

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
 Data File : BF130423.D
 Acq On : 27 Sep 2022 13:52
 Operator : CG\JU
 Sample : PB147890BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147890BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/28/2022
 Supervised By : Jagrut Upadhyay 09/28/2022

Quant Time: Sep 27 18:41:02 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	6.645	152	135001	20.000	ng	0.00
21) Naphthalene-d8	7.928	136	537320	20.000	ng	-0.01
39) Acenaphthene-d10	9.681	164	279087	20.000	ng	0.00
64) Phenanthrene-d10	11.157	188	482481	20.000	ng	-0.01
76) Chrysene-d12	13.792	240	279283	20.000	ng	-0.01
86) Perylene-d12	15.174	264	242667	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	1028311	132.115	ng	0.02
7) Phenol-d6	6.298	99	1263842	129.773	ng	0.00
23) Nitrobenzene-d5	7.216	82	798520	75.923	ng	0.00
42) 2,4,6-Tribromophenol	10.475	330	402367	150.463	ng	0.00
45) 2-Fluorobiphenyl	9.010	172	1549810	80.864	ng	0.00
79) Terphenyl-d14	12.745	244	1593335	94.504	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.357	88	106941	29.917	ng	97
3) Pyridine	3.034	79	293346	31.459	ng	93
4) n-Nitrosodimethylamine	2.993	42	174325	34.373	ng	91
6) Aniline	6.310	93	468869	39.074	ng	# 34
8) 2-Chlorophenol	6.434	128	388092	43.771	ng	91
9) Benzaldehyde	6.192	77	218256	33.457	ng	96
10) Phenol	6.310	94	462601	40.533	ng	# 77
11) bis(2-Chloroethyl)ether	6.392	93	339921	41.292	ng	91
12) 1,3-Dichlorobenzene	6.587	146	413335	42.367	ng	96
13) 1,4-Dichlorobenzene	6.663	146	422032	42.421	ng	99
14) 1,2-Dichlorobenzene	6.816	146	399943	43.034	ng	97
15) Benzyl Alcohol	6.798	79	281869	36.504	ng	95
16) 2,2'-oxybis(1-Chloropr...	6.928	45	424903	35.389	ng	89
17) 2-Methylphenol	6.916	107	299668	41.577	ng	96
18) Hexachloroethane	7.157	117	160309	40.878	ng	92
19) n-Nitroso-di-n-propyla...	7.075	70	250923	38.183	ng	92
20) 3+4-Methylphenols	7.069	107	374256	39.972	ng	# 78
22) Acetophenone	7.063	105	537010	40.879	ng	94
24) Nitrobenzene	7.234	77	392966	36.797	ng	94
25) Isophorone	7.475	82	683536	40.323	ng	98
26) 2-Nitrophenol	7.551	139	205490	46.939	ng	# 84
27) 2,4-Dimethylphenol	7.592	122	309791	45.958	ng	97
28) bis(2-Chloroethoxy)met...	7.692	93	413857	43.358	ng	99
29) 2,4-Dichlorophenol	7.792	162	309829	41.944	ng	97
30) 1,2,4-Trichlorobenzene	7.869	180	333112	41.711	ng	97
31) Naphthalene	7.951	128	1090486	39.393	ng	100
32) Benzoic acid	7.745	122	200081	38.383	ng	95
33) 4-Chloroaniline	8.004	127	359656	34.161	ng	98
34) Hexachlorobutadiene	8.069	225	213641	41.858	ng	99
35) Caprolactam	8.386	113	96068m	45.366	ng	
36) 4-Chloro-3-methylphenol	8.498	107	333342	40.713	ng	99
37) 2-Methylnaphthalene	8.639	142	719775	40.781	ng	99
38) 1-Methylnaphthalene	8.739	142	675723	39.853	ng	98
40) 1,2,4,5-Tetrachloroben...	8.810	216	335380	44.034	ng	99
41) Hexachlorocyclopentadiene	8.792	237	417401	102.360	ng	99
43) 2,4,6-Trichlorophenol	8.922	196	220016	41.391	ng	96

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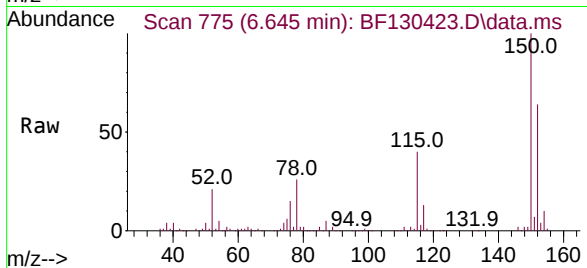
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.963	196	238769	41.626	ng	97
46) 1,1'-Biphenyl	9.110	154	868551	41.670	ng	98
47) 2-Chloronaphthalene	9.128	162	684321	40.586	ng	99
48) 2-Nitroaniline	9.233	65	201878	35.898	ng	88
49) Acenaphthylene	9.545	152	1007046	39.835	ng	100
50) Dimethylphthalate	9.416	163	774827	40.192	ng	99
51) 2,6-Dinitrotoluene	9.481	165	174879	43.375	ng	# 73
52) Acenaphthene	9.716	154	735876m	44.303	ng	
53) 3-Nitroaniline	9.645	138	140784	31.337	ng	93
54) 2,4-Dinitrophenol	9.757	184	180073	82.152	ng	# 79
55) Dibenzofuran	9.886	168	921290	39.877	ng	98
56) 4-Nitrophenol	9.822	139	262392	80.189	ng	87
57) 2,4-Dinitrotoluene	9.880	165	229200	44.482	ng	92
58) Fluorene	10.228	166	750564	39.724	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.004	232	182378	40.621	ng	93
60) Diethylphthalate	10.116	149	758554	39.238	ng	98
61) 4-Chlorophenyl-phenyle...	10.222	204	349933	42.218	ng	96
62) 4-Nitroaniline	10.263	138	181660	40.252	ng	90
63) Azobenzene	10.380	77	692396	34.782	ng	96
65) 4,6-Dinitro-2-methylph...	10.286	198	117742	43.838	ng	88
66) n-Nitrosodiphenylamine	10.345	169	640608	39.733	ng	99
67) 4-Bromophenyl-phenylether	10.710	248	224803	42.236	ng	94
68) Hexachlorobenzene	10.769	284	260409	43.161	ng	95
69) Atrazine	10.880	200	211853	44.963	ng	96
70) Pentachlorophenol	10.969	266	267221	82.524	ng	99
71) Phenanthrene	11.186	178	1050470	38.779	ng	100
72) Anthracene	11.239	178	1069295	40.905	ng	99
73) Carbazole	11.398	167	960725	40.723	ng	99
74) Di-n-butylphthalate	11.727	149	1138924	40.034	ng	99
75) Fluoranthene	12.369	202	1051909	40.187	ng	98
77) Benzidine	12.504	184	647478	79.863	ng	98
78) Pyrene	12.598	202	1037268	42.456	ng	99
80) Butylbenzylphthalate	13.221	149	394561	43.593	ng	96
81) Benzo(a)anthracene	13.780	228	765971	41.227	ng	99
82) 3,3'-Dichlorobenzidine	13.751	252	216811	42.869	ng	# 98
83) Chrysene	13.816	228	720699	40.854	ng	99
84) Bis(2-ethylhexyl)phtha...	13.780	149	451151	43.517	ng	97
85) Di-n-octyl phthalate	14.392	149	658106	41.503	ng	95
87) Indeno(1,2,3-cd)pyrene	16.498	276	721308	41.916	ng	98
88) Benzo(b)fluoranthene	14.792	252	696857	43.997	ng	98
89) Benzo(k)fluoranthene	14.815	252	633981	40.691	ng	99
90) Benzo(a)pyrene	15.121	252	579105	46.151	ng	98
91) Dibenzo(a,h)anthracene	16.515	278	621005	43.990	ng	99
92) Benzo(g,h,i)perylene	16.898	276	615355	43.272	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.645 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52

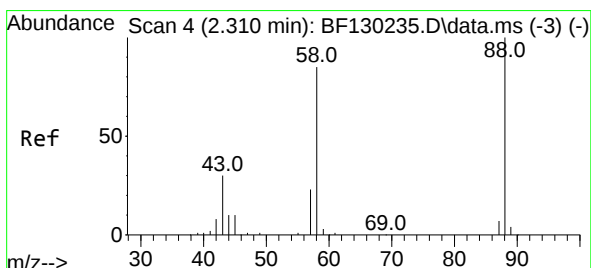
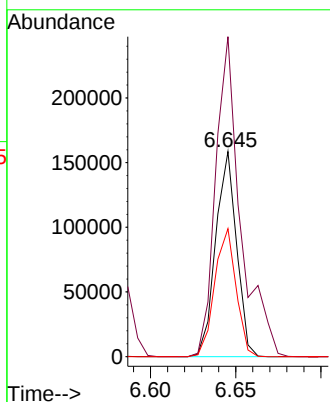
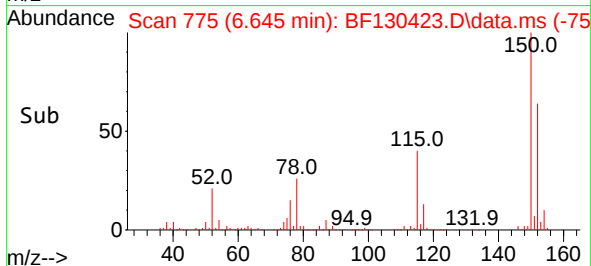
Instrument :
BNA_F
ClientSampleId :
PB147890BS



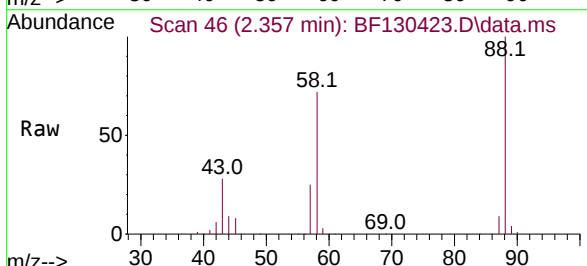
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Ion Ratio Lower Upper
152 100
150 156.1 122.8 184.2
115 62.3 53.8 80.8

Manual Integrations
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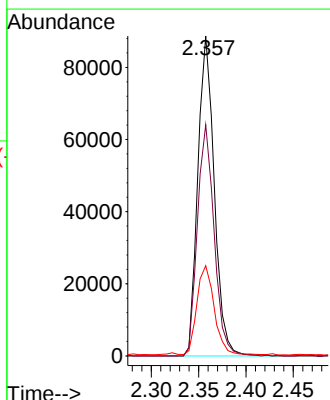
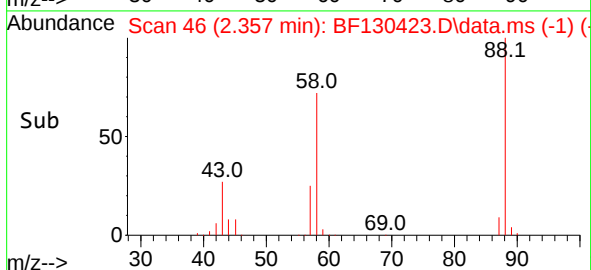
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

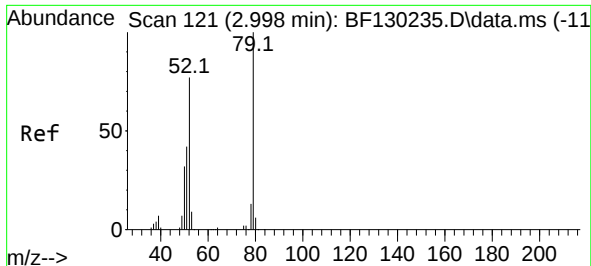


#2
1,4-Dioxane
Concen: 29.917 ng
RT: 2.357 min Scan# 46
Delta R.T. 0.129 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52



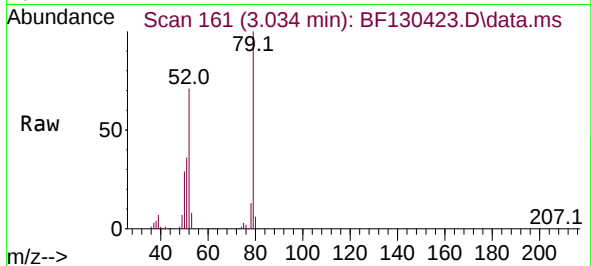
Tgt Ion: 88 Resp: 106941
Ion Ratio Lower Upper
88 100
58 73.6 61.3 91.9
43 29.1 23.0 34.6





#3
Pyridine
Concen: 31.459 ng
RT: 3.034 min Scan# 10
Delta R.T. 0.123 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52

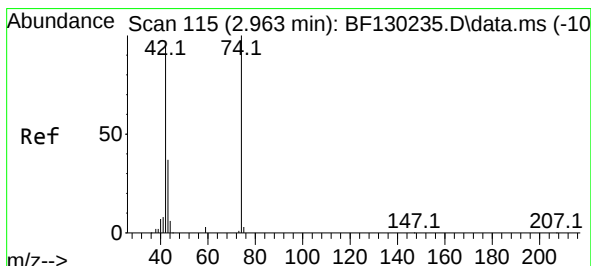
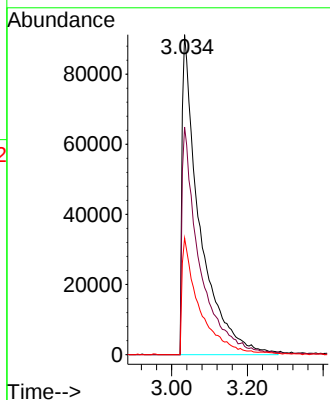
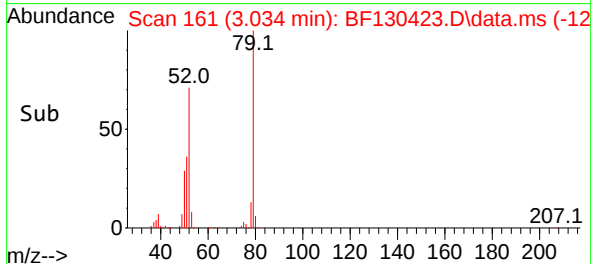
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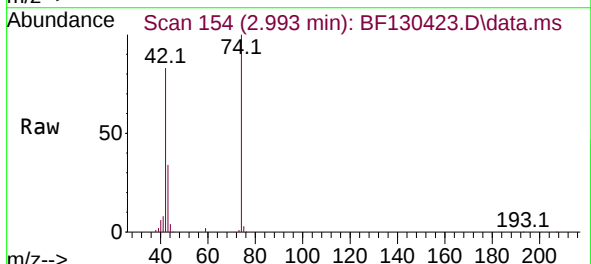
Tgt Ion: 79 Resp: 293346
Ion Ratio Lower Upper
79 100
52 71.1 62.4 93.6
51 36.4 32.2 48.4

Manual Integrations
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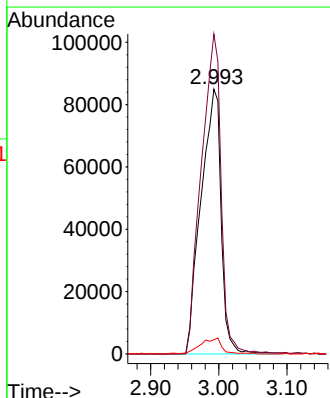
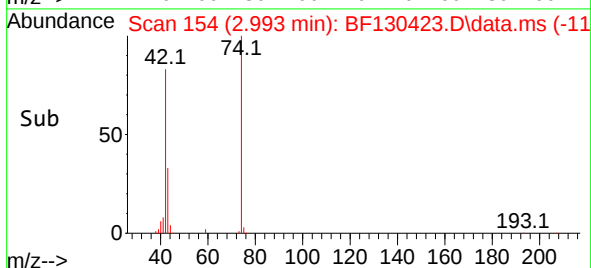
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Supervised By :Jagrut Upadhyay 09/28/2022

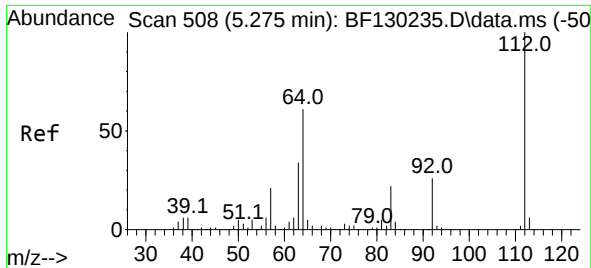


#4
n-Nitrosodimethylamine
Concen: 34.373 ng
RT: 2.993 min Scan# 154
Delta R.T. 0.123 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52



Tgt Ion: 42 Resp: 174325
Ion Ratio Lower Upper
42 100
74 120.9 88.4 132.6
44 5.4 5.0 7.4





#5
2-Fluorophenol
Concen: 132.115 ng
RT: 5.263 min Scan# 54
Delta R.T. 0.018 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52

Instrument :

BNA_F

ClientSampleId :

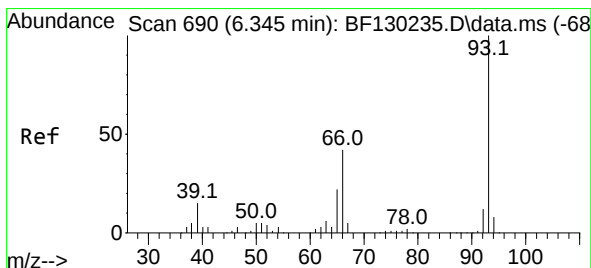
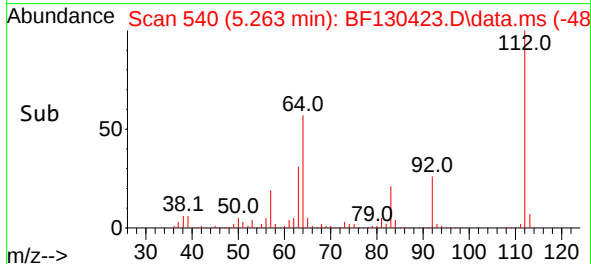
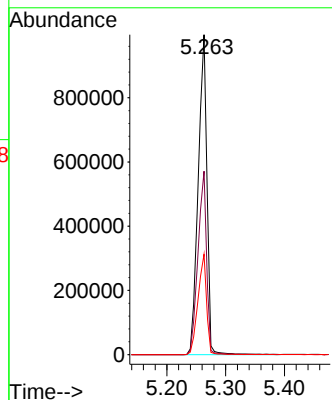
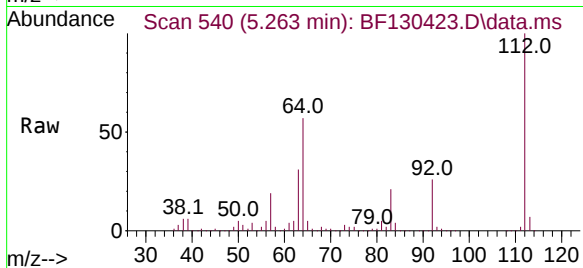
PB147890BS

Tgt Ion:112 Resp: 102831
Ion Ratio Lower Upper
112 100
64 57.3 51.4 77.0
63 31.4 28.8 43.2

Manual Integrations

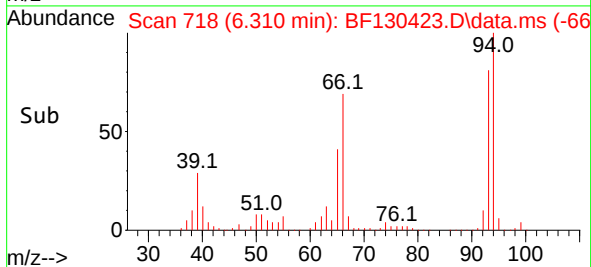
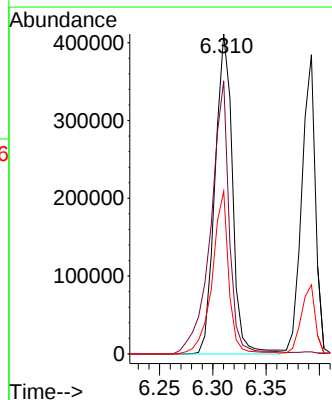
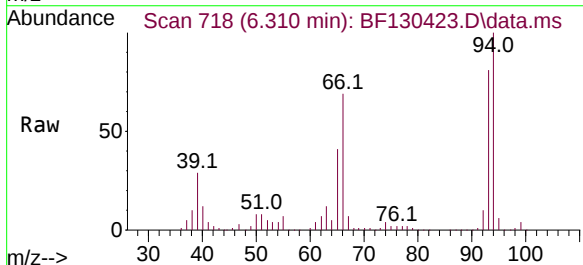
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#6
Aniline
Concen: 39.074 ng
RT: 6.310 min Scan# 718
Delta R.T. -0.006 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52

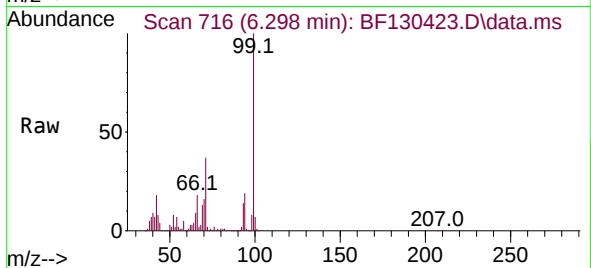
Tgt Ion: 93 Resp: 468869
Ion Ratio Lower Upper
93 100
66 85.3 34.2 51.4#
65 50.8 16.6 24.8#





#7
Phenol-d6
Concen: 129.773 ng
RT: 6.298 min Scan# 716
Delta R.T. 0.006 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52

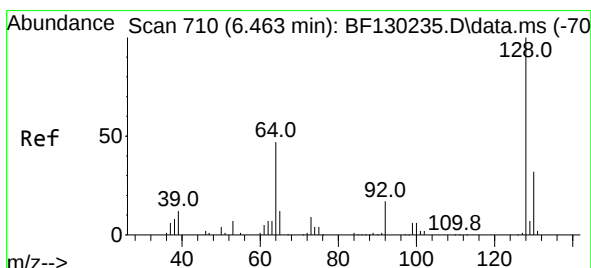
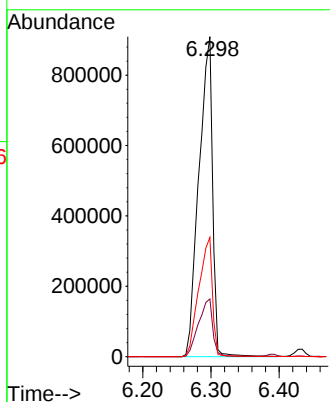
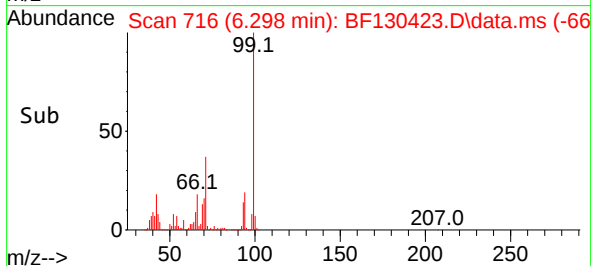
Instrument :
BNA_F
ClientSampleId :
PB147890BS



Tgt Ion: 99 Resp: 126384
Ion Ratio Lower Upper
99 100
42 18.0 17.0 25.6
71 37.2 32.3 48.5

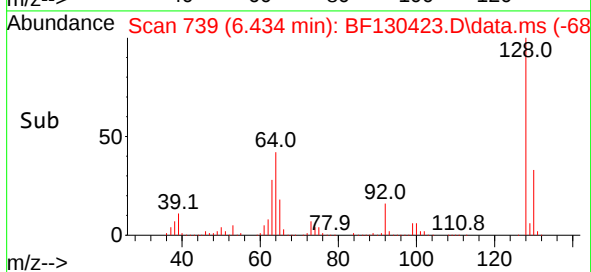
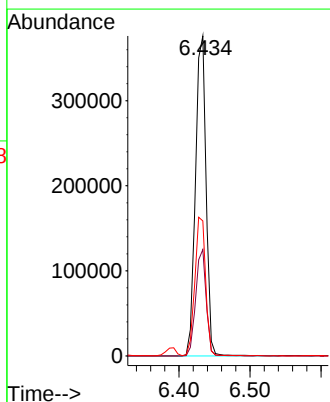
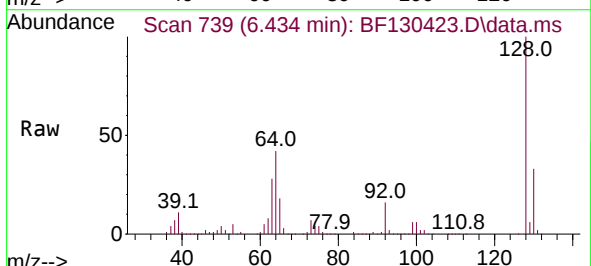
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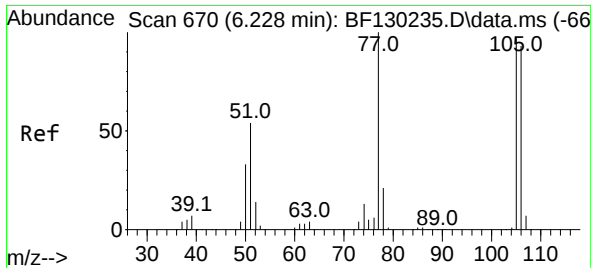
Reviewed By :Christian Giraldo 09/28/2022
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#8
2-Chlorophenol
Concen: 43.771 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52

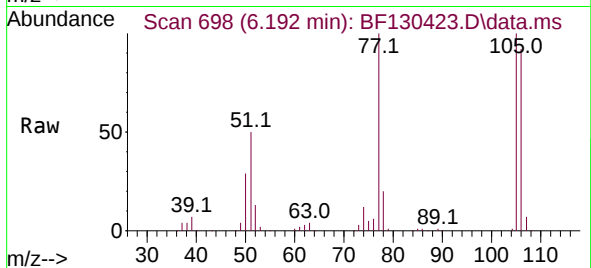
Tgt Ion:128 Resp: 388092
Ion Ratio Lower Upper
128 100
130 33.2 12.4 52.4
64 42.2 31.6 71.6





#9
Benzaldehyde
Concen: 33.457 ng
RT: 6.192 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52

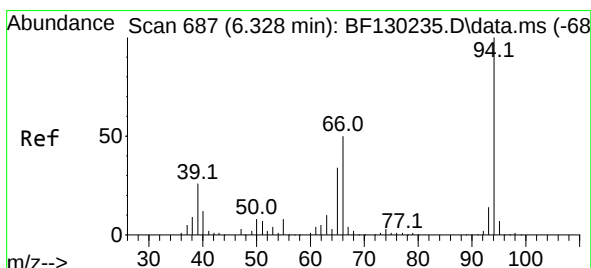
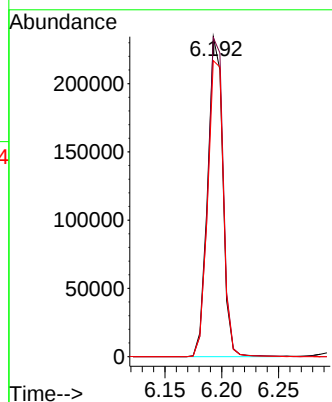
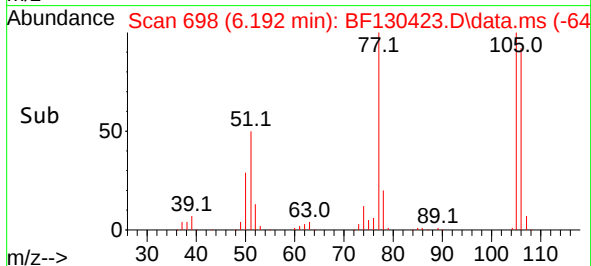
Instrument :
BNA_F
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PB147890BS



