

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092622\
 Data File : BF130406.D
 Acq On : 26 Sep 2022 13:49
 Operator : CG\JU
 Sample : PB147850BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147850BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/27/2022
 Supervised By : Jagrut Upadhyay 09/27/2022

Quant Time: Sep 27 01:04:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 27 01:00:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.651	152	112097	20.000	ng	0.00
21) Naphthalene-d8	7.939	136	444510	20.000	ng	# 0.00
39) Acenaphthene-d10	9.692	164	239027	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	408935	20.000	ng	0.00
76) Chrysene-d12	13.804	240	235001	20.000	ng	0.00
86) Perylene-d12	15.192	264	202562	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.269	112	872472	134.997	ng	0.02
7) Phenol-d6	6.304	99	1068859	132.176	ng	0.01
23) Nitrobenzene-d5	7.222	82	683676	78.576	ng	0.00
42) 2,4,6-Tribromophenol	10.480	330	369827	161.473	ng	0.00
45) 2-Fluorobiphenyl	9.016	172	1348989	82.183	ng	0.00
79) Terphenyl-d14	12.757	244	1436878	101.284	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.352	88	97302	32.782	ng	96
3) Pyridine	3.034	79	256377	33.112	ng	92
4) n-Nitrosodimethylamine	2.993	42	151106	35.882	ng	93
6) Aniline	6.316	93	390165	39.158	ng	# 27
8) 2-Chlorophenol	6.440	128	341856	46.434	ng	93
9) Benzaldehyde	6.198	77	199973	36.917	ng	95
10) Phenol	6.316	94	409125	43.172	ng	# 75
11) bis(2-Chloroethyl)ether	6.398	93	303450	44.394	ng	92
12) 1,3-Dichlorobenzene	6.592	146	365194	45.081	ng	96
13) 1,4-Dichlorobenzene	6.669	146	370182	44.812	ng	98
14) 1,2-Dichlorobenzene	6.822	146	349691	45.315	ng	97
15) Benzyl Alcohol	6.804	79	228266	35.602	ng	96
16) 2,2'-oxybis(1-Chloropr...	6.934	45	374304	37.545	ng	81
17) 2-Methylphenol	6.922	107	293331	49.013	ng	97
18) Hexachloroethane	7.163	117	139415	42.814	ng	94
19) n-Nitroso-di-n-propyla...	7.081	70	224563	41.154	ng	91
20) 3+4-Methylphenols	7.075	107	347969	44.758	ng	# 80
22) Acetophenone	7.069	105	481640	44.319	ng	# 91
24) Nitrobenzene	7.239	77	351537	39.790	ng	95
25) Isophorone	7.481	82	621381	44.310	ng	99
26) 2-Nitrophenol	7.557	139	185615	51.252	ng	88
27) 2,4-Dimethylphenol	7.604	122	275458	49.397	ng	93
28) bis(2-Chloroethoxy)met...	7.698	93	372909	47.225	ng	100
29) 2,4-Dichlorophenol	7.804	162	289392	47.357	ng	95
30) 1,2,4-Trichlorobenzene	7.881	180	296525	44.882	ng	94
31) Naphthalene	7.957	128	988582	43.168	ng	99
32) Benzoic acid	7.751	122	189899	44.036	ng	97
33) 4-Chloroaniline	8.016	127	270459	31.052	ng	95
34) Hexachlorobutadiene	8.075	225	188302	44.597	ng	99
35) Caprolactam	8.392	113	90439m	51.625	ng	
36) 4-Chloro-3-methylphenol	8.510	107	316915	46.789	ng	96
37) 2-Methylnaphthalene	8.651	142	647040	44.314	ng	99
38) 1-Methylnaphthalene	8.751	142	614817	43.832	ng	99
40) 1,2,4,5-Tetrachloroben...	8.816	216	302506	46.374	ng	99
41) Hexachlorocyclopentadiene	8.804	237	370072	105.964	ng	99
43) 2,4,6-Trichlorophenol	8.934	196	206492	45.357	ng	93

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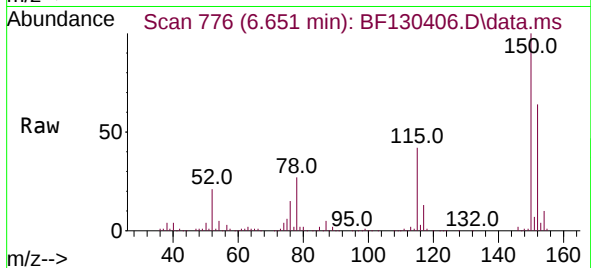
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.975	196	225151	45.830	ng	98
46) 1,1'-Biphenyl	9.116	154	801385	44.892	ng	99
47) 2-Chloronaphthalene	9.139	162	624886	43.272	ng	98
48) 2-Nitroaniline	9.239	65	194845	40.454	ng	95
49) Acenaphthylene	9.551	152	949421	43.850	ng	99
50) Dimethylphthalate	9.428	163	742233	44.954	ng	99
51) 2,6-Dinitrotoluene	9.486	165	165132	47.822	ng	# 83
52) Acenaphthene	9.728	154	691953m	48.640	ng	
53) 3-Nitroaniline	9.651	138	125181	32.534	ng	92
54) 2,4-Dinitrophenol	9.763	184	175632	92.686	ng	89
55) Dibenzofuran	9.898	168	866100	43.771	ng	97
56) 4-Nitrophenol	9.833	139	251903	89.886	ng	# 84
57) 2,4-Dinitrotoluene	9.886	165	221062	50.092	ng	95
58) Fluorene	10.239	166	705077	43.571	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.016	232	182251	47.396	ng	92
60) Diethylphthalate	10.122	149	725563	43.821	ng	98
61) 4-Chlorophenyl-phenyle...	10.233	204	334708	47.149	ng	95
62) 4-Nitroaniline	10.269	138	173473	44.880	ng	92
63) Azobenzene	10.392	77	658147	38.603	ng	95
65) 4,6-Dinitro-2-methylph...	10.298	198	115497	50.736	ng	# 76
66) n-Nitrosodiphenylamine	10.357	169	606393	44.375	ng	99
67) 4-Bromophenyl-phenylether	10.722	248	214607	47.572	ng	95
68) Hexachlorobenzene	10.780	284	247989	48.494	ng	98
69) Atrazine	10.886	200	203939	51.067	ng	97
70) Pentachlorophenol	10.980	266	252204	91.894	ng	98
71) Phenanthrene	11.198	178	1006403	43.834	ng	100
72) Anthracene	11.251	178	1006984	45.449	ng	99
73) Carbazole	11.410	167	918404	45.930	ng	99
74) Di-n-butylphthalate	11.739	149	1089781	45.196	ng	99
75) Fluoranthene	12.380	202	993432	44.778	ng	99
77) Benzidine	12.510	184	431907	63.312	ng	99
78) Pyrene	12.610	202	992686	48.287	ng	100
80) Butylbenzylphthalate	13.233	149	367374	48.238	ng	98
81) Benzo(a)anthracene	13.792	228	716717	45.845	ng	99
82) 3,3'-Dichlorobenzidine	13.763	252	188682	44.338	ng	99
83) Chrysene	13.833	228	660037	44.465	ng	99
84) Bis(2-ethylhexyl)phtha...	13.792	149	424560	48.668	ng	99
85) Di-n-octyl phthalate	14.410	149	628773	47.125	ng	95
87) Indeno(1,2,3-cd)pyrene	16.521	276	662970	46.153	ng	98
88) Benzo(b)fluoranthene	14.810	252	654486m	49.503	ng	
89) Benzo(k)fluoranthene	14.833	252	574408	44.166	ng	99
90) Benzo(a)pyrene	15.139	252	529631	50.565	ng	99
91) Dibenzo(a,h)anthracene	16.545	278	575270	48.818	ng	97
92) Benzo(g,h,i)perylene	16.933	276	574116	48.365	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.651 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130406.D
 Acq: 26 Sep 2022 13:49

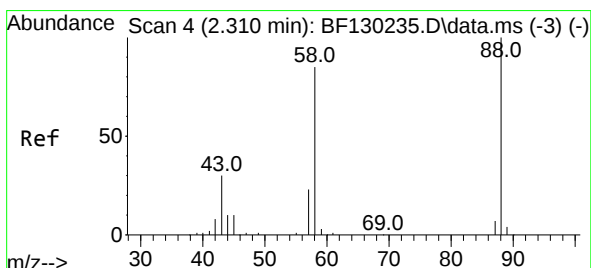
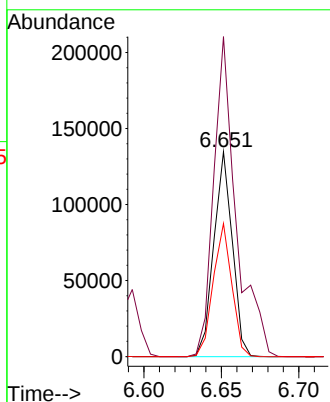
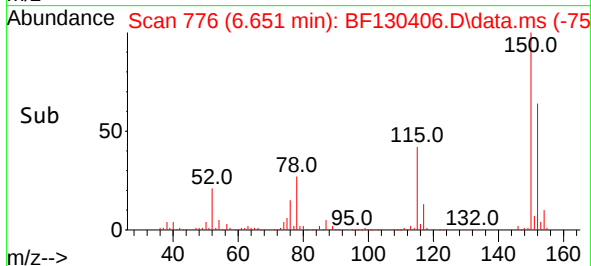
Instrument :
 BNA_F
 ClientSampleId :
 PB147850BS



Tgt Ion:152 Resp: 112097
 Ion Ratio Lower Upper
 152 100
 150 156.1 122.8 184.2
 115 64.9 53.8 80.8

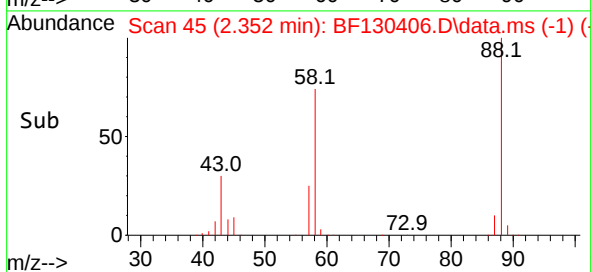
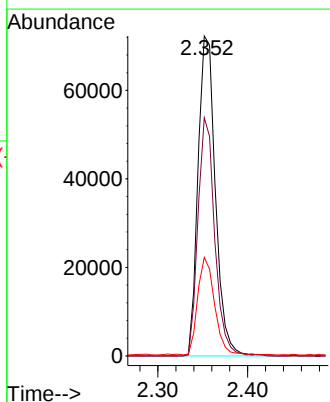
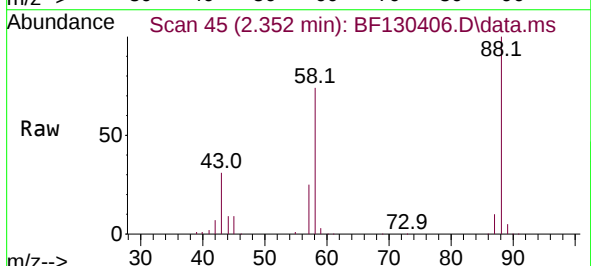
Manual Integrations
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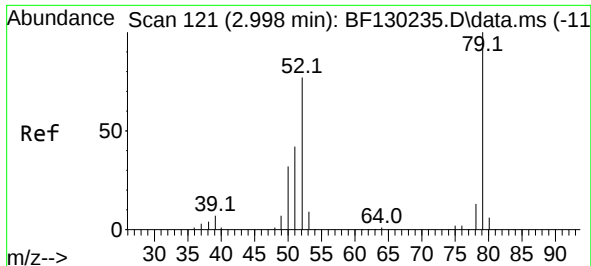
Reviewed By :Christian Giraldo 09/27/2022
 Supervised By :Jagrut Upadhyay 09/27/2022



#2
 1,4-Dioxane
 Concen: 32.782 ng
 RT: 2.352 min Scan# 45
 Delta R.T. 0.123 min
 Lab File: BF130406.D
 Acq: 26 Sep 2022 13:49

Tgt Ion: 88 Resp: 97302
 Ion Ratio Lower Upper
 88 100
 58 71.9 61.3 91.9
 43 29.4 23.0 34.6





#3

Pyridine

Concen: 33.112 ng

RT: 3.034 min Scan# 10

Delta R.T. 0.123 min

Lab File: BF130406.D

Acq: 26 Sep 2022 13:49

Instrument :

BNA_F

ClientSampleId :

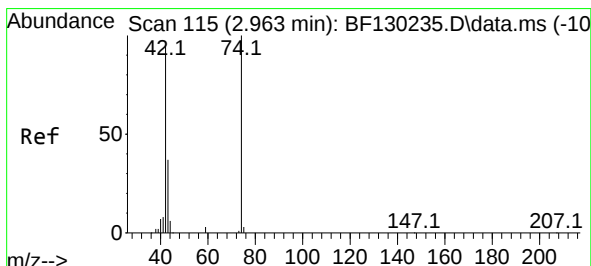
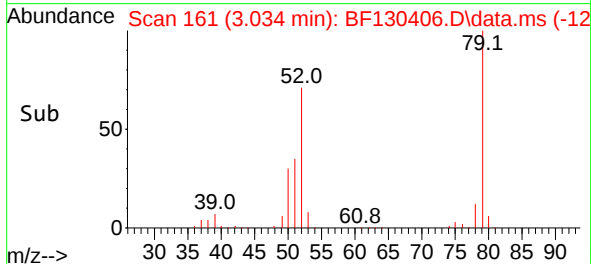
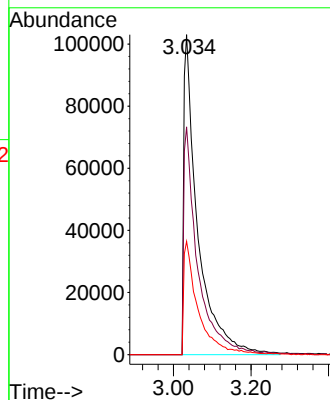
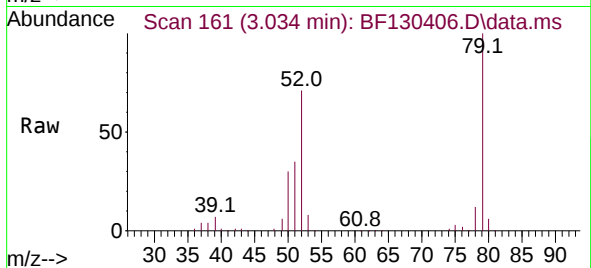
PB147850BS

Tgt Ion:	79	Resp:	25637
Ion Ratio	Lower	Upper	
79	100		
52	71.2	62.4	93.6
51	35.4	32.2	48.4

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 35.882 ng

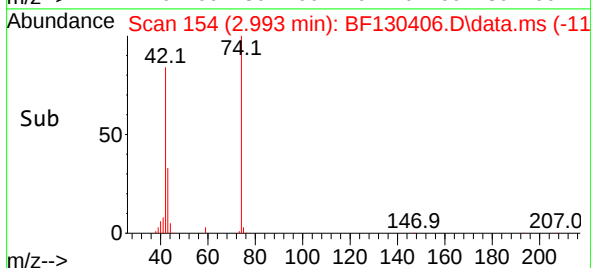
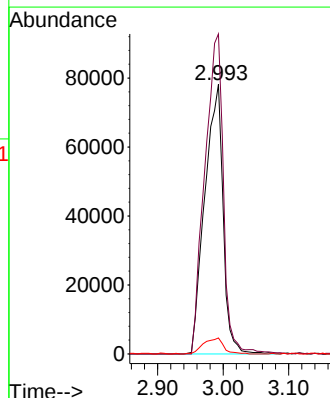
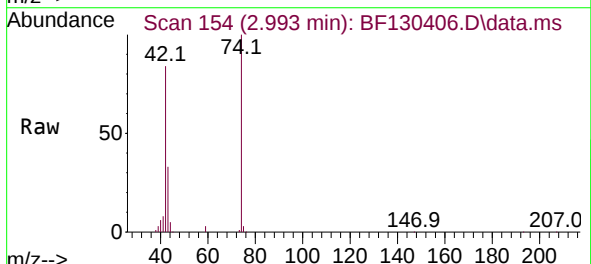
RT: 2.993 min Scan# 154

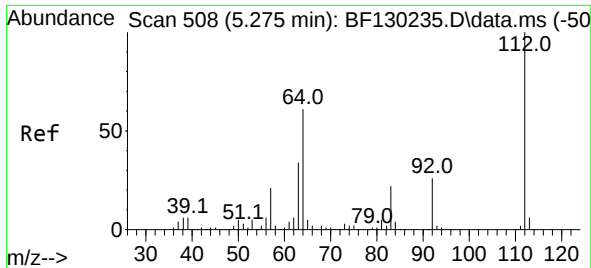
Delta R.T. 0.123 min

Lab File: BF130406.D

Acq: 26 Sep 2022 13:49

Tgt Ion:	42	Resp:	151106
Ion Ratio	Lower	Upper	
42	100		
74	118.7	88.4	132.6
44	5.9	5.0	7.4





#5
2-Fluorophenol
Concen: 134.997 ng
RT: 5.269 min Scan# 541
Delta R.T. 0.023 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

Instrument :

BNA_F

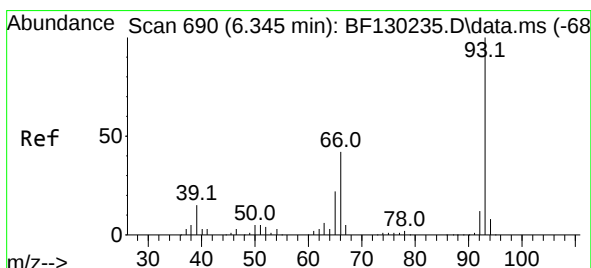
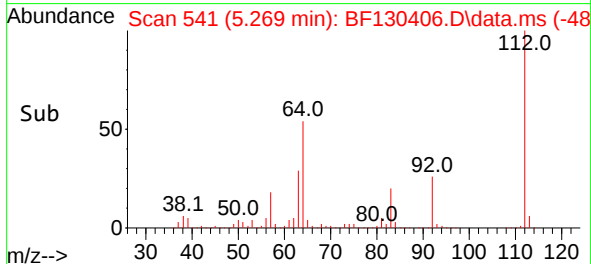
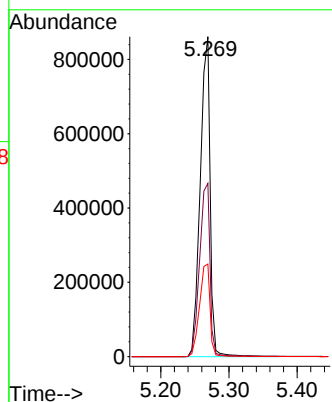
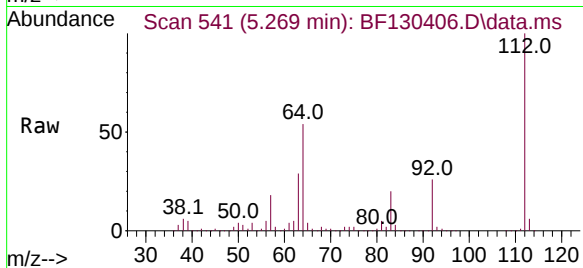
ClientSampleId :

PB147850BS

Tgt Ion:112 Resp: 872472
Ion Ratio Lower Upper
112 100
64 54.1 51.4 77.0
63 28.9 28.8 43.2

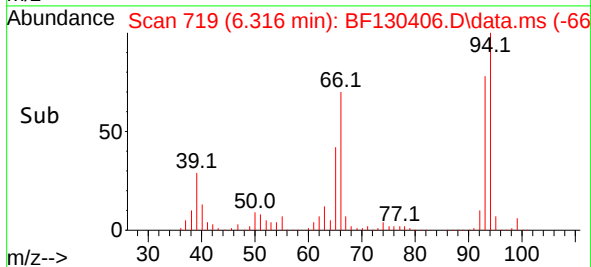
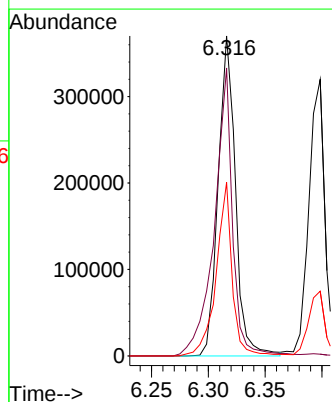
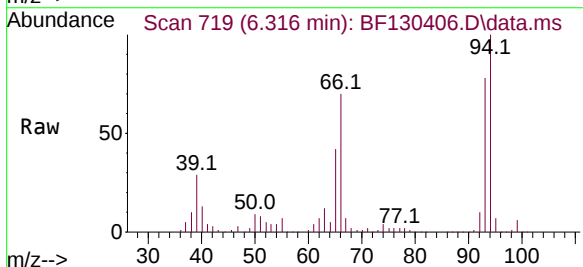
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#6
Aniline
Concen: 39.158 ng
RT: 6.316 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

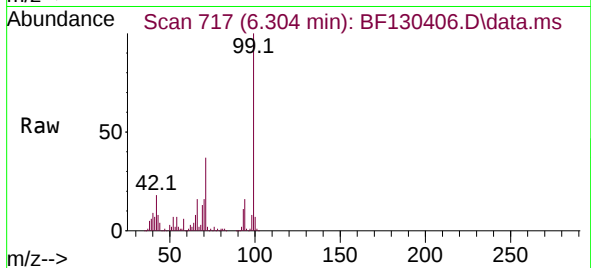
Tgt Ion: 93 Resp: 390165
Ion Ratio Lower Upper
93 100
66 90.0 34.2 51.4#
65 54.3 16.6 24.8#





#7
Phenol-d6
Concen: 132.176 ng
RT: 6.304 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

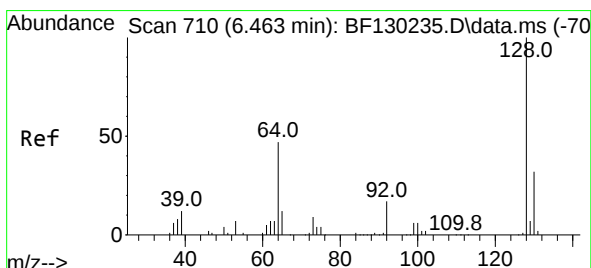
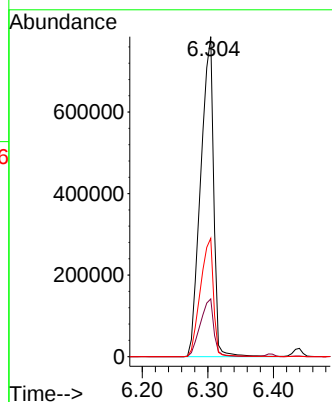
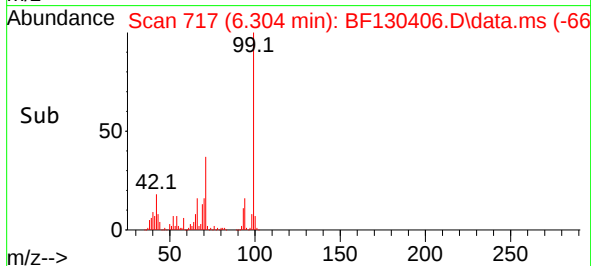
Instrument :
BNA_F
ClientSampleId :
PB147850BS



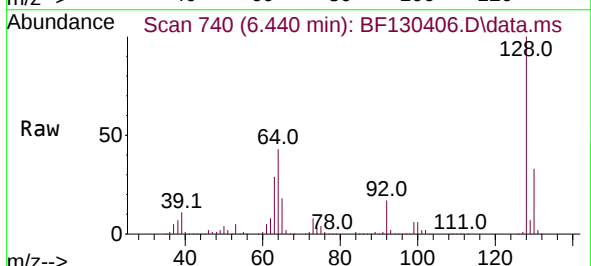
Tgt Ion: 99 Resp: 1068859
Ion Ratio Lower Upper
99 100
42 18.0 17.0 25.6
71 37.0 32.3 48.5

Manual Integrations
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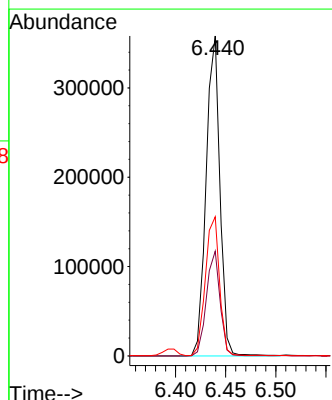
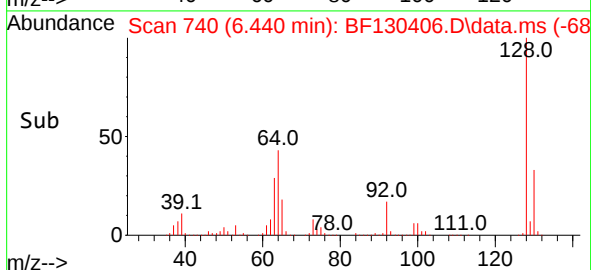
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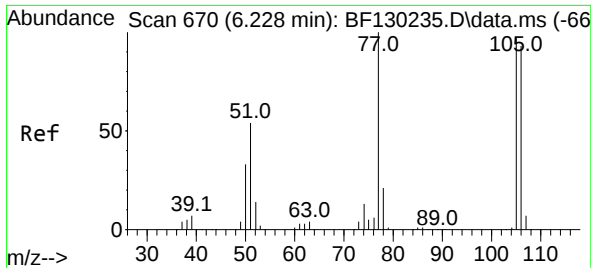


#8
2-Chlorophenol
Concen: 46.434 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49



Tgt Ion:128 Resp: 341856
Ion Ratio Lower Upper
128 100
130 32.7 12.4 52.4
64 43.5 31.6 71.6





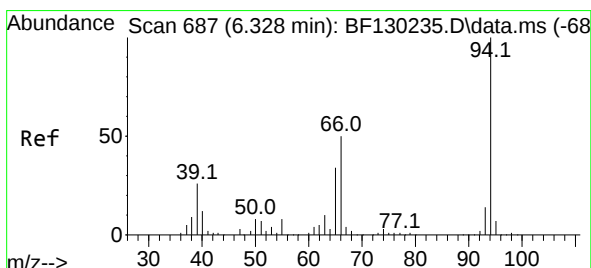
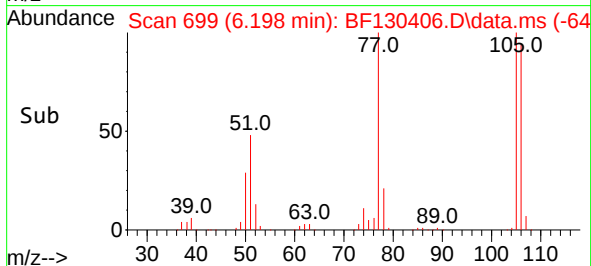
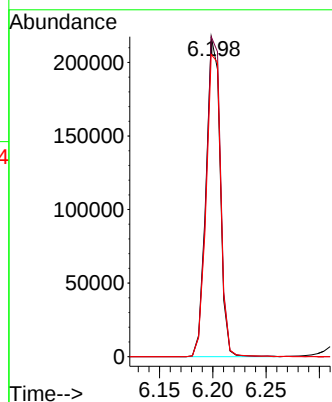
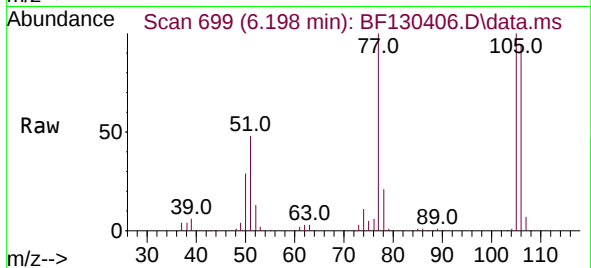
#9
Benzaldehyde
Concen: 36.917 ng
RT: 6.198 min Scan# 699
Delta R.T. -0.000 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB147850BS

