

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102722\
 Data File : BF130810.D
 Acq On : 27 Oct 2022 21:53
 Operator : CG\JU
 Sample : PB148598BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148598BS

Manual Integrations
 APPROVED

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

Quant Time: Oct 28 04:53:32 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 04:00:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	95487	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	374736	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	213094	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	406699	20.000	ng	0.00
76) Chrysene-d12	14.145	240	249717	20.000	ng	0.00
86) Perylene-d12	15.656	264	173476	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	768542	139.532	ng	0.01
7) Phenol-d6	6.575	99	987619	137.982	ng	0.00
23) Nitrobenzene-d5	7.522	82	628064	101.062	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	284726	158.726	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1187538	84.255	ng	0.00
79) Terphenyl-d14	13.086	244	1353413	99.315	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.845	88	88764	35.944	ng	91
3) Pyridine	3.598	79	252018	36.436	ng	98
4) n-Nitrosodimethylamine	3.569	42	178856	46.061	ng	100
6) Aniline	6.616	93	410117m	46.338	ng	
8) 2-Chlorophenol	6.739	128	292574	47.683	ng	99
9) Benzaldehyde	6.510	77	219622	47.941	ng	95
10) Phenol	6.586	94	346278	44.957	ng	100
11) bis(2-Chloroethyl)ether	6.692	93	282843	47.106	ng	98
12) 1,3-Dichlorobenzene	6.898	146	311603	44.817	ng	99
13) 1,4-Dichlorobenzene	6.975	146	315916	44.764	ng	100
14) 1,2-Dichlorobenzene	7.128	146	306105	46.833	ng	98
15) Benzyl Alcohol	7.092	79	277913m	45.662	ng	
16) 2,2'-oxybis(1-Chloropr...	7.228	45	507921	47.457	ng	99
17) 2-Methylphenol	7.198	107	243486	46.428	ng	99
18) Hexachloroethane	7.469	117	118833	46.589	ng	98
19) n-Nitroso-di-n-propyla...	7.369	70	223080	45.808	ng	98
20) 3+4-Methylphenols	7.351	107	309124	45.335	ng	96
22) Acetophenone	7.369	105	410614	45.194	ng	99
24) Nitrobenzene	7.539	77	325826	47.947	ng	100
25) Isophorone	7.780	82	610401	47.630	ng	100
26) 2-Nitrophenol	7.857	139	127007	47.454	ng	99
27) 2,4-Dimethylphenol	7.886	122	280264	52.548	ng	98
28) bis(2-Chloroethoxy)met...	7.986	93	354431	49.520	ng	99
29) 2,4-Dichlorophenol	8.092	162	247698	45.146	ng	96
30) 1,2,4-Trichlorobenzene	8.180	180	259804	44.036	ng	98
31) Naphthalene	8.263	128	851213	43.537	ng	99
32) Benzoic acid	7.998	122	173046	46.028	ng	95
33) 4-Chloroaniline	8.310	127	259292	33.562	ng	97
34) Hexachlorobutadiene	8.375	225	174144	44.465	ng	98
35) Caprolactam	8.680	113	83720m	47.616	ng	
36) 4-Chloro-3-methylphenol	8.780	107	278661	46.823	ng	98
37) 2-Methylnaphthalene	8.957	142	539408	43.861	ng	99
38) 1-Methylnaphthalene	9.057	142	502529	41.988	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	263500	43.604	ng	99
41) Hexachlorocyclopentadiene	9.110	237	367944	115.883	ng	97
43) 2,4,6-Trichlorophenol	9.227	196	187469	44.645	ng	99

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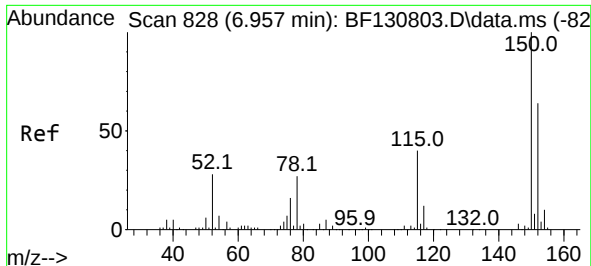
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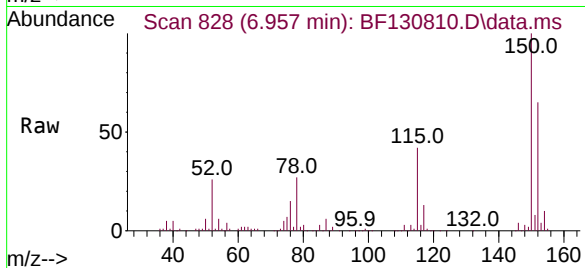
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	196904	43.891	ng	95
46) 1,1'-Biphenyl	9.422	154	671847	44.253	ng	100
47) 2-Chloronaphthalene	9.451	162	523644	43.014	ng	97
48) 2-Nitroaniline	9.539	65	178719	45.858	ng	99
49) Acenaphthylene	9.869	152	839345	43.630	ng	99
50) Dimethylphthalate	9.722	163	644937	44.064	ng	99
51) 2,6-Dinitrotoluene	9.786	165	132296	47.575	ng	88
52) Acenaphthene	10.039	154	563294	47.353	ng	98
53) 3-Nitroaniline	9.951	138	110404	38.727	ng	95
54) 2,4-Dinitrophenol	10.057	184	115111	84.233	ng	93
55) Dibenzofuran	10.210	168	751707	43.596	ng	98
56) 4-Nitrophenol	10.104	139	228691	101.311	ng	96
57) 2,4-Dinitrotoluene	10.186	165	174468	49.761	ng	# 88
58) Fluorene	10.557	166	589872	43.446	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.321	232	167650	45.327	ng	99
60) Diethylphthalate	10.427	149	647090	44.954	ng	99
61) 4-Chlorophenyl-phenyle...	10.545	204	286887	44.170	ng	97
62) 4-Nitroaniline	10.574	138	141905	49.157	ng	98
63) Azobenzene	10.704	77	669255	44.539	ng	99
65) 4,6-Dinitro-2-methylph...	10.592	198	75831	45.173	ng	93
66) n-Nitrosodiphenylamine	10.663	169	555386	43.781	ng	98
67) 4-Bromophenyl-phenylether	11.039	248	182942	44.729	ng	94
68) Hexachlorobenzene	11.098	284	199544	44.281	ng	96
69) Atrazine	11.192	200	192244	52.475	ng	97
70) Pentachlorophenol	11.292	266	237314	92.288	ng	96
71) Phenanthrene	11.521	178	893110	42.547	ng	100
72) Anthracene	11.574	178	907223	43.818	ng	99
73) Carbazole	11.727	167	807167	43.534	ng	99
74) Di-n-butylphthalate	12.057	149	1001698	44.484	ng	98
75) Fluoranthene	12.710	202	944200	42.335	ng	99
77) Benzidine	12.833	184	618082	101.962	ng	99
78) Pyrene	12.945	202	959386	45.537	ng	99
80) Butylbenzylphthalate	13.562	149	367910	48.539	ng	90
81) Benzo(a)anthracene	14.133	228	730364	44.114	ng	99
82) 3,3'-Dichlorobenzidine	14.092	252	154970	34.681	ng	94
83) Chrysene	14.168	228	678397	42.480	ng	98
84) Bis(2-ethylhexyl)phtha...	14.115	149	438471	48.112	ng	99
85) Di-n-octyl phthalate	14.739	149	607252	48.279	ng	99
87) Indeno(1,2,3-cd)pyrene	17.215	276	596416	51.772	ng	99
88) Benzo(b)fluoranthene	15.209	252	525824	46.890	ng	99
89) Benzo(k)fluoranthene	15.239	252	520826	47.663	ng	99
90) Benzo(a)pyrene	15.592	252	455242	50.500	ng	99
91) Dibenzo(a,h)anthracene	17.239	278	505387	53.815	ng	99
92) Benzo(g,h,i)perylene	17.692	276	512757	53.518	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

