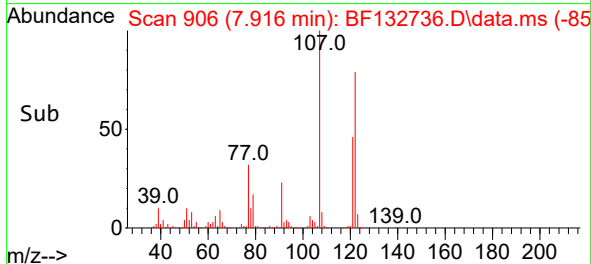
Instrument :
BNA_F
ClientSampleId :
PB151310BS



Tgt Ion:122 Resp: 652824
Ion Ratio Lower Upper
122 100
107 126.5 98.7 148.1
121 57.6 45.8 68.6

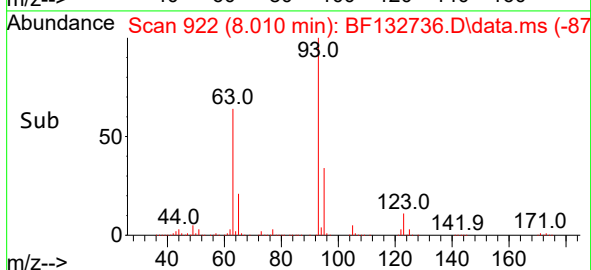
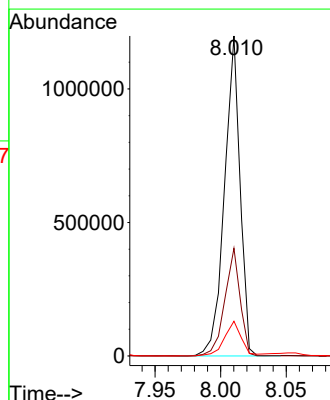
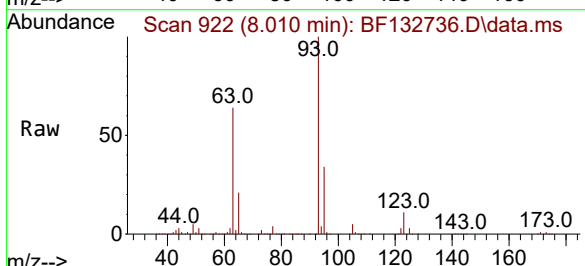
Manual Integrations
APPROVED

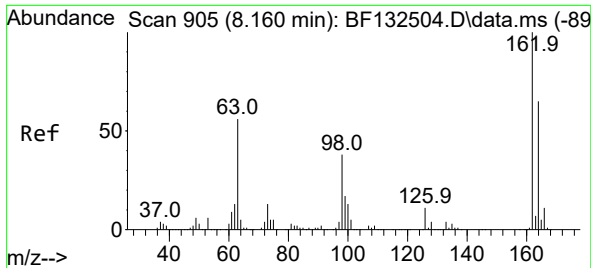
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#28
bis(2-Chloroethoxy)methane
Concen: 44.551 ng
RT: 8.010 min Scan# 922
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Tgt Ion: 93 Resp: 988159
Ion Ratio Lower Upper
93 100
95 33.7 26.3 39.5
123 10.8 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 44.018 ng

RT: 8.128 min Scan# 942

Delta R.T. -0.006 min

Lab File: BF132736.D

Acq: 10 Mar 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB151310BS

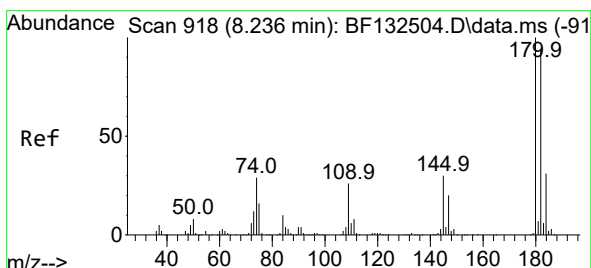
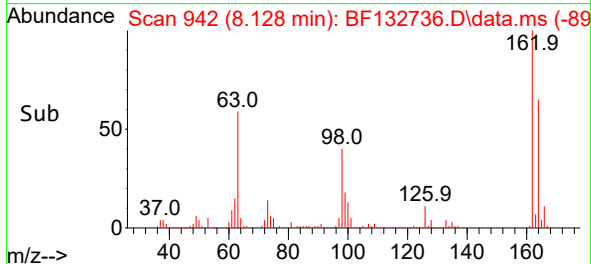
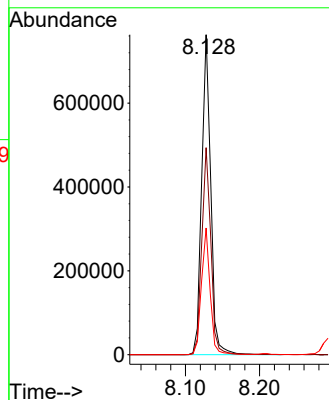
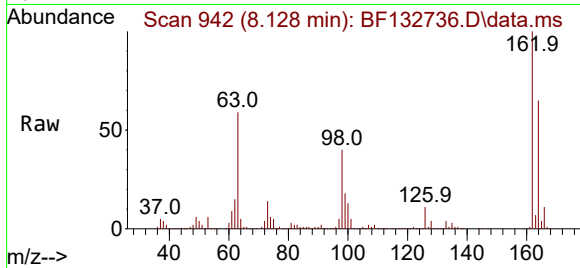
Tgt Ion:162 Resp: 644922
 Ion Ratio Lower Upper
 162 100
 164 64.7 45.3 85.3
 98 39.6 17.9 57.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/13/2023

Supervised By :Jagrut Upadhyay 03/13/2023



#30

1,2,4-Trichlorobenzene

Concen: 46.178 ng

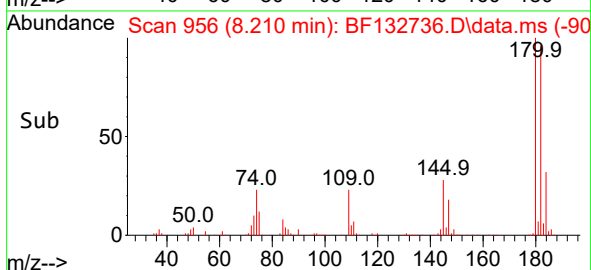
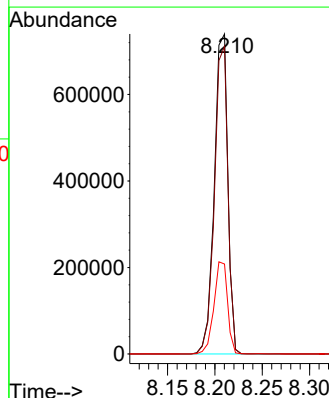
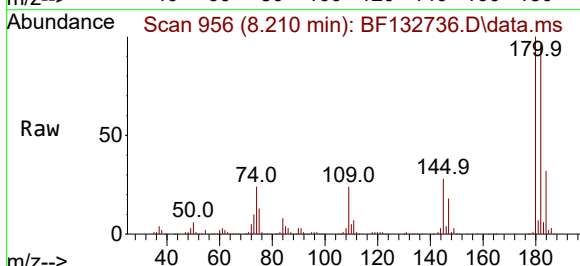
RT: 8.210 min Scan# 956

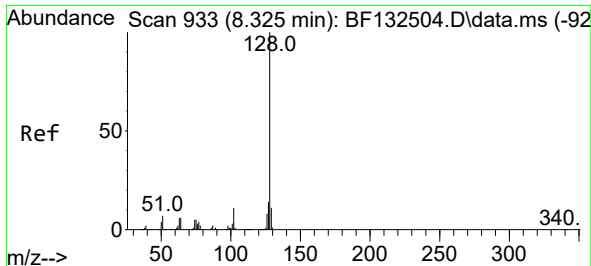
Delta R.T. 0.000 min

Lab File: BF132736.D

Acq: 10 Mar 2023 12:16

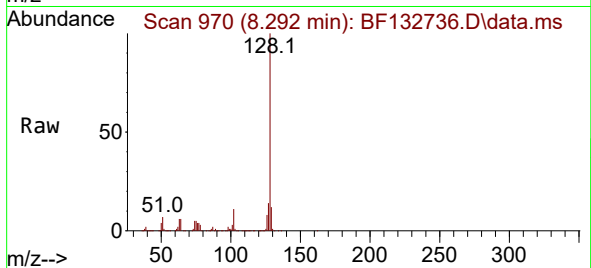
Tgt Ion:180 Resp: 734651
 Ion Ratio Lower Upper
 180 100
 182 96.1 75.1 112.7
 145 28.1 23.8 35.6





#31
Naphthalene
Concen: 42.361 ng
RT: 8.292 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

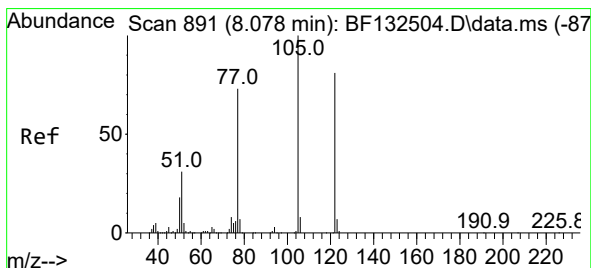
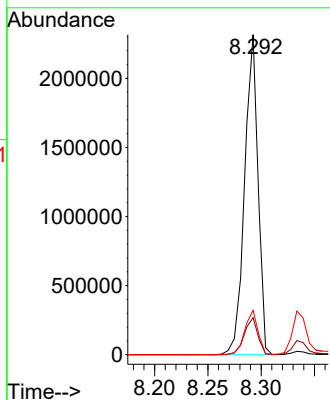
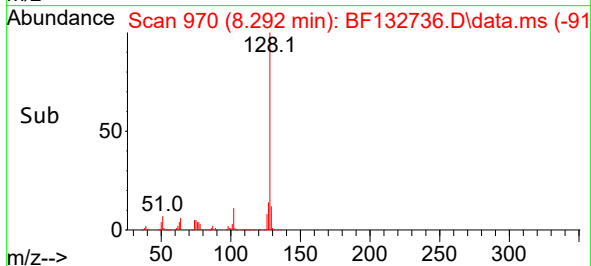
Instrument :
BNA_F
ClientSampleId :
PB151310BS



Tgt Ion:128 Resp: 2034774
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.9 11.0 16.6

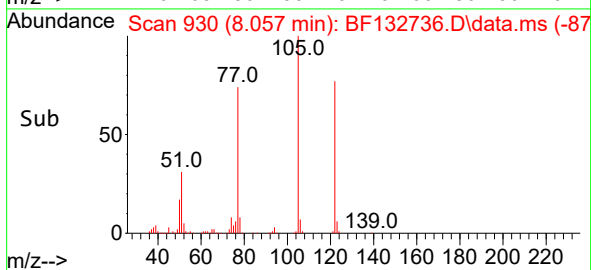
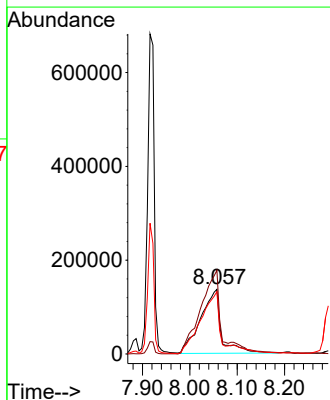
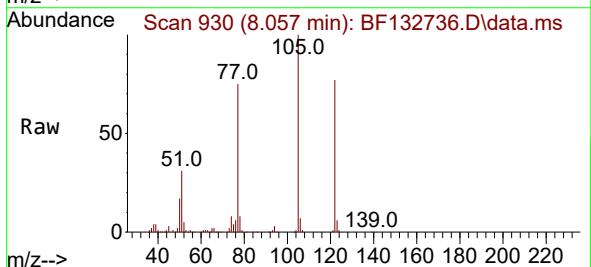
Manual Integrations
APPROVED

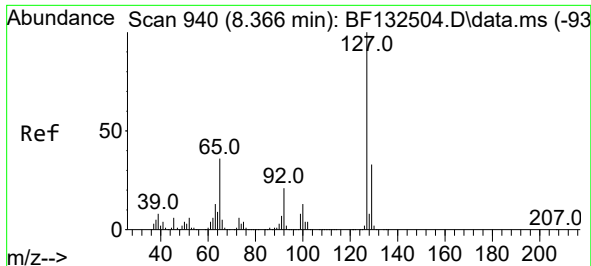
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#32
Benzoic acid
Concen: 37.011 ng
RT: 8.057 min Scan# 930
Delta R.T. 0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Tgt Ion:122 Resp: 418485
Ion Ratio Lower Upper
122 100
105 129.3 102.6 142.6
77 96.4 70.2 110.2





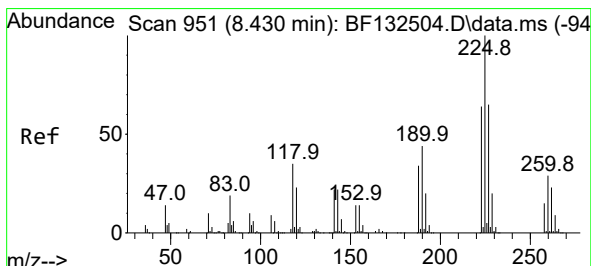
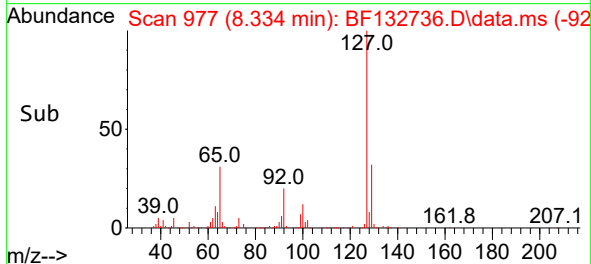
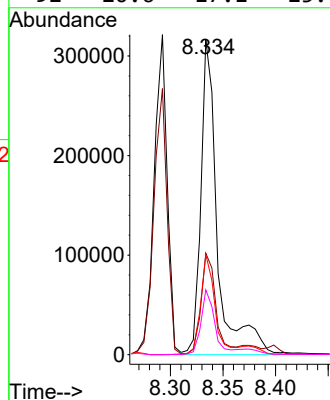
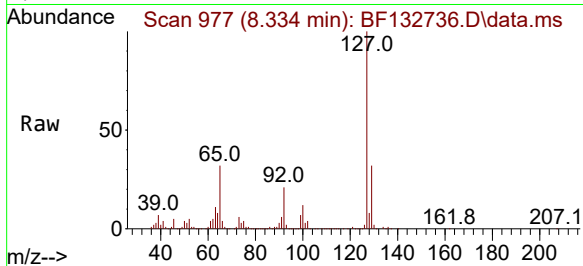
#33
4-Chloroaniline
Concen: 16.951 ng m
RT: 8.334 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Instrument :
BNA_F
ClientSampleId :
PB151310BS

Tgt Ion:	127	Resp:	34890
Ion Ratio	Lower	Upper	
127	100		
129	32.2	26.4	39.6
65	31.8	28.8	43.2
92	20.6	17.1	25.7

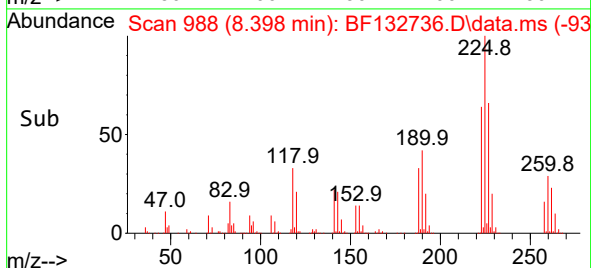
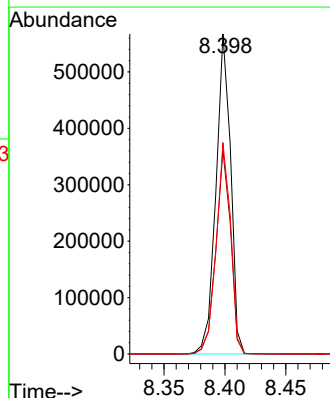
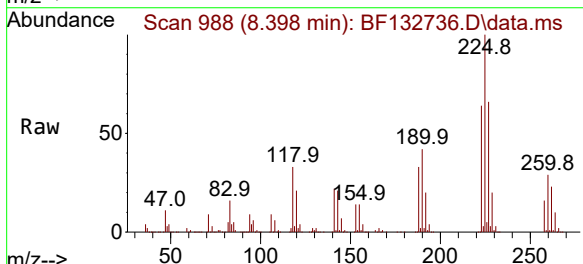
Manual Integrations
APPROVED

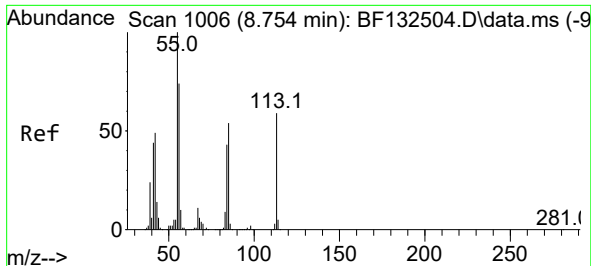
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#34
Hexachlorobutadiene
Concen: 46.993 ng
RT: 8.398 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

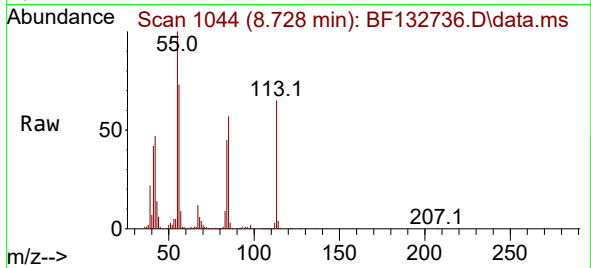
Tgt Ion:	225	Resp:	475079
Ion Ratio	Lower	Upper	
225	100		
223	63.6	51.0	76.4
227	66.0	51.7	77.5





#35
Caprolactam
Concen: 45.696 ng m
RT: 8.728 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

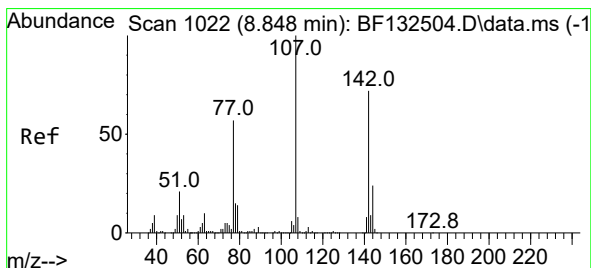
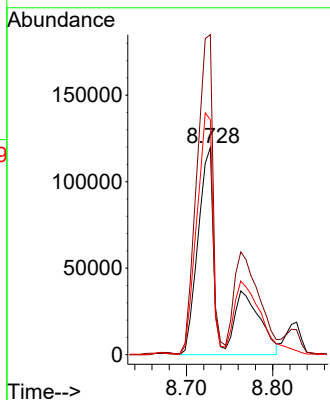
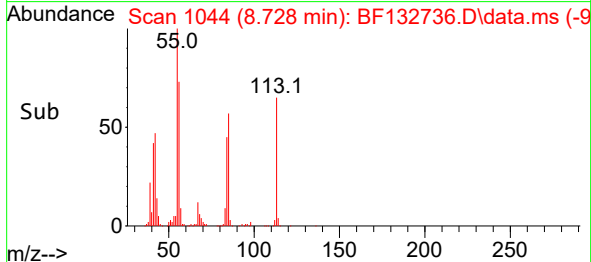
Instrument :
BNA_F
ClientSampleId :
PB151310BS