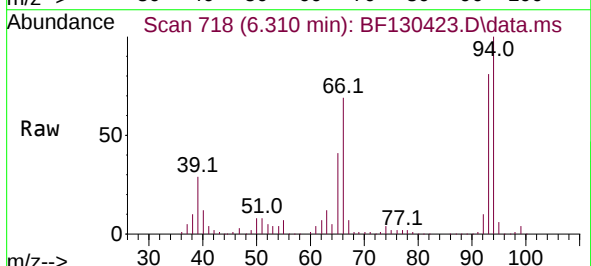
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Ion Ratio Lower Upper
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105 99.7 75.1 115.1
106 92.5 69.7 109.7

Manual Integrations
APPROVED

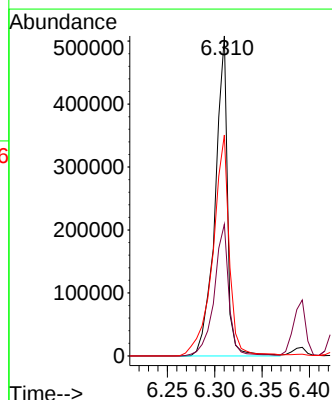
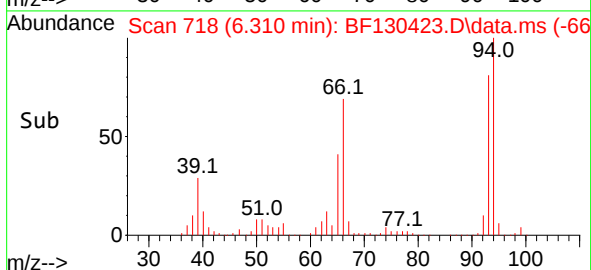
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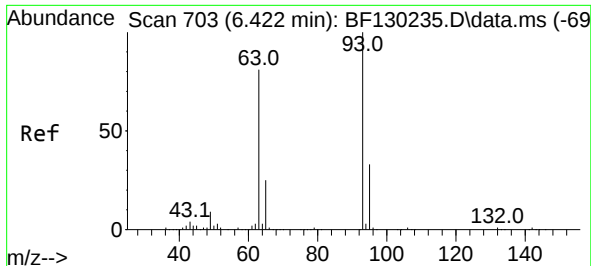


#10
Phenol
Concen: 40.533 ng
RT: 6.310 min Scan# 718
Delta R.T. -0.000 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52



Tgt Ion: 94 Resp: 462601
Ion Ratio Lower Upper
94 100
65 41.1 14.1 54.1
66 69.0 28.1 68.1#





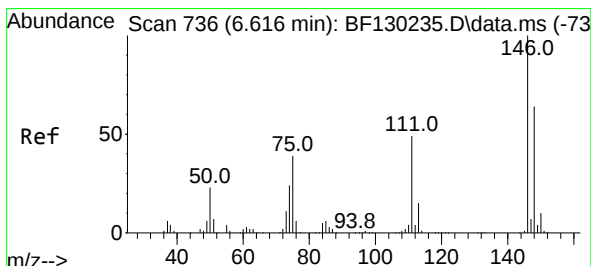
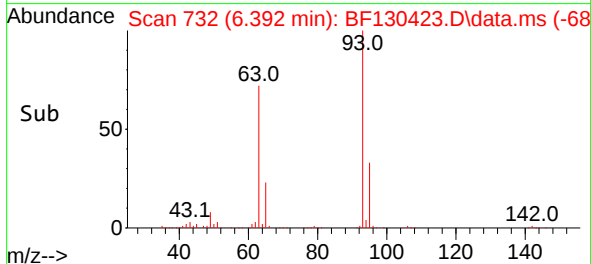
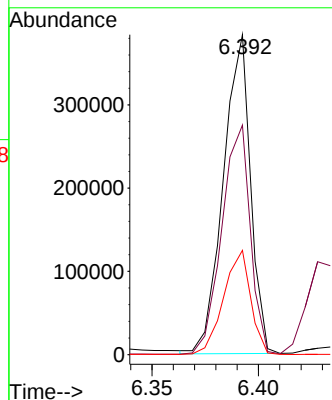
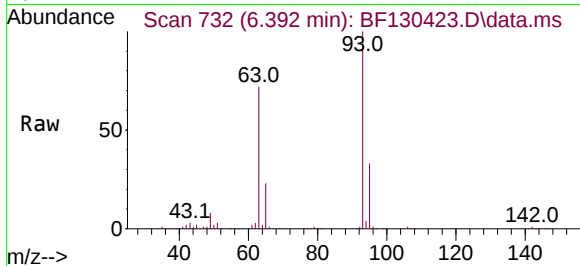
#11
bis(2-Chloroethyl)ether
Concen: 41.292 ng
RT: 6.392 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52

Instrument :
BNA_F
ClientSampleId :
PB147890BS

Tgt Ion: 93 Resp: 339921
Ion Ratio Lower Upper
93 100
63 71.7 62.5 102.5
95 32.6 12.5 52.5

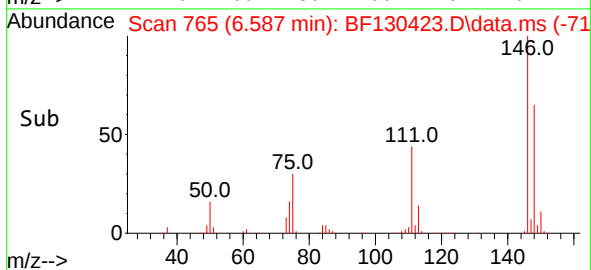
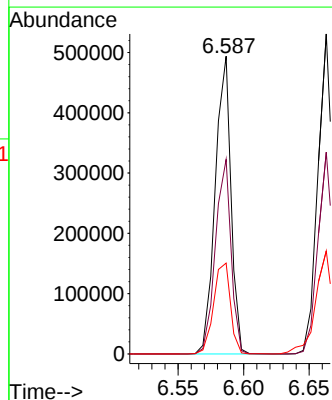
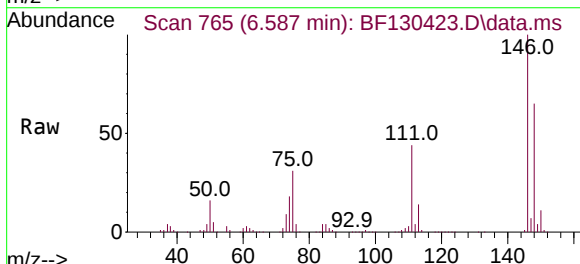
Manual Integrations
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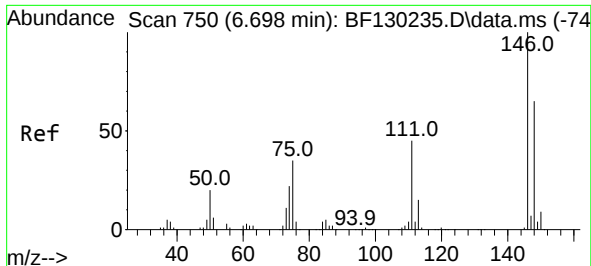
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#12
1,3-Dichlorobenzene
Concen: 42.367 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.006 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52

Tgt Ion:146 Resp: 413335
Ion Ratio Lower Upper
146 100
148 65.3 51.4 77.2
75 30.5 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 42.421 ng

RT: 6.663 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

Instrument :

BNA_F

ClientSampleId :

PB147890BS

Tgt Ion:146 Resp: 422032

Ion Ratio Lower Upper

146 100

148 63.1 50.3 75.5

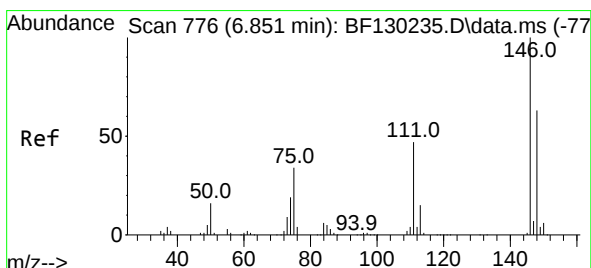
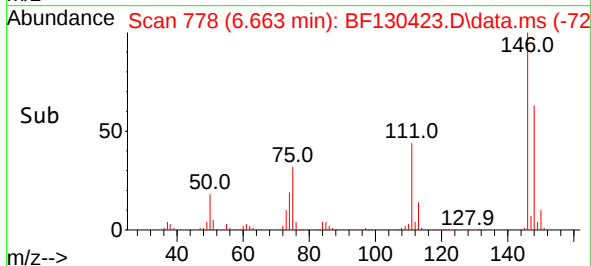
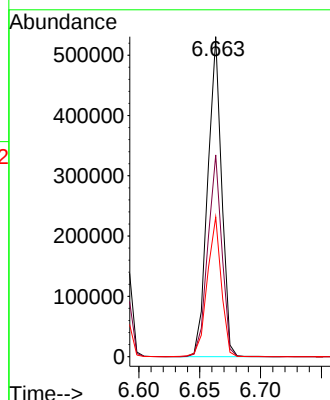
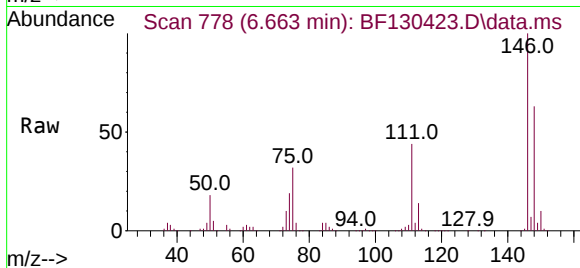
111 43.6 36.3 54.5

Manual Integrations

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Reviewed By :Christian Giraldo 09/28/2022

Supervised By :Jagrut Upadhyay 09/28/2022



#14

1,2-Dichlorobenzene

Concen: 43.034 ng

RT: 6.816 min Scan# 804

Delta R.T. -0.006 min

Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

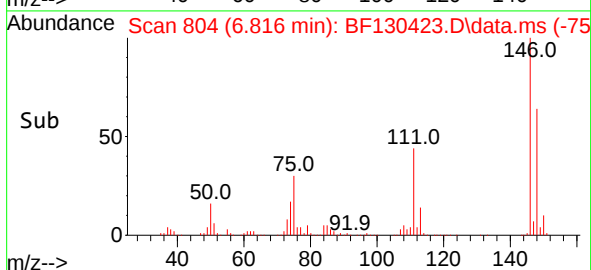
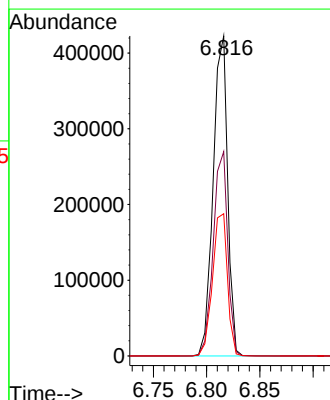
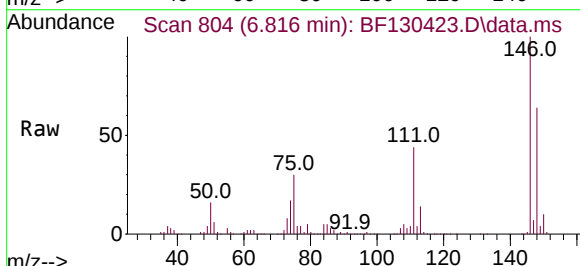
Tgt Ion:146 Resp: 399943

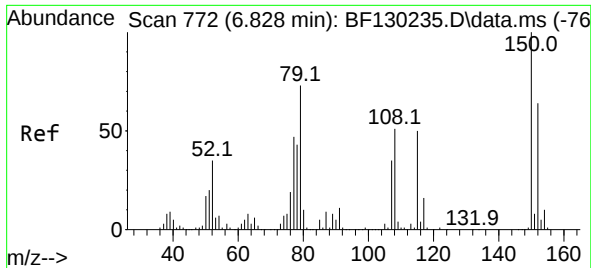
Ion Ratio Lower Upper

146 100

148 63.9 51.6 77.4

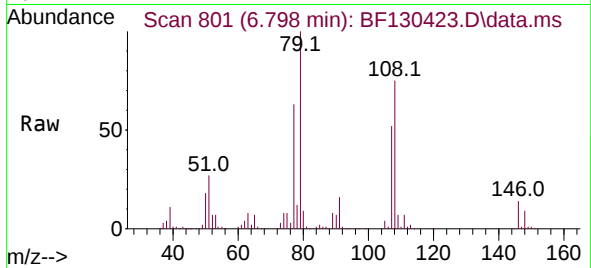
111 44.4 39.2 58.8





#15
Benzyl Alcohol
Concen: 36.504 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52

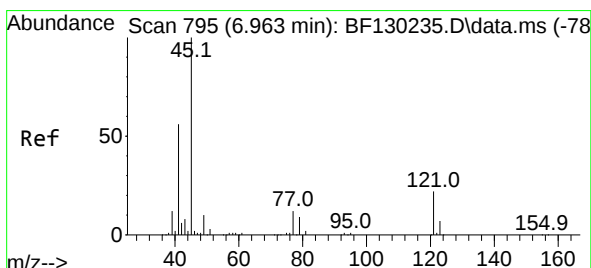
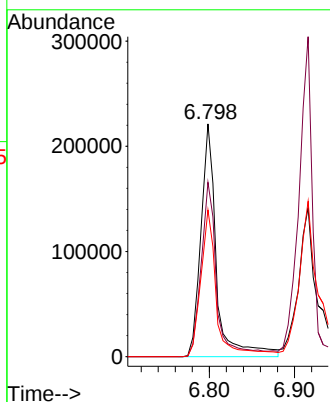
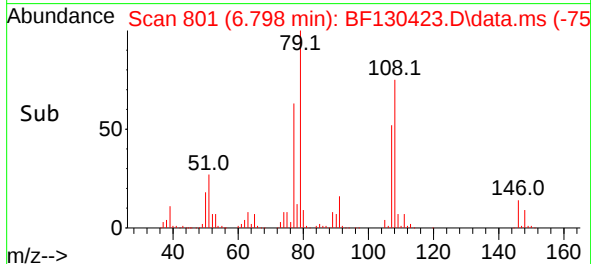
Instrument :
BNA_F
ClientSampleId :
PB147890BS



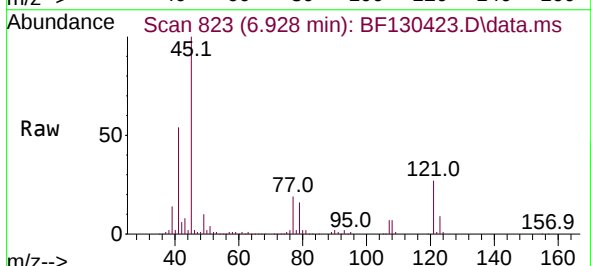
Tgt Ion: 79 Resp: 281869
Ion Ratio Lower Upper
79 100
108 74.9 54.0 81.0
77 63.0 51.3 76.9

Manual Integrations
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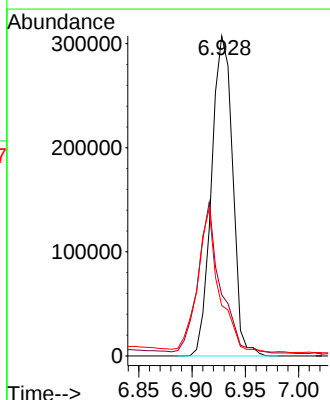
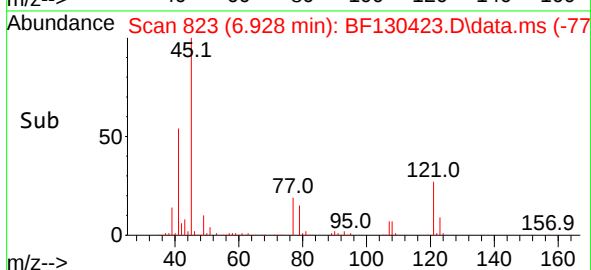
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

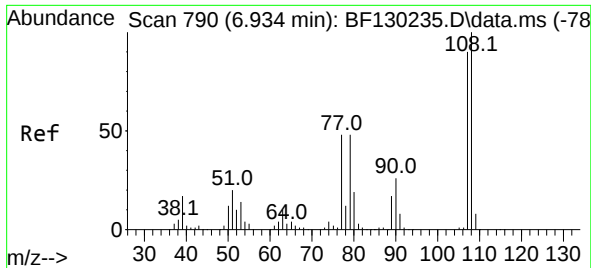


#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.389 ng
RT: 6.928 min Scan# 823
Delta R.T. -0.006 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52



Tgt Ion: 45 Resp: 424903
Ion Ratio Lower Upper
45 100
77 19.1 0.0 34.9
79 15.7 0.0 31.0





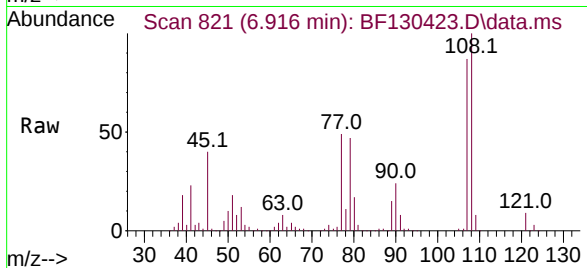
#17
2-Methylphenol
Concen: 41.577 ng
RT: 6.916 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52

Instrument :

BNA_F

ClientSampleId :

PB147890BS

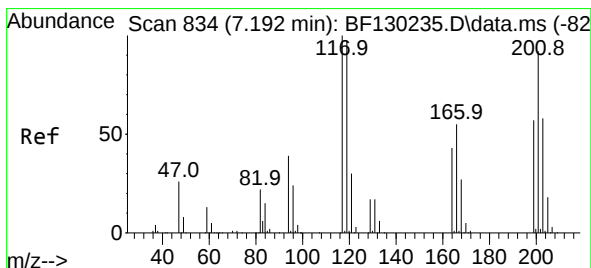
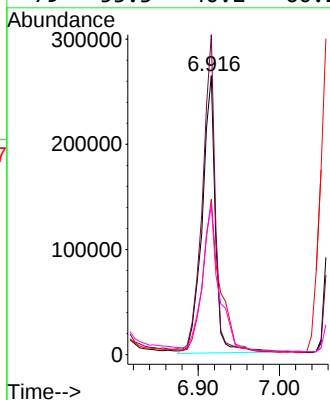
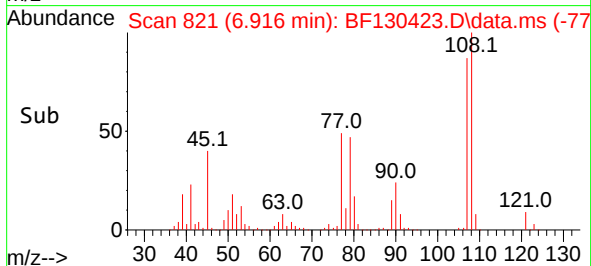


Tgt Ion:107 Resp: 299668
Ion Ratio Lower Upper
107 100
108 114.7 89.4 134.0
77 55.7 40.6 60.8
79 53.3 40.2 60.2

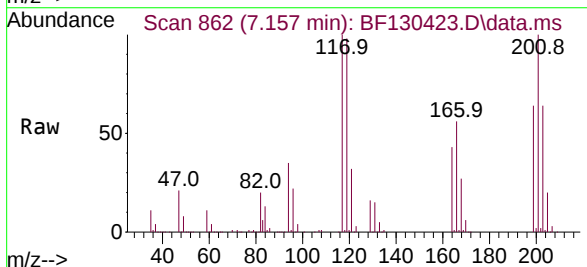
Manual Integrations

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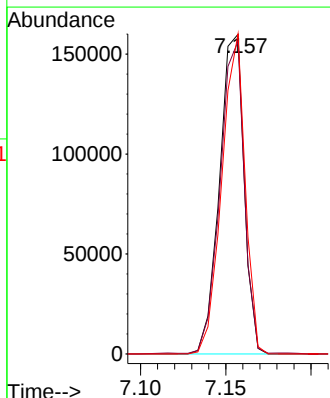
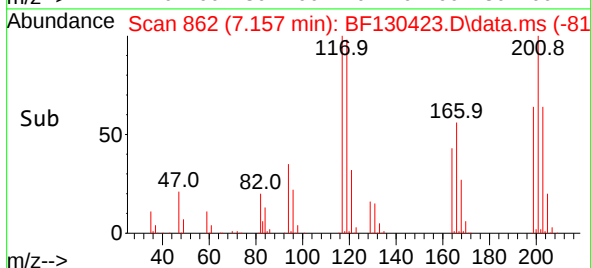
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

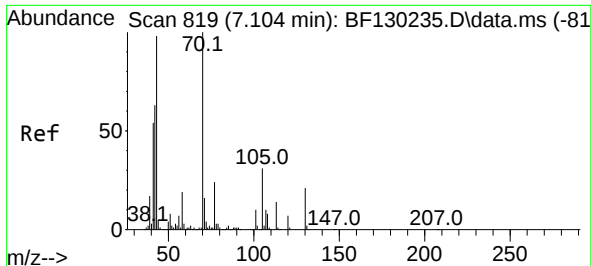


#18
Hexachloroethane
Concen: 40.878 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52



Tgt Ion:117 Resp: 160309
Ion Ratio Lower Upper
117 100
119 97.8 77.8 116.6
201 100.1 68.7 103.1





#19

n-Nitroso-di-n-propylamine

Concen: 38.183 ng

RT: 7.075 min Scan# 84

Delta R.T. -0.000 min

Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

Instrument :

BNA_F

ClientSampleId :

PB147890BS

Tgt Ion: 70 Resp: 250923

Ion Ratio Lower Upper

70 100

42 56.0 50.8 76.2

101 11.0 8.2 12.4

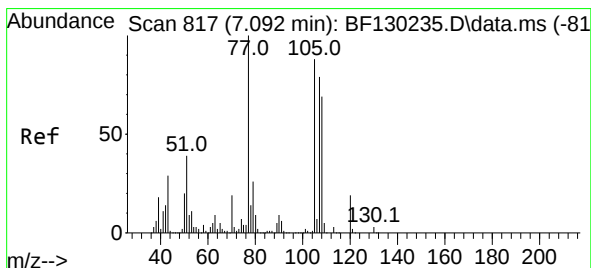
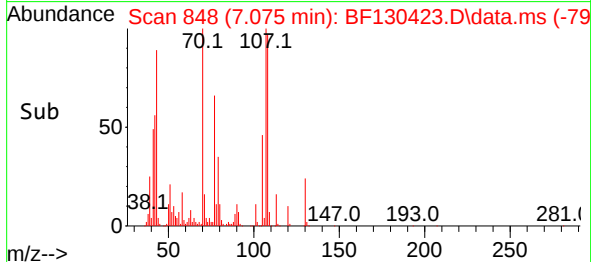
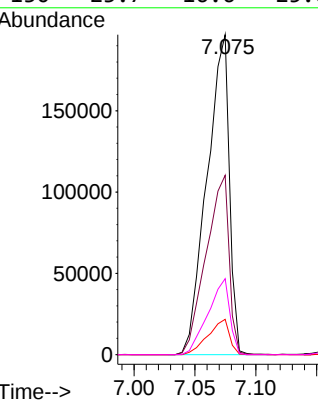
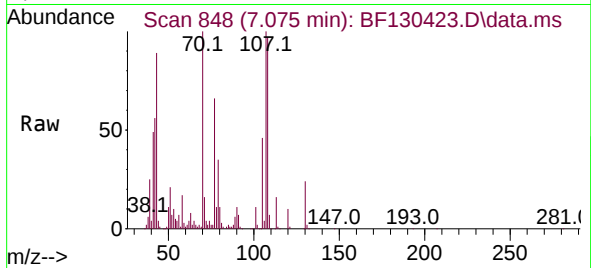
130 23.7 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/28/2022

Supervised By :Jagrut Upadhyay 09/28/2022



#20

3+4-Methylphenols

Concen: 39.972 ng

RT: 7.069 min Scan# 847

Delta R.T. -0.006 min

Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

Tgt Ion:107 Resp: 374256

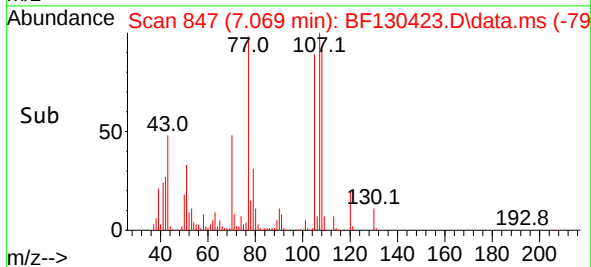
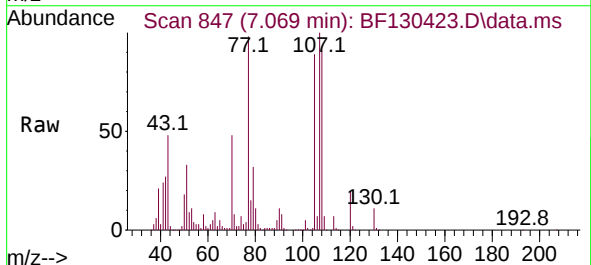
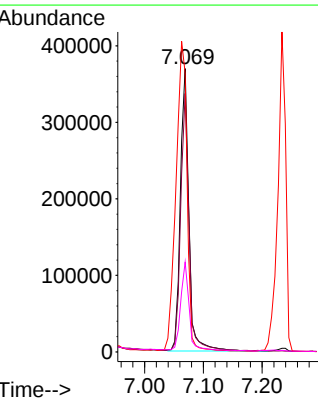
Ion Ratio Lower Upper

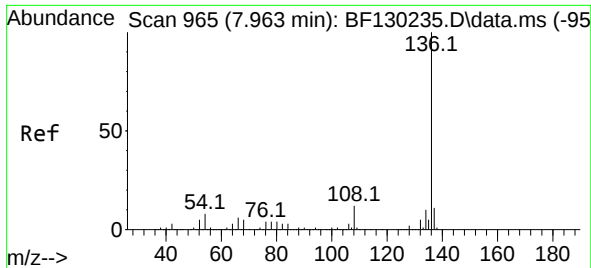
107 100

108 91.2 74.8 114.8

77 98.4 125.8 165.8#

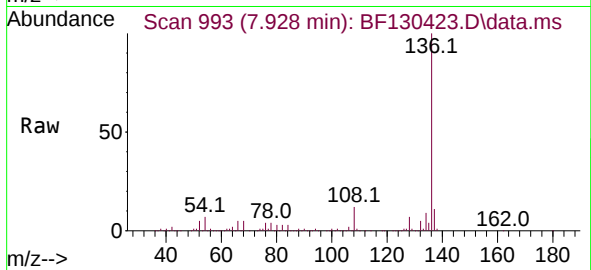
79 31.7 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.928 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52

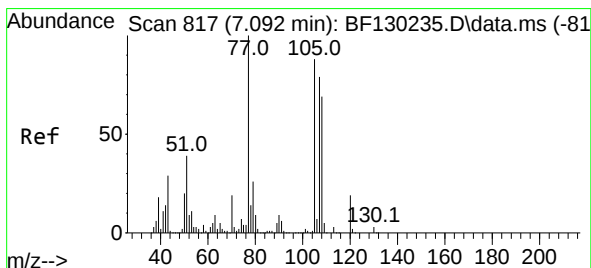
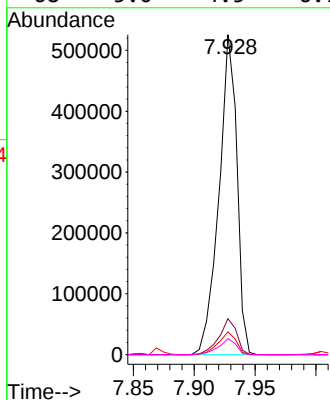
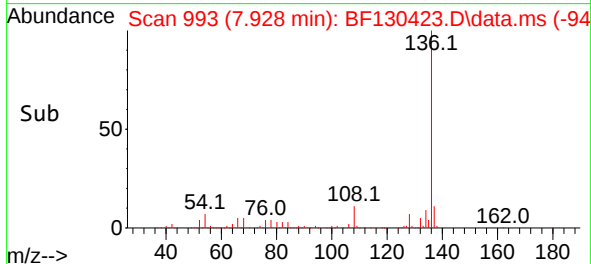
Instrument :
BNA_F
ClientSampleId :
PB147890BS