Tgt Ion: 77 Resp: 199973
Ion Ratio Lower Upper
77 100
105 100.1 75.1 115.1
106 94.5 69.7 109.7

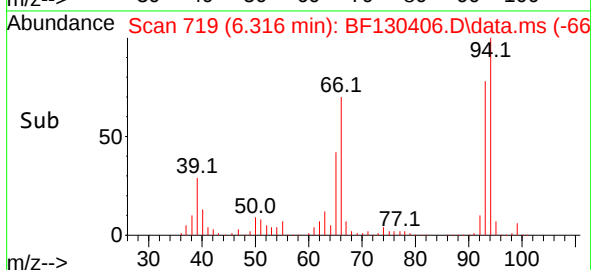
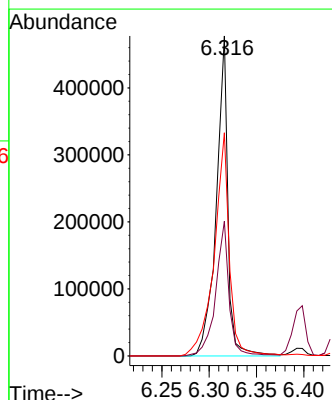
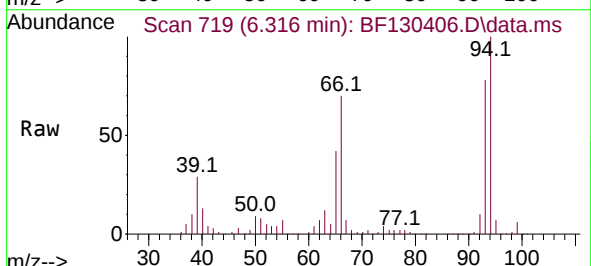
Manual Integrations
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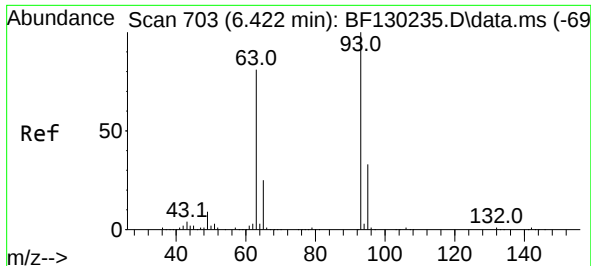
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#10
Phenol
Concen: 43.172 ng
RT: 6.316 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

Tgt Ion: 94 Resp: 409125
Ion Ratio Lower Upper
94 100
65 42.1 14.1 54.1
66 69.7 28.1 68.1#





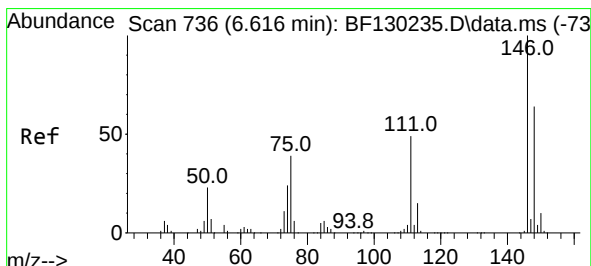
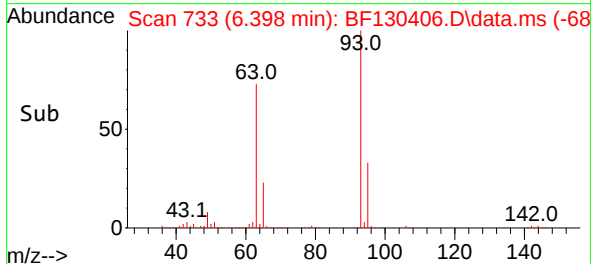
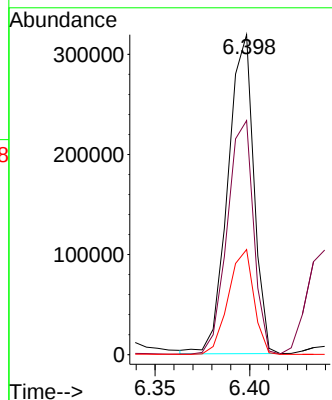
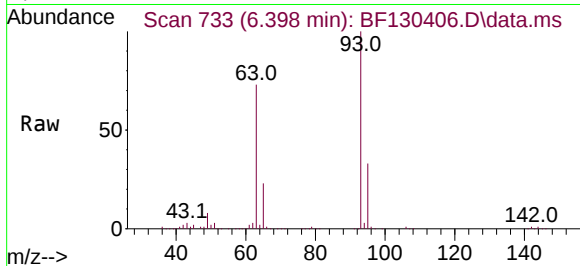
#11
bis(2-Chloroethyl)ether
Concen: 44.394 ng
RT: 6.398 min Scan# 733
Delta R.T. 0.006 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB147850BS

Tgt Ion: 93 Resp: 303450
Ion Ratio Lower Upper
93 100
63 73.1 62.5 102.5
95 32.8 12.5 52.5

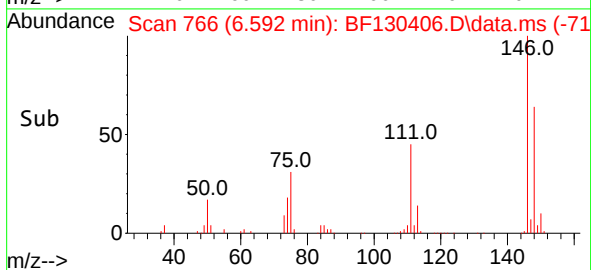
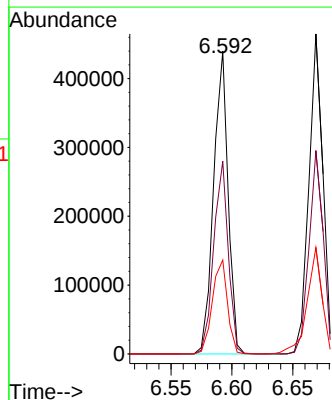
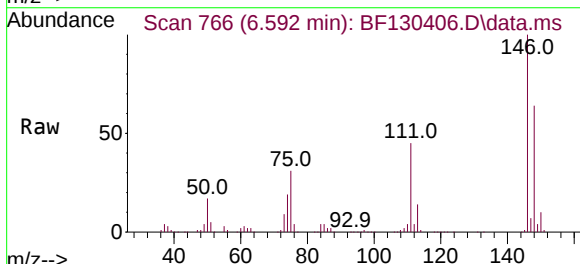
Manual Integrations
APPROVED

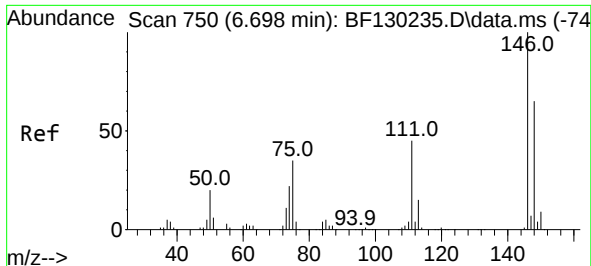
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#12
1,3-Dichlorobenzene
Concen: 45.081 ng
RT: 6.592 min Scan# 766
Delta R.T. -0.000 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

Tgt Ion:146 Resp: 365194
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.2
75 31.0 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 44.812 ng

RT: 6.669 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF130406.D

Acq: 26 Sep 2022 13:49

Instrument :

BNA_F

ClientSampleId :

PB147850BS

Tgt Ion:146 Resp: 370182

Ion Ratio Lower Upper

146 100

148 63.5 50.3 75.5

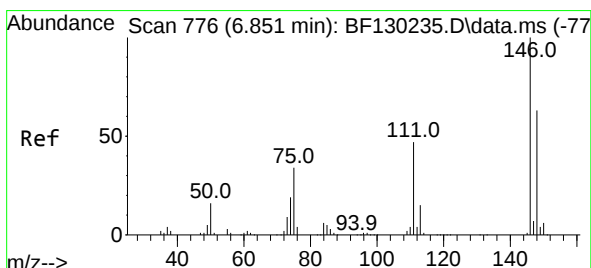
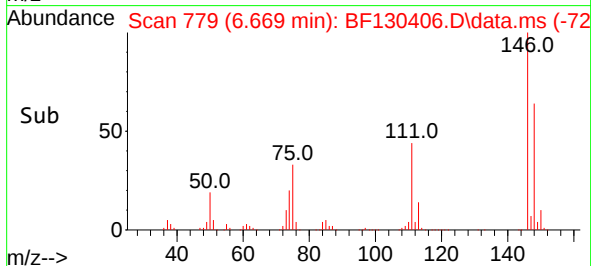
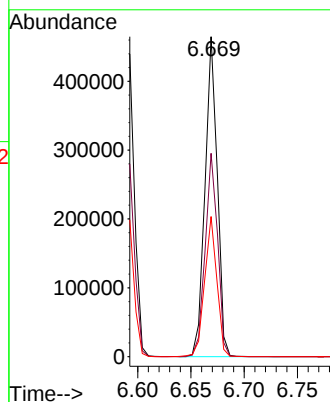
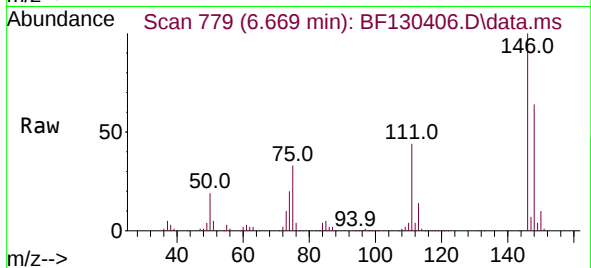
111 43.8 36.3 54.5

Manual Integrations

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Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#14

1,2-Dichlorobenzene

Concen: 45.315 ng

RT: 6.822 min Scan# 805

Delta R.T. -0.000 min

Lab File: BF130406.D

Acq: 26 Sep 2022 13:49

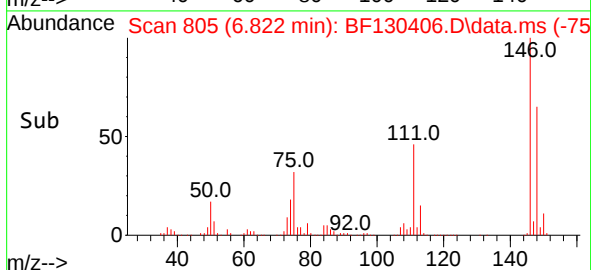
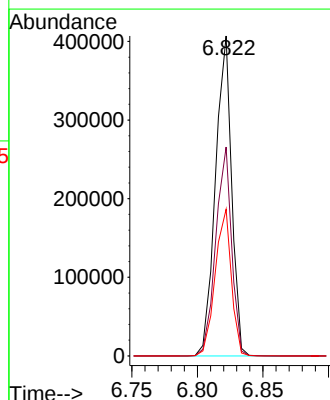
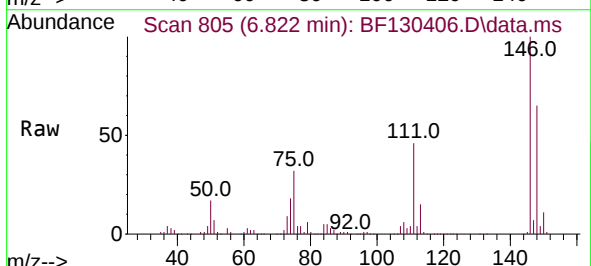
Tgt Ion:146 Resp: 349691

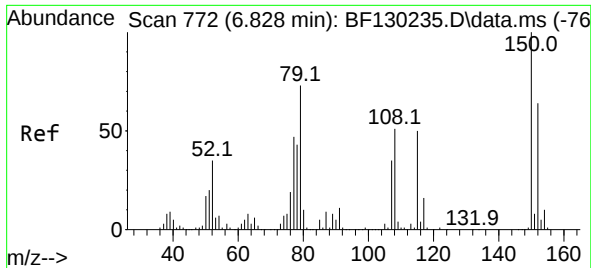
Ion Ratio Lower Upper

146 100

148 65.3 51.6 77.4

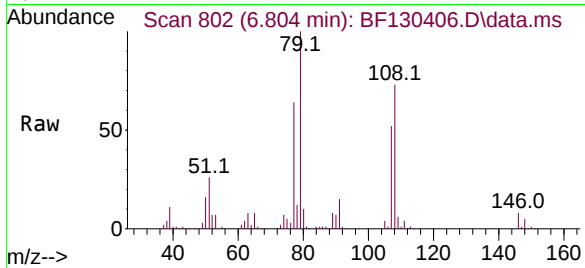
111 45.8 39.2 58.8





#15
Benzyl Alcohol
Concen: 35.602 ng
RT: 6.804 min Scan# 802
Delta R.T. -0.000 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

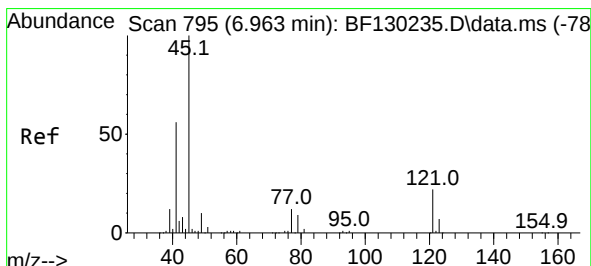
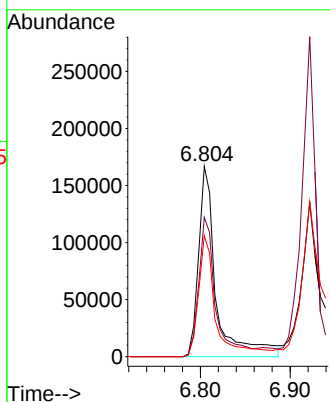
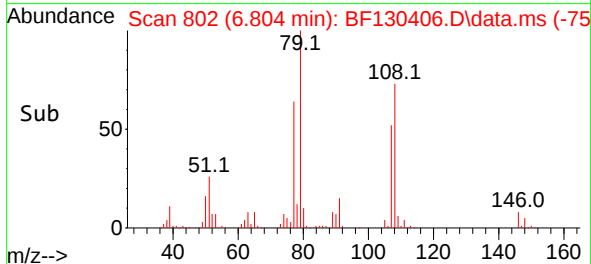
Instrument :
BNA_F
ClientSampleId :
PB147850BS



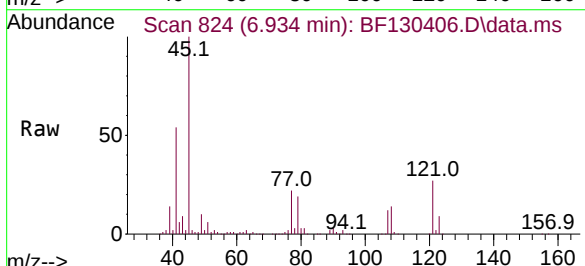
Tgt Ion: 79 Resp: 228266
Ion Ratio Lower Upper
79 100
108 73.2 54.0 81.0
77 63.5 51.3 76.9

Manual Integrations
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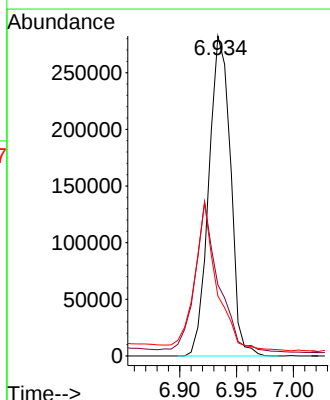
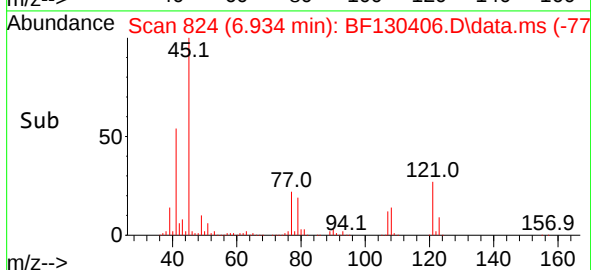
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

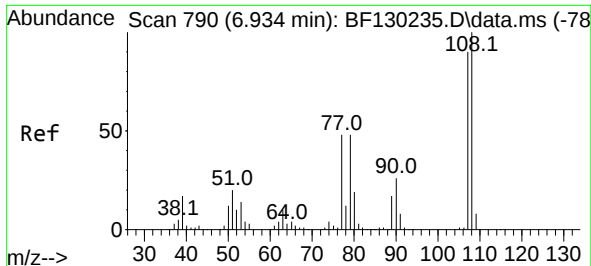


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.545 ng
RT: 6.934 min Scan# 824
Delta R.T. -0.000 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49



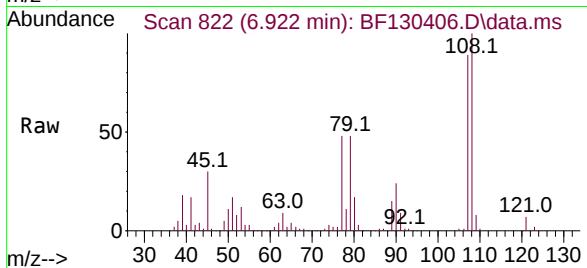
Tgt Ion: 45 Resp: 374304
Ion Ratio Lower Upper
45 100
77 22.2 0.0 34.9
79 18.7 0.0 31.0





#17
2-Methylphenol
Concen: 49.013 ng
RT: 6.922 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

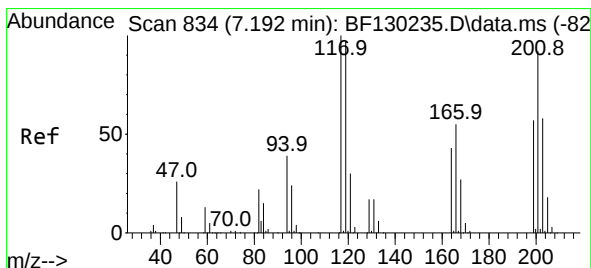
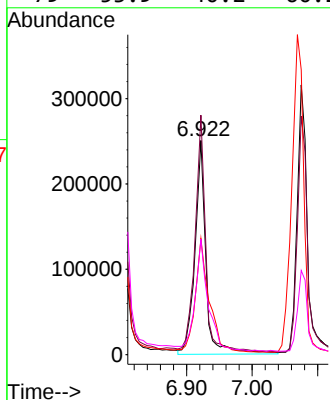
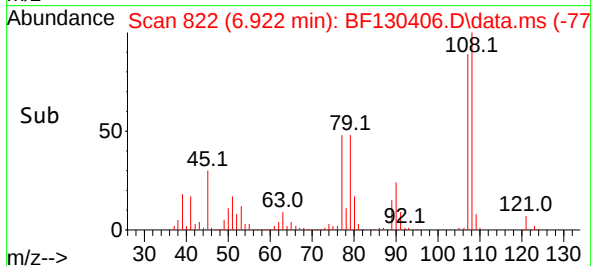
Instrument :
BNA_F
ClientSampleId :
PB147850BS



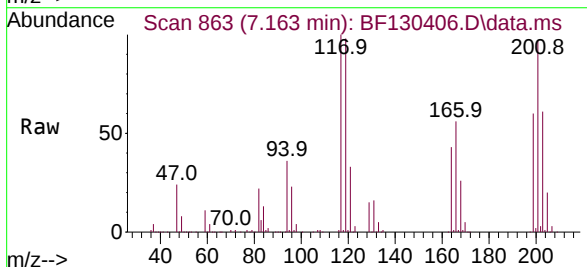
Tgt Ion:107 Resp: 293331
Ion Ratio Lower Upper
107 100
108 111.8 89.4 134.0
77 54.2 40.6 60.8
79 53.9 40.2 60.2

Manual Integrations
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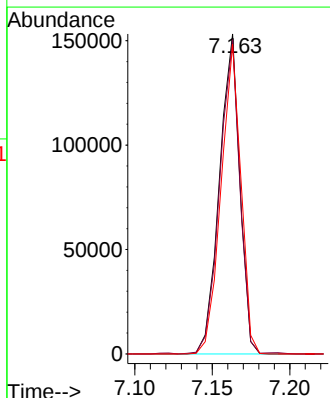
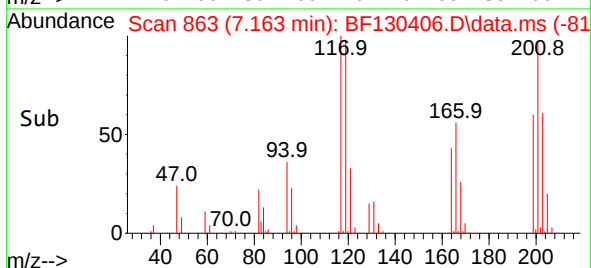
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

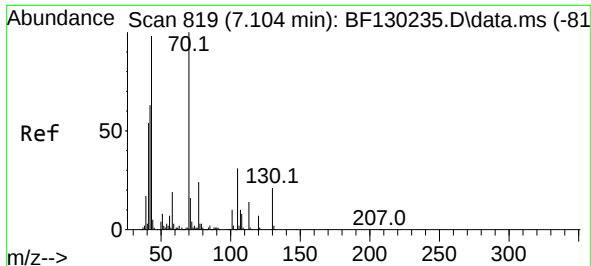


#18
Hexachloroethane
Concen: 42.814 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.000 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49



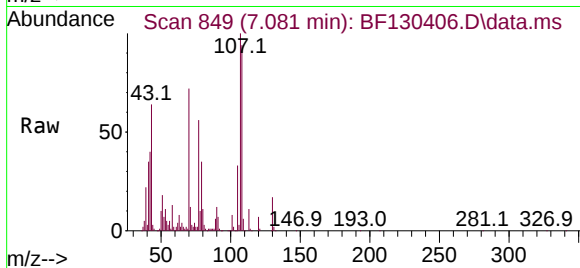
Tgt Ion:117 Resp: 139415
Ion Ratio Lower Upper
117 100
119 98.2 77.8 116.6
201 96.8 68.7 103.1





#19
n-Nitroso-di-n-propylamine
Concen: 41.154 ng
RT: 7.081 min Scan# 847
Delta R.T. 0.006 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

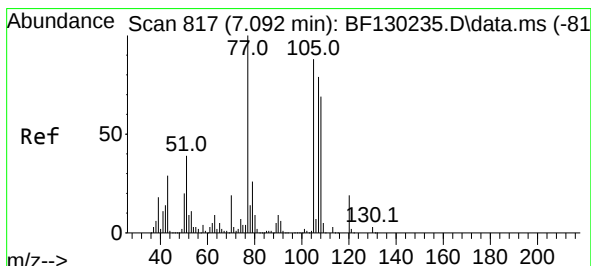
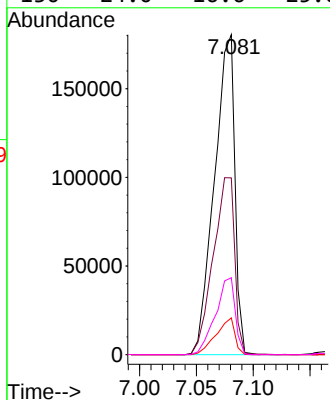
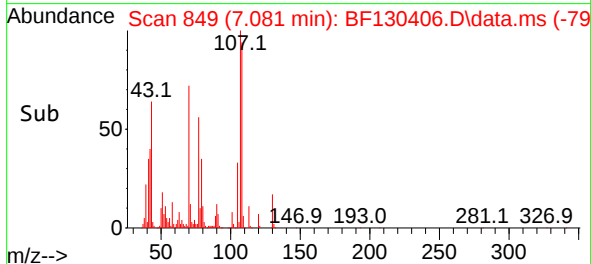
Instrument :
BNA_F
ClientSampleId :
PB147850BS



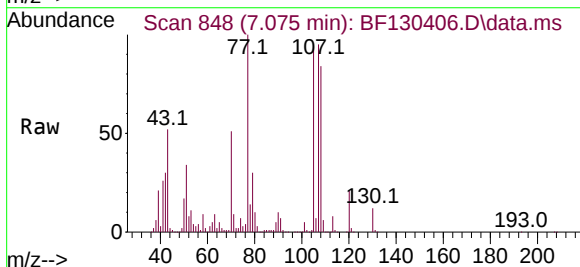
Tgt Ion: 70 Resp: 224563
Ion Ratio Lower Upper
70 100
42 55.2 50.8 76.2
101 11.5 8.2 12.4
130 24.0 16.6 25.0

Manual Integrations
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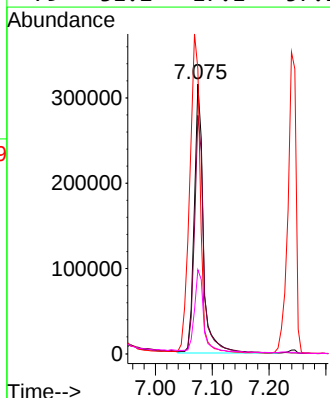
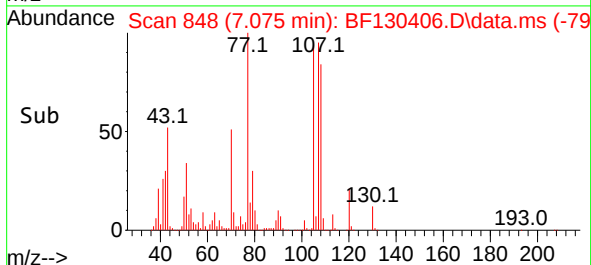
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

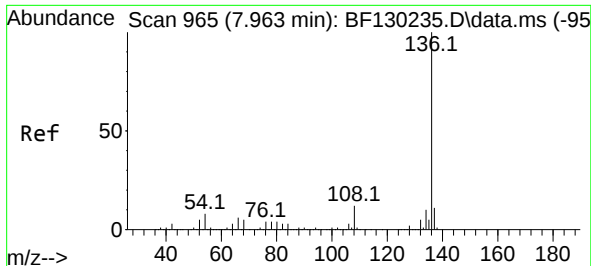


#20
3+4-Methylphenols
Concen: 44.758 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49



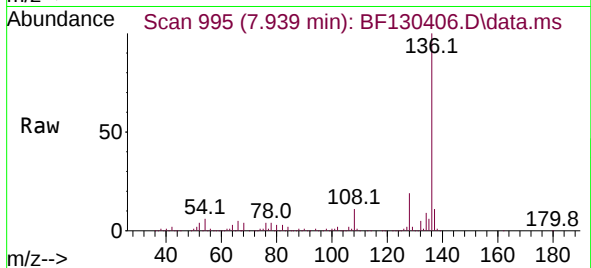
Tgt Ion:107 Resp: 347969
Ion Ratio Lower Upper
107 100
108 88.4 74.8 114.8
77 105.6 125.8 165.8#
79 31.2 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.939 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