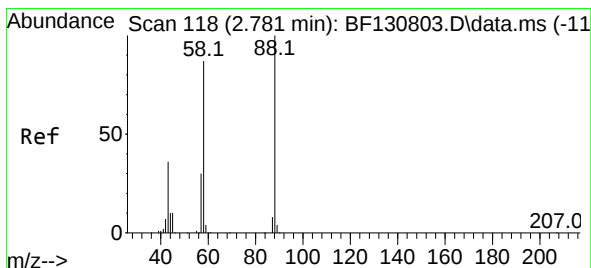
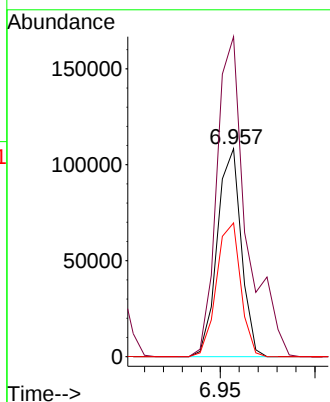
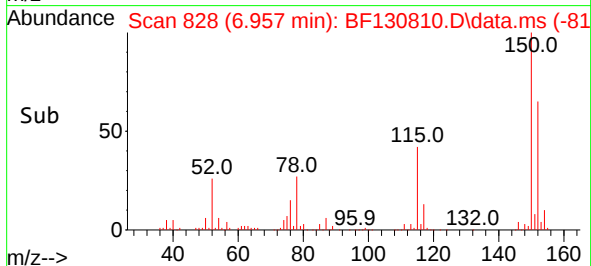
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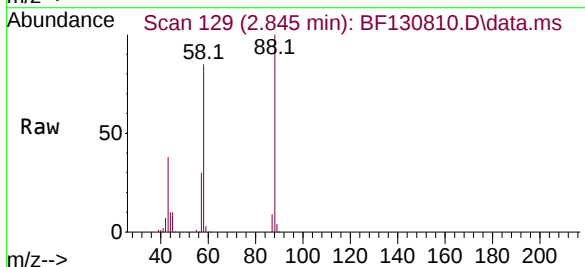
Tgt Ion:152 Resp: 9548
Ion Ratio Lower Upper
152 100
150 154.0 124.1 186.1
115 64.3 50.1 75.1

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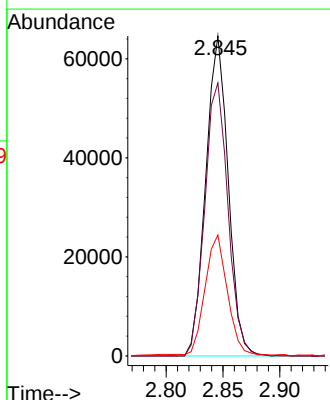
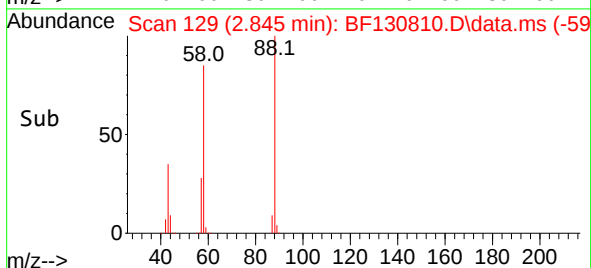
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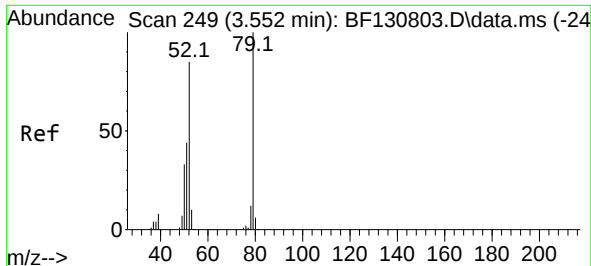


#2
1,4-Dioxane
Concen: 35.944 ng
RT: 2.845 min Scan# 129
Delta R.T. 0.064 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53



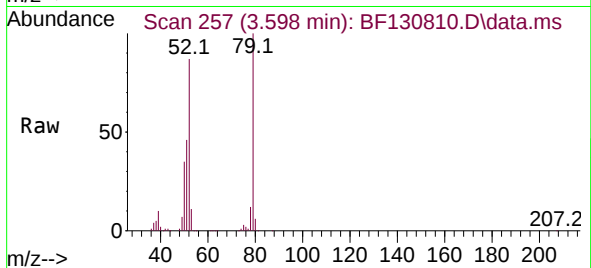
Tgt Ion: 88 Resp: 88764
Ion Ratio Lower Upper
88 100
58 88.4 64.7 97.1
43 38.3 26.5 39.7





