

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102722\
 Data File : BF130803.D
 Acq On : 27 Oct 2022 17:36
 Operator : CG\JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 10/28/2022
 Supervised By :mohammad ahmed 11/04/2022

Quant Time: Oct 28 03:15:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 28 03:09:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	100435	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	368461	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	203303	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	384639	20.000	ng	0.00
76) Chrysene-d12	14.145	240	240531	20.000	ng	0.00
86) Perylene-d12	15.657	264	181348	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	461471	79.694	ng	0.00
7) Phenol-d6	6.569	99	597132	82.416	ng	0.00
23) Nitrobenzene-d5	7.522	82	539066	74.744	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	150439	77.226	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1040233	74.508	ng	0.00
79) Terphenyl-d14	13.086	244	1079153	74.319	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.781	88	108466	40.786	ng	94
3) Pyridine	3.552	79	303222	43.709	ng	100
4) n-Nitrosodimethylamine	3.522	42	169038	44.801	ng	100
6) Aniline	6.622	93	381738	42.761	ng	100
8) 2-Chlorophenol	6.740	128	264187	40.051	ng	100
9) Benzaldehyde	6.510	77	175655	36.193	ng	100
10) Phenol	6.581	94	329118	38.762	ng	100
11) bis(2-Chloroethyl)ether	6.693	93	256965	41.958	ng	100
12) 1,3-Dichlorobenzene	6.898	146	297731	41.021	ng	100
13) 1,4-Dichlorobenzene	6.975	146	301944	40.795	ng	100
14) 1,2-Dichlorobenzene	7.128	146	279376	40.407	ng	100
15) Benzyl Alcohol	7.093	79	262281	45.658	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.228	45	460190	51.519	ng	100
17) 2-Methylphenol	7.192	107	226298	42.203	ng	100
18) Hexachloroethane	7.469	117	109768	37.624	ng	100
19) n-Nitroso-di-n-propyla...	7.369	70	203240	41.571	ng	100
20) 3+4-Methylphenols	7.351	107	295284	42.391	ng	100
22) Acetophenone	7.369	105	364763	40.492	ng	100
24) Nitrobenzene	7.540	77	288615	39.411	ng	100
25) Isophorone	7.781	82	521098	44.828	ng	100
26) 2-Nitrophenol	7.857	139	101628	33.853	ng	100
27) 2,4-Dimethylphenol	7.881	122	219429	47.471	ng	100
28) bis(2-Chloroethoxy)met...	7.987	93	289746	44.266	ng	100
29) 2,4-Dichlorophenol	8.087	162	227177	44.849	ng	100
30) 1,2,4-Trichlorobenzene	8.181	180	238815	43.608	ng	100
31) Naphthalene	8.263	128	791554	41.699	ng	100
32) Benzoic acid	7.987	122	137688m	38.519	ng	
33) 4-Chloroaniline	8.310	127	315477	43.697	ng	100
34) Hexachlorobutadiene	8.381	225	158209	45.203	ng	100
35) Caprolactam	8.681	113	72772	50.114	ng	100
36) 4-Chloro-3-methylphenol	8.781	107	247492	44.081	ng	100
37) 2-Methylnaphthalene	8.957	142	494515	40.858	ng	100
38) 1-Methylnaphthalene	9.057	142	479855	41.271	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	234091	42.192	ng	100
41) Hexachlorocyclopentadiene	9.104	237	130991	44.098	ng	100
43) 2,4,6-Trichlorophenol	9.228	196	170446	44.018	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	181388	43.410	ng	100
46) 1,1'-Biphenyl	9.422	154	592565	39.027	ng	100
47) 2-Chloronaphthalene	9.445	162	476302	38.779	ng	100
48) 2-Nitroaniline	9.539	65	146309	35.715	ng	100
49) Acenaphthylene	9.869	152	761496	41.350	ng	100
50) Dimethylphthalate	9.722	163	573160	40.814	ng	100
51) 2,6-Dinitrotoluene	9.781	165	107921	36.745	ng	100
52) Acenaphthene	10.039	154	467904	38.671	ng	100
53) 3-Nitroaniline	9.951	138	121905	37.250	ng	100
54) 2,4-Dinitrophenol	10.051	184	37898	28.153	ng	100
55) Dibenzofuran	10.210	168	672505	39.959	ng	100
56) 4-Nitrophenol	10.092	139	98889	41.487	ng	100
57) 2,4-Dinitrotoluene	10.186	165	134265	35.770	ng	100
58) Fluorene	10.551	166	526764	38.272	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	149463	45.699	ng	100
60) Diethylphthalate	10.422	149	568348	40.358	ng	100
61) 4-Chlorophenyl-phenyle...	10.545	204	249413	41.308	ng	100
62) 4-Nitroaniline	10.569	138	125466	38.163	ng	100
63) Azobenzene	10.704	77	598514	41.274	ng	100
65) 4,6-Dinitro-2-methylph...	10.592	198	57828	27.008	ng	100
66) n-Nitrosodiphenylamine	10.663	169	489656	38.095	ng	100
67) 4-Bromophenyl-phenylether	11.039	248	159658	37.627	ng	100
68) Hexachlorobenzene	11.098	284	172857	35.937	ng	100
69) Atrazine	11.186	200	146450	38.988	ng	100
70) Pentachlorophenol	11.286	266	105650	40.927	ng	100
71) Phenanthrene	11.522	178	806420	37.342	ng	100
72) Anthracene	11.575	178	796822	38.235	ng	100
73) Carbazole	11.722	167	712578	37.888	ng	100
74) Di-n-butylphthalate	12.051	149	867990	38.271	ng	100
75) Fluoranthene	12.710	202	851804	40.820	ng	100
77) Benzidine	12.827	184	241983	34.656	ng	100
78) Pyrene	12.939	202	857386	40.747	ng	100
80) Butylbenzylphthalate	13.557	149	317507	40.731	ng	100
81) Benzo(a)anthracene	14.133	228	655646	40.975	ng	100
82) 3,3'-Dichlorobenzidine	14.092	252	176994	40.635	ng	100
83) Chrysene	14.169	228	621454	40.903	ng	100
84) Bis(2-ethylhexyl)phtha...	14.116	149	370805	41.529	ng	100
85) Di-n-octyl phthalate	14.739	149	510753	37.400	ng	100
87) Indeno(1,2,3-cd)pyrene	17.215	276	530064	41.218	ng	100
88) Benzo(b)fluoranthene	15.210	252	466636	39.423	ng	100
89) Benzo(k)fluoranthene	15.239	252	470338	40.395	ng	100
90) Benzo(a)pyrene	15.592	252	393322	41.944	ng	100
91) Dibenzo(a,h)anthracene	17.239	278	437936	41.511	ng	100
92) Benzo(g,h,i)perylene	17.686	276	451927	42.525	ng	100

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

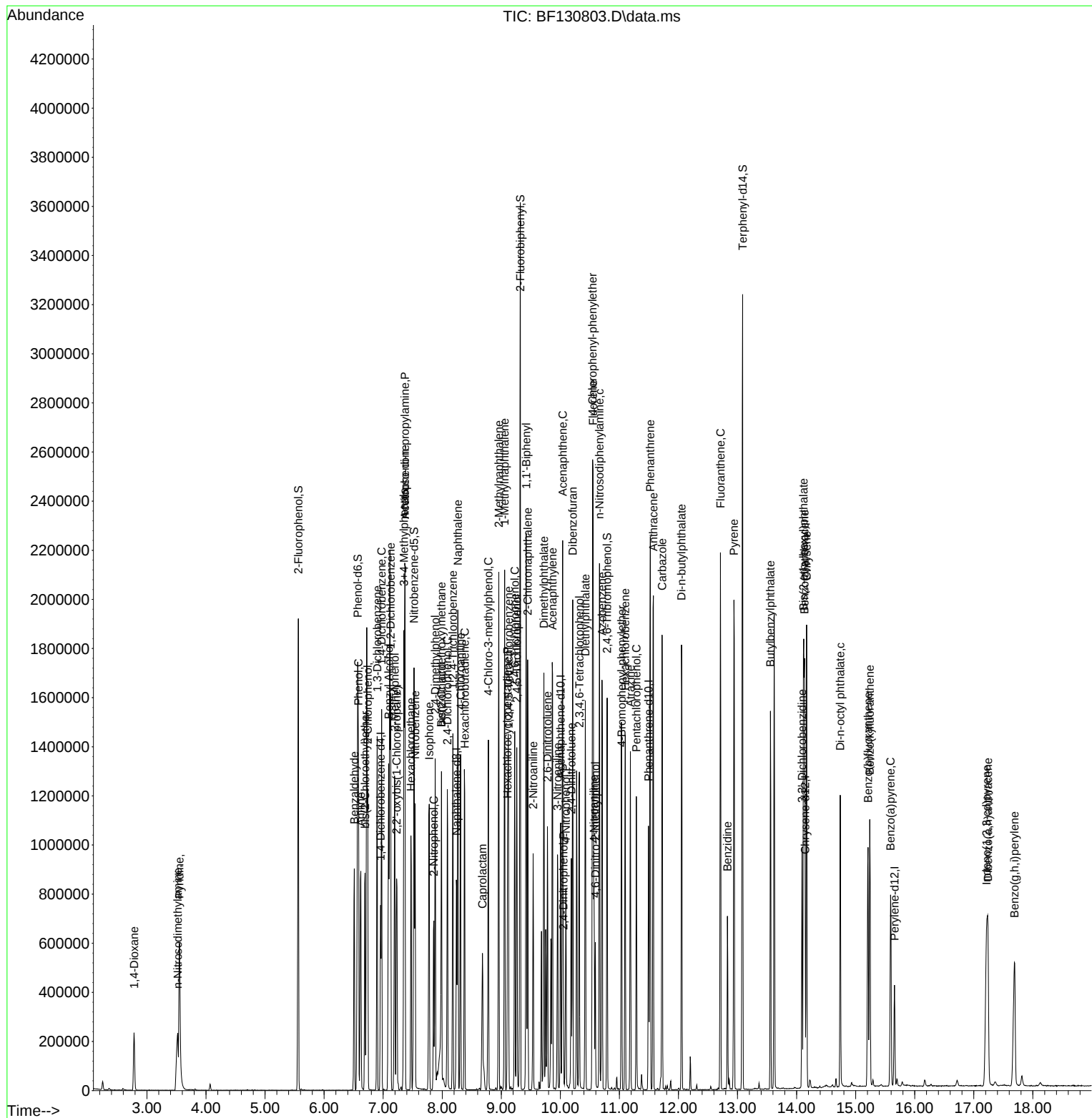
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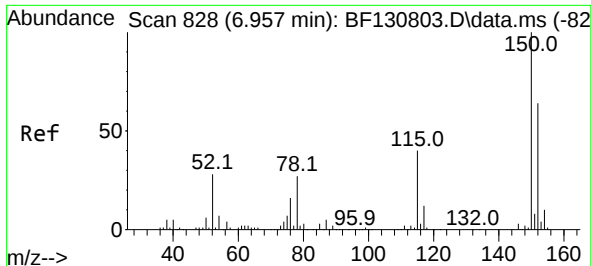
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 ClientSampleId :
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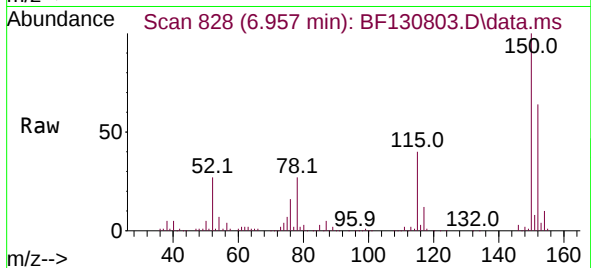
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF130803.D
 Acq: 27 Oct 2022 17:36

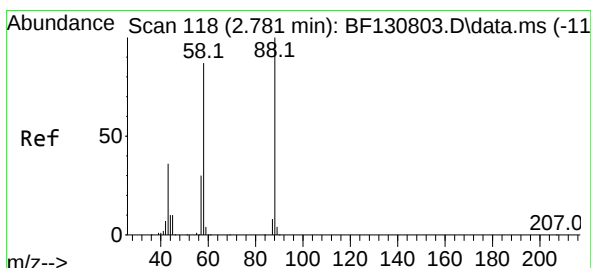
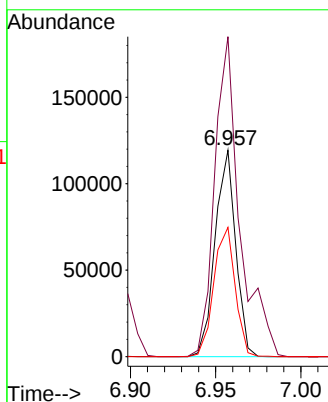
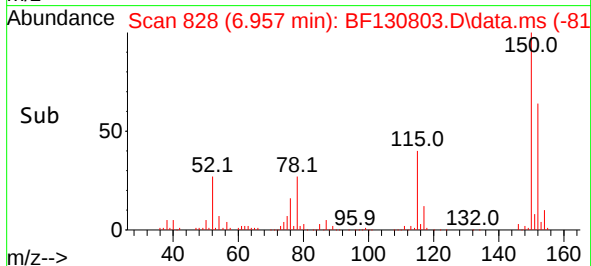
Instrument :
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 ClientSampleId :
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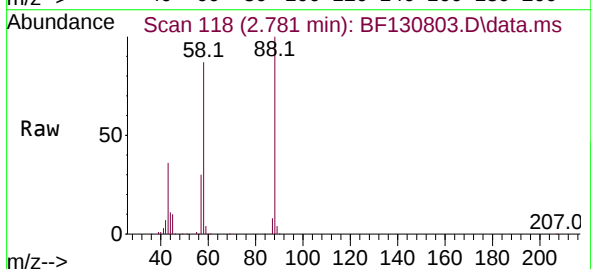
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 Ion Ratio Lower Upper
 152 100
 150 155.1 124.1 186.1
 115 62.6 50.1 75.1

Manual Integrations
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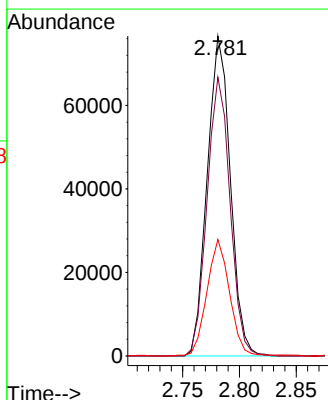
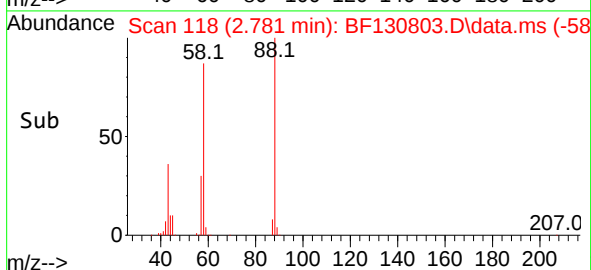
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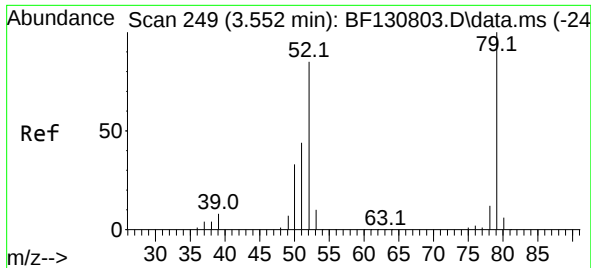


#2
 1,4-Dioxane
 Concen: 40.786 ng
 RT: 2.781 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: BF130803.D
 Acq: 27 Oct 2022 17:36



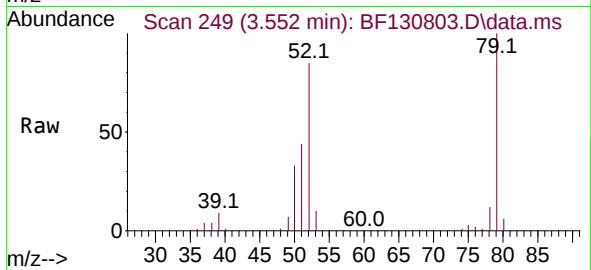
Tgt Ion: 88 Resp: 108466
 Ion Ratio Lower Upper
 88 100
 58 86.8 64.7 97.1
 43 35.7 26.5 39.7





#3
Pyridine
Concen: 43.709 ng
RT: 3.552 min Scan# 249
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

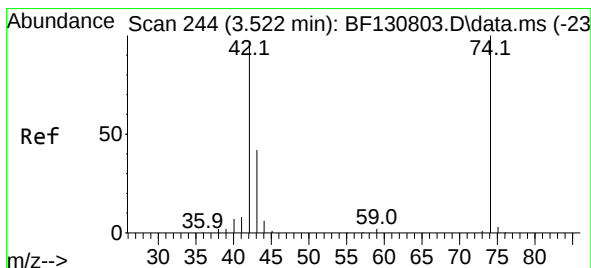
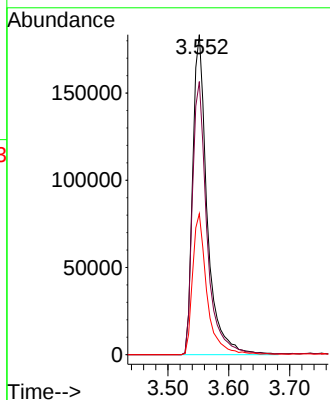
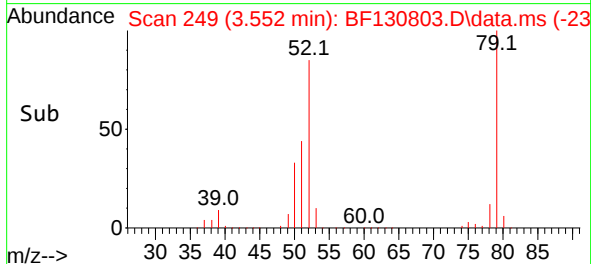
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



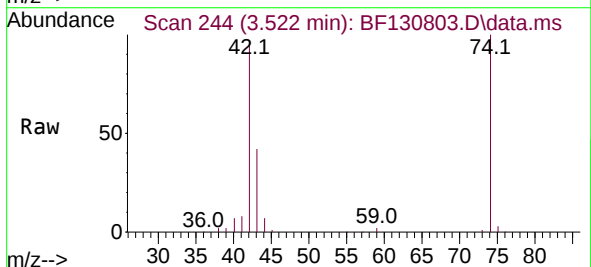
Tgt Ion: 79 Resp: 30322
Ion Ratio Lower Upper
79 100
52 85.3 68.2 102.4
51 44.0 35.2 52.8

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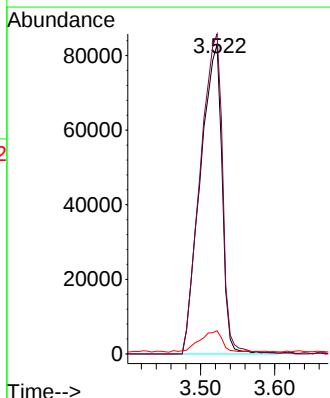
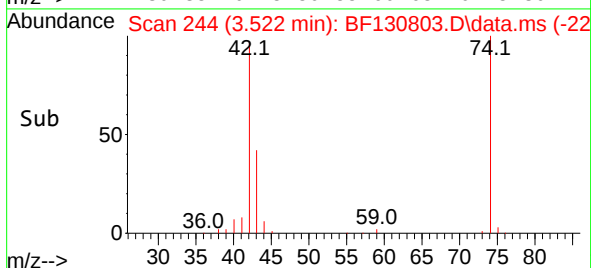
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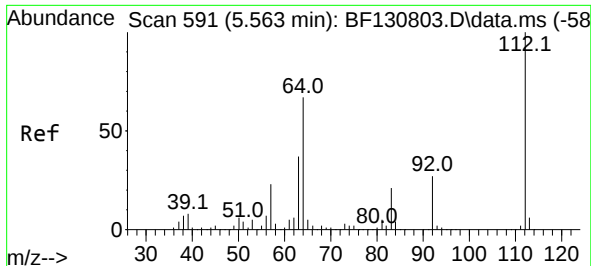


#4
n-Nitrosodimethylamine
Concen: 44.801 ng
RT: 3.522 min Scan# 244
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36



Tgt Ion: 42 Resp: 169038
Ion Ratio Lower Upper
42 100
74 103.5 82.8 124.2
44 7.5 6.0 9.0





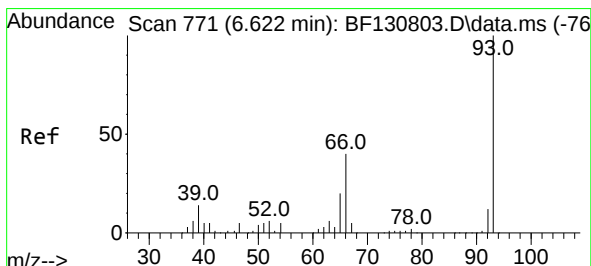
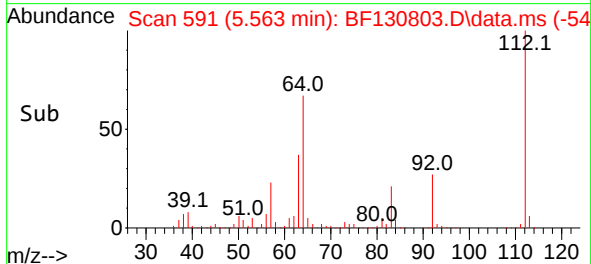
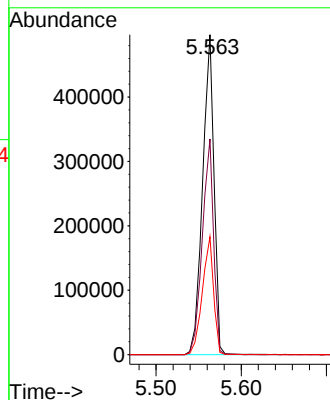
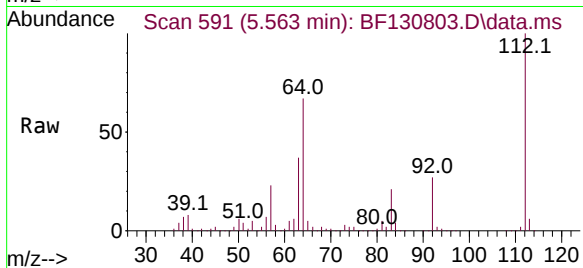
#5
2-Fluorophenol
Concen: 79.694 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:112 Resp: 461471
Ion Ratio Lower Upper
112 100
64 67.4 53.9 80.9
63 36.8 29.4 44.2

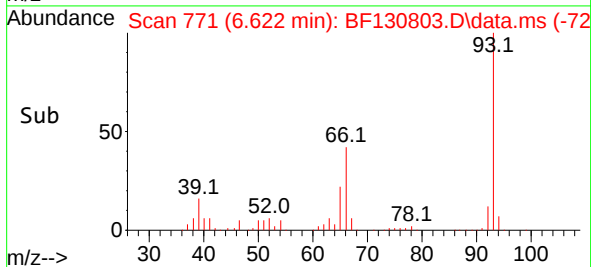
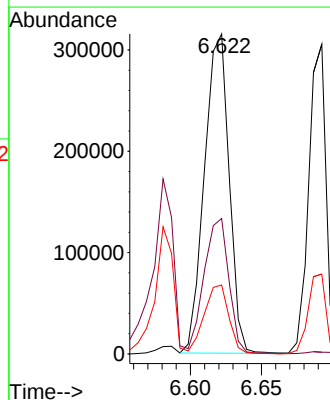
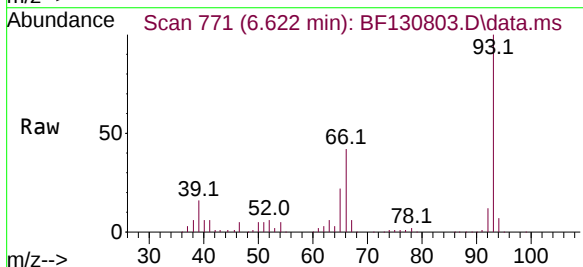
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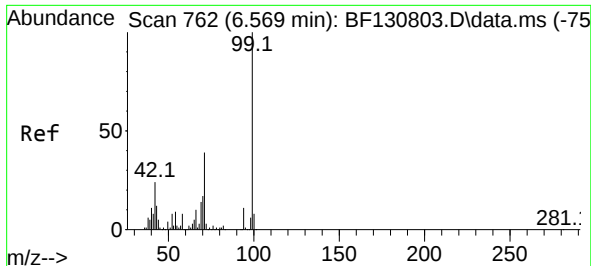
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#6
Aniline
Concen: 42.761 ng
RT: 6.622 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

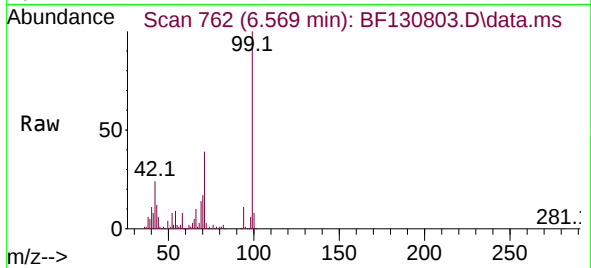
Tgt Ion: 93 Resp: 381738
Ion Ratio Lower Upper
93 100
66 42.3 33.8 50.8
65 21.5 17.2 25.8





#7
Phenol-d6
Concen: 82.416 ng
RT: 6.569 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

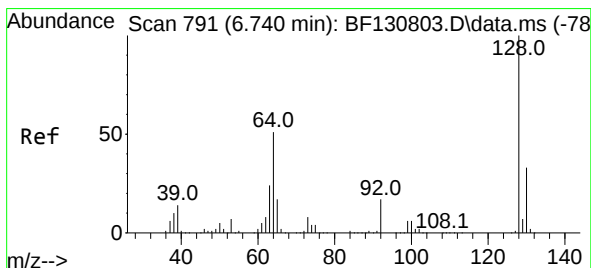
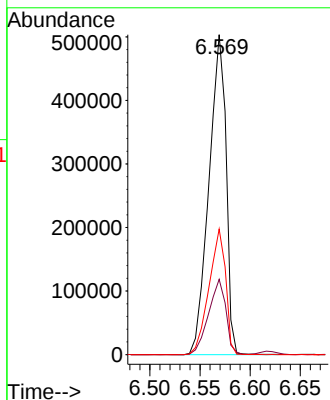
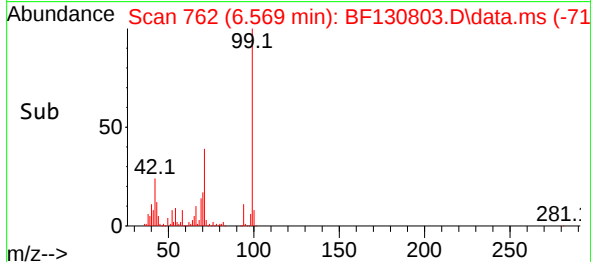
Instrument :
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Tgt Ion: 99 Resp: 597132
Ion Ratio Lower Upper
99 100
42 23.5 18.8 28.2
71 39.2 31.4 47.0