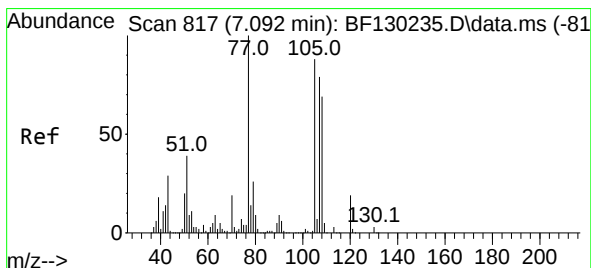
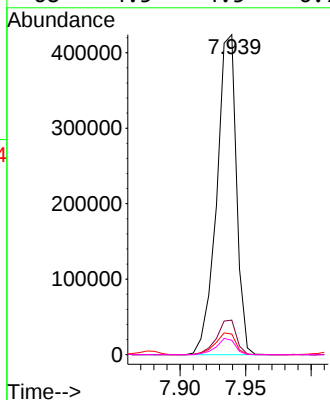
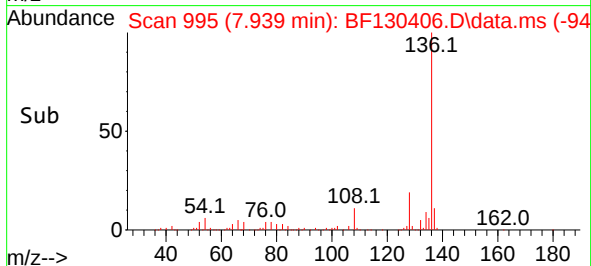
Instrument :
BNA_F
ClientSampleId :
PB147850BS



Tgt Ion:136 Resp: 444510
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 6.4 7.1 10.7
68 4.5 4.5 6.7#

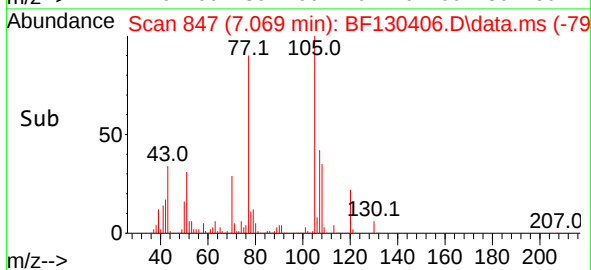
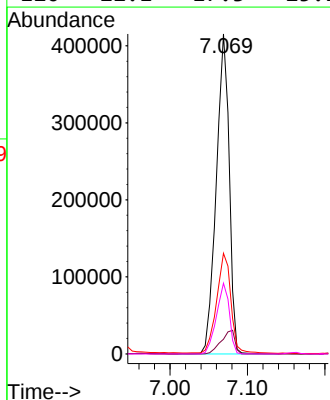
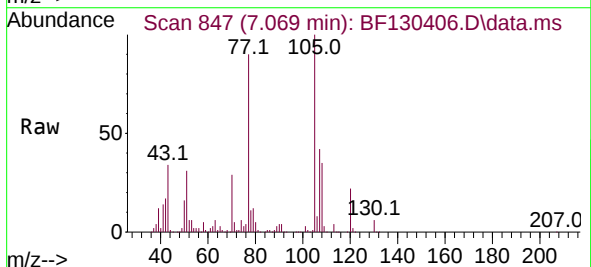
Manual Integrations
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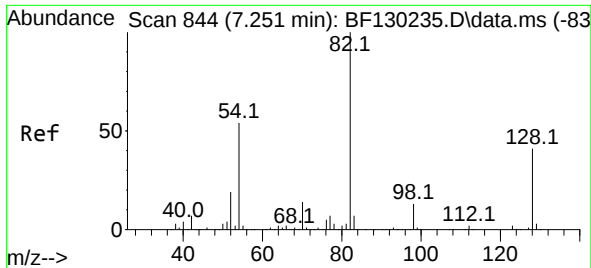
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#22
Acetophenone
Concen: 44.319 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.000 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

Tgt Ion:105 Resp: 481640
Ion Ratio Lower Upper
105 100
71 4.6 3.9 5.9
51 31.4 32.2 48.2#
120 22.1 17.3 25.9





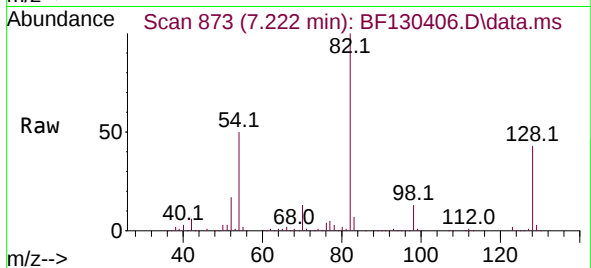
#23
Nitrobenzene-d5
Concen: 78.576 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

Instrument :

BNA_F

ClientSampleId :

PB147850BS

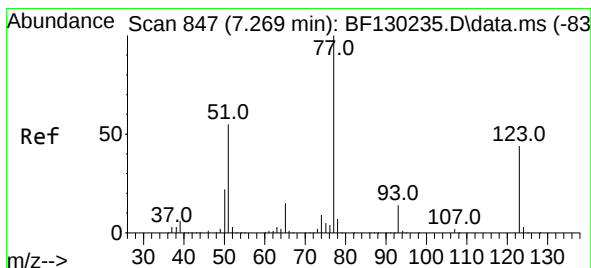
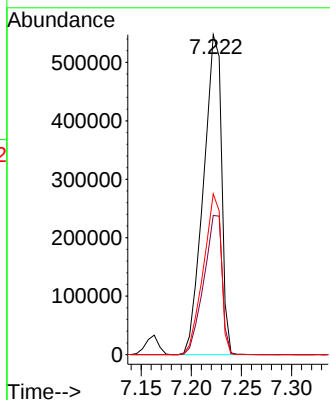
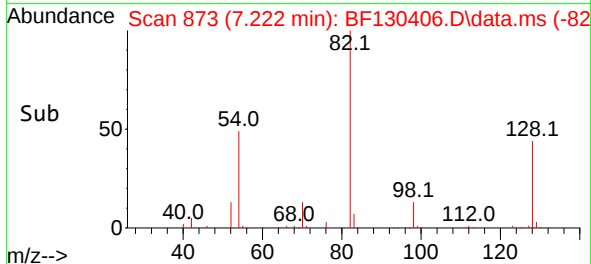


Tgt Ion: 82 Resp: 683676
Ion Ratio Lower Upper
82 100
128 43.5 32.6 49.0
54 50.2 43.8 65.6

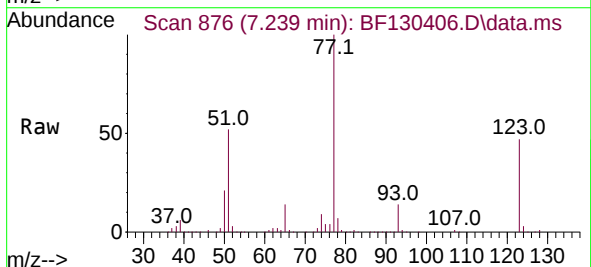
Manual Integrations

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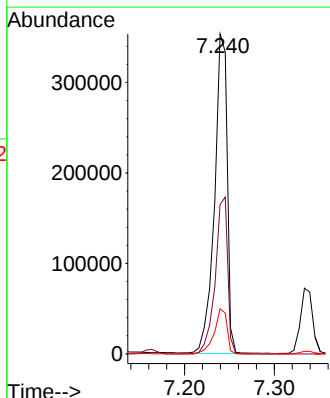
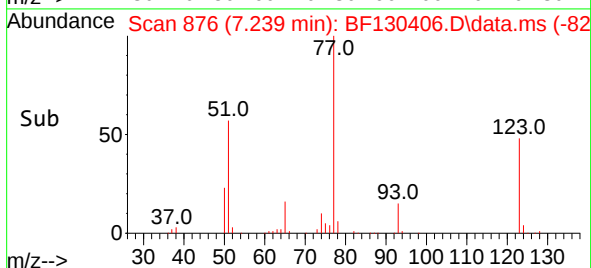
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

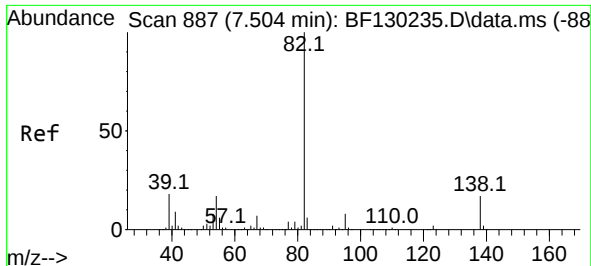


#24
Nitrobenzene
Concen: 39.790 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.000 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49



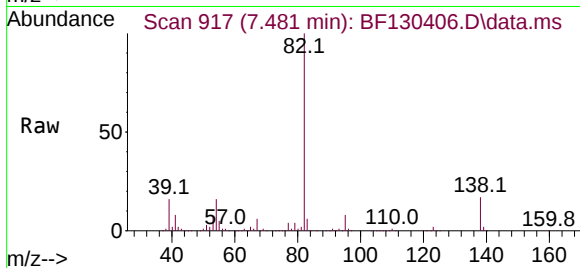
Tgt Ion: 77 Resp: 351537
Ion Ratio Lower Upper
77 100
123 46.7 34.3 51.5
65 14.1 12.0 18.0





#25
Isophorone
Concen: 44.310 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.000 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

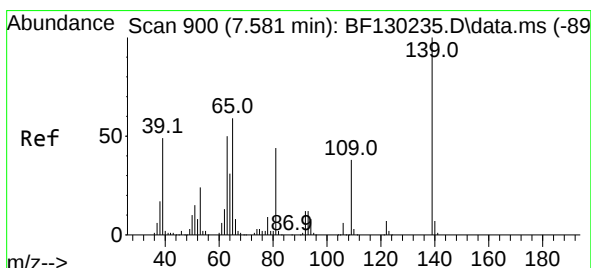
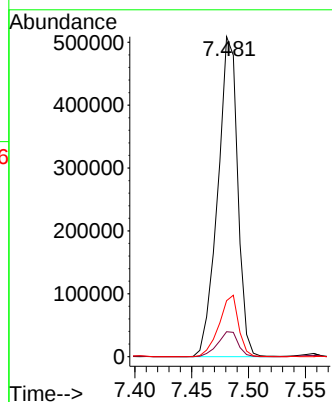
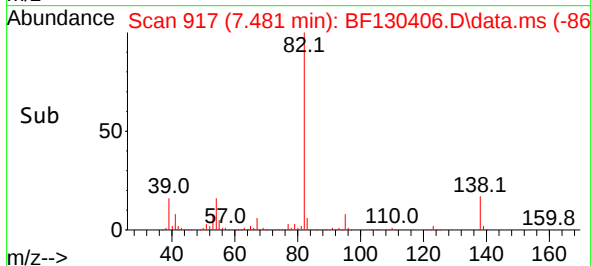
Instrument :
BNA_F
ClientSampleId :
PB147850BS



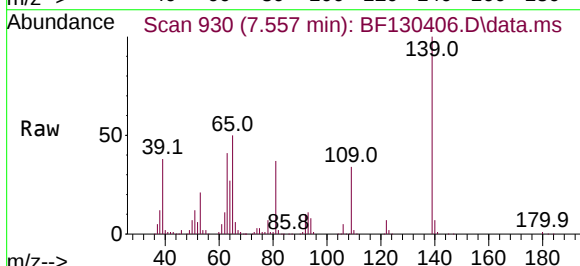
Tgt Ion: 82 Resp: 62138
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 17.5 13.8 20.6

Manual Integrations
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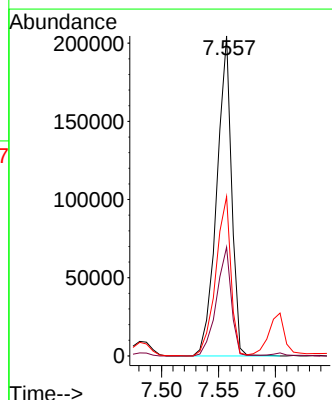
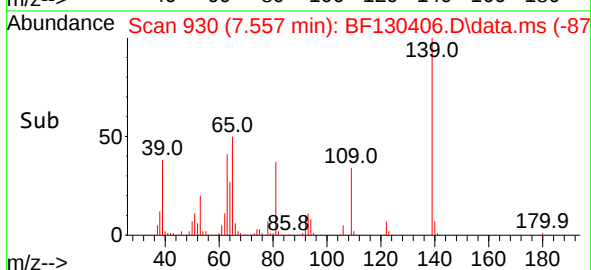
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

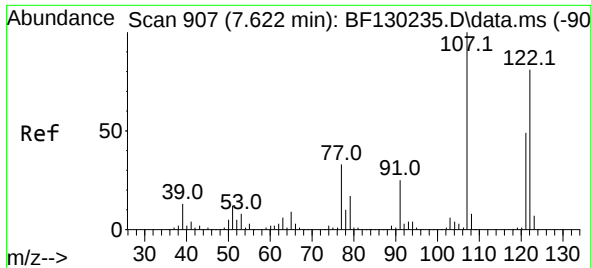


#26
2-Nitrophenol
Concen: 51.252 ng
RT: 7.557 min Scan# 930
Delta R.T. -0.000 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49



Tgt Ion:139 Resp: 185615
Ion Ratio Lower Upper
139 100
109 34.0 30.2 45.4
65 49.8 48.9 73.3





#27

2,4-Dimethylphenol

Concen: 49.397 ng

RT: 7.604 min Scan# 931

Delta R.T. 0.006 min

Lab File: BF130406.D

Acq: 26 Sep 2022 13:49

Instrument :

BNA_F

ClientSampleId :

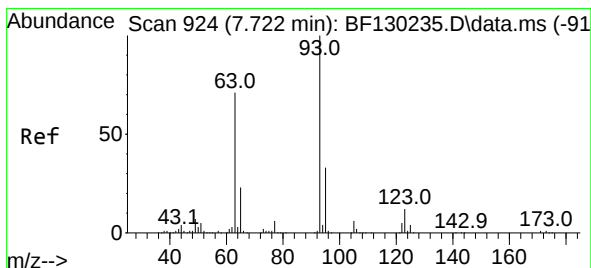
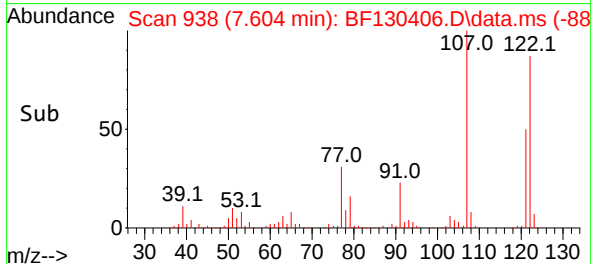
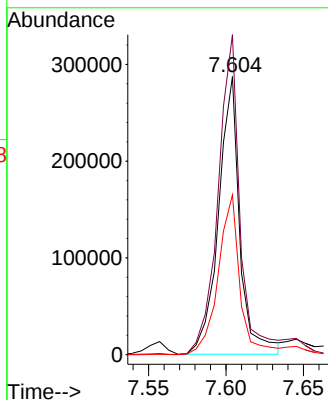
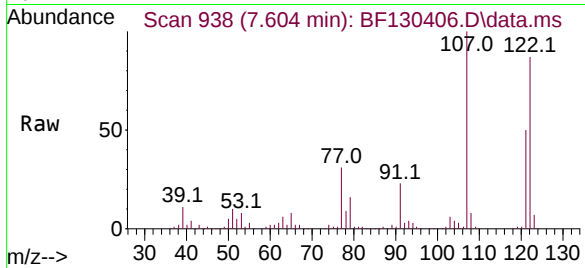
PB147850BS

Tgt Ion:122 Resp: 275458
 Ion Ratio Lower Upper
 122 100
 107 115.1 100.2 150.2
 121 57.5 47.8 71.8

Manual Integrations

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Reviewed By :Christian Giraldo 09/27/2022
 Supervised By :Jagrut Upadhyay 09/27/2022



#28

bis(2-Chloroethoxy)methane

Concen: 47.225 ng

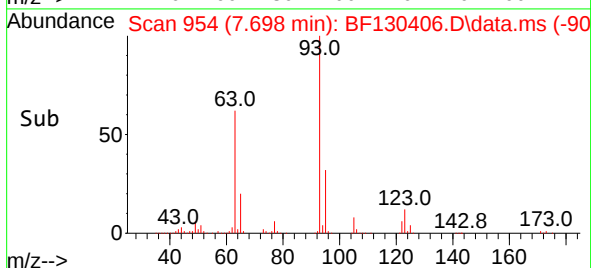
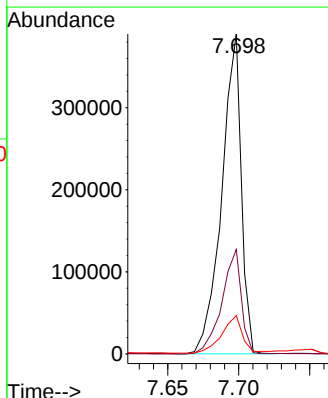
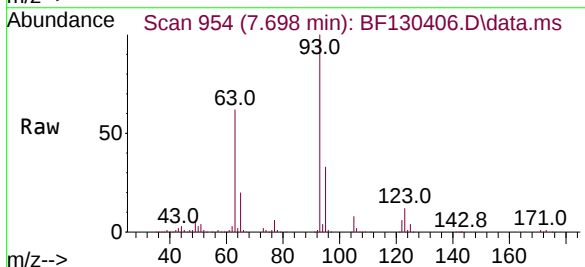
RT: 7.698 min Scan# 954

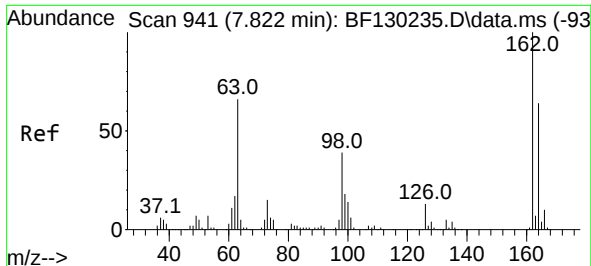
Delta R.T. 0.006 min

Lab File: BF130406.D

Acq: 26 Sep 2022 13:49

Tgt Ion: 93 Resp: 372909
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.3 39.5
 123 12.0 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 47.357 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF130406.D

Acq: 26 Sep 2022 13:49

Instrument :

BNA_F

ClientSampleId :

PB147850BS

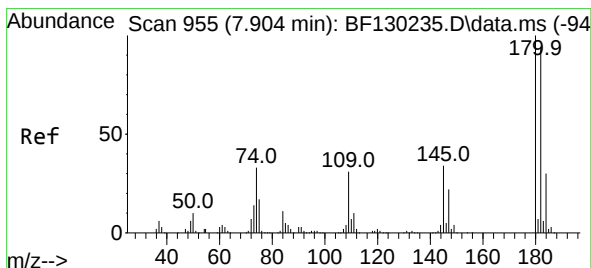
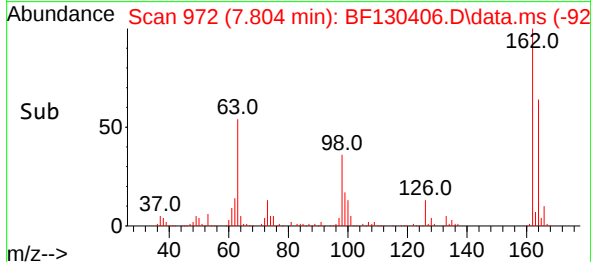
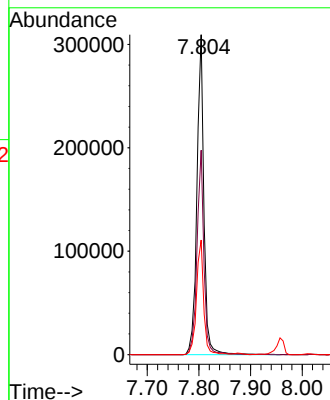
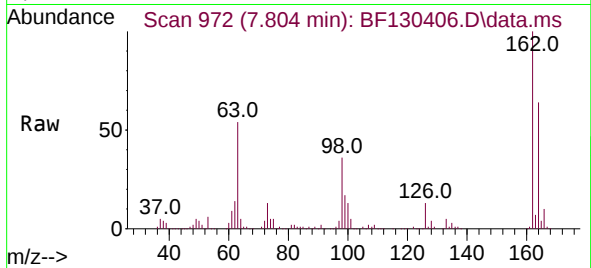
Tgt Ion:162	Resp: 289392
Ion Ratio	Lower Upper
162 100	
164 63.9	42.2 82.2
98 35.8	21.7 61.7

Manual Integrations

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Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#30

1,2,4-Trichlorobenzene

Concen: 44.882 ng

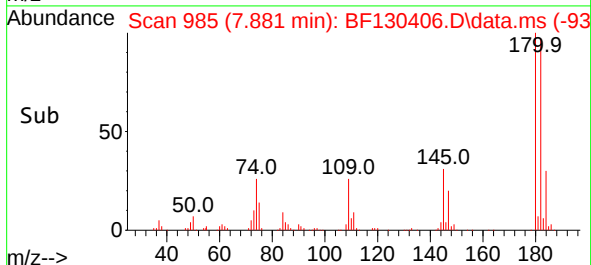
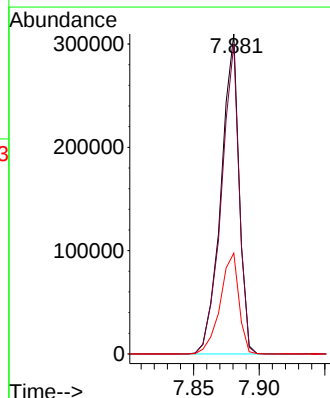
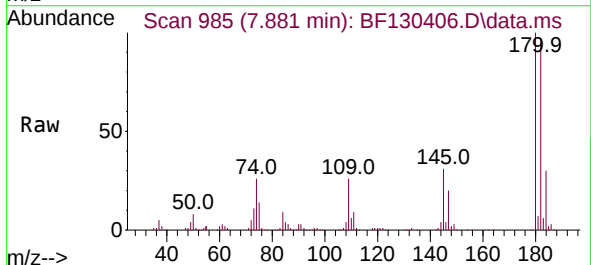
RT: 7.881 min Scan# 985

Delta R.T. -0.000 min

Lab File: BF130406.D

Acq: 26 Sep 2022 13:49

Tgt Ion:180	Resp: 296525
Ion Ratio	Lower Upper
180 100	
182 96.8	73.3 109.9
145 31.5	28.3 42.5





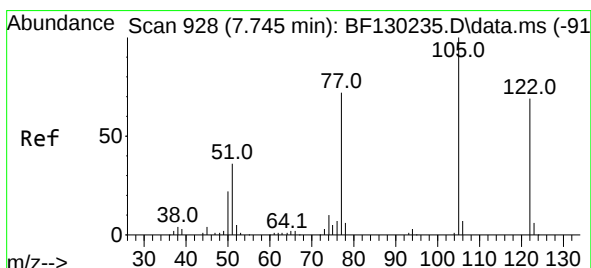
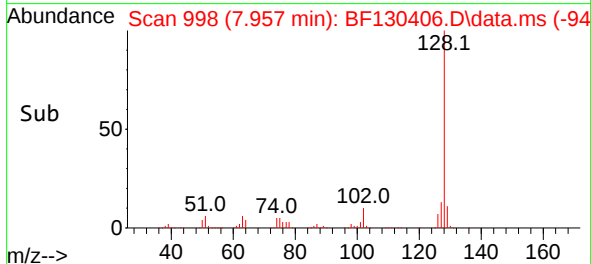
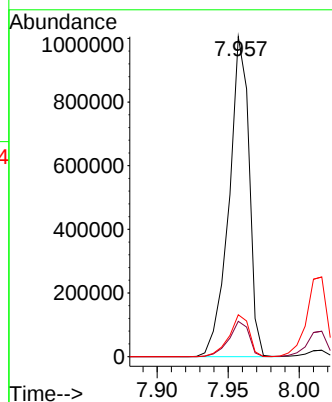
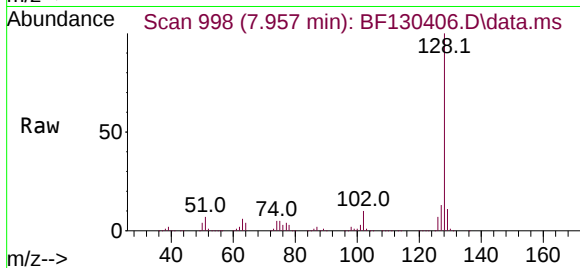
#31
Naphthalene
Concen: 43.168 ng
RT: 7.957 min Scan# 99
Delta R.T. -0.000 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB147850BS

Tgt Ion:128 Resp: 988582
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.1 10.6 16.0

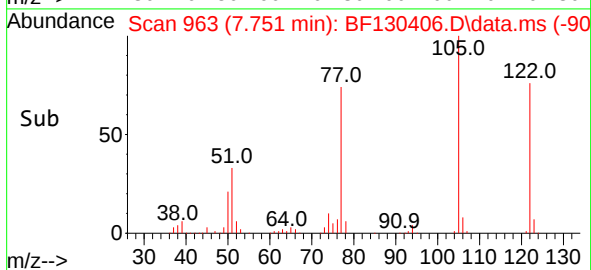
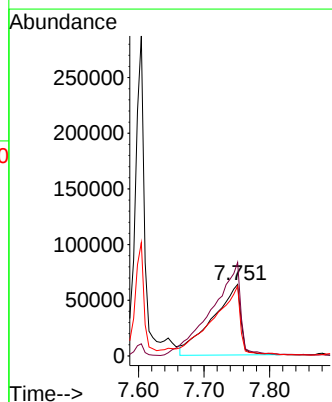
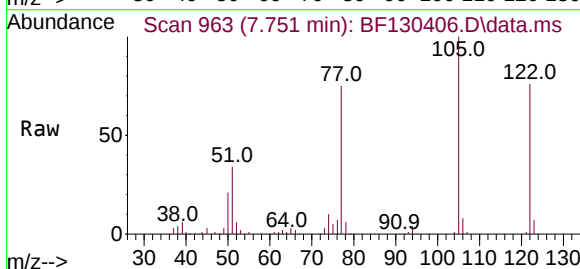
Manual Integrations
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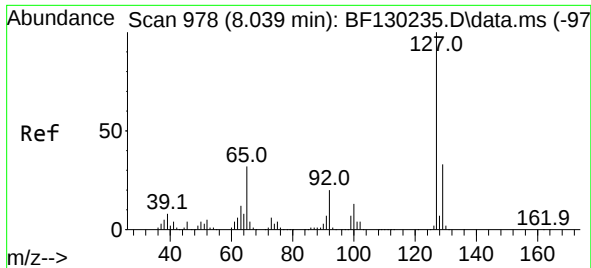
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#32
Benzoic acid
Concen: 44.036 ng
RT: 7.751 min Scan# 963
Delta R.T. 0.023 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

Tgt Ion:122 Resp: 189899
Ion Ratio Lower Upper
122 100
105 130.9 112.9 152.9
77 97.8 82.8 122.8





#33
4-Chloroaniline
Concen: 31.052 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

Instrument :

BNA_F

ClientSampleId :

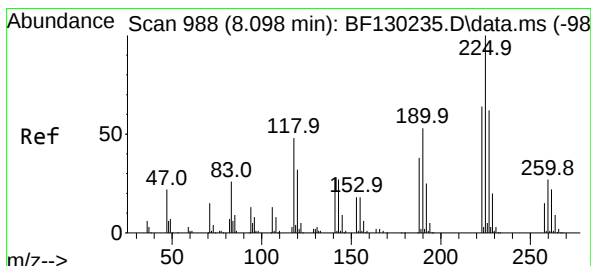
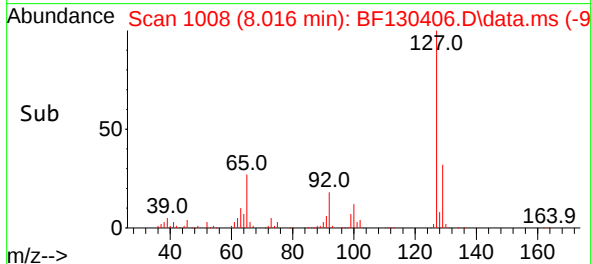
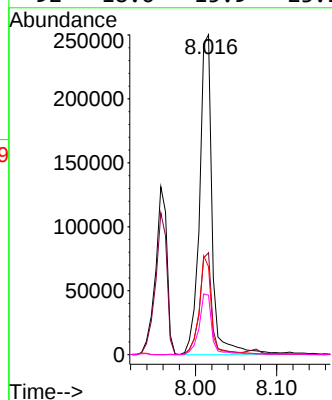
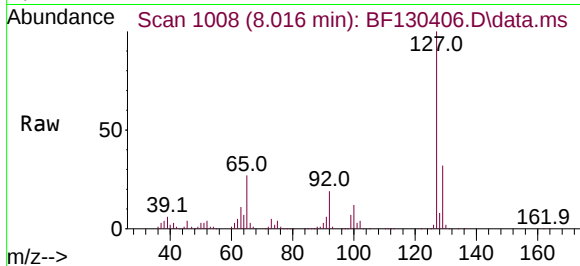
PB147850BS