#3
Pyridine
Concen: 36.436 ng
RT: 3.598 min Scan# 21
Delta R.T. 0.047 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

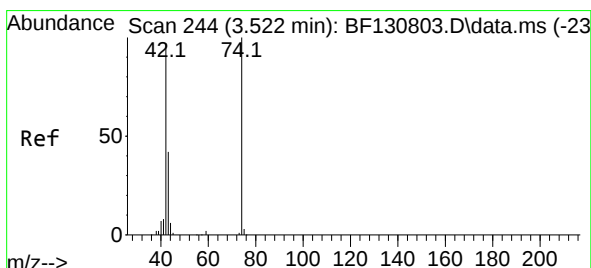
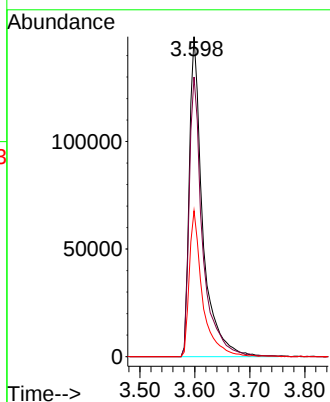
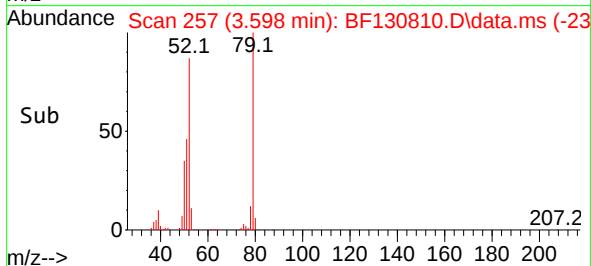
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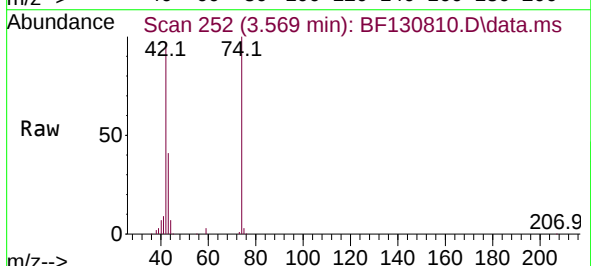
Tgt Ion: 79 Resp: 252018
Ion Ratio Lower Upper
79 100
52 87.4 68.2 102.4
51 45.6 35.2 52.8

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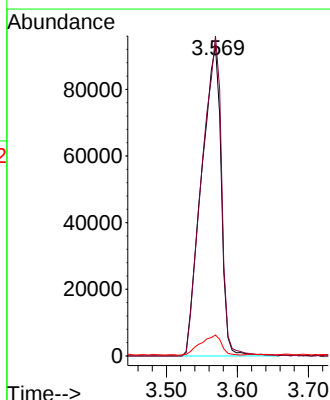
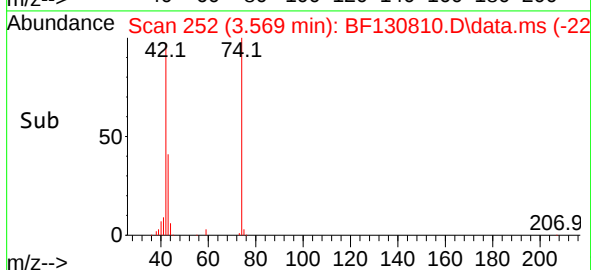
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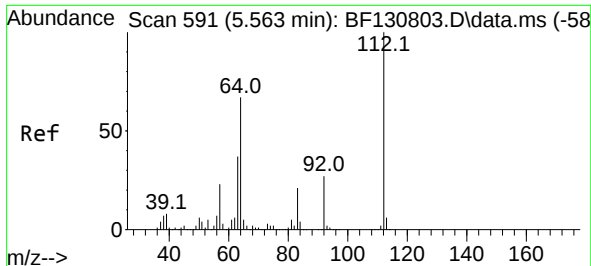


#4
n-Nitrosodimethylamine
Concen: 46.061 ng
RT: 3.569 min Scan# 252
Delta R.T. 0.047 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53



Tgt Ion: 42 Resp: 178856
Ion Ratio Lower Upper
42 100
74 103.3 82.8 124.2
44 6.7 6.0 9.0





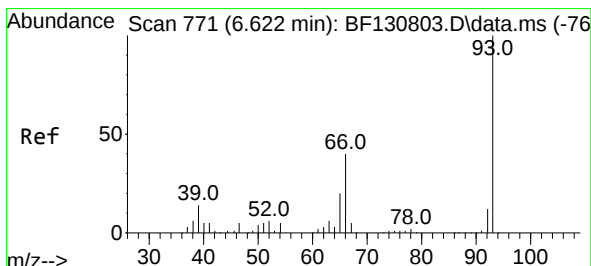
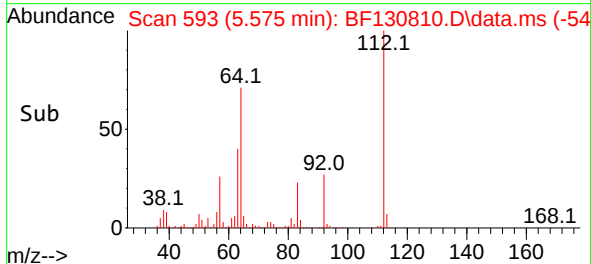
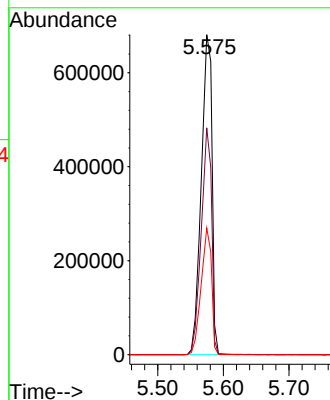
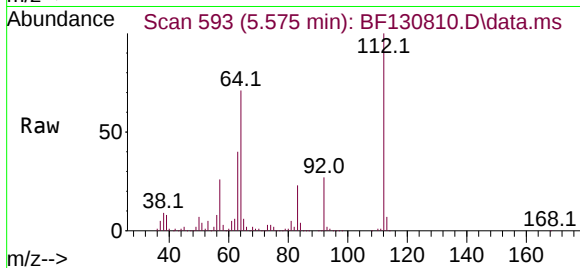
#5
2-Fluorophenol
Concen: 139.532 ng
RT: 5.575 min Scan# 591
Delta R.T. 0.012 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 768542
Ion Ratio Lower Upper
112 100
64 70.9 53.9 80.9
63 39.6 29.4 44.2