Tgt Ion:136 Resp: 537320
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.1 7.1 10.7
68 5.0 4.5 6.7

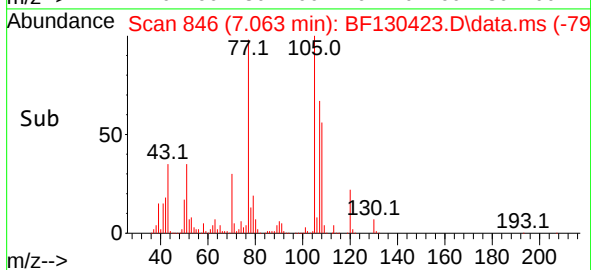
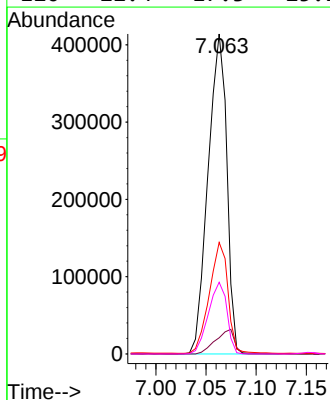
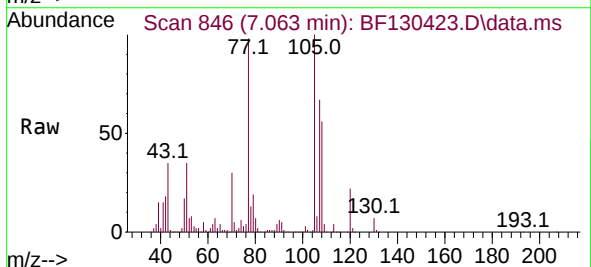
Manual Integrations
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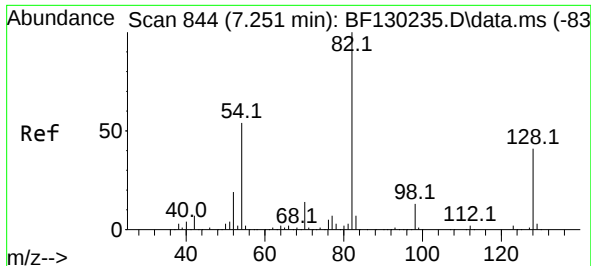
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#22
Acetophenone
Concen: 40.879 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52

Tgt Ion:105 Resp: 537010
Ion Ratio Lower Upper
105 100
71 5.0 3.9 5.9
51 34.8 32.2 48.2
120 22.4 17.3 25.9





#23

Nitrobenzene-d5

Concen: 75.923 ng

RT: 7.216 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

Instrument :

BNA_F

ClientSampleId :

PB147890BS

Tgt Ion: 82 Resp: 798520

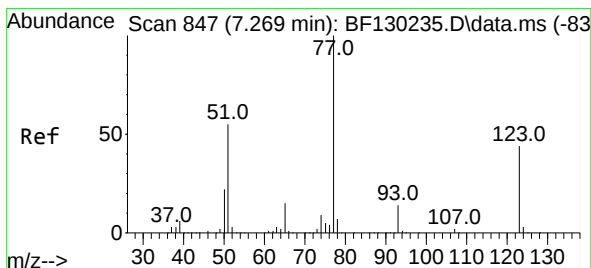
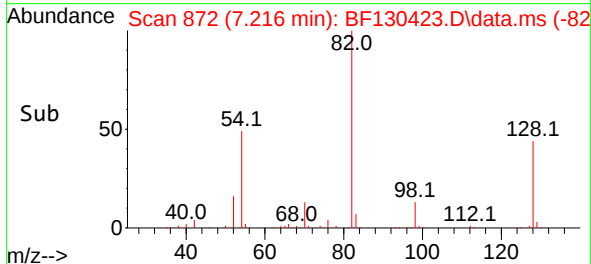
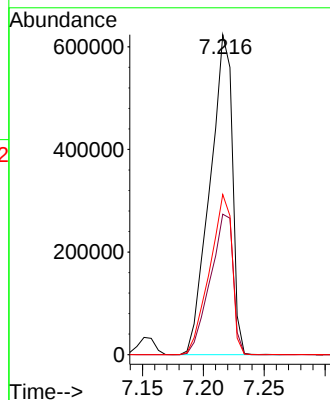
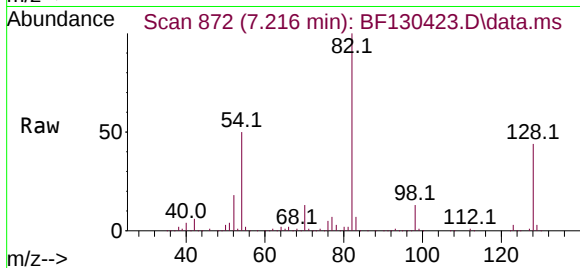
Ion	Ratio	Lower	Upper
82	100		
128	43.9	32.6	49.0
54	50.0	43.8	65.6

Manual Integrations

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Reviewed By :Christian Giraldo 09/28/2022

Supervised By :Jagrut Upadhyay 09/28/2022



#24

Nitrobenzene

Concen: 36.797 ng

RT: 7.234 min Scan# 875

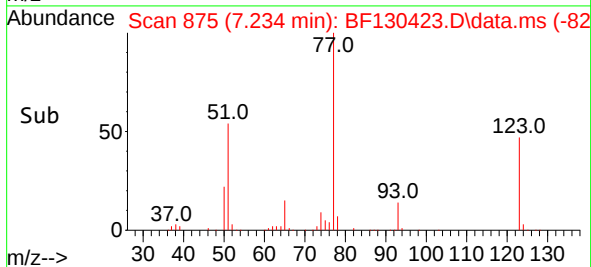
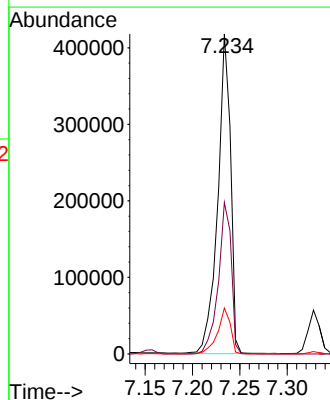
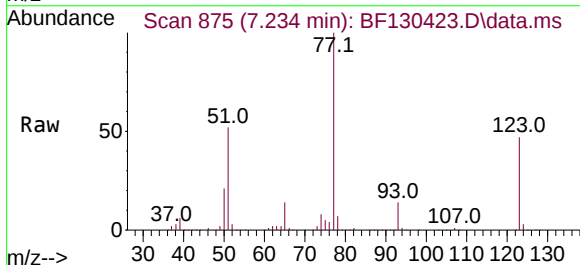
Delta R.T. -0.006 min

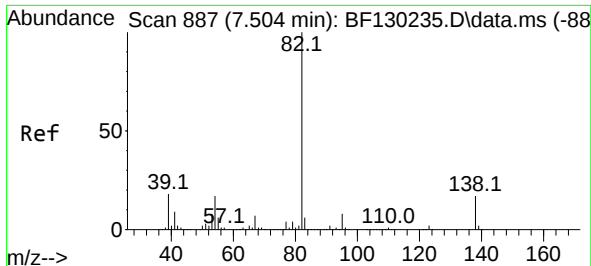
Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

Tgt Ion: 77 Resp: 392966

Ion	Ratio	Lower	Upper
77	100		
123	47.3	34.3	51.5
65	14.3	12.0	18.0





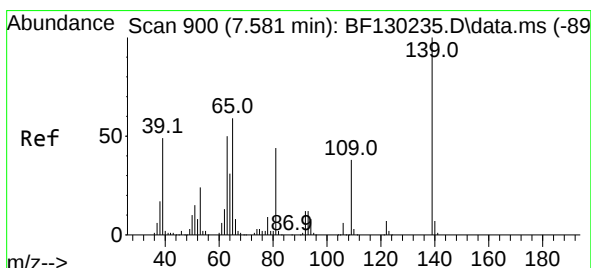
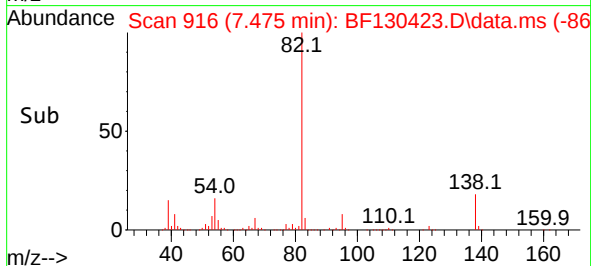
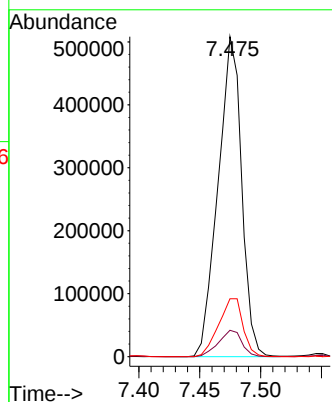
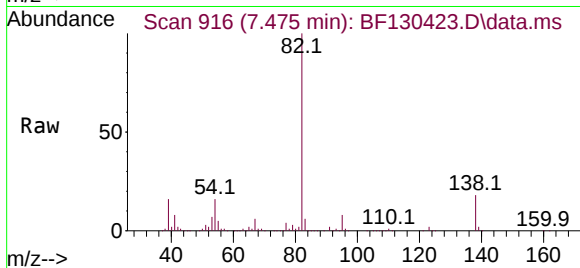
#25
Isophorone
Concen: 40.323 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52

Instrument :
BNA_F
Client Sample Id :
PB147890BS

Tgt Ion: 82 Resp: 683536
Ion Ratio Lower Upper
82 100
95 8.2 6.4 9.6
138 18.1 13.8 20.6

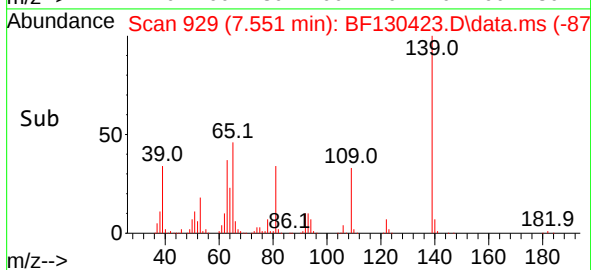
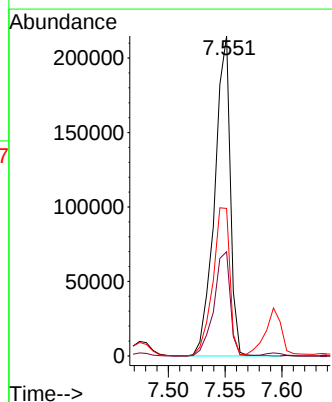
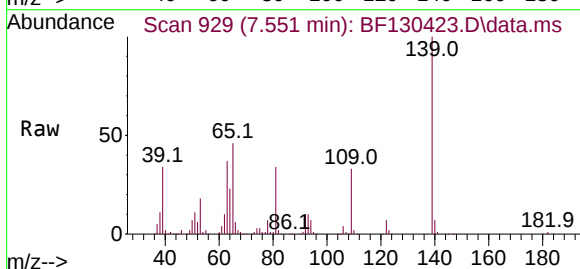
Manual Integrations
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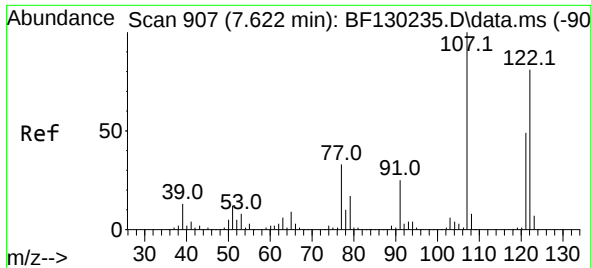
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#26
2-Nitrophenol
Concen: 46.939 ng
RT: 7.551 min Scan# 929
Delta R.T. -0.006 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52

Tgt Ion:139 Resp: 205490
Ion Ratio Lower Upper
139 100
109 32.5 30.2 45.4
65 46.1 48.9 73.3





#27

2,4-Dimethylphenol

Concen: 45.958 ng

RT: 7.592 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

Instrument :

BNA_F

ClientSampleId :

PB147890BS

Tgt Ion:122 Resp: 309791

Ion Ratio Lower Upper

122 100

107 120.1 100.2 150.2

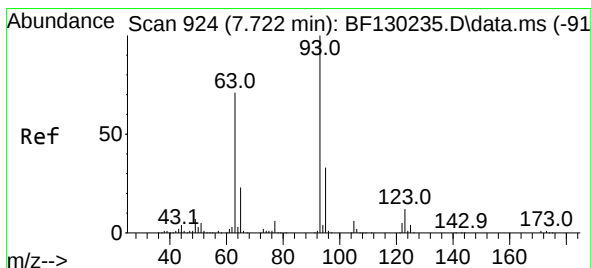
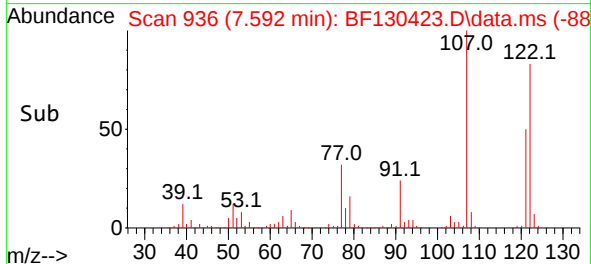
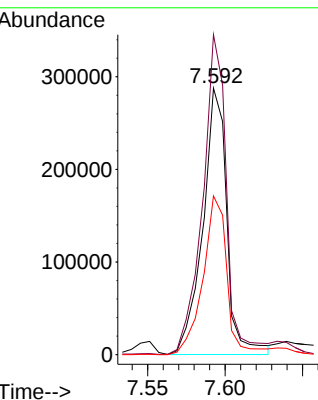
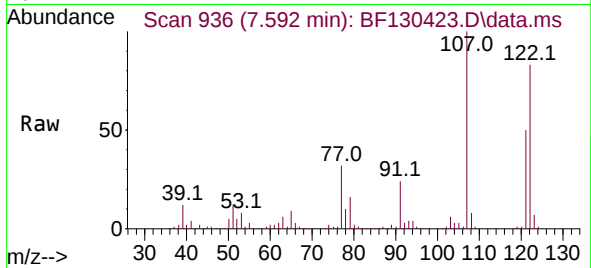
121 59.5 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/28/2022

Supervised By :Jagrut Upadhyay 09/28/2022



#28

bis(2-Chloroethoxy)methane

Concen: 43.358 ng

RT: 7.692 min Scan# 953

Delta R.T. -0.000 min

Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

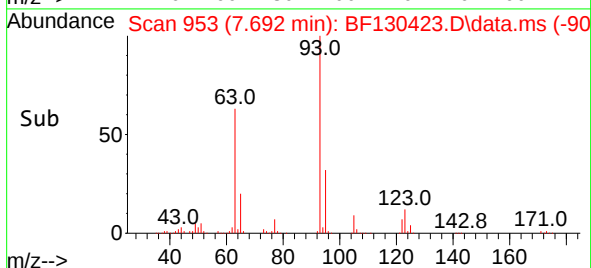
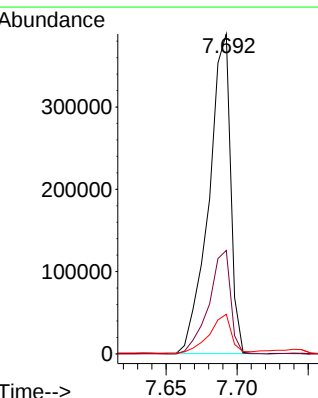
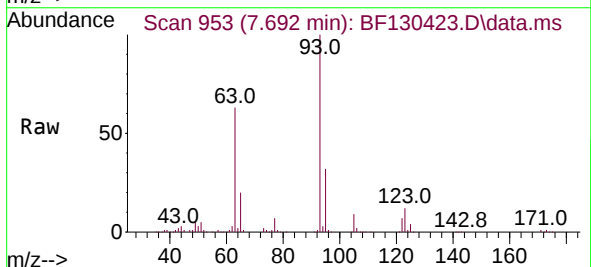
Tgt Ion: 93 Resp: 413857

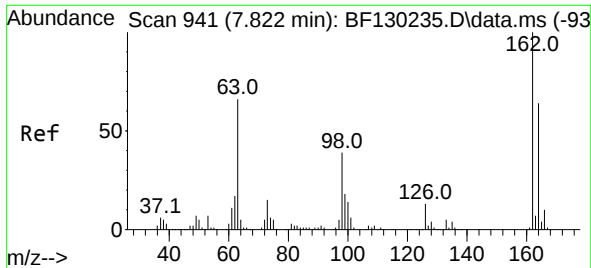
Ion Ratio Lower Upper

93 100

95 32.3 26.3 39.5

123 12.4 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 41.944 ng

RT: 7.792 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

Instrument :

BNA_F

ClientSampleId :

PB147890BS

Tgt Ion:162 Resp: 309829

Ion Ratio Lower Upper

162 100

164 64.7 42.2 82.2

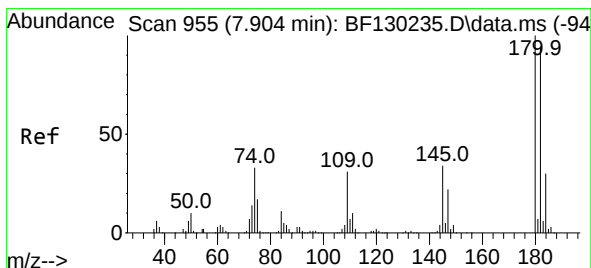
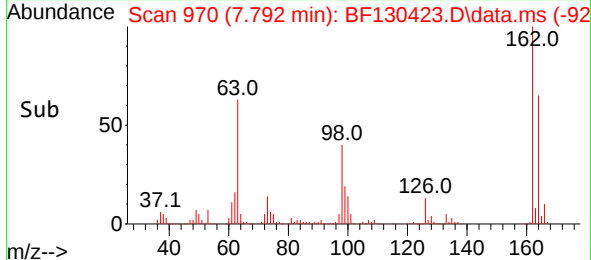
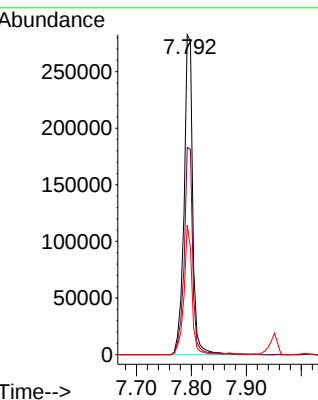
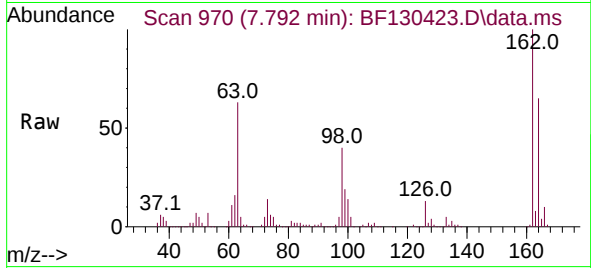
98 40.4 21.7 61.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/28/2022

Supervised By :Jagrut Upadhyay 09/28/2022



#30

1,2,4-Trichlorobenzene

Concen: 41.711 ng

RT: 7.869 min Scan# 983

Delta R.T. -0.012 min

Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

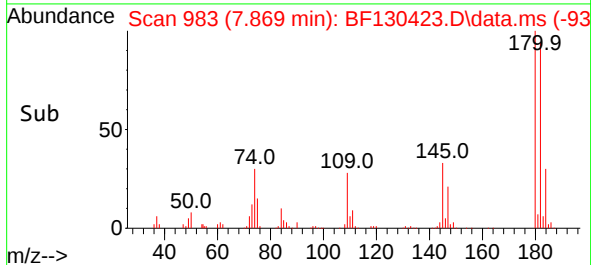
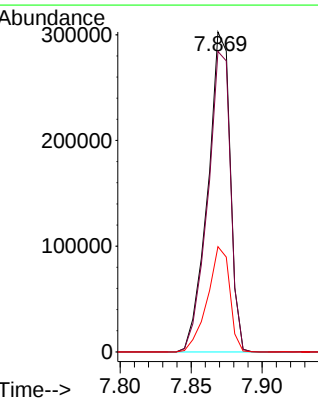
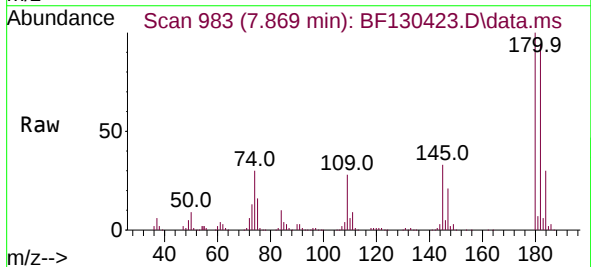
Tgt Ion:180 Resp: 333112

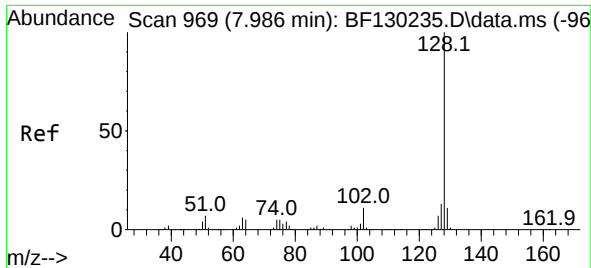
Ion Ratio Lower Upper

180 100

182 93.9 73.3 109.9

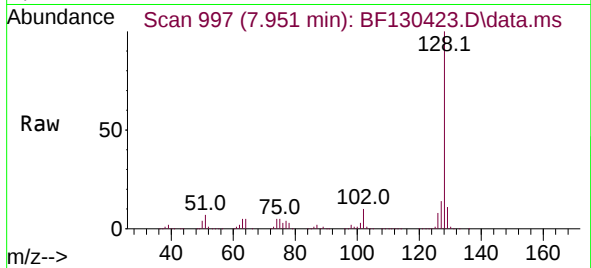
145 32.9 28.3 42.5





#31
Naphthalene
Concen: 39.393 ng
RT: 7.951 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52

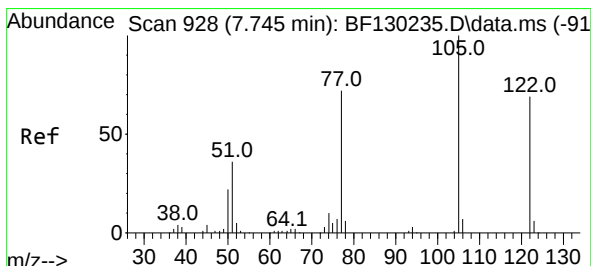
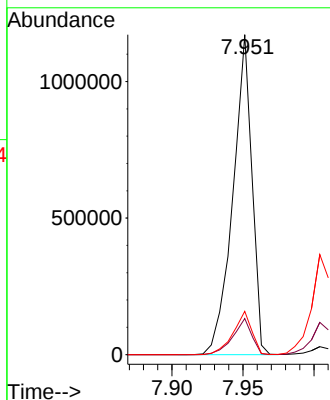
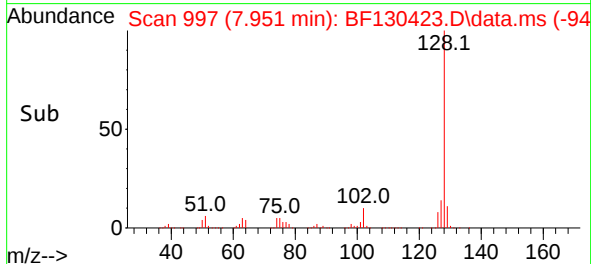
Instrument :
BNA_F
ClientSampleId :
PB147890BS



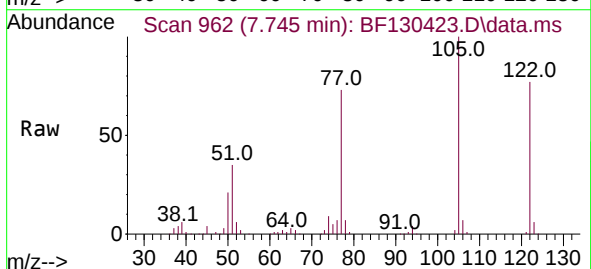
Tgt Ion:128 Resp: 1090486
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.5 10.6 16.0

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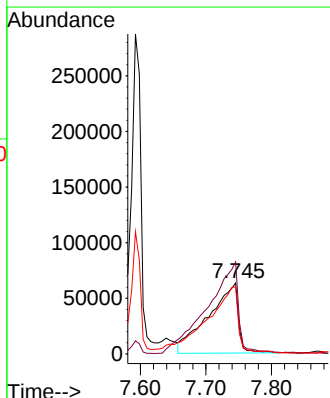
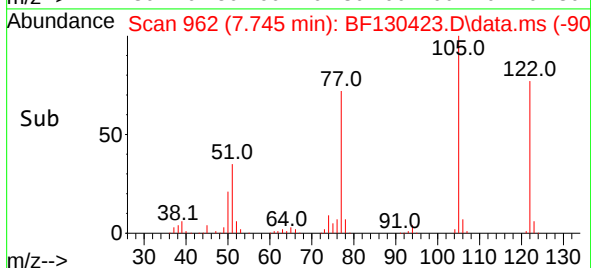
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

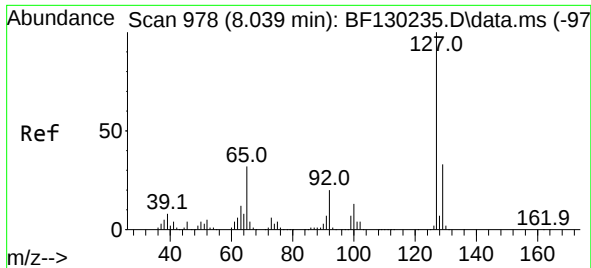


#32
Benzoic acid
Concen: 38.383 ng
RT: 7.745 min Scan# 962
Delta R.T. 0.018 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52



Tgt Ion:122 Resp: 200081
Ion Ratio Lower Upper
122 100
105 129.3 112.9 152.9
77 94.4 82.8 122.8





#33
4-Chloroaniline
Concen: 34.161 ng
RT: 8.004 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52

Instrument :

BNA_F

ClientSampleId :

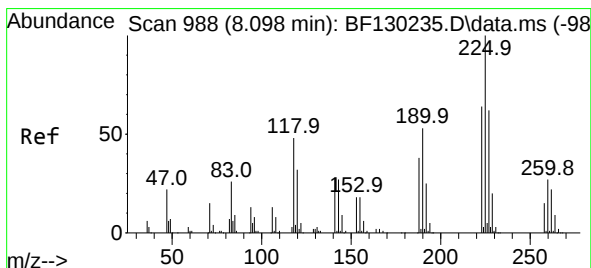
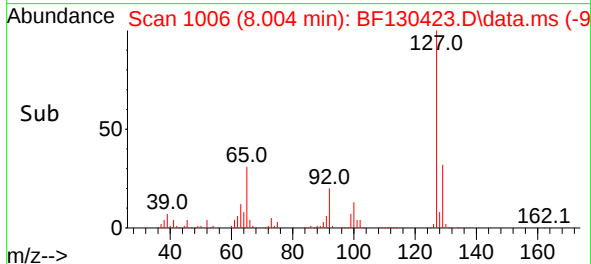
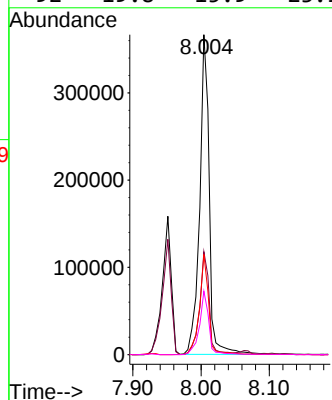
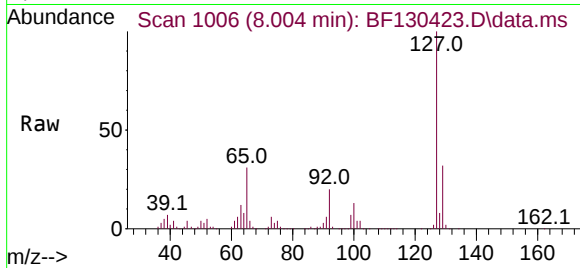
PB147890BS