Tgt Ion:127 Resp: 270459
Ion Ratio Lower Upper
127 100
129 31.8 25.6 38.4
65 27.5 27.0 40.6
92 18.6 15.9 23.9

Manual Integrations

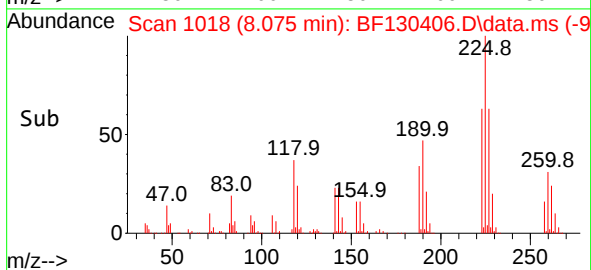
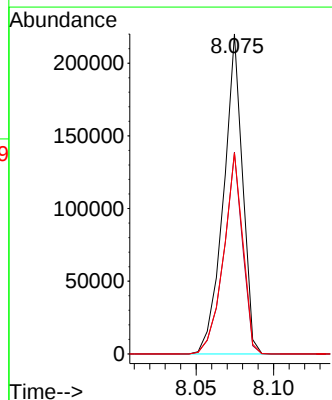
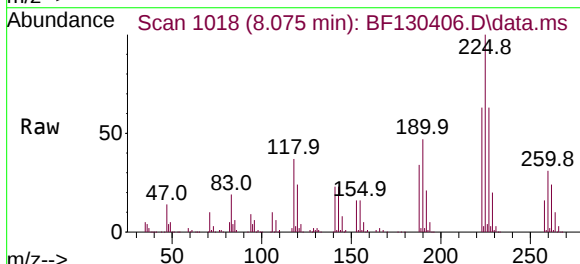
APPROVED

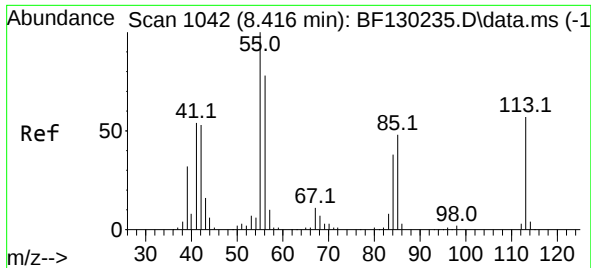
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#34
Hexachlorobutadiene
Concen: 44.597 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

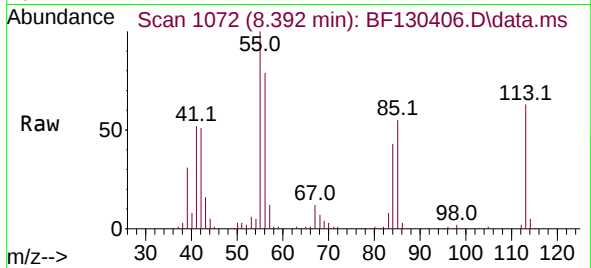
Tgt Ion:225 Resp: 188302
Ion Ratio Lower Upper
225 100
223 63.0 50.3 75.5
227 62.8 51.1 76.7





#35
Caprolactam
Concen: 51.625 ng m
RT: 8.392 min Scan# 1042
Delta R.T. 0.006 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

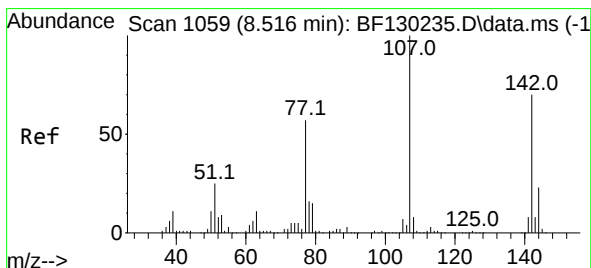
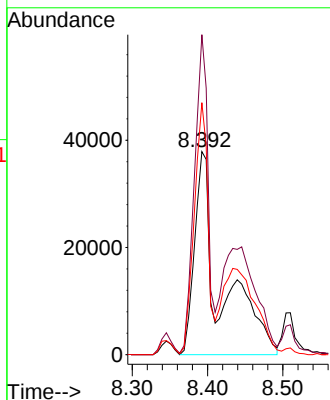
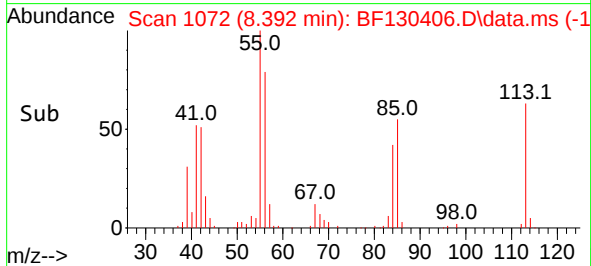
Instrument :
BNA_F
ClientSampleId :
PB147850BS



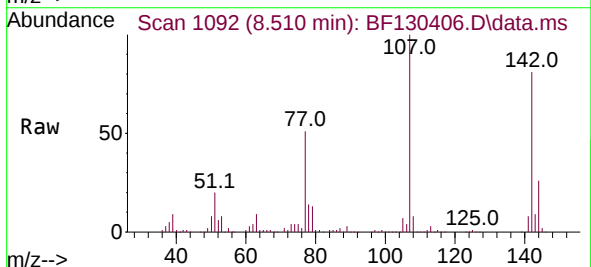
Tgt Ion:113 Resp: 90439
Ion Ratio Lower Upper
113 100
55 157.6 155.4 195.4
56 124.1 120.4 160.4

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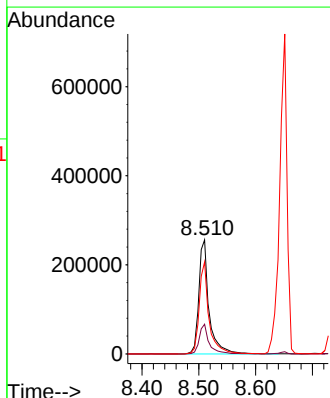
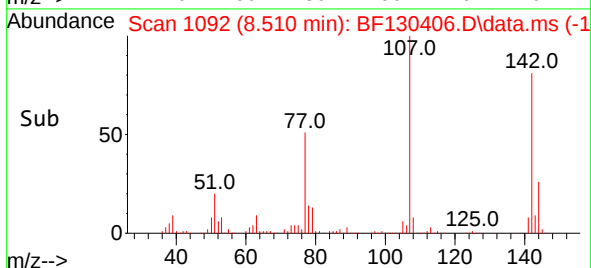
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

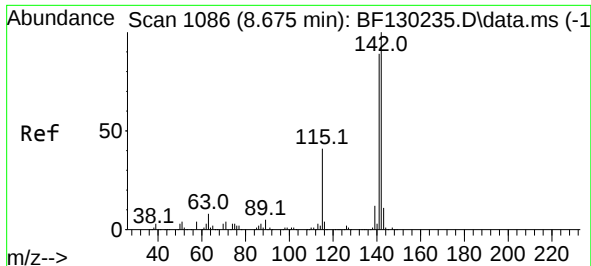


#36
4-Chloro-3-methylphenol
Concen: 46.789 ng
RT: 8.510 min Scan# 1092
Delta R.T. 0.006 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49



Tgt Ion:107 Resp: 316915
Ion Ratio Lower Upper
107 100
144 26.1 20.0 30.0
142 80.7 61.3 91.9





#37

2-Methylnaphthalene

Concen: 44.314 ng

RT: 8.651 min Scan# 1116

Delta R.T. -0.000 min

Lab File: BF130406.D

Acq: 26 Sep 2022 13:49

Instrument :

BNA_F

ClientSampleId :

PB147850BS

Tgt Ion:142 Resp: 647040

Ion Ratio Lower Upper

142 100

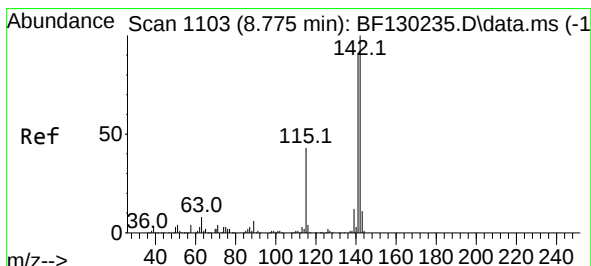
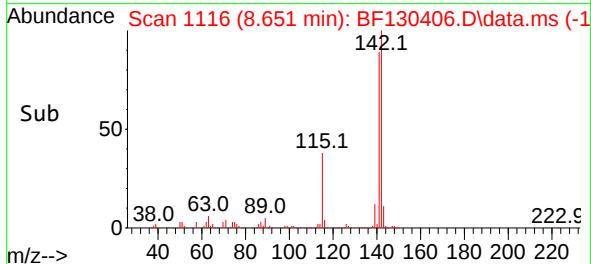
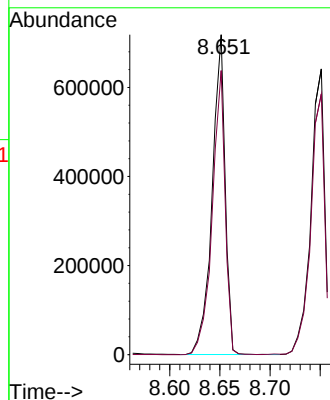
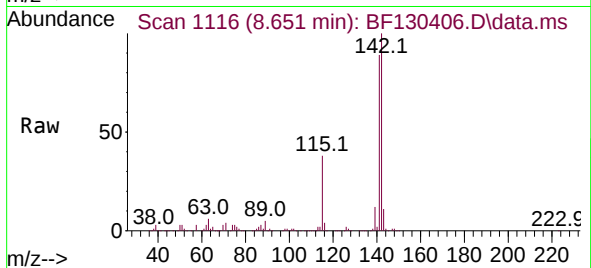
141 88.8 70.0 105.0

Manual Integrations

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Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#38

1-Methylnaphthalene

Concen: 43.832 ng

RT: 8.751 min Scan# 1133

Delta R.T. 0.006 min

Lab File: BF130406.D

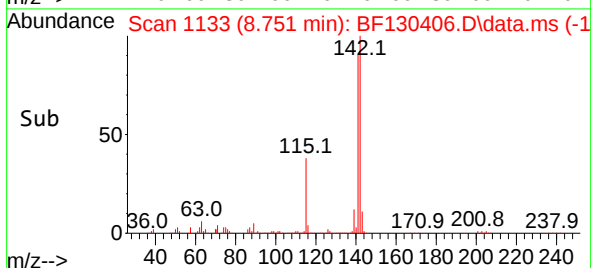
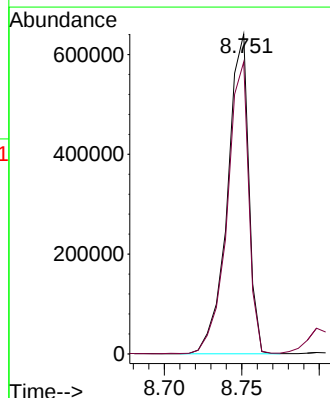
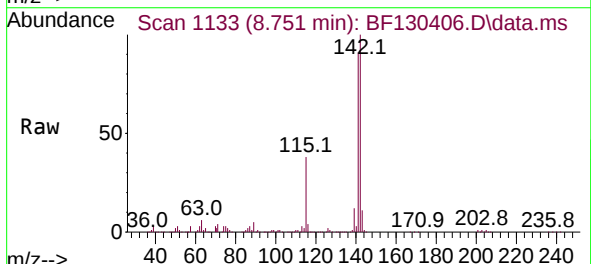
Acq: 26 Sep 2022 13:49

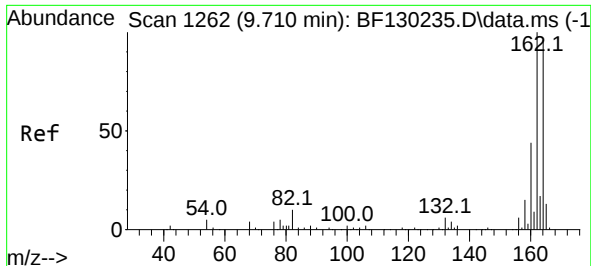
Tgt Ion:142 Resp: 614817

Ion Ratio Lower Upper

142 100

141 91.2 73.8 110.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.692 min Scan# 1262

Delta R.T. 0.006 min

Lab File: BF130406.D

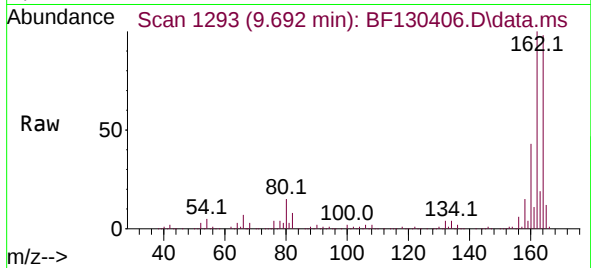
Acq: 26 Sep 2022 13:49

Instrument :

BNA_F

ClientSampleId :

PB147850BS

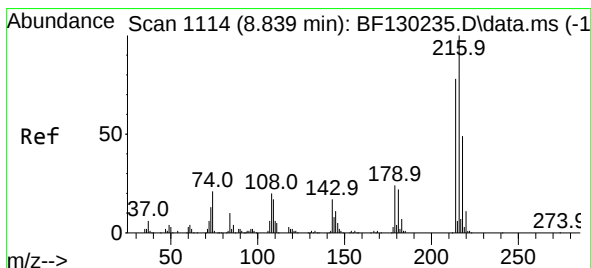
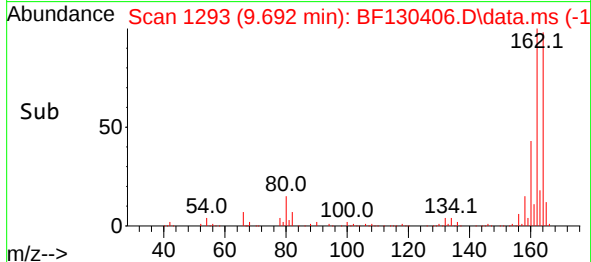
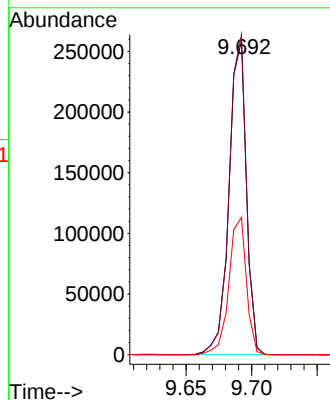


Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.4	122.0
160	43.7	36.2	54.4

Manual Integrations

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Supervised By :Jagrut Upadhyay 09/27/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.374 ng

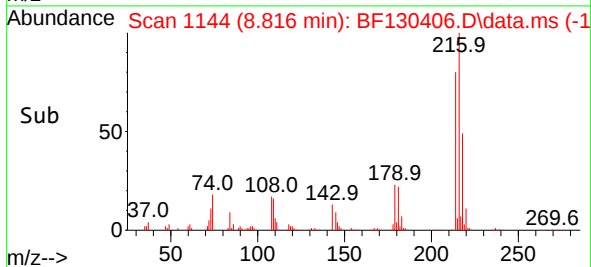
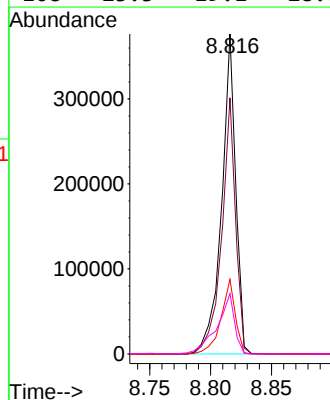
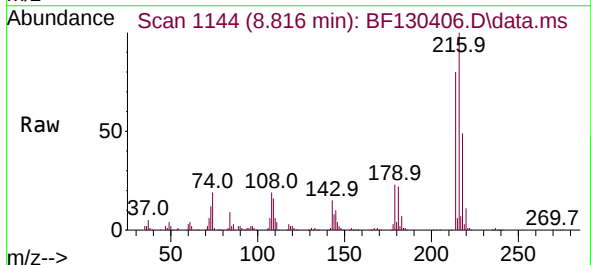
RT: 8.816 min Scan# 1144

Delta R.T. -0.000 min

Lab File: BF130406.D

Acq: 26 Sep 2022 13:49

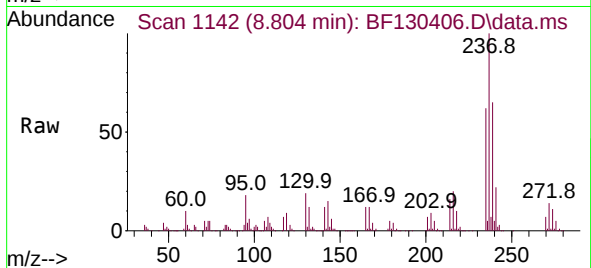
Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	62.8	94.2
179	23.7	19.5	29.3
108	23.3	19.1	28.7





#41
Hexachlorocyclopentadiene
Concen: 105.964 ng
RT: 8.804 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

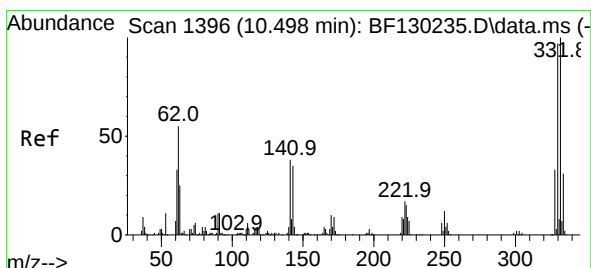
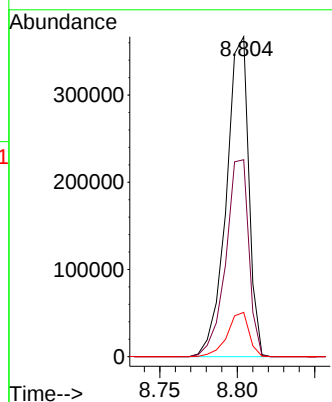
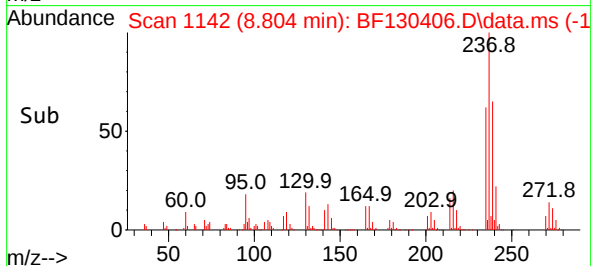
Instrument :
BNA_F
ClientSampleId :
PB147850BS



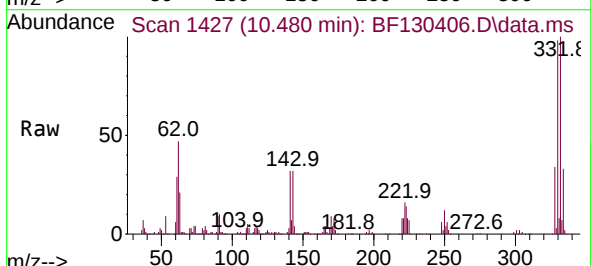
Tgt Ion: 237 Resp: 370072
Ion Ratio Lower Upper
237 100
235 61.5 42.5 82.5
272 13.8 0.0 32.8

Manual Integrations
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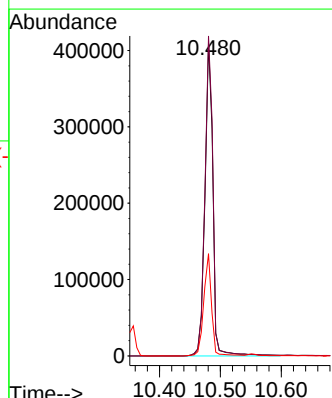
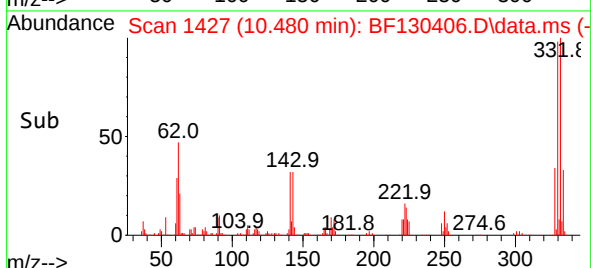
Reviewed By : Christian Giraldo 09/27/2022
Supervised By : Jagrut Upadhyay 09/27/2022

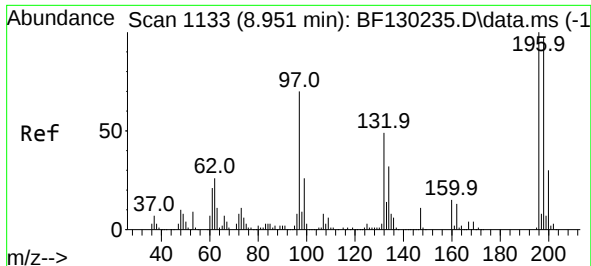


#42
2,4,6-Tribromophenol
Concen: 161.473 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49



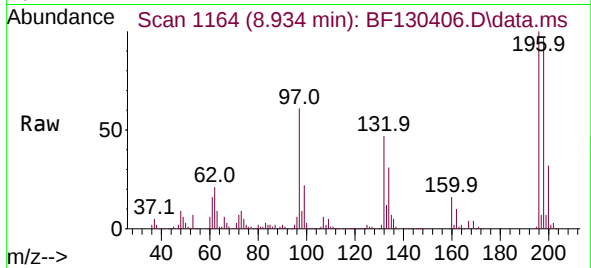
Tgt Ion: 330 Resp: 369827
Ion Ratio Lower Upper
330 100
332 103.3 83.4 125.2
141 32.0 34.0 51.0#





#43
2,4,6-Trichlorophenol
Concen: 45.357 ng
RT: 8.934 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

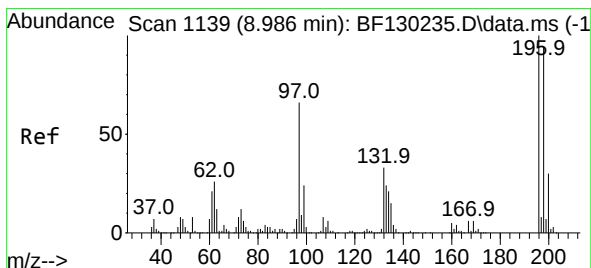
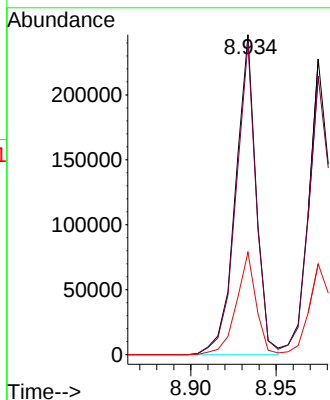
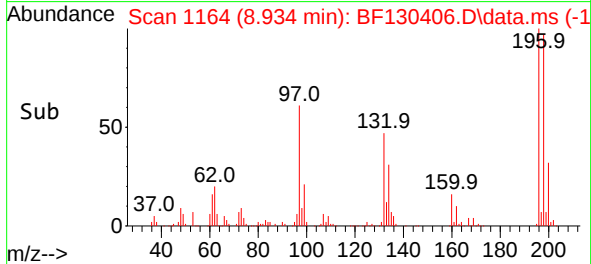
Instrument :
BNA_F
ClientSampleId :
PB147850BS



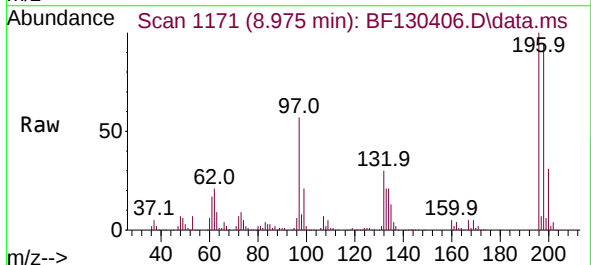
Tgt Ion:196 Resp: 206492
Ion Ratio Lower Upper
196 100
198 97.5 72.4 108.6
200 32.0 23.8 35.6

Manual Integrations
APPROVED

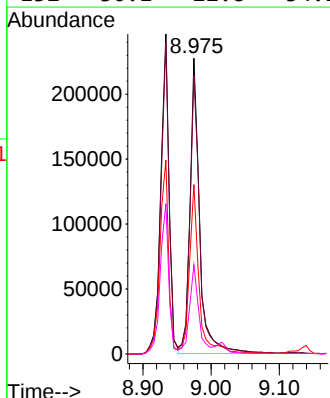
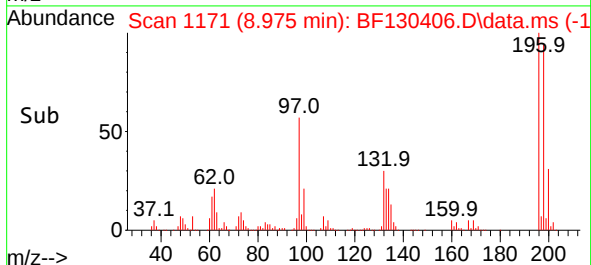
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

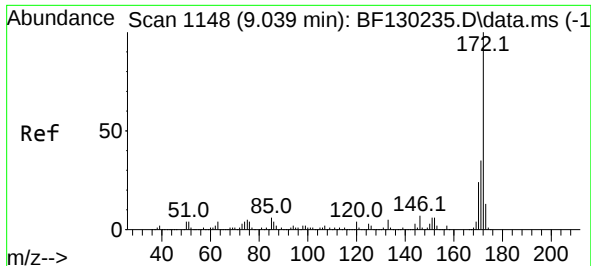


#44
2,4,5-Trichlorophenol
Concen: 45.830 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49



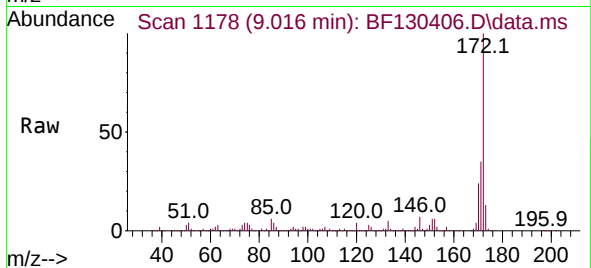
Tgt Ion:196 Resp: 225151
Ion Ratio Lower Upper
196 100
198 94.1 74.8 112.2
97 57.3 43.7 65.5
132 30.1 22.8 34.2





#45
2-Fluorobiphenyl
Concen: 82.183 ng
RT: 9.016 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