Tgt Ion:113 Resp: 220719
Ion Ratio Lower Upper
113 100
55 154.5 149.4 189.4
56 113.5 105.0 145.0

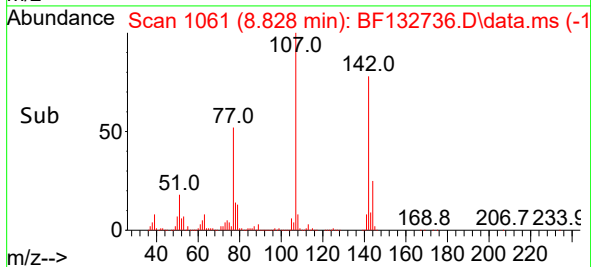
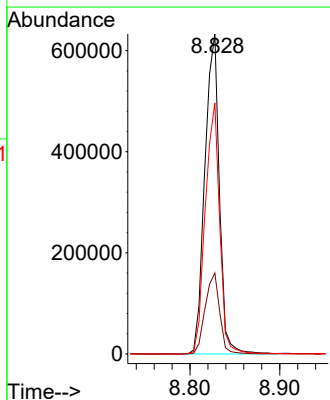
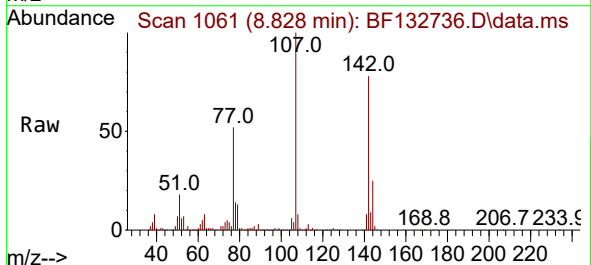
Manual Integrations
APPROVED

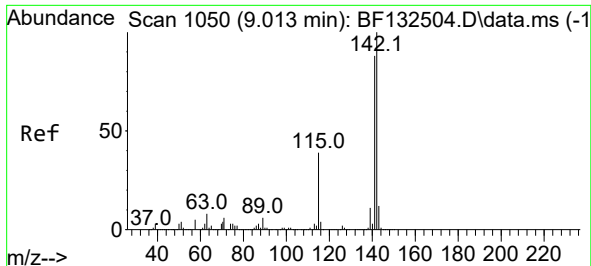
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#36
4-Chloro-3-methylphenol
Concen: 44.176 ng
RT: 8.828 min Scan# 1061
Delta R.T. 0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Tgt Ion:107 Resp: 710793
Ion Ratio Lower Upper
107 100
144 25.3 18.9 28.3
142 78.4 57.9 86.9





#37
2-Methylnaphthalene
Concen: 41.642 ng
RT: 8.981 min Scan# 1104
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Instrument :

BNA_F

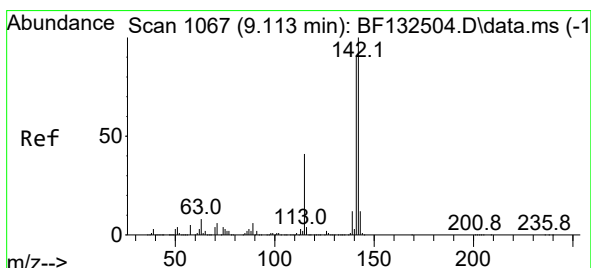
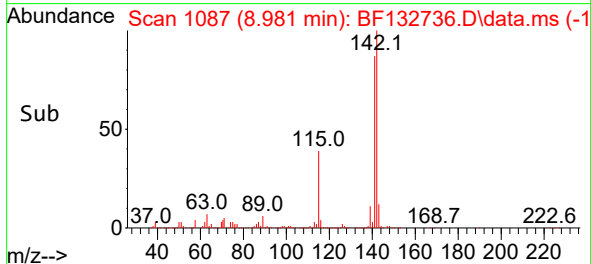
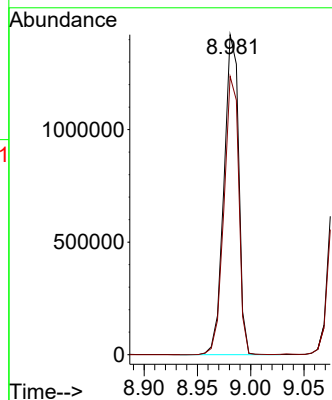
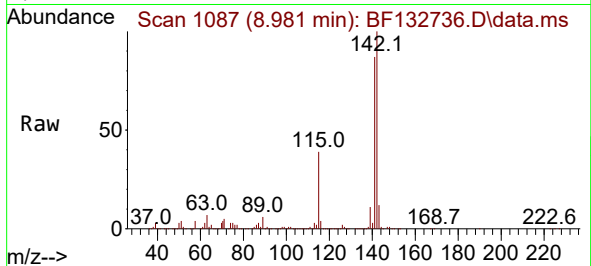
ClientSampleId :

PB151310BS

Tgt Ion:142 Resp: 136312
Ion Ratio Lower Upper
142 100
141 86.9 70.2 105.2

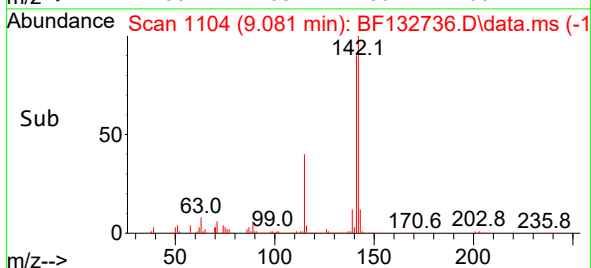
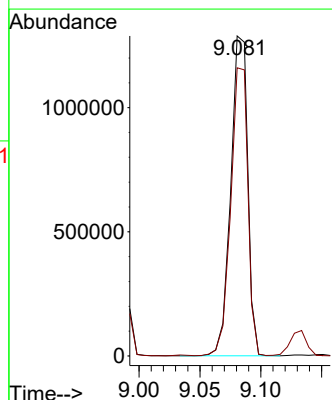
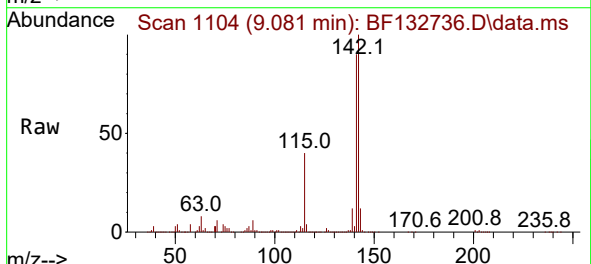
Manual Integrations
APPROVED

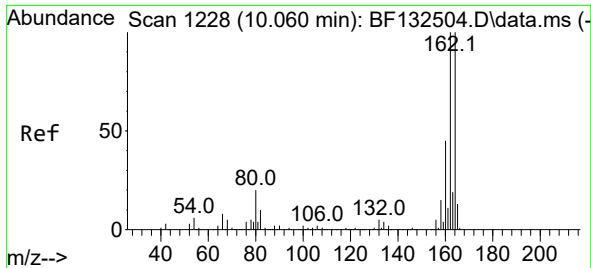
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#38
1-Methylnaphthalene
Concen: 41.061 ng
RT: 9.081 min Scan# 1104
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

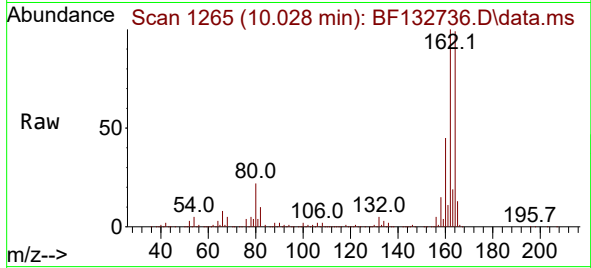
Tgt Ion:142 Resp: 1256125
Ion Ratio Lower Upper
142 100
141 90.1 73.0 109.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.028 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

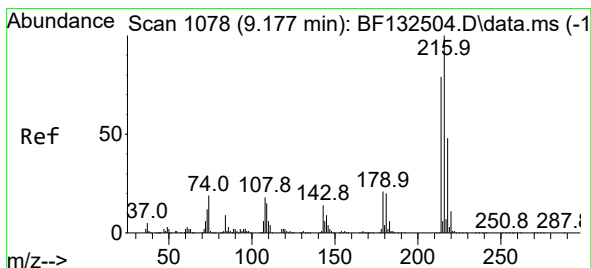
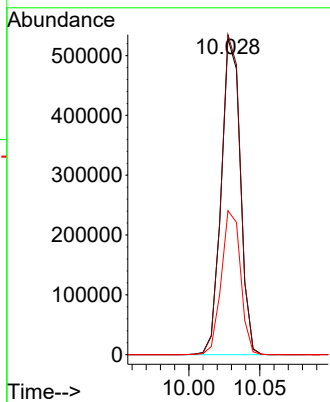
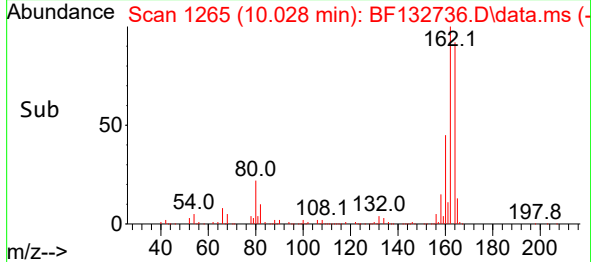
Instrument :
BNA_F
ClientSampleId :
PB151310BS



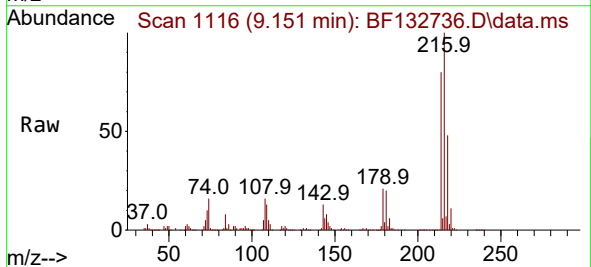
Tgt Ion:164 Resp: 49162
Ion Ratio Lower Upper
164 100
162 101.2 79.8 119.8
160 45.5 35.8 53.6

Manual Integrations
APPROVED

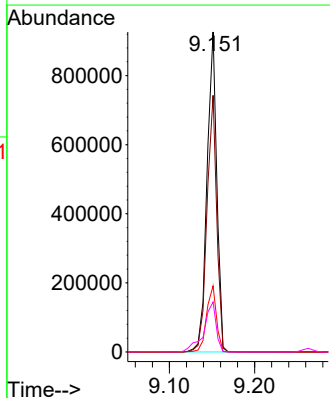
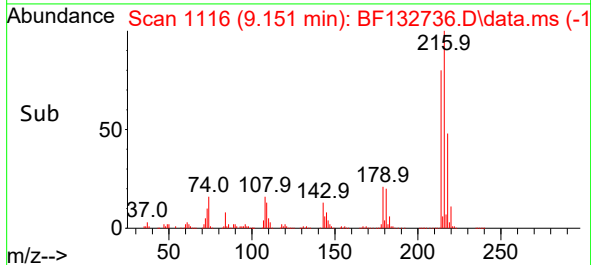
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

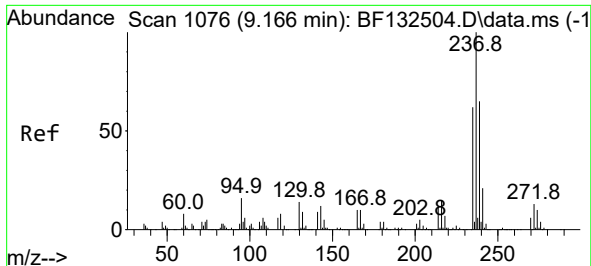


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.722 ng
RT: 9.151 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16



Tgt Ion:216 Resp: 735419
Ion Ratio Lower Upper
216 100
214 80.0 63.0 94.6
179 20.7 16.6 24.8
108 19.8 15.4 23.0





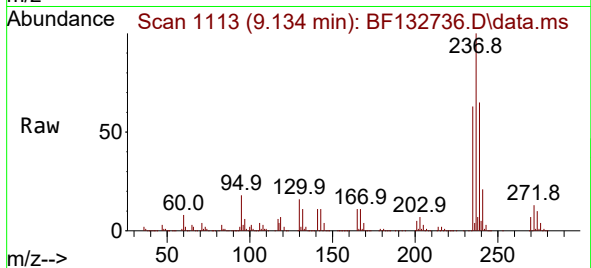
#41
Hexachlorocyclopentadiene
Concen: 98.223 ng
RT: 9.134 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB151310BS

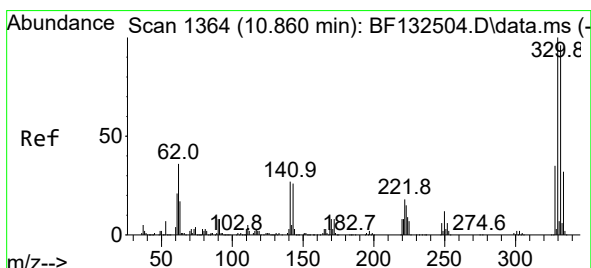
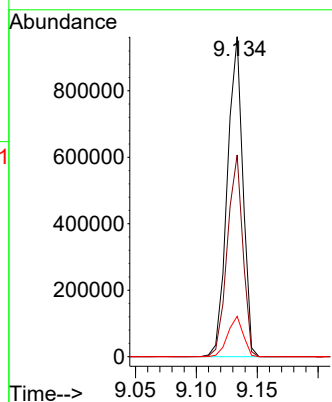
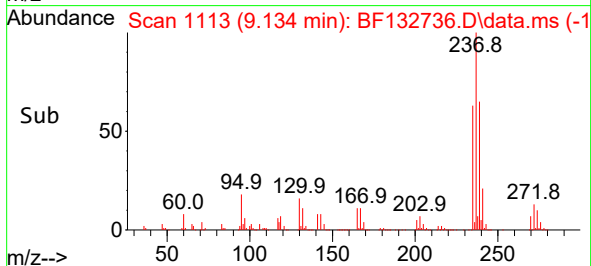


Tgt Ion:237 Resp: 856919
Ion Ratio Lower Upper
237 100
235 63.1 42.4 82.4
272 12.6 0.0 32.7

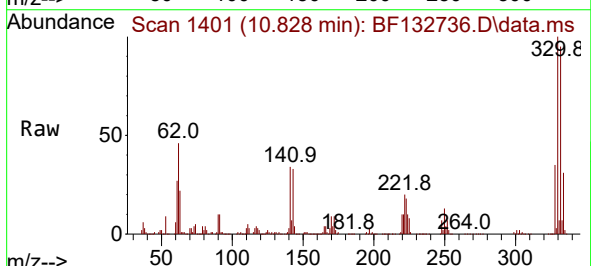
Manual Integrations

APPROVED

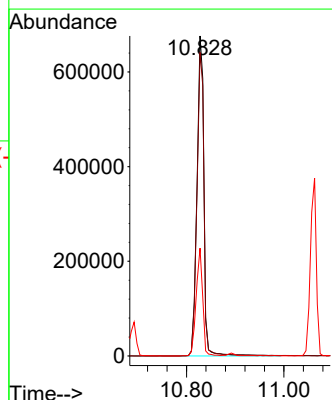
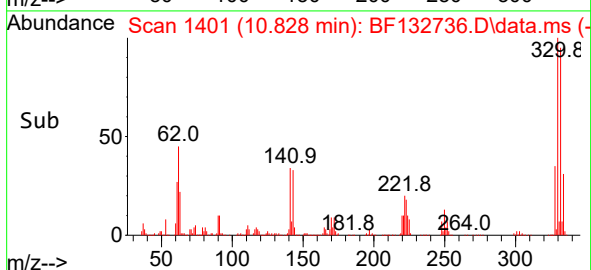
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

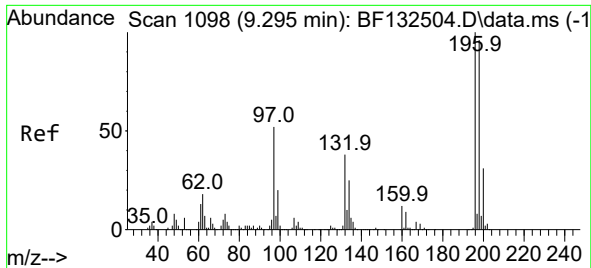


#42
2,4,6-Tribromophenol
Concen: 127.369 ng
RT: 10.828 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16



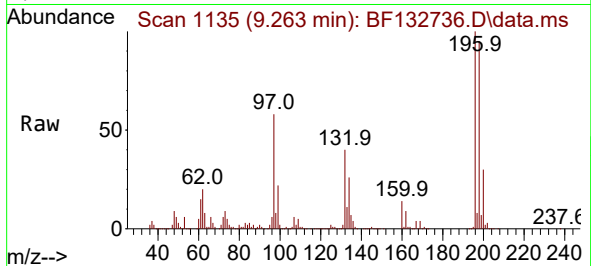
Tgt Ion:330 Resp: 676243
Ion Ratio Lower Upper
330 100
332 95.2 76.2 114.4
141 31.6 28.4 42.6





#43
2,4,6-Trichlorophenol
Concen: 44.509 ng
RT: 9.263 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

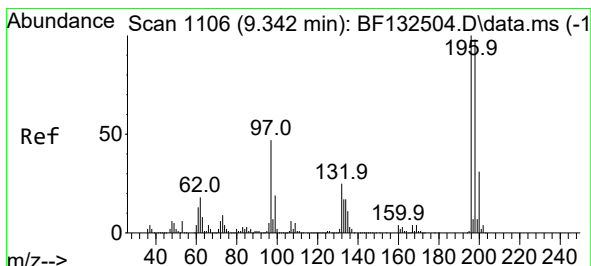
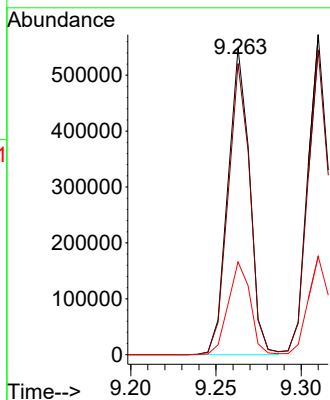
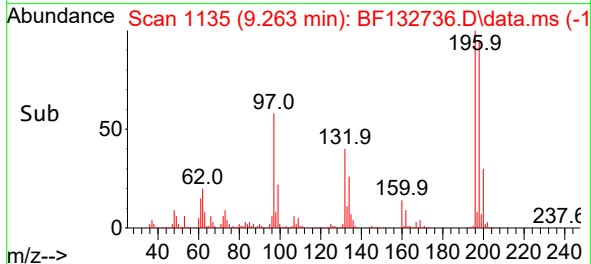
Instrument :
BNA_F
ClientSampleId :
PB151310BS