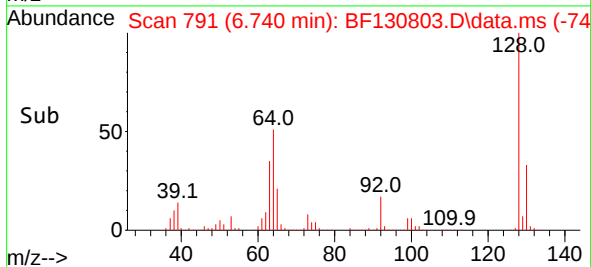
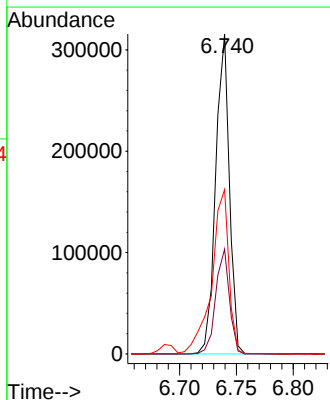
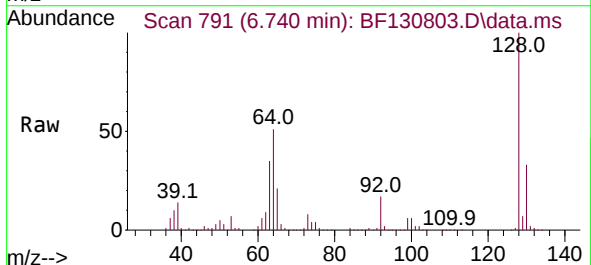
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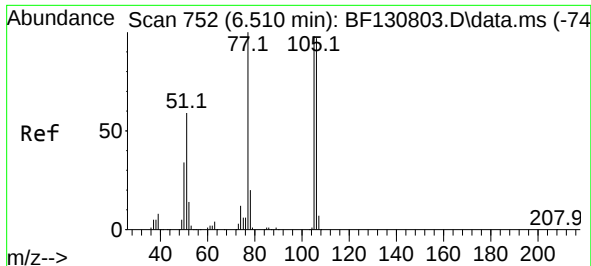
Reviewed By :Christian Giraldo 10/28/2022
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#8
2-Chlorophenol
Concen: 40.051 ng
RT: 6.740 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

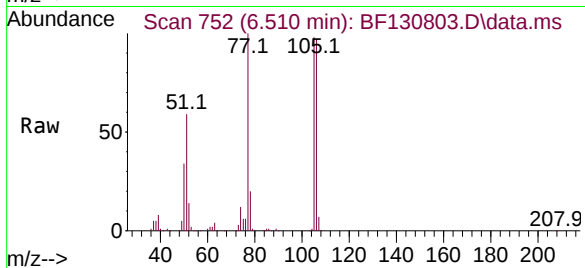
Tgt Ion:128 Resp: 264187
Ion Ratio Lower Upper
128 100
130 32.7 12.7 52.7
64 51.3 31.3 71.3





#9
Benzaldehyde
Concen: 36.193 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF130803.D
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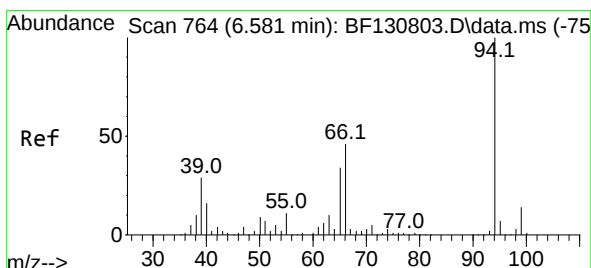
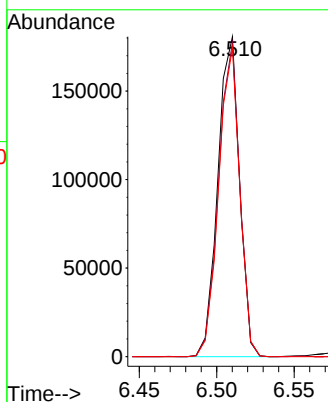
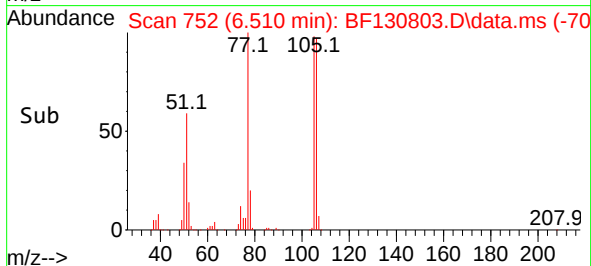
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Tgt Ion: 77 Resp: 175658
Ion Ratio Lower Upper
77 100
105 98.2 78.2 118.2
106 96.6 76.6 116.6

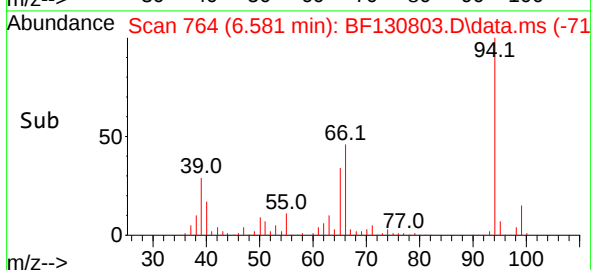
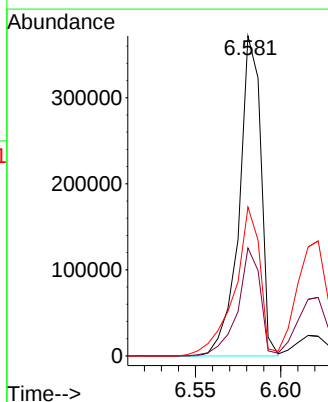
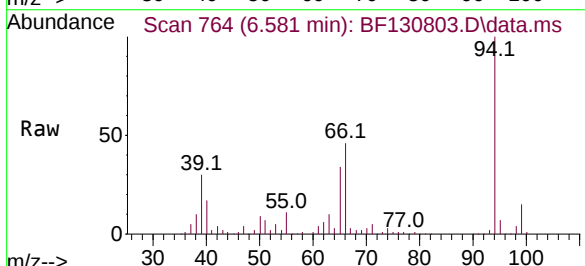
Manual Integrations
APPROVED

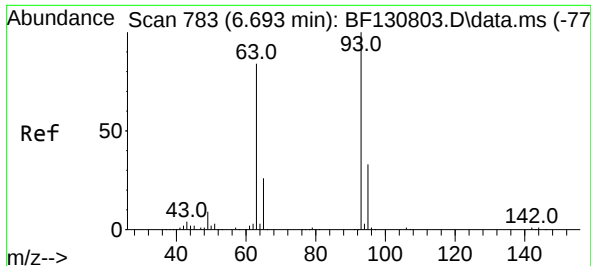
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#10
Phenol
Concen: 38.762 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

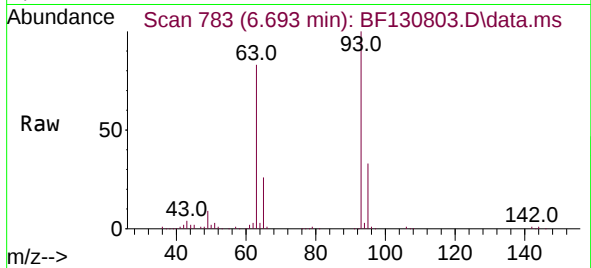
Tgt Ion: 94 Resp: 329118
Ion Ratio Lower Upper
94 100
65 33.7 13.7 53.7
66 46.5 26.5 66.5





#11
bis(2-Chloroethyl)ether
Concen: 41.958 ng
RT: 6.693 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

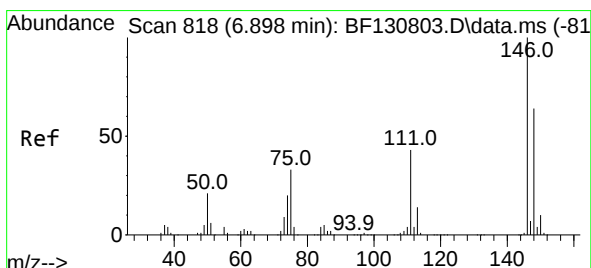
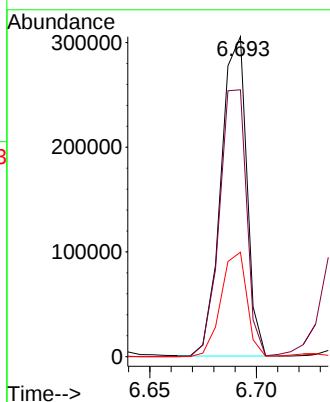
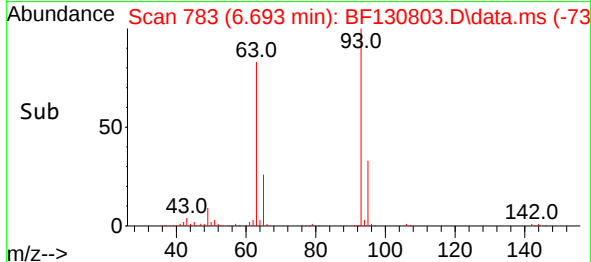
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



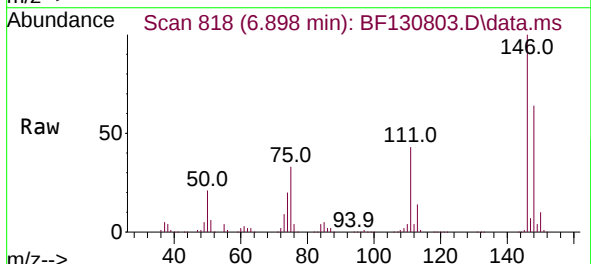
Tgt Ion: 93 Resp: 256965
Ion Ratio Lower Upper
93 100
63 83.4 63.4 103.4
95 32.6 12.6 52.6

Manual Integrations
APPROVED

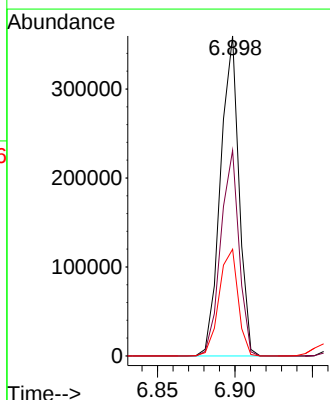
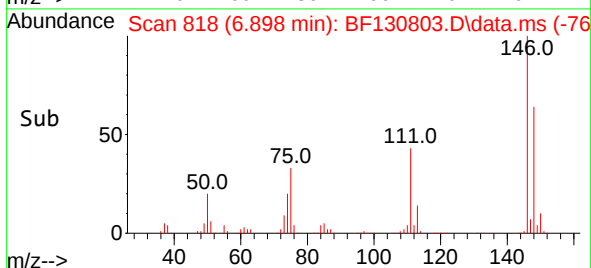
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

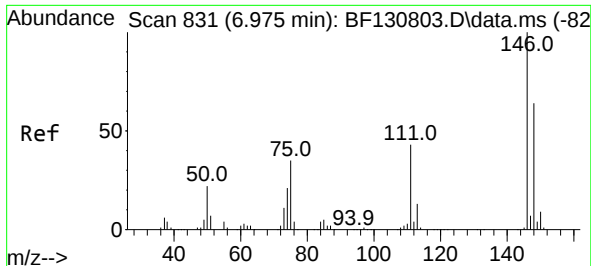


#12
1,3-Dichlorobenzene
Concen: 41.021 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36



Tgt Ion:146 Resp: 297731
Ion Ratio Lower Upper
146 100
148 64.2 51.4 77.0
75 33.3 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 40.795 ng

RT: 6.975 min Scan# 831

Delta R.T. 0.000 min

Lab File: BF130803.D

Acq: 27 Oct 2022 17:36

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:146 Resp: 301944

Ion Ratio Lower Upper

146 100

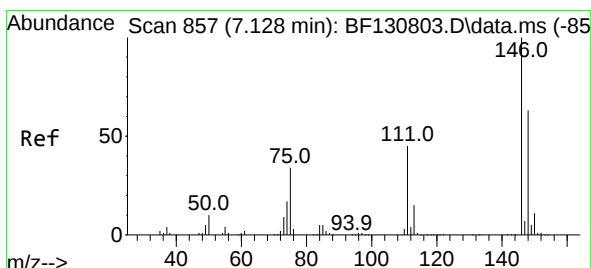
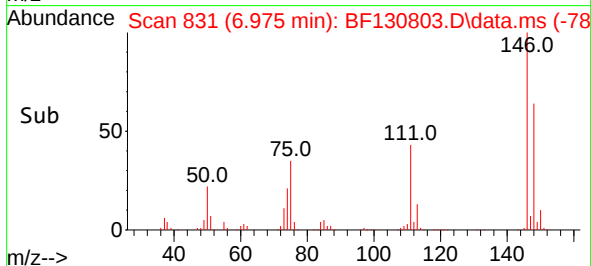
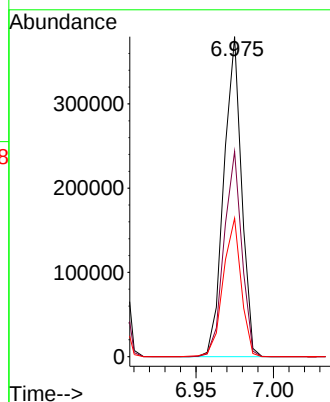
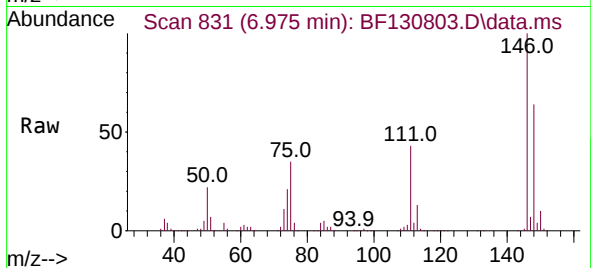
148 64.1 51.3 76.9

111 43.2 34.6 51.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#14

1,2-Dichlorobenzene

Concen: 40.407 ng

RT: 7.128 min Scan# 857

Delta R.T. 0.000 min

Lab File: BF130803.D

Acq: 27 Oct 2022 17:36

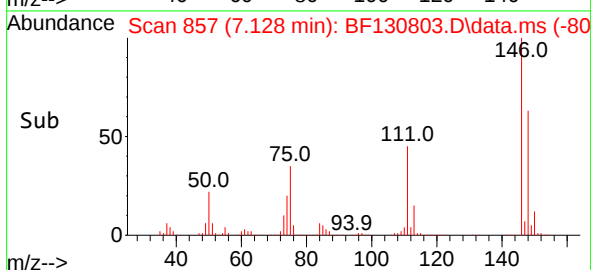
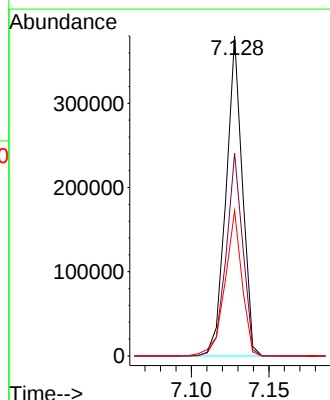
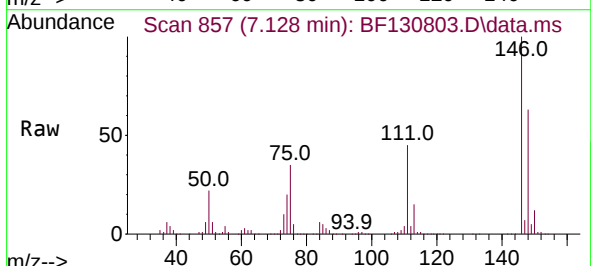
Tgt Ion:146 Resp: 279376

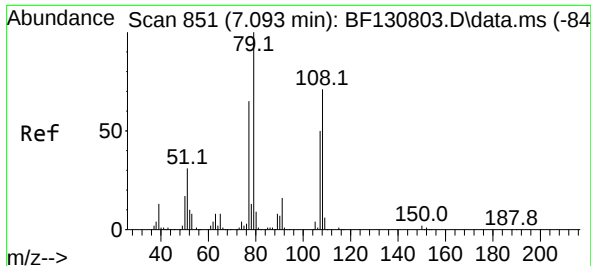
Ion Ratio Lower Upper

146 100

148 63.3 50.6 76.0

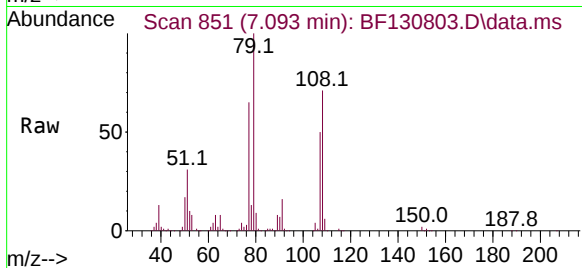
111 45.4 36.3 54.5





#15
Benzyl Alcohol
Concen: 45.658 ng
RT: 7.093 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

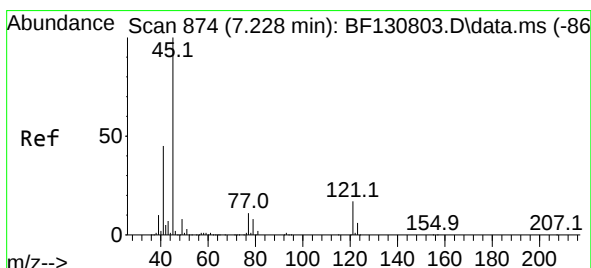
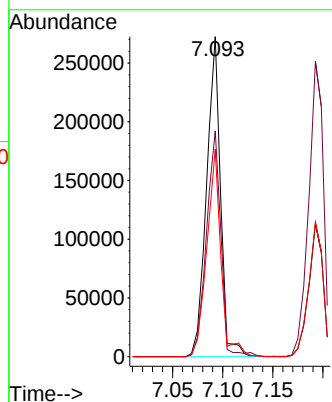
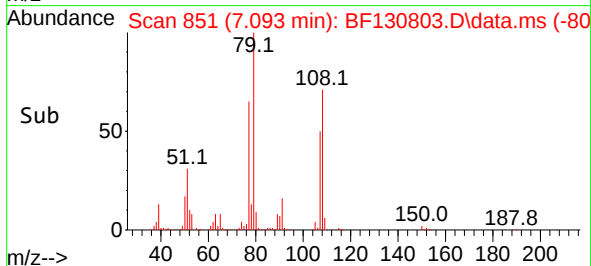
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



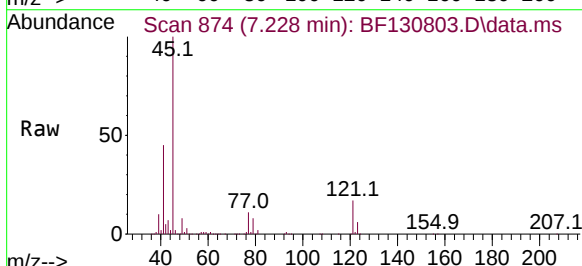
Tgt Ion: 79 Resp: 262281
Ion Ratio Lower Upper
79 100
108 70.5 56.4 84.6
77 64.8 51.8 77.8

Manual Integrations
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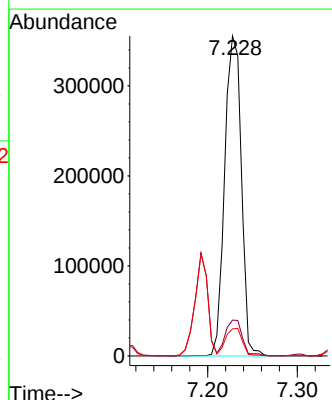
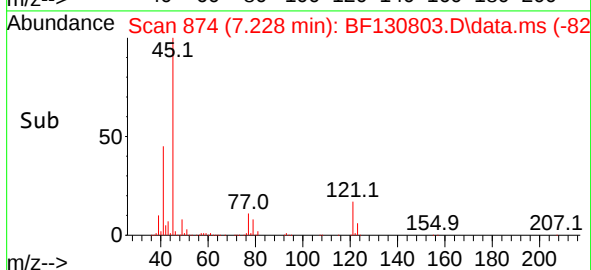
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

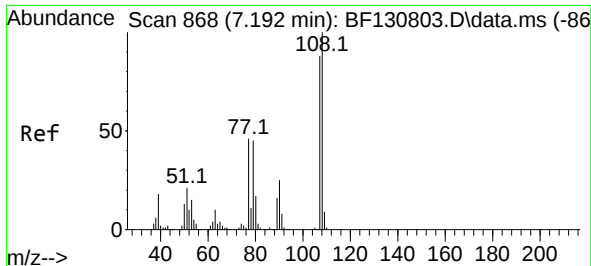


#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.519 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36



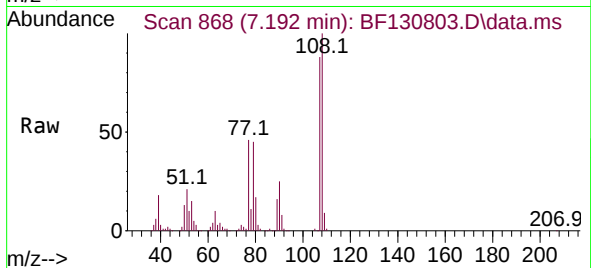
Tgt Ion: 45 Resp: 460190
Ion Ratio Lower Upper
45 100
77 11.2 0.0 31.2
79 8.4 0.0 28.4





#17
2-Methylphenol
Concen: 42.203 ng
RT: 7.192 min Scan# 868
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

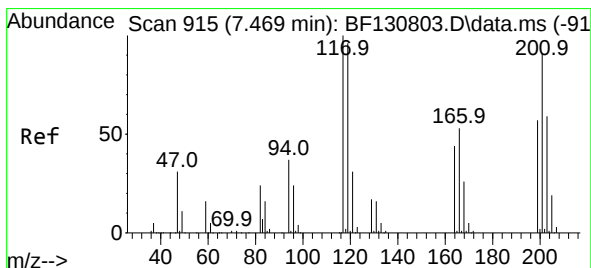
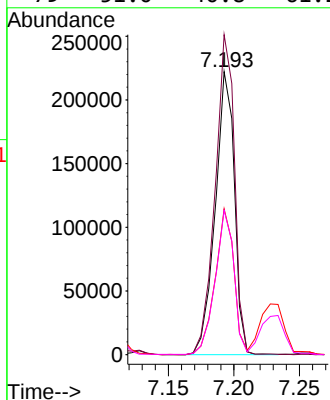
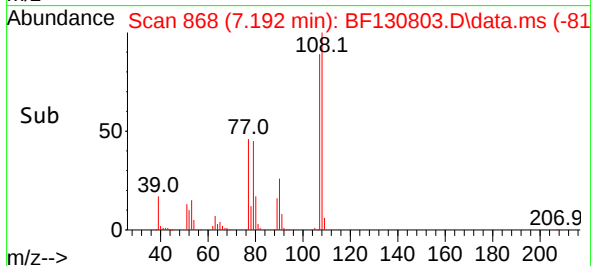
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:107 Resp: 226298
Ion Ratio Lower Upper
107 100
108 113.1 90.5 135.7
77 51.5 41.2 61.8
79 51.0 40.8 61.2

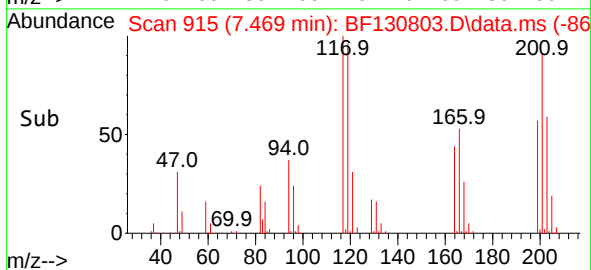
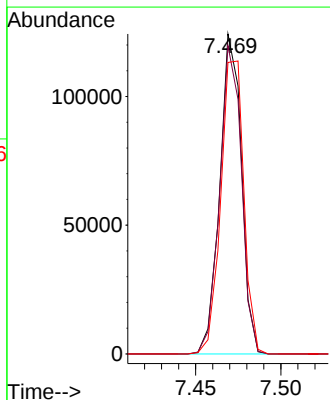
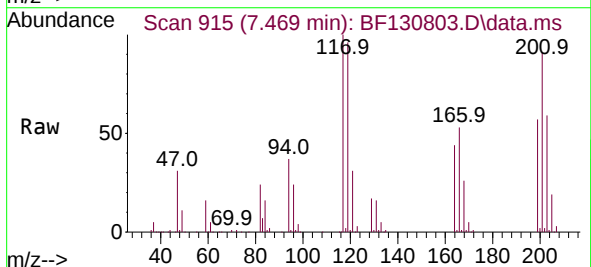
Manual Integrations
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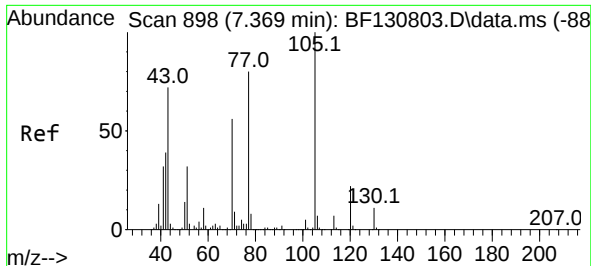
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#18
Hexachloroethane
Concen: 37.624 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

Tgt Ion:117 Resp: 109768
Ion Ratio Lower Upper
117 100
119 96.4 77.1 115.7
201 91.1 72.9 109.3





#19

n-Nitroso-di-n-propylamine

Concen: 41.571 ng

RT: 7.369 min Scan# 898

Delta R.T. 0.000 min

Lab File: BF130803.D

Acq: 27 Oct 2022 17:36

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 203240

Ion Ratio Lower Upper

70 100

42 70.1 56.1 84.1

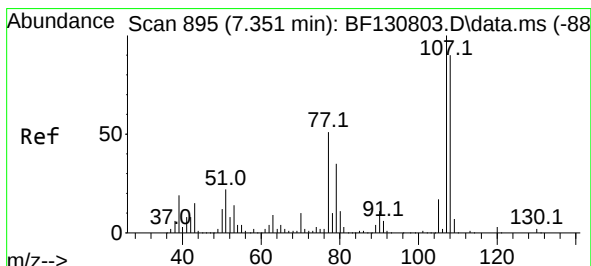
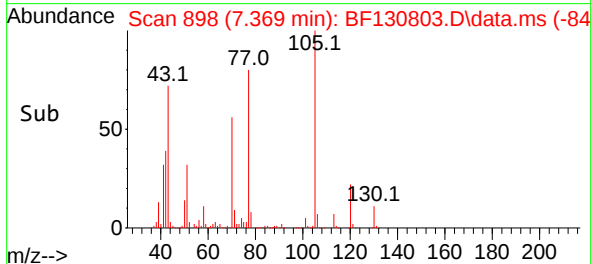
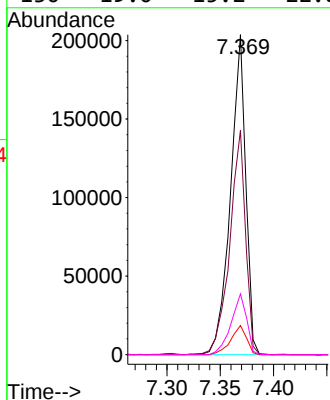
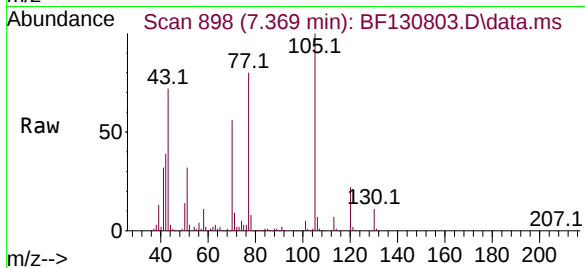
101 9.1 7.3 10.9

130 19.0 15.2 22.8

Manual Integrations

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Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#20