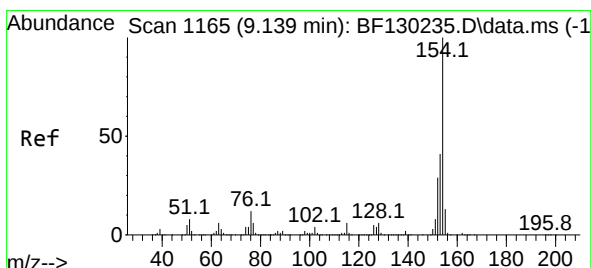
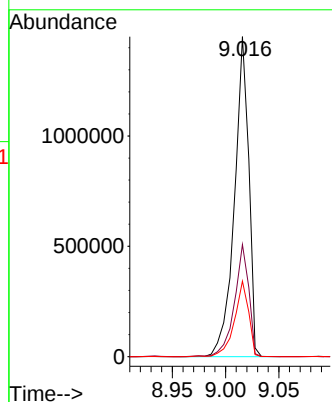
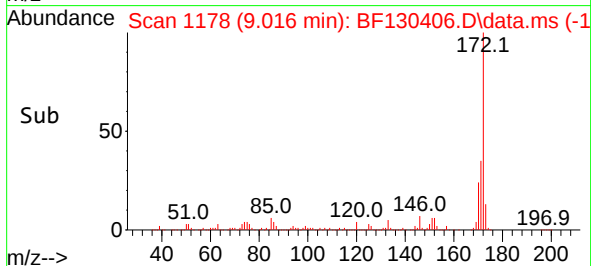
Instrument :
BNA_F
ClientSampleId :
PB147850BS



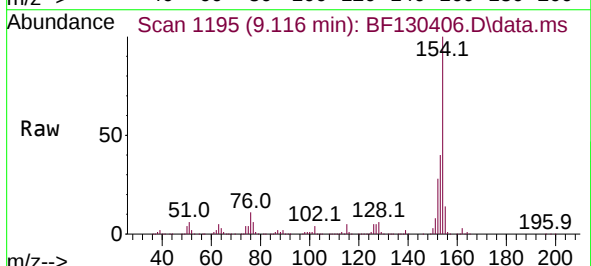
Tgt Ion:172 Resp: 1348989
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.6 18.7 28.1

Manual Integrations
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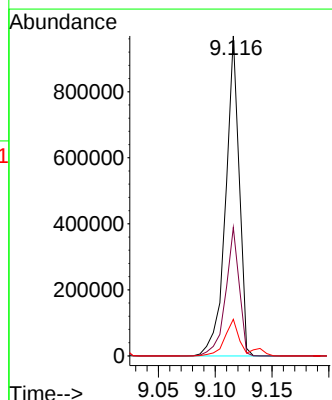
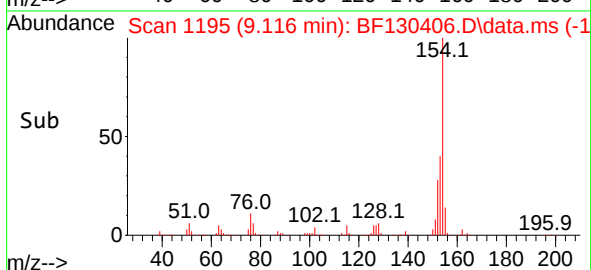
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

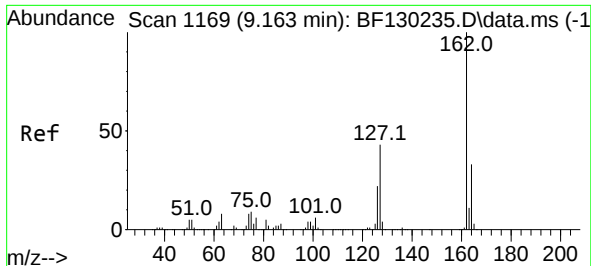


#46
1,1'-Biphenyl
Concen: 44.892 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49



Tgt Ion:154 Resp: 801385
Ion Ratio Lower Upper
154 100
153 40.1 20.0 60.0
76 11.4 0.0 33.3





#47

2-Chloronaphthalene

Concen: 43.272 ng

RT: 9.139 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF130406.D

Acq: 26 Sep 2022 13:49

Instrument :

BNA_F

ClientSampleId :

PB147850BS

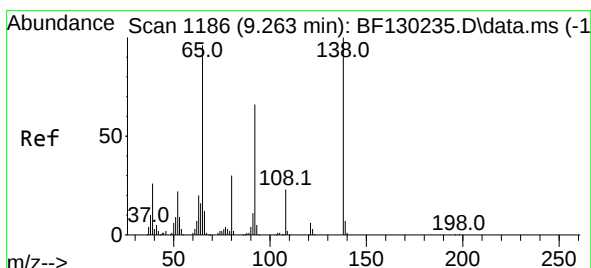
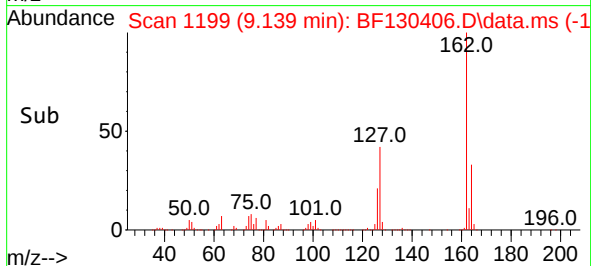
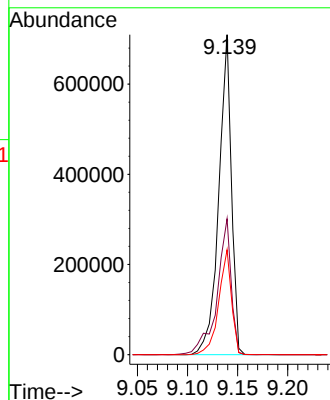
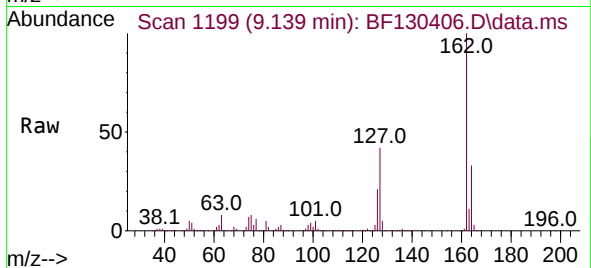
Tgt Ion:162 Resp: 624886
 Ion Ratio Lower Upper
 162 100
 127 42.5 35.9 53.9
 164 32.8 26.2 39.2

Manual Integrations

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Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#48

2-Nitroaniline

Concen: 40.454 ng

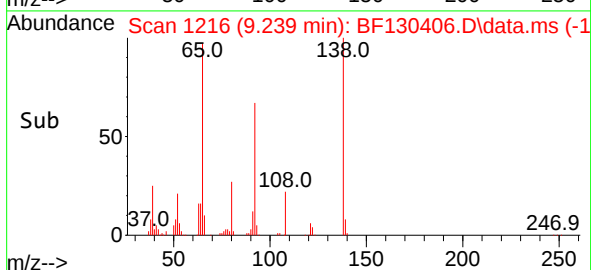
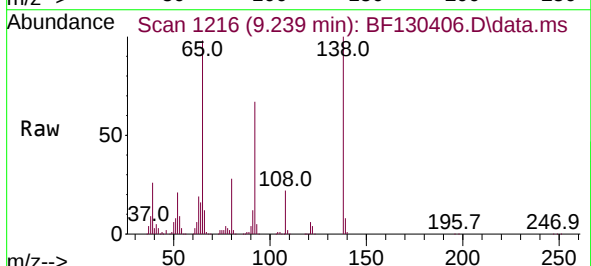
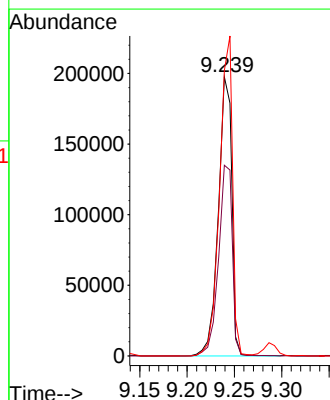
RT: 9.239 min Scan# 1216

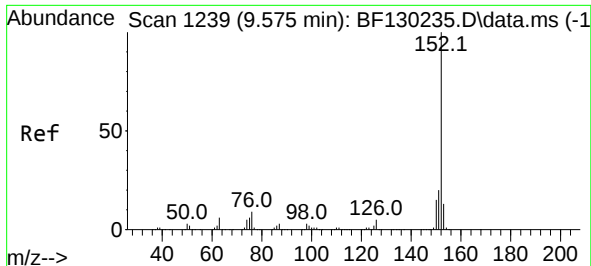
Delta R.T. -0.000 min

Lab File: BF130406.D

Acq: 26 Sep 2022 13:49

Tgt Ion: 65 Resp: 194845
 Ion Ratio Lower Upper
 65 100
 92 68.3 52.2 78.4
 138 102.3 77.0 115.4





#49

Acenaphthylene

Concen: 43.850 ng

RT: 9.551 min Scan# 1269

Delta R.T. -0.000 min

Lab File: BF130406.D

Acq: 26 Sep 2022 13:49

Instrument :

BNA_F

ClientSampleId :

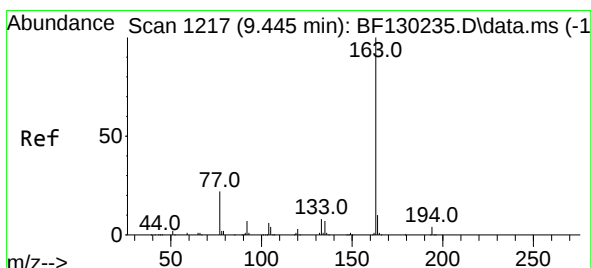
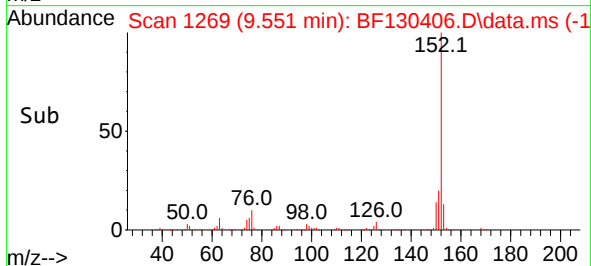
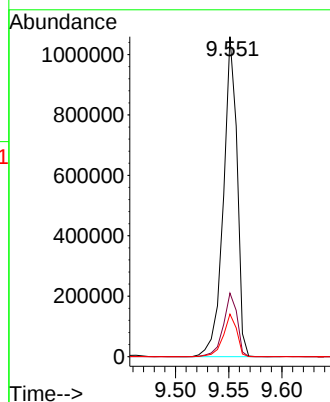
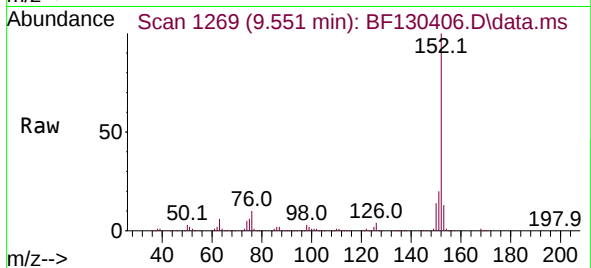
PB147850BS

Tgt Ion:152	Resp: 949421
Ion Ratio	Lower Upper
152	100
151	19.8 16.2 24.2
153	13.3 10.6 15.8

Manual Integrations

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Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#50

Dimethylphthalate

Concen: 44.954 ng

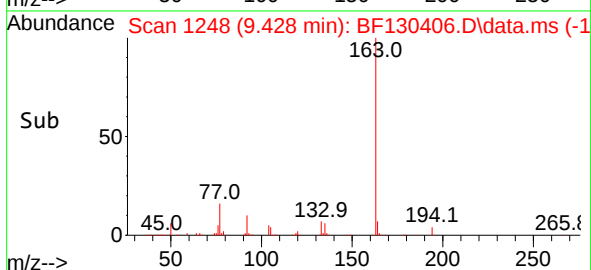
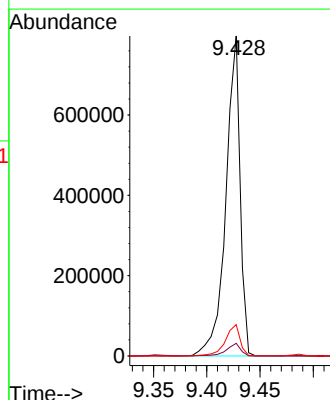
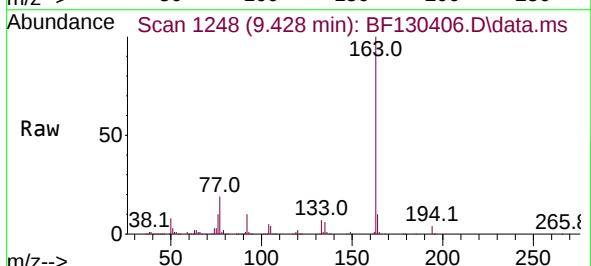
RT: 9.428 min Scan# 1248

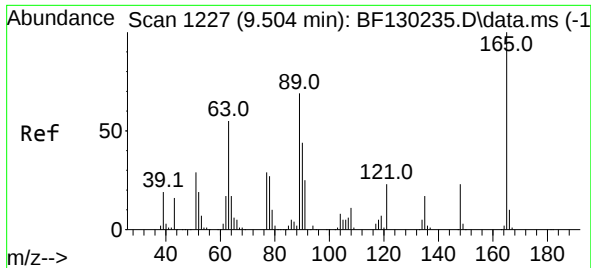
Delta R.T. 0.006 min

Lab File: BF130406.D

Acq: 26 Sep 2022 13:49

Tgt Ion:163	Resp: 742233
Ion Ratio	Lower Upper
163	100
194	3.9 2.8 4.2
164	9.8 8.2 12.2





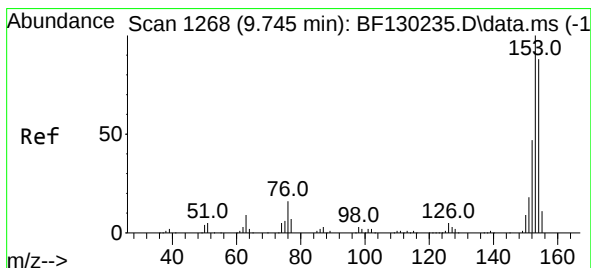
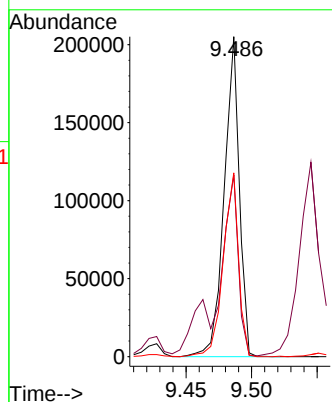
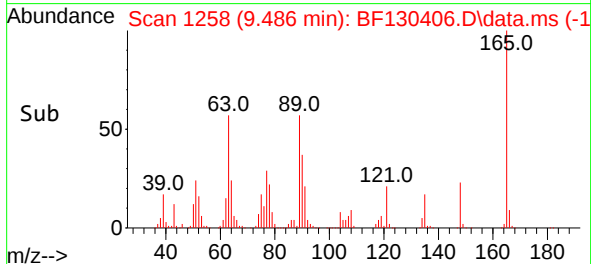
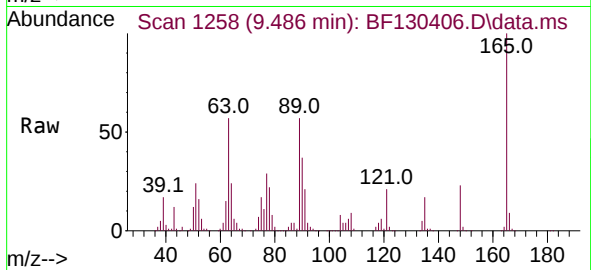
#51
2,6-Dinitrotoluene
Concen: 47.822 ng
RT: 9.486 min Scan# 1258
Delta R.T. -0.000 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB147850BS

Tgt Ion:165 Resp: 165132
Ion Ratio Lower Upper
165 100
63 56.8 58.8 88.2
89 57.4 54.5 81.7

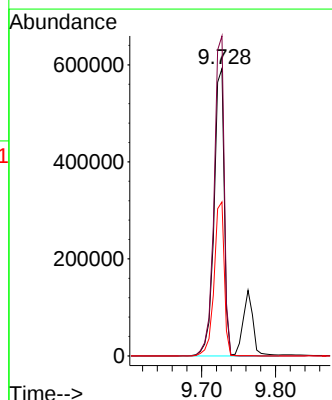
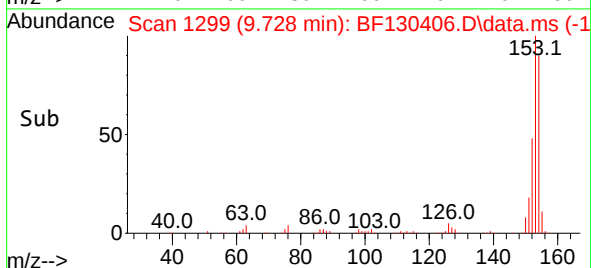
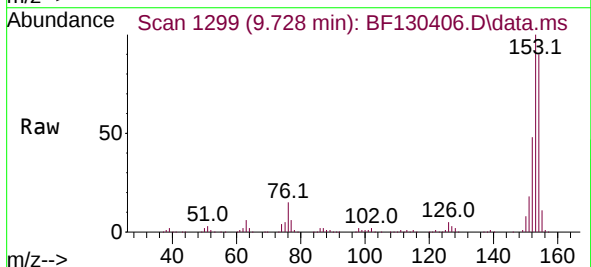
Manual Integrations
APPROVED

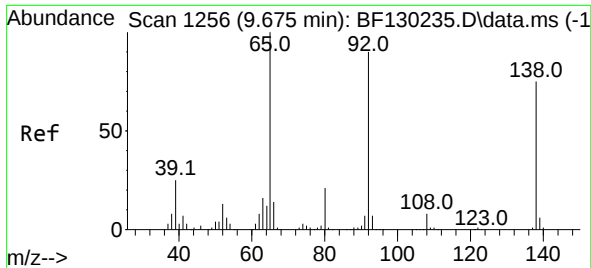
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#52
Acenaphthene
Concen: 48.640 ng m
RT: 9.728 min Scan# 1299
Delta R.T. 0.006 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

Tgt Ion:154 Resp: 691953
Ion Ratio Lower Upper
154 100
153 111.4 90.6 136.0
152 53.6 43.8 65.6





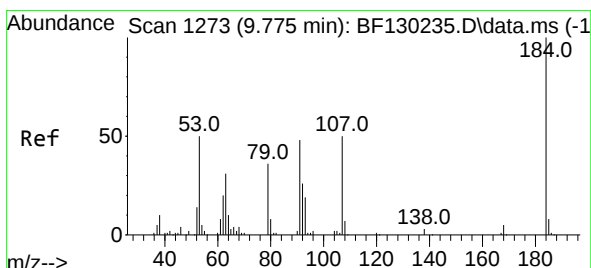
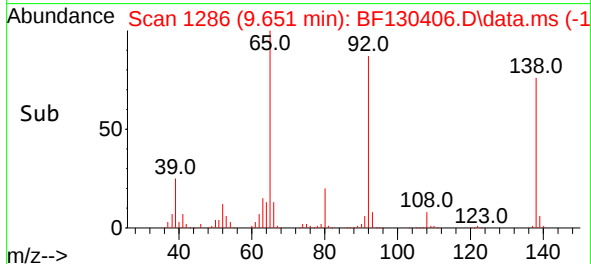
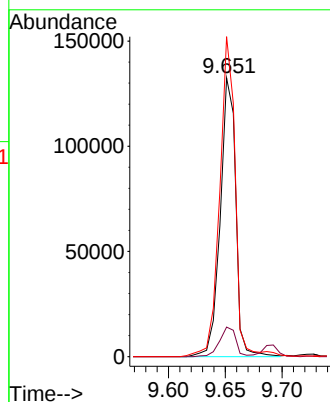
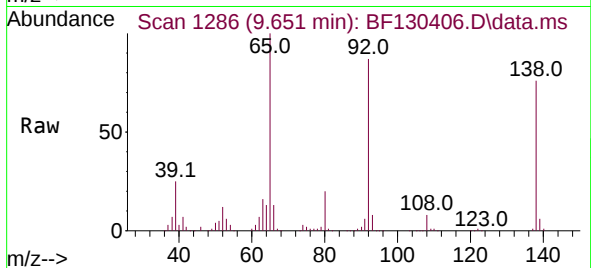
#53
3-Nitroaniline
Concen: 32.534 ng
RT: 9.651 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB147850BS

Tgt Ion:138 Resp: 12518
Ion Ratio Lower Upper
138 100
108 10.6 9.2 13.8
92 114.8 99.2 148.8

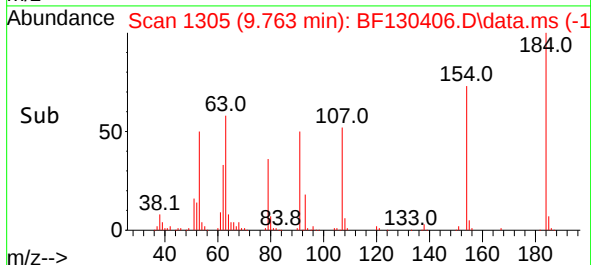
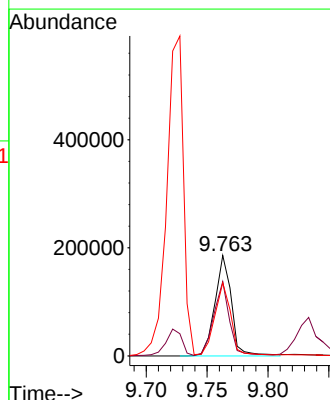
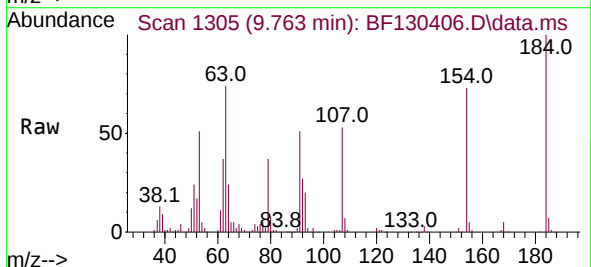
Manual Integrations
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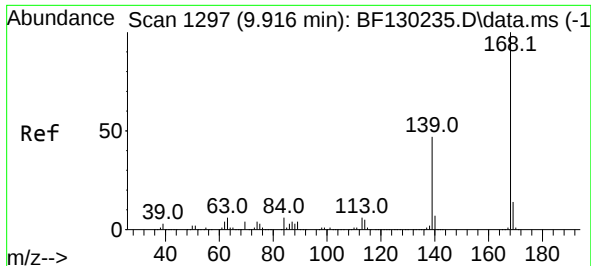
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#54
2,4-Dinitrophenol
Concen: 92.686 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.006 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

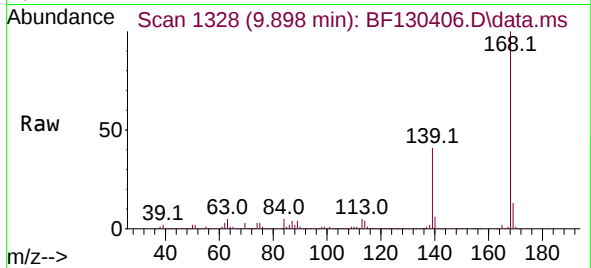
Tgt Ion:184 Resp: 175632
Ion Ratio Lower Upper
184 100
63 73.9 70.0 105.0
154 72.7 63.0 94.6





#55
Dibenzenofuran
Concen: 43.771 ng
RT: 9.898 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

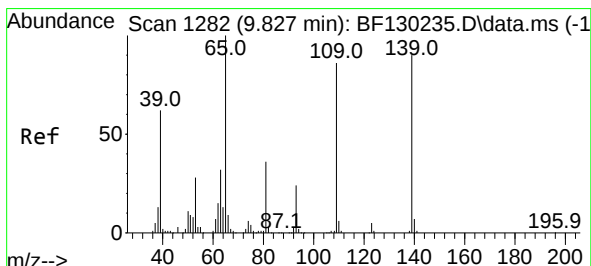
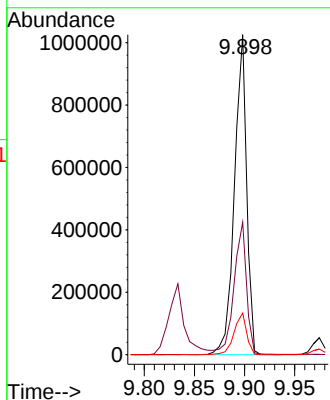
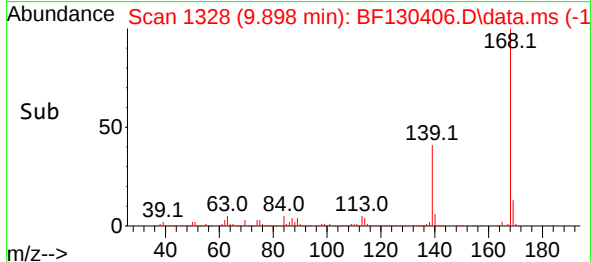
Instrument :
BNA_F
ClientSampleId :
PB147850BS



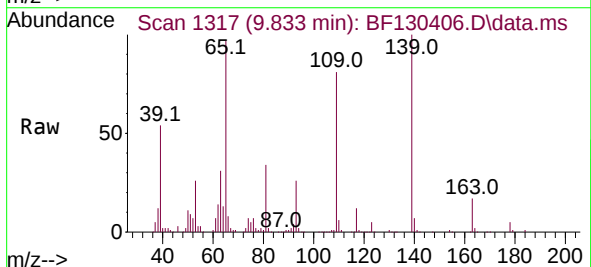
Tgt Ion:168 Resp: 866100
Ion Ratio Lower Upper
168 100
139 41.4 35.0 52.4
169 13.0 10.9 16.3

Manual Integrations
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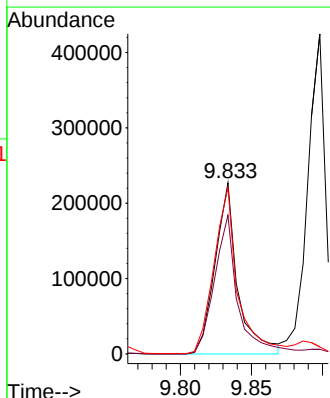
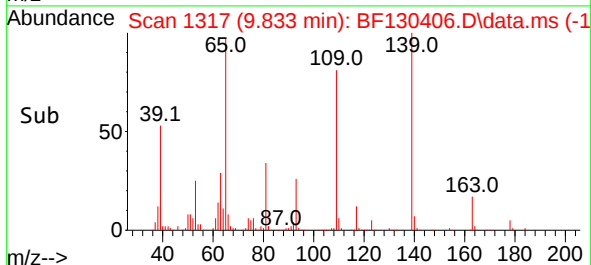
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

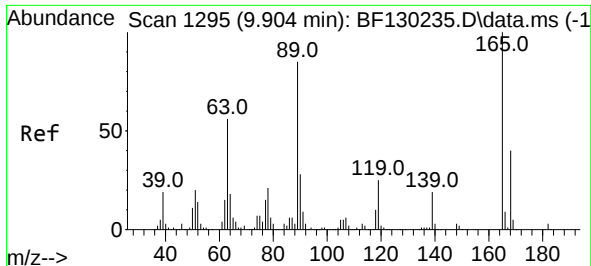


#56
4-Nitrophenol
Concen: 89.886 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.012 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49



Tgt Ion:139 Resp: 251903
Ion Ratio Lower Upper
139 100
109 81.0 72.2 112.2
65 97.2 97.7 137.7#