Tgt Ion:196 Resp: 48517
Ion Ratio Lower Upper
196 100
198 94.9 77.1 115.7
200 30.2 25.0 37.4

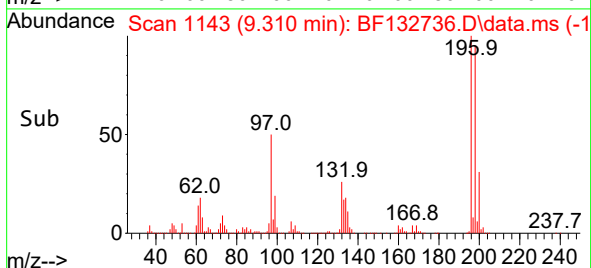
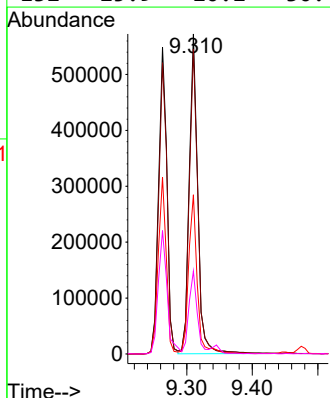
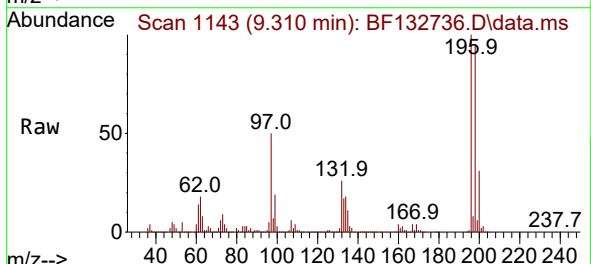
Manual Integrations
APPROVED

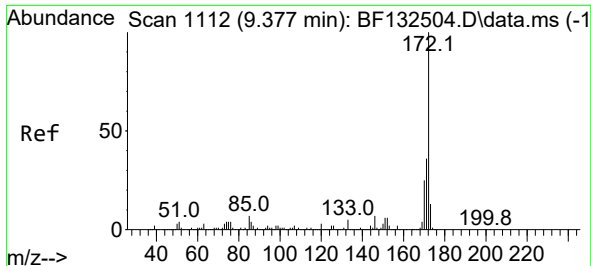
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#44
2,4,5-Trichlorophenol
Concen: 40.709 ng
RT: 9.310 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Tgt Ion:196 Resp: 517914
Ion Ratio Lower Upper
196 100
198 95.2 78.3 117.5
97 49.8 38.1 57.1
132 25.9 20.2 30.4





#45
2-Fluorobiphenyl
Concen: 77.732 ng
RT: 9.345 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Instrument :

BNA_F

ClientSampleId :

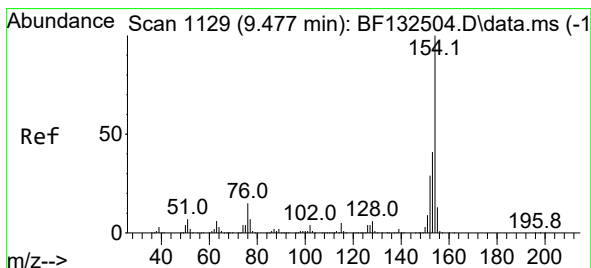
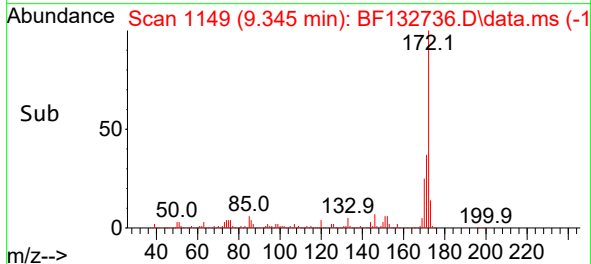
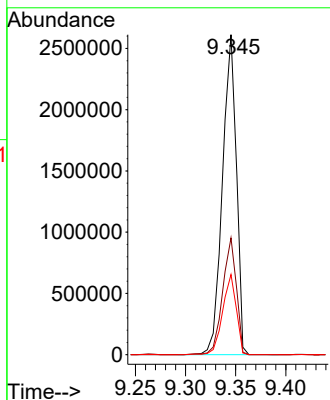
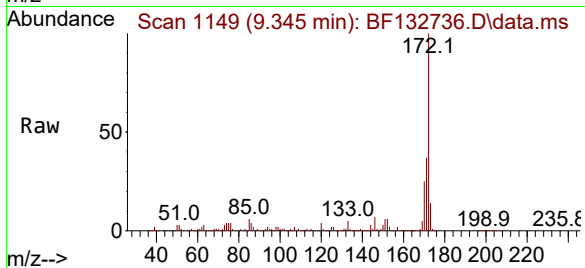
PB151310BS

Tgt Ion:172 Resp: 2509720
Ion Ratio Lower Upper
172 100
171 36.5 28.8 43.2
170 25.0 19.7 29.5

Manual Integrations

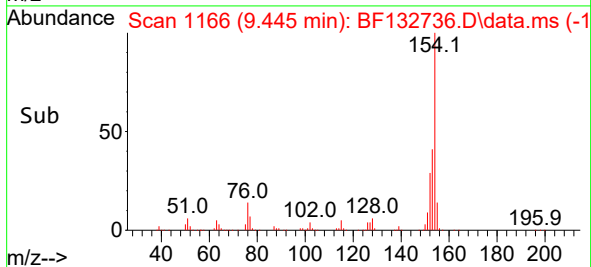
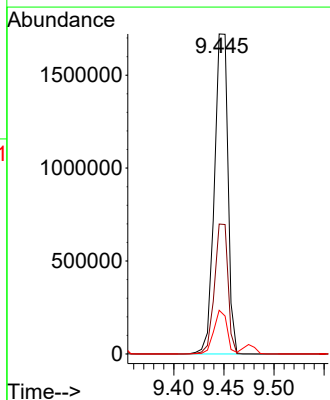
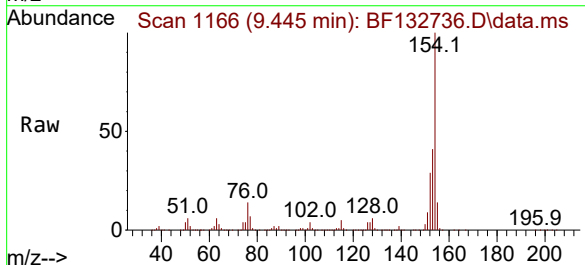
APPROVED

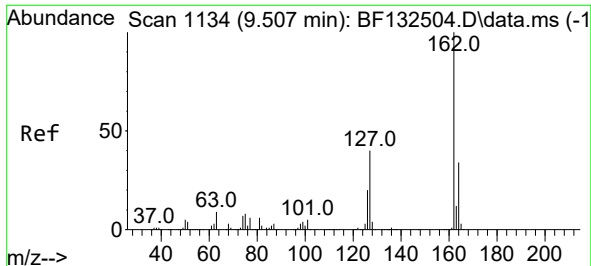
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#46
1,1'-Biphenyl
Concen: 43.556 ng
RT: 9.445 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Tgt Ion:154 Resp: 1620719
Ion Ratio Lower Upper
154 100
153 40.6 20.9 60.9
76 13.7 0.0 34.7





#47
2-Chloronaphthalene
Concen: 44.374 ng
RT: 9.475 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Instrument :

BNA_F

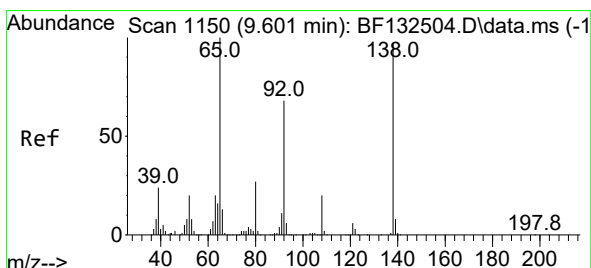
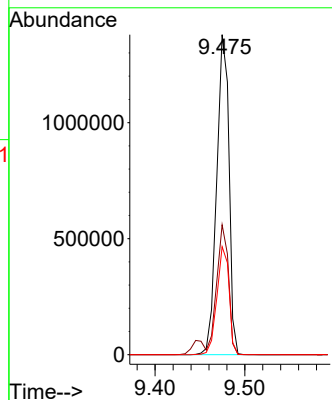
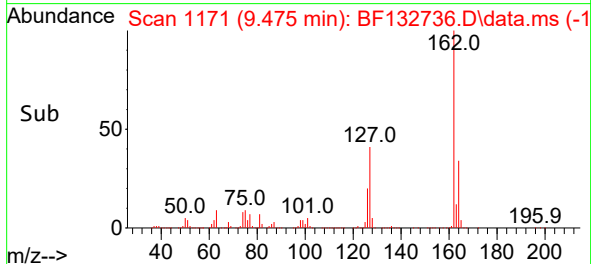
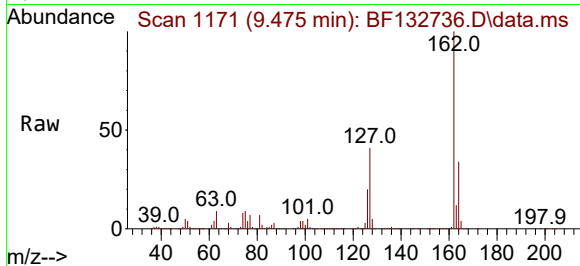
ClientSampleId :

PB151310BS

Tgt Ion:162 Resp: 1309120
Ion Ratio Lower Upper
162 100
127 40.6 32.3 48.5
164 33.7 26.9 40.3

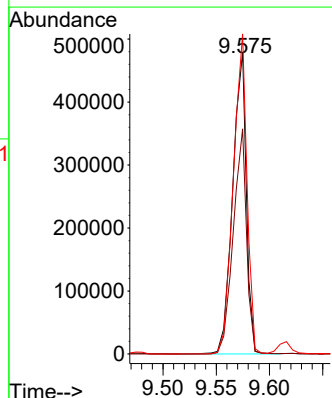
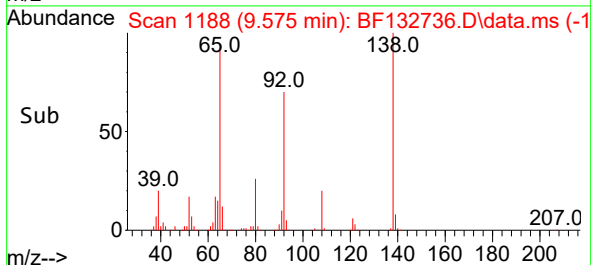
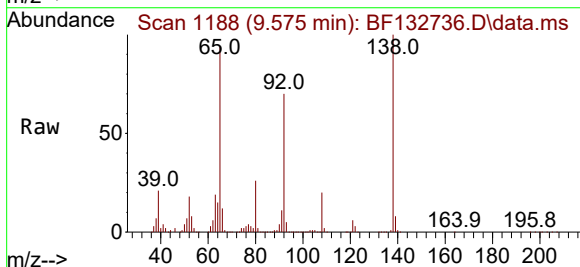
Manual Integrations
APPROVED

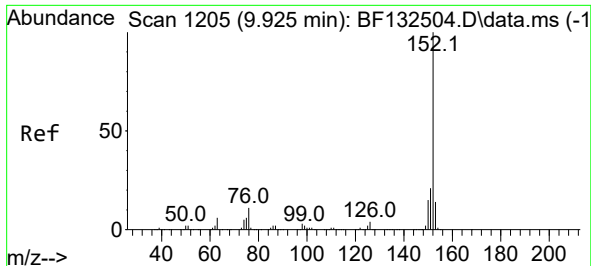
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#48
2-Nitroaniline
Concen: 39.300 ng
RT: 9.575 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Tgt Ion: 65 Resp: 427017
Ion Ratio Lower Upper
65 100
92 74.6 54.5 81.7
138 106.1 77.2 115.8





#49

Acenaphthylene

Concen: 41.976 ng

RT: 9.892 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF132736.D

Acq: 10 Mar 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB151310BS

Tgt Ion:152 Resp: 1970909

Ion Ratio Lower Upper

152 100

151 20.8 16.4 24.6

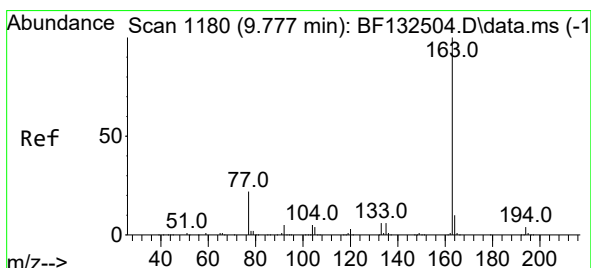
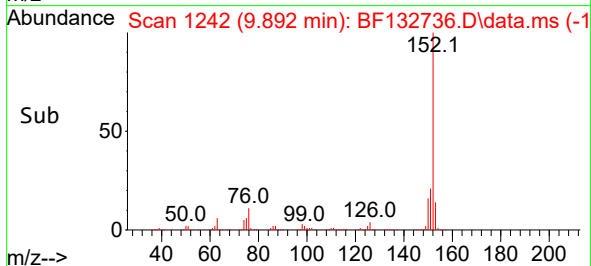
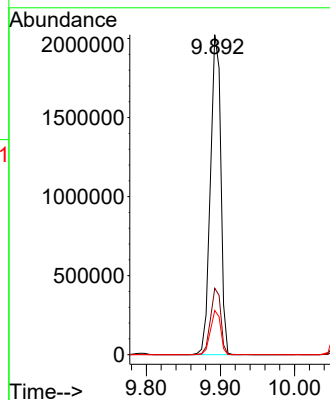
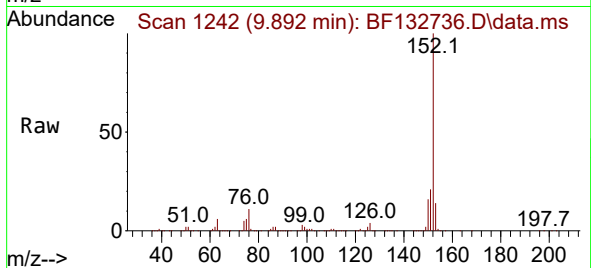
153 13.8 11.0 16.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/13/2023

Supervised By :Jagrut Upadhyay 03/13/2023



#50

Dimethylphthalate

Concen: 44.391 ng

RT: 9.745 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF132736.D

Acq: 10 Mar 2023 12:16

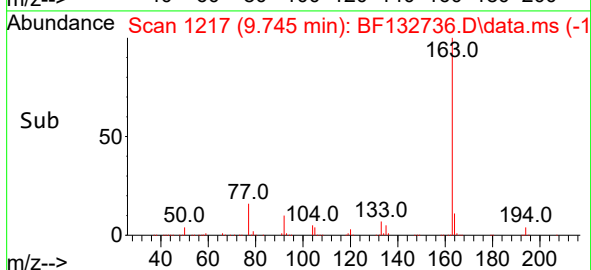
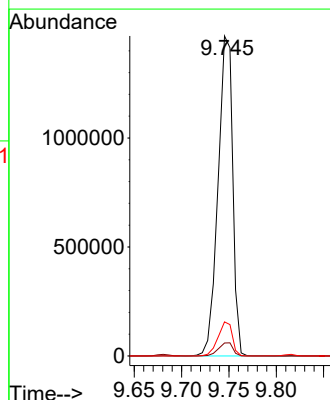
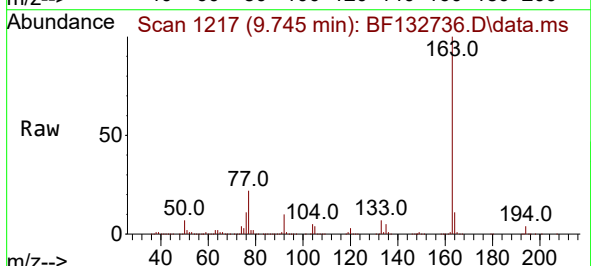
Tgt Ion:163 Resp: 1589030

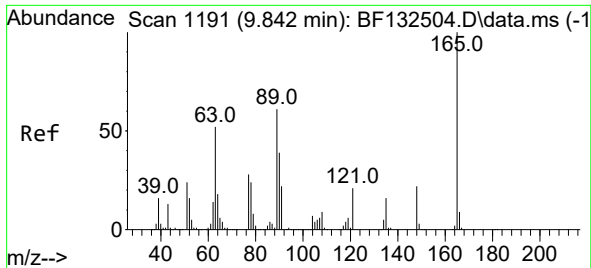
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

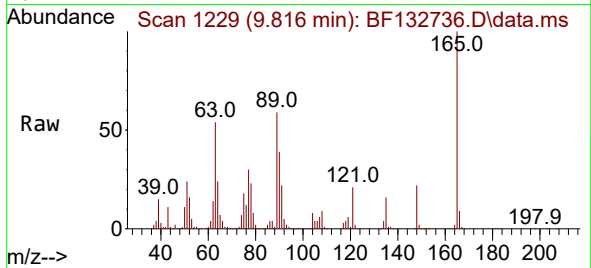
164 10.7 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 44.042 ng
RT: 9.816 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

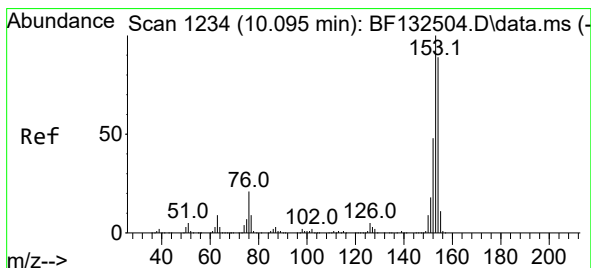
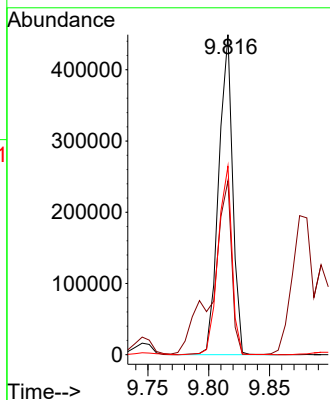
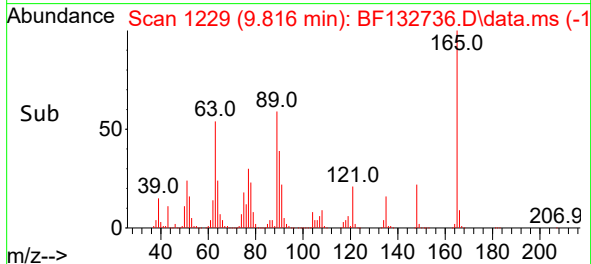
Instrument :
BNA_F
ClientSampleId :
PB151310BS