3+4-Methylphenols

Concen: 42.391 ng

RT: 7.351 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF130803.D

Acq: 27 Oct 2022 17:36

Tgt Ion:107 Resp: 295284

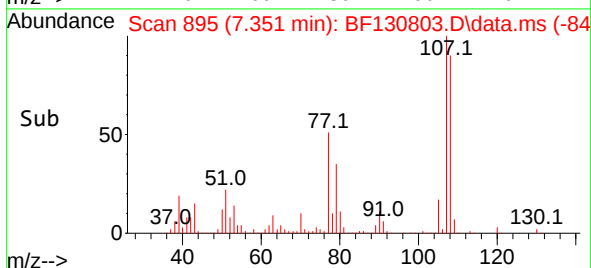
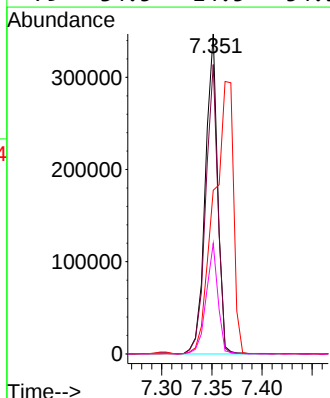
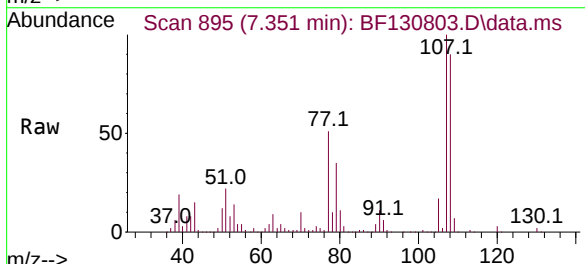
Ion Ratio Lower Upper

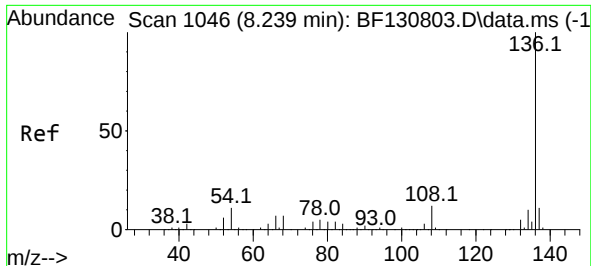
107 100

108 90.4 70.4 110.4

77 51.1 31.1 71.1

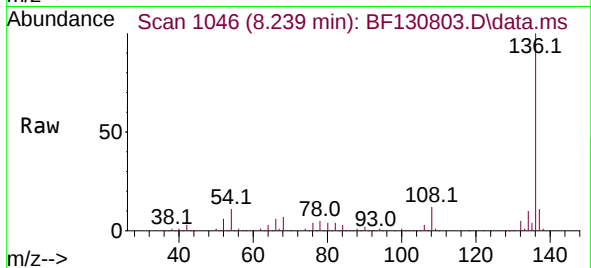
79 34.5 14.5 54.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

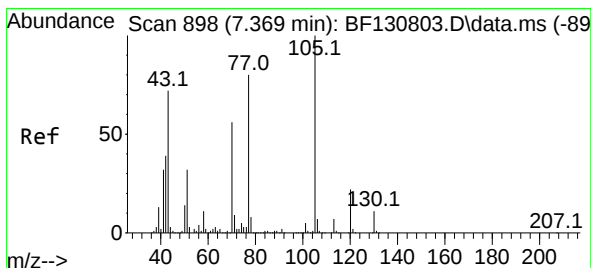
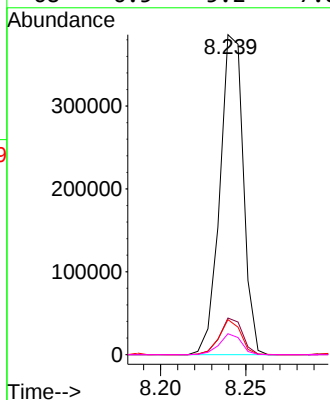
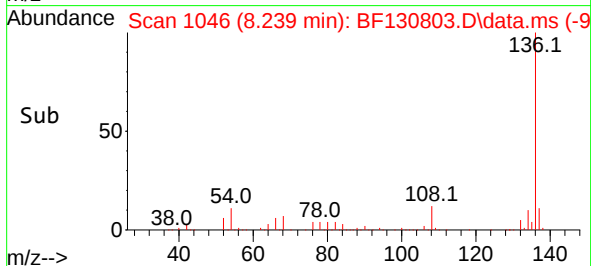
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



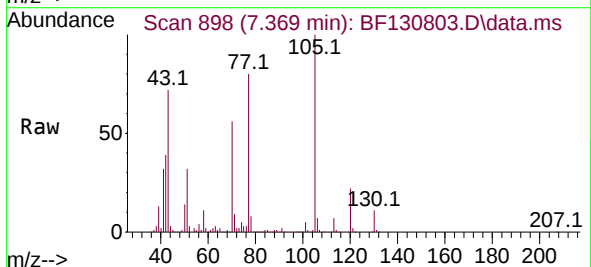
Tgt Ion:136 Resp: 368463
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 11.0 8.8 13.2
68 6.5 5.2 7.8

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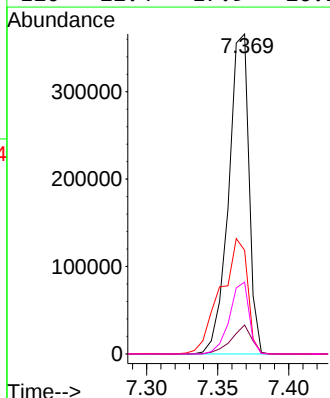
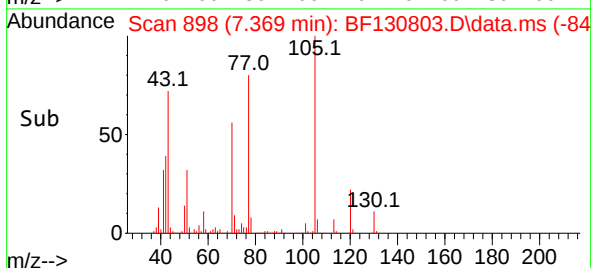
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

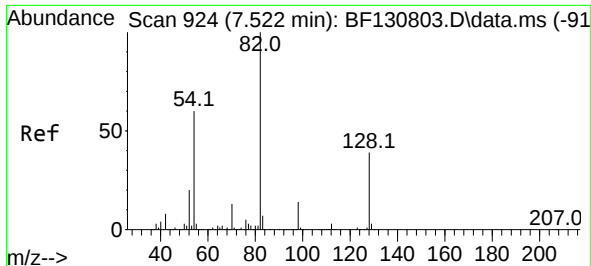


#22
Acetophenone
Concen: 40.492 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36



Tgt Ion:105 Resp: 364763
Ion Ratio Lower Upper
105 100
71 9.0 7.2 10.8
51 32.4 25.9 38.9
120 22.4 17.9 26.9





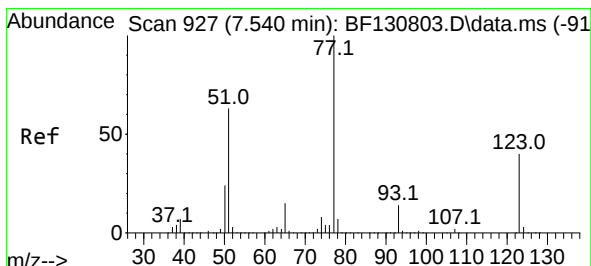
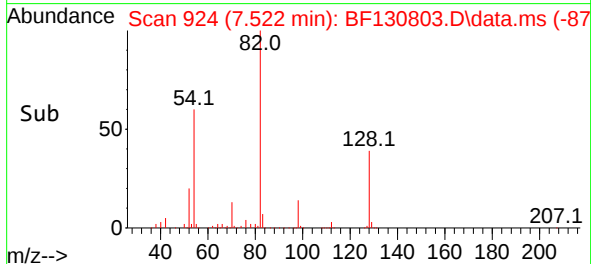
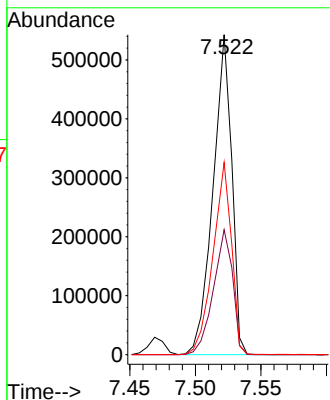
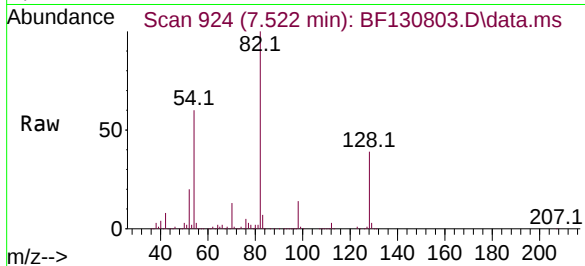
#23
Nitrobenzene-d5
Concen: 74.744 ng
RT: 7.522 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 539066
Ion Ratio Lower Upper
82 100
128 39.0 31.2 46.8
54 60.0 48.0 72.0

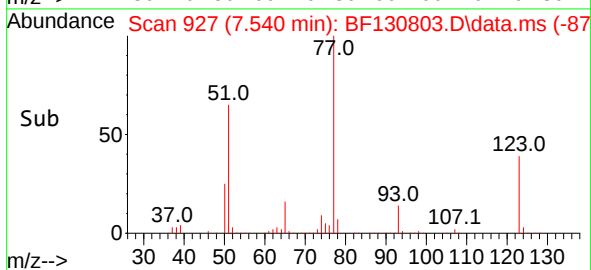
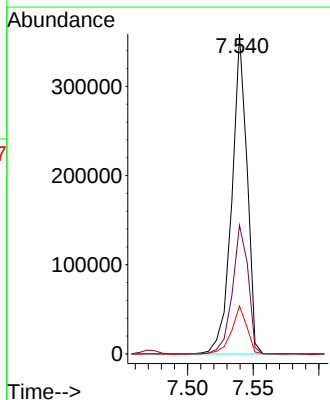
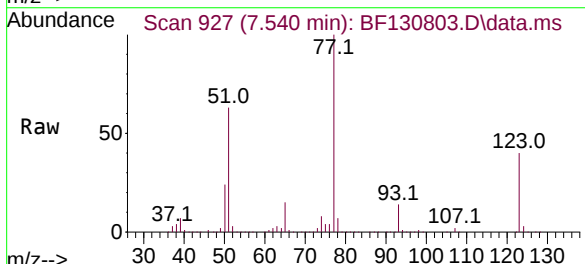
Manual Integrations
APPROVED

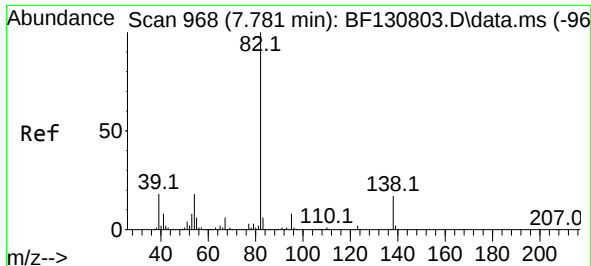
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#24
Nitrobenzene
Concen: 39.411 ng
RT: 7.540 min Scan# 927
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

Tgt Ion: 77 Resp: 288615
Ion Ratio Lower Upper
77 100
123 40.2 32.2 48.2
65 15.0 12.0 18.0





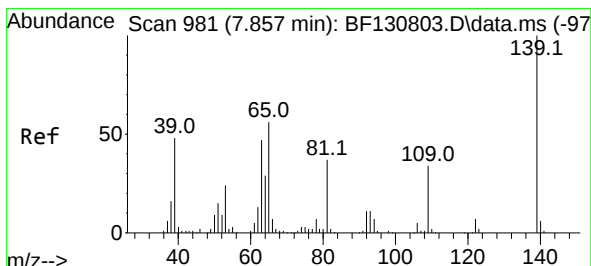
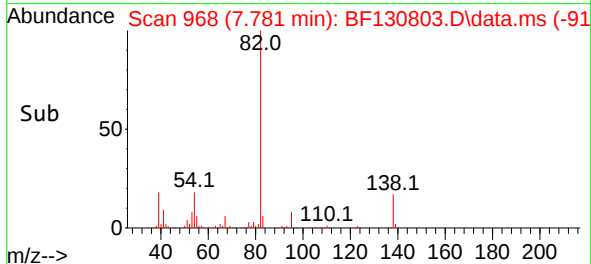
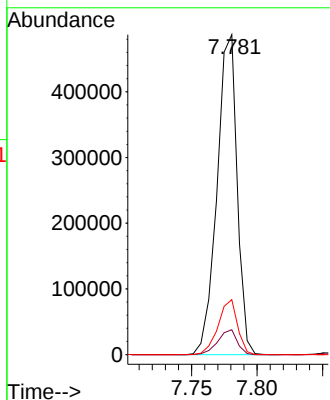
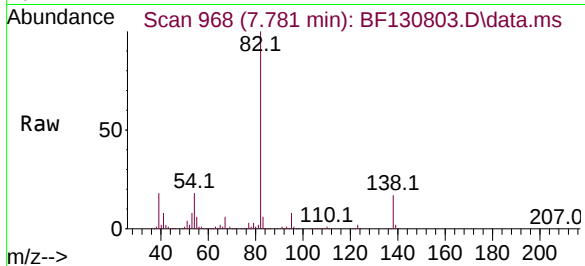
#25
Isophorone
Concen: 44.828 ng
RT: 7.781 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

Instrument :
BNA_F
Client Sample Id :
SSTDICCC040

Tgt Ion: 82 Resp: 521098
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.4
138 17.2 13.8 20.6

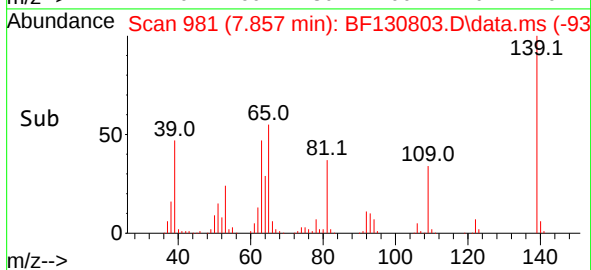
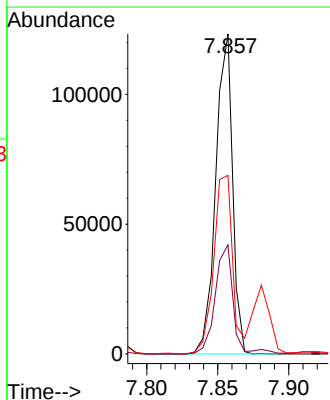
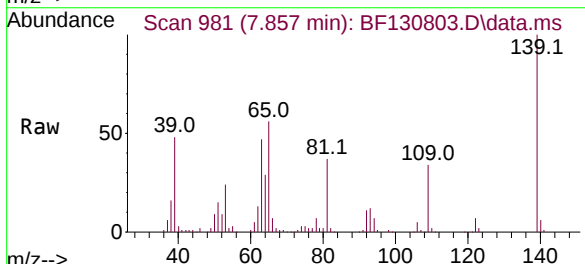
Manual Integrations
APPROVED

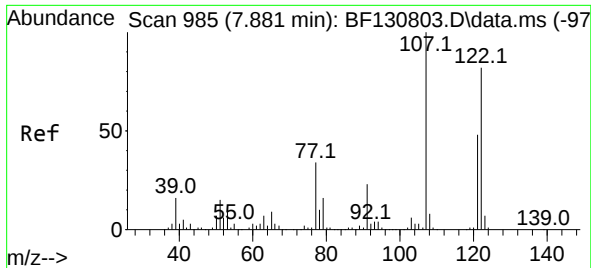
Reviewed By : Christian Giraldo 10/28/2022
Supervised By : mohammad ahmed 11/04/2022



#26
2-Nitrophenol
Concen: 33.853 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

Tgt Ion: 139 Resp: 101628
Ion Ratio Lower Upper
139 100
109 34.1 27.3 40.9
65 55.8 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 47.471 ng

RT: 7.881 min Scan# 985

Delta R.T. 0.000 min

Lab File: BF130803.D

Acq: 27 Oct 2022 17:36

Instrument :

BNA_F

ClientSampleId :

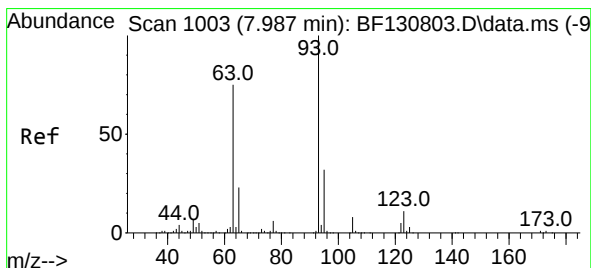
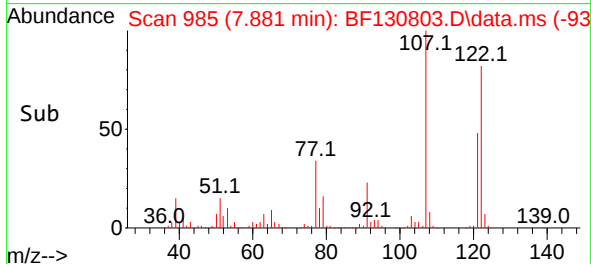
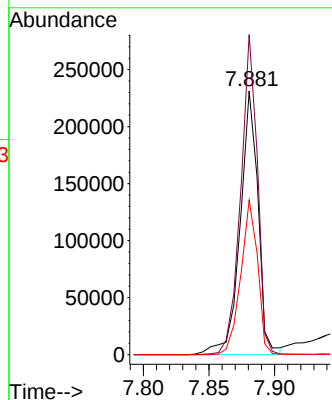
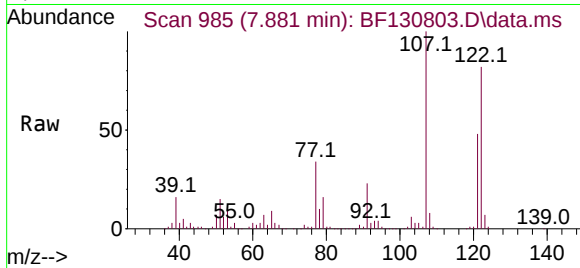
SSTDICCC040

Tgt Ion:122 Resp: 219429
 Ion Ratio Lower Upper
 122 100
 107 121.4 97.1 145.7
 121 58.6 46.9 70.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/28/2022
 Supervised By :mohammad ahmed 11/04/2022



#28

bis(2-Chloroethoxy)methane

Concen: 44.266 ng

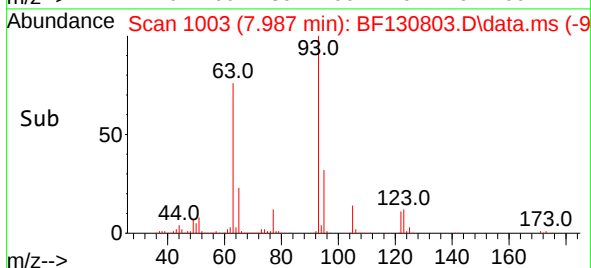
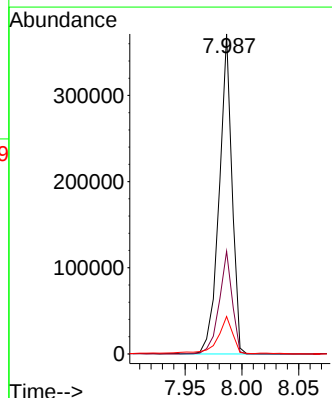
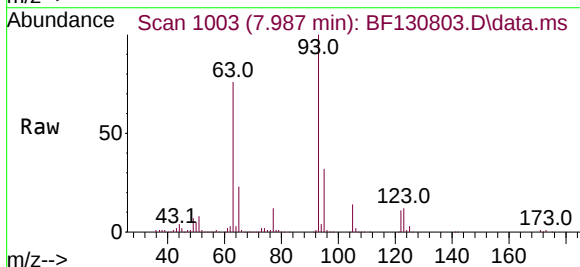
RT: 7.987 min Scan# 1003

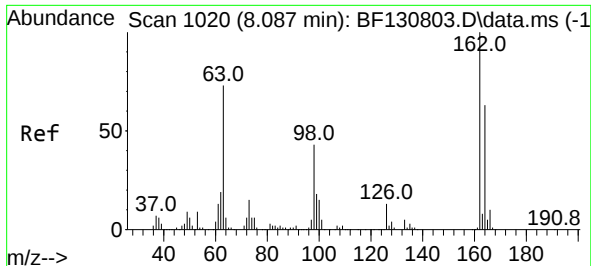
Delta R.T. 0.000 min

Lab File: BF130803.D

Acq: 27 Oct 2022 17:36

Tgt Ion: 93 Resp: 289746
 Ion Ratio Lower Upper
 93 100
 95 32.1 25.7 38.5
 123 11.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 44.849 ng

RT: 8.087 min Scan# 1020

Delta R.T. 0.000 min

Lab File: BF130803.D

Acq: 27 Oct 2022 17:36

Instrument :

BNA_F

ClientSampleId :

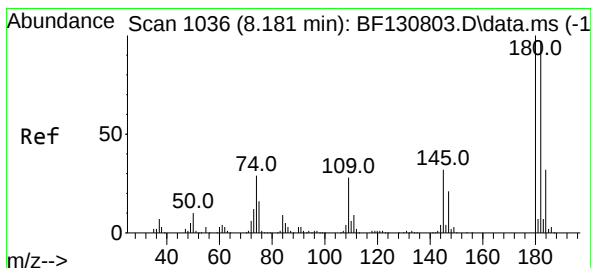
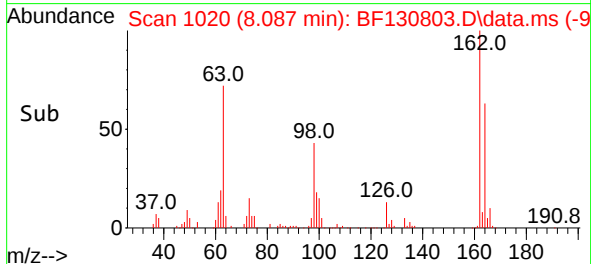
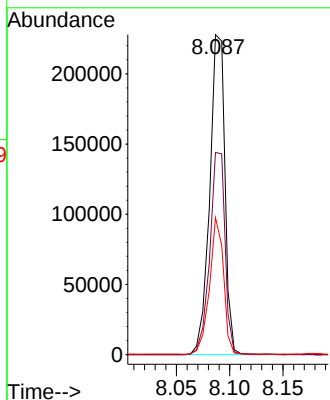
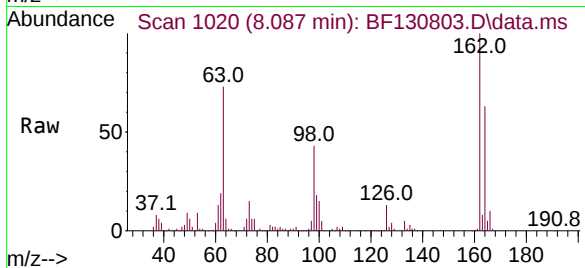
SSTDICCC040

Tgt Ion:162 Resp: 227172
 Ion Ratio Lower Upper
 162 100
 164 63.2 43.2 83.2
 98 42.8 22.8 62.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/28/2022
 Supervised By :mohammad ahmed 11/04/2022



#30

1,2,4-Trichlorobenzene

Concen: 43.608 ng

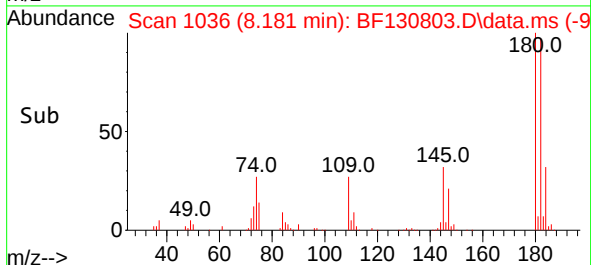
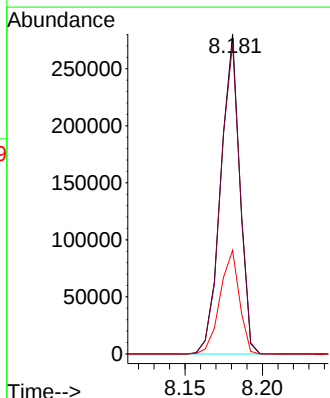
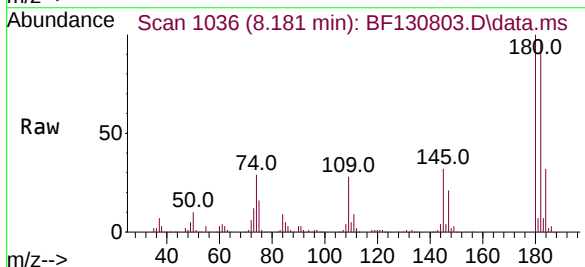
RT: 8.181 min Scan# 1036

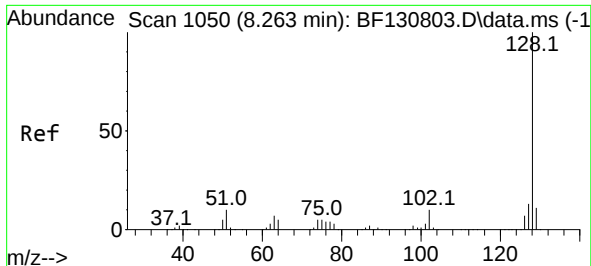
Delta R.T. 0.000 min

Lab File: BF130803.D

Acq: 27 Oct 2022 17:36

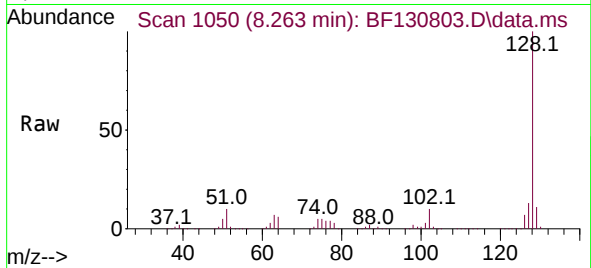
Tgt Ion:180 Resp: 238815
 Ion Ratio Lower Upper
 180 100
 182 97.1 77.7 116.5
 145 32.4 25.9 38.9





#31
Naphthalene
Concen: 41.699 ng
RT: 8.263 min Scan# 1050
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

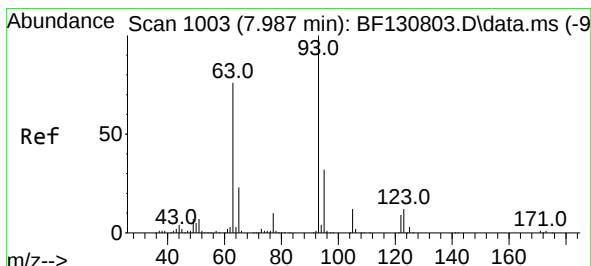
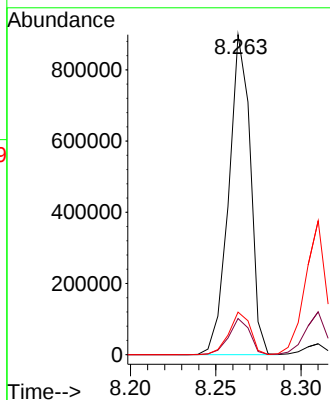
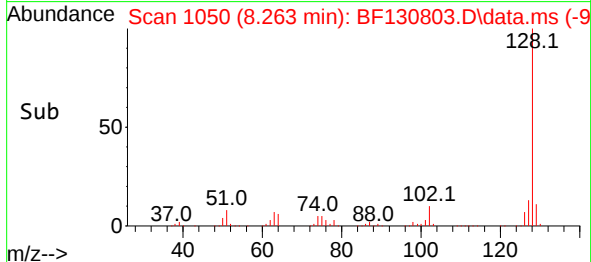
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:128 Resp: 791554
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.3 10.6 16.0