Tgt Ion:127 Resp: 359656
Ion Ratio Lower Upper
127 100
129 32.2 25.6 38.4
65 31.3 27.0 40.6
92 19.8 15.9 23.9

Manual Integrations

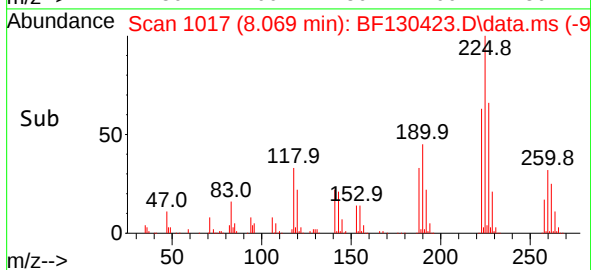
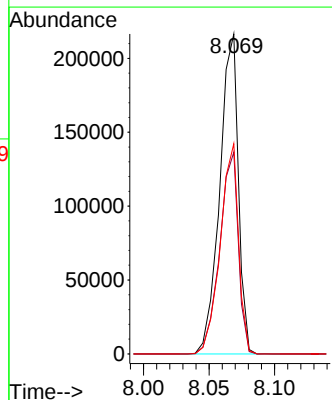
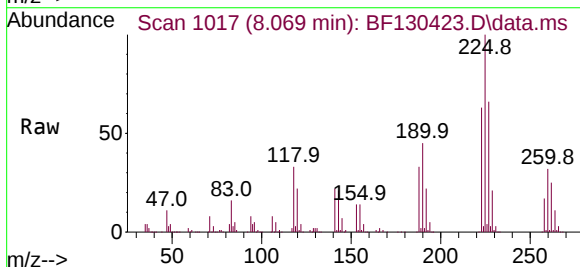
APPROVED

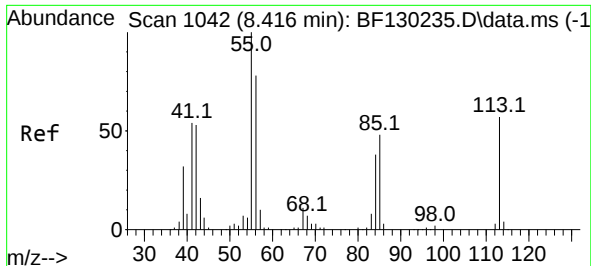
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#34
Hexachlorobutadiene
Concen: 41.858 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52

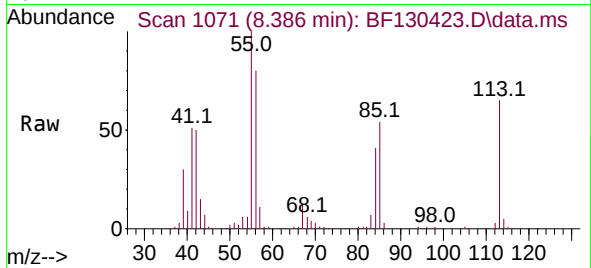
Tgt Ion:225 Resp: 213641
Ion Ratio Lower Upper
225 100
223 63.0 50.3 75.5
227 65.7 51.1 76.7





#35
 Caprolactam
 Concen: 45.366 ng m
 RT: 8.386 min Scan# 1071
 Delta R.T. -0.000 min
 Lab File: BF130423.D
 Acq: 27 Sep 2022 13:52

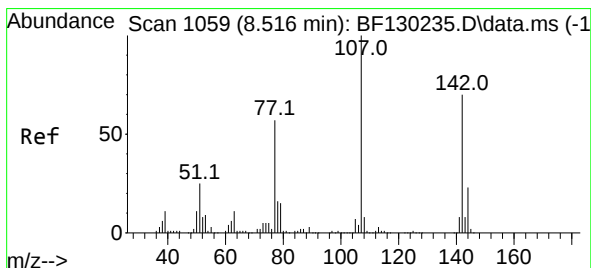
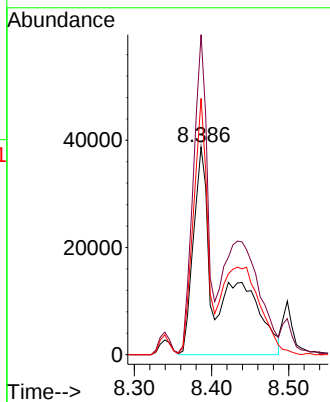
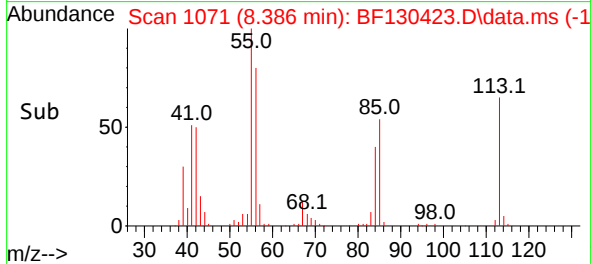
Instrument :
 BNA_F
 ClientSampleId :
 PB147890BS



Tgt Ion:113 Resp: 96068
 Ion Ratio Lower Upper
 113 100
 55 154.1 155.4 195.4
 56 123.4 120.4 160.4

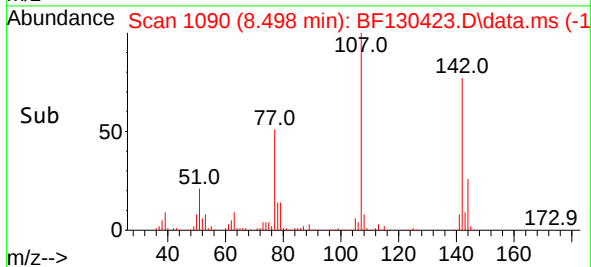
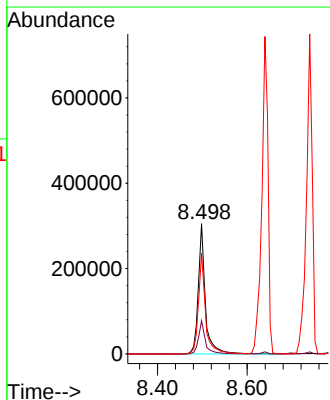
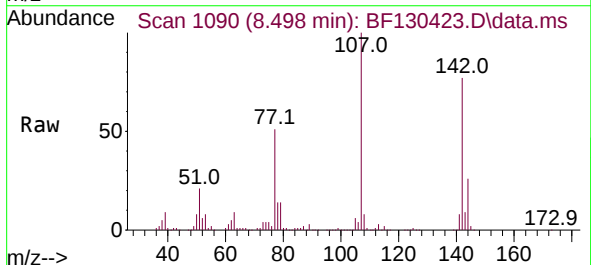
Manual Integrations
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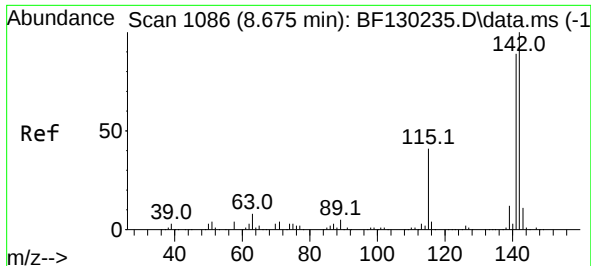
Reviewed By :Christian Giraldo 09/28/2022
 Supervised By :Jagrut Upadhyay 09/28/2022



#36
 4-Chloro-3-methylphenol
 Concen: 40.713 ng
 RT: 8.498 min Scan# 1090
 Delta R.T. -0.006 min
 Lab File: BF130423.D
 Acq: 27 Sep 2022 13:52

Tgt Ion:107 Resp: 333342
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.0 30.0
 142 77.2 61.3 91.9





#37

2-Methylnaphthalene

Concen: 40.781 ng

RT: 8.639 min Scan# 1114

Delta R.T. -0.012 min

Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

Instrument :

BNA_F

ClientSampleId :

PB147890BS

Tgt Ion:142 Resp: 719775

Ion Ratio Lower Upper

142 100

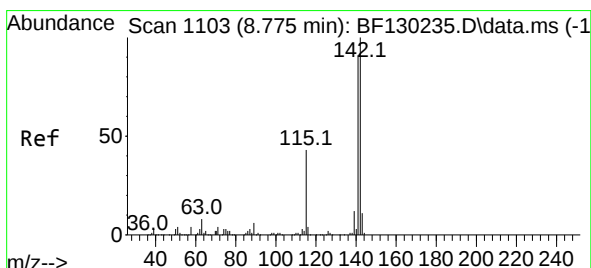
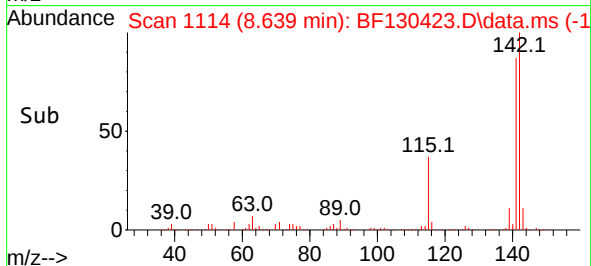
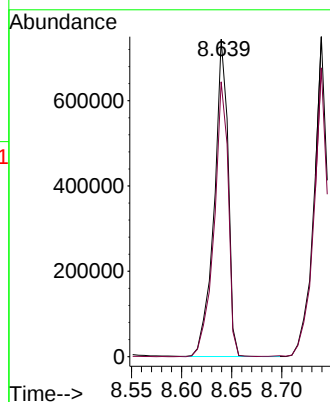
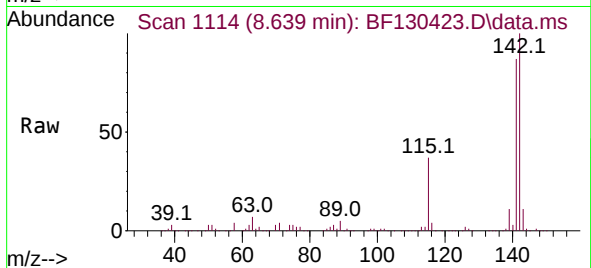
141 86.6 70.0 105.0

Manual Integrations

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Reviewed By :Christian Giraldo 09/28/2022

Supervised By :Jagrut Upadhyay 09/28/2022



#38

1-Methylnaphthalene

Concen: 39.853 ng

RT: 8.739 min Scan# 1131

Delta R.T. -0.006 min

Lab File: BF130423.D

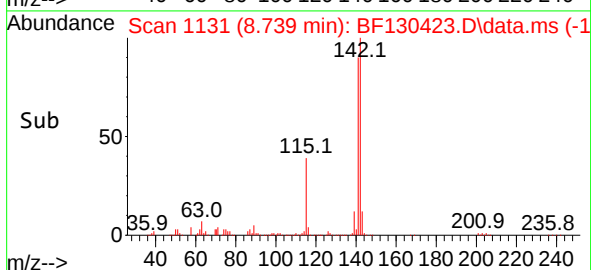
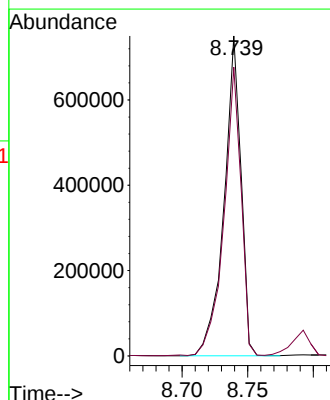
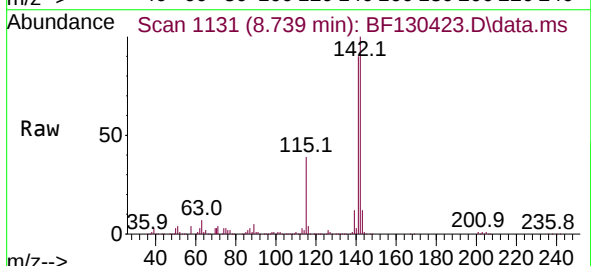
Acq: 27 Sep 2022 13:52

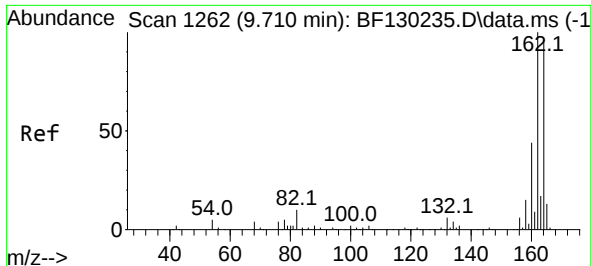
Tgt Ion:142 Resp: 675723

Ion Ratio Lower Upper

142 100

141 90.2 73.8 110.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.681 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130423.D

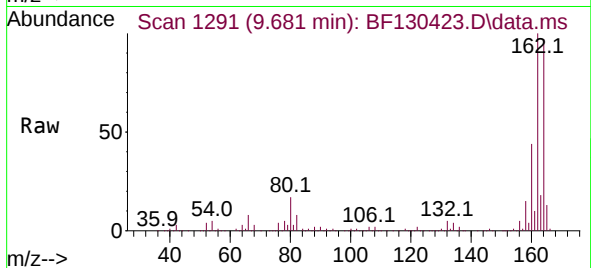
Acq: 27 Sep 2022 13:52

Instrument :

BNA_F

ClientSampleId :

PB147890BS



Tgt Ion:164 Resp: 27908

Ion Ratio Lower Upper

164 100

162 103.1 81.4 122.0

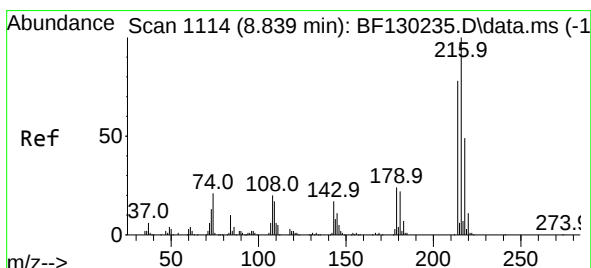
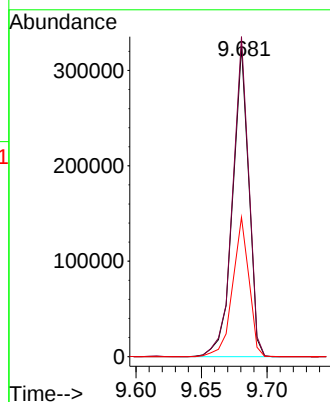
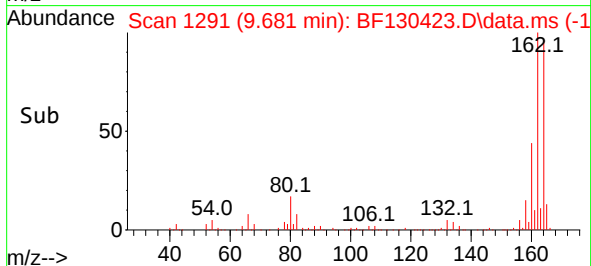
160 44.9 36.2 54.4

Manual Integrations

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Reviewed By :Christian Giraldo 09/28/2022

Supervised By :Jagrut Upadhyay 09/28/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.034 ng

RT: 8.810 min Scan# 1143

Delta R.T. -0.006 min

Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

Tgt Ion:216 Resp: 335380

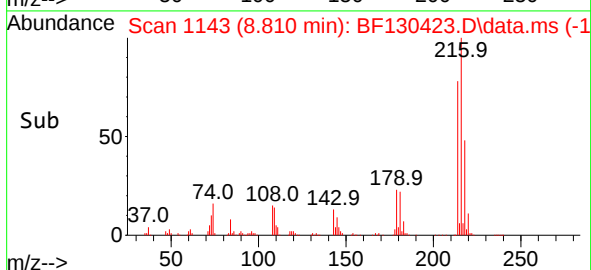
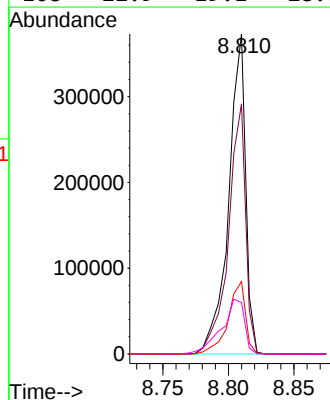
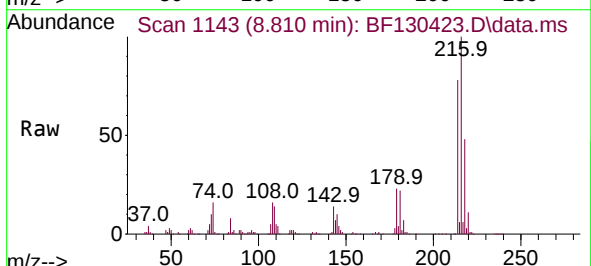
Ion Ratio Lower Upper

216 100

214 79.0 62.8 94.2

179 23.2 19.5 29.3

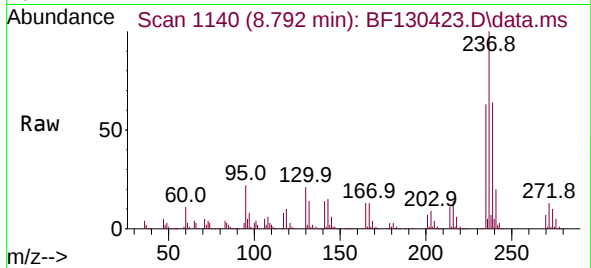
108 22.9 19.1 28.7





#41
Hexachlorocyclopentadiene
Concen: 102.360 ng
RT: 8.792 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52

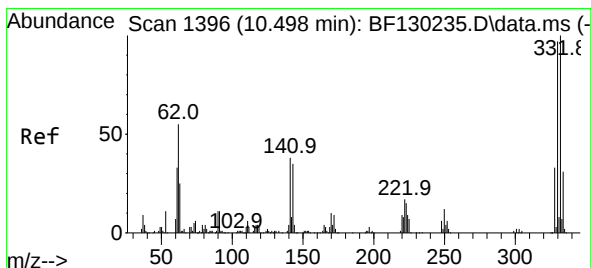
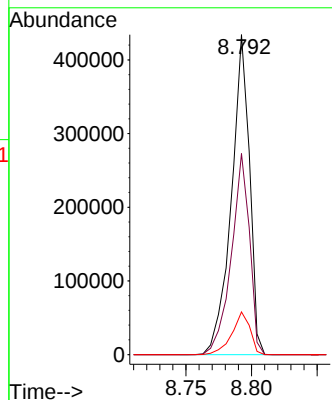
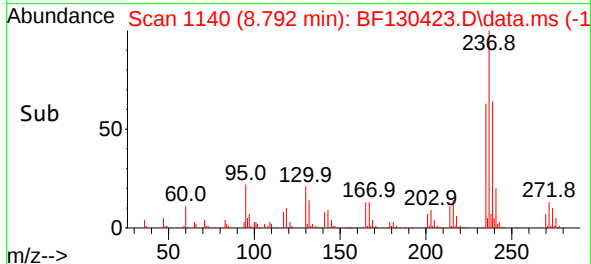
Instrument :
BNA_F
ClientSampleId :
PB147890BS



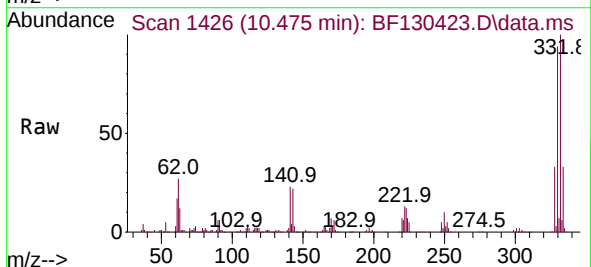
Tgt Ion: 237 Resp: 417401
Ion Ratio Lower Upper
237 100
235 62.8 42.5 82.5
272 13.3 0.0 32.8

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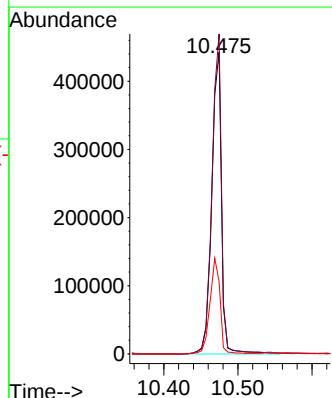
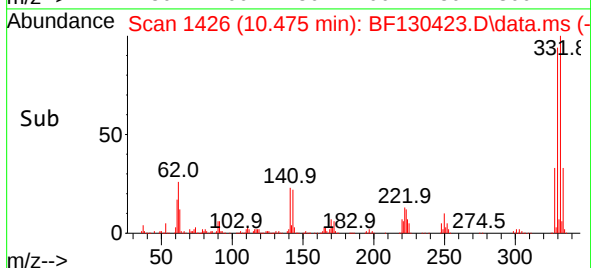
Reviewed By : Christian Giraldo 09/28/2022
Supervised By : Jagrut Upadhyay 09/28/2022

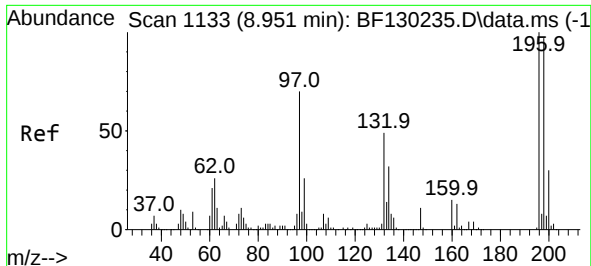


#42
2,4,6-Tribromophenol
Concen: 150.463 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52



Tgt Ion: 330 Resp: 402367
Ion Ratio Lower Upper
330 100
332 105.5 83.4 125.2
141 33.0 34.0 51.0#





#43

2,4,6-Trichlorophenol

Concen: 41.391 ng

RT: 8.922 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF130423.D

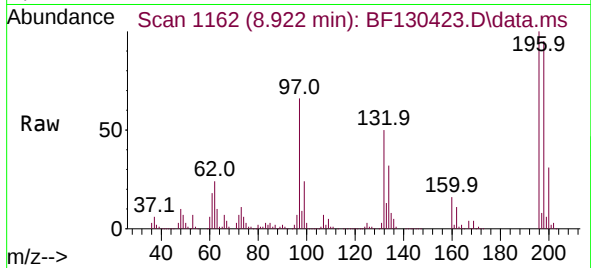
Acq: 27 Sep 2022 13:52

Instrument :

BNA_F

ClientSampleId :

PB147890BS



Tgt Ion:196 Resp: 220016

Ion Ratio Lower Upper

196 100

198 95.4 72.4 108.6

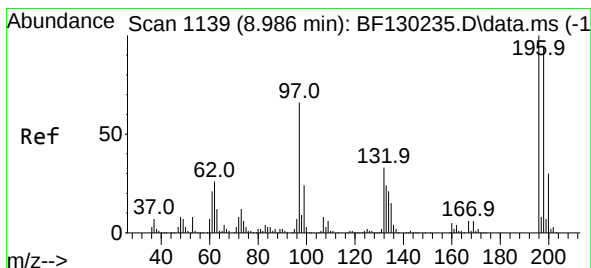
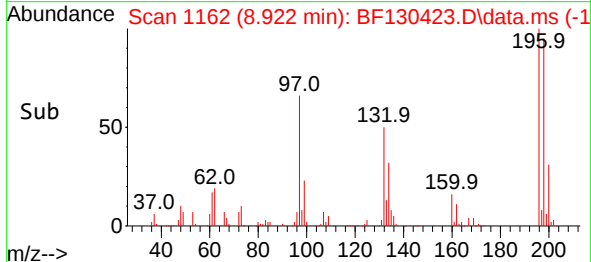
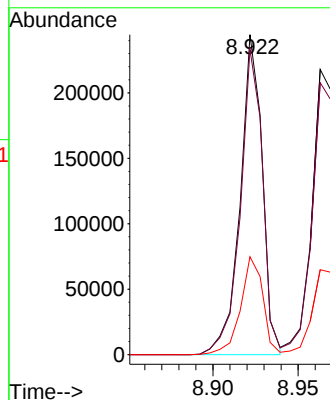
200 30.6 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/28/2022

Supervised By :Jagrut Upadhyay 09/28/2022



#44

2,4,5-Trichlorophenol

Concen: 41.626 ng

RT: 8.963 min Scan# 1169

Delta R.T. -0.012 min

Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

Tgt Ion:196 Resp: 238769

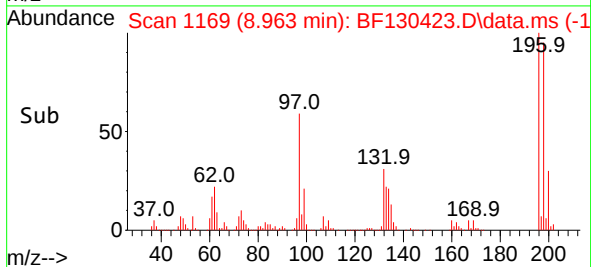
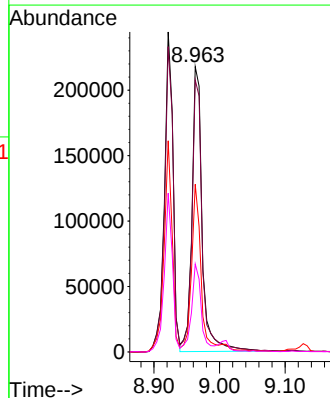
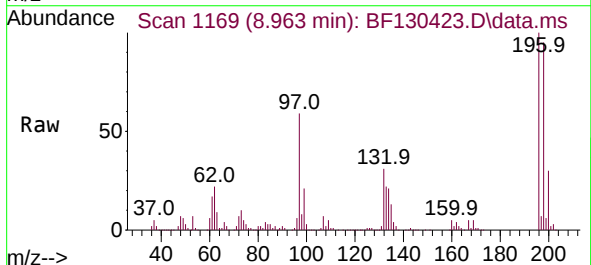
Ion Ratio Lower Upper

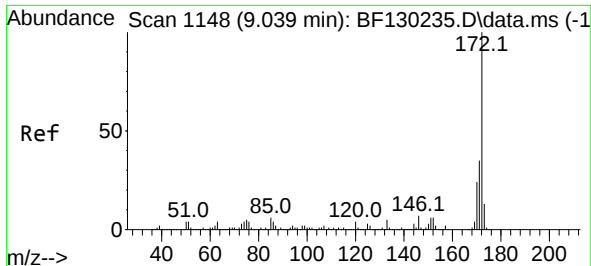
196 100

198 95.3 74.8 112.2

97 58.7 43.7 65.5

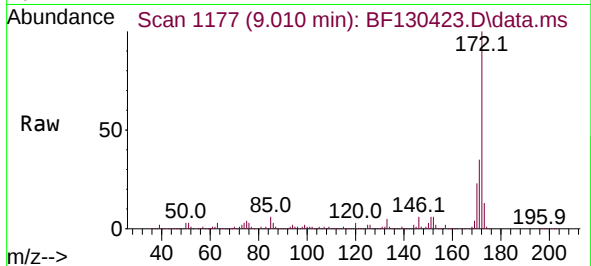
132 30.8 22.8 34.2





#45
2-Fluorobiphenyl
Concen: 80.864 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52