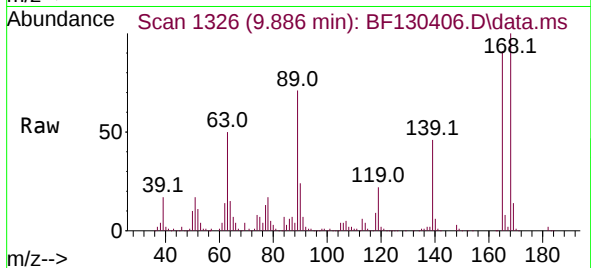
#57
2,4-Dinitrotoluene
Concen: 50.092 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

Instrument :

BNA_F

ClientSampleId :

PB147850BS

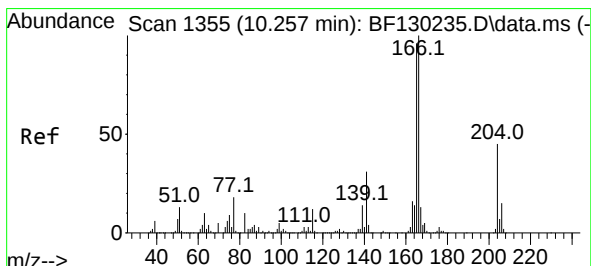
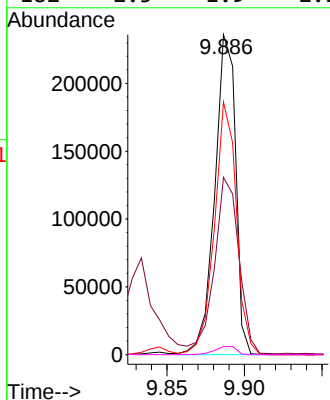
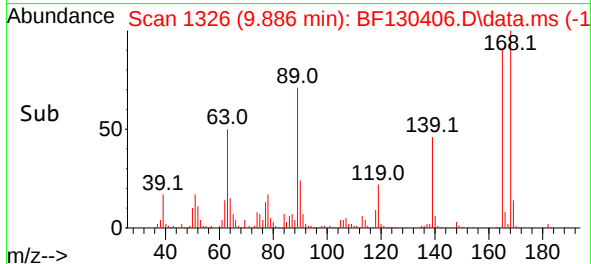


Tgt Ion:165 Resp: 221062
Ion Ratio Lower Upper
165 100
63 55.4 44.7 67.1
89 78.9 69.0 103.4
182 2.5 1.9 2.9

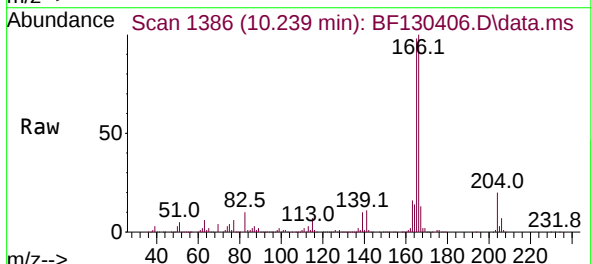
Manual Integrations

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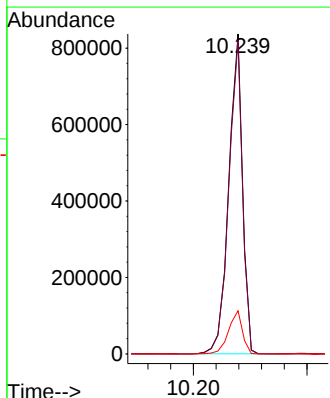
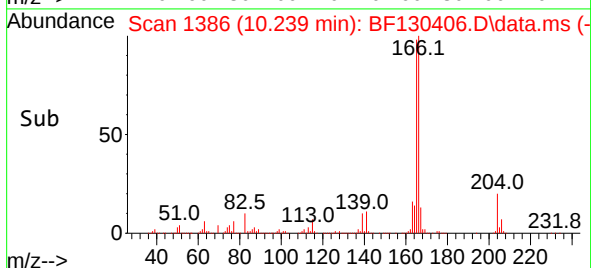
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

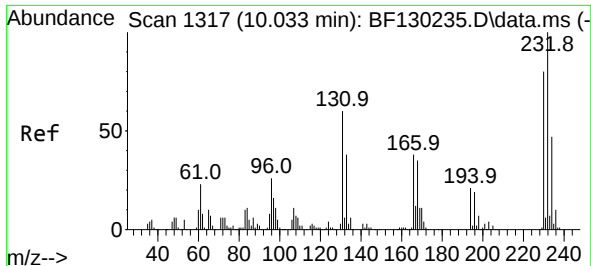


#58
Fluorene
Concen: 43.571 ng
RT: 10.239 min Scan# 1386
Delta R.T. -0.000 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49



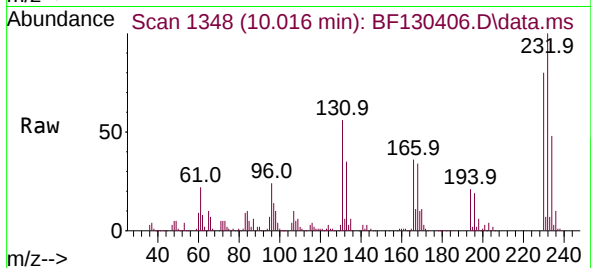
Tgt Ion:166 Resp: 705077
Ion Ratio Lower Upper
166 100
165 97.9 78.8 118.2
167 13.5 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.396 ng
RT: 10.016 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

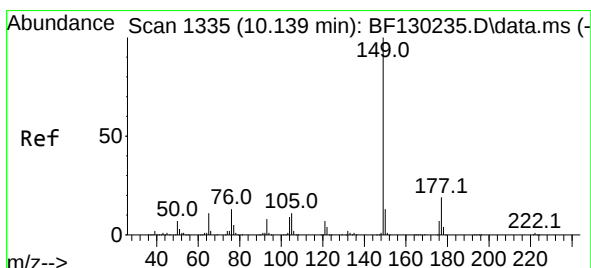
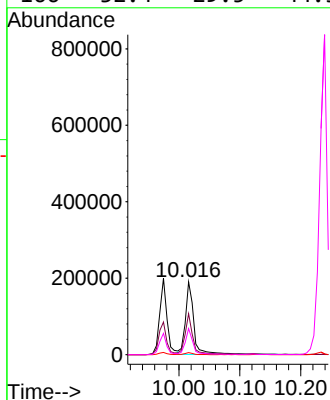
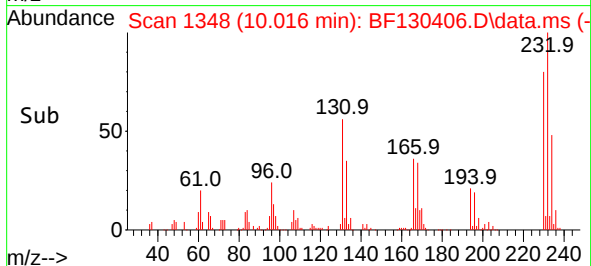
Instrument :
BNA_F
ClientSampleId :
PB147850BS



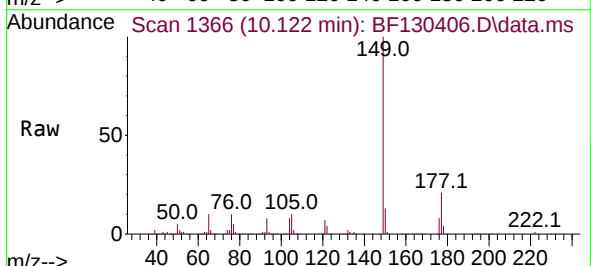
Tgt Ion:232 Resp: 182251
Ion Ratio Lower Upper
232 100
131 51.1 46.4 69.6
130 2.6 2.3 3.5
166 32.4 29.5 44.3

Manual Integrations
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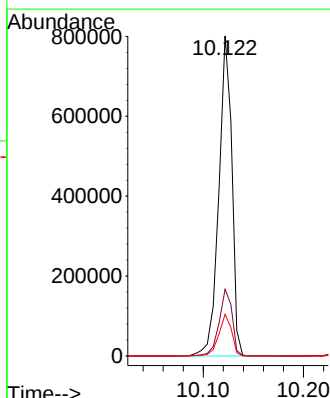
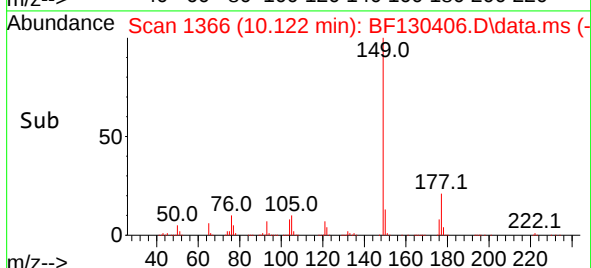
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

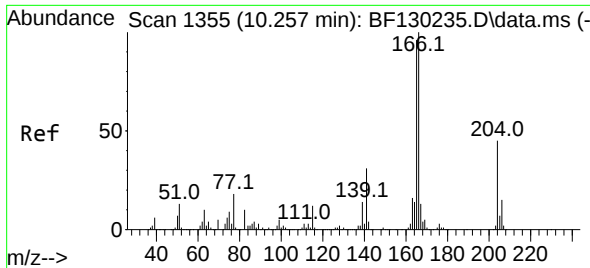


#60
Diethylphthalate
Concen: 43.821 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.006 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49



Tgt Ion:149 Resp: 725563
Ion Ratio Lower Upper
149 100
177 20.8 16.1 24.1
150 13.0 9.9 14.9





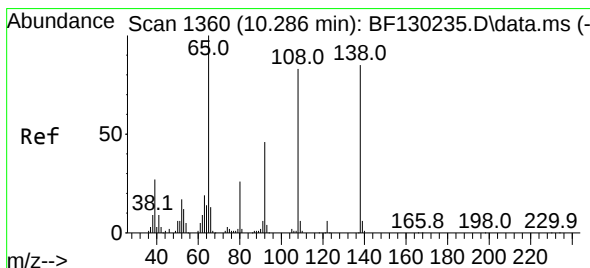
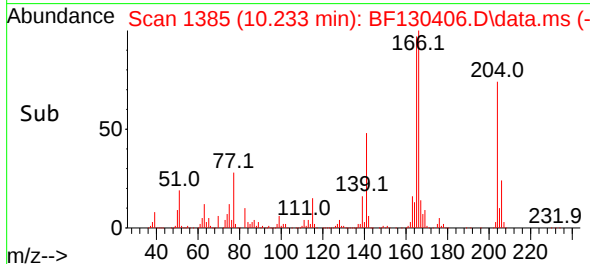
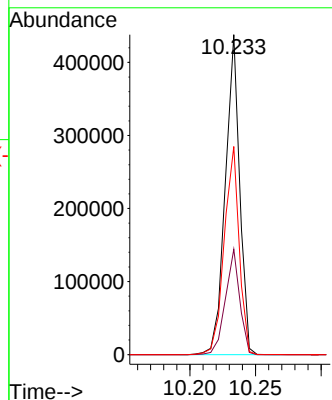
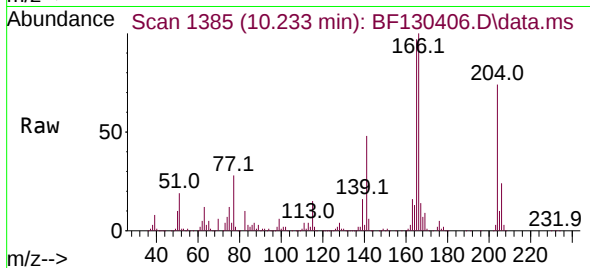
#61
4-Chlorophenyl-phenylether
Concen: 47.149 ng
RT: 10.233 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB147850BS

Tgt Ion:204 Resp: 334708
Ion Ratio Lower Upper
204 100
206 32.9 26.6 39.8
141 65.0 57.1 85.7

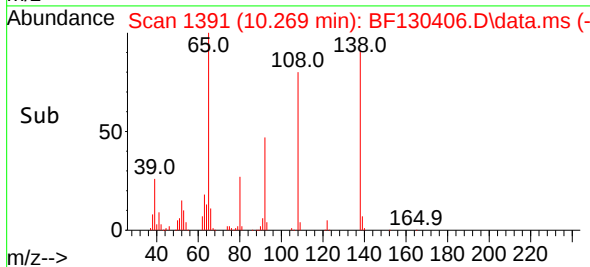
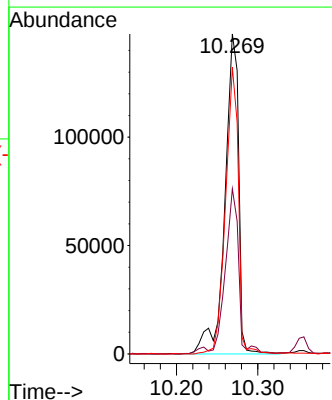
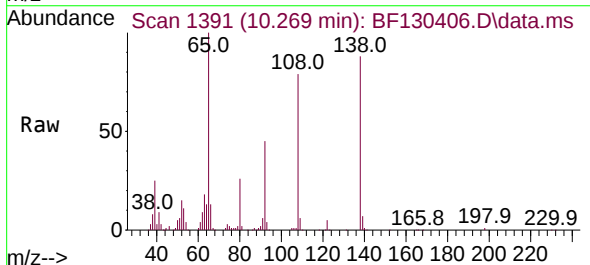
Manual Integrations
APPROVED

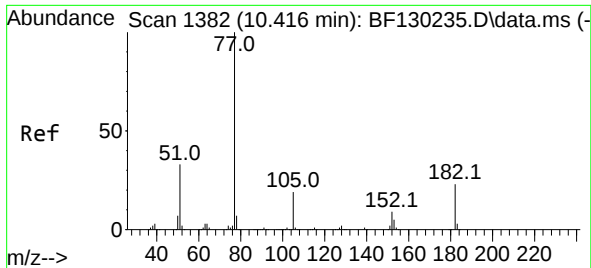
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#62
4-Nitroaniline
Concen: 44.880 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.006 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

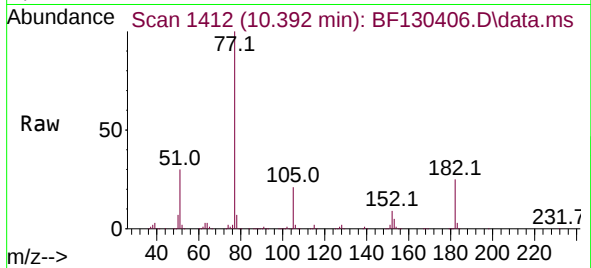
Tgt Ion:138 Resp: 173473
Ion Ratio Lower Upper
138 100
92 51.6 36.7 76.7
108 89.5 78.2 118.2





#63
Azobenzene
Concen: 38.603 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

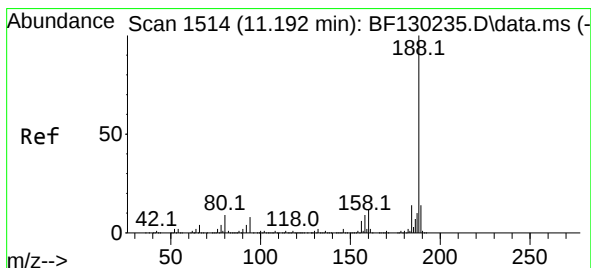
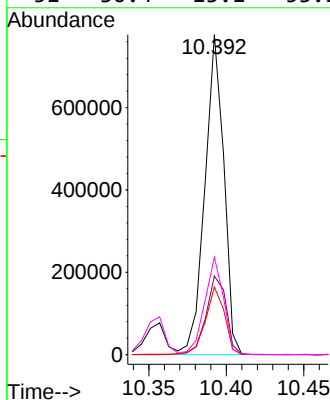
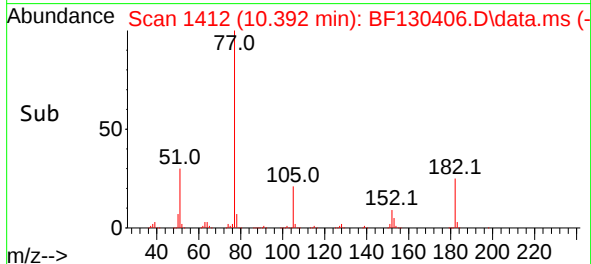
Instrument :
BNA_F
ClientSampleId :
PB147850BS



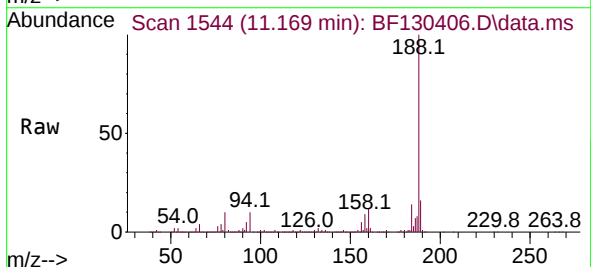
Tgt Ion: 77 Resp: 65814
Ion Ratio Lower Upper
77 100
182 24.5 2.1 42.1
105 21.1 0.0 39.4
51 30.4 13.1 53.1

Manual Integrations
APPROVED

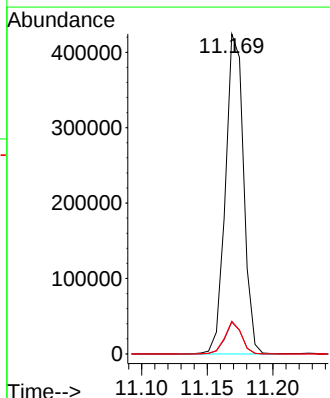
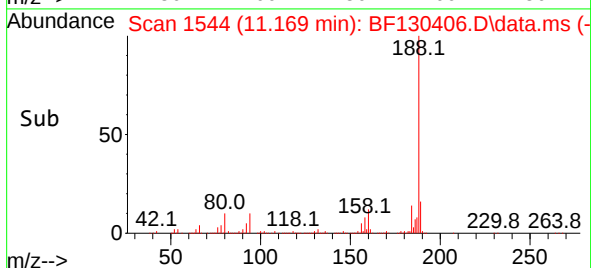
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

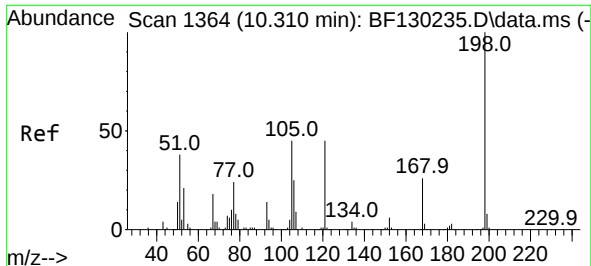


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.169 min Scan# 1544
Delta R.T. -0.000 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49



Tgt Ion:188 Resp: 408935
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.2
80 10.2 7.9 11.9





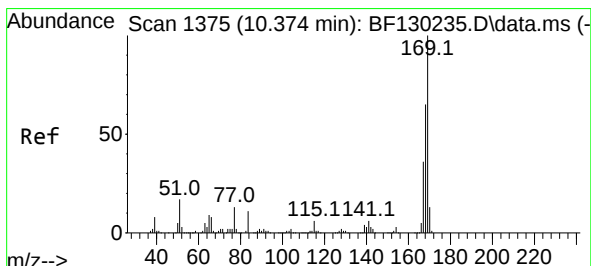
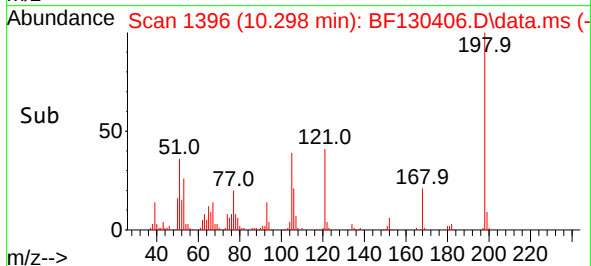
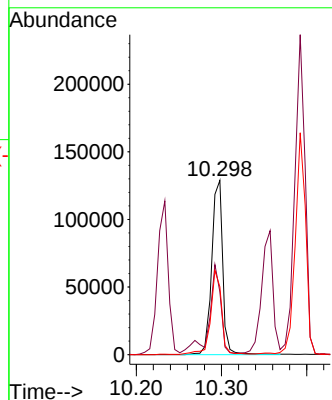
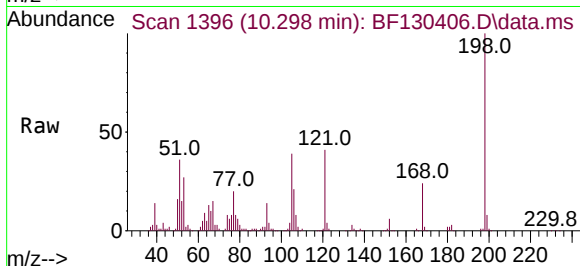
#65
4,6-Dinitro-2-methylphenol
Concen: 50.736 ng
RT: 10.298 min Scan# 1364
Delta R.T. 0.006 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB147850BS

Tgt Ion:198 Resp: 115497
Ion Ratio Lower Upper
198 100
51 35.9 36.9 76.9
105 38.9 33.0 73.0

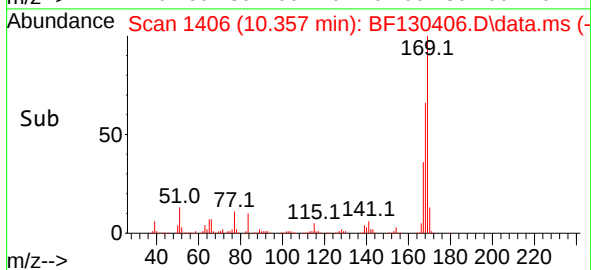
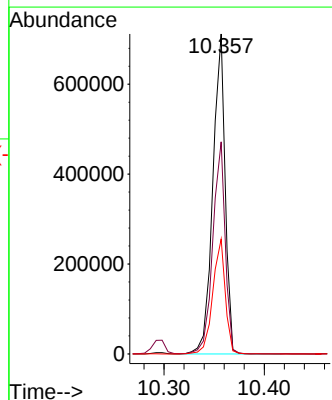
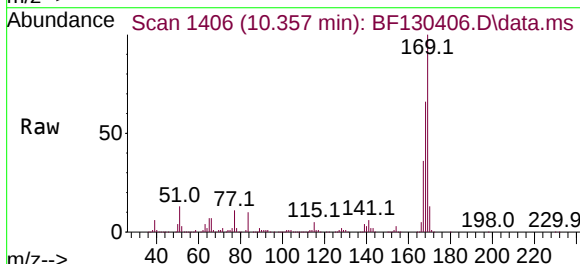
Manual Integrations
APPROVED

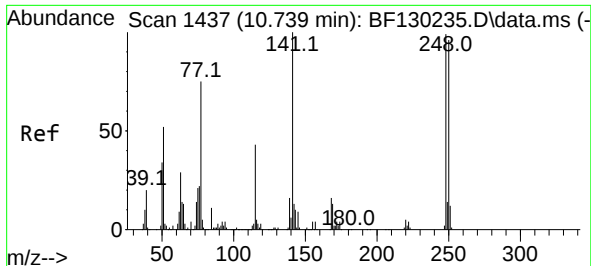
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#66
n-Nitrosodiphenylamine
Concen: 44.375 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

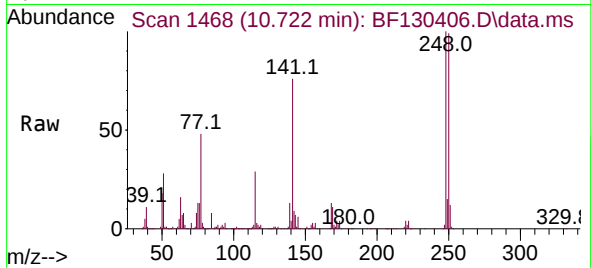
Tgt Ion:169 Resp: 606393
Ion Ratio Lower Upper
169 100
168 66.3 53.2 79.8
167 35.9 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 47.572 ng
RT: 10.722 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

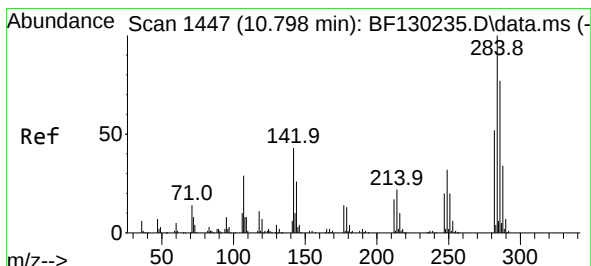
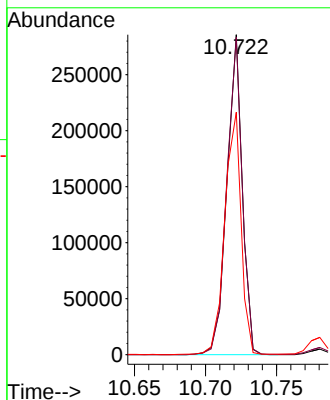
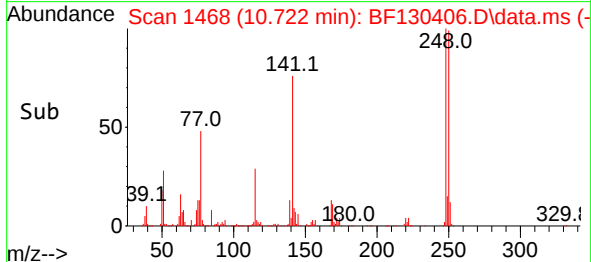
Instrument :
BNA_F
ClientSampleId :
PB147850BS



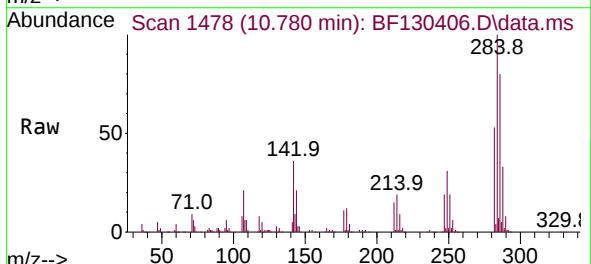
Tgt Ion:248 Resp: 214607
Ion Ratio Lower Upper
248 100
250 99.1 80.0 120.0
141 75.7 68.5 102.7

Manual Integrations
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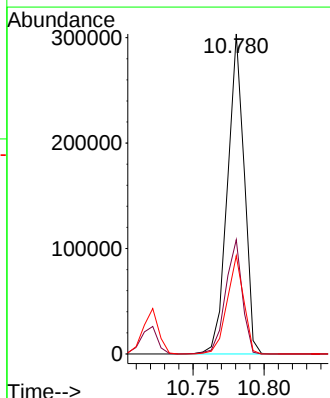
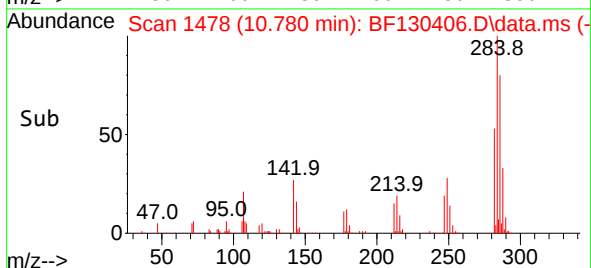
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

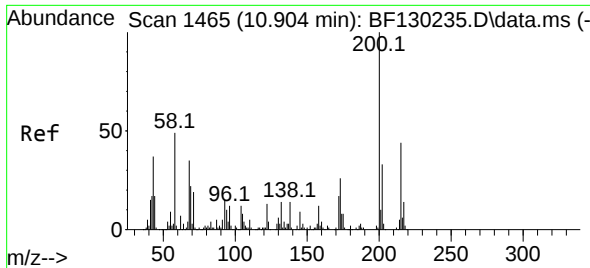


#68
Hexachlorobenzene
Concen: 48.494 ng
RT: 10.780 min Scan# 1478
Delta R.T. -0.000 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49