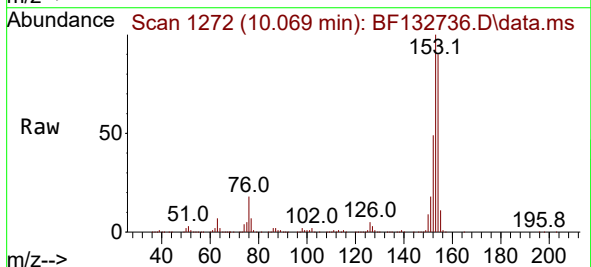
Tgt Ion:165 Resp: 35904
Ion Ratio Lower Upper
165 100
63 54.4 47.3 70.9
89 58.9 48.9 73.3

Manual Integrations
APPROVED

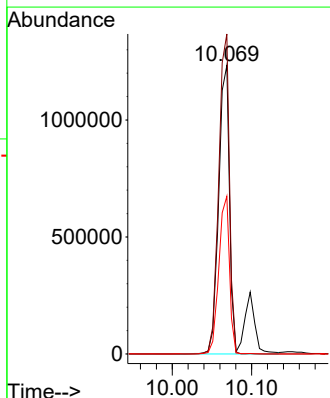
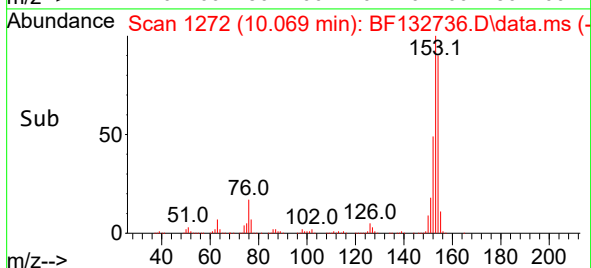
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

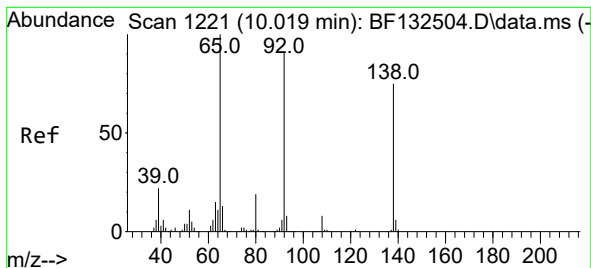


#52
Acenaphthene
Concen: 46.807 ng m
RT: 10.069 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16



Tgt Ion:154 Resp: 1395521
Ion Ratio Lower Upper
154 100
153 110.9 89.8 134.8
152 54.6 43.3 64.9





#53
3-Nitroaniline
Concen: 27.645 ng
RT: 9.986 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Instrument :

BNA_F

ClientSampleId :

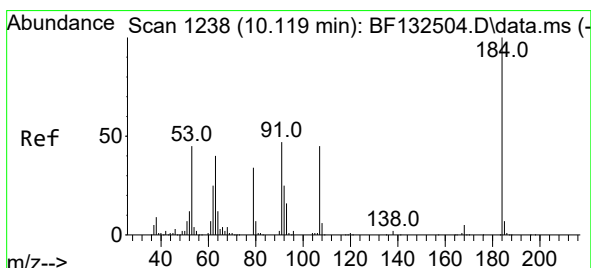
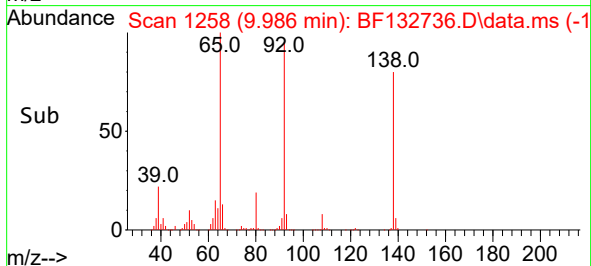
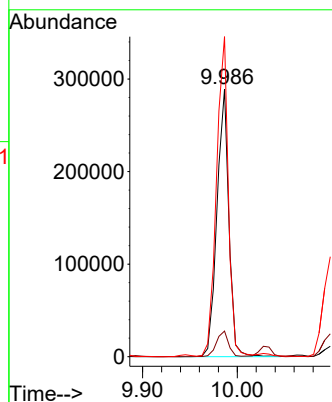
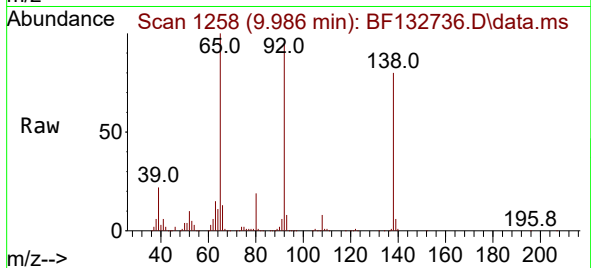
PB151310BS

Tgt Ion:138 Resp: 25210
Ion Ratio Lower Upper
138 100
108 9.6 8.1 12.1
92 119.6 97.2 145.8

Manual Integrations

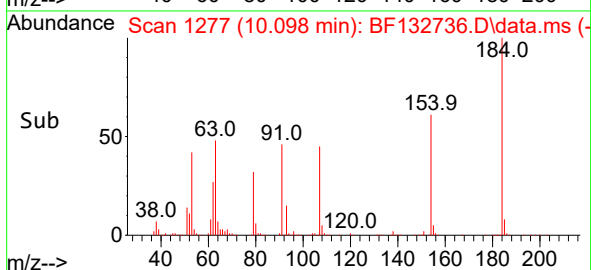
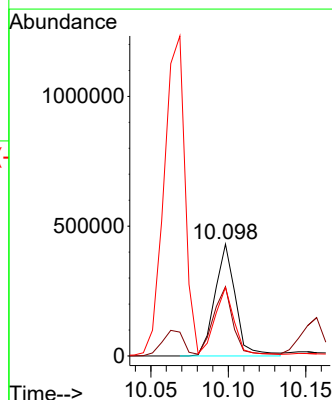
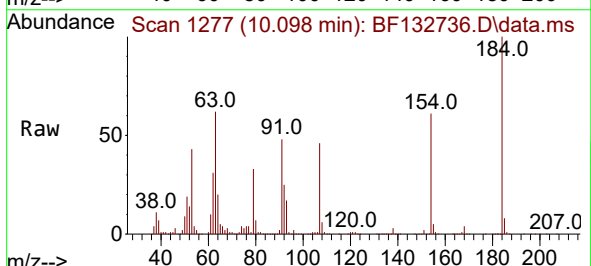
APPROVED

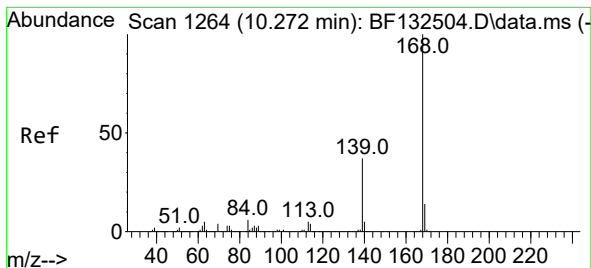
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#54
2,4-Dinitrophenol
Concen: 77.709 ng
RT: 10.098 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

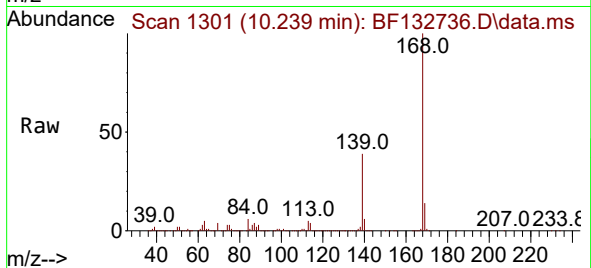
Tgt Ion:184 Resp: 398931
Ion Ratio Lower Upper
184 100
63 61.9 51.4 77.2
154 61.5 48.3 72.5





#55
Dibenzenofuran
Concen: 40.933 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

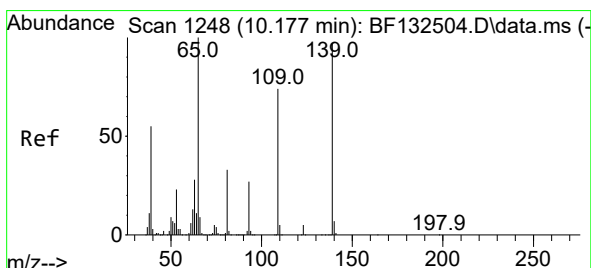
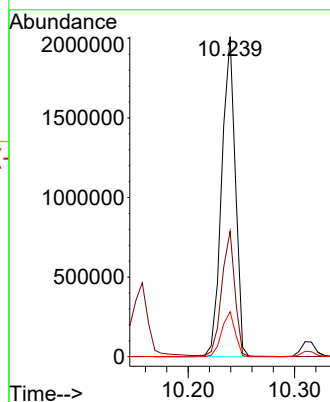
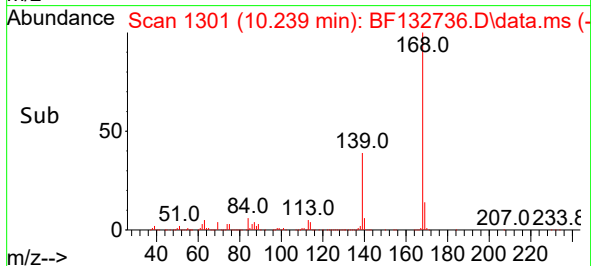
Instrument :
BNA_F
ClientSampleId :
PB151310BS



Tgt Ion:168 Resp: 1779149
Ion Ratio Lower Upper
168 100
139 39.2 29.8 44.6
169 14.1 10.9 16.3

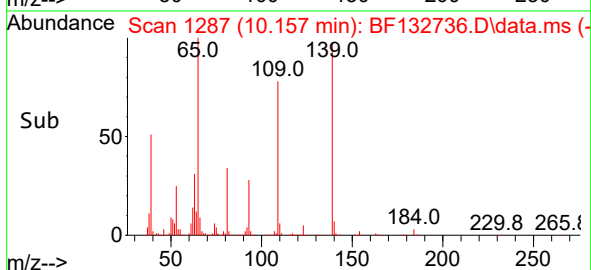
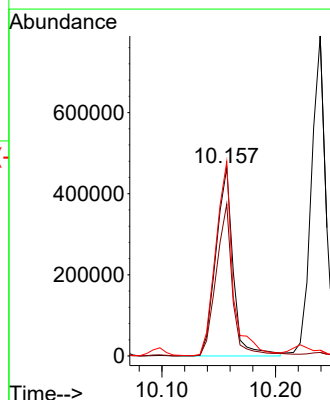
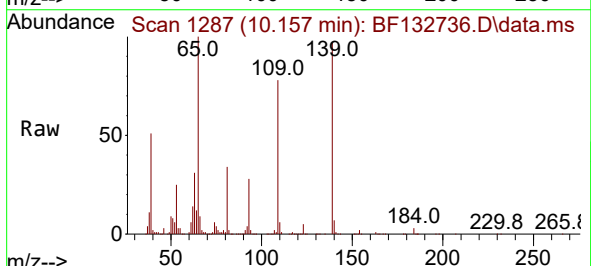
Manual Integrations
APPROVED

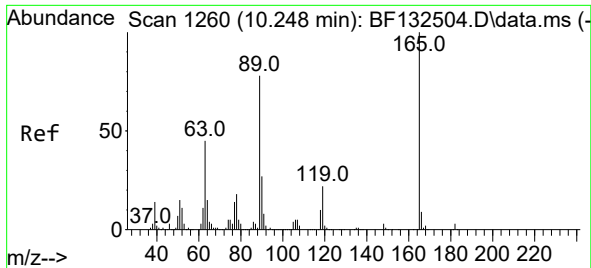
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#56
4-Nitrophenol
Concen: 72.155 ng
RT: 10.157 min Scan# 1287
Delta R.T. 0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Tgt Ion:139 Resp: 490718
Ion Ratio Lower Upper
139 100
109 80.7 56.7 96.7
65 103.3 83.5 123.5





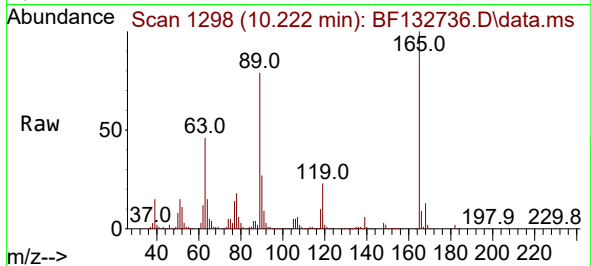
#57
2,4-Dinitrotoluene
Concen: 43.185 ng
RT: 10.222 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB151310BS

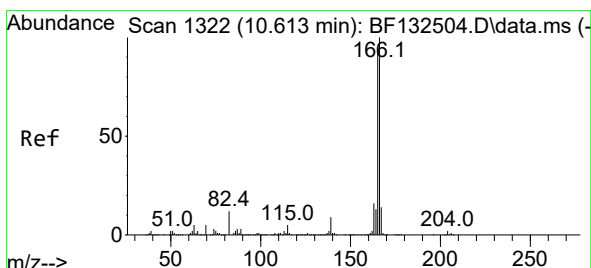
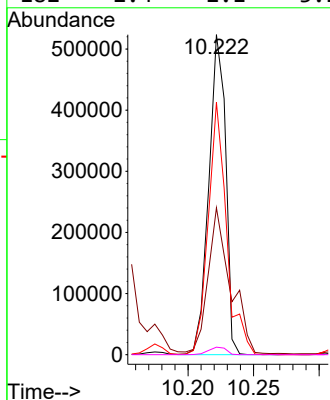
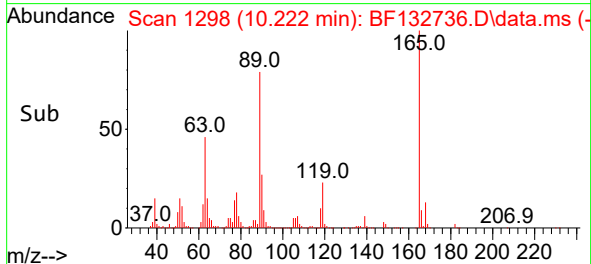


Tgt Ion:165 Resp: 468362
Ion Ratio Lower Upper
165 100
63 45.9 36.5 54.7
89 78.9 62.4 93.6
182 2.4 2.1 3.1

Manual Integrations

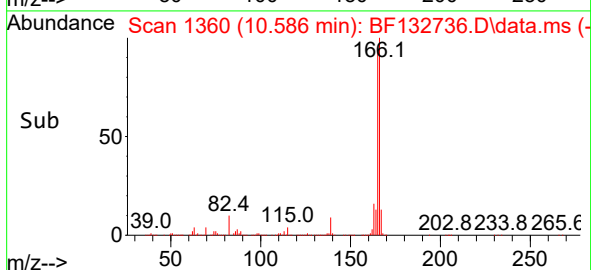
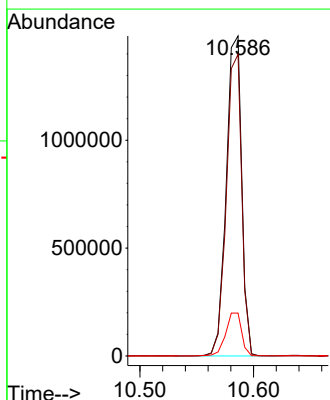
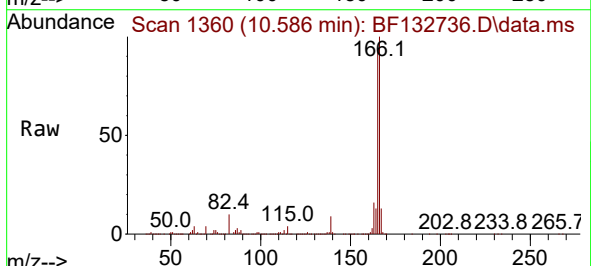
APPROVED

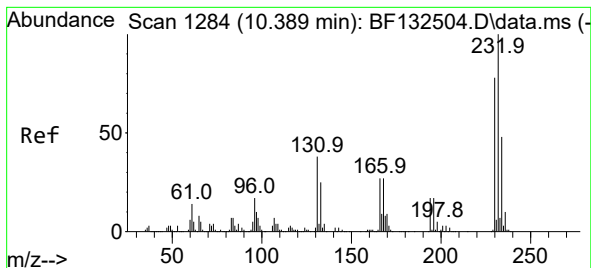
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#58
Fluorene
Concen: 42.174 ng
RT: 10.586 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

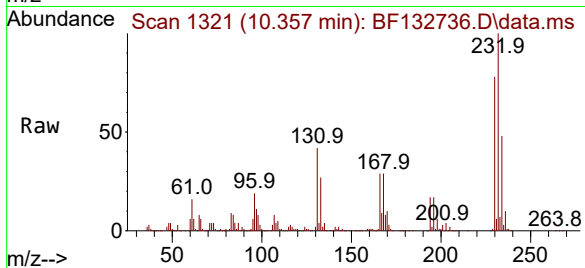
Tgt Ion:166 Resp: 1402141
Ion Ratio Lower Upper
166 100
165 94.2 74.2 111.4
167 13.4 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.434 ng
RT: 10.357 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

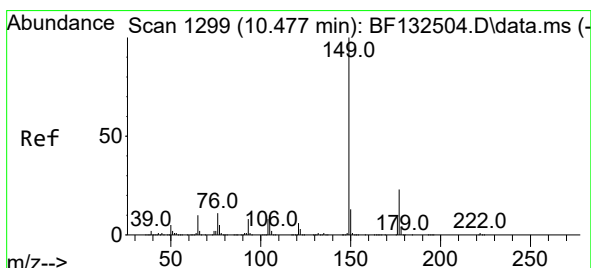
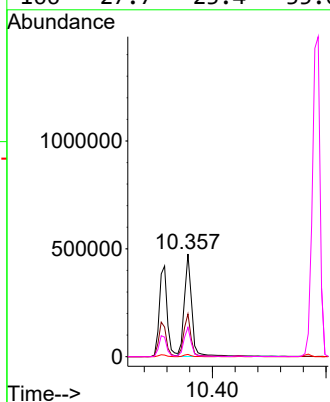
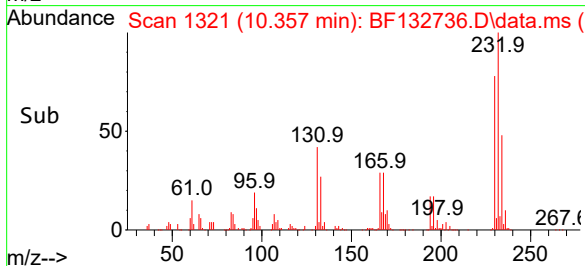
Instrument :
BNA_F
ClientSampleId :
PB151310BS