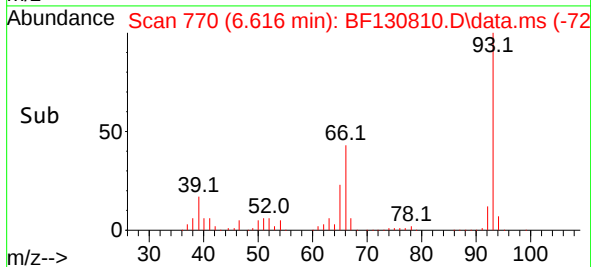
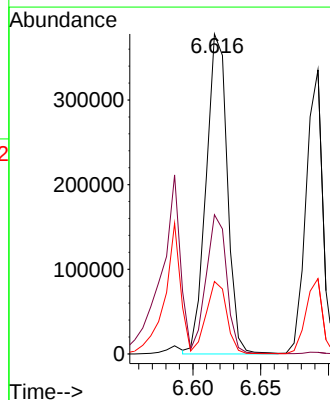
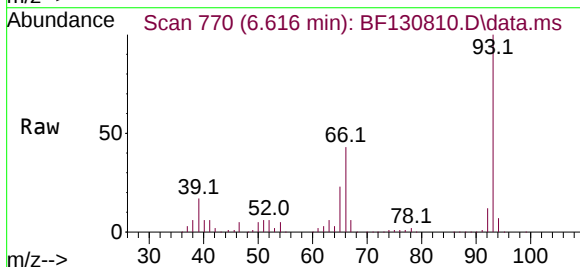
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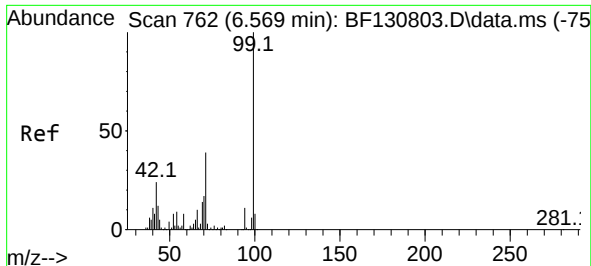
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#6
Aniline
Concen: 46.338 ng m
RT: 6.616 min Scan# 770
Delta R.T. -0.006 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

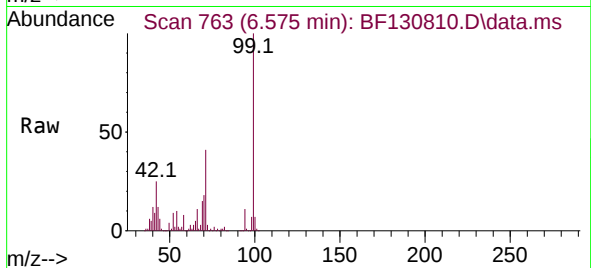
Tgt Ion: 93 Resp: 410117
Ion Ratio Lower Upper
93 100
66 43.5 33.8 50.8
65 22.6 17.2 25.8





#7
Phenol-d6
Concen: 137.982 ng
RT: 6.575 min Scan# 762
Delta R.T. 0.006 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

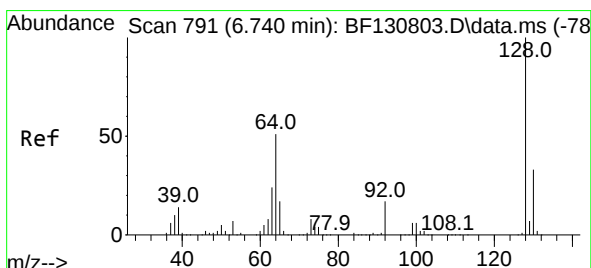
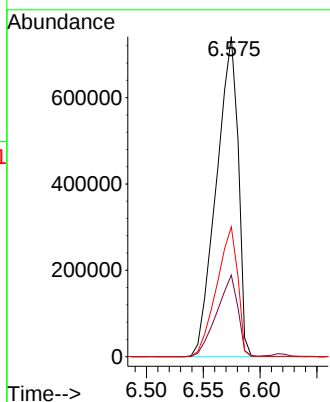
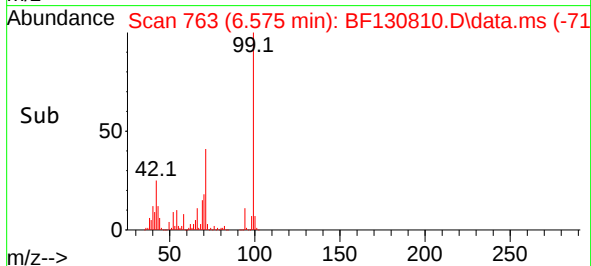
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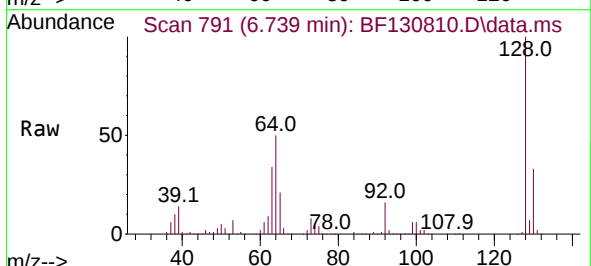
Tgt Ion: 99 Resp: 987619
Ion Ratio Lower Upper
99 100
42 25.5 18.8 28.2
71 40.5 31.4 47.0