Tgt Ion:284 Resp: 247989
Ion Ratio Lower Upper
284 100
142 35.7 27.2 40.8
249 30.7 23.8 35.8





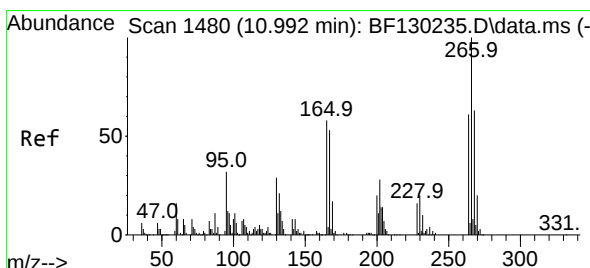
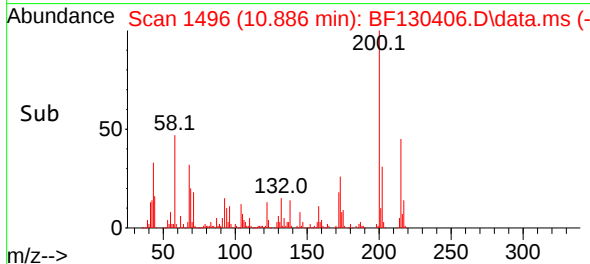
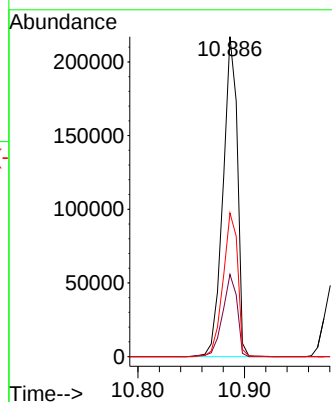
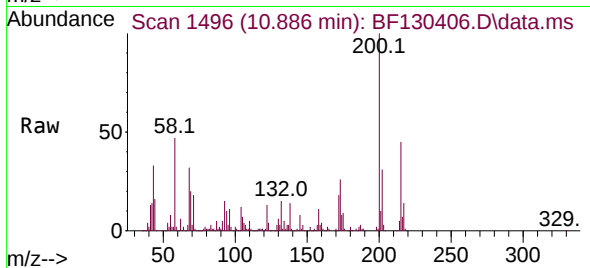
#69
Atrazine
Concen: 51.067 ng
RT: 10.886 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB147850BS

Tgt Ion:200 Resp: 203939
Ion Ratio Lower Upper
200 100
173 25.7 6.2 46.2
215 44.9 22.5 62.5

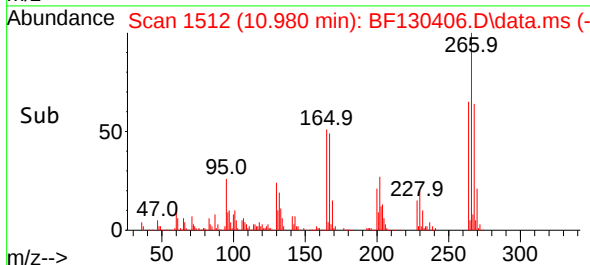
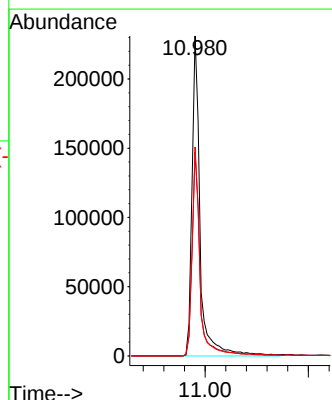
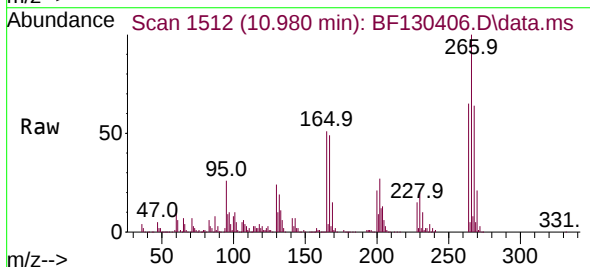
Manual Integrations
APPROVED

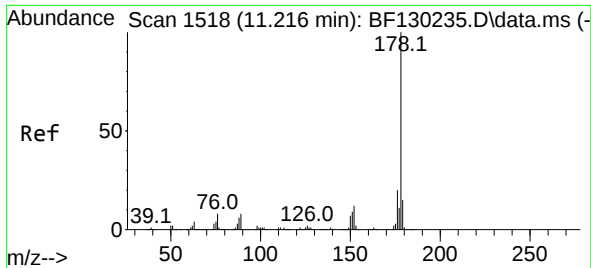
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#70
Pentachlorophenol
Concen: 91.894 ng
RT: 10.980 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

Tgt Ion:266 Resp: 252204
Ion Ratio Lower Upper
266 100
268 63.7 50.5 75.7
264 65.3 50.5 75.7





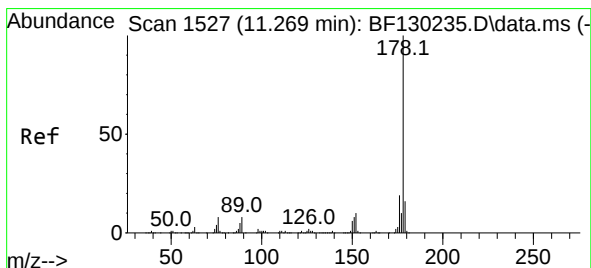
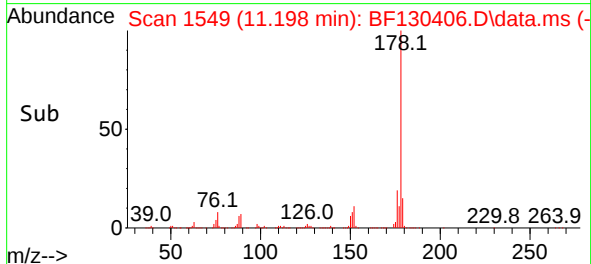
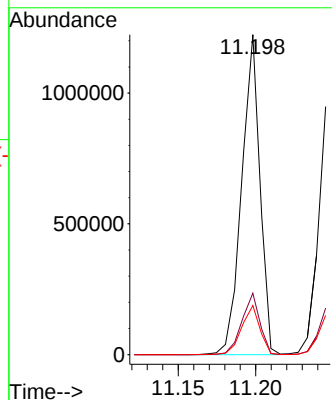
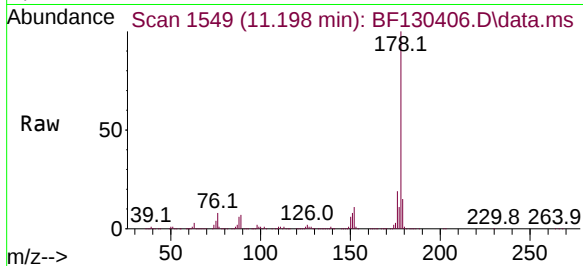
#71
Phenanthrene
Concen: 43.834 ng
RT: 11.198 min Scan# 1549
Delta R.T. -0.000 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB147850BS

Tgt Ion:178 Resp: 1006403
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.4 12.4 18.6

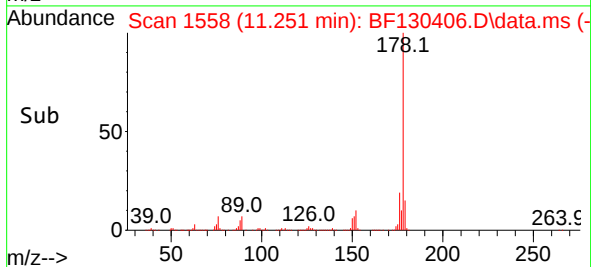
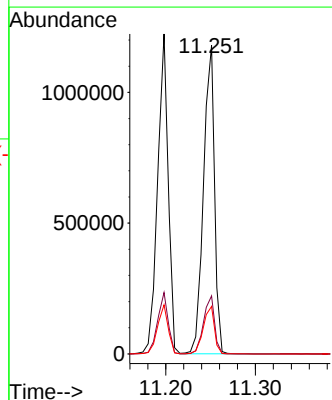
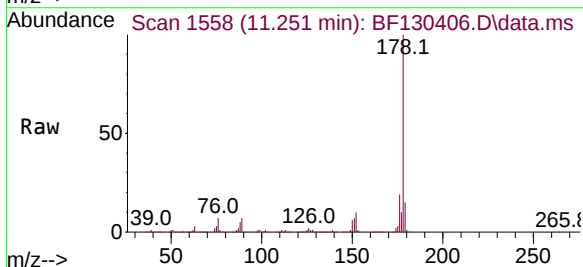
Manual Integrations
APPROVED

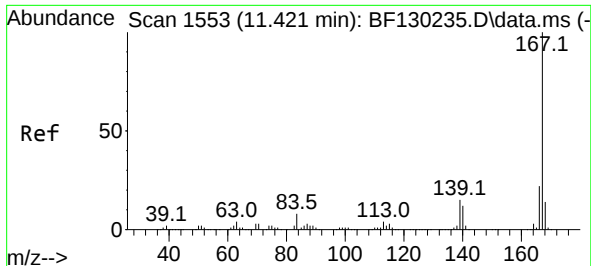
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#72
Anthracene
Concen: 45.449 ng
RT: 11.251 min Scan# 1558
Delta R.T. 0.006 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

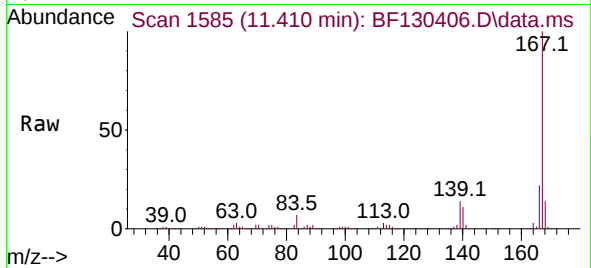
Tgt Ion:178 Resp: 1006984
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.4 12.7 19.1





#73
 Carbazole
 Concen: 45.930 ng
 RT: 11.410 min Scan# 1553
 Delta R.T. 0.006 min
 Lab File: BF130406.D
 Acq: 26 Sep 2022 13:49

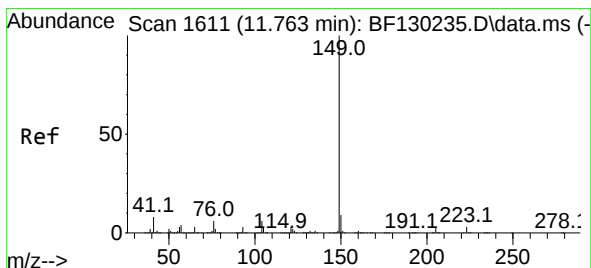
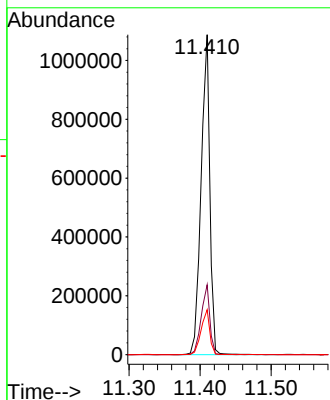
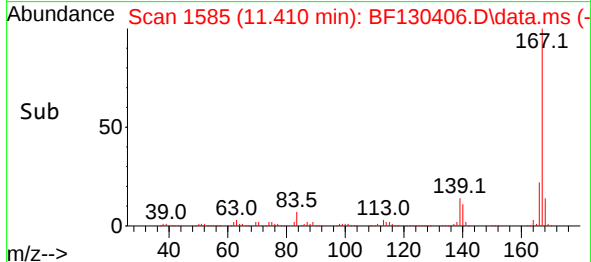
Instrument :
 BNA_F
 ClientSampleId :
 PB147850BS



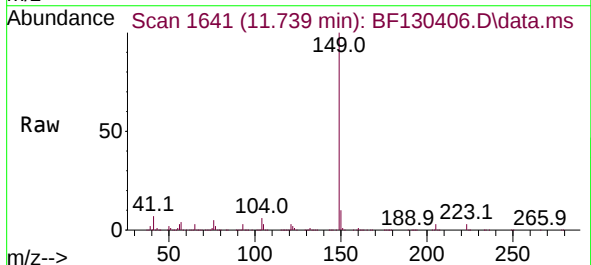
Tgt Ion:167 Resp: 918404
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.2
 139 14.0 11.6 17.4

Manual Integrations
 APPROVED

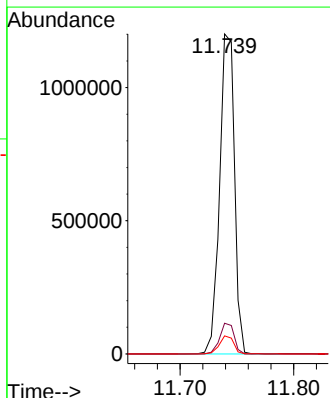
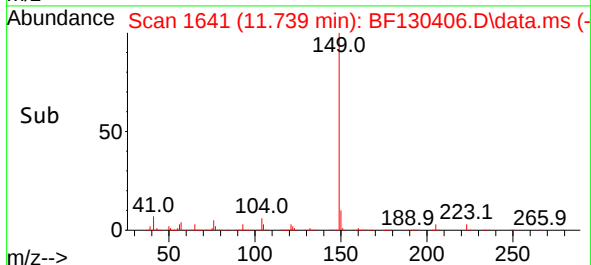
Reviewed By :Christian Giraldo 09/27/2022
 Supervised By :Jagrut Upadhyay 09/27/2022

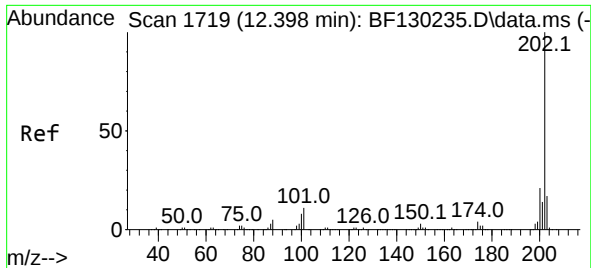


#74
 Di-n-butylphthalate
 Concen: 45.196 ng
 RT: 11.739 min Scan# 1641
 Delta R.T. -0.000 min
 Lab File: BF130406.D
 Acq: 26 Sep 2022 13:49



Tgt Ion:149 Resp: 1089781
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.2
 104 5.6 4.8 7.2





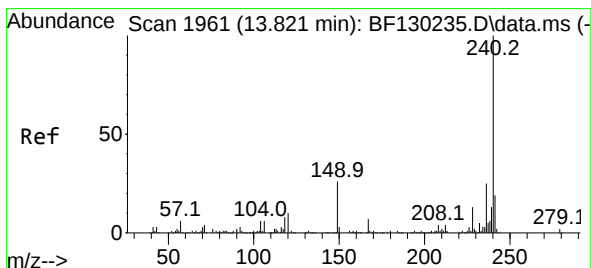
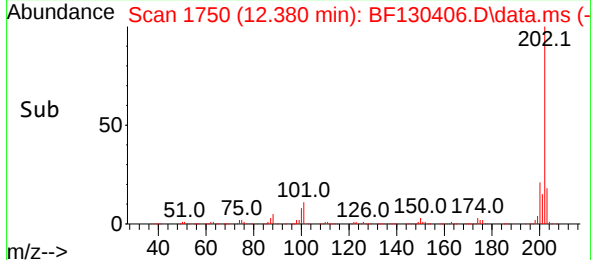
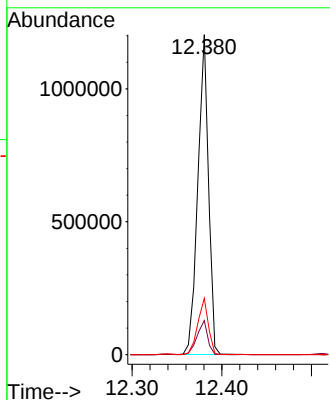
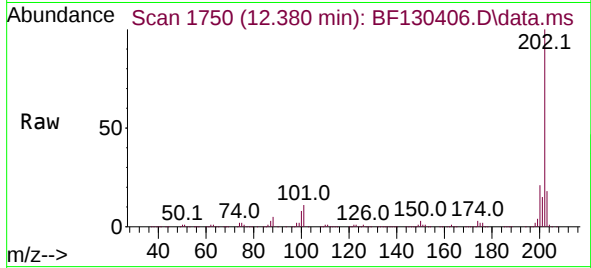
#75
Fluoranthene
Concen: 44.778 ng
RT: 12.380 min Scan# 1719
Delta R.T. -0.000 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

Instrument :
BNA_F
ClientSampleId :
PB147850BS

Tgt Ion:202 Resp: 993432
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.8
203 17.6 0.0 37.8

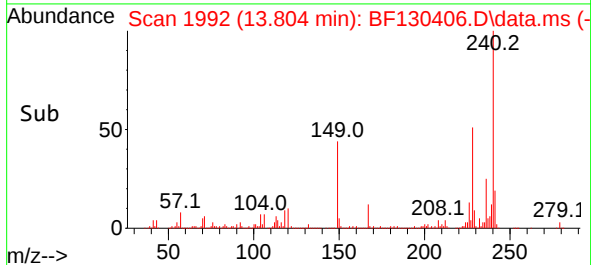
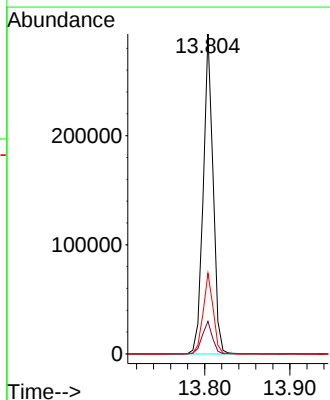
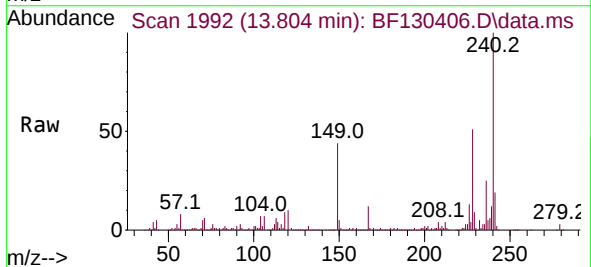
Manual Integrations
APPROVED

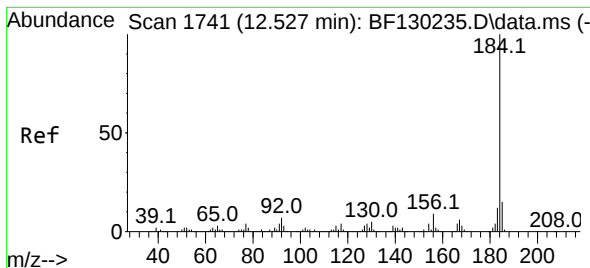
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.804 min Scan# 1992
Delta R.T. -0.000 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

Tgt Ion:240 Resp: 235001
Ion Ratio Lower Upper
240 100
120 10.2 8.7 13.1
236 25.2 20.9 31.3





#77

Benzidine

Concen: 63.312 ng

RT: 12.510 min Scan# 1772

Delta R.T. -0.000 min

Lab File: BF130406.D

Acq: 26 Sep 2022 13:49

Instrument :

BNA_F

ClientSampleId :

PB147850BS

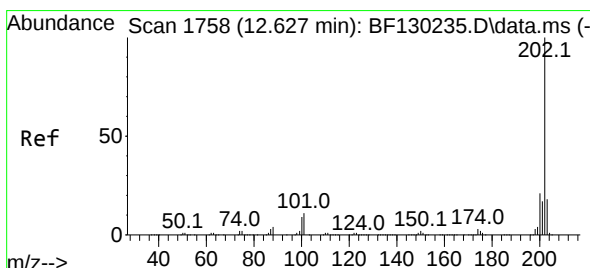
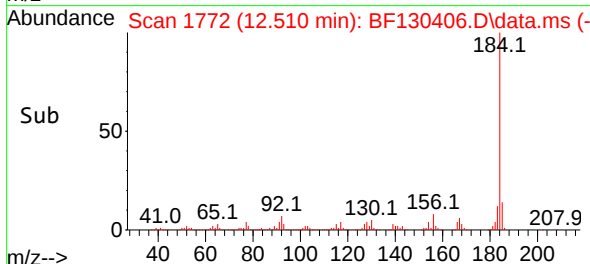
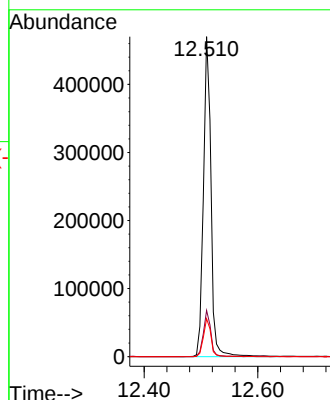
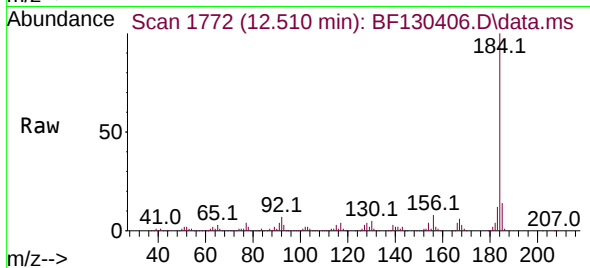
Tgt Ion:184	Resp: 43190
Ion Ratio	Lower Upper
184 100	
185 14.4	11.8 17.6
183 11.8	9.1 13.7

Manual Integrations

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Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#78

Pyrene

Concen: 48.287 ng

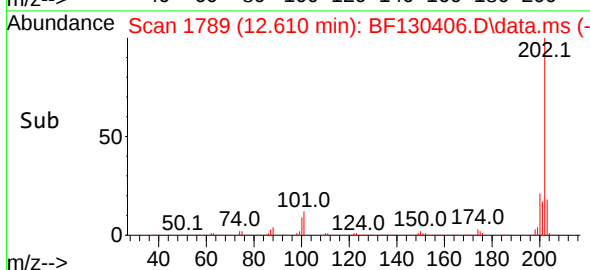
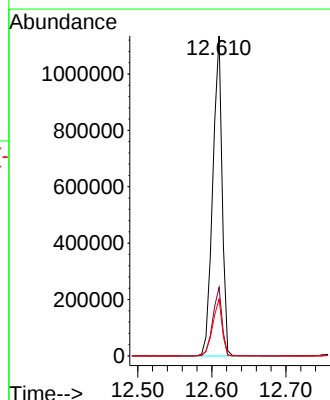
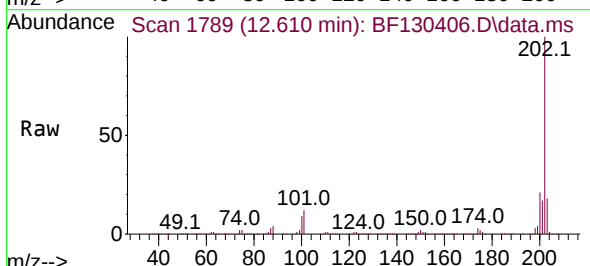
RT: 12.610 min Scan# 1789

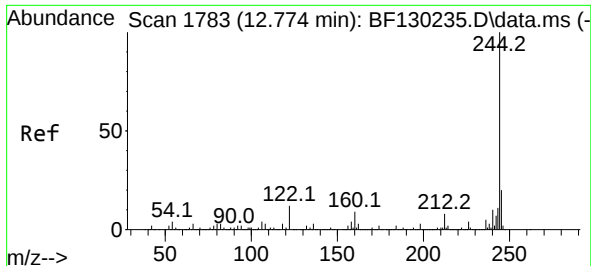
Delta R.T. -0.000 min

Lab File: BF130406.D

Acq: 26 Sep 2022 13:49

Tgt Ion:202	Resp: 992686
Ion Ratio	Lower Upper
202 100	
200 21.4	17.2 25.8
203 17.8	14.3 21.5





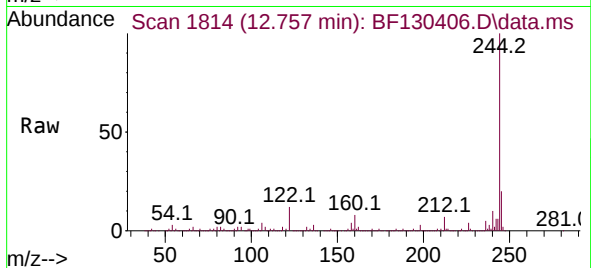
#79
 Terphenyl-d14
 Concen: 101.284 ng
 RT: 12.757 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BF130406.D
 Acq: 26 Sep 2022 13:49

Instrument :

BNA_F

ClientSampleId :

PB147850BS

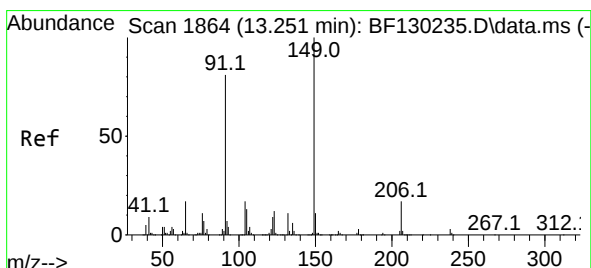
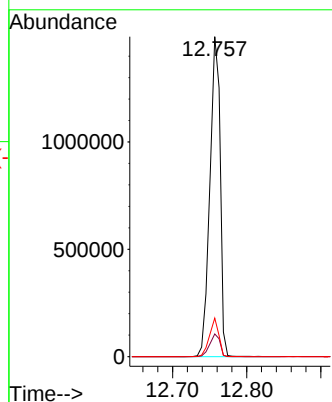
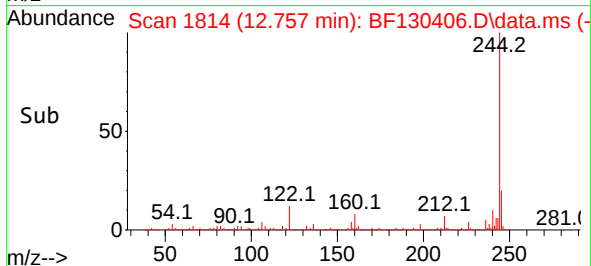


Tgt Ion:244 Resp: 1436878
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 12.0 8.5 12.7

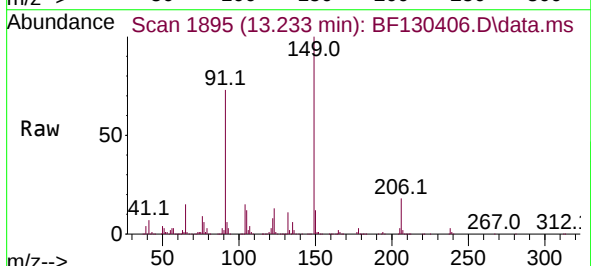
Manual Integrations

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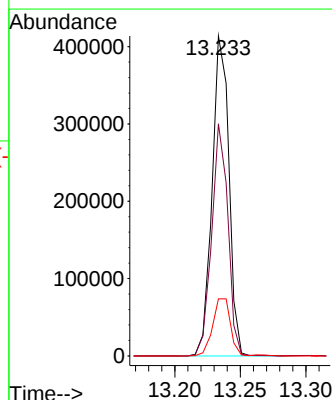
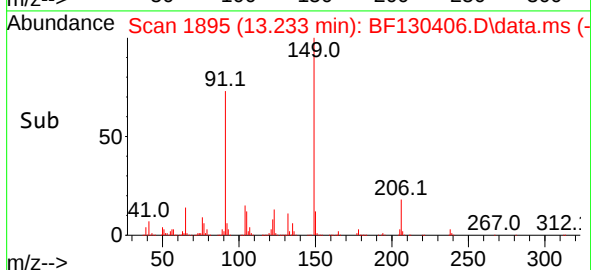
Reviewed By :Christian Giraldo 09/27/2022
 Supervised By :Jagrut Upadhyay 09/27/2022