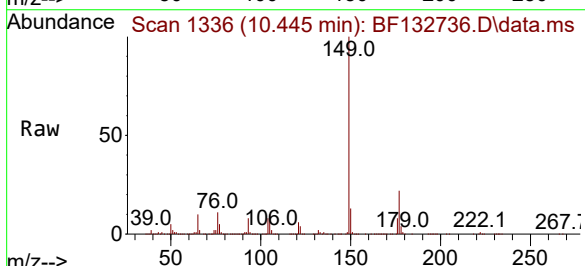
Tgt Ion:232 Resp: 429384
Ion Ratio Lower Upper
232 100
131 40.2 33.8 50.8
130 2.0 1.7 2.5
166 27.7 23.4 35.0

Manual Integrations
APPROVED

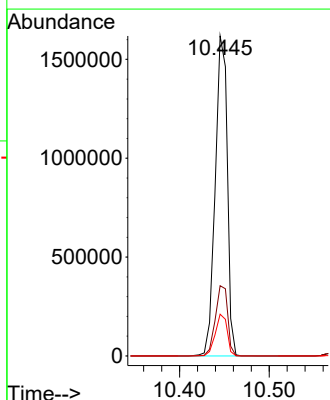
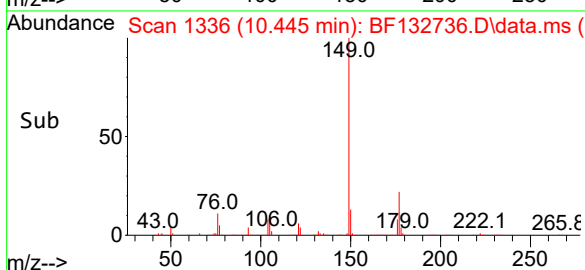
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

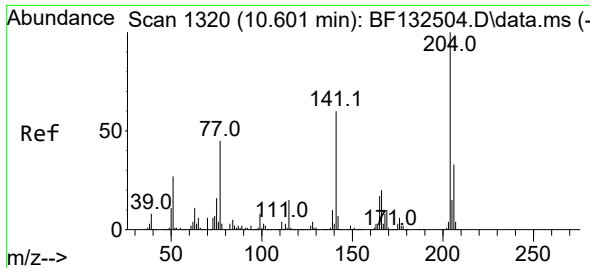


#60
Diethylphthalate
Concen: 43.202 ng
RT: 10.445 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16



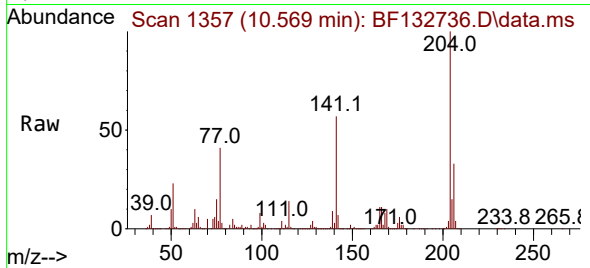
Tgt Ion:149 Resp: 1510351
Ion Ratio Lower Upper
149 100
177 22.0 18.1 27.1
150 13.0 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 43.568 ng
RT: 10.569 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

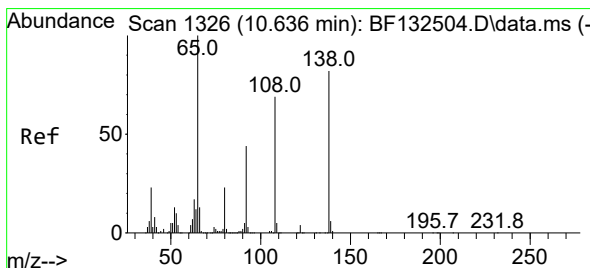
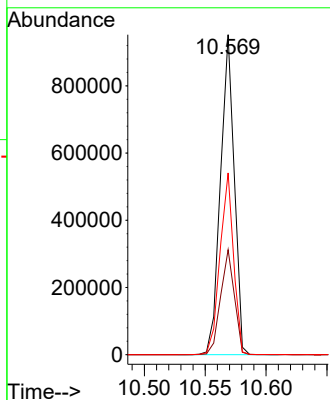
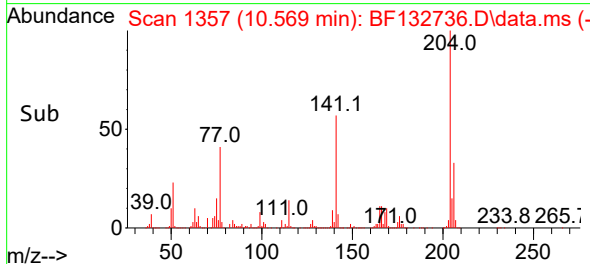
Instrument :
BNA_F
ClientSampleId :
PB151310BS



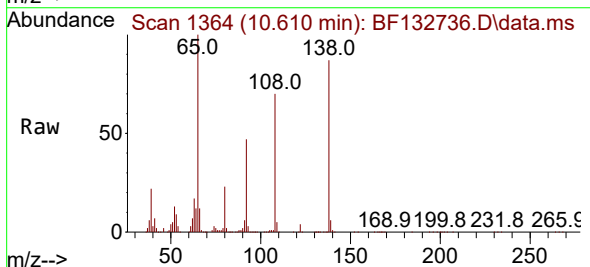
Tgt Ion:204 Resp: 751424
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 56.8 47.8 71.8

Manual Integrations
APPROVED

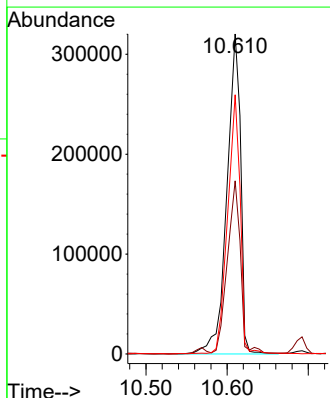
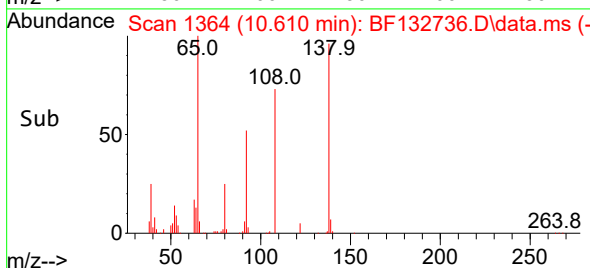
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

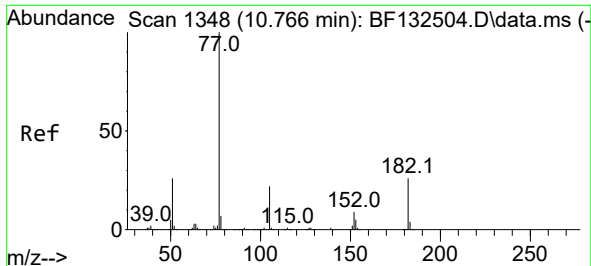


#62
4-Nitroaniline
Concen: 42.083 ng
RT: 10.610 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16



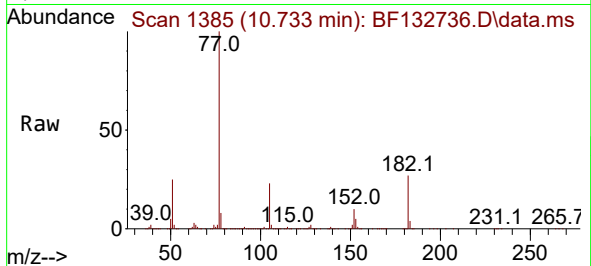
Tgt Ion:138 Resp: 376713
Ion Ratio Lower Upper
138 100
92 54.1 33.8 73.8
108 81.0 63.7 103.7





#63
Azobenzene
Concen: 41.020 ng
RT: 10.733 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

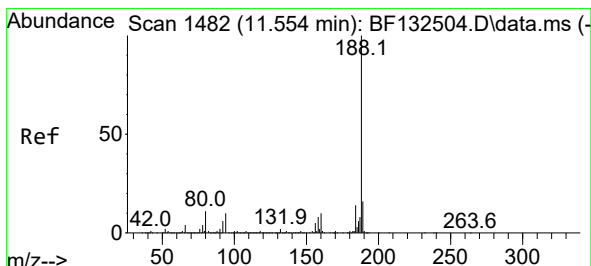
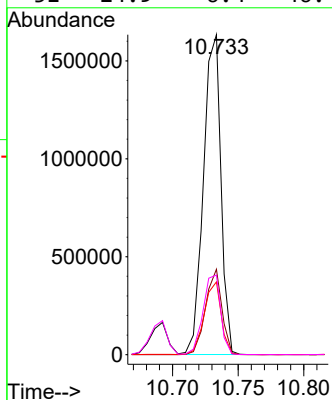
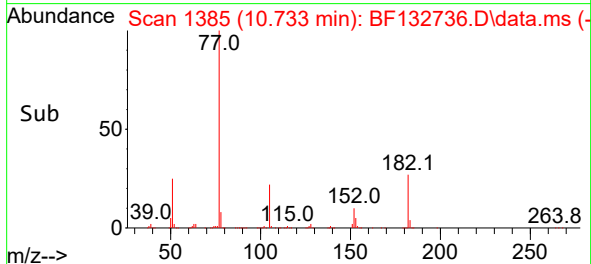
Instrument :
BNA_F
ClientSampleId :
PB151310BS



Tgt Ion: 77 Resp: 1518769
Ion Ratio Lower Upper
77 100
182 26.7 5.5 45.5
105 22.8 1.8 41.8
51 24.9 6.4 46.4

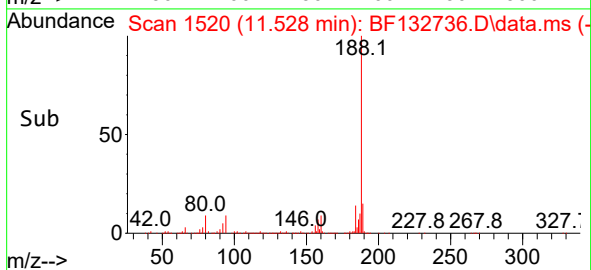
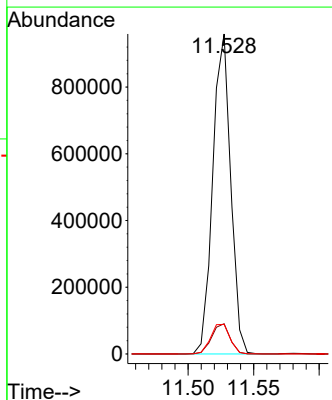
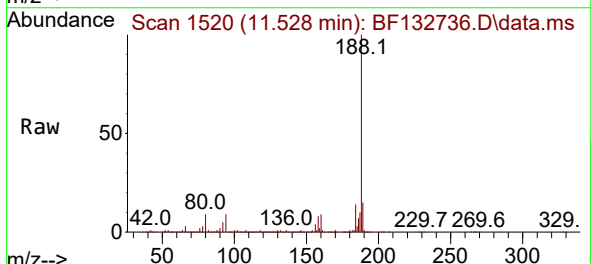
Manual Integrations
APPROVED

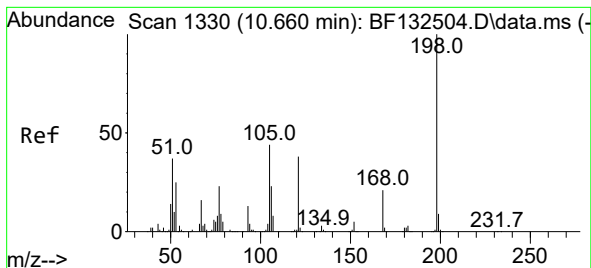
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.528 min Scan# 1520
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Tgt Ion:188 Resp: 908713
Ion Ratio Lower Upper
188 100
94 9.5 8.3 12.5
80 9.2 8.7 13.1





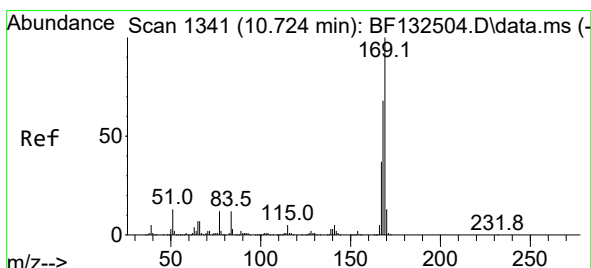
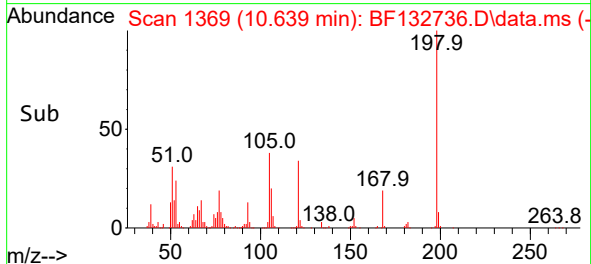
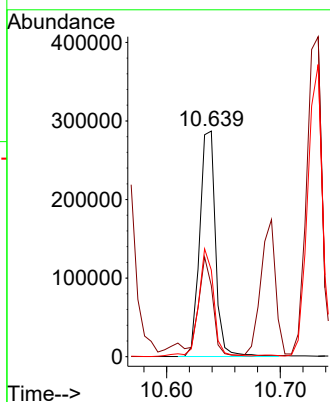
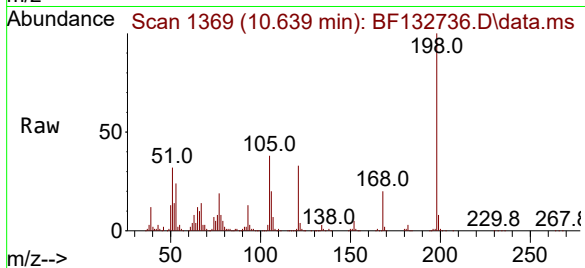
#65
4,6-Dinitro-2-methylphenol
Concen: 45.234 ng
RT: 10.639 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Instrument :
BNA_F
ClientSampleId :
PB151310BS

Tgt Ion:198 Resp: 27826
Ion Ratio Lower Upper
198 100
51 31.5 20.6 60.6
105 38.4 24.3 64.3

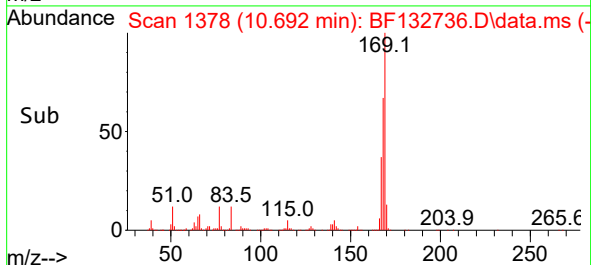
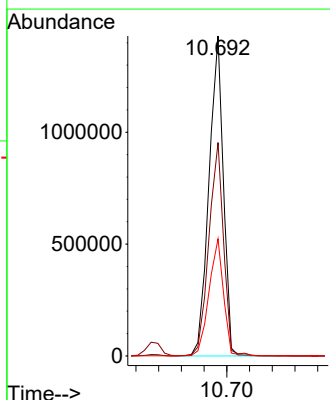
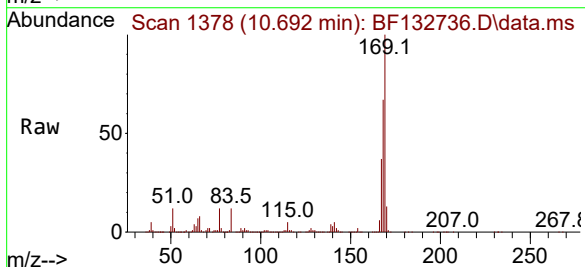
Manual Integrations
APPROVED

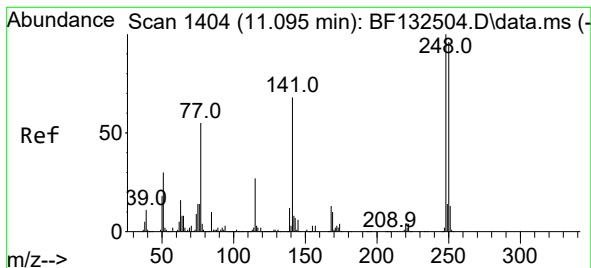
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#66
n-Nitrosodiphenylamine
Concen: 44.199 ng
RT: 10.692 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

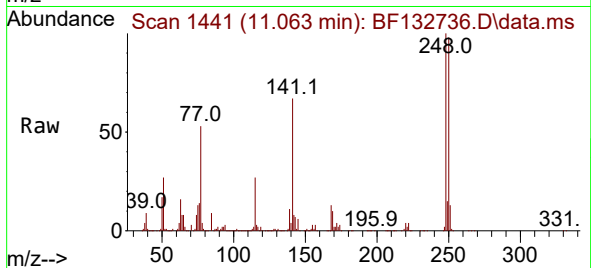
Tgt Ion:169 Resp: 1252145
Ion Ratio Lower Upper
169 100
168 66.7 54.2 81.4
167 36.6 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 45.982 ng
RT: 11.063 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

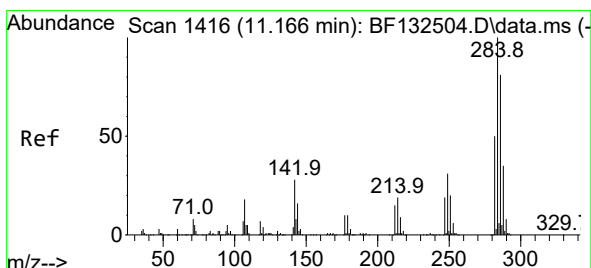
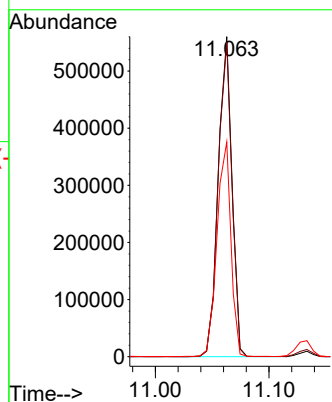
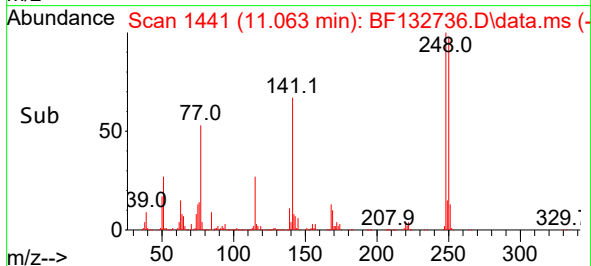
Instrument :
BNA_F
ClientSampleId :
PB151310BS



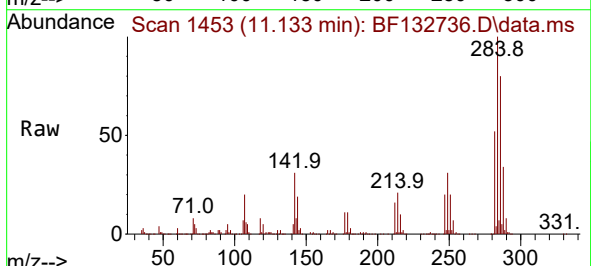
Tgt Ion:248 Resp: 47264
Ion Ratio Lower Upper
248 100
250 98.2 77.0 115.4
141 67.1 54.2 81.2