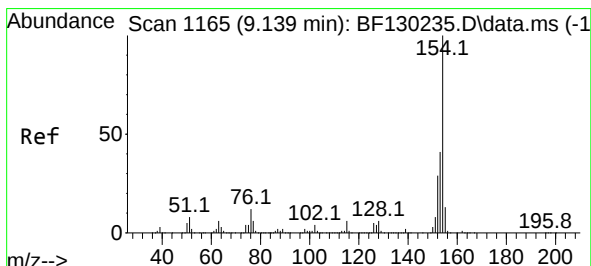
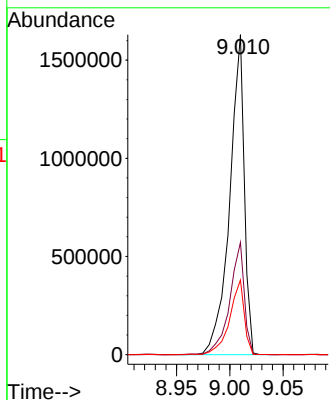
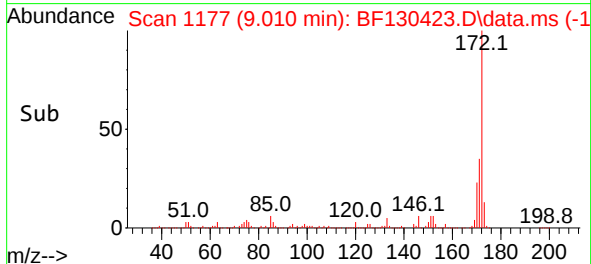
Instrument :
BNA_F
ClientSampleId :
PB147890BS



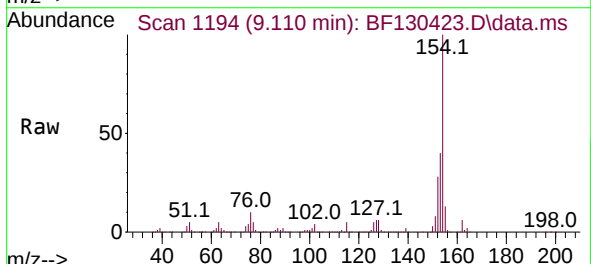
Tgt Ion:172 Resp: 1549810
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.3 18.7 28.1

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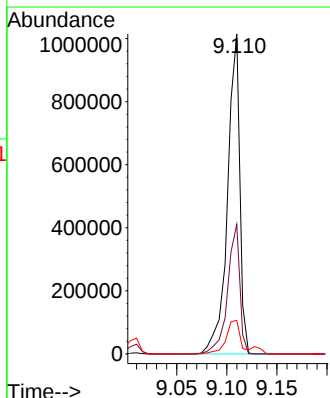
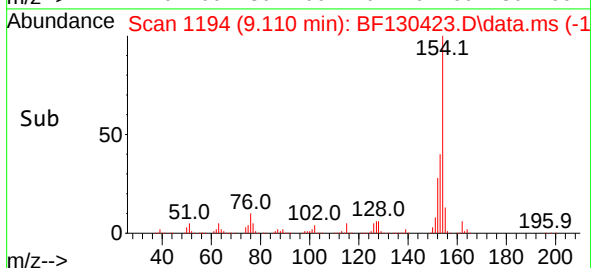
Reviewed By :Christian Giraldo 09/28/2022
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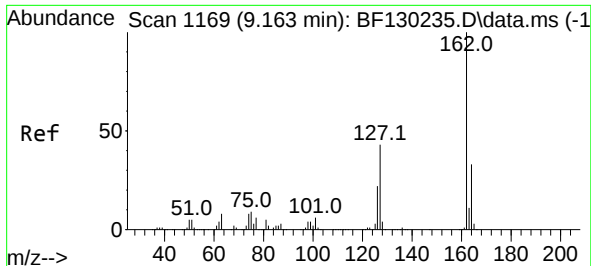


#46
1,1'-Biphenyl
Concen: 41.670 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52



Tgt Ion:154 Resp: 868551
Ion Ratio Lower Upper
154 100
153 40.4 20.0 60.0
76 10.5 0.0 33.3





#47

2-Chloronaphthalene

Concen: 40.586 ng

RT: 9.128 min Scan# 1169

Delta R.T. -0.012 min

Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

Instrument :

BNA_F

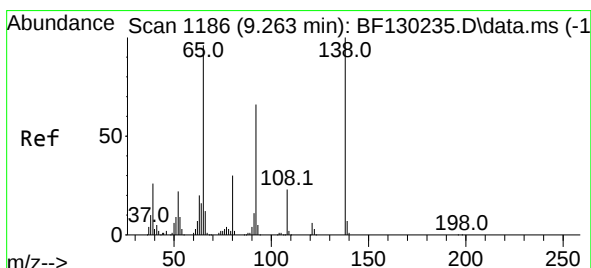
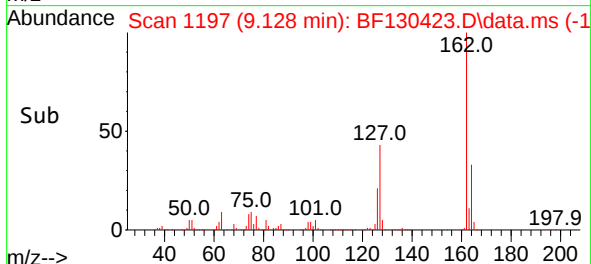
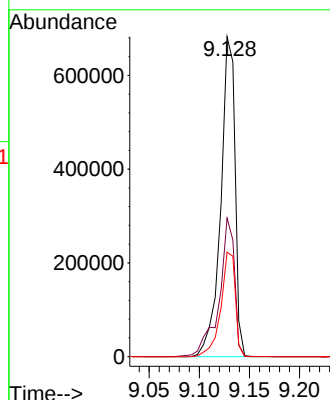
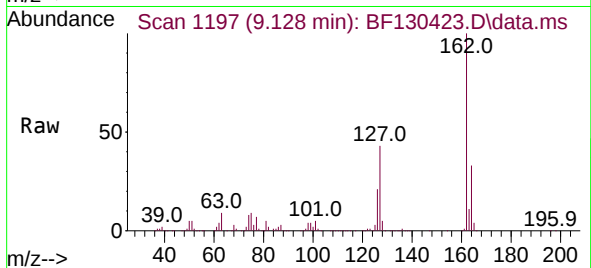
ClientSampleId :

PB147890BS

Tgt Ion:162 Resp: 68432
 Ion Ratio Lower Upper
 162 100
 127 43.3 35.9 53.9
 164 32.6 26.2 39.2

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Reviewed By :Christian Giraldo 09/28/2022
 Supervised By :Jagrut Upadhyay 09/28/2022



#48

2-Nitroaniline

Concen: 35.898 ng

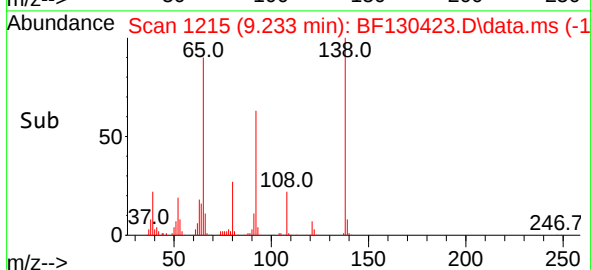
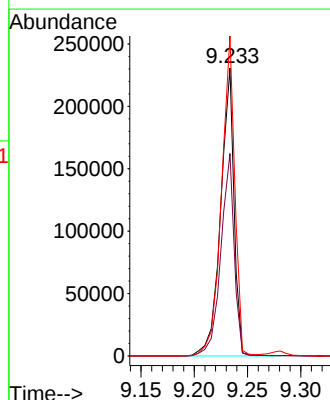
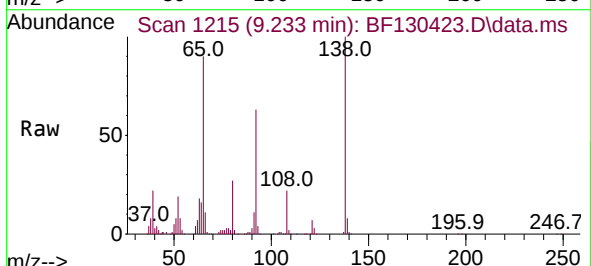
RT: 9.233 min Scan# 1215

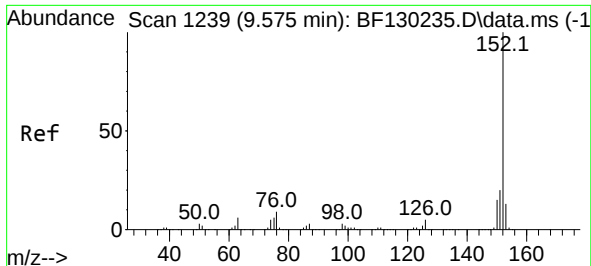
Delta R.T. -0.006 min

Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

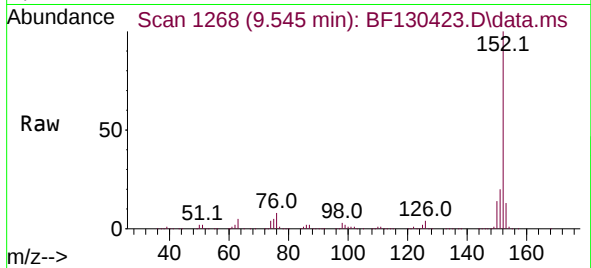
Tgt Ion: 65 Resp: 201878
 Ion Ratio Lower Upper
 65 100
 92 70.3 52.2 78.4
 138 111.2 77.0 115.4





#49
Acenaphthylene
Concen: 39.835 ng
RT: 9.545 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52

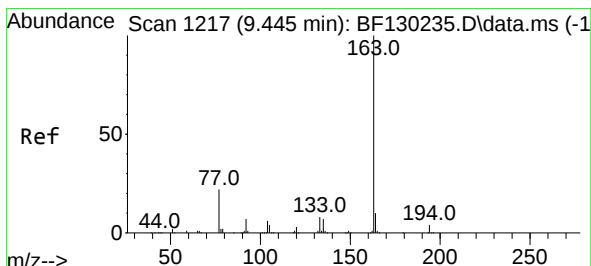
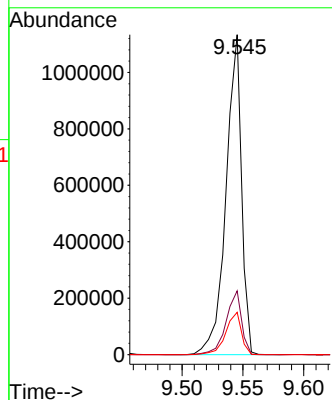
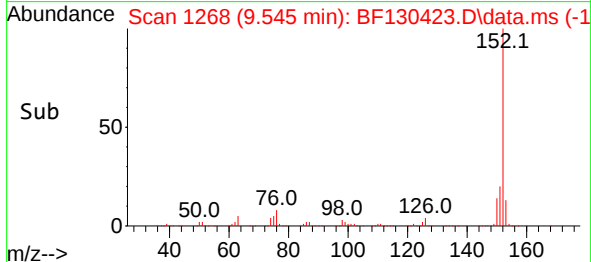
Instrument :
BNA_F
ClientSampleId :
PB147890BS



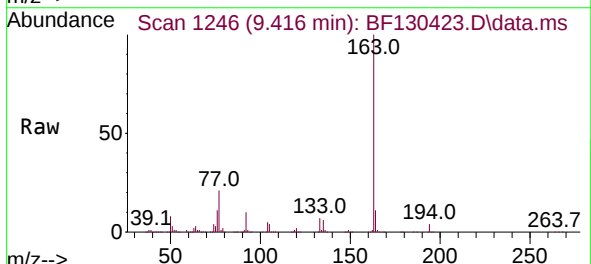
Tgt Ion:152 Resp: 1007046
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 13.2 10.6 15.8

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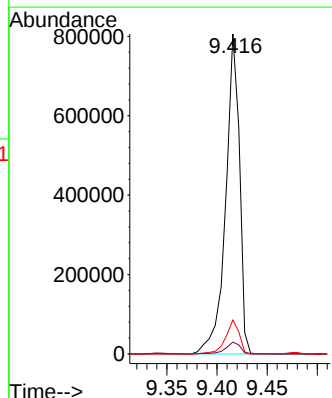
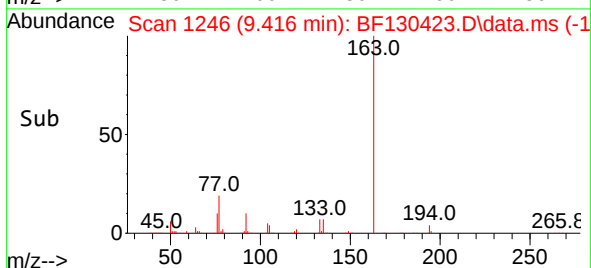
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

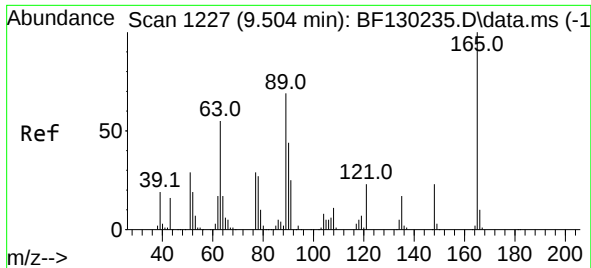


#50
Dimethylphthalate
Concen: 40.192 ng
RT: 9.416 min Scan# 1246
Delta R.T. -0.006 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52



Tgt Ion:163 Resp: 774827
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 10.6 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 43.375 ng

RT: 9.481 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

Instrument :

BNA_F

ClientSampleId :

PB147890BS

Tgt Ion:165 Resp: 174879

Ion Ratio Lower Upper

165 100

63 46.5 58.8 88.2

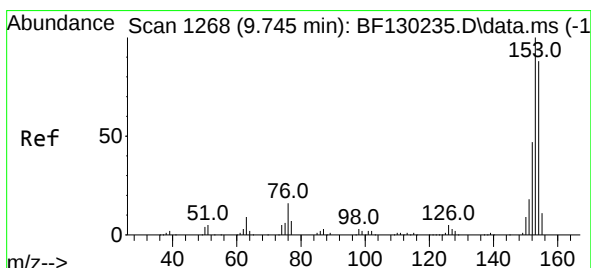
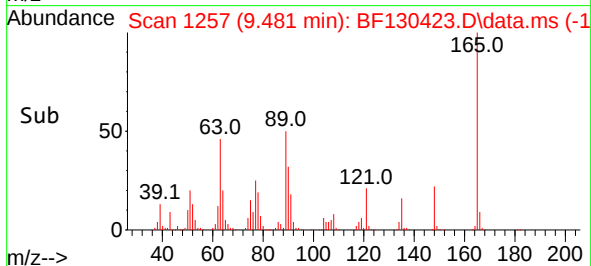
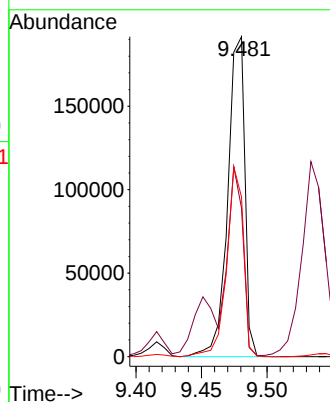
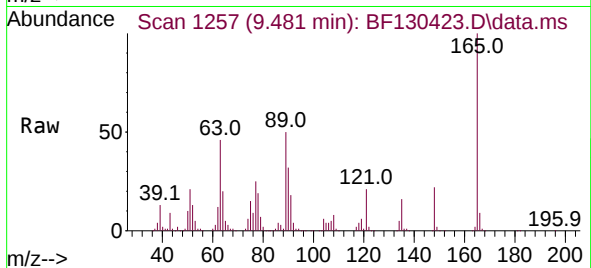
89 49.9 54.5 81.7

Manual Integrations

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Reviewed By :Christian Giraldo 09/28/2022

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#52

Acenaphthene

Concen: 44.303 ng m

RT: 9.716 min Scan# 1297

Delta R.T. -0.006 min

Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

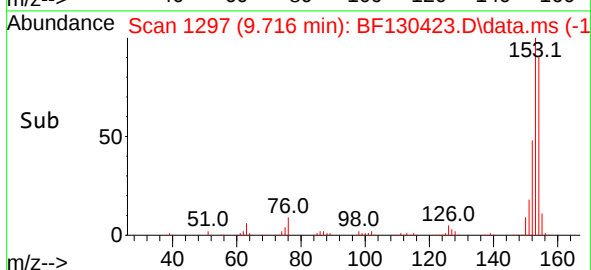
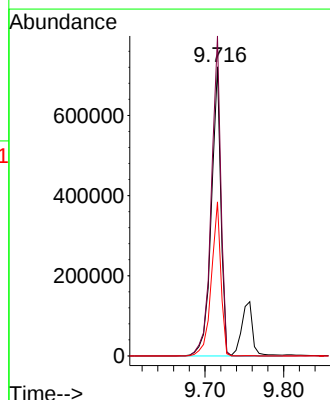
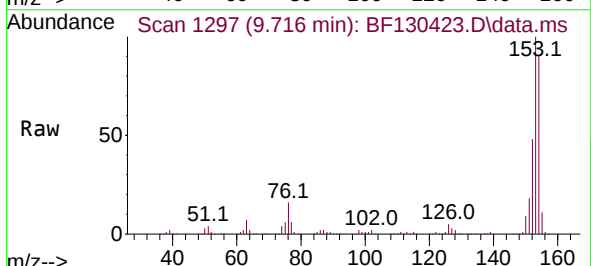
Tgt Ion:154 Resp: 735876

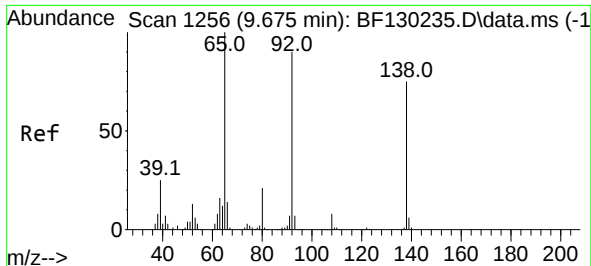
Ion Ratio Lower Upper

154 100

153 110.7 90.6 136.0

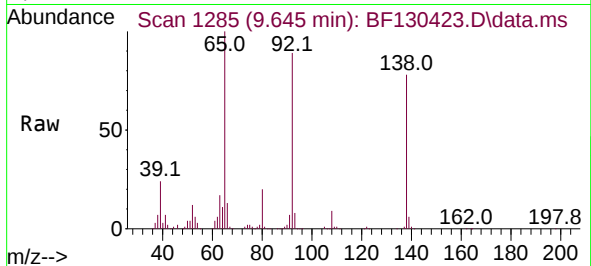
152 53.3 43.8 65.6





#53
3-Nitroaniline
Concen: 31.337 ng
RT: 9.645 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52

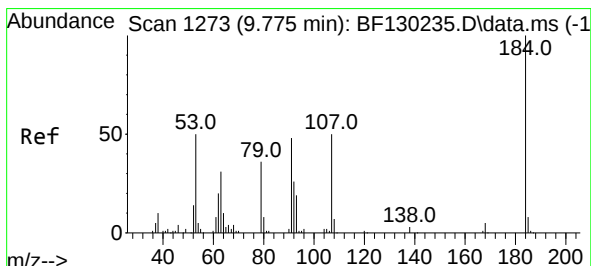
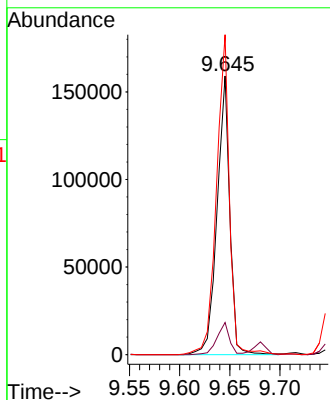
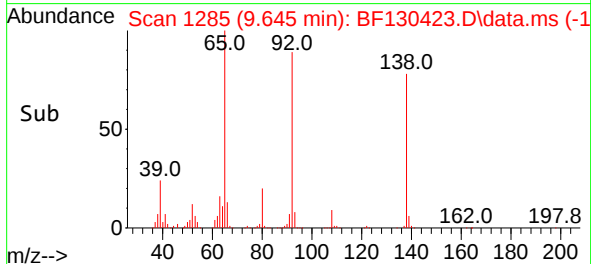
Instrument :
BNA_F
ClientSampleId :
PB147890BS



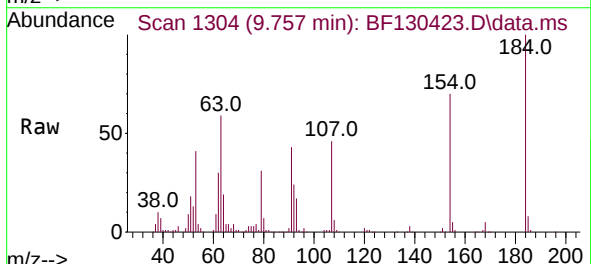
Tgt Ion:138 Resp: 140784
Ion Ratio Lower Upper
138 100
108 11.5 9.2 13.8
92 114.8 99.2 148.8

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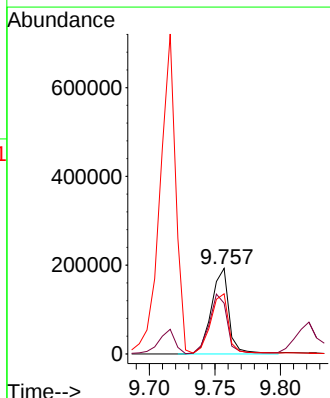
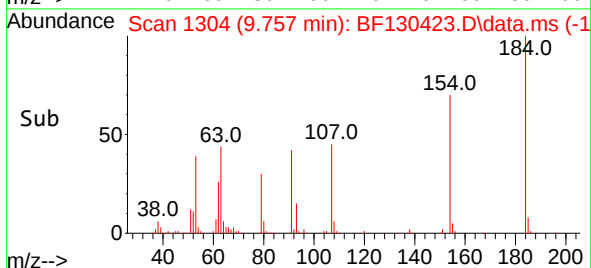
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

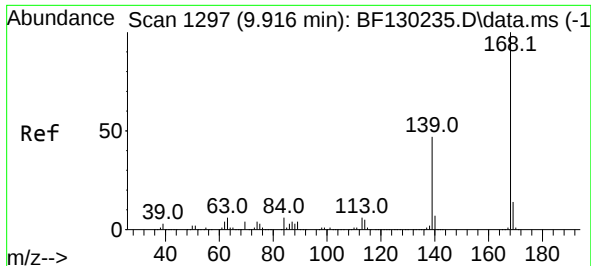


#54
2,4-Dinitrophenol
Concen: 82.152 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.000 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52



Tgt Ion:184 Resp: 180073
Ion Ratio Lower Upper
184 100
63 59.3 70.0 105.0#
154 70.2 63.0 94.6





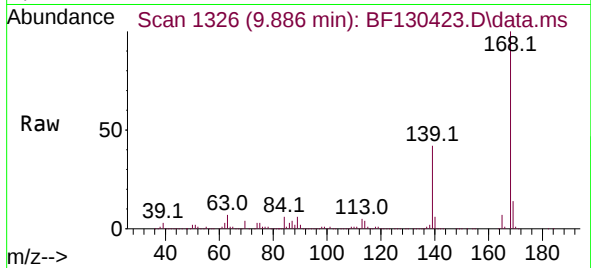
#55
Dibenzofuran
Concen: 39.877 ng
RT: 9.886 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52

Instrument :

BNA_F

ClientSampleId :

PB147890BS

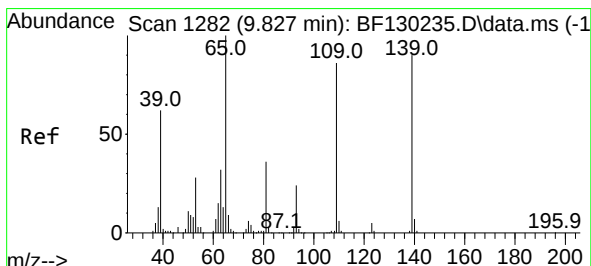
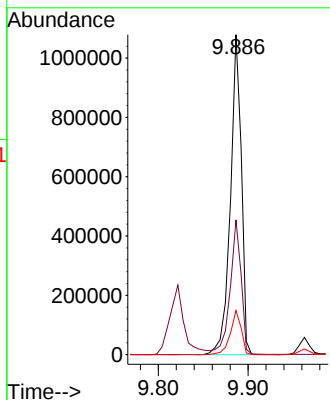
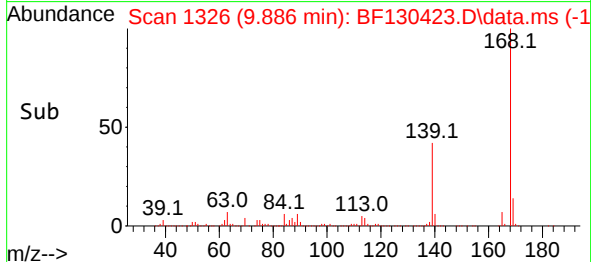


Tgt Ion:168 Resp: 921290
Ion Ratio Lower Upper
168 100
139 42.1 35.0 52.4
169 13.8 10.9 16.3

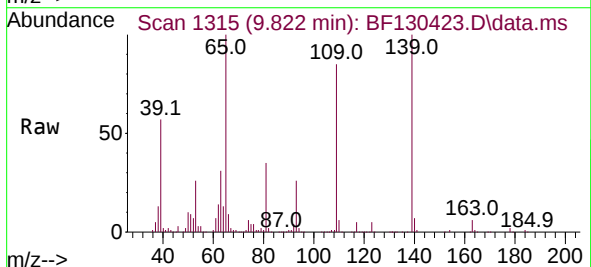
Manual Integrations

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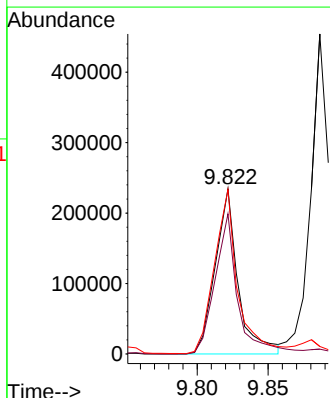
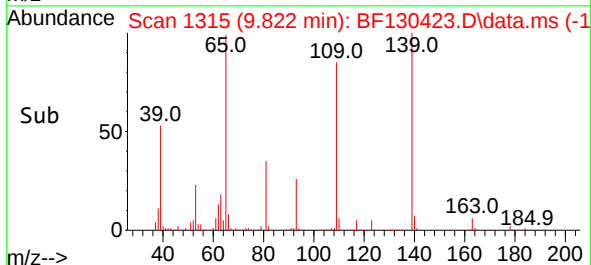
Reviewed By :Christian Giraldo 09/28/2022
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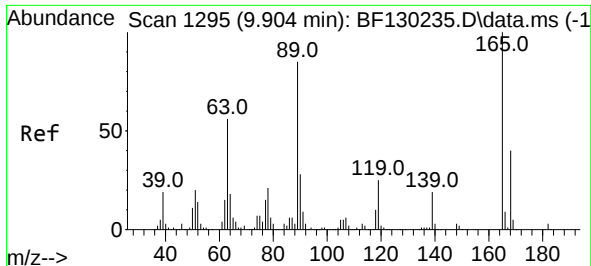


#56
4-Nitrophenol
Concen: 80.189 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52



Tgt Ion:139 Resp: 262392
Ion Ratio Lower Upper
139 100
109 84.8 72.2 112.2
65 99.6 97.7 137.7