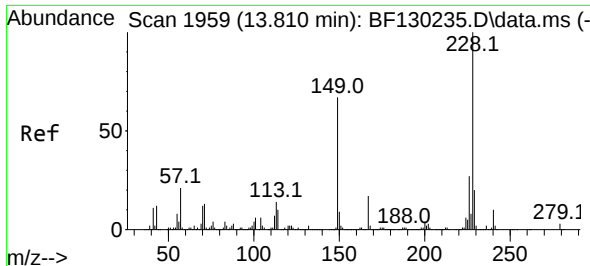


#80
 Butylbenzylphthalate
 Concen: 48.238 ng
 RT: 13.233 min Scan# 1895
 Delta R.T. -0.006 min
 Lab File: BF130406.D
 Acq: 26 Sep 2022 13:49



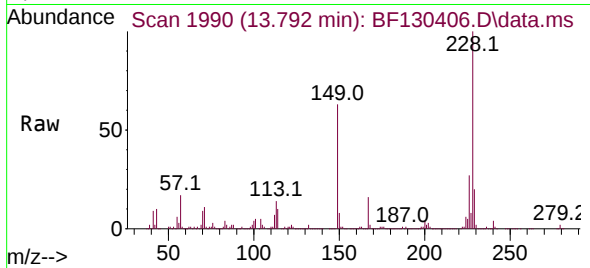
Tgt Ion:149 Resp: 367374
 Ion Ratio Lower Upper
 149 100
 91 72.5 59.8 89.8
 206 17.8 13.9 20.9





#81
Benzo(a)anthracene
Concen: 45.845 ng
RT: 13.792 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

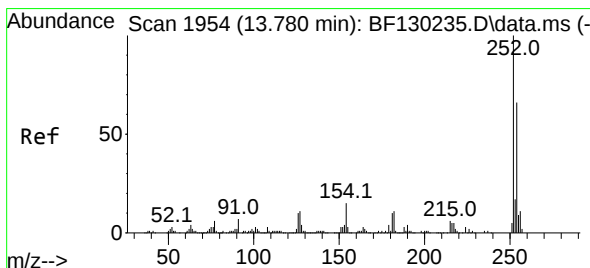
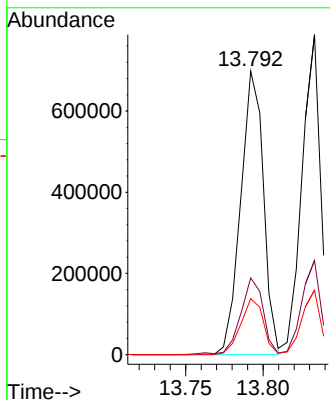
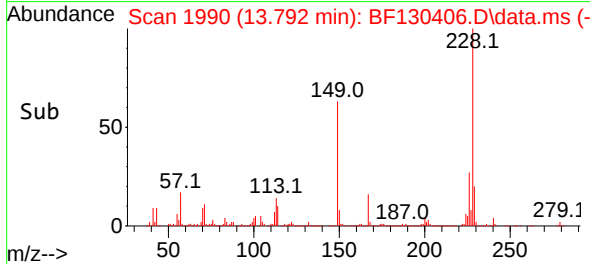
Instrument :
BNA_F
ClientSampleId :
PB147850BS



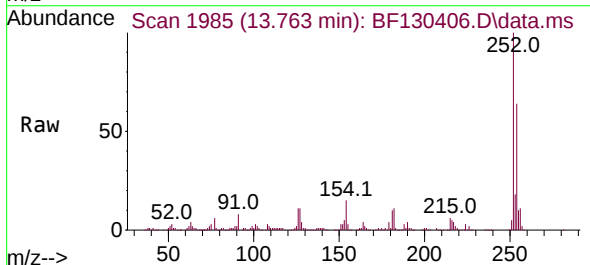
Tgt Ion:228 Resp: 716717
Ion Ratio Lower Upper
228 100
226 27.1 21.9 32.9
229 19.7 16.1 24.1

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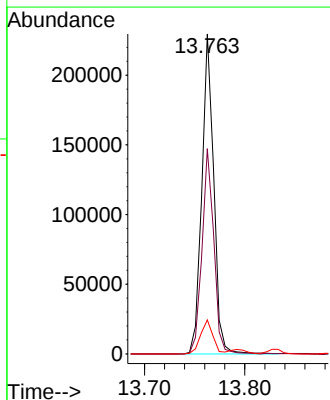
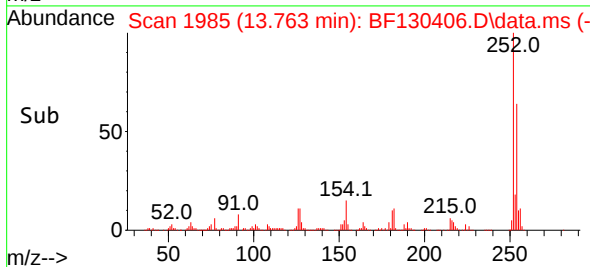
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

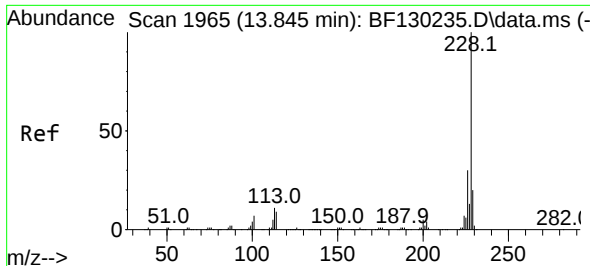


#82
3,3'-Dichlorobenzidine
Concen: 44.338 ng
RT: 13.763 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49



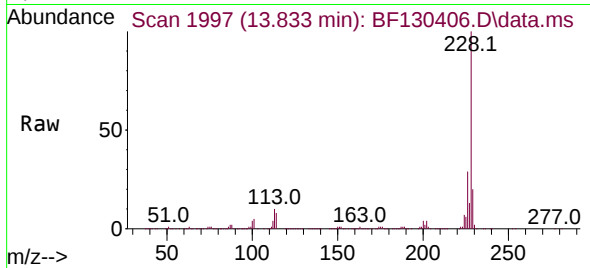
Tgt Ion:252 Resp: 188682
Ion Ratio Lower Upper
252 100
254 64.1 51.1 76.7
126 10.6 10.4 15.6





#83
Chrysene
Concen: 44.465 ng
RT: 13.833 min Scan# 1997
Delta R.T. -0.000 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

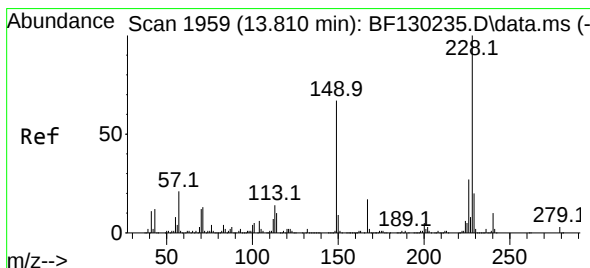
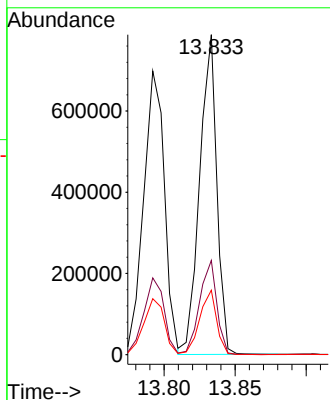
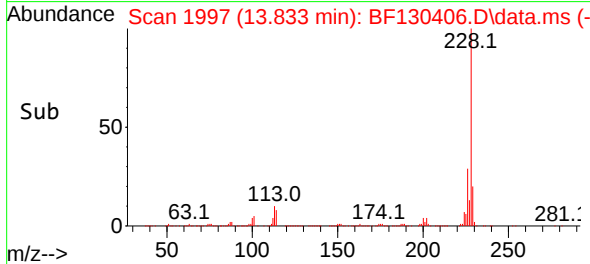
Instrument :
BNA_F
ClientSampleId :
PB147850BS



Tgt Ion:228 Resp: 660037
Ion Ratio Lower Upper
228 100
226 29.4 23.8 35.8
229 20.1 15.3 22.9

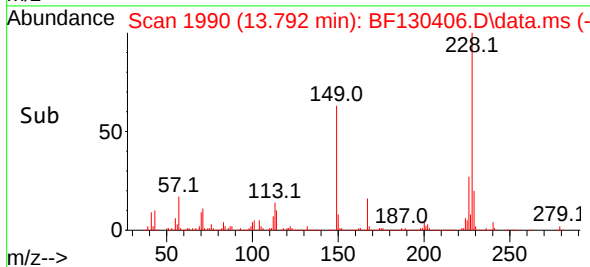
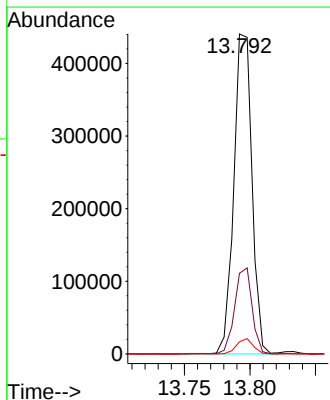
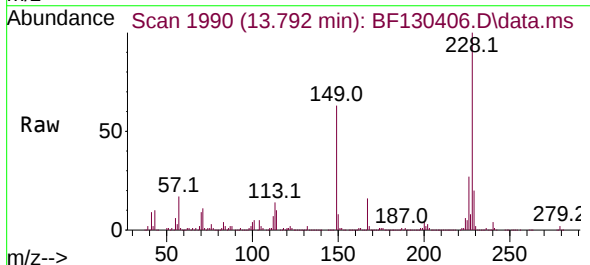
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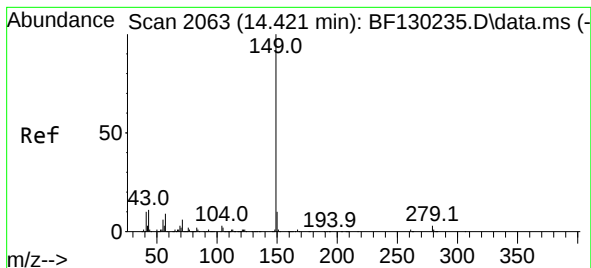
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.668 ng
RT: 13.792 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

Tgt Ion:149 Resp: 424560
Ion Ratio Lower Upper
149 100
167 25.2 20.5 30.7
279 3.8 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 47.125 ng

RT: 14.410 min Scan# 2063

Delta R.T. -0.000 min

Lab File: BF130406.D

Acq: 26 Sep 2022 13:49

Instrument :

BNA_F

ClientSampleId :

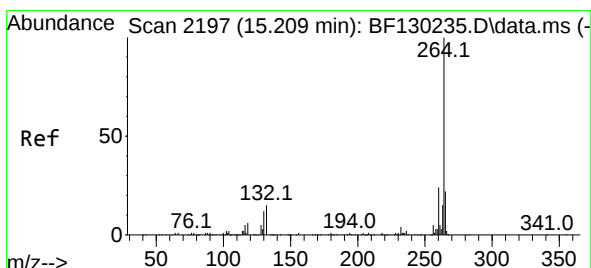
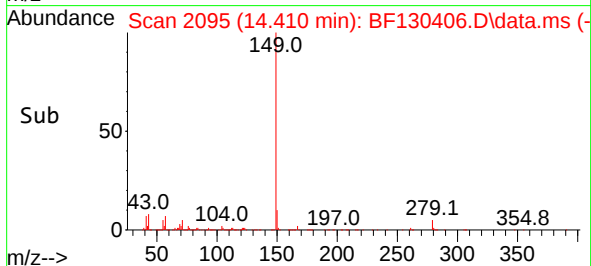
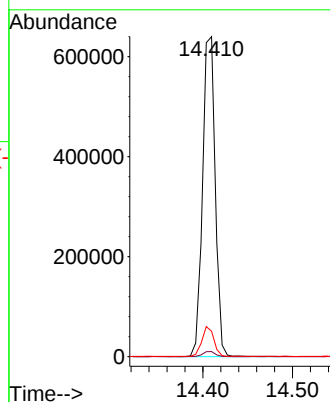
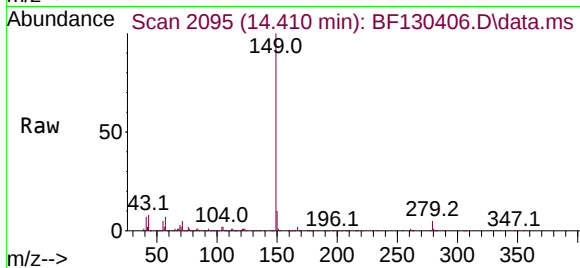
PB147850BS

Tgt Ion:149 Resp: 628773
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 8.8 8.7 13.1

Manual Integrations

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Reviewed By :Christian Giraldo 09/27/2022
 Supervised By :Jagrut Upadhyay 09/27/2022



#86

Perylene-d12

Concen: 20.000 ng

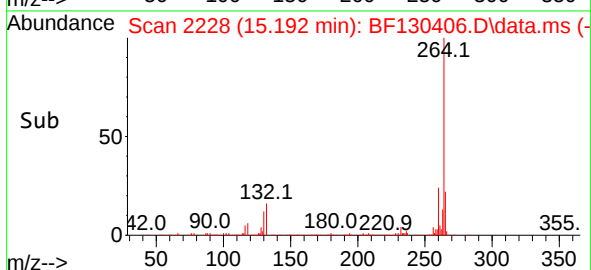
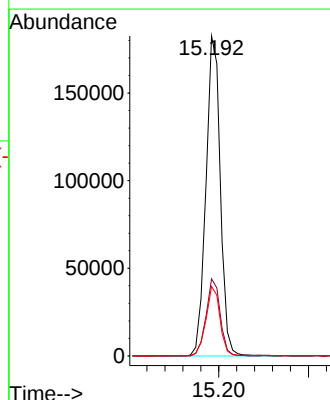
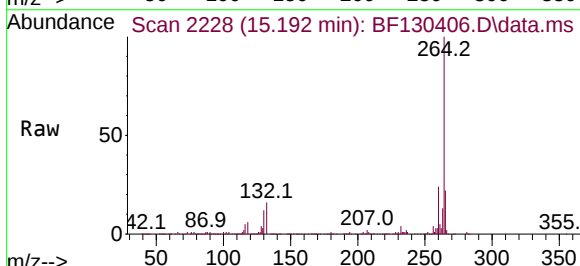
RT: 15.192 min Scan# 2228

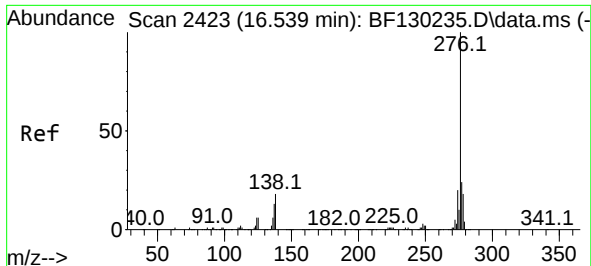
Delta R.T. -0.000 min

Lab File: BF130406.D

Acq: 26 Sep 2022 13:49

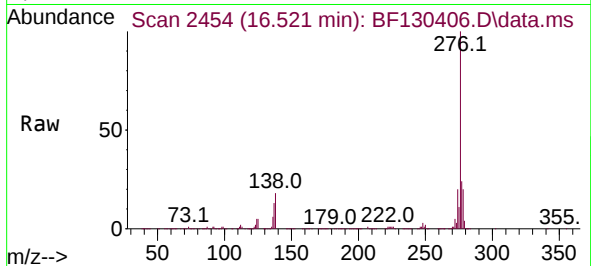
Tgt Ion:264 Resp: 202562
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.3 28.9
 265 21.8 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.153 ng
RT: 16.521 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49

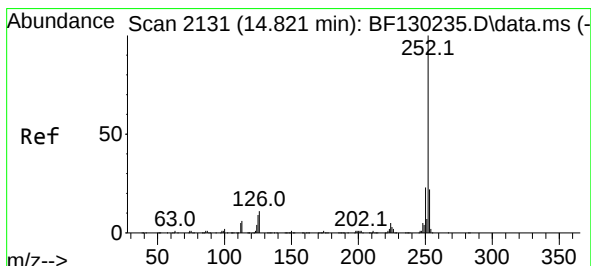
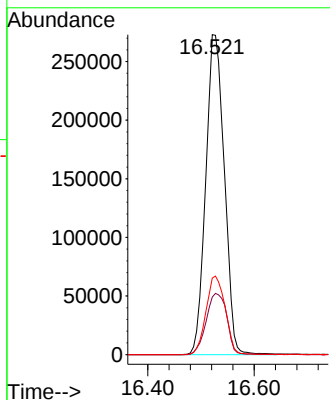
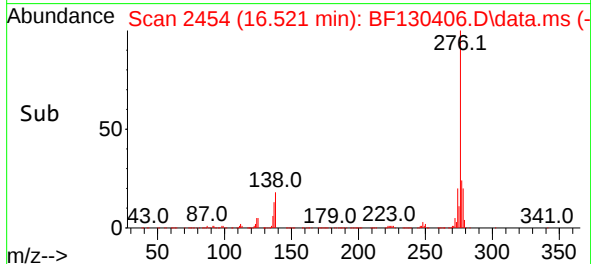
Instrument :
BNA_F
ClientSampleId :
PB147850BS



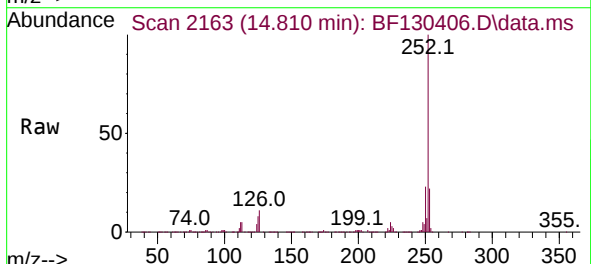
Tgt Ion: 276 Resp: 662970
Ion Ratio Lower Upper
276 100
138 21.2 18.5 27.7
277 25.4 20.2 30.4

Manual Integrations
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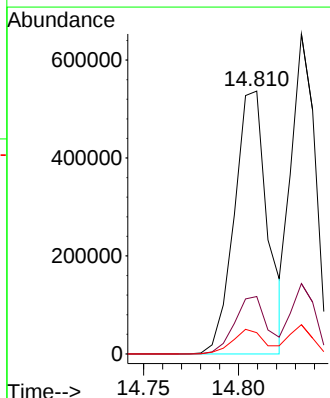
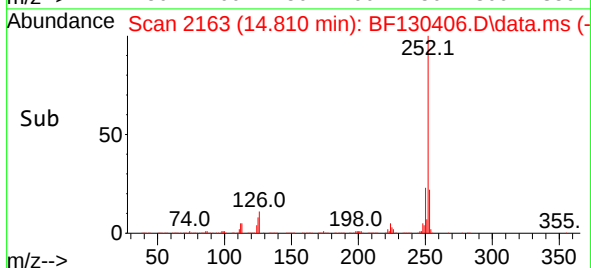
Reviewed By : Christian Giraldo 09/27/2022
Supervised By : Jagrut Upadhyay 09/27/2022

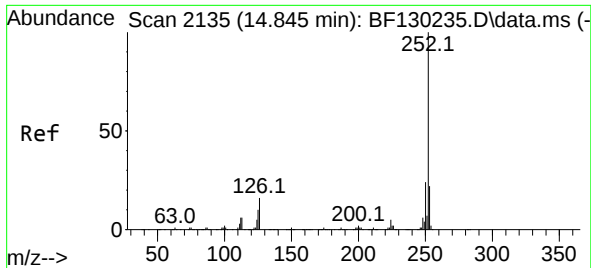


#88
Benzo(b)fluoranthene
Concen: 49.503 ng m
RT: 14.810 min Scan# 2163
Delta R.T. 0.006 min
Lab File: BF130406.D
Acq: 26 Sep 2022 13:49



Tgt Ion: 252 Resp: 654486
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 8.1 8.1 12.1#





#89

Benzo(k)fluoranthene

Concen: 44.166 ng

RT: 14.833 min Scan# 2119

Delta R.T. -0.000 min

Lab File: BF130406.D

Acq: 26 Sep 2022 13:49

Instrument :

BNA_F

ClientSampleId :

PB147850BS

Tgt Ion:252 Resp: 574408

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

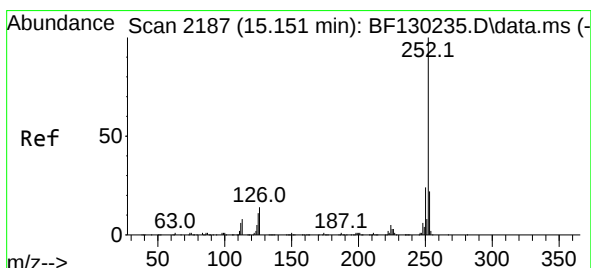
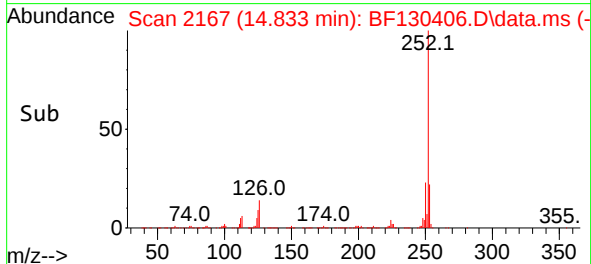
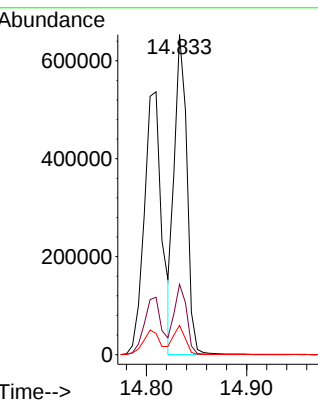
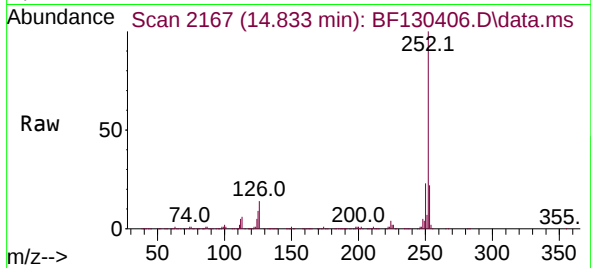
125 9.1 7.9 11.9

Manual Integrations

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Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#90

Benzo(a)pyrene

Concen: 50.565 ng

RT: 15.139 min Scan# 2219

Delta R.T. -0.000 min

Lab File: BF130406.D

Acq: 26 Sep 2022 13:49

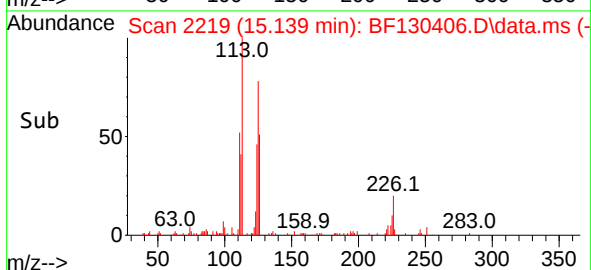
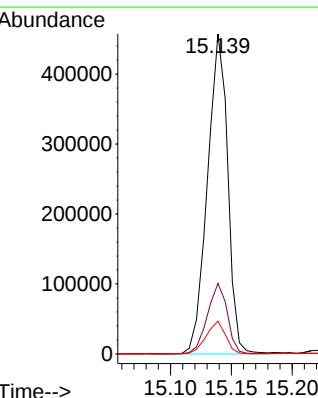
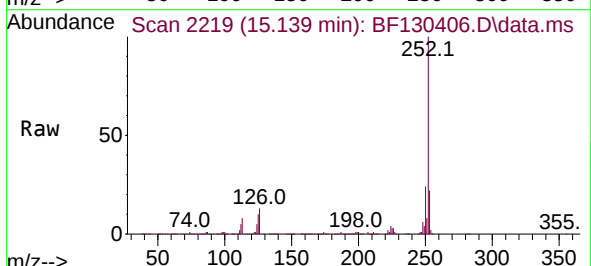
Tgt Ion:252 Resp: 529631

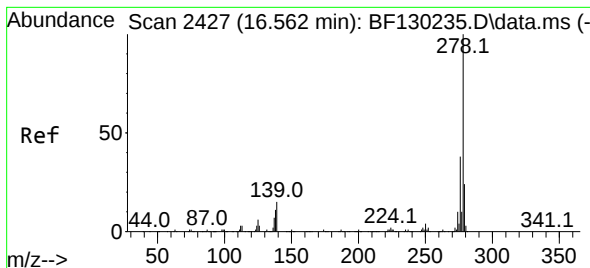
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 10.2 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 48.818 ng

RT: 16.545 min Scan# 2427

Delta R.T. -0.000 min

Lab File: BF130406.D

Acq: 26 Sep 2022 13:49

Instrument :

BNA_F

ClientSampleId :

PB147850BS

Tgt Ion:278 Resp: 575270

Ion Ratio Lower Upper

278 100

139 13.8 11.8 17.8

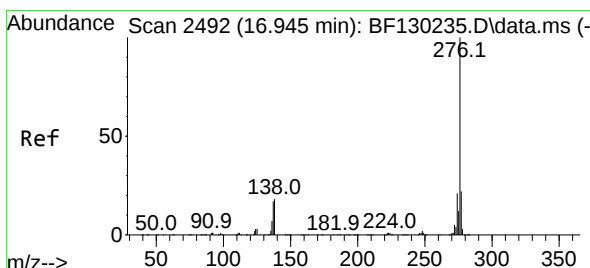
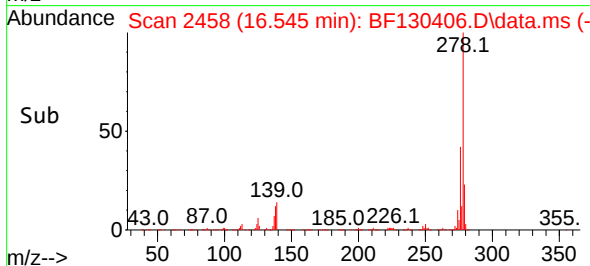
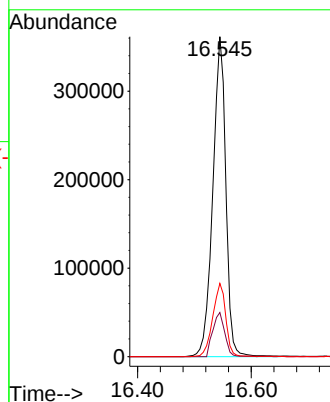
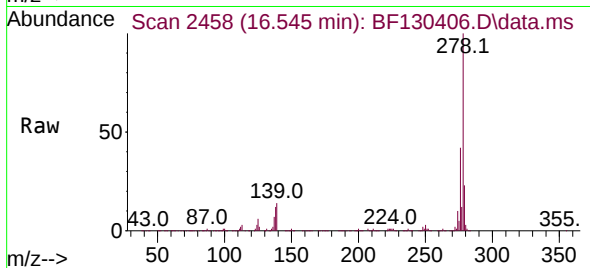
279 22.9 19.4 29.0

Manual Integrations

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Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#92

Benzo(g,h,i)perylene

Concen: 48.365 ng

RT: 16.933 min Scan# 2524

Delta R.T. 0.006 min

Lab File: BF130406.D

Acq: 26 Sep 2022 13:49

Tgt Ion:276 Resp: 574116

Ion Ratio Lower Upper

276 100

277 23.1 18.6 27.8

138 17.2 14.6 21.8