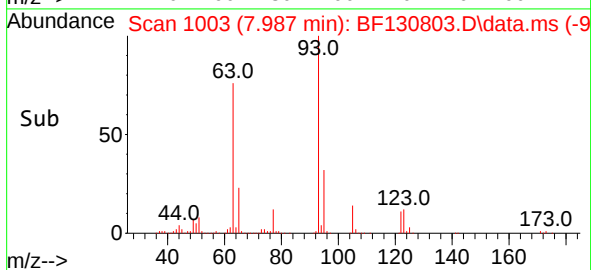
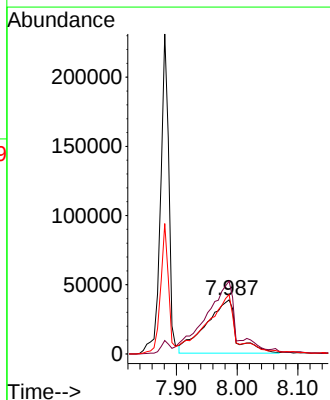
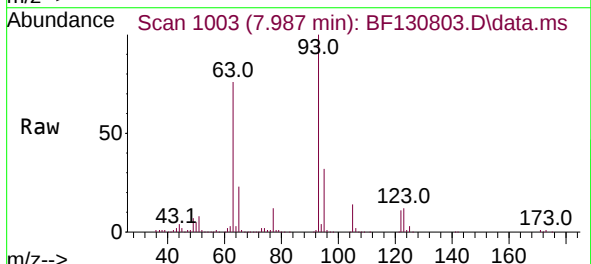
Manual Integrations
APPROVED

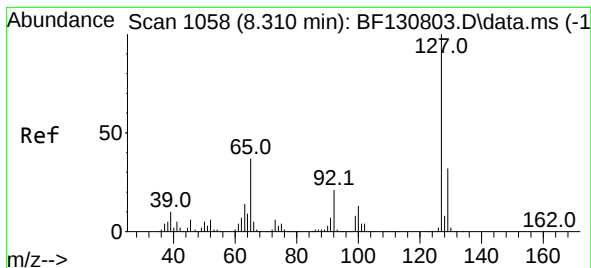
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#32
Benzoic acid
Concen: 38.519 ng m
RT: 7.987 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

Tgt Ion:122 Resp: 137688
Ion Ratio Lower Upper
122 100
105 134.5 114.5 154.5
77 109.8 89.8 129.8





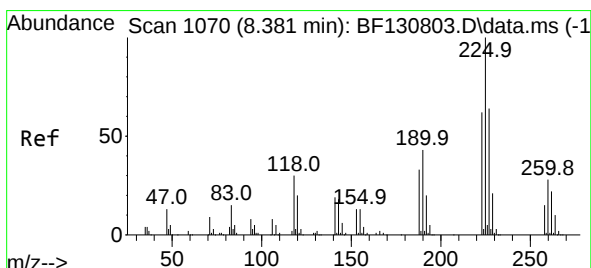
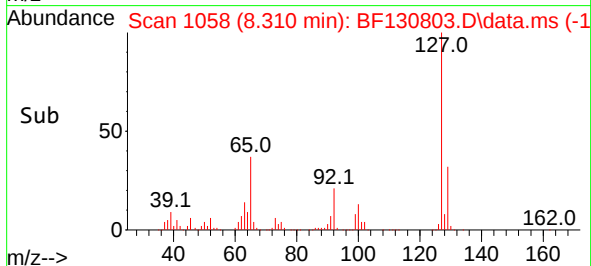
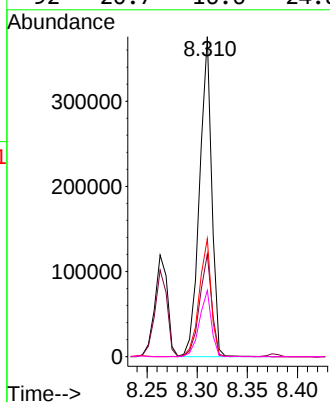
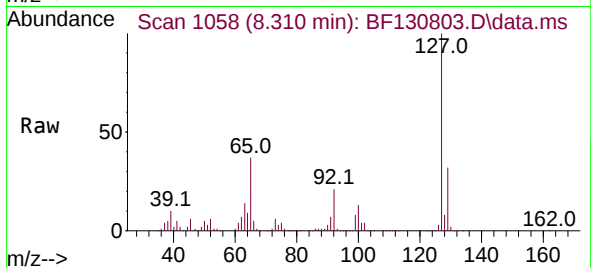
#33
4-Chloroaniline
Concen: 43.697 ng
RT: 8.310 min Scan# 1058
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:	127	Resp:	31547
Ion Ratio	Lower	Upper	
127	100		
129	32.0	25.6	38.4
65	36.8	29.4	44.2
92	20.7	16.6	24.8

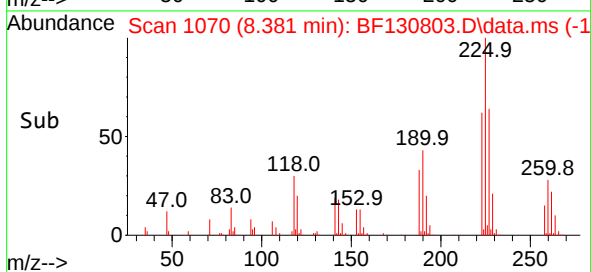
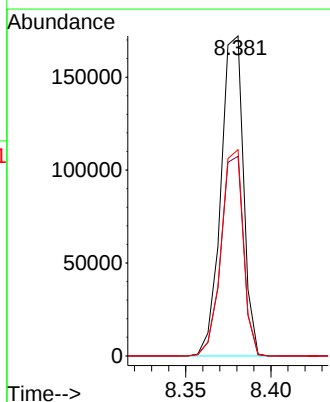
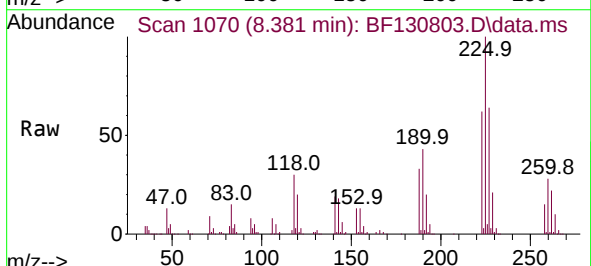
Manual Integrations
APPROVED

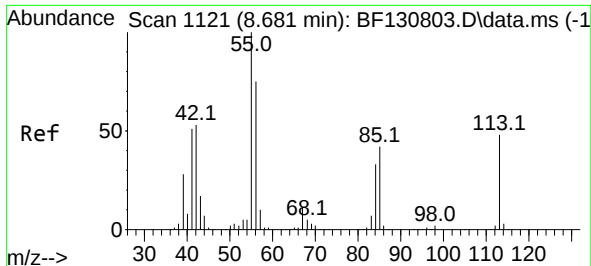
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#34
Hexachlorobutadiene
Concen: 45.203 ng
RT: 8.381 min Scan# 1070
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

Tgt Ion:	225	Resp:	158209
Ion Ratio	Lower	Upper	
225	100		
223	62.4	49.9	74.9
227	64.4	51.5	77.3





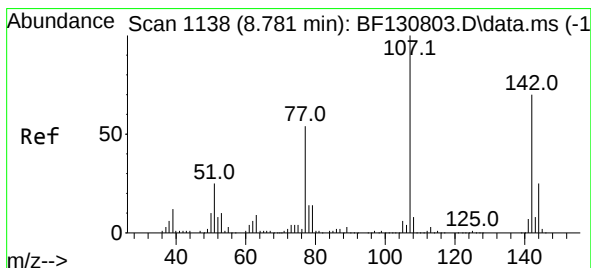
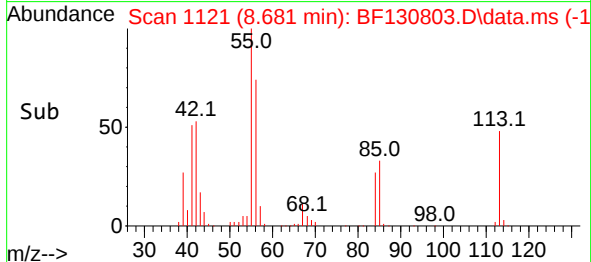
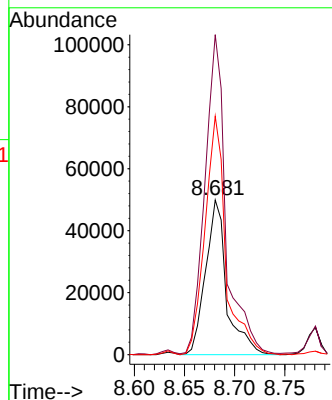
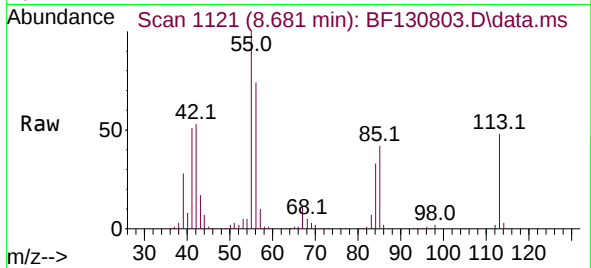
#35
Caprolactam
Concen: 50.114 ng
RT: 8.681 min Scan# 1121
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:113 Resp: 72772
Ion Ratio Lower Upper
113 100
55 207.0 187.0 227.0
56 154.2 134.2 174.2

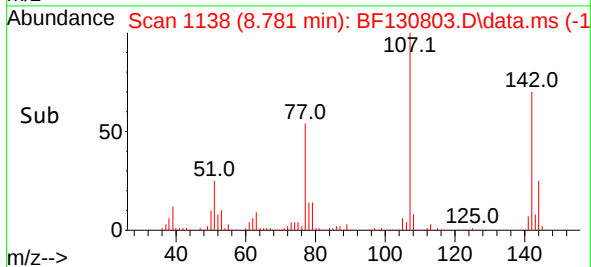
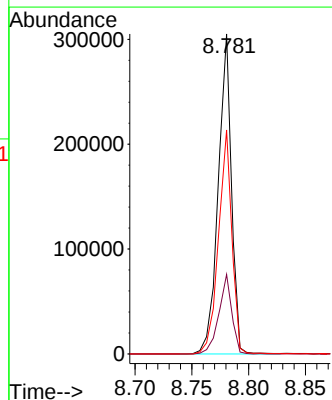
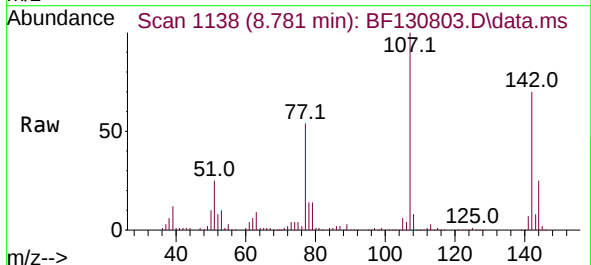
Manual Integrations
APPROVED

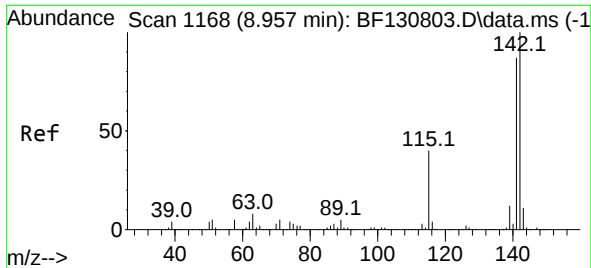
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#36
4-Chloro-3-methylphenol
Concen: 44.081 ng
RT: 8.781 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

Tgt Ion:107 Resp: 247492
Ion Ratio Lower Upper
107 100
144 24.8 19.8 29.8
142 70.0 56.0 84.0





#37

2-Methylnaphthalene

Concen: 40.858 ng

RT: 8.957 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF130803.D

Acq: 27 Oct 2022 17:36

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:142 Resp: 494515

Ion Ratio Lower Upper

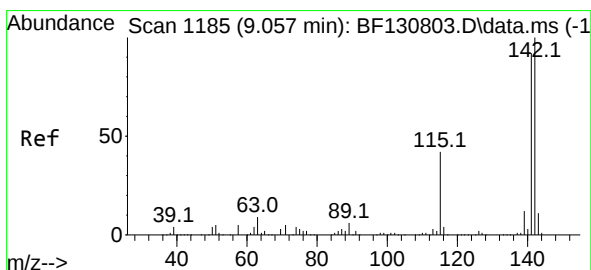
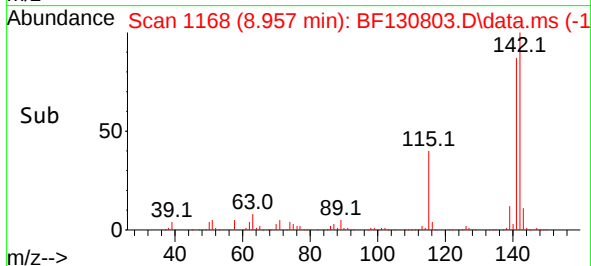
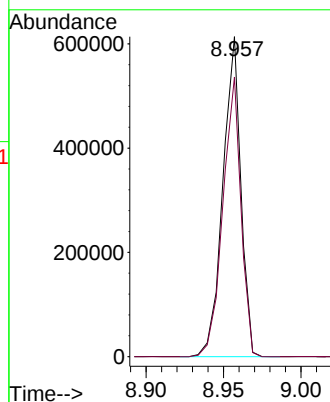
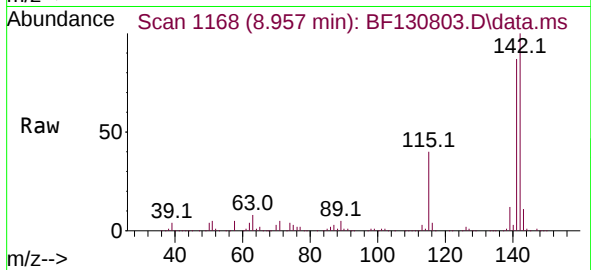
142 100

141 87.4 69.9 104.9

Manual Integrations

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Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#38

1-Methylnaphthalene

Concen: 41.271 ng

RT: 9.057 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF130803.D

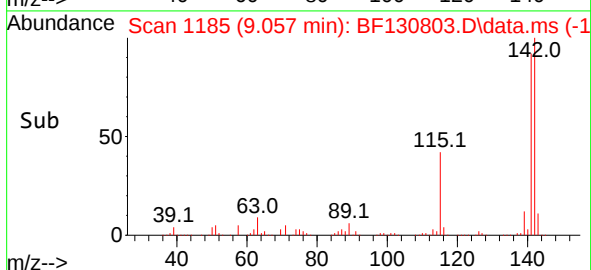
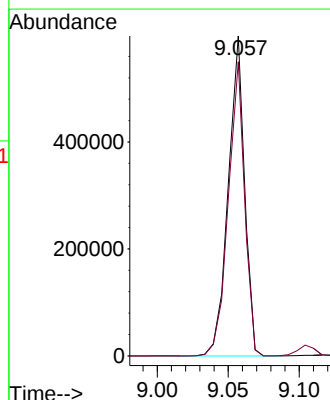
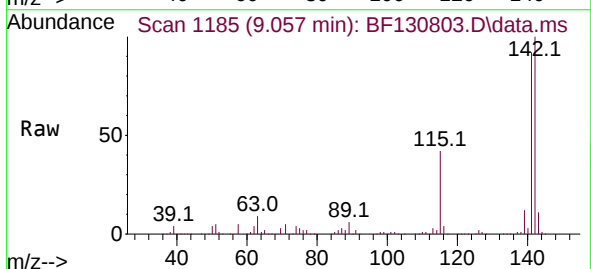
Acq: 27 Oct 2022 17:36

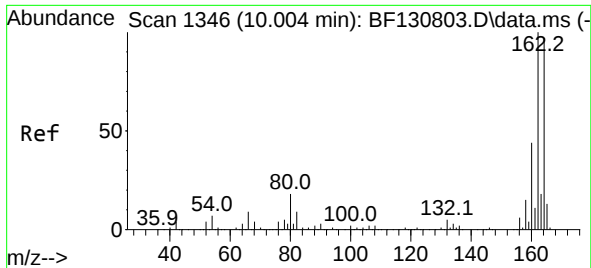
Tgt Ion:142 Resp: 479855

Ion Ratio Lower Upper

142 100

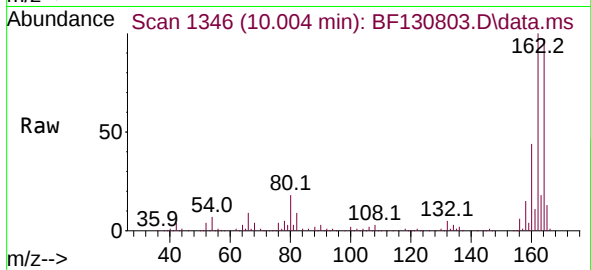
141 91.9 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

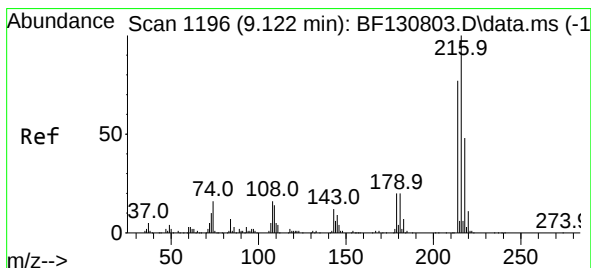
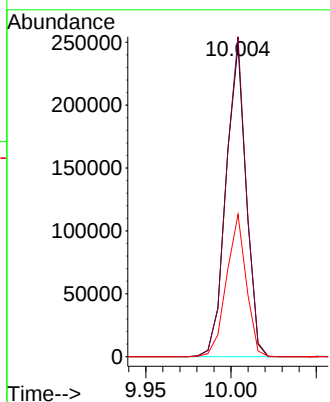
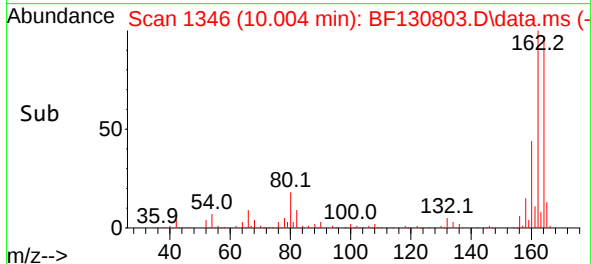
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



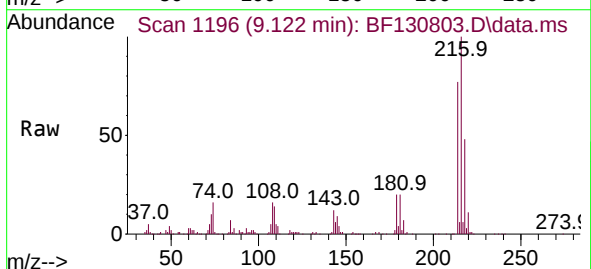
Tgt Ion:164 Resp: 203303
Ion Ratio Lower Upper
164 100
162 102.7 82.2 123.2
160 45.7 36.6 54.8

Manual Integrations
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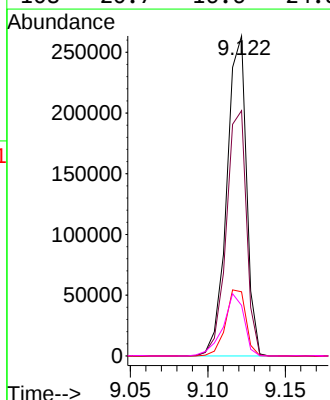
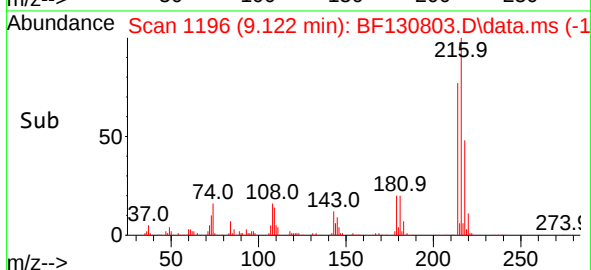
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

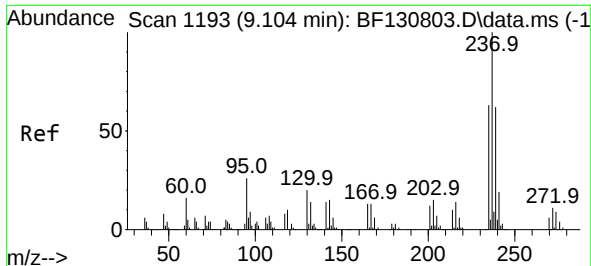


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.192 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36



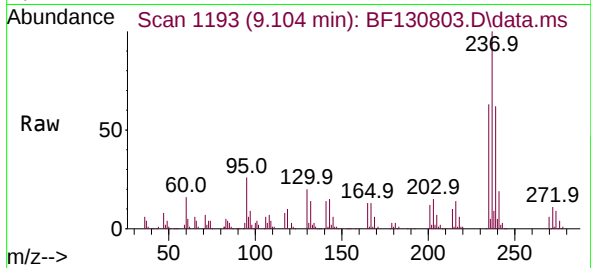
Tgt Ion:216 Resp: 234091
Ion Ratio Lower Upper
216 100
214 78.4 62.7 94.1
179 21.1 16.9 25.3
108 20.7 16.6 24.8





#41
Hexachlorocyclopentadiene
Concen: 44.098 ng
RT: 9.104 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

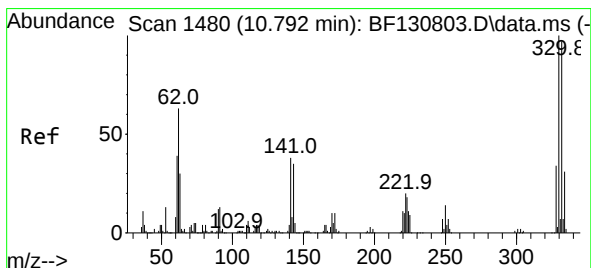
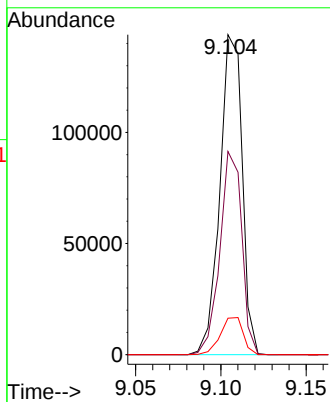
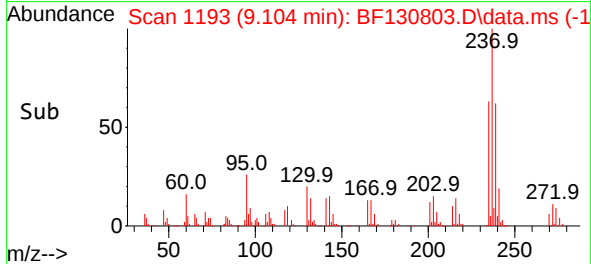
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



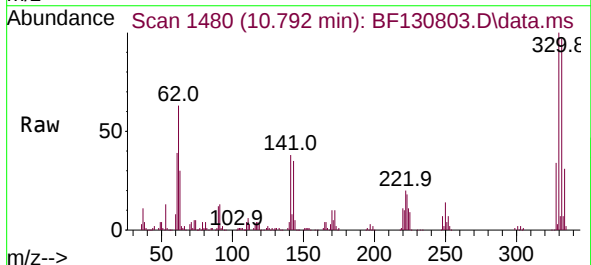
Tgt Ion:237 Resp: 130991
Ion Ratio Lower Upper
237 100
235 63.5 43.5 83.5
272 11.4 0.0 31.4

Manual Integrations
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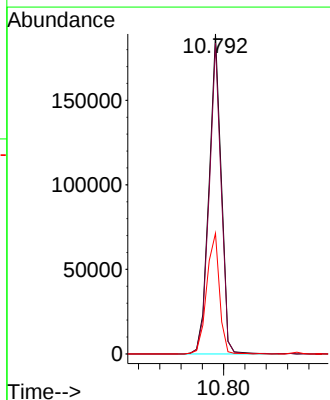
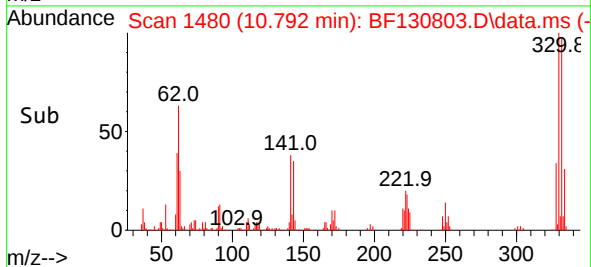
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

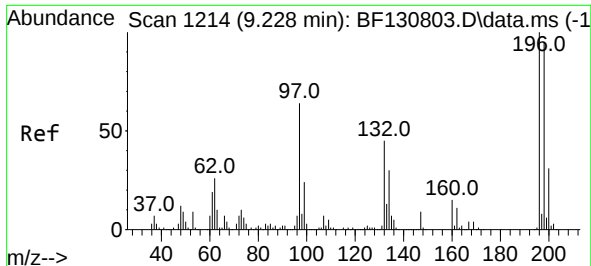


#42
2,4,6-Tribromophenol
Concen: 77.226 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36



Tgt Ion:330 Resp: 150439
Ion Ratio Lower Upper
330 100
332 95.3 76.2 114.4
141 39.2 31.4 47.0





#43

2,4,6-Trichlorophenol

Concen: 44.018 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF130803.D

Acq: 27 Oct 2022 17:36

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:196 Resp: 170446

Ion Ratio Lower Upper

196 100

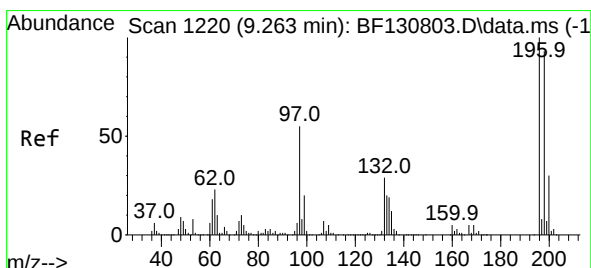
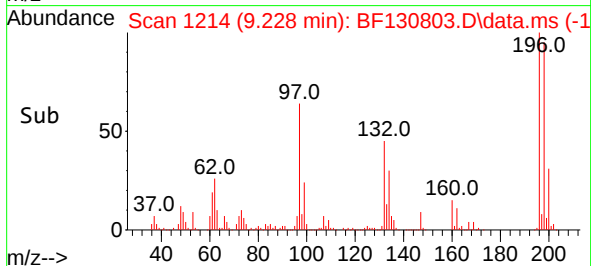
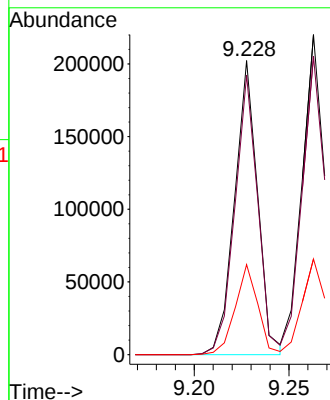
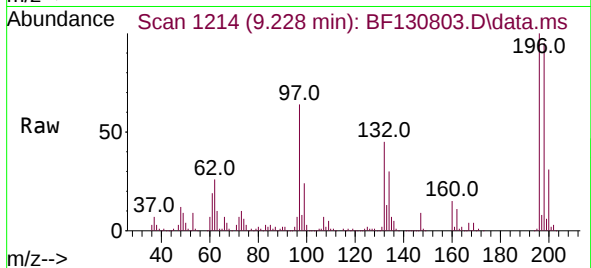
198 95.1 76.1 114.1