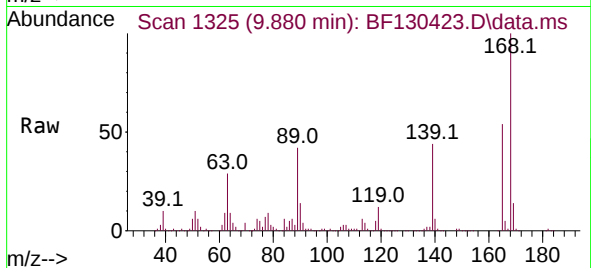
#57
2,4-Dinitrotoluene
Concen: 44.482 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52

Instrument :

BNA_F

ClientSampleId :

PB147890BS

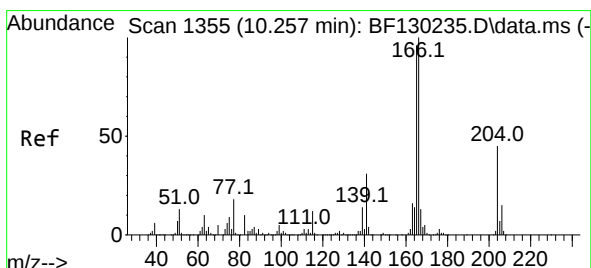
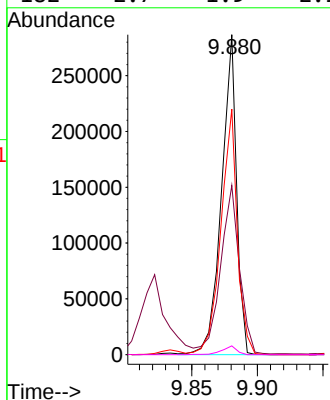
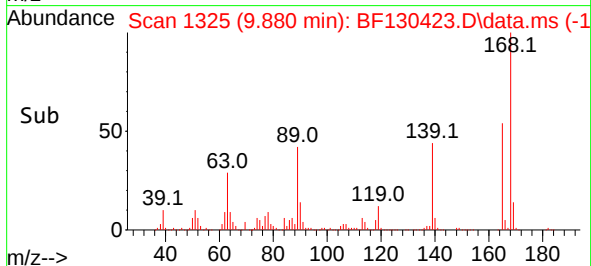


Tgt Ion:165 Resp: 229200
Ion Ratio Lower Upper
165 100
63 52.9 44.7 67.1
89 76.7 69.0 103.4
182 2.7 1.9 2.9

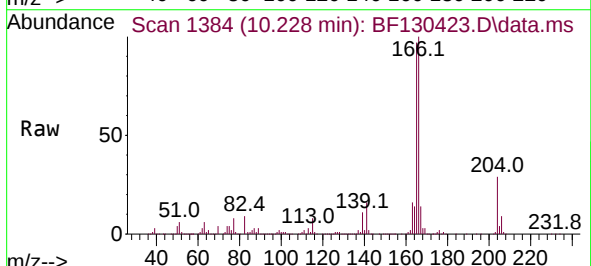
Manual Integrations

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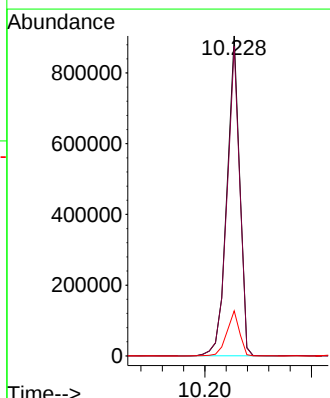
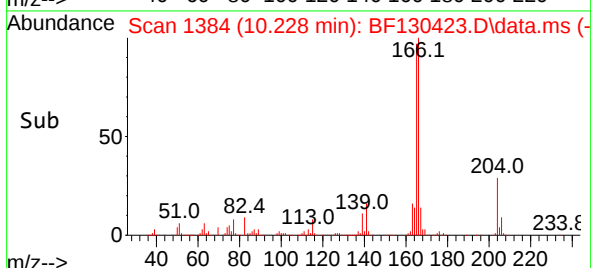
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

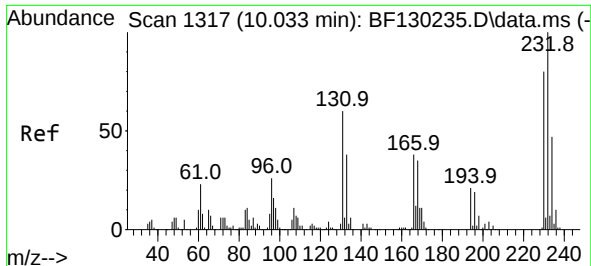


#58
Fluorene
Concen: 39.724 ng
RT: 10.228 min Scan# 1384
Delta R.T. -0.012 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52



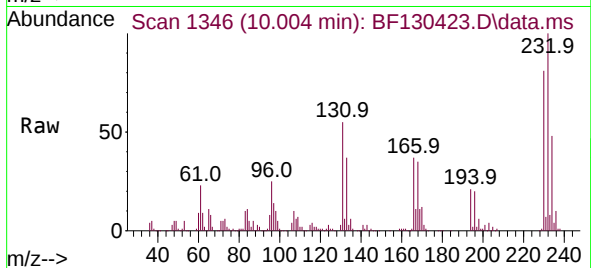
Tgt Ion:166 Resp: 750564
Ion Ratio Lower Upper
166 100
165 96.7 78.8 118.2
167 14.1 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.621 ng
RT: 10.004 min Scan# 1317
Delta R.T. -0.012 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52

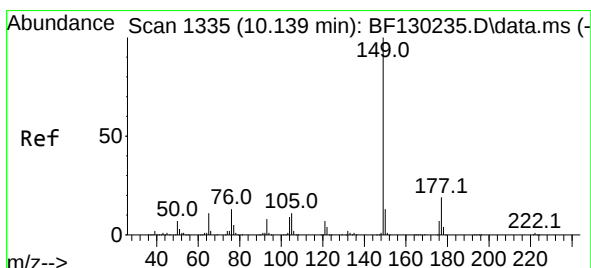
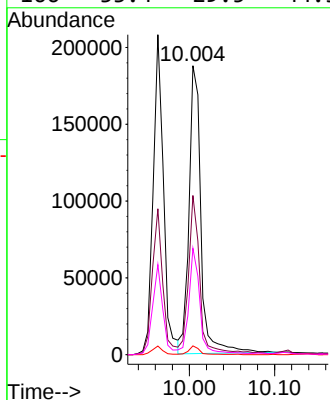
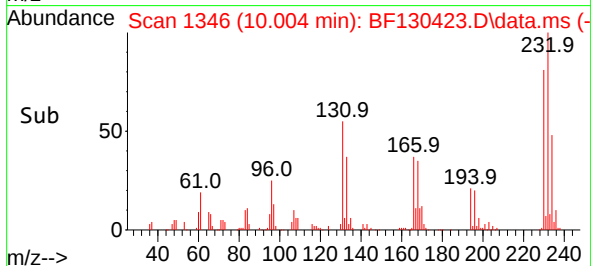
Instrument :
BNA_F
ClientSampleId :
PB147890BS



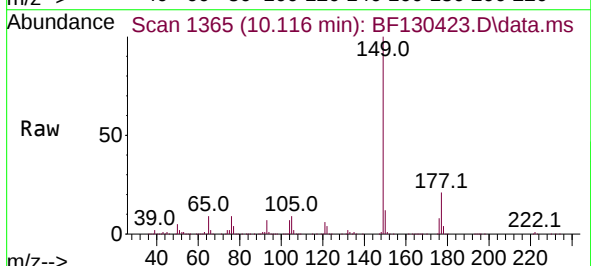
Tgt Ion:232 Resp: 182378
Ion Ratio Lower Upper
232 100
131 51.8 46.4 69.6
130 2.8 2.3 3.5
166 33.4 29.5 44.3

Manual Integrations
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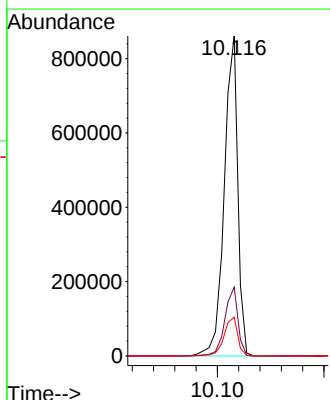
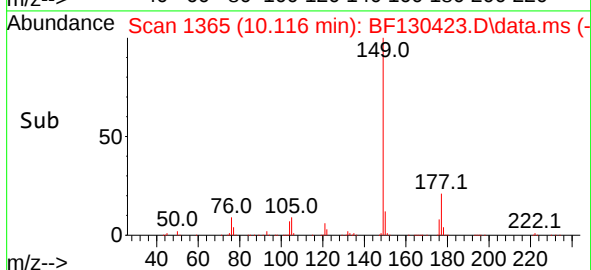
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

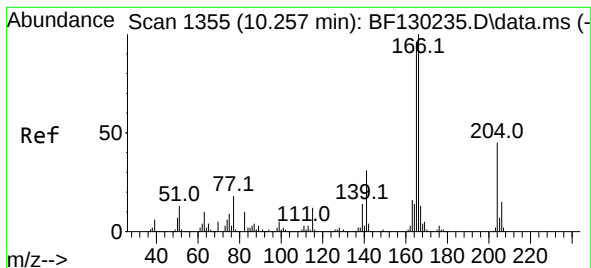


#60
Diethylphthalate
Concen: 39.238 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.000 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52



Tgt Ion:149 Resp: 758554
Ion Ratio Lower Upper
149 100
177 21.5 16.1 24.1
150 12.1 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 42.218 ng
RT: 10.222 min Scan# 1383
Delta R.T. -0.012 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52

Instrument :

BNA_F

ClientSampleId :

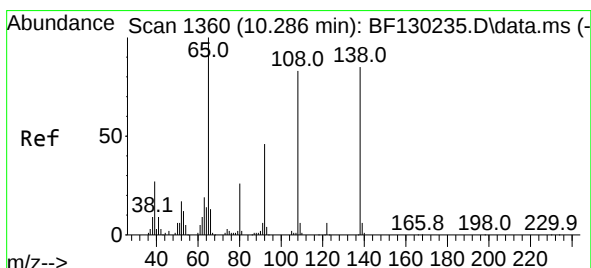
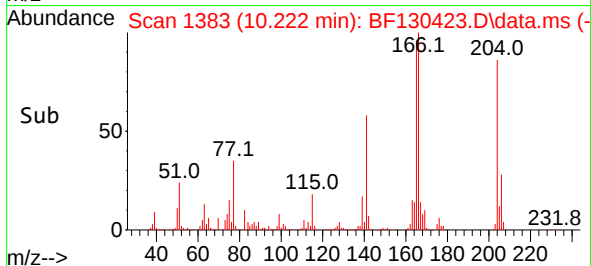
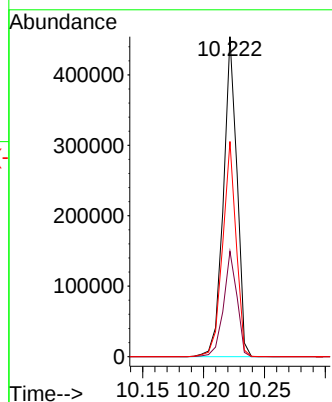
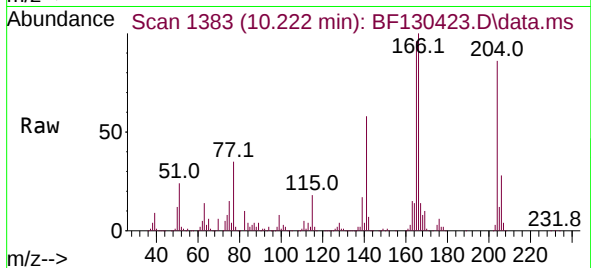
PB147890BS

Tgt Ion:204 Resp: 349933
Ion Ratio Lower Upper
204 100
206 32.9 26.6 39.8
141 67.2 57.1 85.7

Manual Integrations

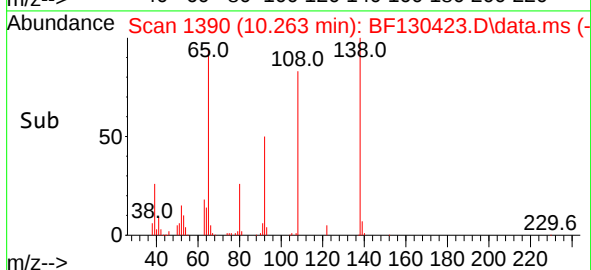
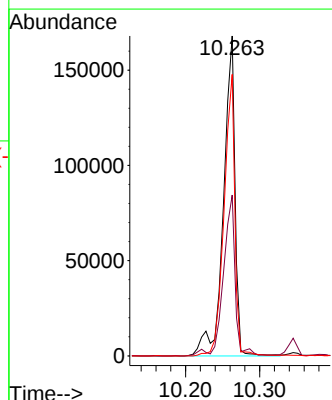
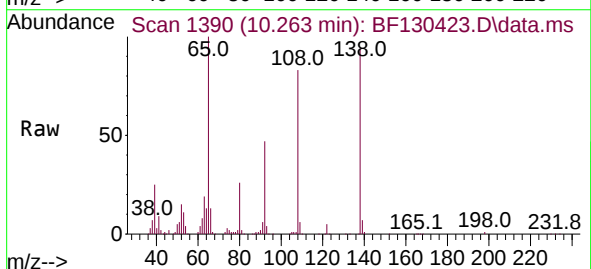
APPROVED

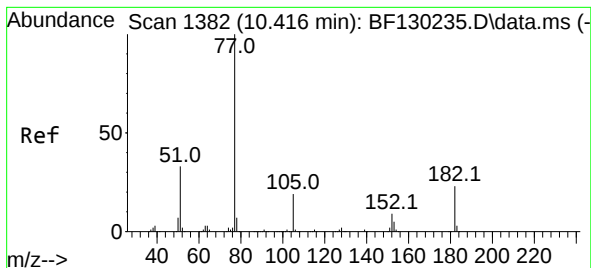
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#62
4-Nitroaniline
Concen: 40.252 ng
RT: 10.263 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52

Tgt Ion:138 Resp: 181660
Ion Ratio Lower Upper
138 100
92 50.3 36.7 76.7
108 88.0 78.2 118.2





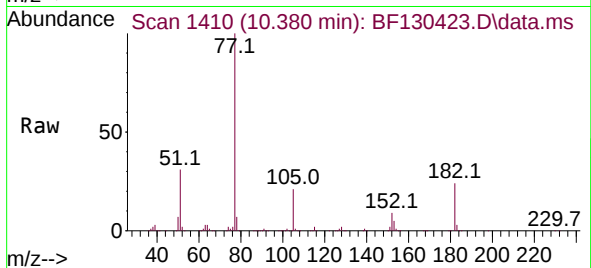
#63
Azobenzene
Concen: 34.782 ng
RT: 10.380 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52

Instrument :

BNA_F

ClientSampleId :

PB147890BS

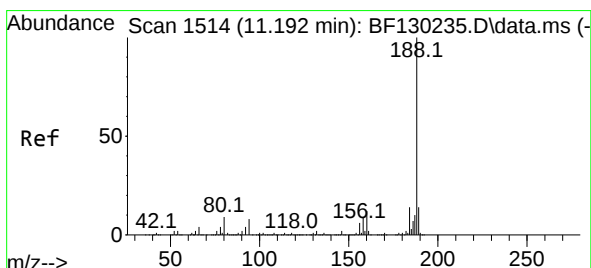
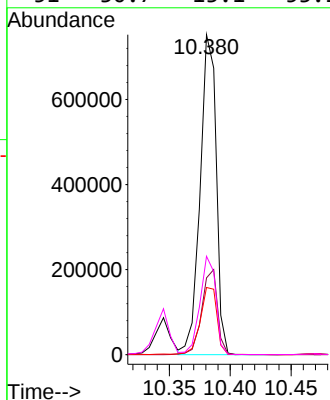
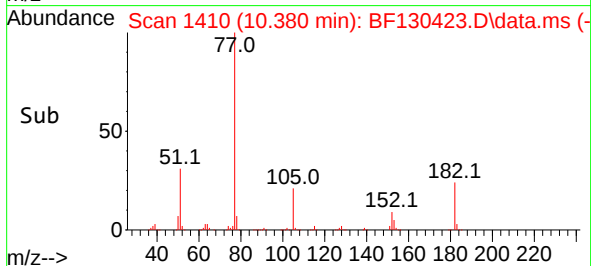


Tgt Ion: 77 Resp: 692396
Ion Ratio Lower Upper
77 100
182 24.0 2.1 42.1
105 21.0 0.0 39.4
51 30.7 13.1 53.1

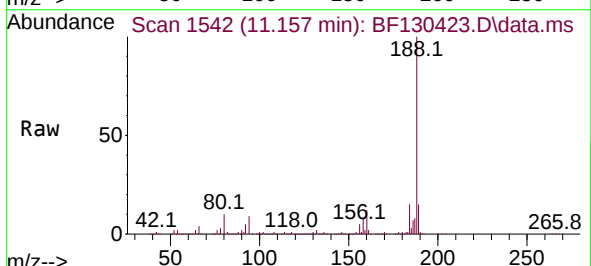
Manual Integrations

APPROVED

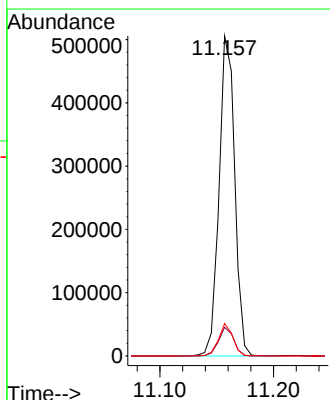
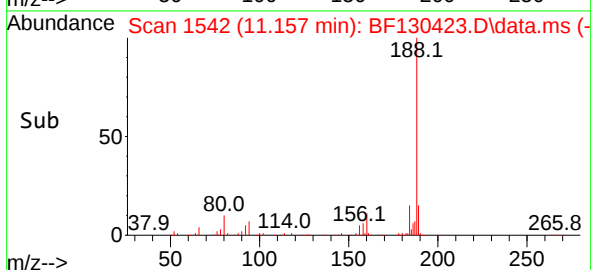
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

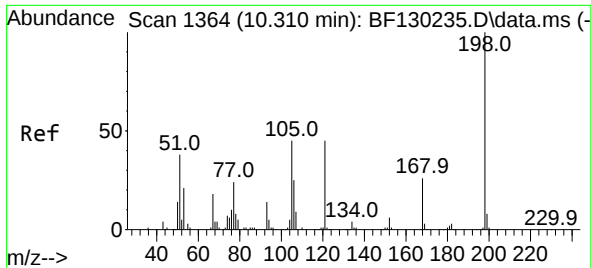


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.157 min Scan# 1542
Delta R.T. -0.012 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52



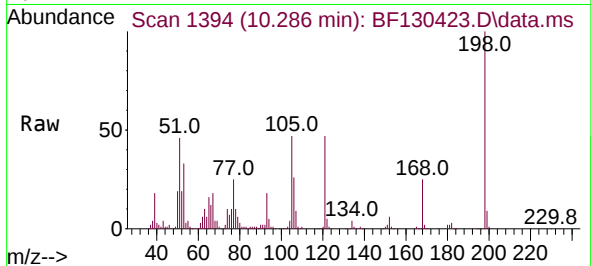
Tgt Ion:188 Resp: 482481
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.2
80 10.1 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 43.838 ng
RT: 10.286 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52

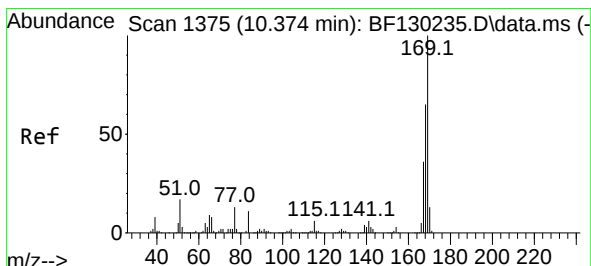
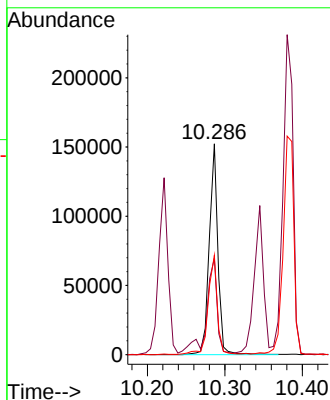
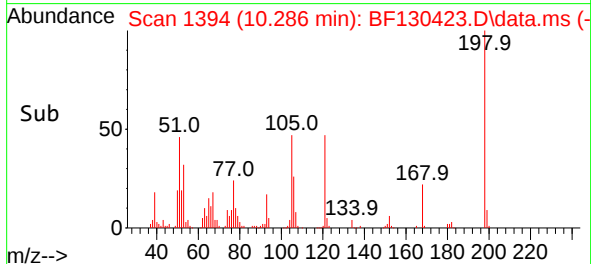
Instrument :
BNA_F
ClientSampleId :
PB147890BS



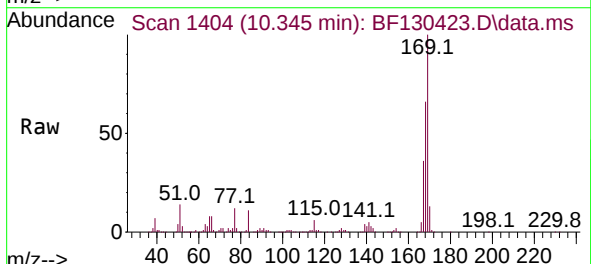
Tgt Ion:198 Resp: 117742
Ion Ratio Lower Upper
198 100
51 45.7 36.9 76.9
105 47.1 33.0 73.0

Manual Integrations
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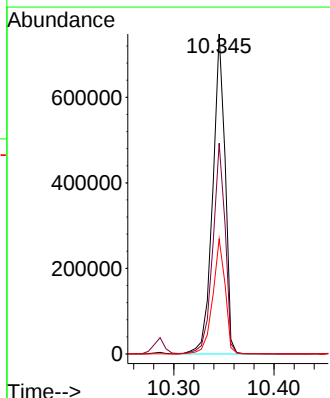
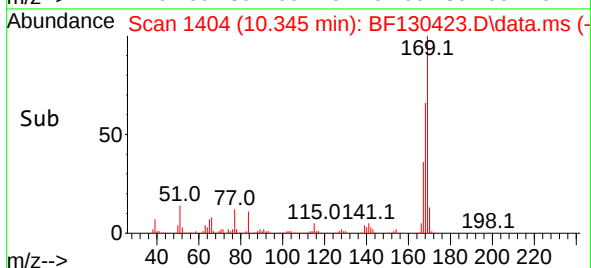
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

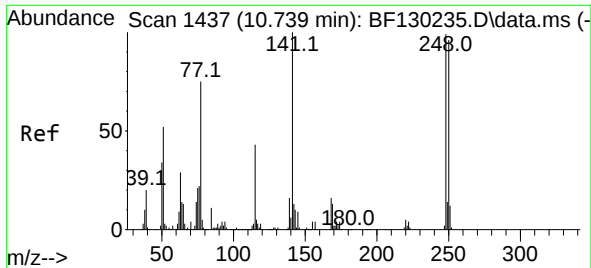


#66
n-Nitrosodiphenylamine
Concen: 39.733 ng
RT: 10.345 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52



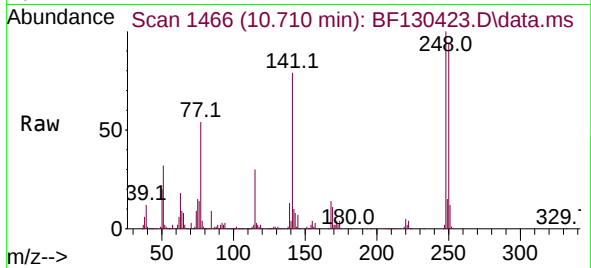
Tgt Ion:169 Resp: 640608
Ion Ratio Lower Upper
169 100
168 65.8 53.2 79.8
167 35.9 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 42.236 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.012 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52

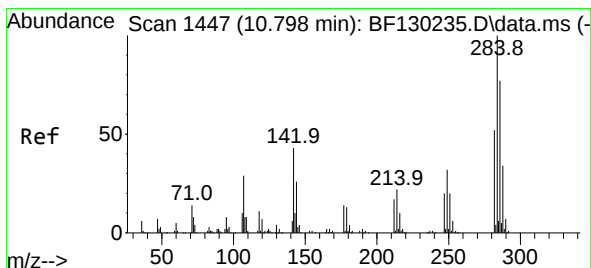
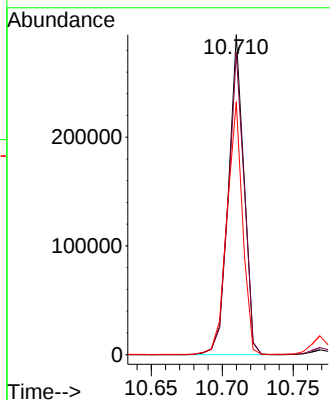
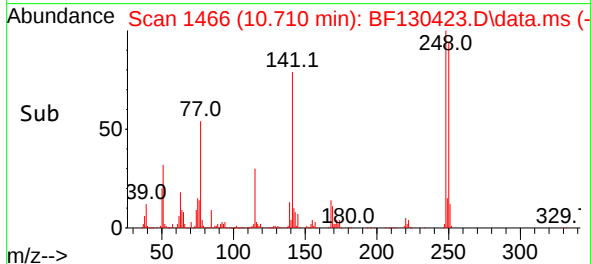
Instrument :
BNA_F
ClientSampleId :
PB147890BS



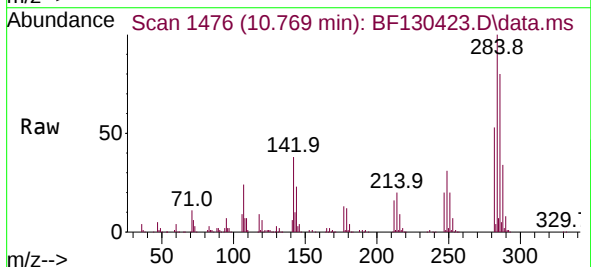
Tgt Ion:248 Resp: 224803
Ion Ratio Lower Upper
248 100
250 94.3 80.0 120.0
141 79.0 68.5 102.7

Manual Integrations
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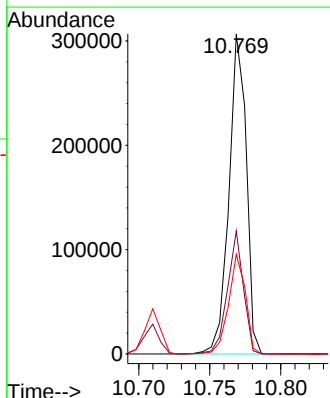
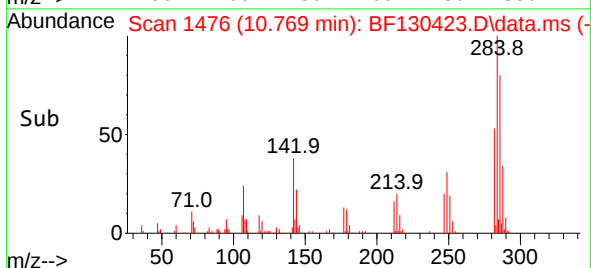
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

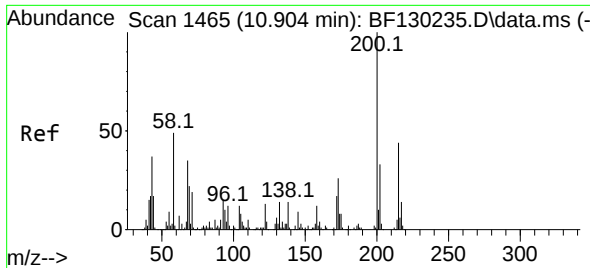


#68
Hexachlorobenzene
Concen: 43.161 ng
RT: 10.769 min Scan# 1476
Delta R.T. -0.012 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52