Manual Integrations
APPROVED

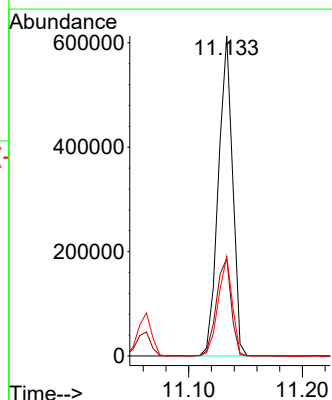
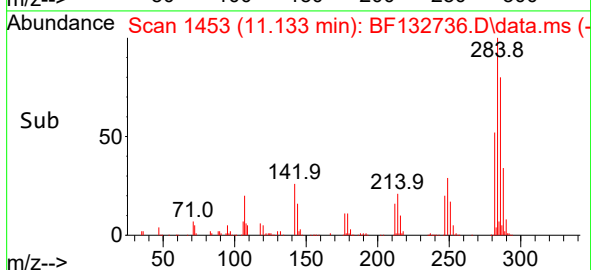
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

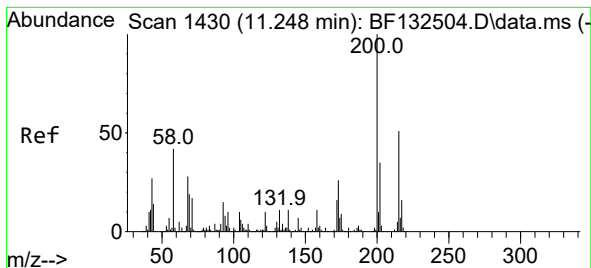


#68
Hexachlorobenzene
Concen: 49.314 ng
RT: 11.133 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16



Tgt Ion:284 Resp: 533375
Ion Ratio Lower Upper
284 100
142 30.5 22.2 33.4
249 31.2 24.9 37.3





#69

Atrazine

Concen: 51.054 ng

RT: 11.216 min Scan# 1467

Delta R.T. -0.006 min

Lab File: BF132736.D

Acq: 10 Mar 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB151310BS

Tgt Ion:200 Resp: 45153

Ion Ratio Lower Upper

200 100

173 26.3 6.4 46.4

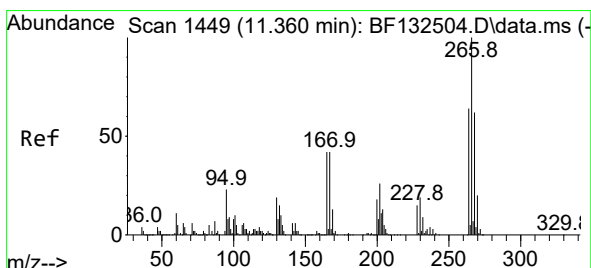
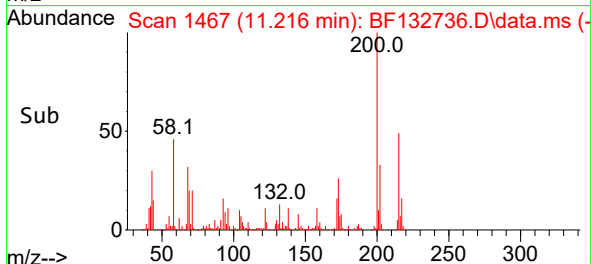
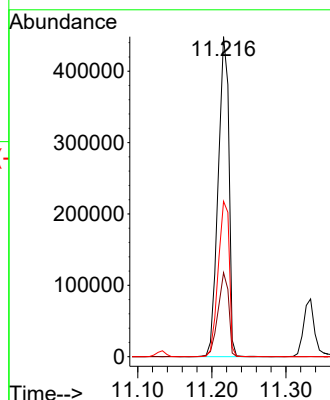
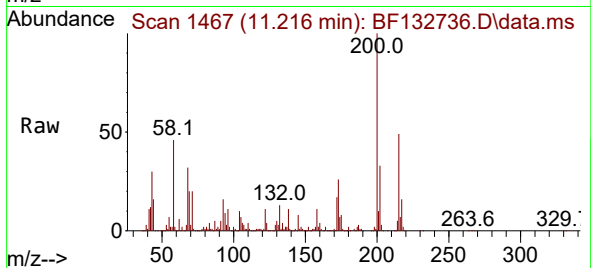
215 48.5 31.0 71.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/13/2023

Supervised By :Jagrut Upadhyay 03/13/2023



#70

Pentachlorophenol

Concen: 75.475 ng

RT: 11.333 min Scan# 1487

Delta R.T. 0.000 min

Lab File: BF132736.D

Acq: 10 Mar 2023 12:16

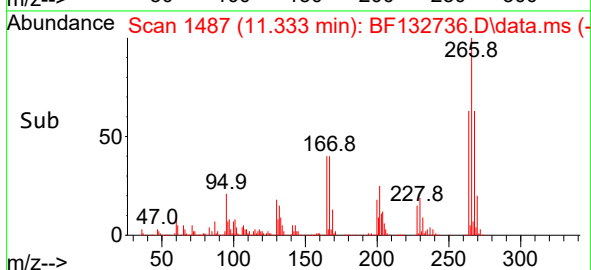
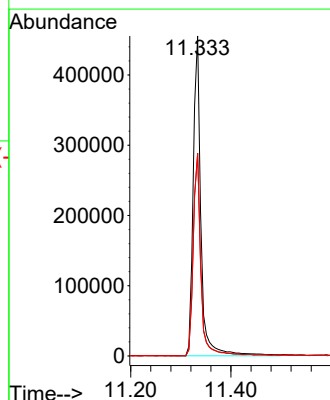
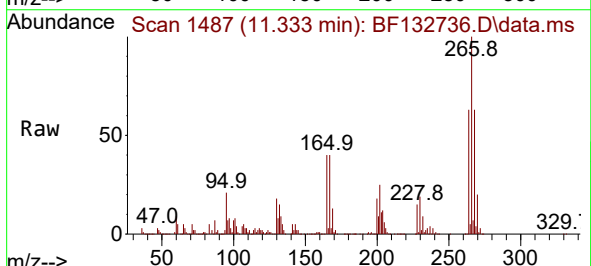
Tgt Ion:266 Resp: 485688

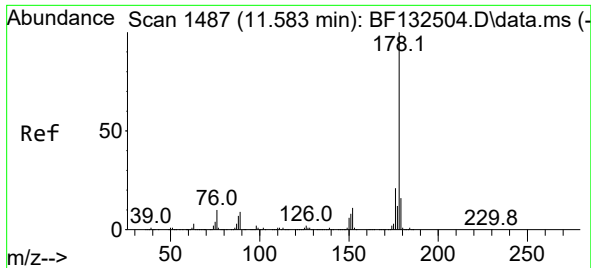
Ion Ratio Lower Upper

266 100

268 63.4 49.8 74.6

264 63.4 50.9 76.3





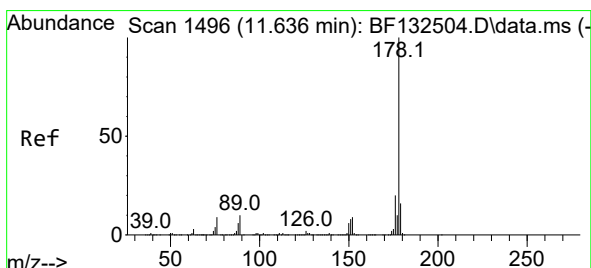
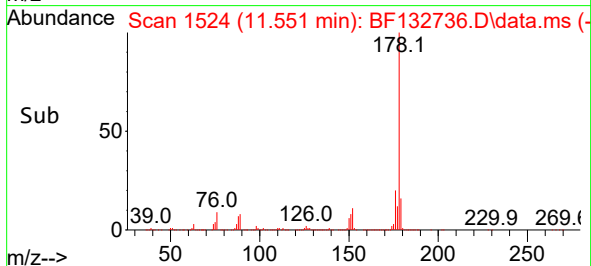
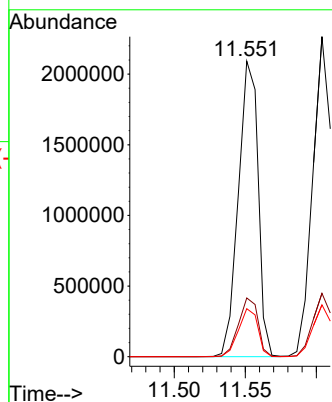
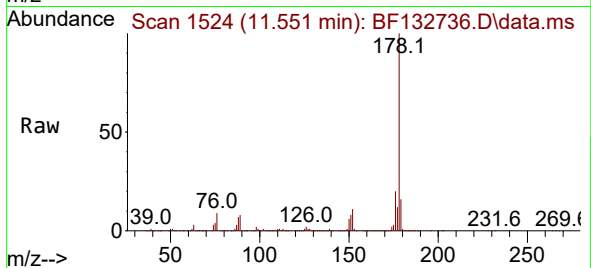
#71
Phenanthrene
Concen: 43.078 ng
RT: 11.551 min Scan# 1524
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Instrument :
BNA_F
ClientSampleId :
PB151310BS

Tgt Ion:178 Resp: 2027914
Ion Ratio Lower Upper
178 100
176 19.8 16.5 24.7
179 16.3 13.0 19.6

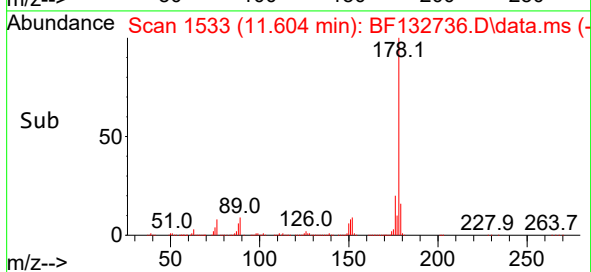
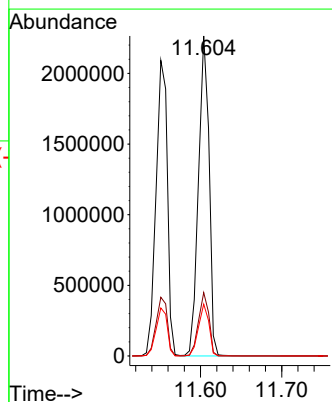
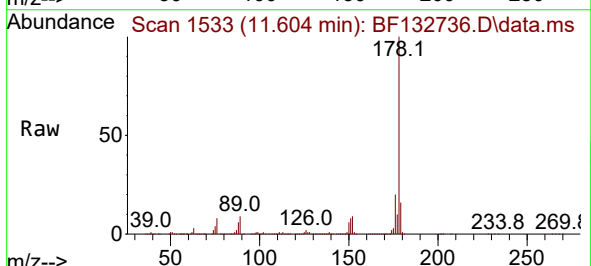
Manual Integrations
APPROVED

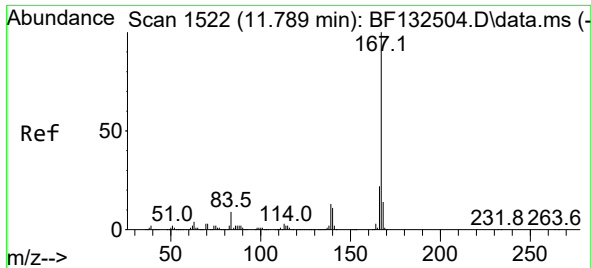
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#72
Anthracene
Concen: 42.644 ng
RT: 11.604 min Scan# 1533
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

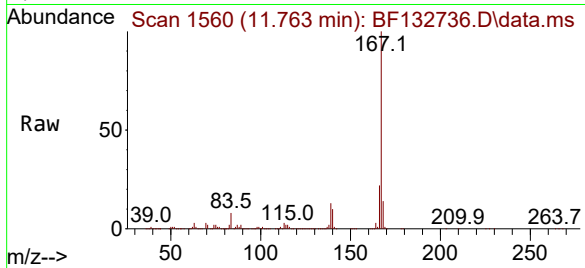
Tgt Ion:178 Resp: 2067241
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 16.2 12.5 18.7





#73
 Carbazole
 Concen: 42.560 ng
 RT: 11.763 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132736.D
 Acq: 10 Mar 2023 12:16

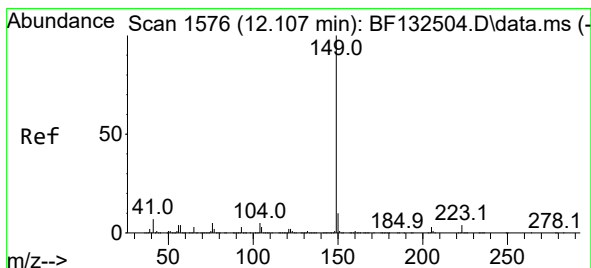
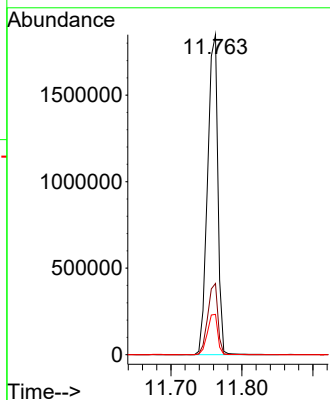
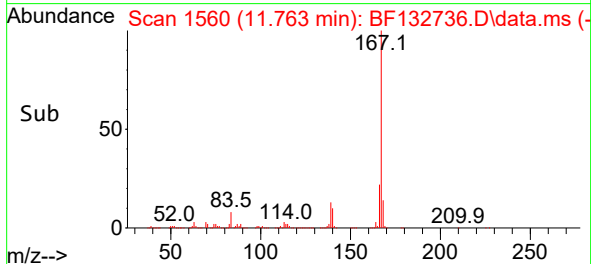
Instrument :
 BNA_F
 ClientSampleId :
 PB151310BS



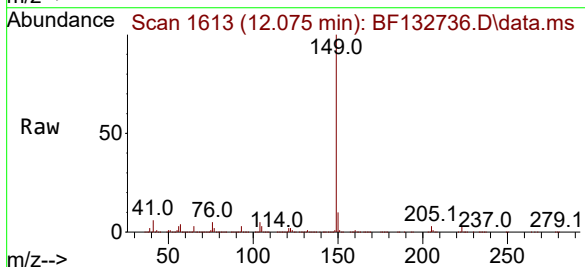
Tgt Ion:167 Resp: 186018
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.7 26.5
 139 12.6 10.5 15.7

Manual Integrations
 APPROVED

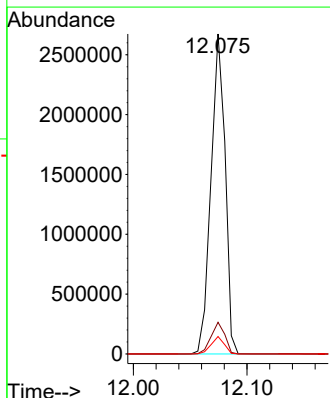
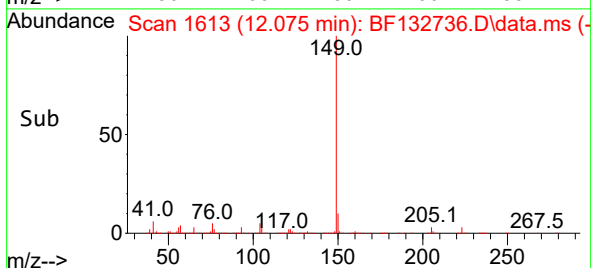
Reviewed By :Christian Giraldo 03/13/2023
 Supervised By :Jagrut Upadhyay 03/13/2023

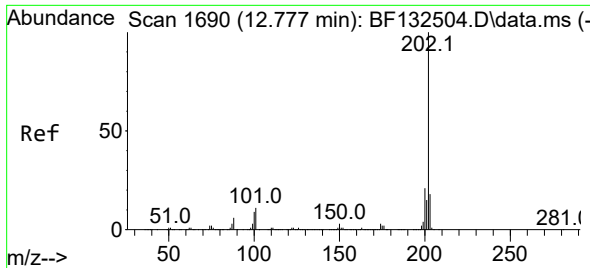


#74
 Di-n-butylphthalate
 Concen: 44.989 ng
 RT: 12.075 min Scan# 1613
 Delta R.T. 0.000 min
 Lab File: BF132736.D
 Acq: 10 Mar 2023 12:16



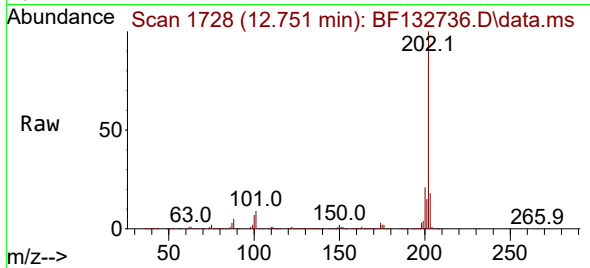
Tgt Ion:149 Resp: 2306541
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.8 11.8
 104 5.5 4.3 6.5





#75
Fluoranthene
Concen: 41.698 ng
RT: 12.751 min Scan# 1728
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

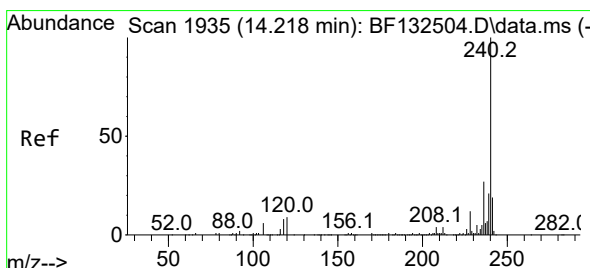
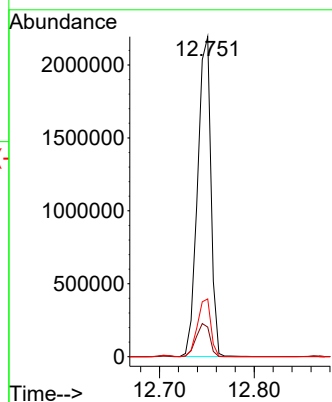
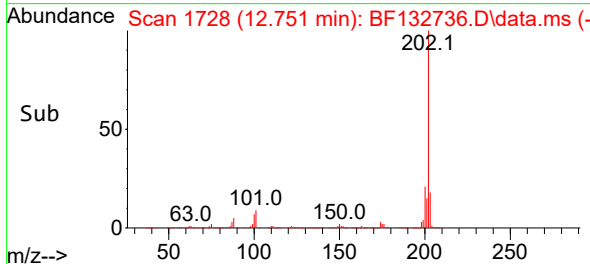
Instrument :
BNA_F
ClientSampleId :
PB151310BS