200 30.6 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#44

2,4,5-Trichlorophenol

Concen: 43.410 ng

RT: 9.263 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF130803.D

Acq: 27 Oct 2022 17:36

Tgt Ion:196 Resp: 181388

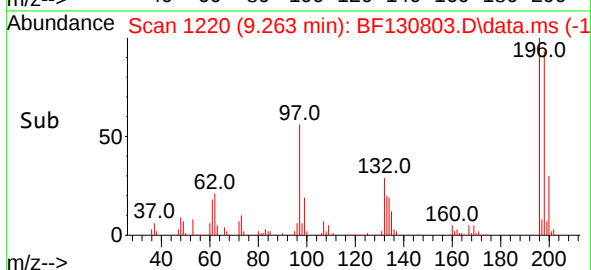
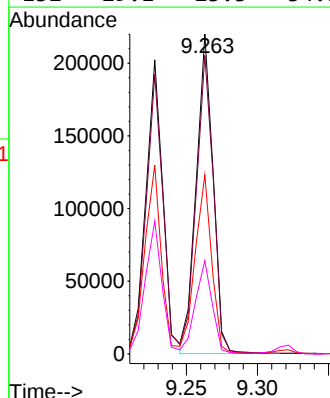
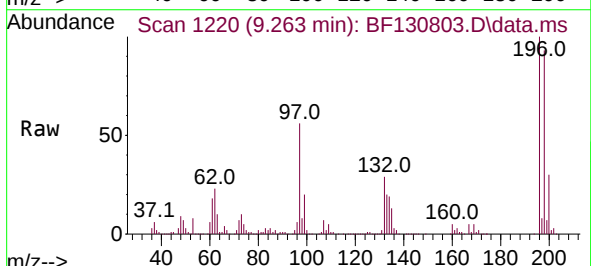
Ion Ratio Lower Upper

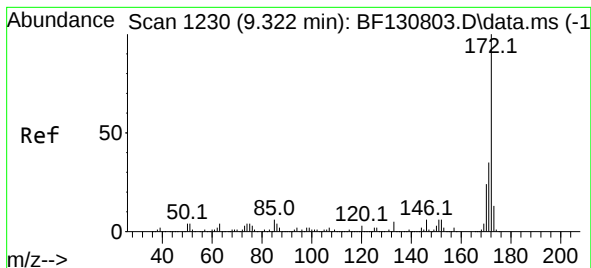
196 100

198 93.3 74.6 112.0

97 55.9 44.7 67.1

132 29.1 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 74.508 ng

RT: 9.322 min Scan# 1230

Delta R.T. 0.000 min

Lab File: BF130803.D

Acq: 27 Oct 2022 17:36

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:172 Resp: 1040233

Ion Ratio Lower Upper

172 100

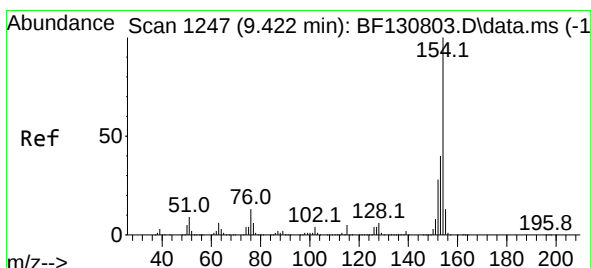
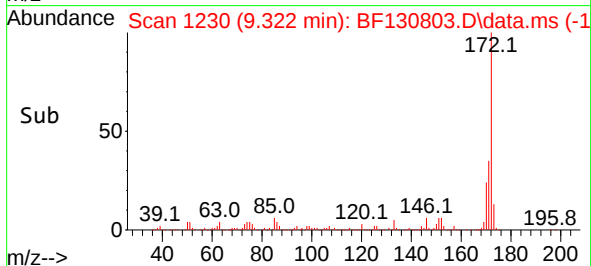
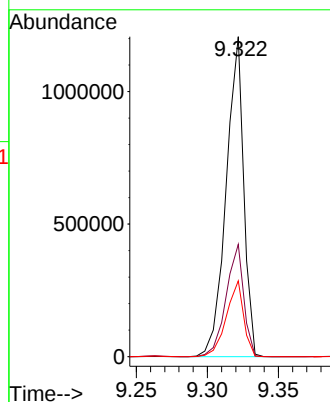
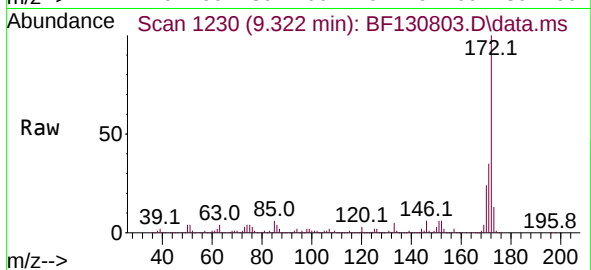
171 35.1 28.1 42.1

170 23.7 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#46

1,1'-Biphenyl

Concen: 39.027 ng

RT: 9.422 min Scan# 1247

Delta R.T. 0.000 min

Lab File: BF130803.D

Acq: 27 Oct 2022 17:36

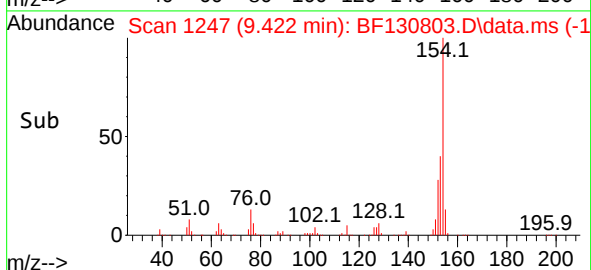
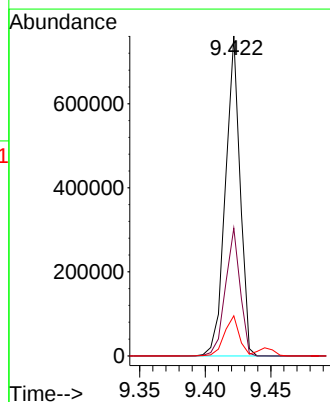
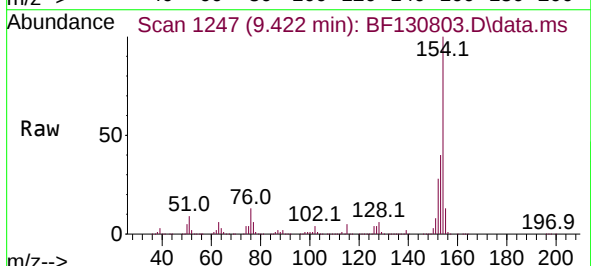
Tgt Ion:154 Resp: 592565

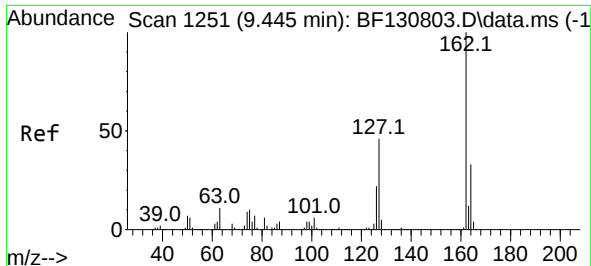
Ion Ratio Lower Upper

154 100

153 39.9 19.9 59.9

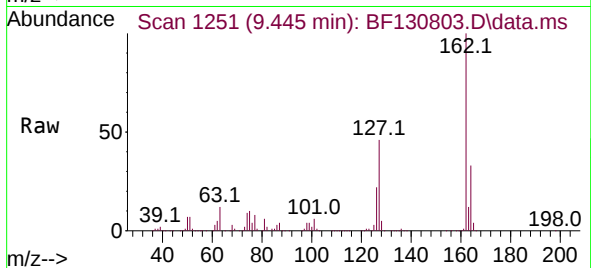
76 12.5 0.0 32.5





#47
2-Chloronaphthalene
Concen: 38.779 ng
RT: 9.445 min Scan# 1251
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

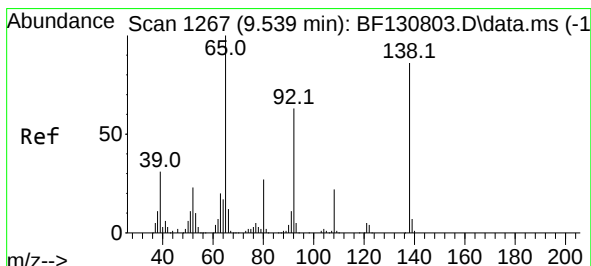
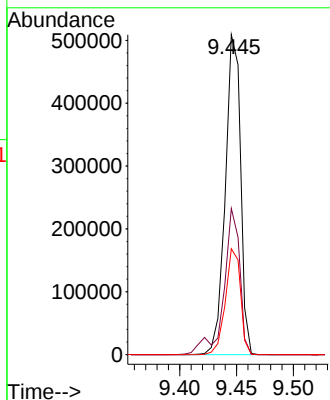
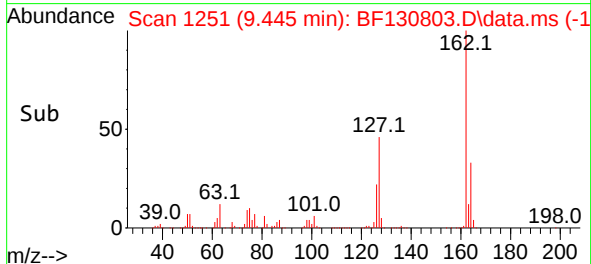
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



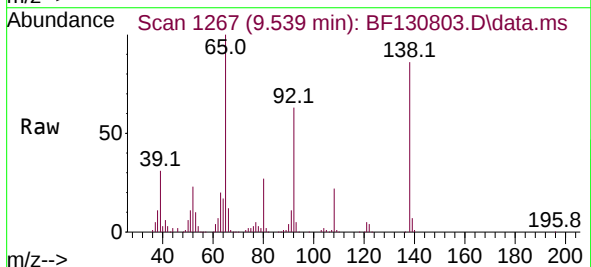
Tgt Ion: 162 Resp: 476302
Ion Ratio Lower Upper
162 100
127 45.7 36.6 54.8
164 33.1 26.5 39.7

Manual Integrations
APPROVED

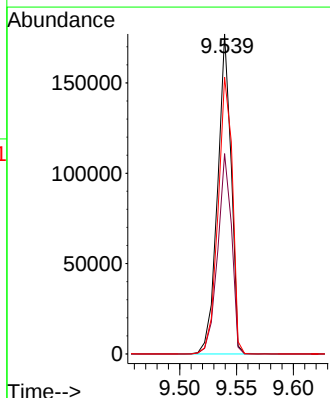
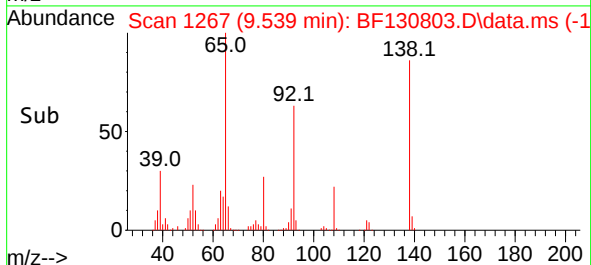
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

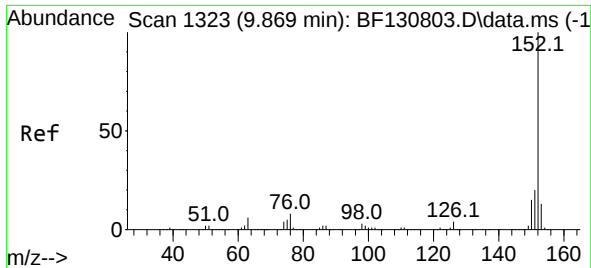


#48
2-Nitroaniline
Concen: 35.715 ng
RT: 9.539 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36



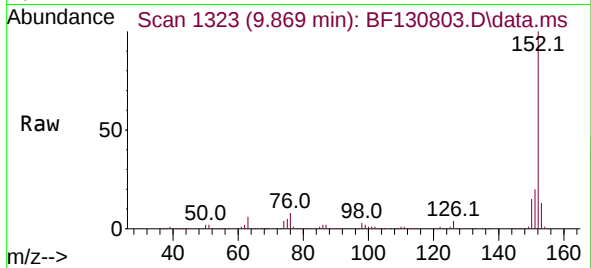
Tgt Ion: 65 Resp: 146309
Ion Ratio Lower Upper
65 100
92 62.6 50.1 75.1
138 86.5 69.2 103.8





#49
Acenaphthylene
Concen: 41.350 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

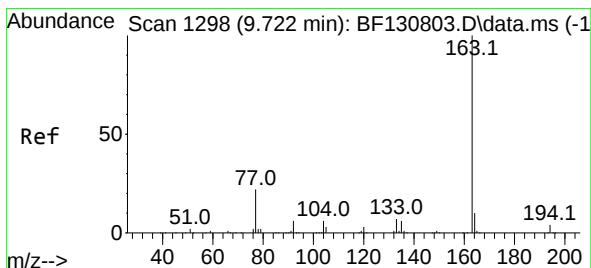
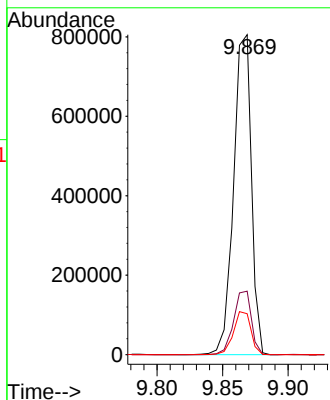
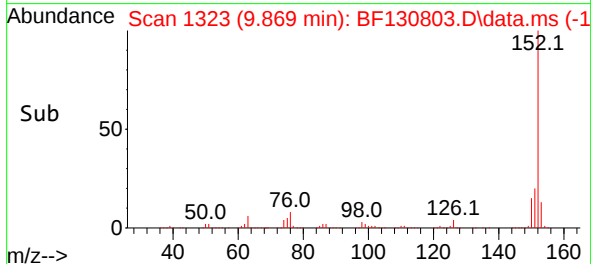
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



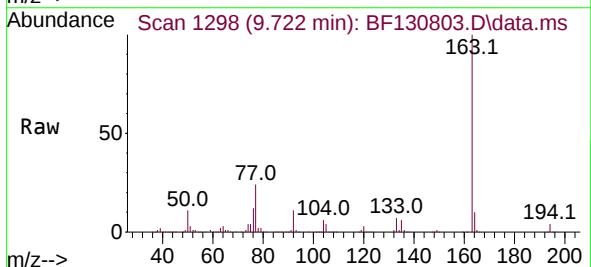
Tgt Ion:152 Resp: 761496
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 12.8 10.2 15.4

Manual Integrations
APPROVED

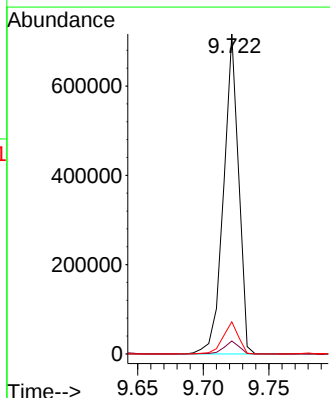
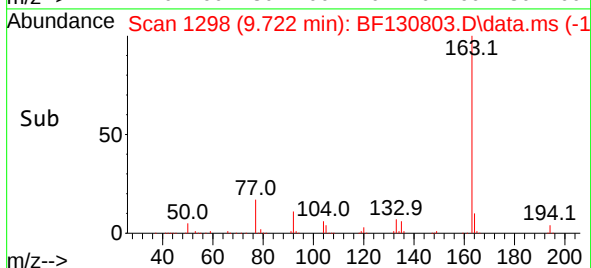
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

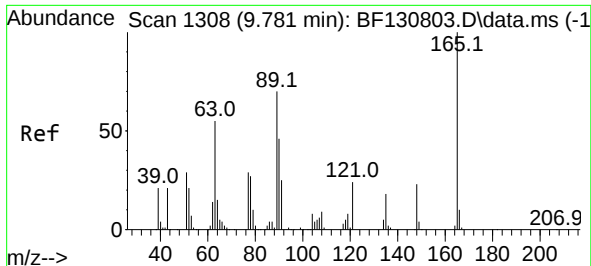


#50
Dimethylphthalate
Concen: 40.814 ng
RT: 9.722 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36



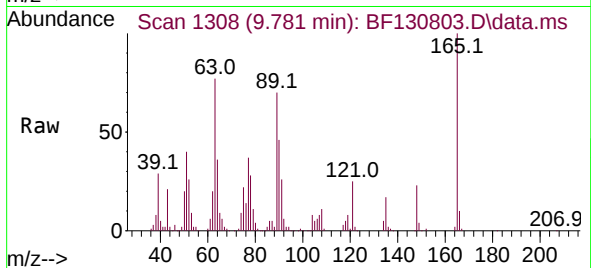
Tgt Ion:163 Resp: 573160
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.0 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 36.745 ng
RT: 9.781 min Scan# 1308
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

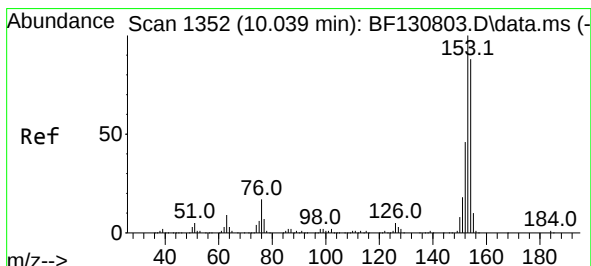
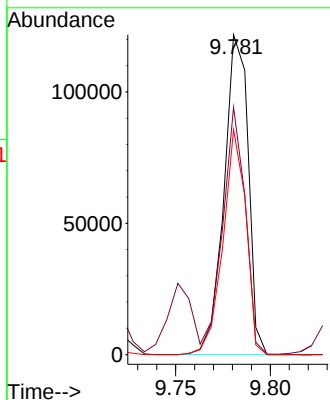
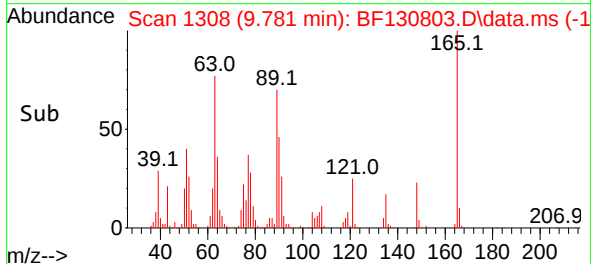
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



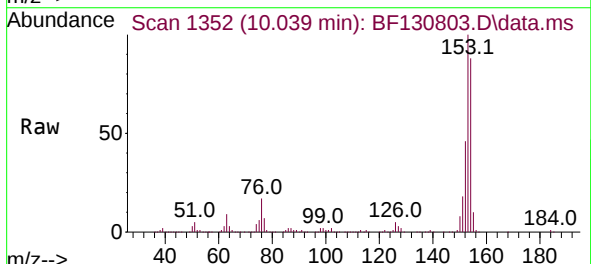
Tgt Ion:165 Resp: 107921
Ion Ratio Lower Upper
165 100
63 77.3 61.8 92.8
89 70.3 56.2 84.4

Manual Integrations
APPROVED

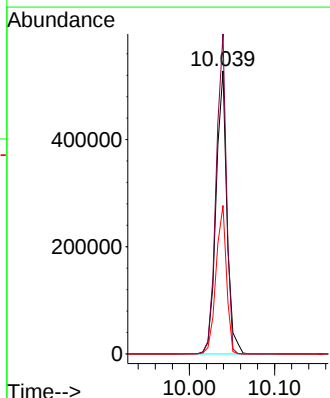
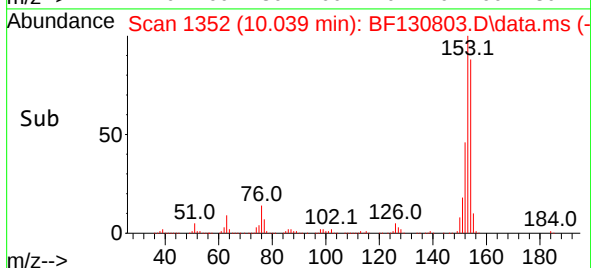
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

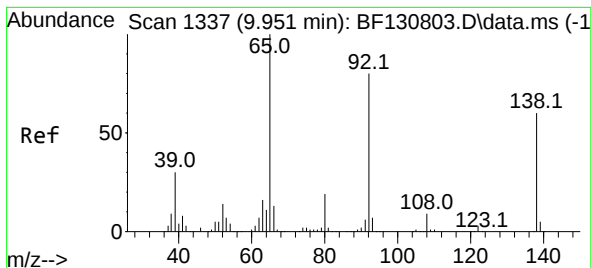


#52
Acenaphthene
Concen: 38.671 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36



Tgt Ion:154 Resp: 467904
Ion Ratio Lower Upper
154 100
153 113.1 90.5 135.7
152 52.5 42.0 63.0





#53
3-Nitroaniline
Concen: 37.250 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

Instrument :

BNA_F

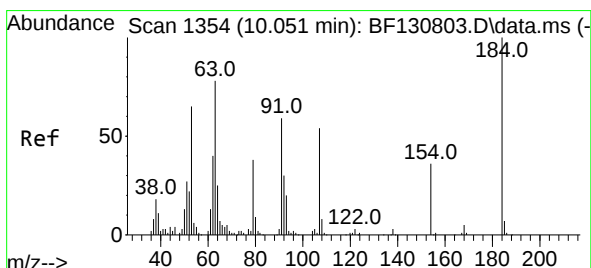
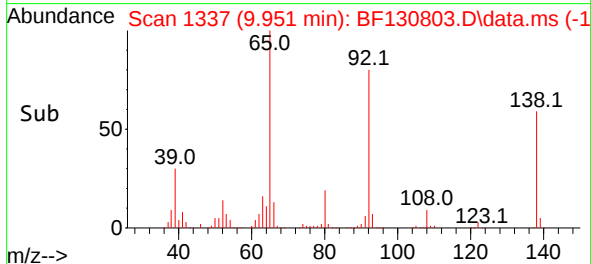
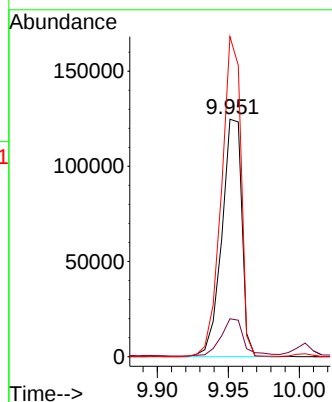
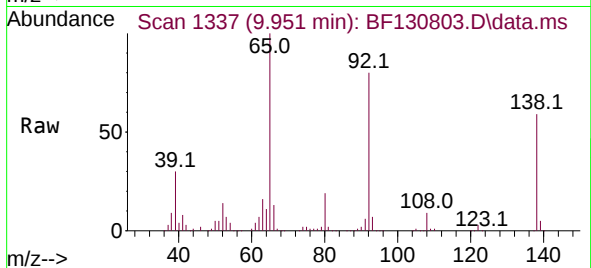
ClientSampleId :

SSTDICCC040

Tgt Ion:138 Resp: 121905
Ion Ratio Lower Upper
138 100
108 15.9 12.7 19.1
92 134.8 107.8 161.8

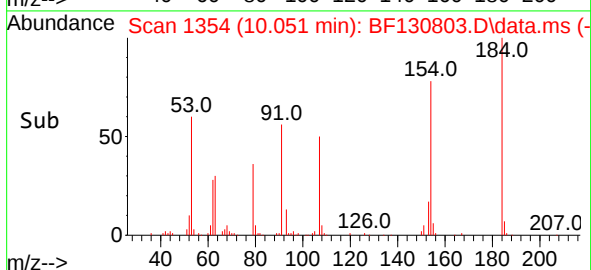
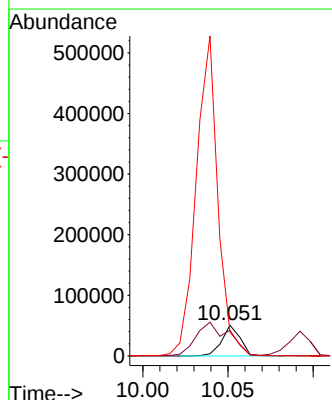
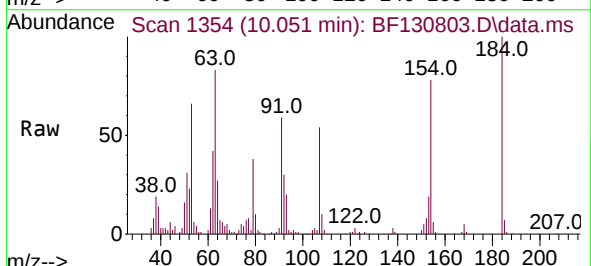
Manual Integrations
APPROVED

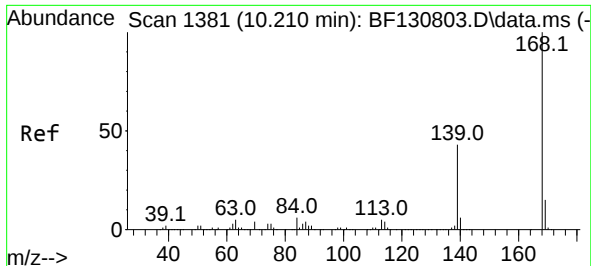
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#54
2,4-Dinitrophenol
Concen: 28.153 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

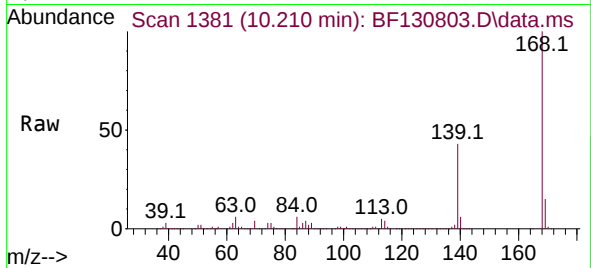
Tgt Ion:184 Resp: 37898
Ion Ratio Lower Upper
184 100
63 83.4 66.7 100.1
154 77.7 62.2 93.2





#55
Dibenzofuran
Concen: 39.959 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

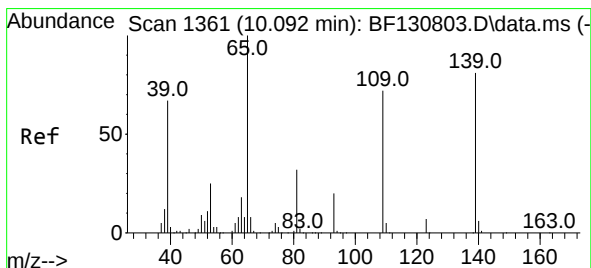
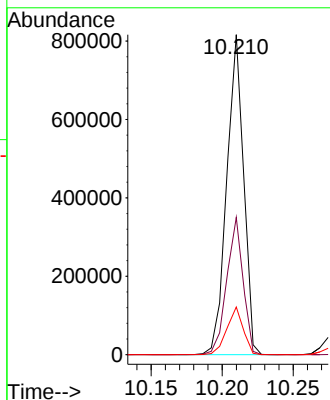
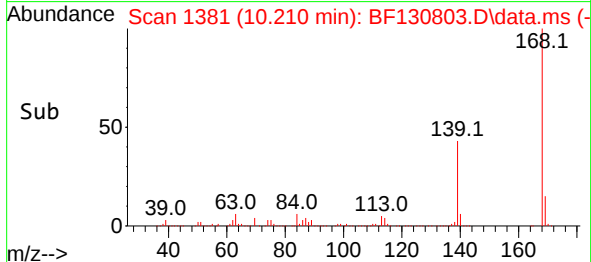
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



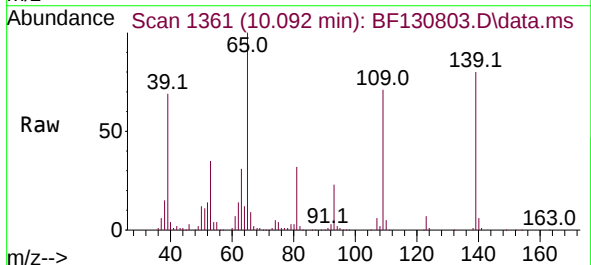
Tgt Ion:168 Resp: 672505
Ion Ratio Lower Upper
168 100
139 42.9 34.3 51.5
169 14.9 11.9 17.9