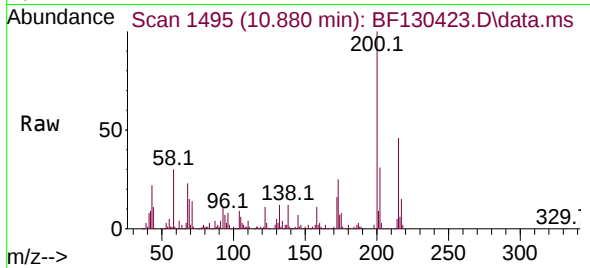
Tgt Ion:284 Resp: 260409
Ion Ratio Lower Upper
284 100
142 38.4 27.2 40.8
249 31.1 23.8 35.8





#69
 Atrazine
 Concen: 44.963 ng
 RT: 10.880 min Scan# 1465
 Delta R.T. -0.000 min
 Lab File: BF130423.D
 Acq: 27 Sep 2022 13:52

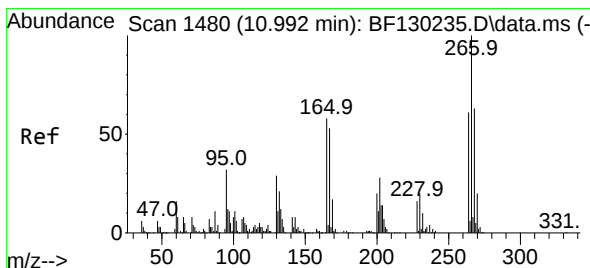
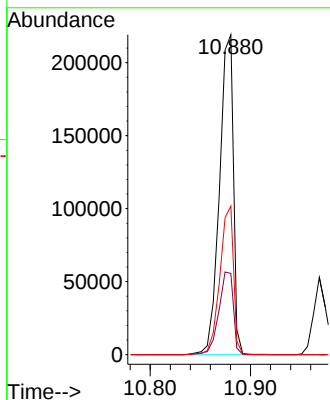
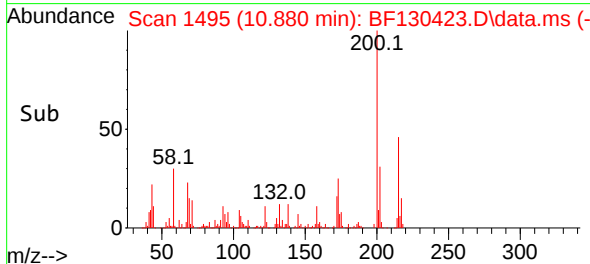
Instrument :
 BNA_F
 ClientSampleId :
 PB147890BS



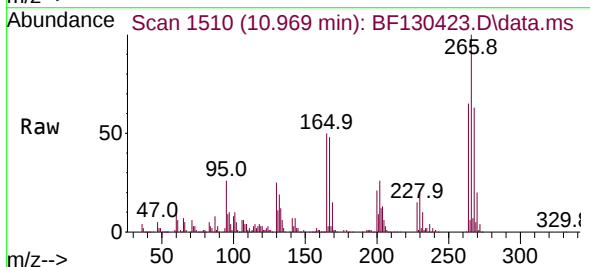
Tgt Ion:200 Resp: 211853
 Ion Ratio Lower Upper
 200 100
 173 25.4 6.2 46.2
 215 46.4 22.5 62.5

Manual Integrations
 APPROVED

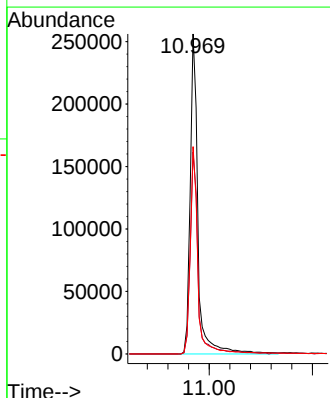
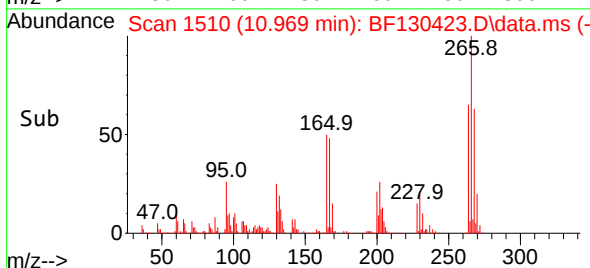
Reviewed By :Christian Giraldo 09/28/2022
 Supervised By :Jagrut Upadhyay 09/28/2022

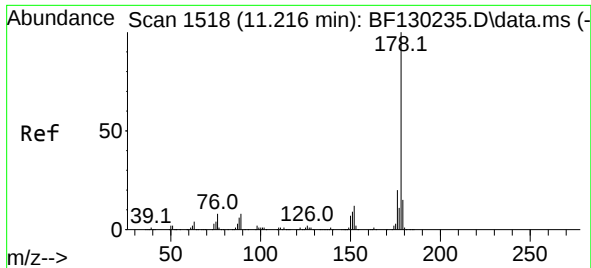


#70
 Pentachlorophenol
 Concen: 82.524 ng
 RT: 10.969 min Scan# 1510
 Delta R.T. -0.012 min
 Lab File: BF130423.D
 Acq: 27 Sep 2022 13:52



Tgt Ion:266 Resp: 267221
 Ion Ratio Lower Upper
 266 100
 268 63.1 50.5 75.7
 264 64.8 50.5 75.7





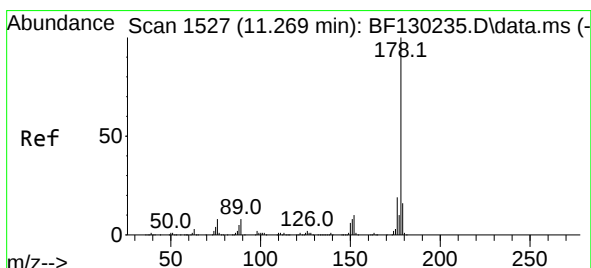
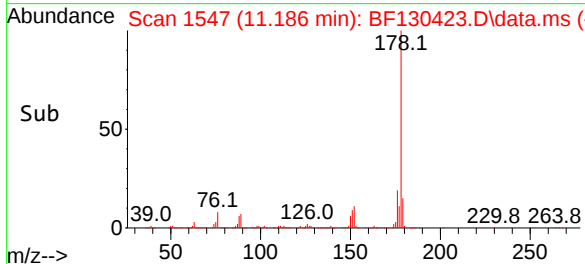
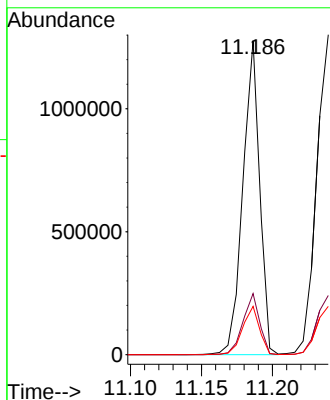
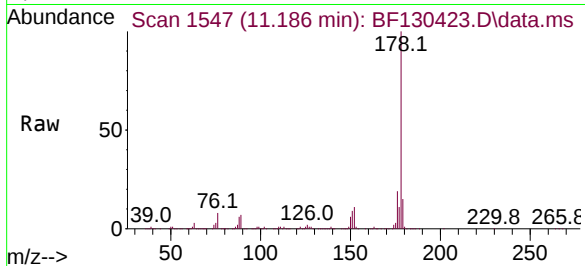
#71
Phenanthrene
Concen: 38.779 ng
RT: 11.186 min Scan# 1547
Delta R.T. -0.012 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52

Instrument :
BNA_F
ClientSampleId :
PB147890BS

Tgt Ion:178 Resp: 1050470
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.4 12.4 18.6

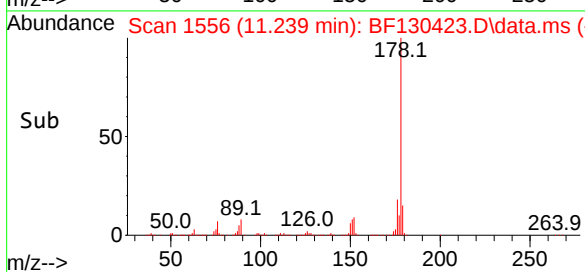
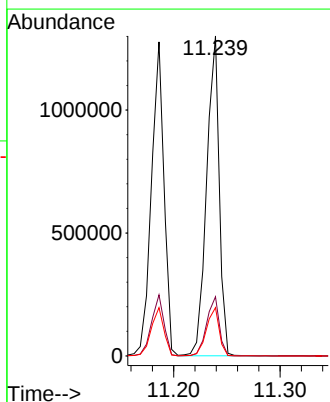
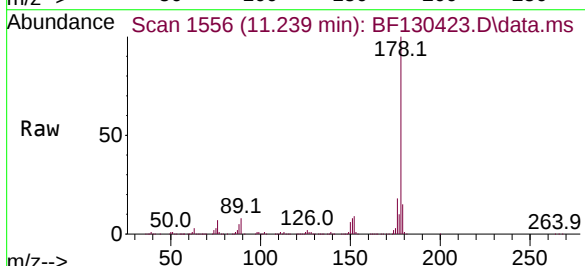
Manual Integrations
APPROVED

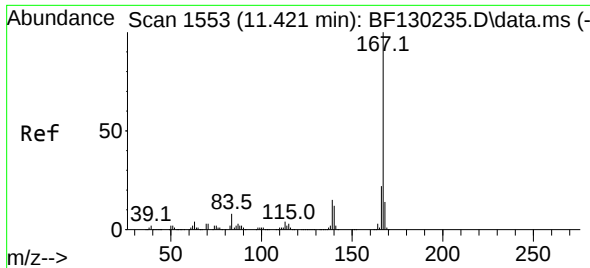
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#72
Anthracene
Concen: 40.905 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52

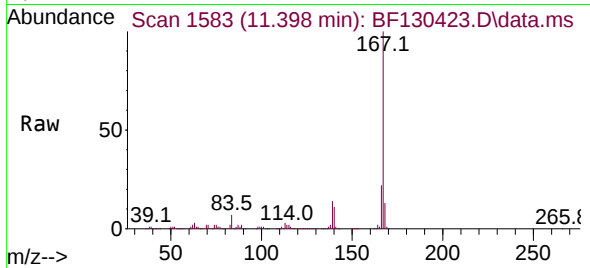
Tgt Ion:178 Resp: 1069295
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.1 12.7 19.1





#73
 Carbazole
 Concen: 40.723 ng
 RT: 11.398 min Scan# 1639
 Delta R.T. -0.006 min
 Lab File: BF130423.D
 Acq: 27 Sep 2022 13:52

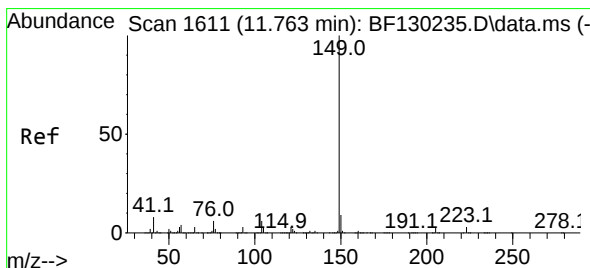
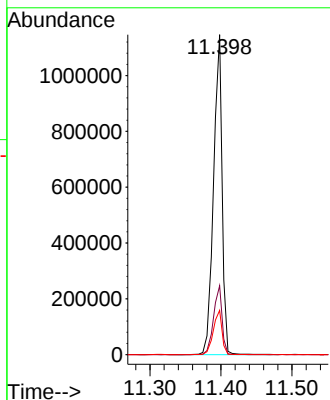
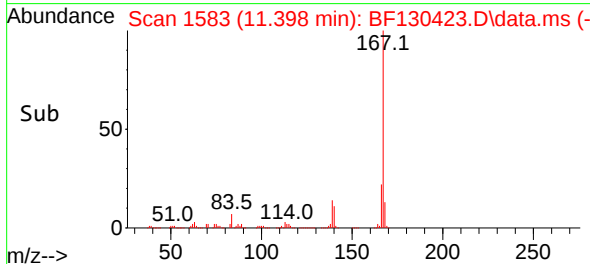
Instrument :
 BNA_F
 ClientSampleId :
 PB147890BS



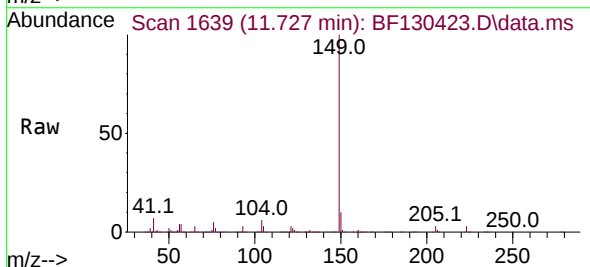
Tgt Ion:167 Resp: 960725
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.2
 139 13.8 11.6 17.4

Manual Integrations
 APPROVED

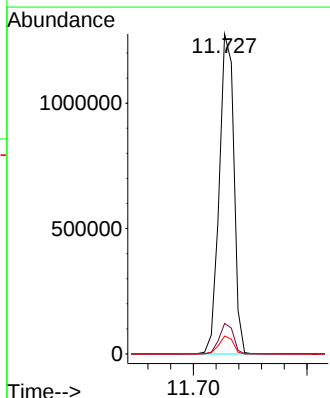
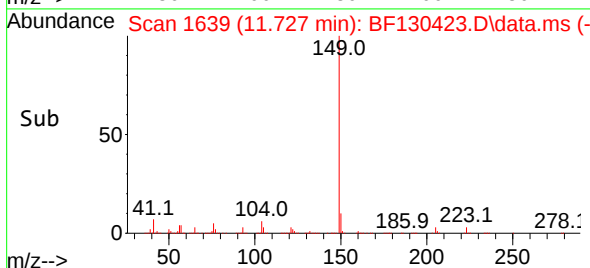
Reviewed By :Christian Giraldo 09/28/2022
 Supervised By :Jagrut Upadhyay 09/28/2022

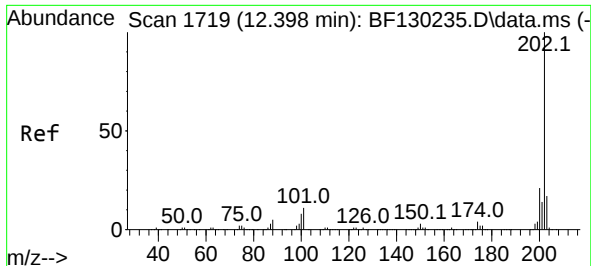


#74
 Di-n-butylphthalate
 Concen: 40.034 ng
 RT: 11.727 min Scan# 1639
 Delta R.T. -0.012 min
 Lab File: BF130423.D
 Acq: 27 Sep 2022 13:52



Tgt Ion:149 Resp: 1138924
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.2
 104 5.6 4.8 7.2





#75
Fluoranthene
Concen: 40.187 ng
RT: 12.369 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52

Instrument :

BNA_F

ClientSampleId :

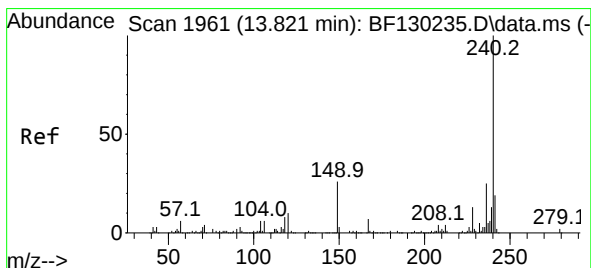
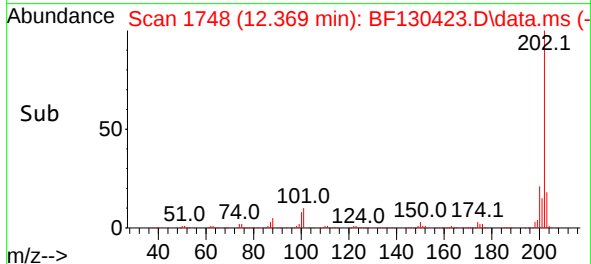
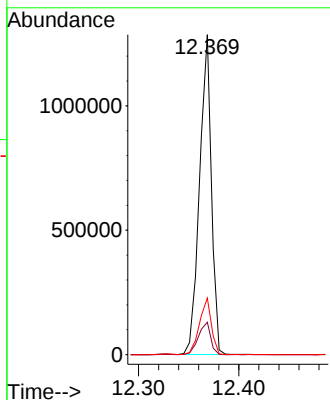
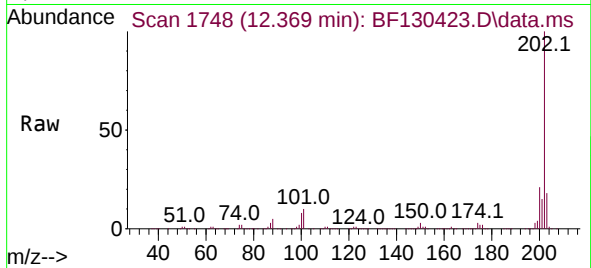
PB147890BS

Tgt Ion:202 Resp: 1051909
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.8
203 17.7 0.0 37.8

Manual Integrations

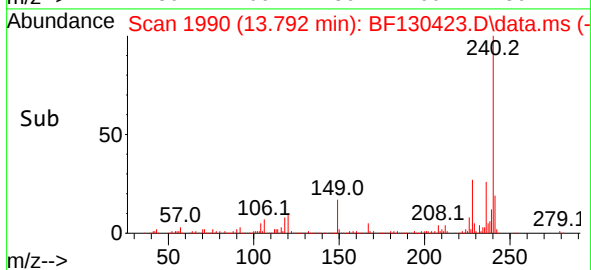
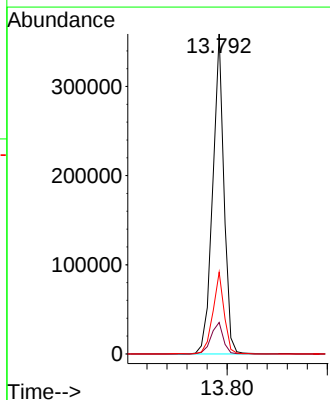
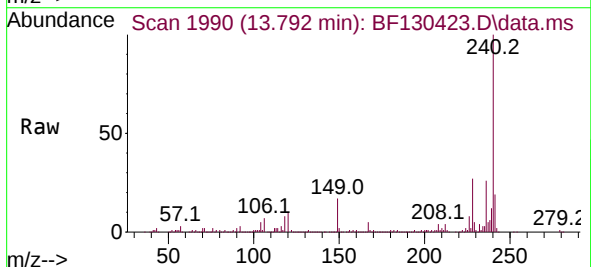
APPROVED

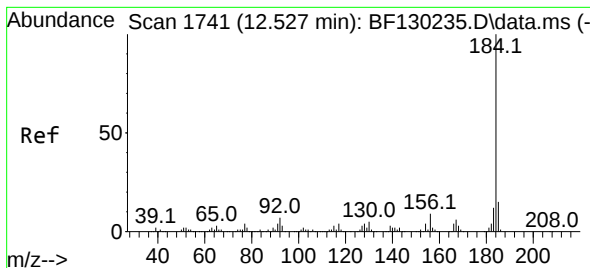
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.792 min Scan# 1990
Delta R.T. -0.012 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52

Tgt Ion:240 Resp: 279283
Ion Ratio Lower Upper
240 100
120 9.8 8.7 13.1
236 25.5 20.9 31.3





#77

Benzidine

Concen: 79.863 ng

RT: 12.504 min Scan# 1771

Delta R.T. -0.006 min

Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

Instrument :

BNA_F

ClientSampleId :

PB147890BS

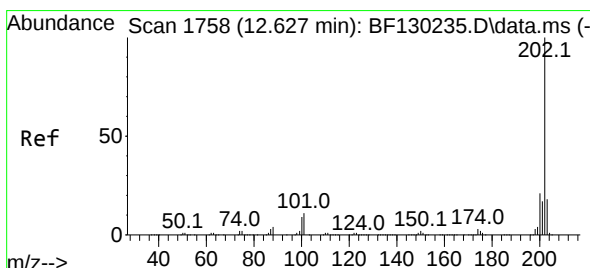
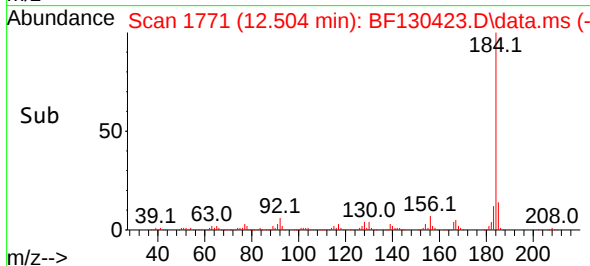
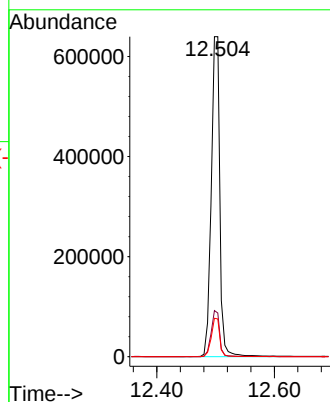
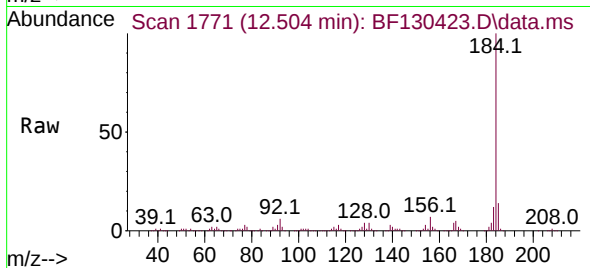
Tgt Ion:184	Resp: 647478
Ion Ratio	Lower Upper
184	100
185	13.6 11.8 17.6
183	11.8 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/28/2022

Supervised By :Jagrut Upadhyay 09/28/2022



#78

Pyrene

Concen: 42.456 ng

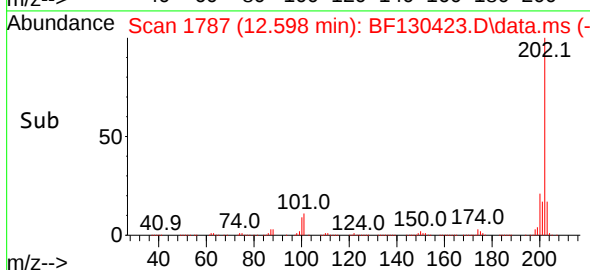
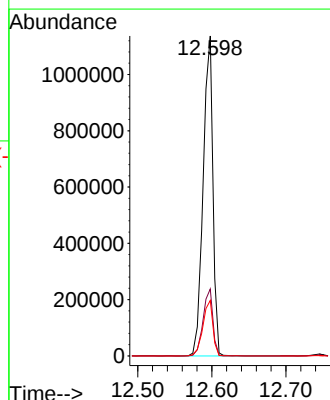
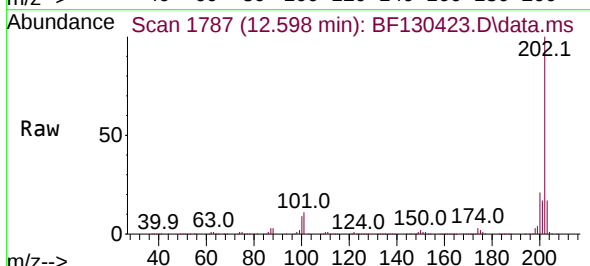
RT: 12.598 min Scan# 1787

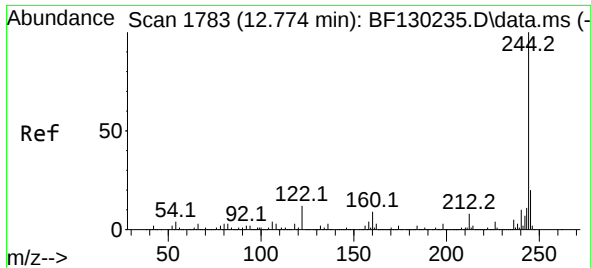
Delta R.T. -0.012 min

Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

Tgt Ion:202	Resp: 1037268
Ion Ratio	Lower Upper
202	100
200	20.9 17.2 25.8
203	17.4 14.3 21.5





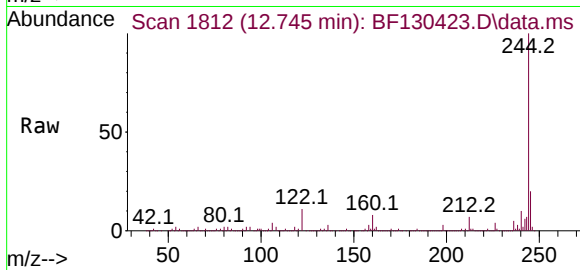
#79
 Terphenyl-d14
 Concen: 94.504 ng
 RT: 12.745 min Scan# 1812
 Delta R.T. -0.012 min
 Lab File: BF130423.D
 Acq: 27 Sep 2022 13:52

Instrument :

BNA_F

ClientSampleId :

PB147890BS

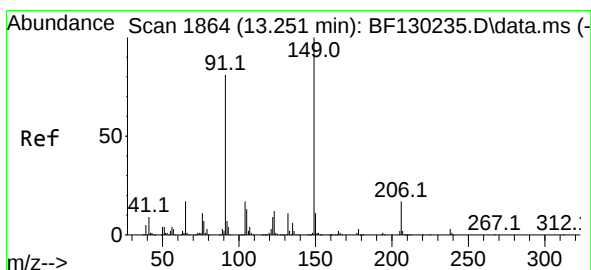
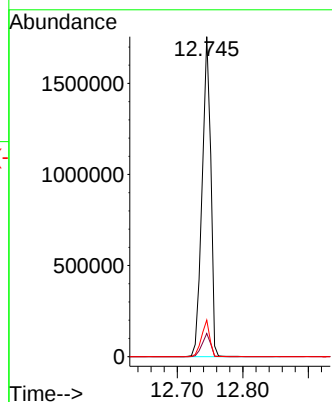
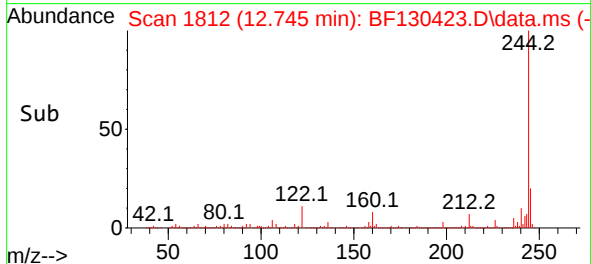


Tgt Ion:244 Resp: 1593335
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 11.5 8.5 12.7

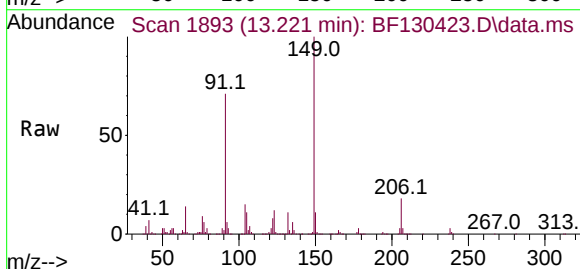
Manual Integrations

APPROVED

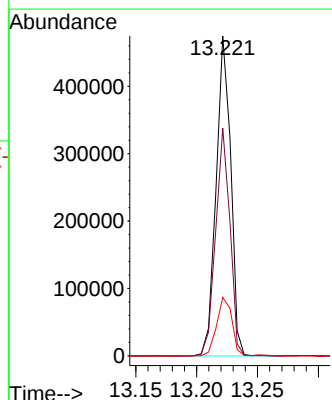
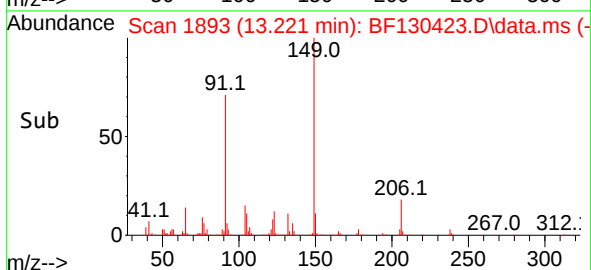
Reviewed By :Christian Giraldo 09/28/2022
 Supervised By :Jagrut Upadhyay 09/28/2022