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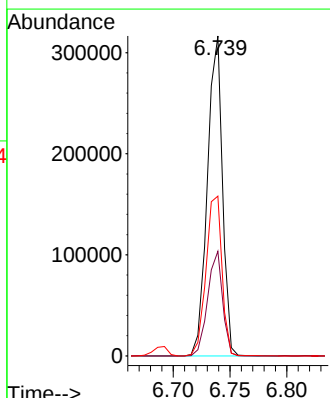
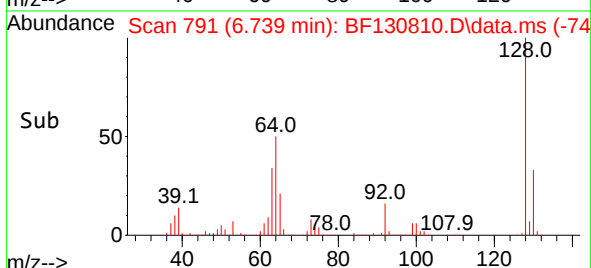
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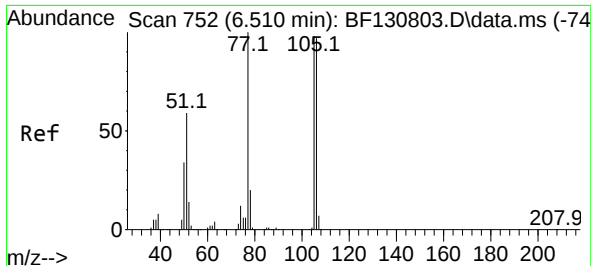


#8
2-Chlorophenol
Concen: 47.683 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.001 min
Lab File: BF130810.D
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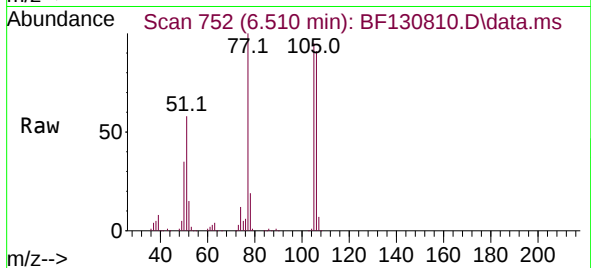
Tgt Ion:128 Resp: 292574
Ion Ratio Lower Upper
128 100
130 32.7 12.7 52.7
64 49.9 31.3 71.3





#9
Benzaldehyde
Concen: 47.941 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

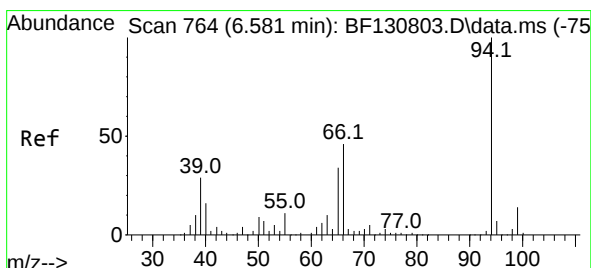
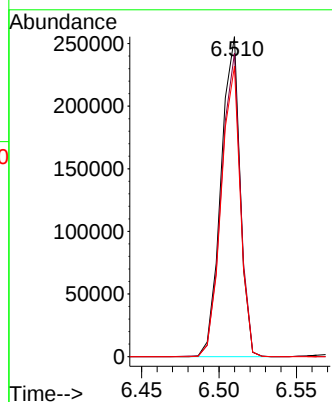
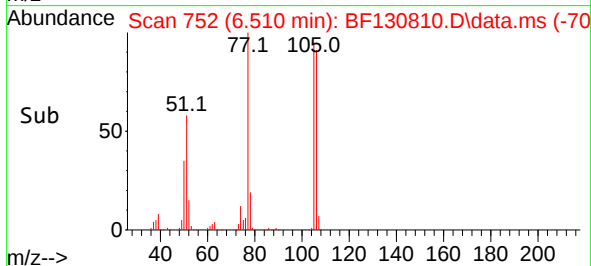
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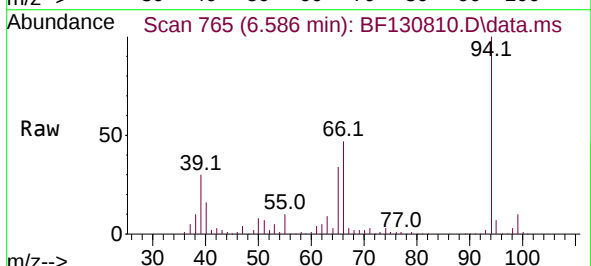
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Ion Ratio Lower Upper
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105 94.8 78.2 118.2
106 90.7 76.6 116.6

Manual Integrations
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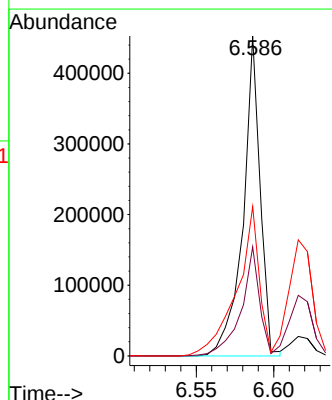
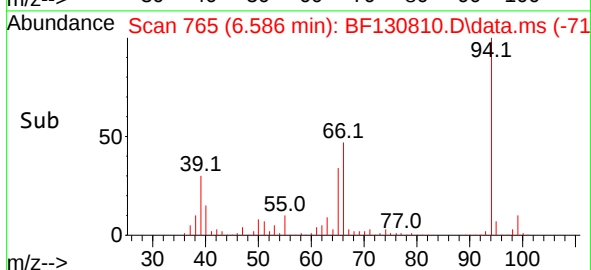
Reviewed By :Christian Giraldo 10/28/2022
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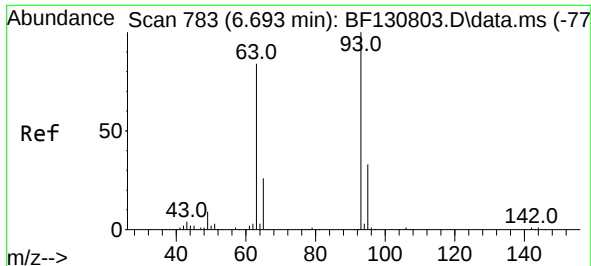


#10
Phenol
Concen: 44.957 ng
RT: 6.586 min Scan# 765
Delta R.T. 0.006 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53