Manual Integrations
APPROVED

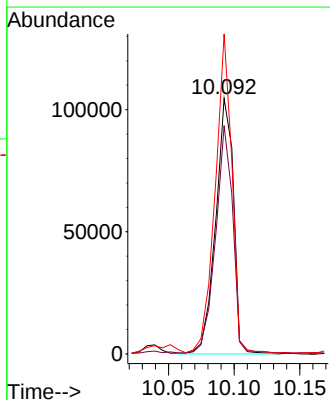
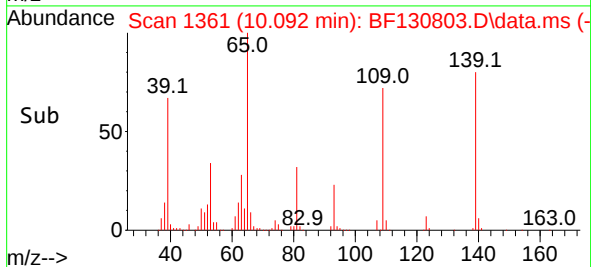
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

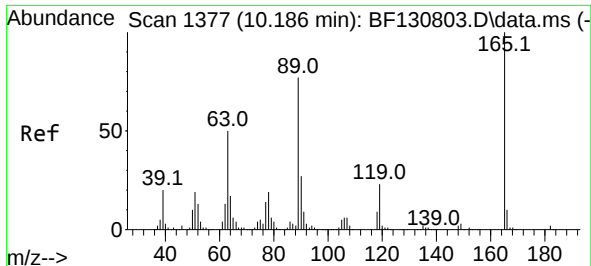


#56
4-Nitrophenol
Concen: 41.487 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36



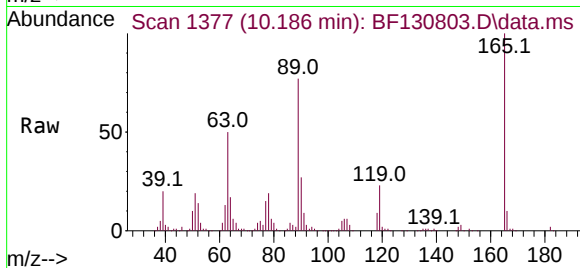
Tgt Ion:139 Resp: 98889
Ion Ratio Lower Upper
139 100
109 89.3 69.3 109.3
65 125.3 105.3 145.3





#57
2,4-Dinitrotoluene
Concen: 35.770 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

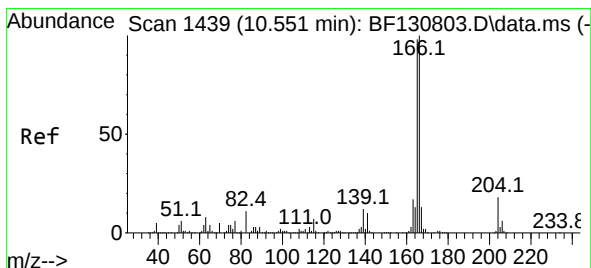
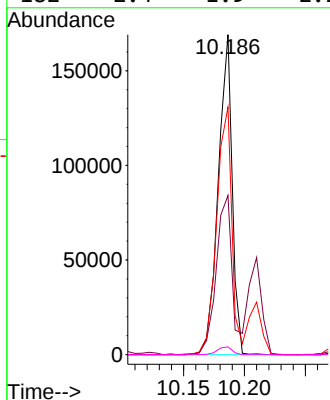
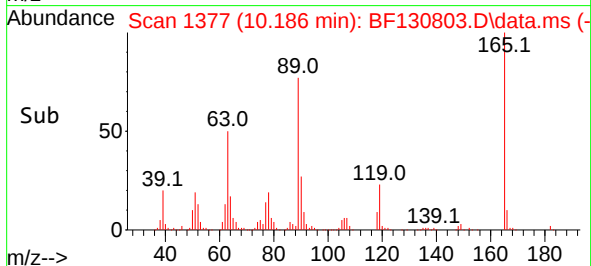
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



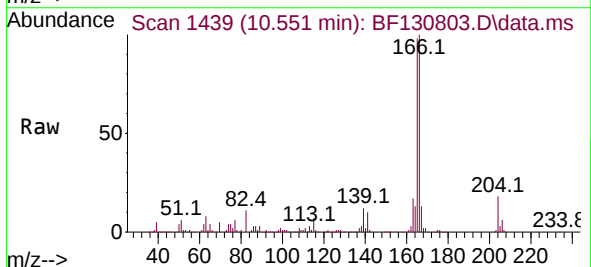
Tgt Ion:165 Resp: 134265
Ion Ratio Lower Upper
165 100
63 49.7 39.8 59.6
89 77.4 61.9 92.9
182 2.4 1.9 2.9

Manual Integrations
APPROVED

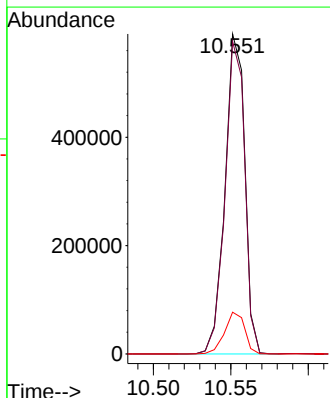
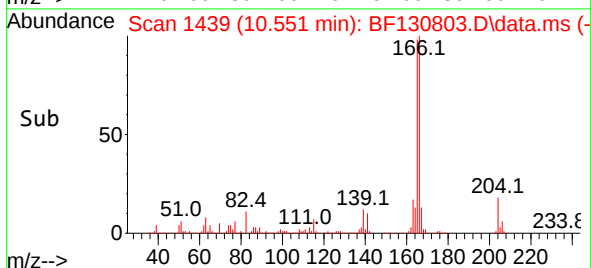
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

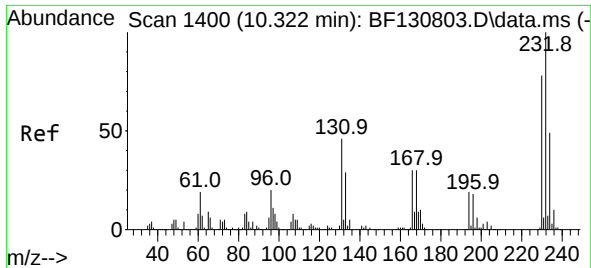


#58
Fluorene
Concen: 38.272 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36



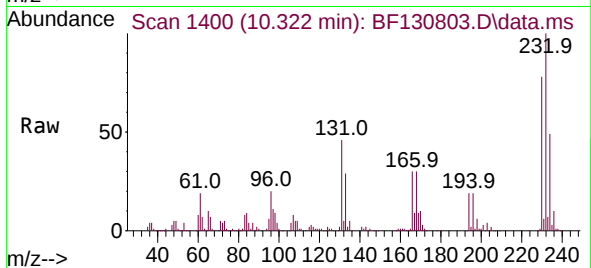
Tgt Ion:166 Resp: 526764
Ion Ratio Lower Upper
166 100
165 97.6 78.1 117.1
167 13.0 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.699 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

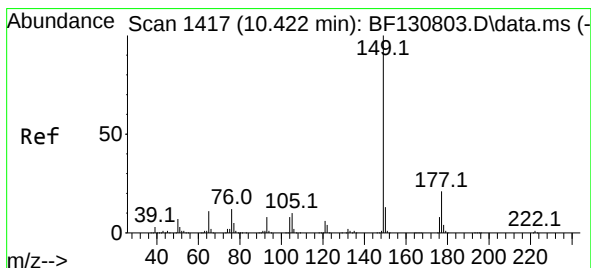
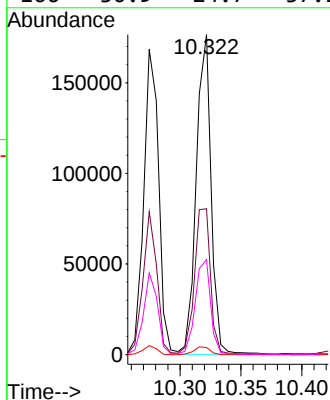
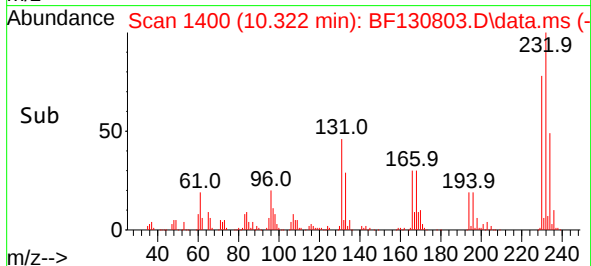
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



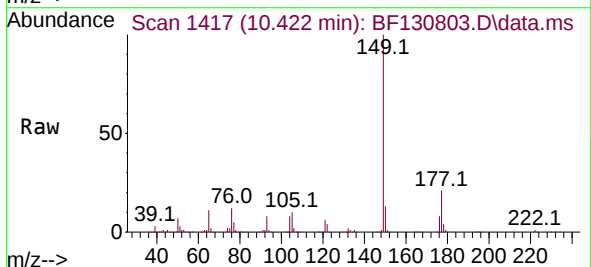
Tgt Ion:232 Resp: 149463
Ion Ratio Lower Upper
232 100
131 49.5 39.6 59.4
130 2.6 2.1 3.1
166 30.9 24.7 37.1

Manual Integrations
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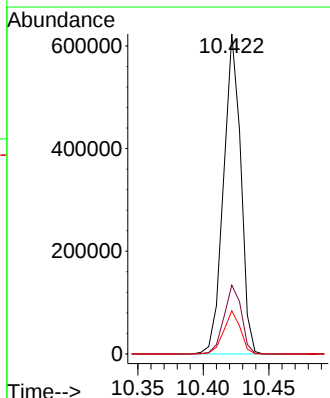
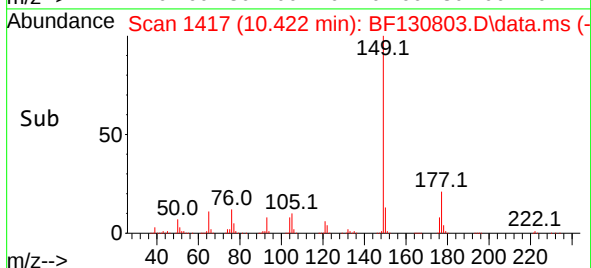
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

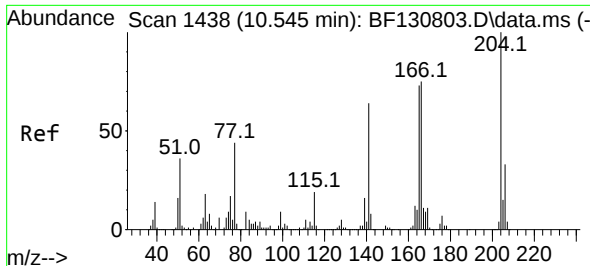


#60
Diethylphthalate
Concen: 40.358 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36



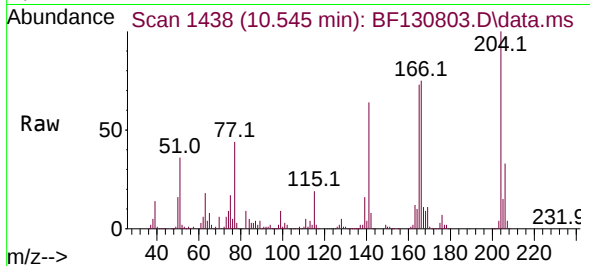
Tgt Ion:149 Resp: 568348
Ion Ratio Lower Upper
149 100
177 21.5 17.2 25.8
150 13.5 10.8 16.2





#61
4-Chlorophenyl-phenylether
Concen: 41.308 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

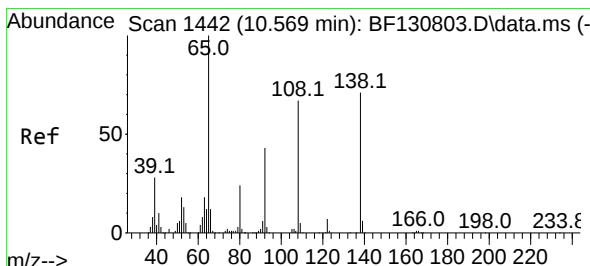
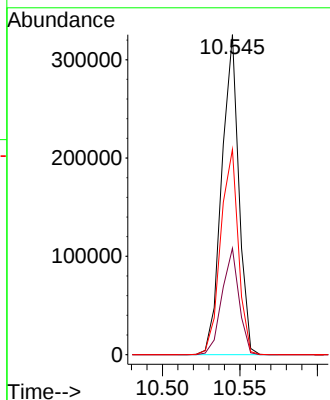
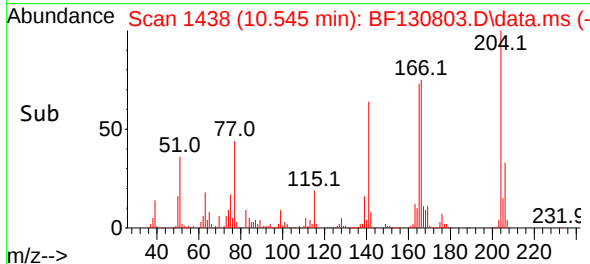
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



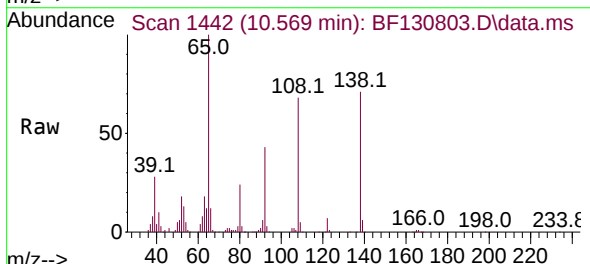
Tgt Ion:204 Resp: 249413
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 64.1 51.3 76.9

Manual Integrations
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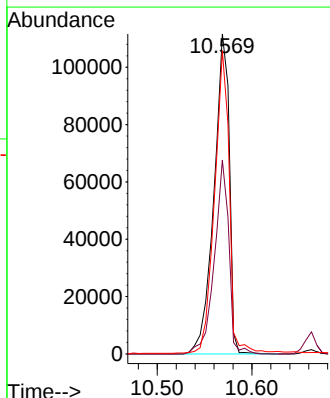
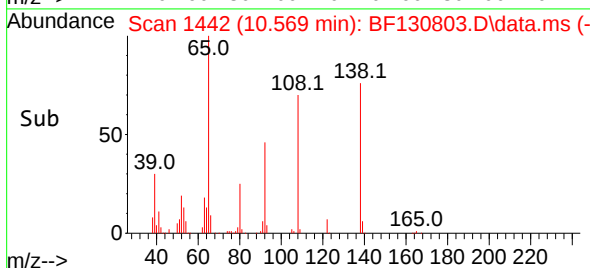
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

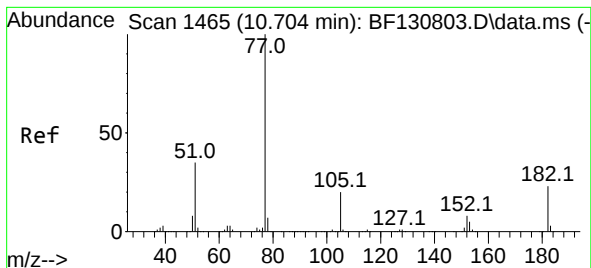


#62
4-Nitroaniline
Concen: 38.163 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36



Tgt Ion:138 Resp: 125466
Ion Ratio Lower Upper
138 100
92 60.6 40.6 80.6
108 94.7 74.7 114.7





#63

Azobenzene

Concen: 41.274 ng

RT: 10.704 min Scan# 1465

Delta R.T. 0.000 min

Lab File: BF130803.D

Acq: 27 Oct 2022 17:36

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 77 Resp: 598514

Ion Ratio Lower Upper

77 100

182 22.6 2.6 42.6

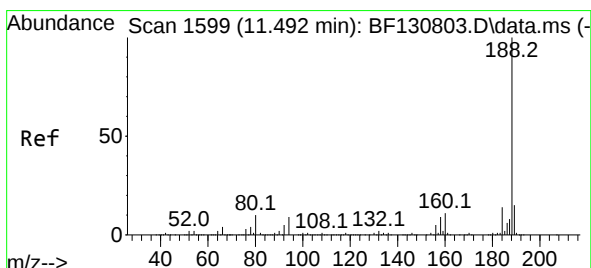
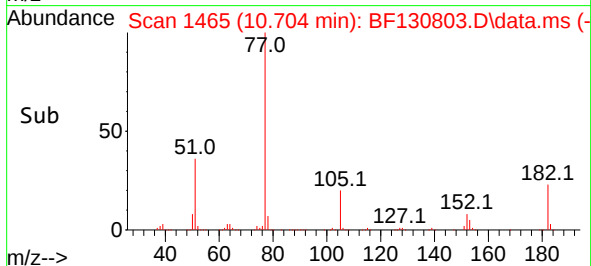
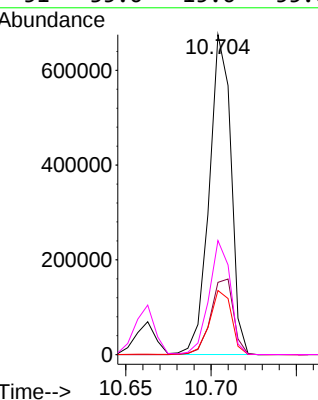
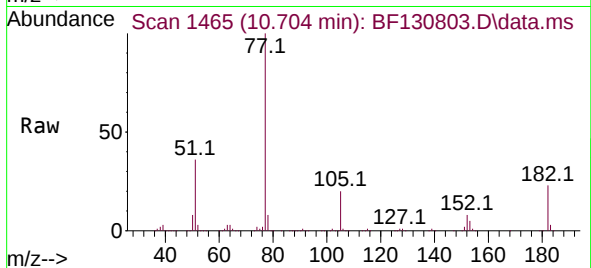
105 20.0 0.0 40.0

51 35.6 15.6 55.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.492 min Scan# 1599

Delta R.T. 0.000 min

Lab File: BF130803.D

Acq: 27 Oct 2022 17:36

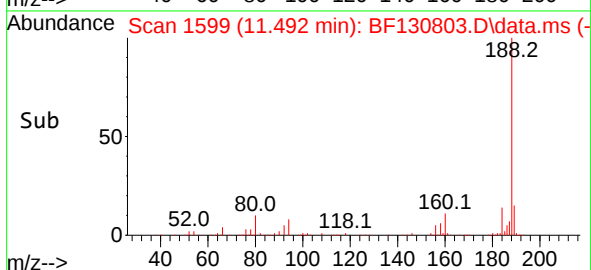
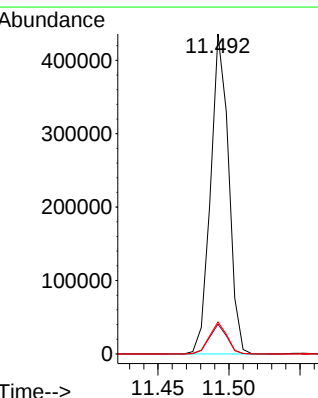
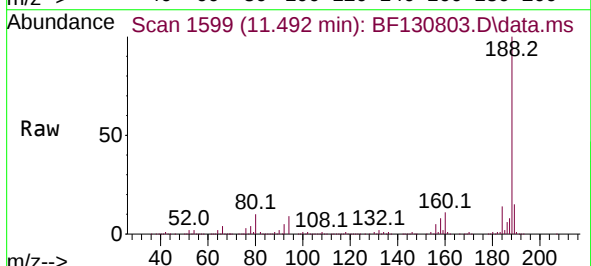
Tgt Ion:188 Resp: 384639

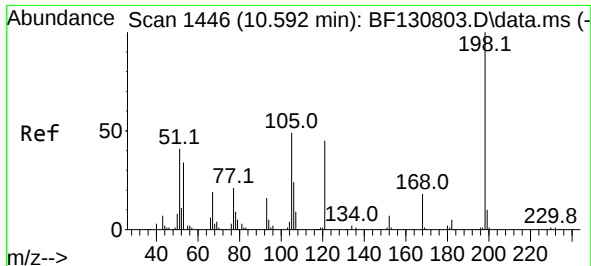
Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.2

80 10.0 8.0 12.0





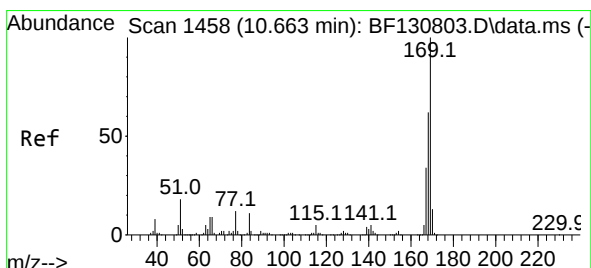
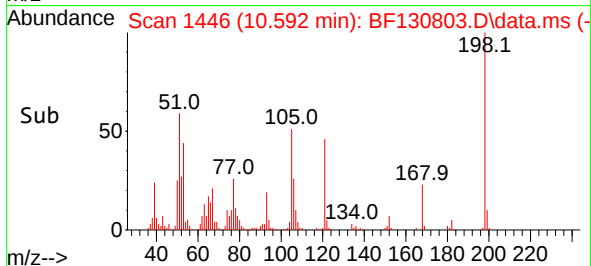
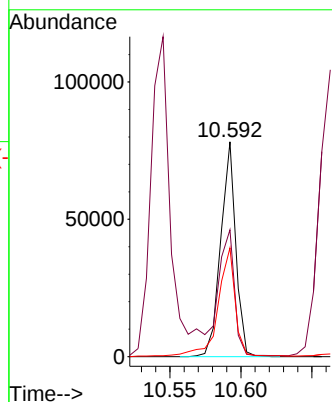
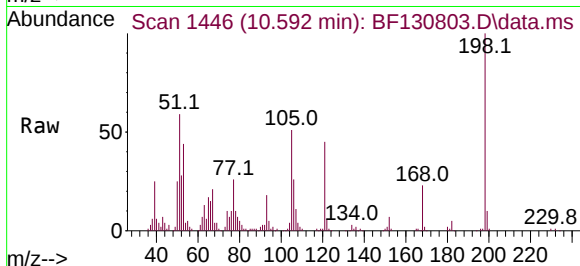
#65
4,6-Dinitro-2-methylphenol
Concen: 27.008 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 57828
Ion Ratio Lower Upper
198 100
51 59.0 39.0 79.0
105 50.6 30.6 70.6

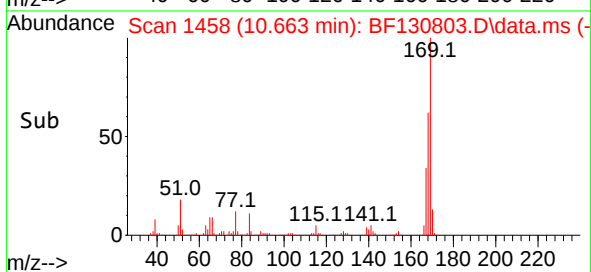
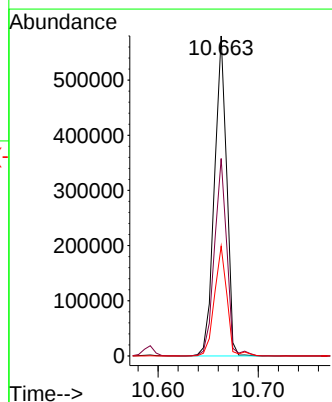
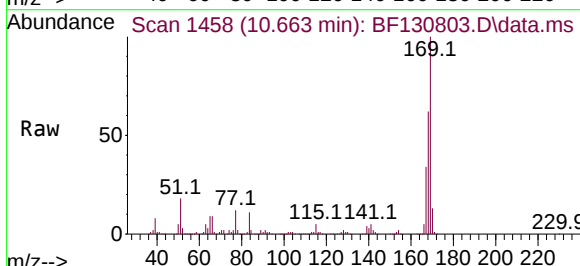
Manual Integrations
APPROVED

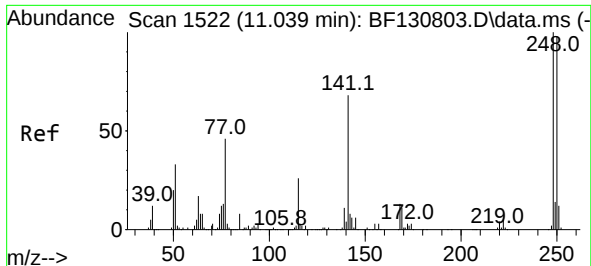
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#66
n-Nitrosodiphenylamine
Concen: 38.095 ng
RT: 10.663 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

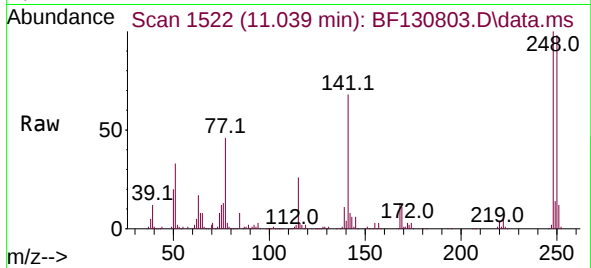
Tgt Ion:169 Resp: 489656
Ion Ratio Lower Upper
169 100
168 61.7 49.4 74.0
167 34.3 27.4 41.2





#67
4-Bromophenyl-phenylether
Concen: 37.627 ng
RT: 11.039 min Scan# 1522
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

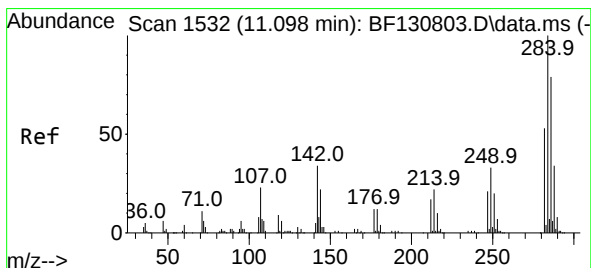
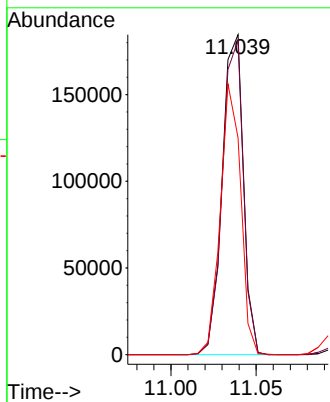
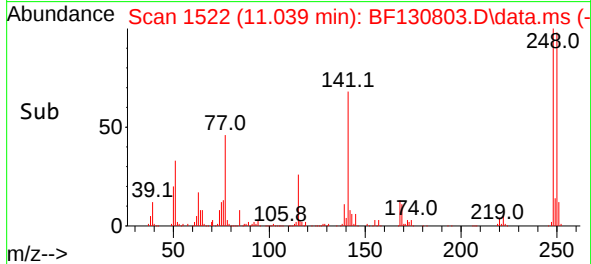
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



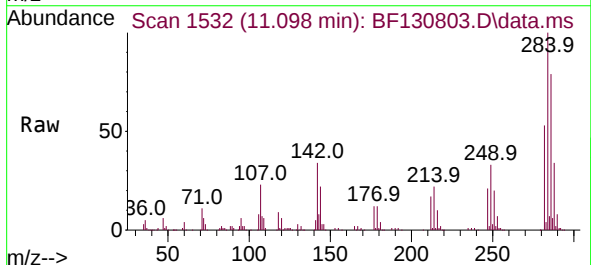
Tgt Ion:248 Resp: 159658
Ion Ratio Lower Upper
248 100
250 98.2 78.6 117.8
141 67.8 54.2 81.4