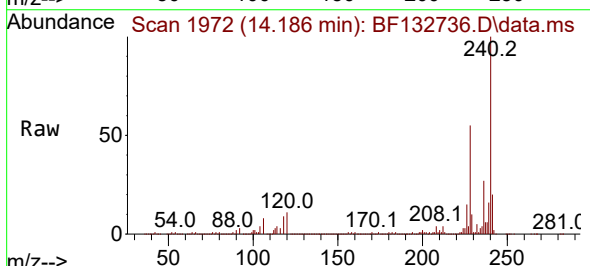
Tgt Ion:202 Resp: 2145932
Ion Ratio Lower Upper
202 100
101 9.2 0.0 31.4
203 18.1 0.0 38.0

Manual Integrations
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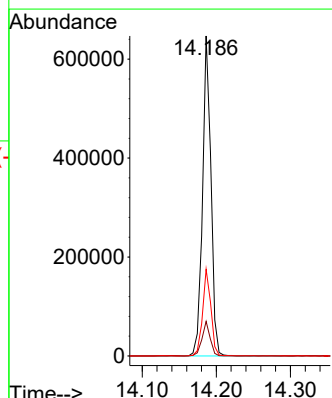
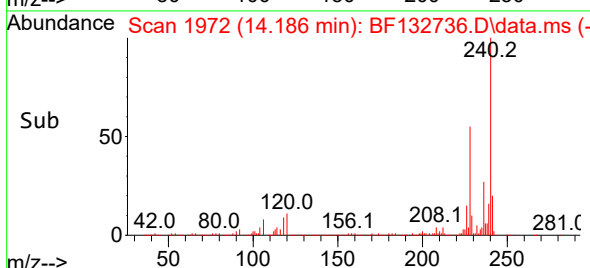
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

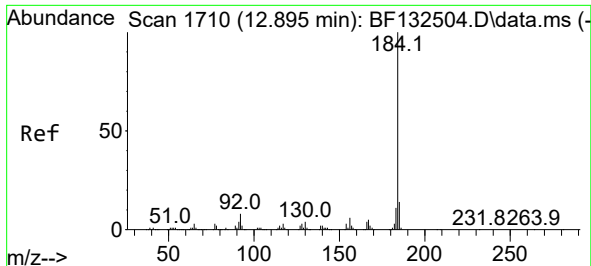


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.186 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16



Tgt Ion:240 Resp: 508740
Ion Ratio Lower Upper
240 100
120 10.8 7.2 10.8#
236 27.1 21.8 32.6





#77
Benzidine
Concen: 62.101 ng
RT: 12.863 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Instrument :

BNA_F

ClientSampleId :

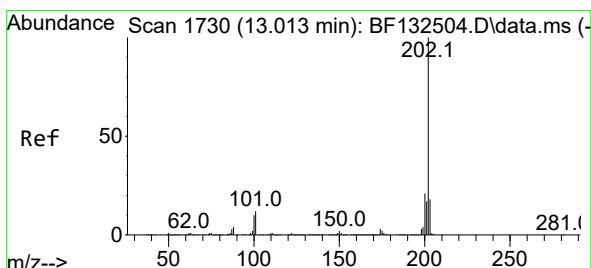
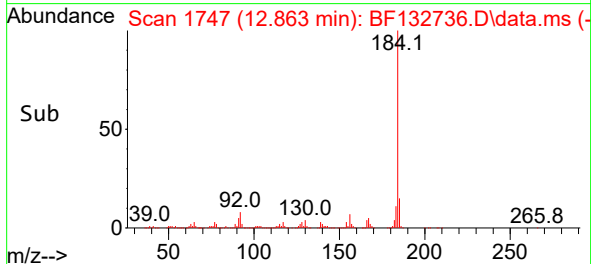
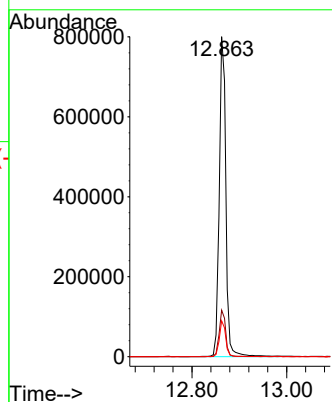
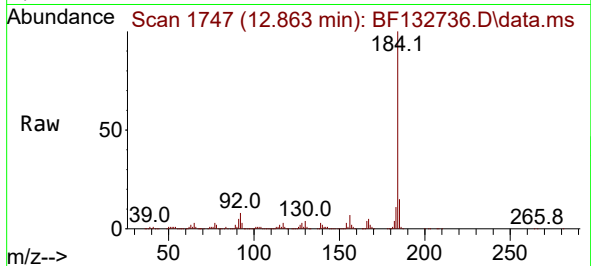
PB151310BS

Tgt Ion:184 Resp: 769070
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 11.2 8.7 13.1

Manual Integrations

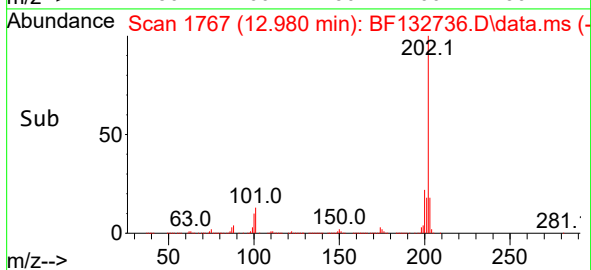
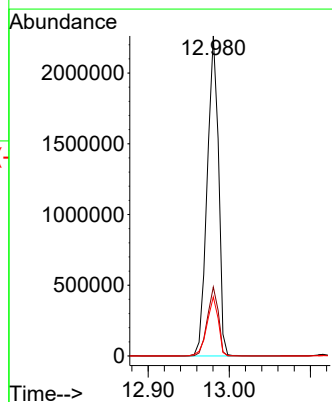
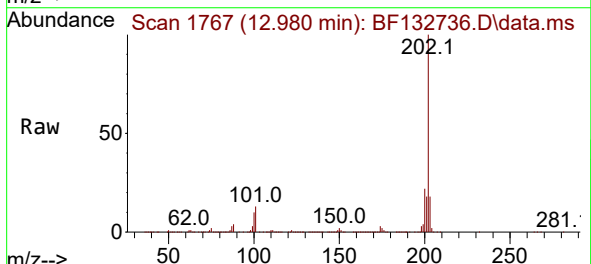
APPROVED

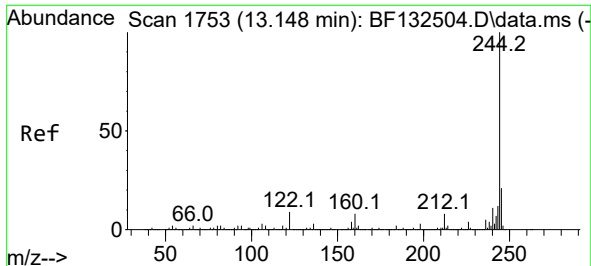
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#78
Pyrene
Concen: 47.118 ng
RT: 12.980 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

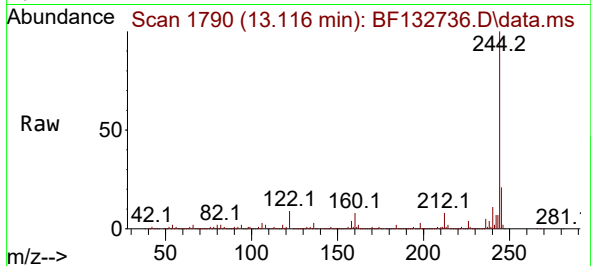
Tgt Ion:202 Resp: 2179374
Ion Ratio Lower Upper
202 100
200 21.6 17.1 25.7
203 18.5 14.6 21.8





#79
Terphenyl-d14
Concen: 97.596 ng
RT: 13.116 min Scan# 1753
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

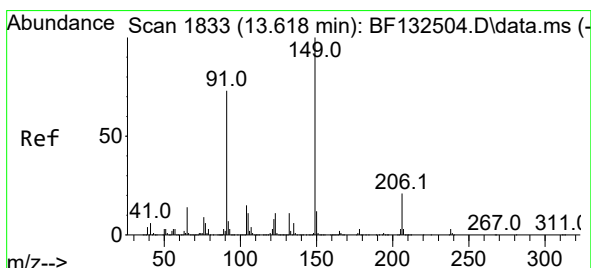
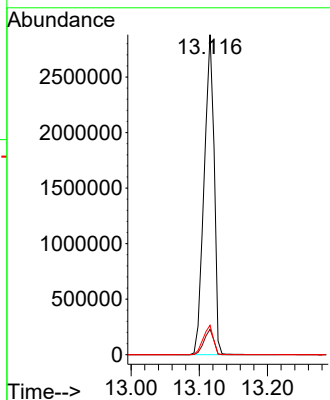
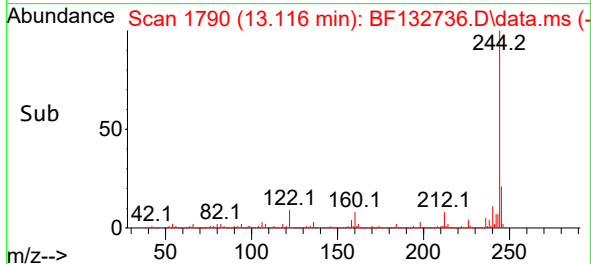
Instrument :
BNA_F
ClientSampleId :
PB151310BS



Tgt Ion:244 Resp: 293662
Ion Ratio Lower Upper
244 100
212 8.0 6.5 9.7
122 9.2 7.5 11.3

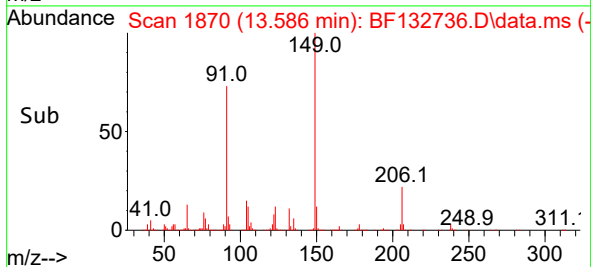
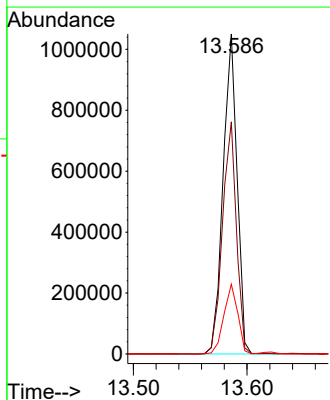
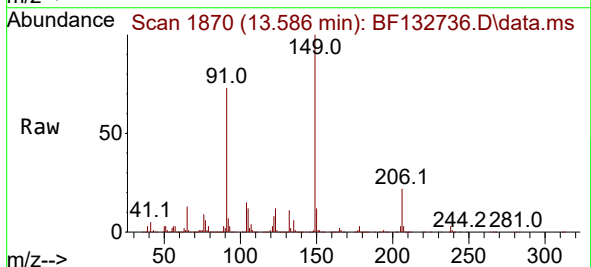
Manual Integrations
APPROVED

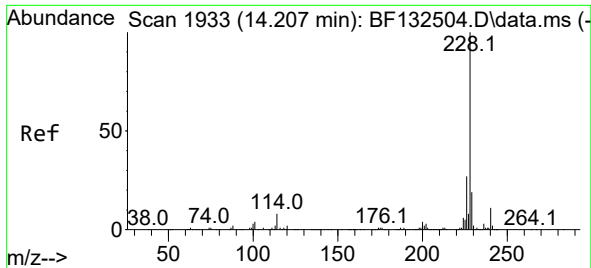
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#80
Butylbenzylphthalate
Concen: 49.399 ng
RT: 13.586 min Scan# 1870
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

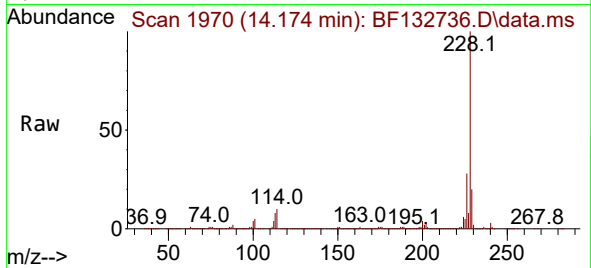
Tgt Ion:149 Resp: 901649
Ion Ratio Lower Upper
149 100
91 72.5 58.4 87.6
206 21.8 16.8 25.2





#81
Benzo(a)anthracene
Concen: 45.797 ng
RT: 14.174 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

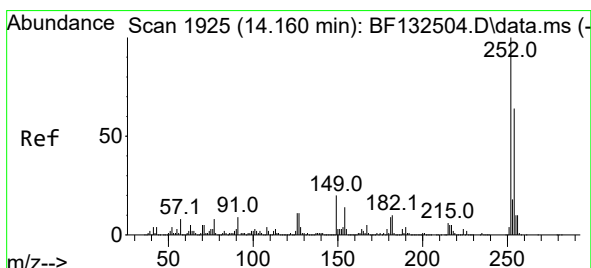
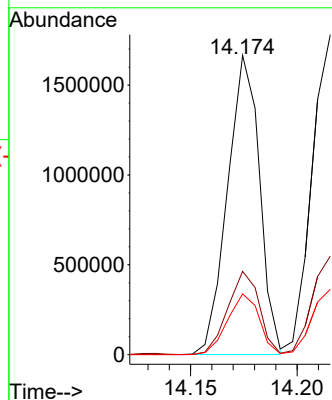
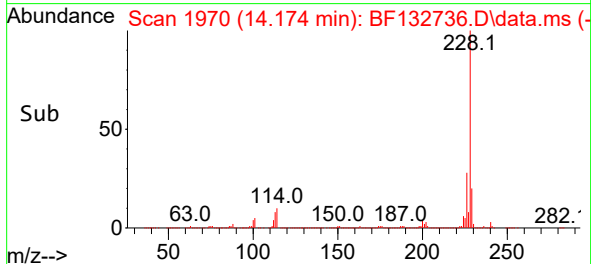
Instrument :
BNA_F
ClientSampleId :
PB151310BS



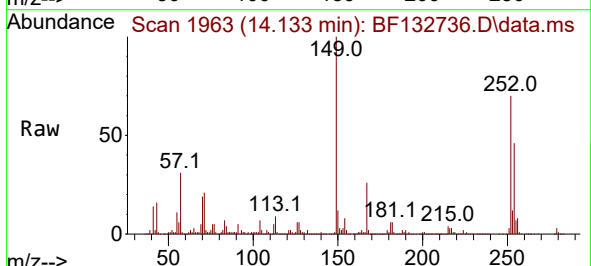
Tgt Ion:228 Resp: 1743262
Ion Ratio Lower Upper
228 100
226 27.8 21.7 32.5
229 20.3 15.4 23.2

Manual Integrations
APPROVED

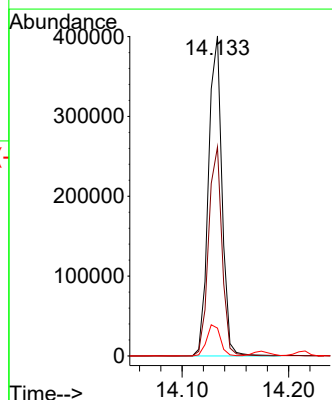
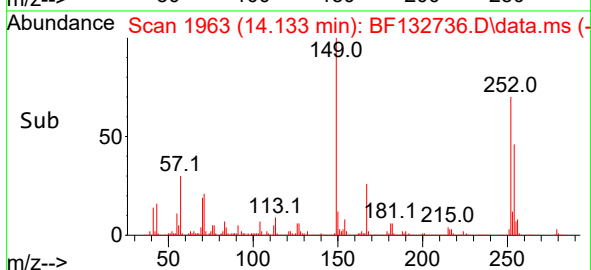
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

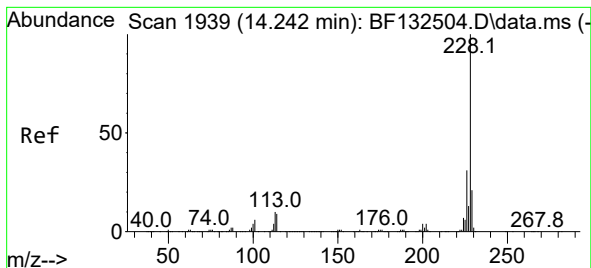


#82
3,3'-Dichlorobenzidine
Concen: 31.582 ng
RT: 14.133 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16



Tgt Ion:252 Resp: 354421
Ion Ratio Lower Upper
252 100
254 65.3 51.4 77.2
126 8.7 8.9 13.3





#83

Chrysene

Concen: 44.888 ng

RT: 14.216 min Scan# 1939

Delta R.T. 0.000 min

Lab File: BF132736.D

Acq: 10 Mar 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB151310BS

Tgt Ion:228 Resp: 159781

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

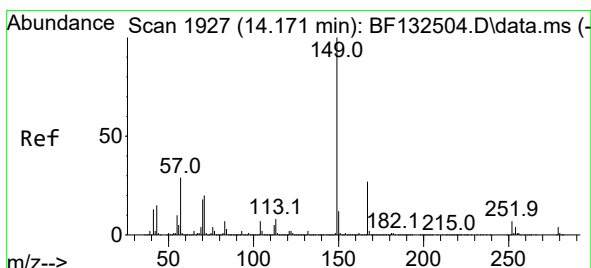
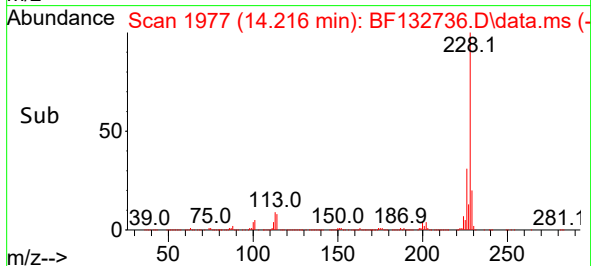
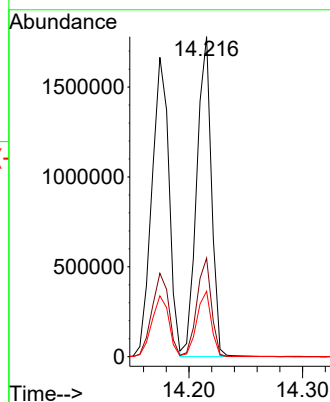
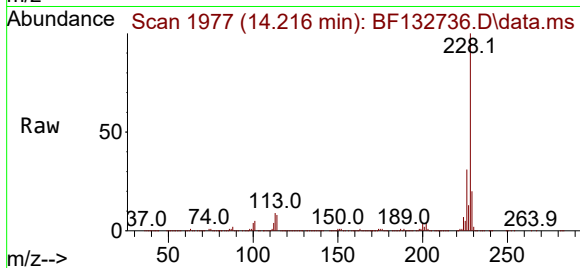
229 20.5 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/13/2023

Supervised By :Jagrut Upadhyay 03/13/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.098 ng