Tgt Ion: 94 Resp: 346278
Ion Ratio Lower Upper
94 100
65 34.1 13.7 53.7
66 46.7 26.5 66.5





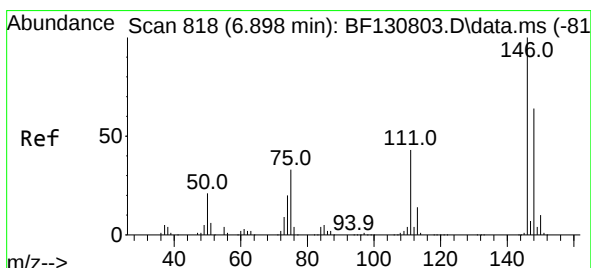
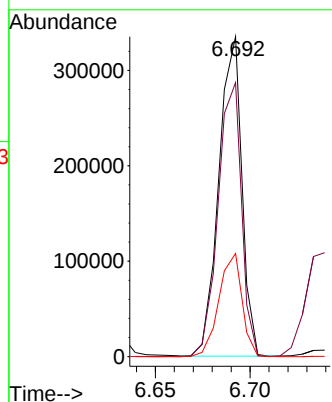
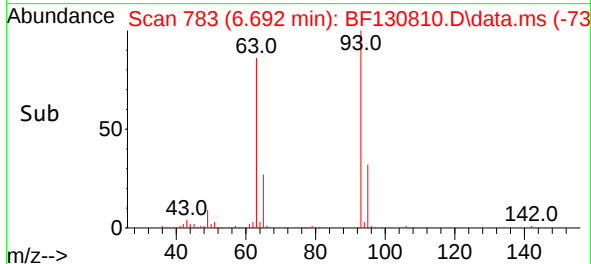
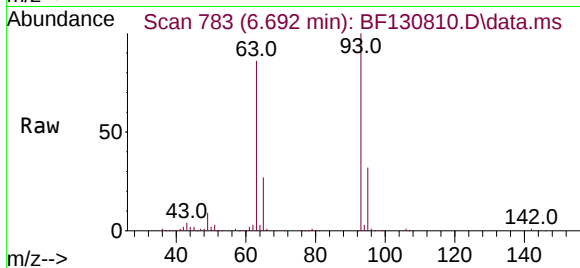
#11
bis(2-Chloroethyl)ether
Concen: 47.106 ng
RT: 6.692 min Scan# 783
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

Instrument :
BNA_F
ClientSampleId :
PB148598BS

Tgt Ion: 93 Resp: 282843
Ion Ratio Lower Upper
93 100
63 85.6 63.4 103.4
95 32.2 12.6 52.6

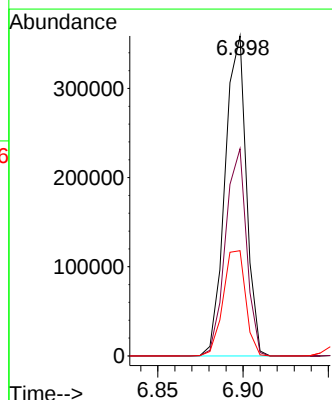
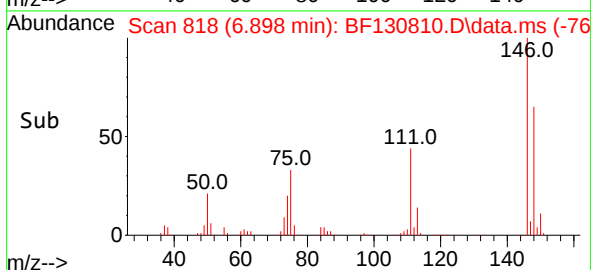
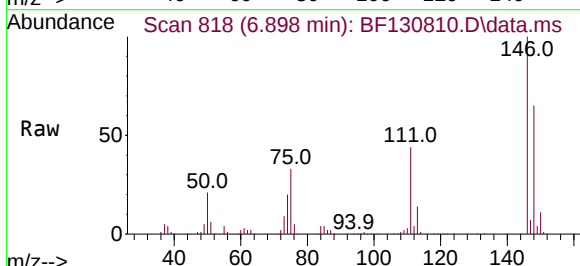
Manual Integrations
APPROVED

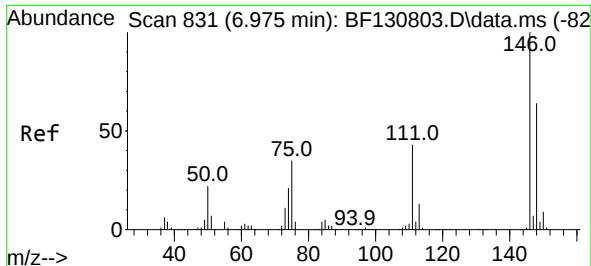
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#12
1,3-Dichlorobenzene
Concen: 44.817 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

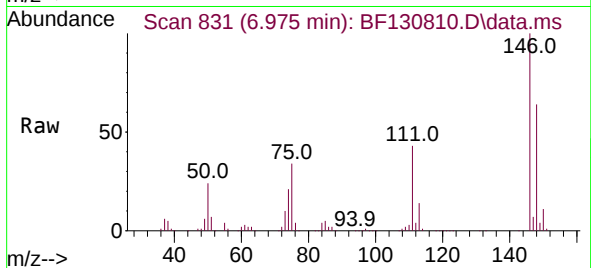
Tgt Ion:146 Resp: 311603
Ion Ratio Lower Upper
146 100
148 64.7 51.4 77.0
75 32.9 26.6 40.0





#13
1,4-Dichlorobenzene
Concen: 44.764 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