Manual Integrations
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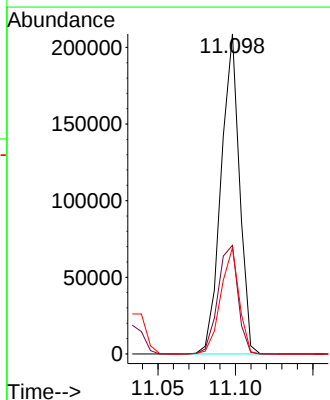
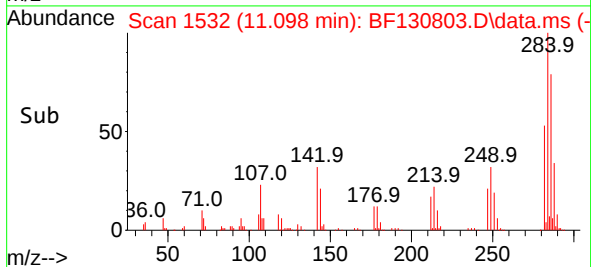
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

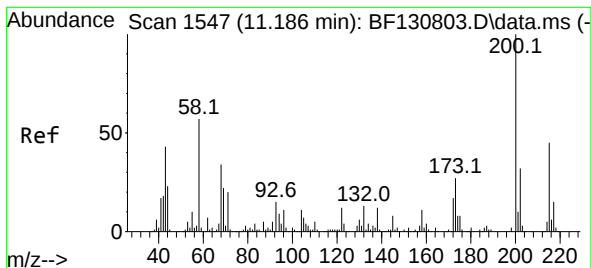


#68
Hexachlorobenzene
Concen: 35.937 ng
RT: 11.098 min Scan# 1532
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36



Tgt Ion:284 Resp: 172857
Ion Ratio Lower Upper
284 100
142 33.9 27.1 40.7
249 33.2 26.6 39.8





#69

Atrazine

Concen: 38.988 ng

RT: 11.186 min Scan# 1547

Delta R.T. 0.000 min

Lab File: BF130803.D

Acq: 27 Oct 2022 17:36

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:200 Resp: 146450

Ion Ratio Lower Upper

200 100

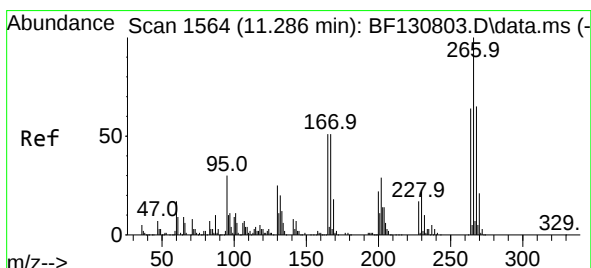
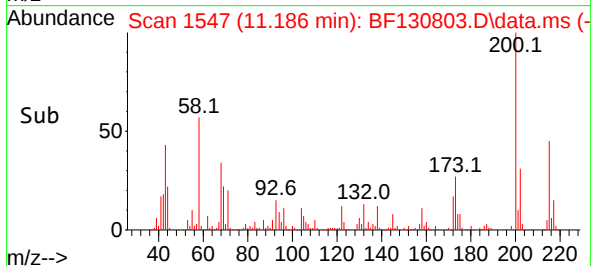
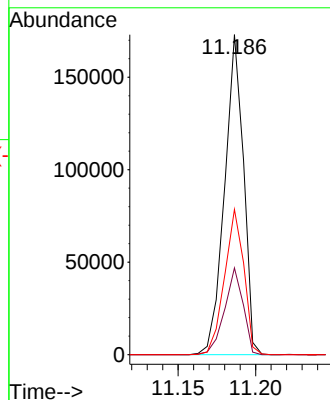
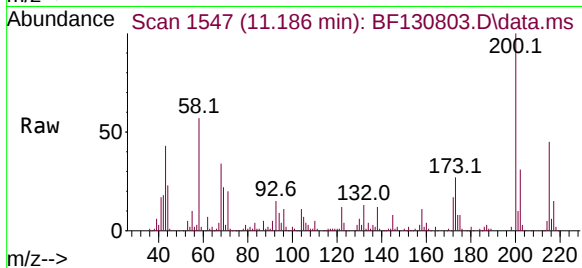
173 27.1 7.1 47.1

215 45.4 25.4 65.4

Manual Integrations

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Supervised By :mohammad ahmed 11/04/2022



#70

Pentachlorophenol

Concen: 40.927 ng

RT: 11.286 min Scan# 1564

Delta R.T. 0.000 min

Lab File: BF130803.D

Acq: 27 Oct 2022 17:36

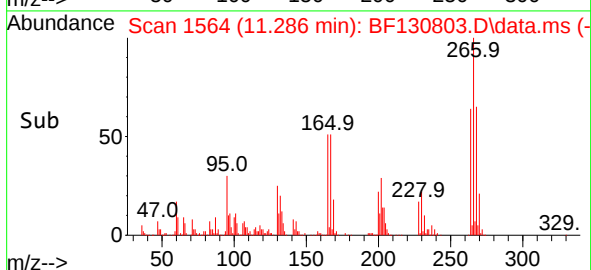
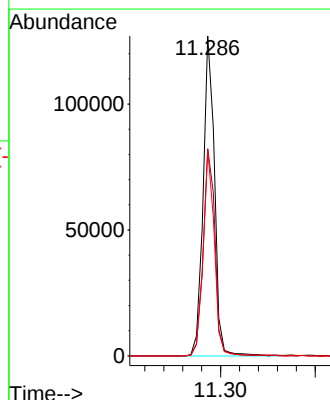
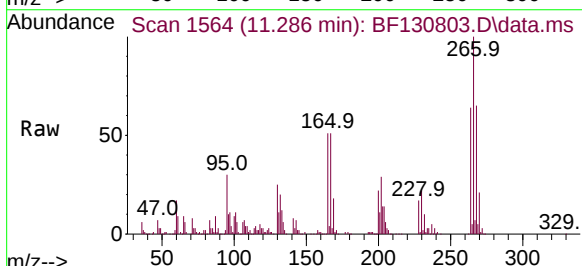
Tgt Ion:266 Resp: 105650

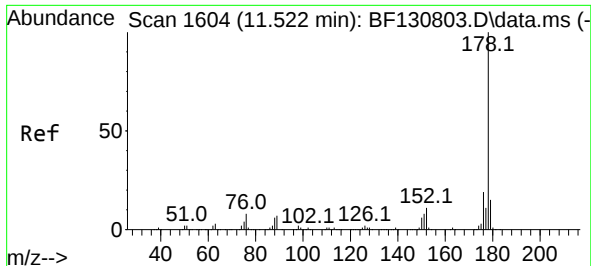
Ion Ratio Lower Upper

266 100

268 64.7 51.8 77.6

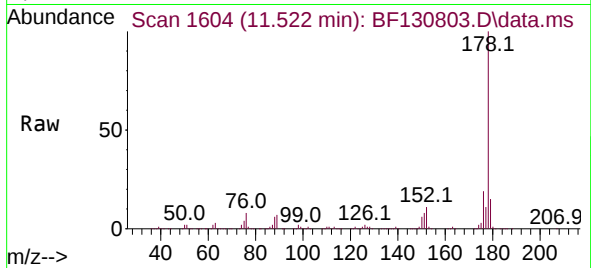
264 64.5 51.6 77.4





#71
Phenanthrene
Concen: 37.342 ng
RT: 11.522 min Scan# 1604
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

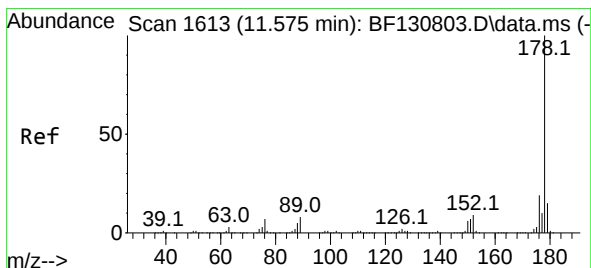
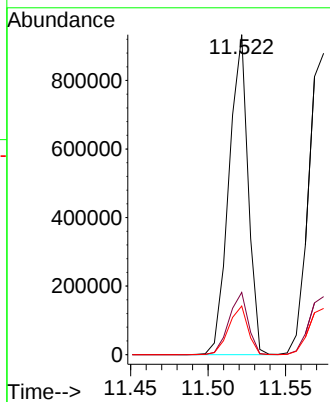
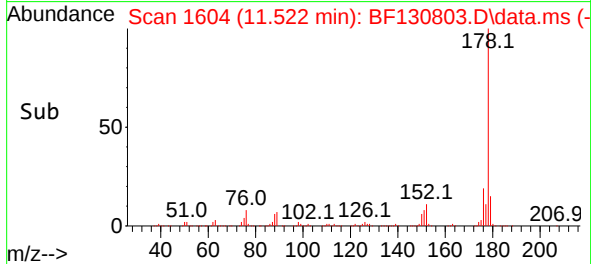
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



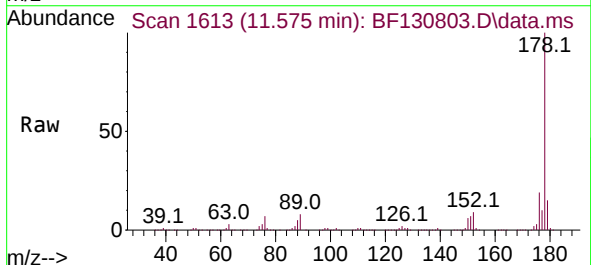
Tgt Ion:178 Resp: 806420
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.2 12.2 18.2

Manual Integrations
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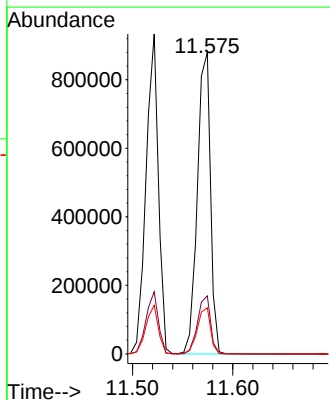
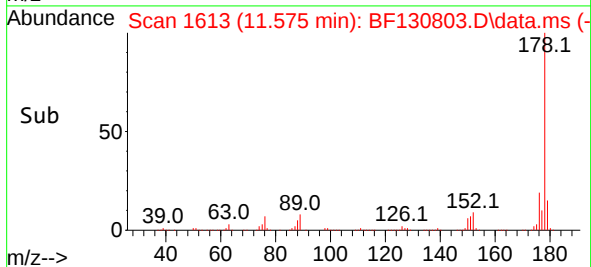
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

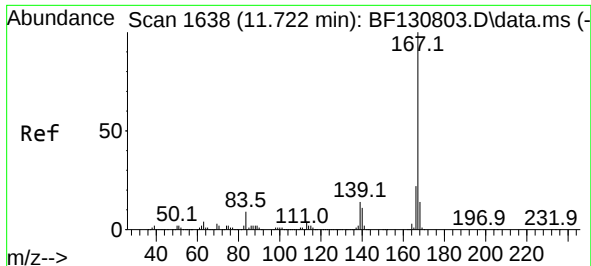


#72
Anthracene
Concen: 38.235 ng
RT: 11.575 min Scan# 1613
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36



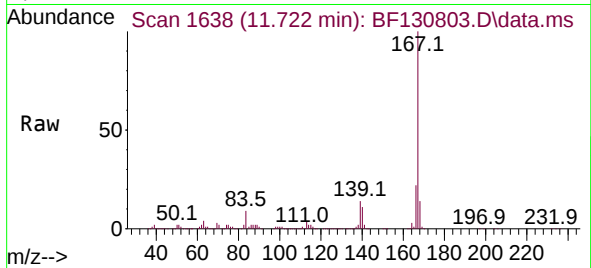
Tgt Ion:178 Resp: 796822
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.3 12.2 18.4





#73
 Carbazole
 Concen: 37.888 ng
 RT: 11.722 min Scan# 1638
 Delta R.T. 0.000 min
 Lab File: BF130803.D
 Acq: 27 Oct 2022 17:36

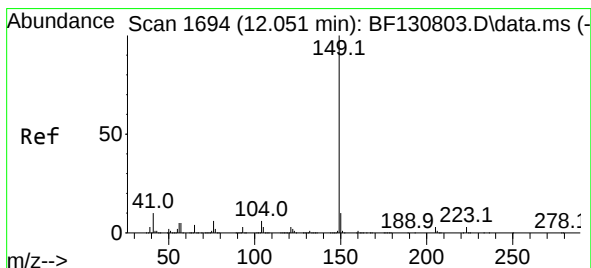
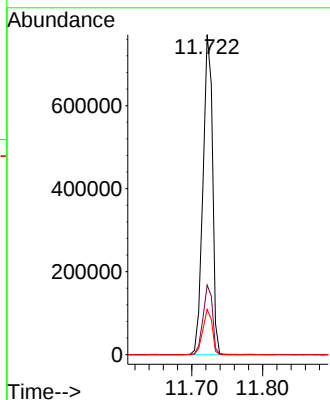
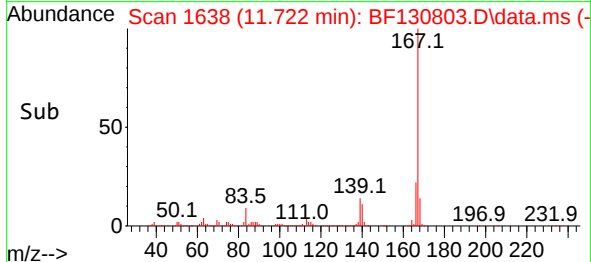
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040



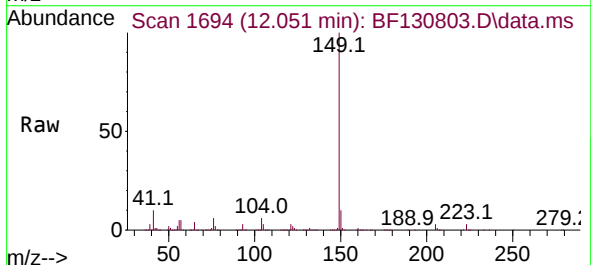
Tgt Ion:167 Resp: 712578
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 14.1 11.3 16.9

Manual Integrations
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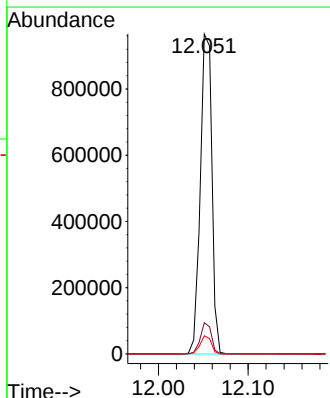
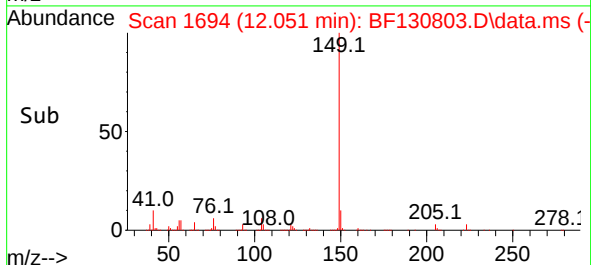
Reviewed By :Christian Giraldo 10/28/2022
 Supervised By :mohammad ahmed 11/04/2022

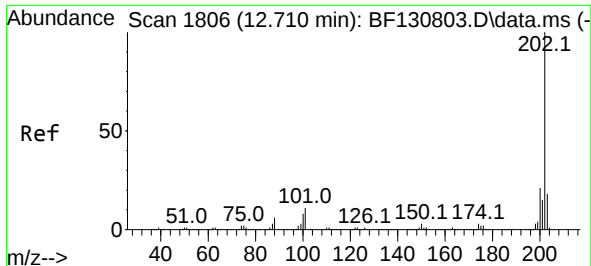


#74
 Di-n-butylphthalate
 Concen: 38.271 ng
 RT: 12.051 min Scan# 1694
 Delta R.T. 0.000 min
 Lab File: BF130803.D
 Acq: 27 Oct 2022 17:36



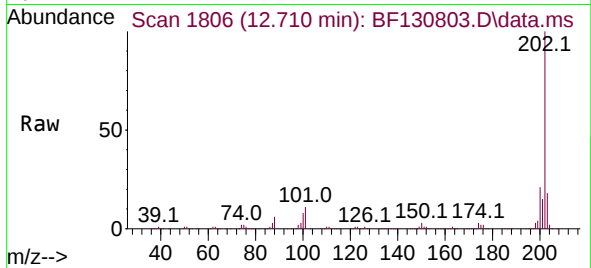
Tgt Ion:149 Resp: 867990
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.6
 104 5.7 4.6 6.8





#75
Fluoranthene
Concen: 40.820 ng
RT: 12.710 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

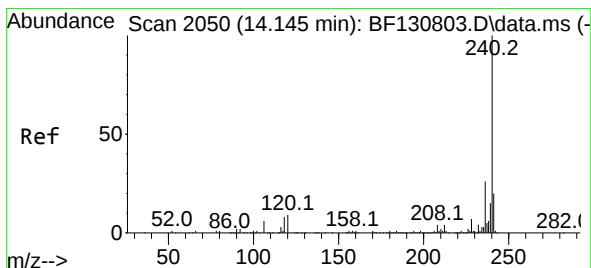
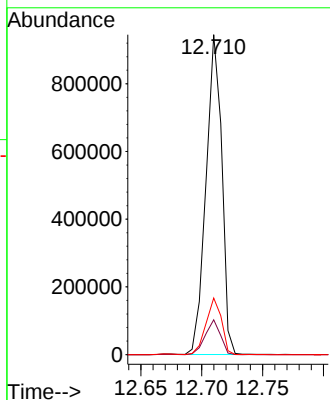
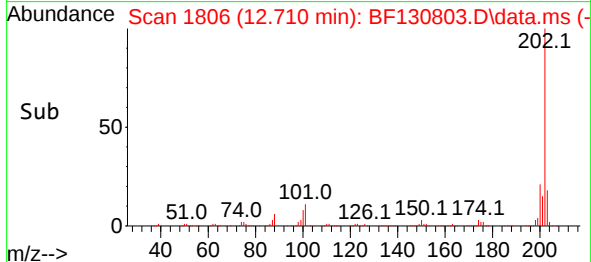
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



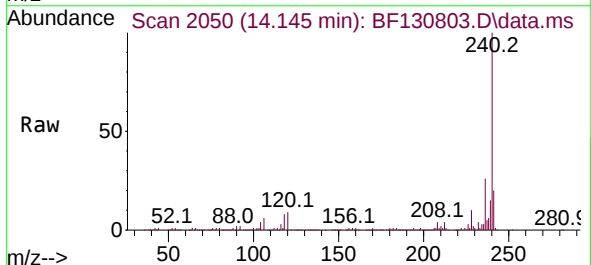
Tgt Ion:202 Resp: 851804
Ion Ratio Lower Upper
202 100
101 10.9 0.0 30.9
203 17.7 0.0 37.7

Manual Integrations
APPROVED

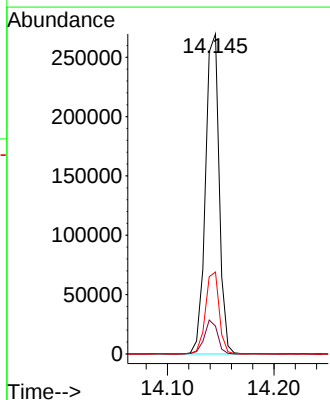
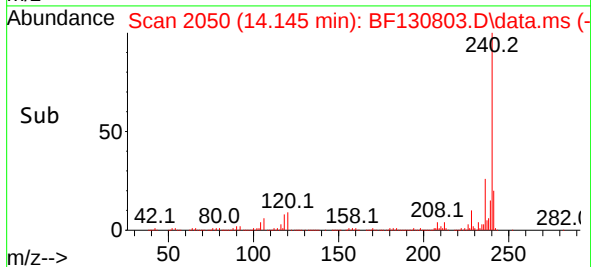
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

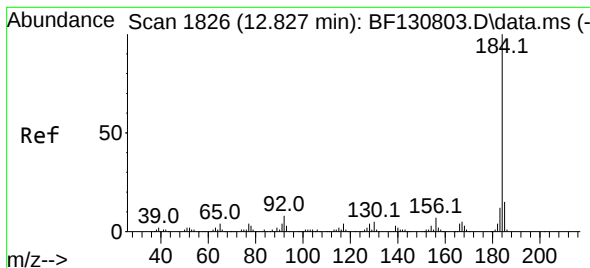


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2050
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36



Tgt Ion:240 Resp: 240531
Ion Ratio Lower Upper
240 100
120 8.7 7.0 10.4
236 25.6 20.5 30.7





#77

Benzidine

Concen: 34.656 ng

RT: 12.827 min Scan# 1826

Delta R.T. 0.000 min

Lab File: BF130803.D

Acq: 27 Oct 2022 17:36

Instrument :

BNA_F

ClientSampleId :

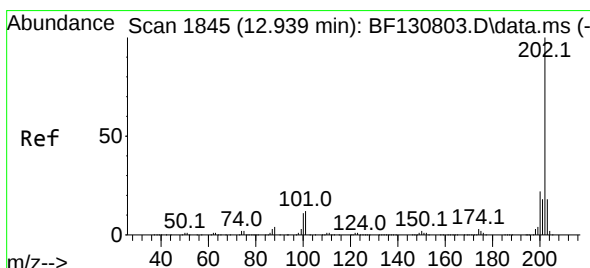
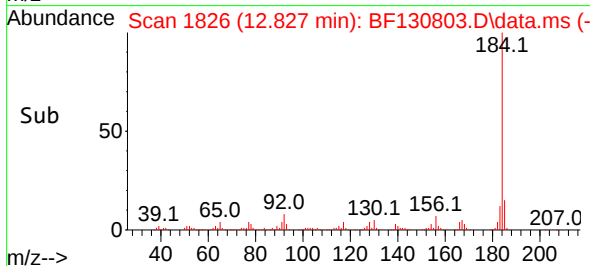
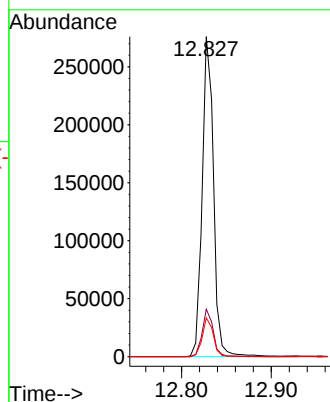
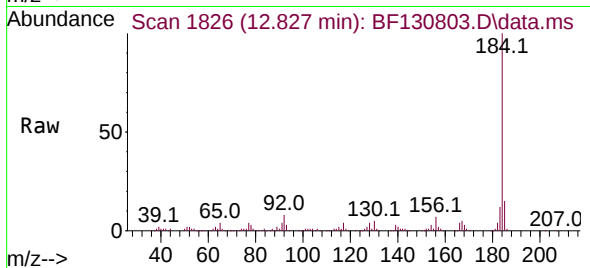
SSTDICCC040

Tgt Ion:184	Resp: 241983
Ion Ratio	Lower Upper
184	100
185	14.8 11.8 17.8
183	12.1 9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#78

Pyrene

Concen: 40.747 ng

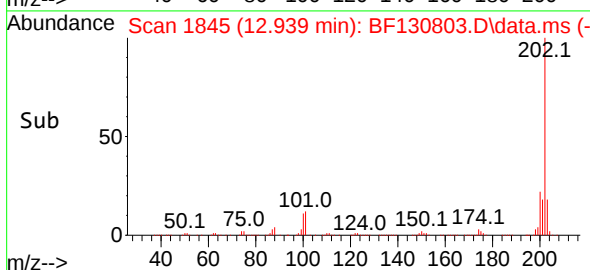
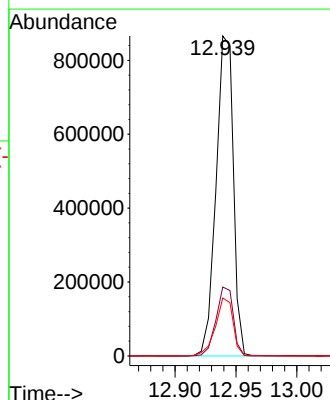
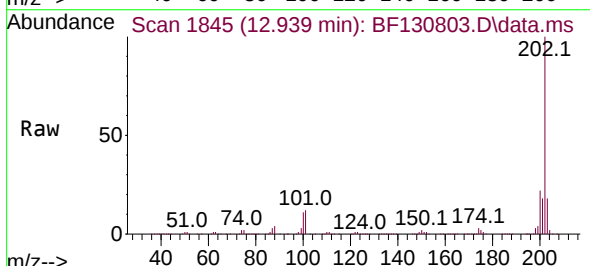
RT: 12.939 min Scan# 1845

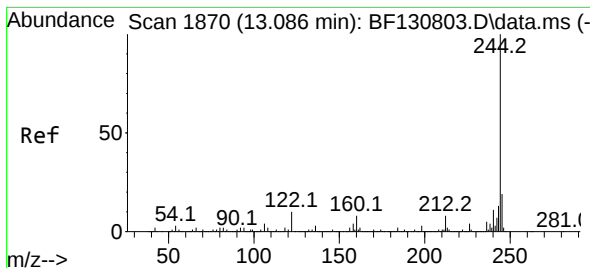
Delta R.T. 0.000 min

Lab File: BF130803.D

Acq: 27 Oct 2022 17:36

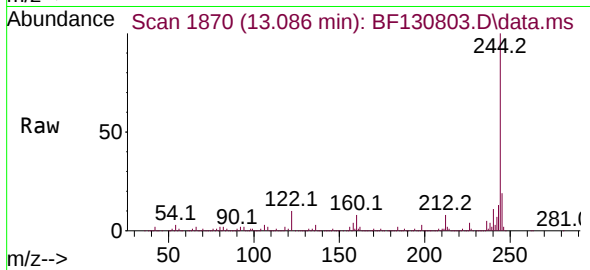
Tgt Ion:202	Resp: 857386
Ion Ratio	Lower Upper
202	100
200	21.5 17.2 25.8
203	18.1 14.5 21.7





#79
 Terphenyl-d14
 Concen: 74.319 ng
 RT: 13.086 min Scan# 1870
 Delta R.T. 0.000 min
 Lab File: BF130803.D
 Acq: 27 Oct 2022 17:36

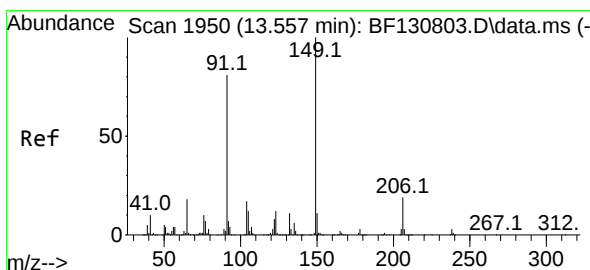
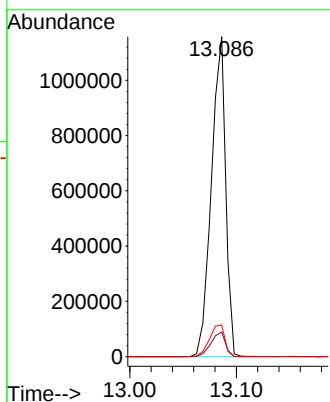
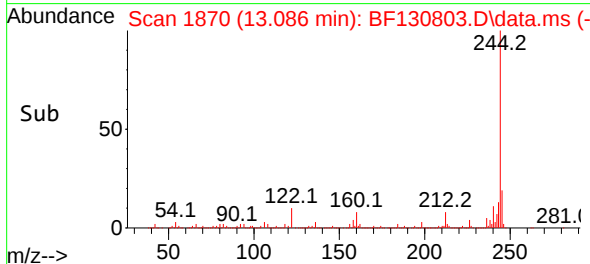
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040



Tgt Ion:244 Resp: 1079153
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 9.9 7.9 11.9