RT: 14.139 min Scan# 1964

Delta R.T. -0.006 min

Lab File: BF132736.D

Acq: 10 Mar 2023 12:16

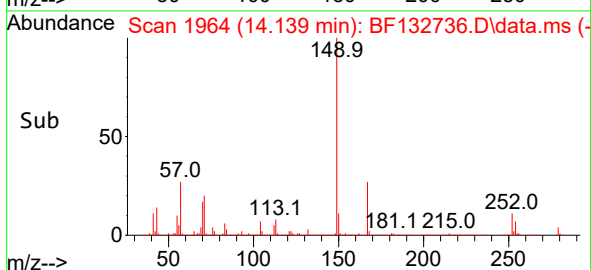
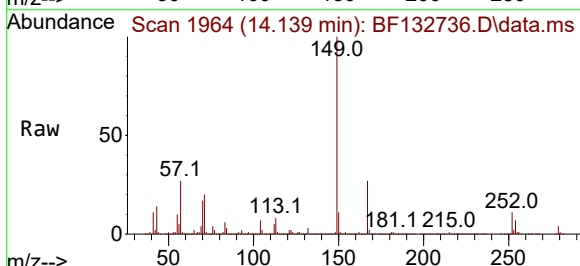
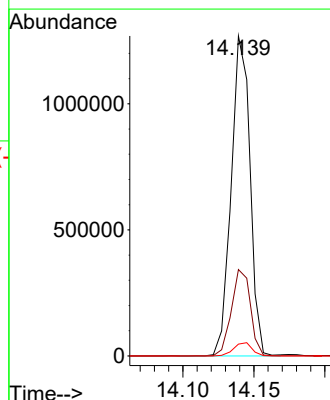
Tgt Ion:149 Resp: 1168164

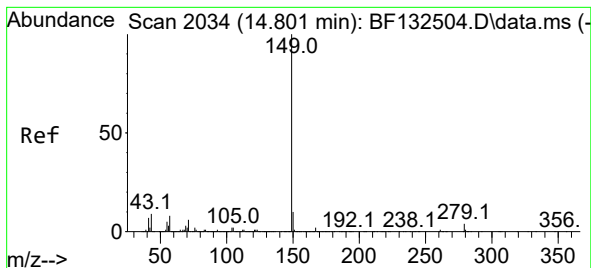
Ion Ratio Lower Upper

149 100

167 27.0 21.8 32.6

279 3.7 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 54.075 ng

RT: 14.763 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BF132736.D

Acq: 10 Mar 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB151310BS

Tgt Ion:149 Resp: 1771810

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

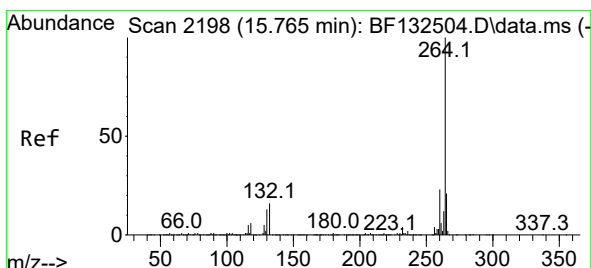
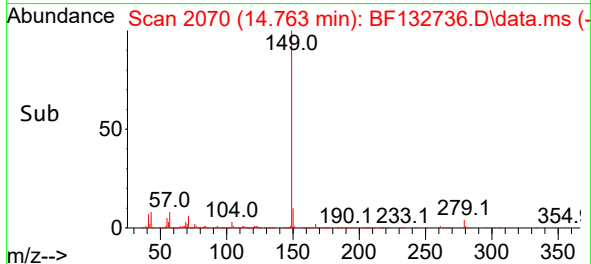
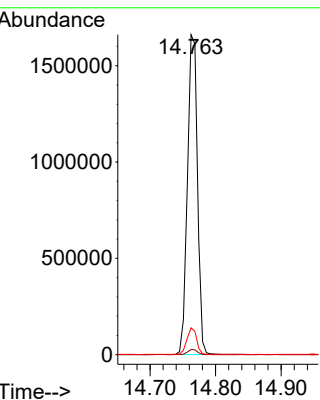
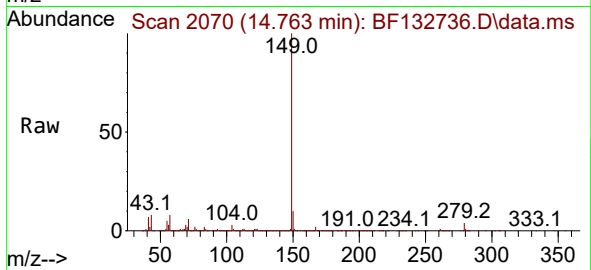
43 8.0 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/13/2023

Supervised By :Jagrut Upadhyay 03/13/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.727 min Scan# 2234

Delta R.T. 0.000 min

Lab File: BF132736.D

Acq: 10 Mar 2023 12:16

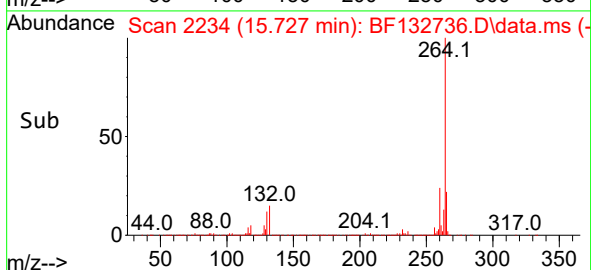
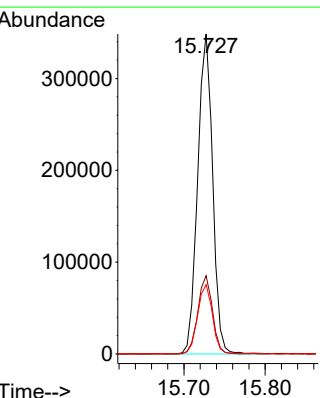
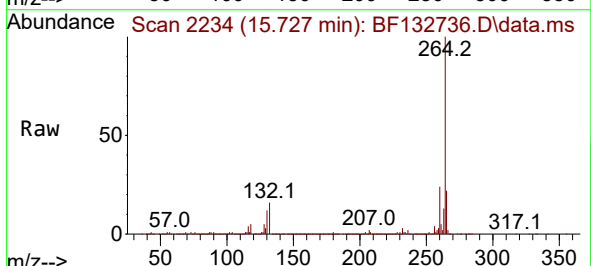
Tgt Ion:264 Resp: 445423

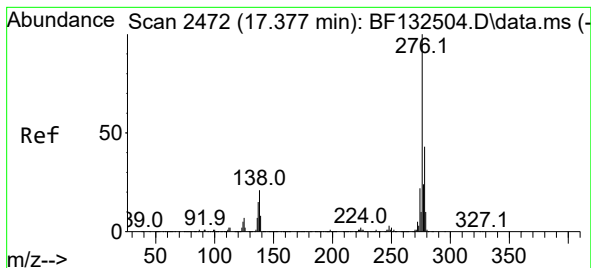
Ion Ratio Lower Upper

264 100

260 24.4 18.8 28.2

265 21.6 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.372 ng

RT: 17.327 min Scan# 2156

Delta R.T. 0.000 min

Lab File: BF132736.D

Acq: 10 Mar 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB151310BS

Tgt Ion:276 Resp: 149935

Ion Ratio Lower Upper

276 100

138 22.9 19.0 28.4

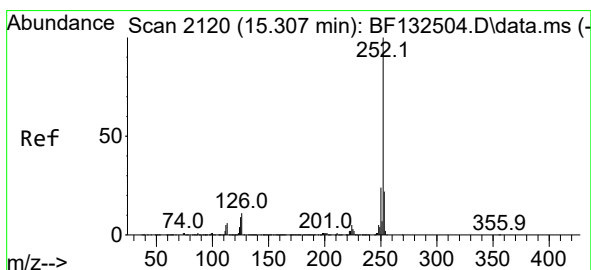
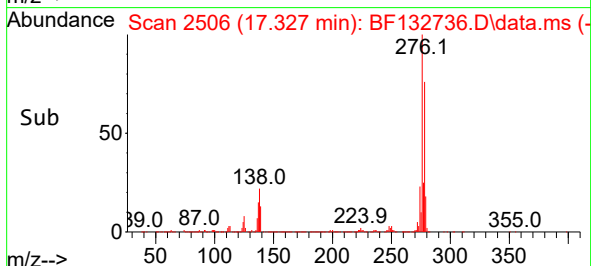
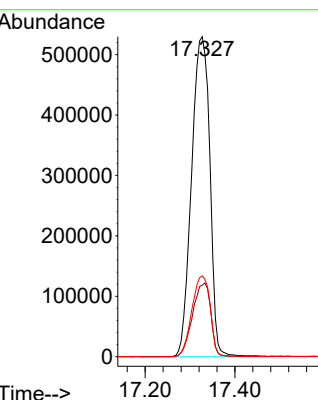
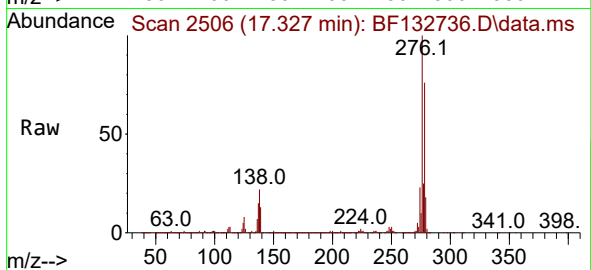
277 25.3 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/13/2023

Supervised By :Jagrut Upadhyay 03/13/2023



#88

Benzo(b)fluoranthene

Concen: 51.673 ng

RT: 15.268 min Scan# 2156

Delta R.T. 0.000 min

Lab File: BF132736.D

Acq: 10 Mar 2023 12:16

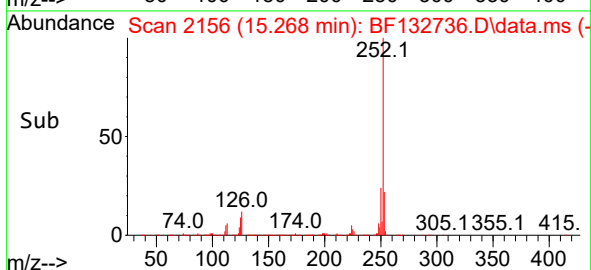
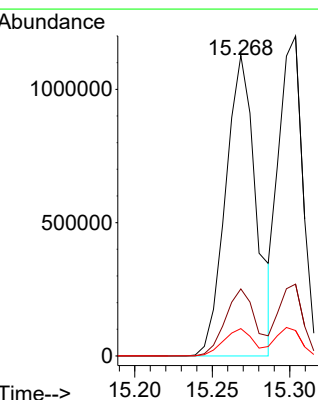
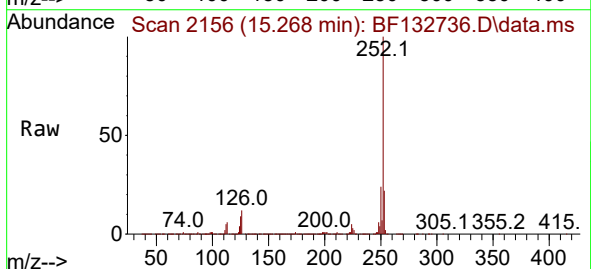
Tgt Ion:252 Resp: 1542453

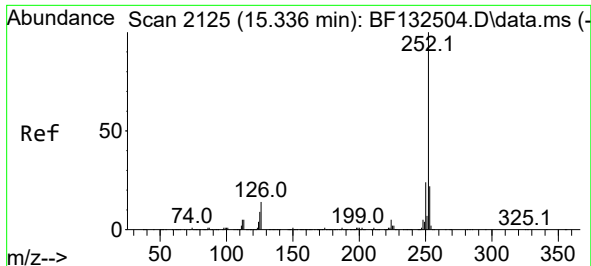
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 9.1 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 44.470 ng

RT: 15.304 min Scan# 2125

Delta R.T. 0.000 min

Lab File: BF132736.D

Acq: 10 Mar 2023 12:16

Instrument :

BNA_F

ClientSampleId :

PB151310BS

Tgt Ion:252 Resp: 129915

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

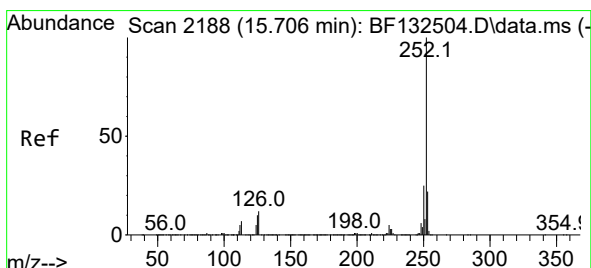
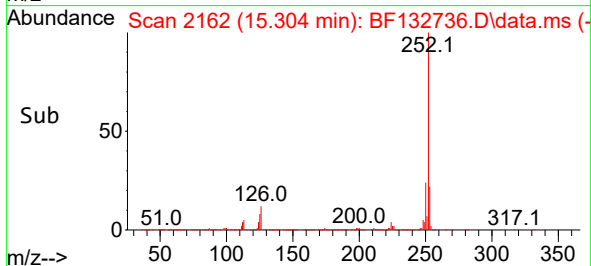
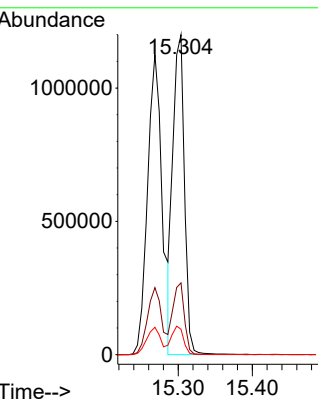
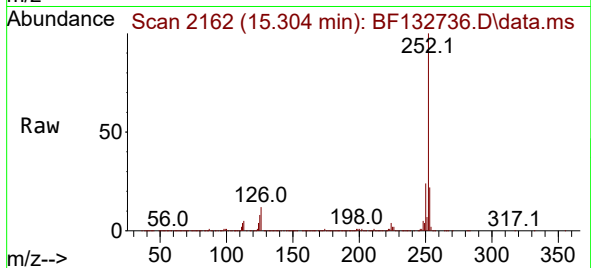
125 8.0 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/13/2023

Supervised By :Jagrut Upadhyay 03/13/2023



#90

Benzo(a)pyrene

Concen: 44.628 ng

RT: 15.663 min Scan# 2223

Delta R.T. 0.000 min

Lab File: BF132736.D

Acq: 10 Mar 2023 12:16

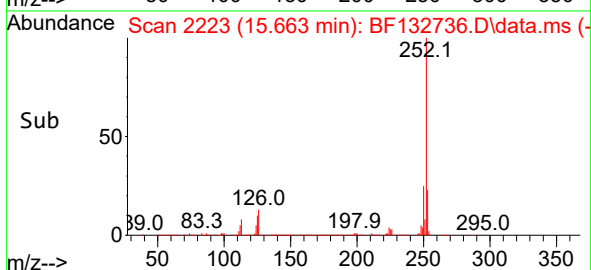
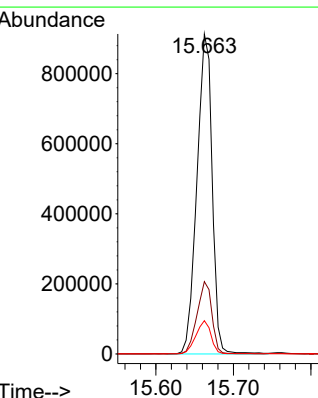
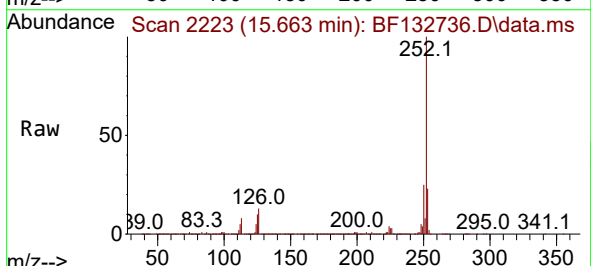
Tgt Ion:252 Resp: 1246782

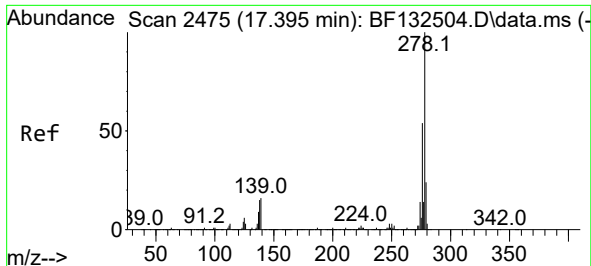
Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

125 10.4 8.0 12.0





#91
Dibenzo(a,h)anthracene
Concen: 51.676 ng
RT: 17.339 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Instrument :

BNA_F

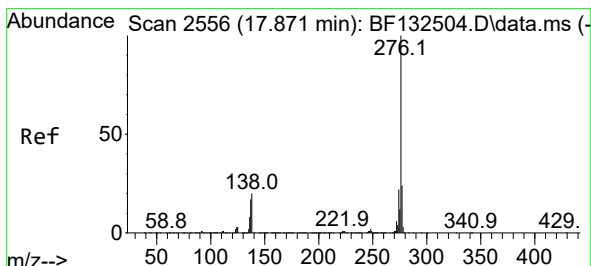
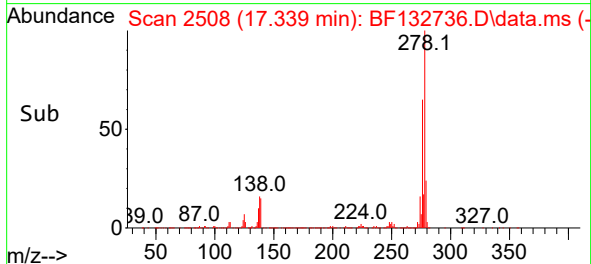
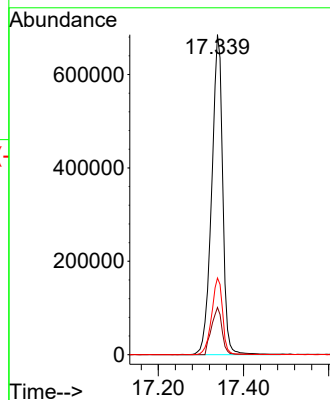
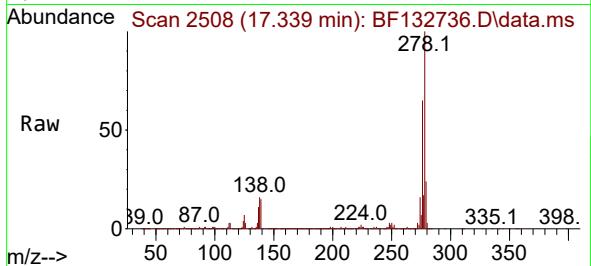
ClientSampleId :

PB151310BS

Tgt Ion:278 Resp: 122885
Ion Ratio Lower Upper
278 100
139 14.7 13.0 19.4
279 24.0 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#92
Benzo(g,h,i)perylene
Concen: 47.823 ng
RT: 17.815 min Scan# 2589
Delta R.T. 0.000 min
Lab File: BF132736.D
Acq: 10 Mar 2023 12:16

Tgt Ion:276 Resp: 1285034
Ion Ratio Lower Upper
276 100
277 22.7 18.9 28.3
138 19.8 16.2 24.4