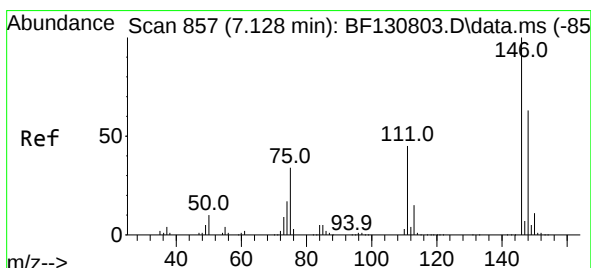
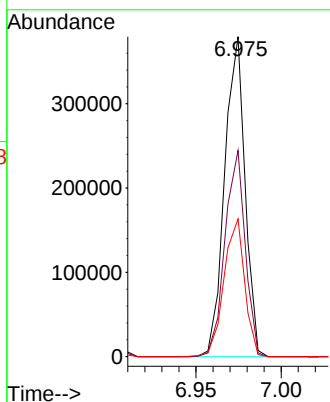
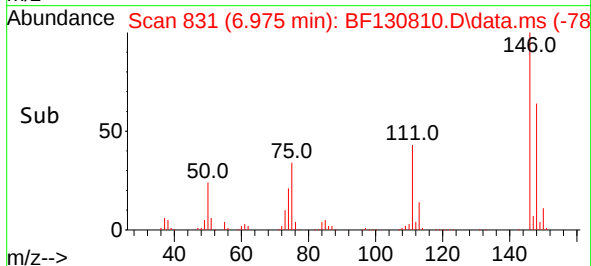
Instrument :
BNA_F
ClientSampleId :
PB148598BS



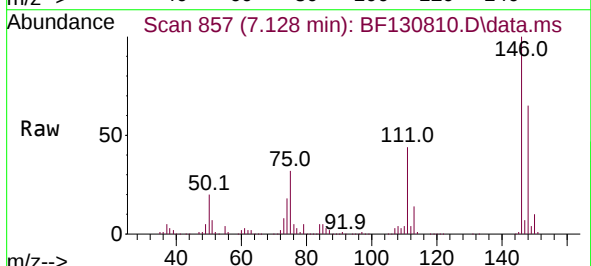
Tgt Ion:146 Resp: 315916
Ion Ratio Lower Upper
146 100
148 64.4 51.3 76.9
111 43.0 34.6 51.8

Manual Integrations
APPROVED

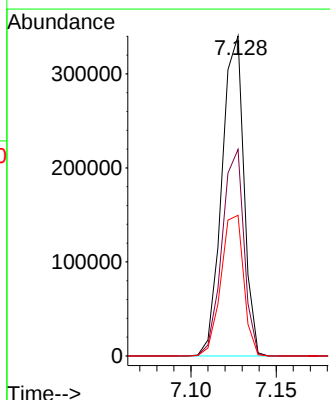
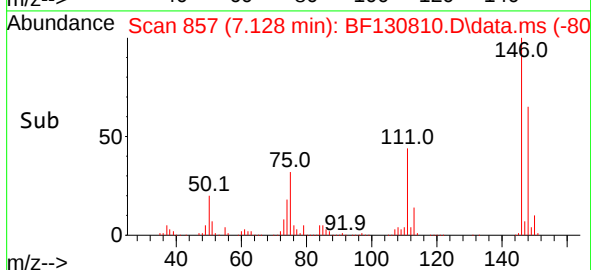
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

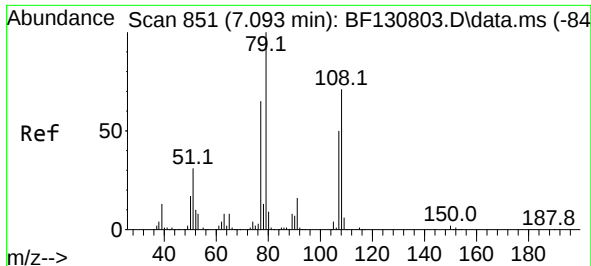


#14
1,2-Dichlorobenzene
Concen: 46.833 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53



Tgt Ion:146 Resp: 306105
Ion Ratio Lower Upper
146 100
148 64.5 50.6 76.0
111 43.9 36.3 54.5





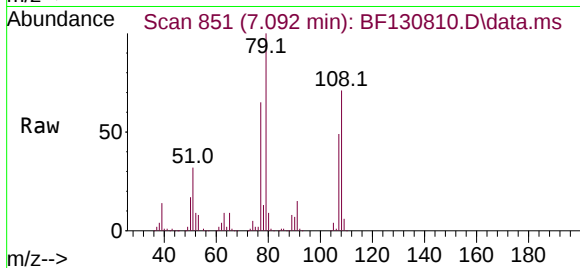
#15
Benzyl Alcohol
Concen: 45.662 ng m
RT: 7.092 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

Instrument :

BNA_F

ClientSampleId :

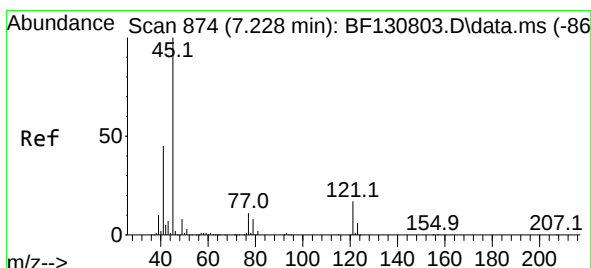
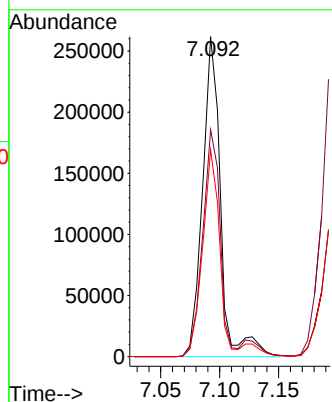
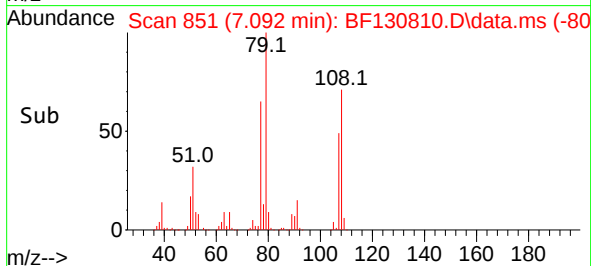
PB148598BS



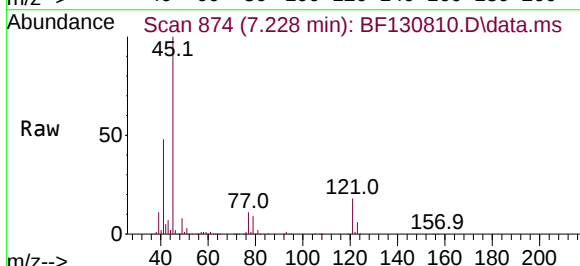
Tgt Ion: 79 Resp: 277913
Ion Ratio Lower Upper
79 100
108 70.9 56.4 84.6
77 64.7 51.8 77.8