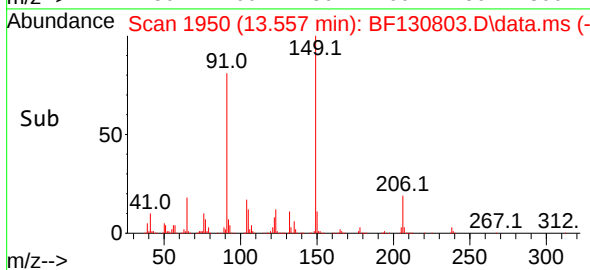
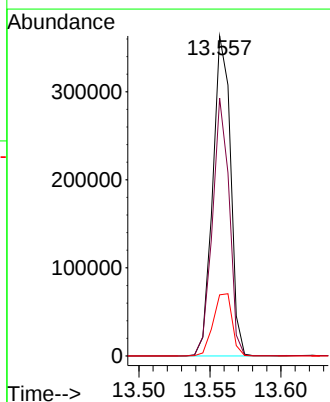
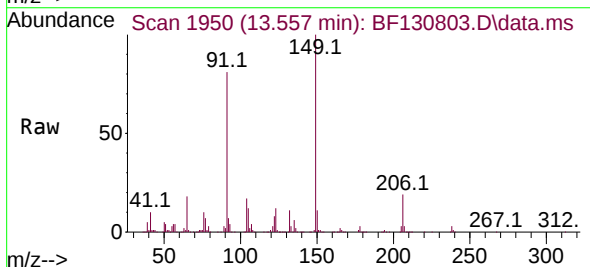
Manual Integrations
 APPROVED

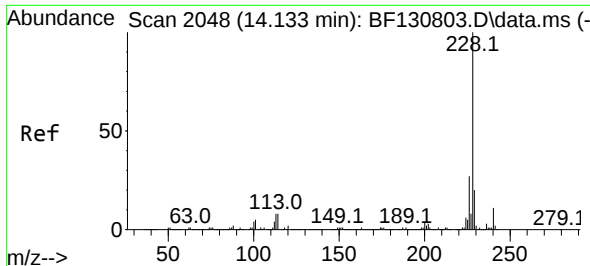
Reviewed By :Christian Giraldo 10/28/2022
 Supervised By :mohammad ahmed 11/04/2022



#80
 Butylbenzylphthalate
 Concen: 40.731 ng
 RT: 13.557 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: BF130803.D
 Acq: 27 Oct 2022 17:36

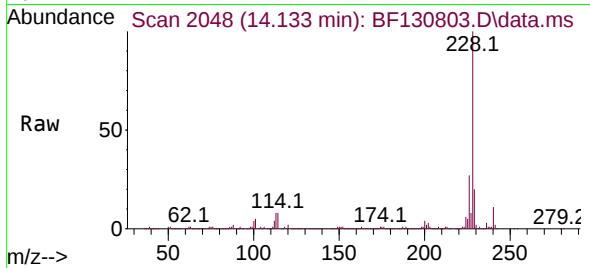
Tgt Ion:149 Resp: 317507
 Ion Ratio Lower Upper
 149 100
 91 80.6 64.5 96.7
 206 19.1 15.3 22.9





#81
Benzo(a)anthracene
Concen: 40.975 ng
RT: 14.133 min Scan# 2048
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

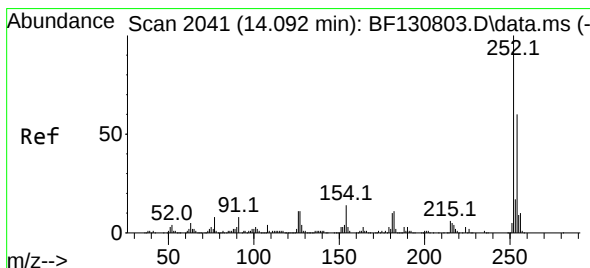
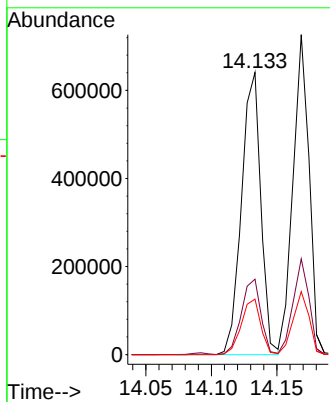
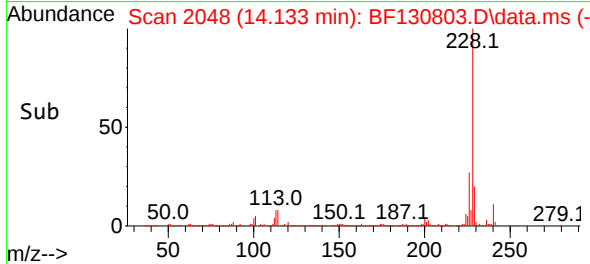
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



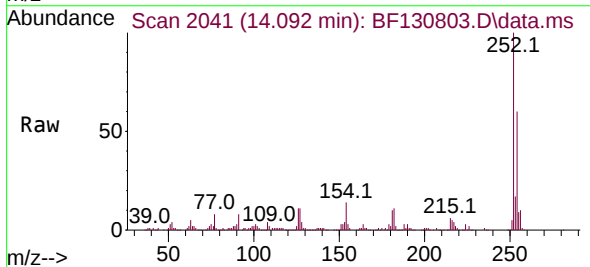
Tgt Ion:228 Resp: 655646
Ion Ratio Lower Upper
228 100
226 26.8 21.4 32.2
229 19.7 15.8 23.6

Manual Integrations
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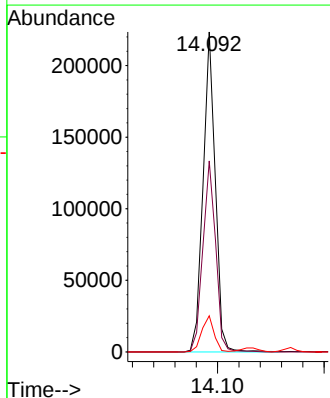
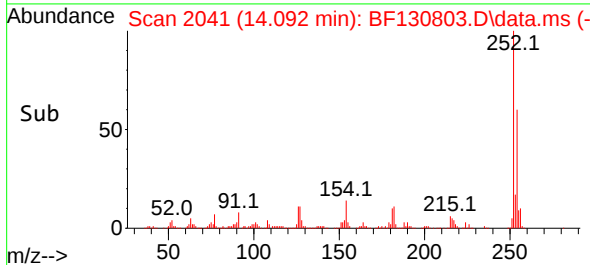
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

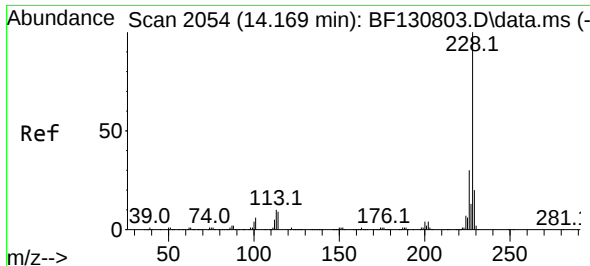


#82
3,3'-Dichlorobenzidine
Concen: 40.635 ng
RT: 14.092 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36



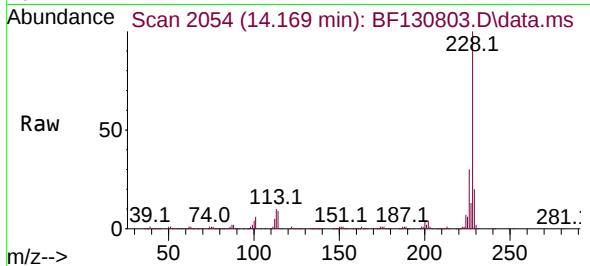
Tgt Ion:252 Resp: 176994
Ion Ratio Lower Upper
252 100
254 59.7 47.8 71.6
126 11.3 9.0 13.6





#83
Chrysene
Concen: 40.903 ng
RT: 14.169 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

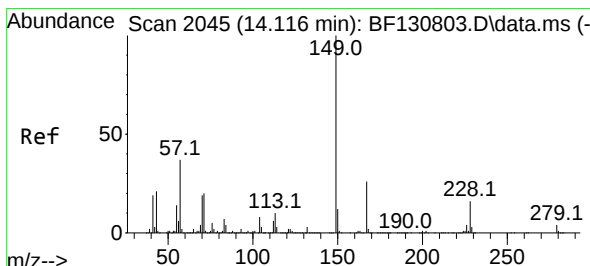
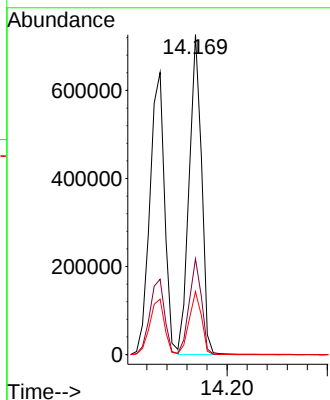
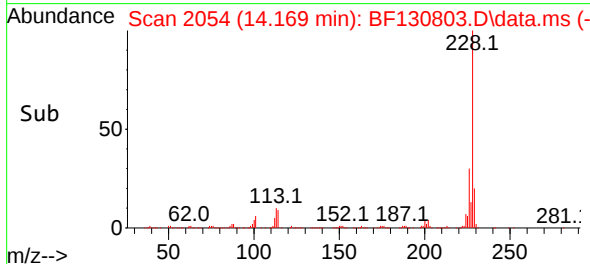
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



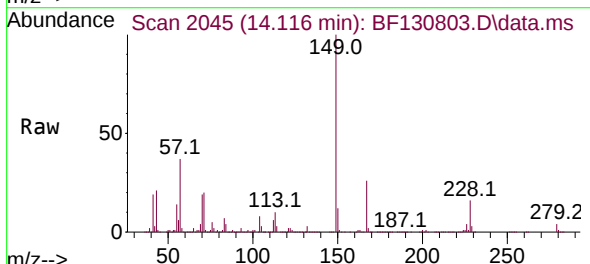
Tgt Ion:228 Resp: 621454
Ion Ratio Lower Upper
228 100
226 29.9 23.9 35.9
229 19.7 15.8 23.6

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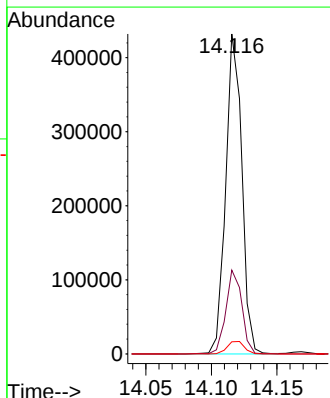
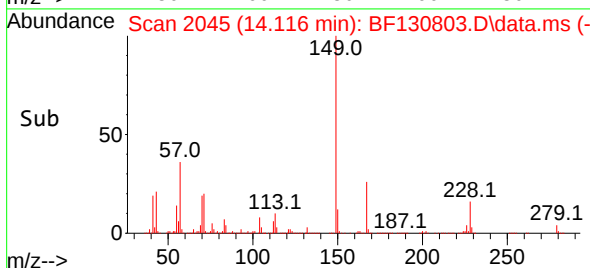
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

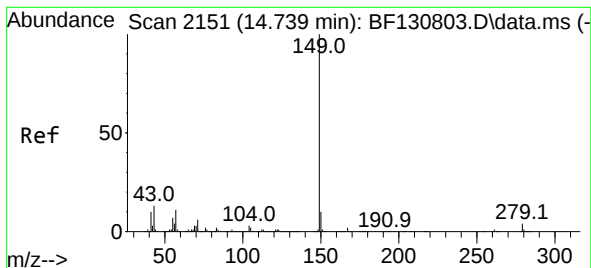


#84
Bis(2-ethylhexyl)phthalate
Concen: 41.529 ng
RT: 14.116 min Scan# 2045
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36



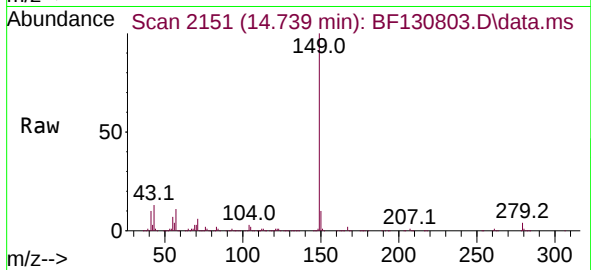
Tgt Ion:149 Resp: 370805
Ion Ratio Lower Upper
149 100
167 26.2 21.0 31.4
279 3.8 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 37.400 ng
RT: 14.739 min Scan# 2151
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

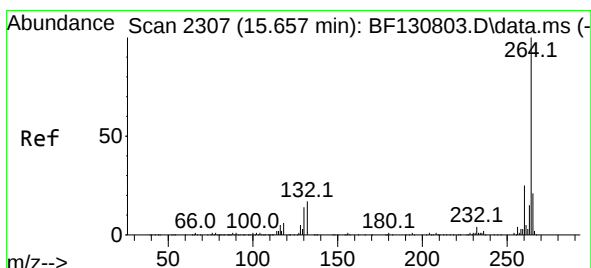
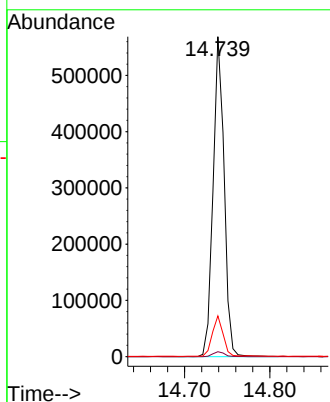
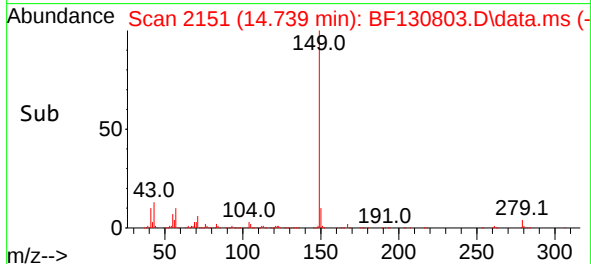
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



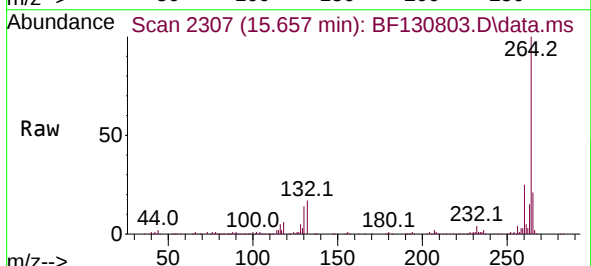
Tgt Ion:149 Resp: 510753
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.7 10.2 15.2

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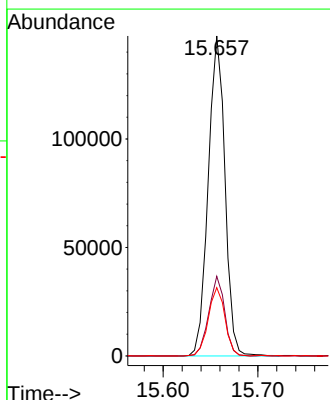
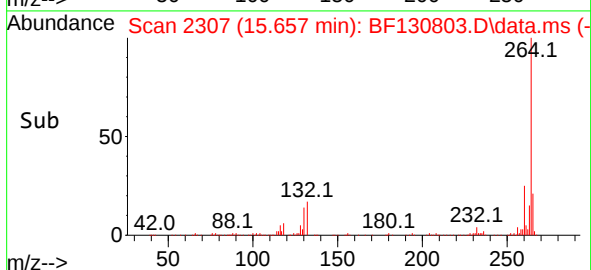
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

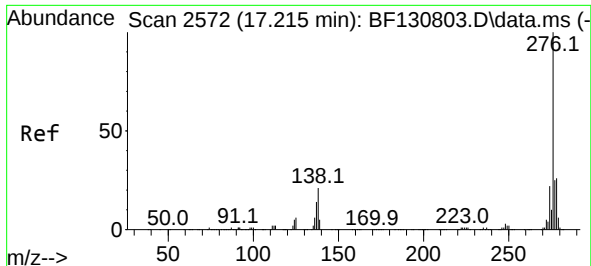


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.657 min Scan# 2307
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36



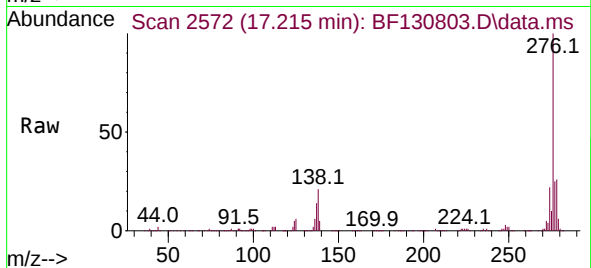
Tgt Ion:264 Resp: 181348
Ion Ratio Lower Upper
264 100
260 24.9 19.9 29.9
265 21.3 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 41.218 ng
RT: 17.215 min Scan# 2572
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

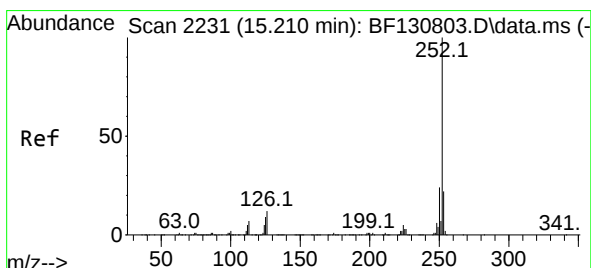
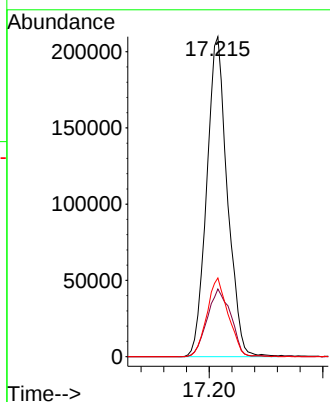
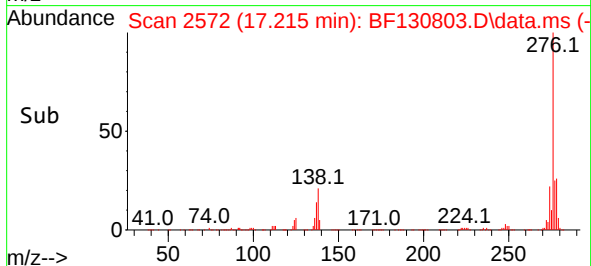
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



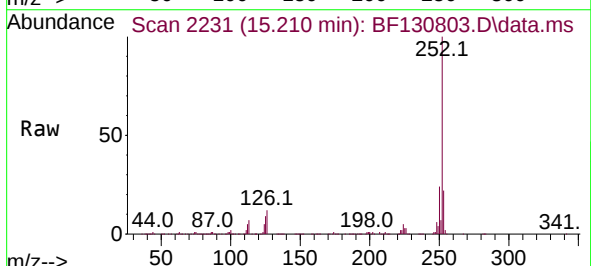
Tgt Ion:276 Resp: 530064
Ion Ratio Lower Upper
276 100
138 24.1 19.1 28.7
277 25.4 20.1 30.1

Manual Integrations
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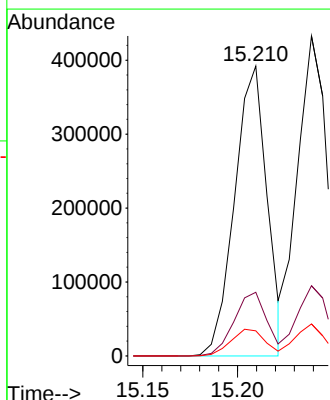
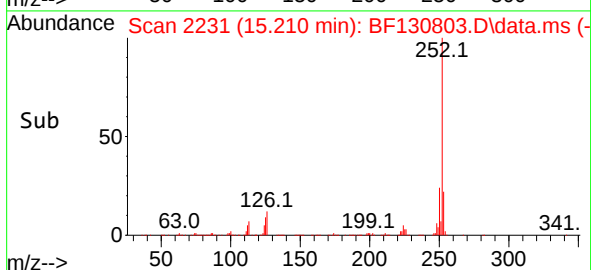
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

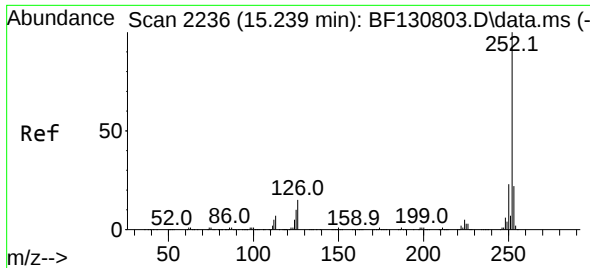


#88
Benzo(b)fluoranthene
Concen: 39.423 ng
RT: 15.210 min Scan# 2231
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36



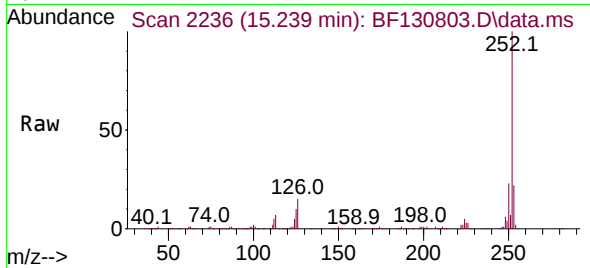
Tgt Ion:252 Resp: 466636
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 8.7 7.0 10.4





#89
Benzo(k)fluoranthene
Concen: 40.395 ng
RT: 15.239 min Scan# 2236
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

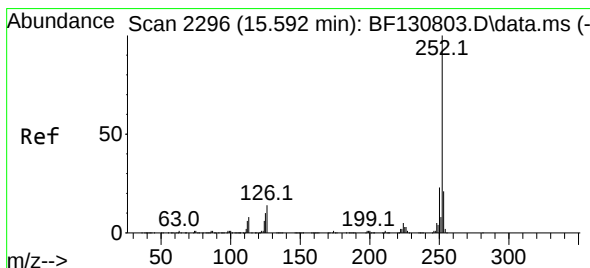
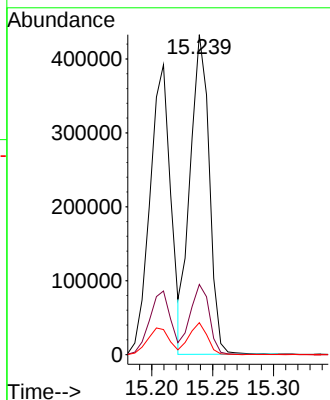
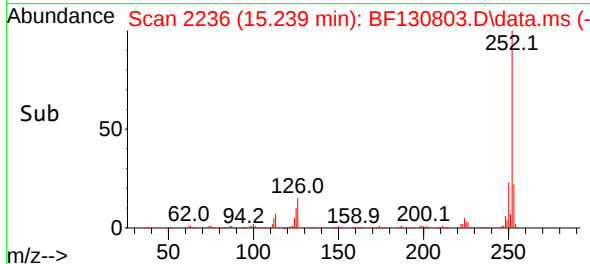
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



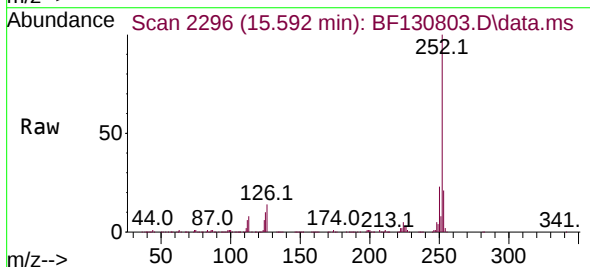
Tgt Ion:252 Resp: 470338
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.0 8.0 12.0

Manual Integrations
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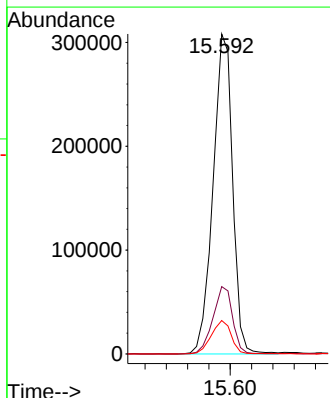
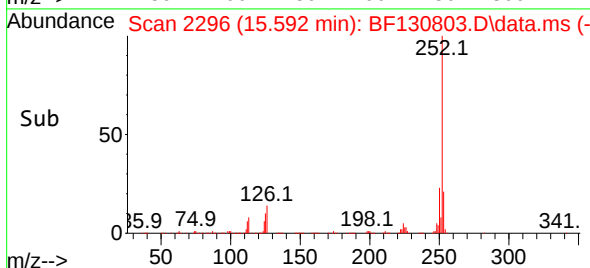
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

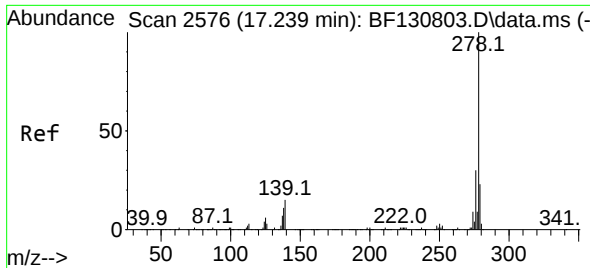


#90
Benzo(a)pyrene
Concen: 41.944 ng
RT: 15.592 min Scan# 2296
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36



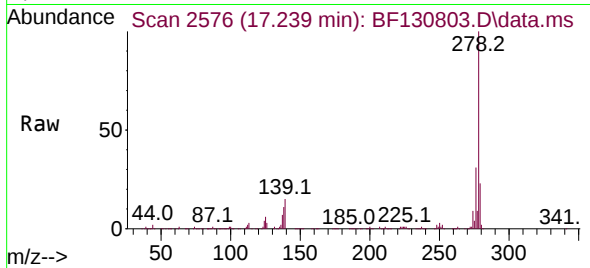
Tgt Ion:252 Resp: 393322
Ion Ratio Lower Upper
252 100
253 21.0 16.8 25.2
125 10.4 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 41.511 ng
RT: 17.239 min Scan# 2576
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

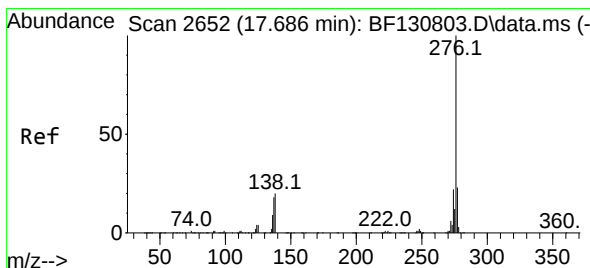
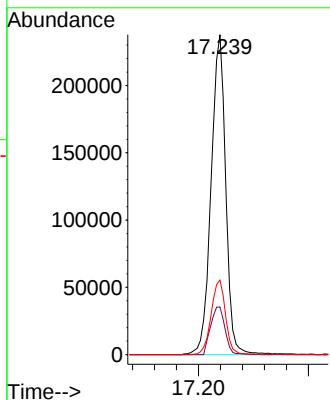
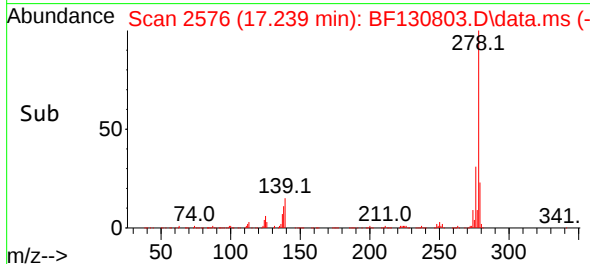
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:278 Resp: 437936
Ion Ratio Lower Upper
278 100
139 14.9 11.9 17.9
279 23.3 18.6 28.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#92
Benzo(g,h,i)perylene
Concen: 42.525 ng
RT: 17.686 min Scan# 2652
Delta R.T. 0.000 min
Lab File: BF130803.D
Acq: 27 Oct 2022 17:36

Tgt Ion:276 Resp: 451927
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 20.4 16.3 24.5