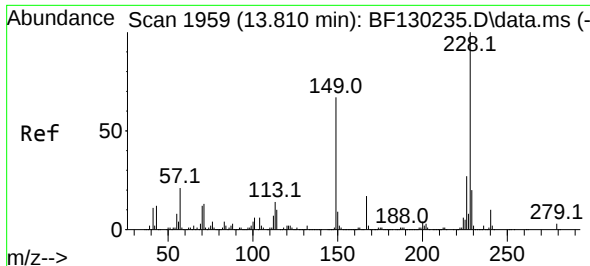


#80
 Butylbenzylphthalate
 Concen: 43.593 ng
 RT: 13.221 min Scan# 1893
 Delta R.T. -0.018 min
 Lab File: BF130423.D
 Acq: 27 Sep 2022 13:52



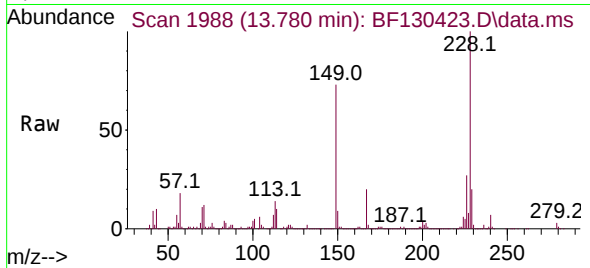
Tgt Ion:149 Resp: 394561
 Ion Ratio Lower Upper
 149 100
 91 71.2 59.8 89.8
 206 18.3 13.9 20.9





#81
Benzo(a)anthracene
Concen: 41.227 ng
RT: 13.780 min Scan# 1959
Delta R.T. -0.012 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52

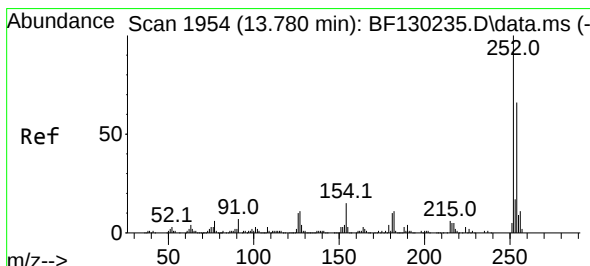
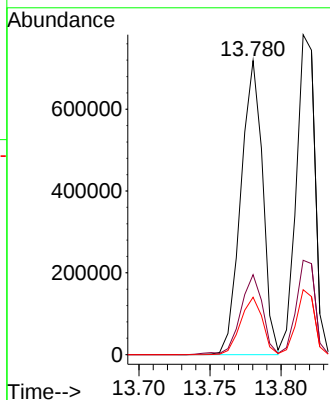
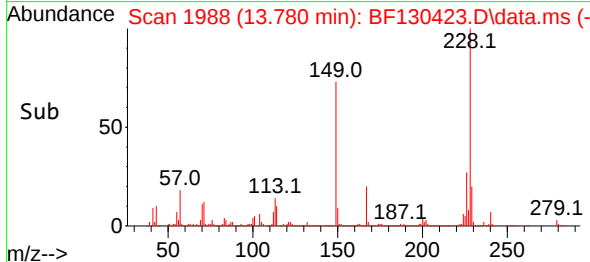
Instrument :
BNA_F
ClientSampleId :
PB147890BS



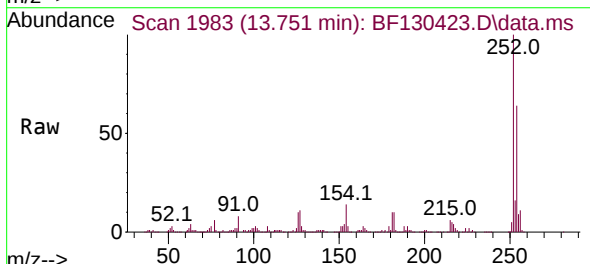
Tgt Ion:228 Resp: 76597
Ion Ratio Lower Upper
228 100
226 27.2 21.9 32.9
229 19.5 16.1 24.1

Manual Integrations
APPROVED

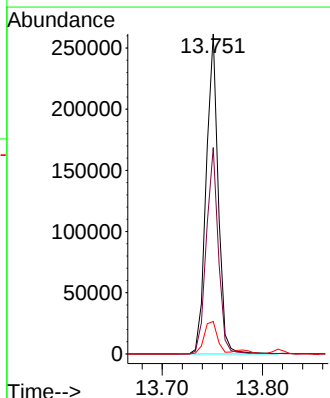
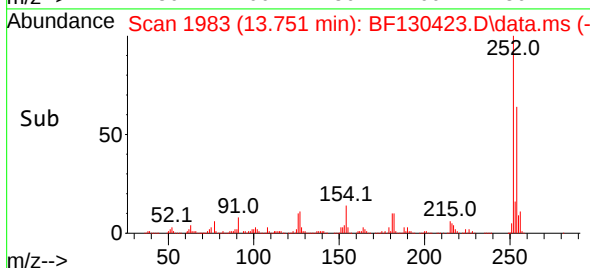
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

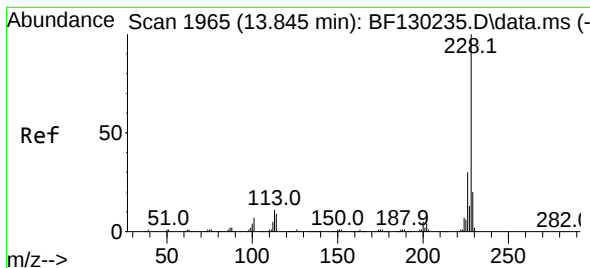


#82
3,3'-Dichlorobenzidine
Concen: 42.869 ng
RT: 13.751 min Scan# 1983
Delta R.T. -0.012 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52



Tgt Ion:252 Resp: 216811
Ion Ratio Lower Upper
252 100
254 64.5 51.1 76.7
126 10.2 10.4 15.6





#83

Chrysene

Concen: 40.854 ng

RT: 13.816 min Scan# 1965

Delta R.T. -0.018 min

Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

Instrument :

BNA_F

ClientSampleId :

PB147890BS

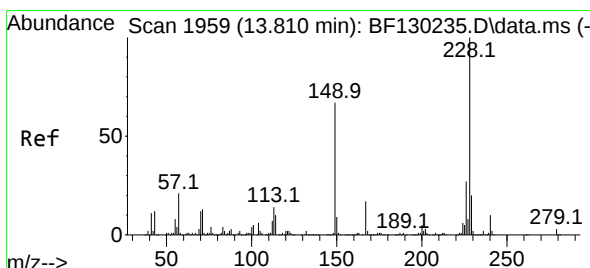
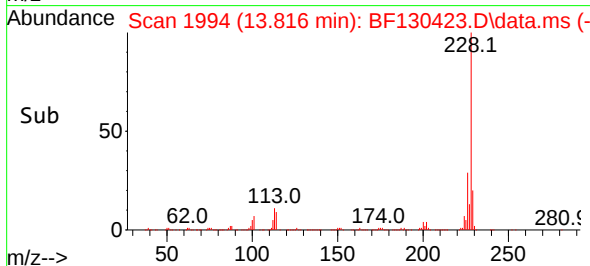
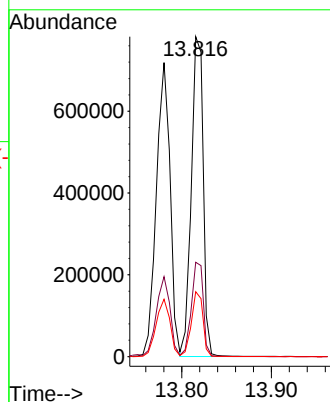
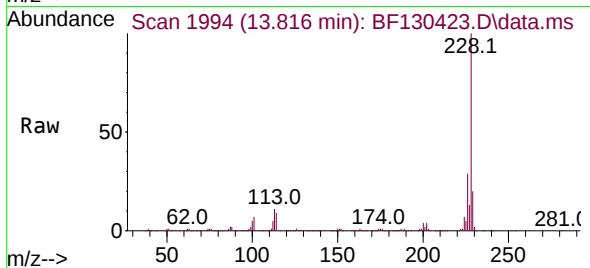
Tgt Ion:	228	Resp:	720699
Ion Ratio	Lower	Upper	
228	100		
226	29.5	23.8	35.8
229	20.3	15.3	22.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/28/2022

Supervised By :Jagrut Upadhyay 09/28/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.517 ng

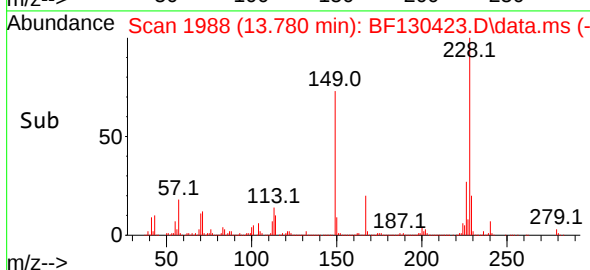
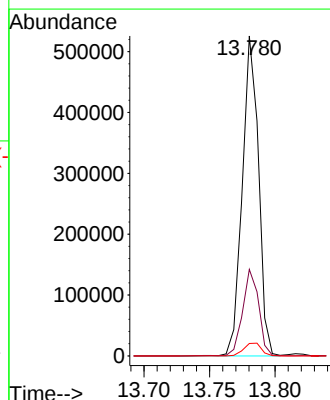
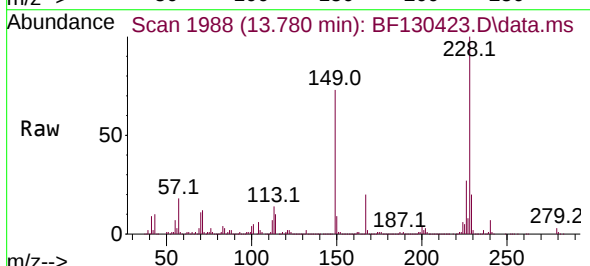
RT: 13.780 min Scan# 1988

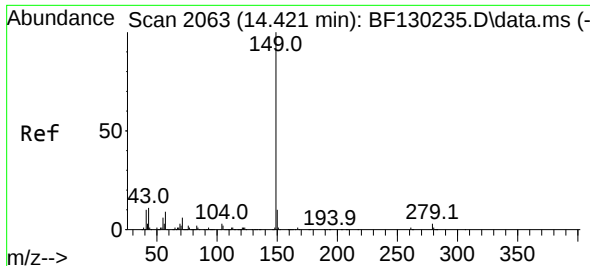
Delta R.T. -0.018 min

Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

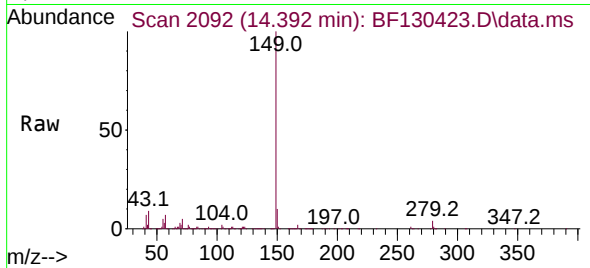
Tgt Ion:	149	Resp:	451151
Ion Ratio	Lower	Upper	
149	100		
167	27.0	20.5	30.7
279	3.9	2.9	4.3





#85
Di-n-octyl phthalate
Concen: 41.503 ng
RT: 14.392 min Scan# 2063
Delta R.T. -0.018 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52

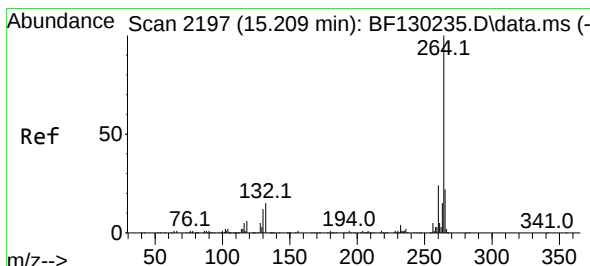
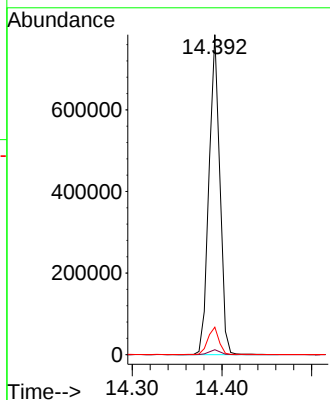
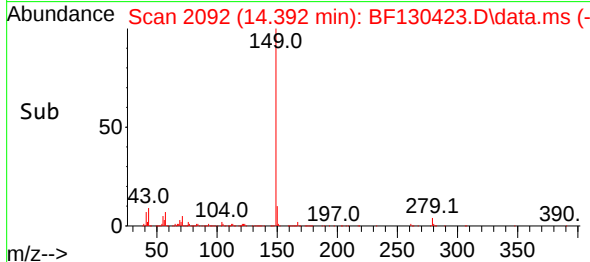
Instrument :
BNA_F
ClientSampleId :
PB147890BS



Tgt Ion:149 Resp: 658106
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.8 8.7 13.1

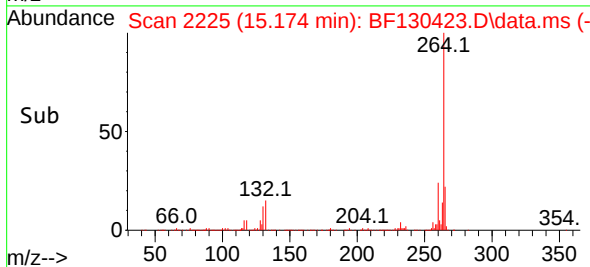
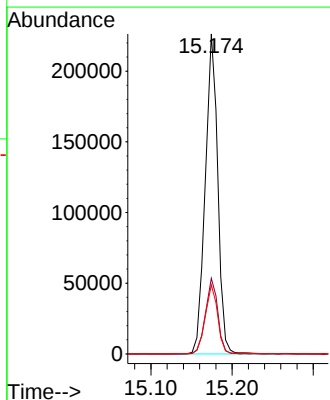
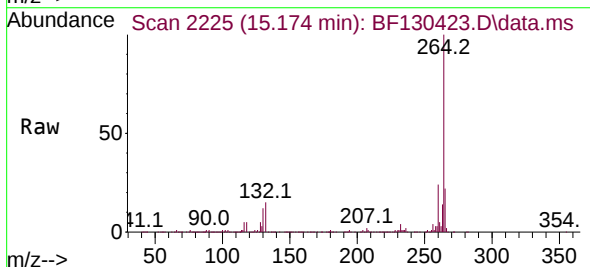
Manual Integrations
APPROVED

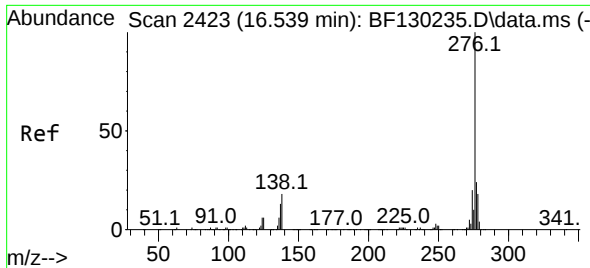
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.174 min Scan# 2225
Delta R.T. -0.018 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52

Tgt Ion:264 Resp: 242667
Ion Ratio Lower Upper
264 100
260 23.7 19.3 28.9
265 21.6 17.0 25.4





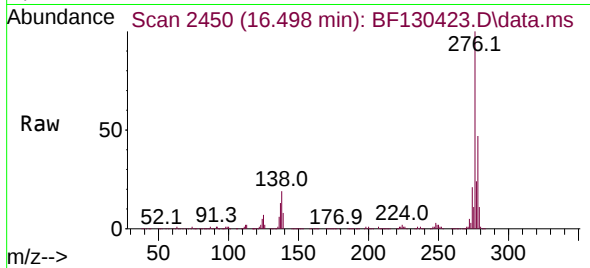
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.916 ng
 RT: 16.498 min Scan# 2423
 Delta R.T. -0.029 min
 Lab File: BF130423.D
 Acq: 27 Sep 2022 13:52

Instrument :

BNA_F

ClientSampleId :

PB147890BS

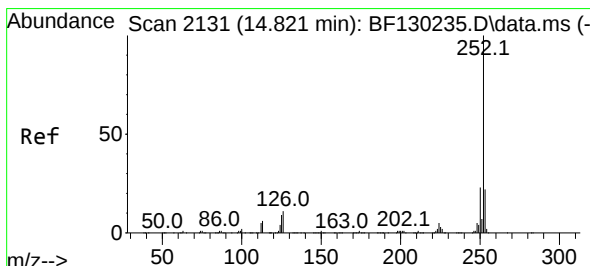
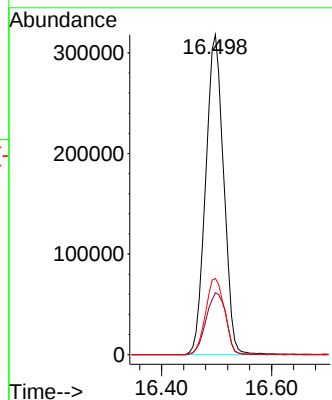
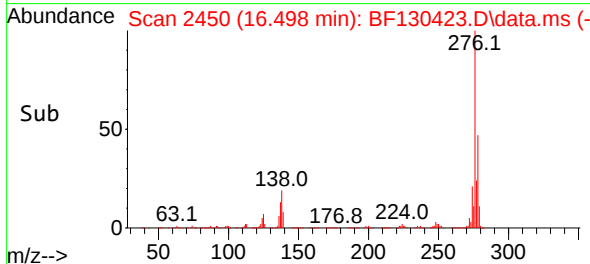


Tgt Ion:276 Resp: 721308
 Ion Ratio Lower Upper
 276 100
 138 21.4 18.5 27.7
 277 25.1 20.2 30.4

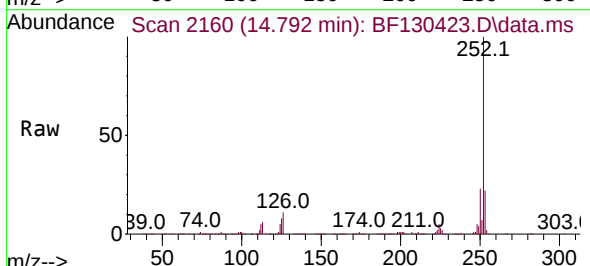
Manual Integrations

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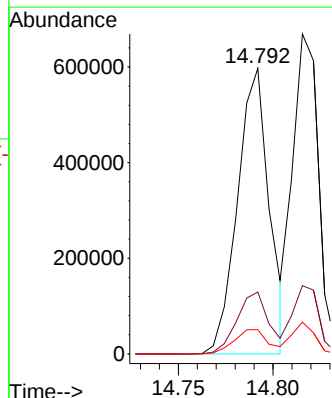
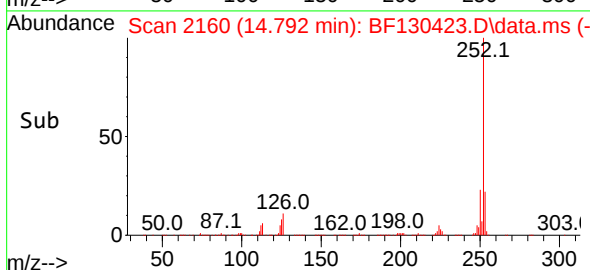
Reviewed By :Christian Giraldo 09/28/2022
 Supervised By :Jagrut Upadhyay 09/28/2022

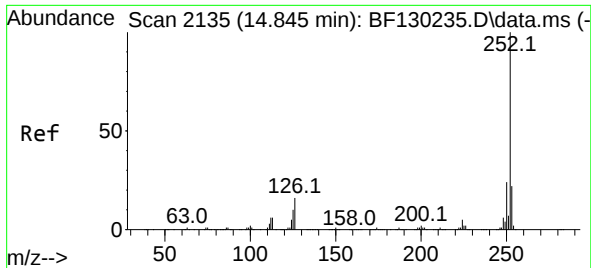


#88
 Benzo(b)fluoranthene
 Concen: 43.997 ng
 RT: 14.792 min Scan# 2160
 Delta R.T. -0.012 min
 Lab File: BF130423.D
 Acq: 27 Sep 2022 13:52



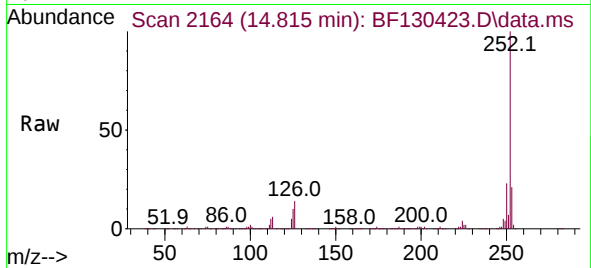
Tgt Ion:252 Resp: 696857
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.7 26.5
 125 8.5 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 40.691 ng
RT: 14.815 min Scan# 2135
Delta R.T. -0.018 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52

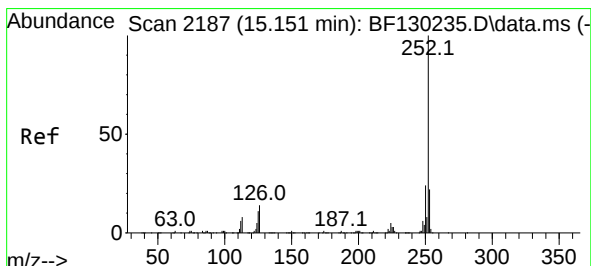
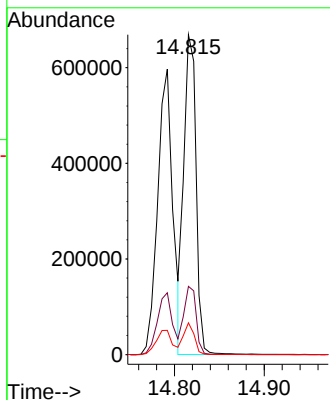
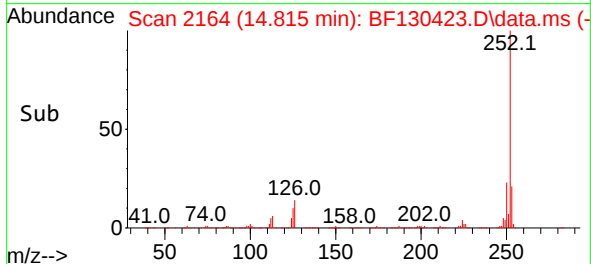
Instrument :
BNA_F
ClientSampleId :
PB147890BS



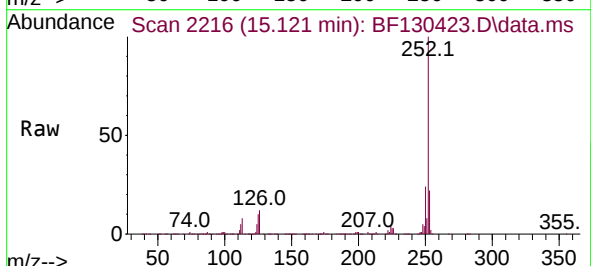
Tgt Ion:252 Resp: 63398
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.2
125 9.9 7.9 11.9

Manual Integrations
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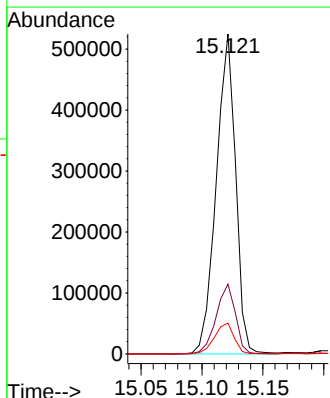
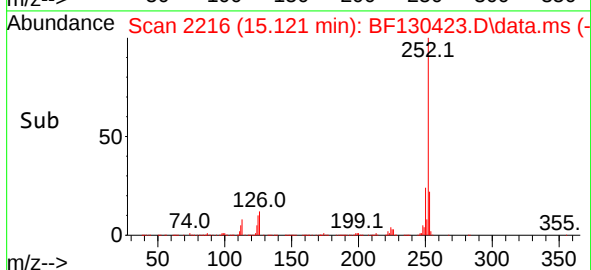
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

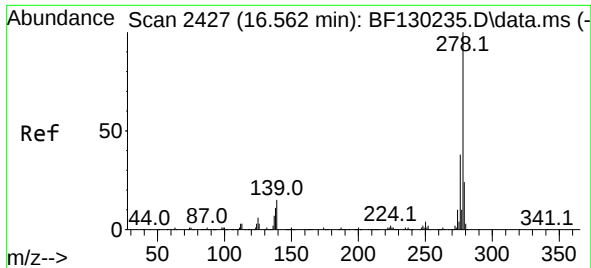


#90
Benzo(a)pyrene
Concen: 46.151 ng
RT: 15.121 min Scan# 2216
Delta R.T. -0.018 min
Lab File: BF130423.D
Acq: 27 Sep 2022 13:52



Tgt Ion:252 Resp: 579105
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 9.6 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 43.990 ng

RT: 16.515 min Scan# 24

Delta R.T. -0.029 min

Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

Instrument :

BNA_F

ClientSampleId :

PB147890BS

Tgt Ion: 278 Resp: 621005

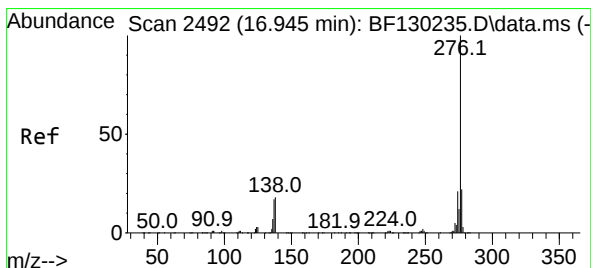
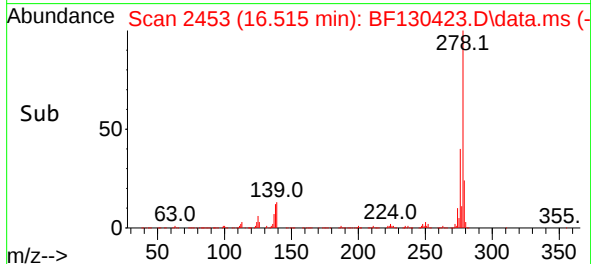
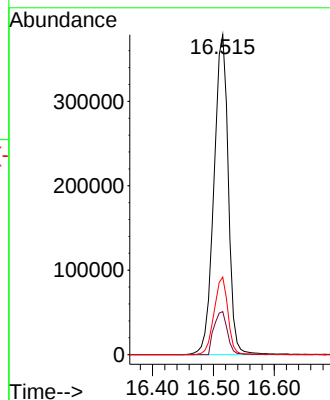
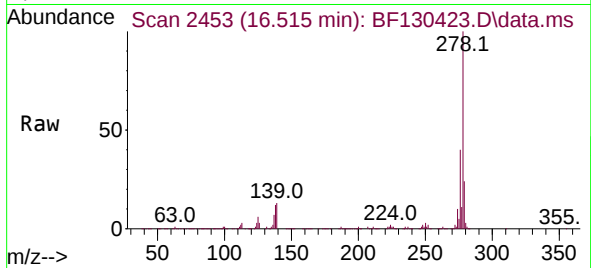
Ion	Ratio	Lower	Upper
278	100		
139	13.4	11.8	17.8
279	24.3	19.4	29.0

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 09/28/2022

Supervised By : Jagrut Upadhyay 09/28/2022



#92

Benzo(g,h,i)perylene

Concen: 43.272 ng

RT: 16.898 min Scan# 2518

Delta R.T. -0.029 min

Lab File: BF130423.D

Acq: 27 Sep 2022 13:52

Tgt Ion: 276 Resp: 615355

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.6	27.8
138	18.5	14.6	21.8