Manual Integrations
APPROVED

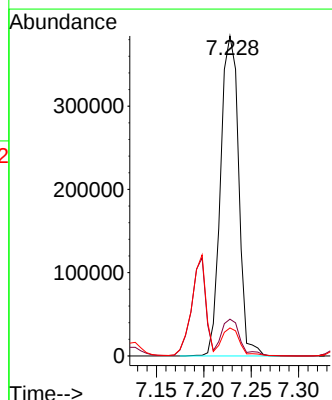
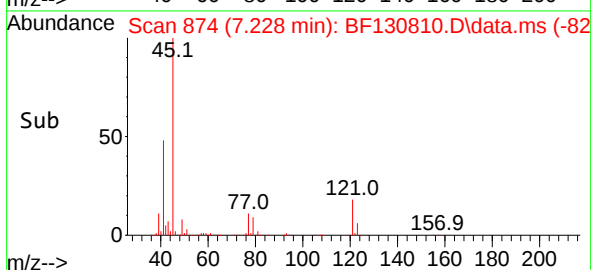
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

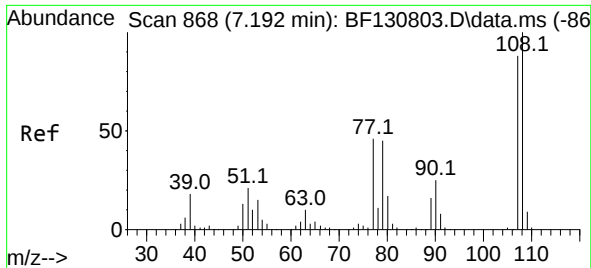


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.457 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53



Tgt Ion: 45 Resp: 507921
Ion Ratio Lower Upper
45 100
77 11.5 0.0 31.2
79 8.7 0.0 28.4





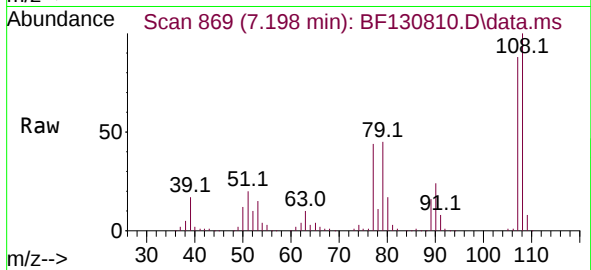
#17
2-Methylphenol
Concen: 46.428 ng
RT: 7.198 min Scan# 868
Delta R.T. 0.006 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

Instrument :

BNA_F

ClientSampleId :

PB148598BS

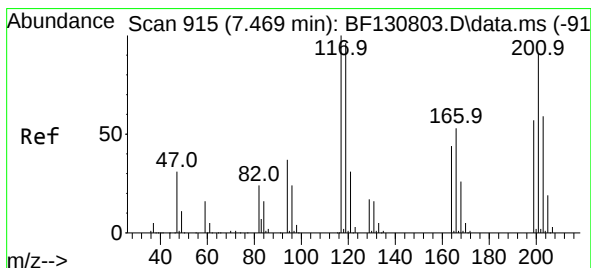
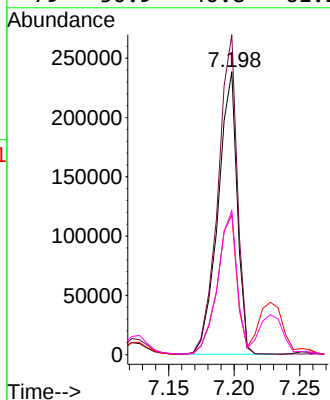
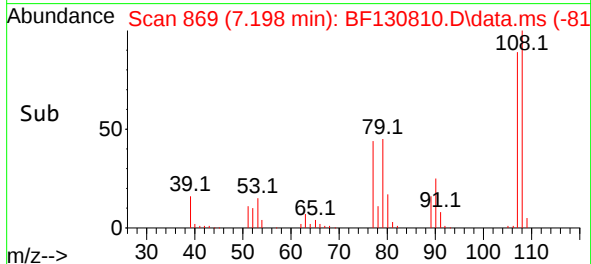


Tgt Ion:107 Resp: 243486
Ion Ratio Lower Upper
107 100
108 113.1 90.5 135.7
77 49.3 41.2 61.8
79 50.9 40.8 61.2

Manual Integrations

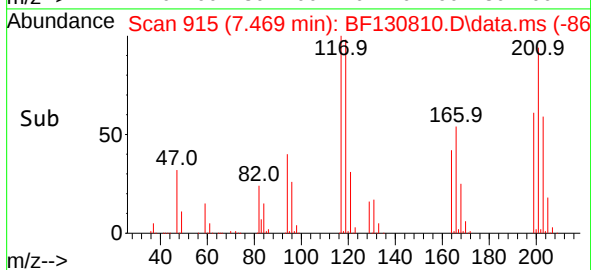
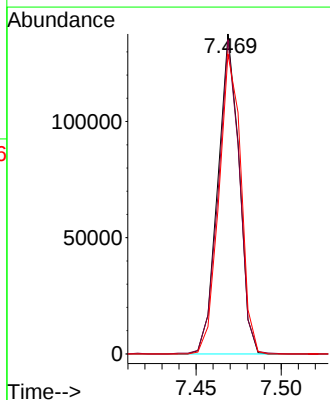
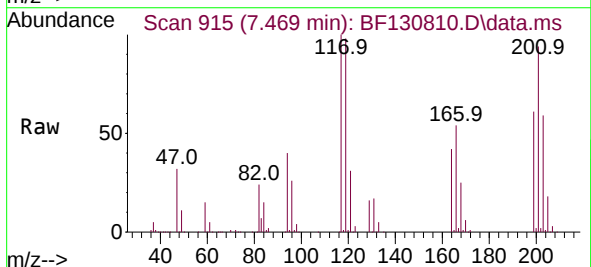
APPROVED

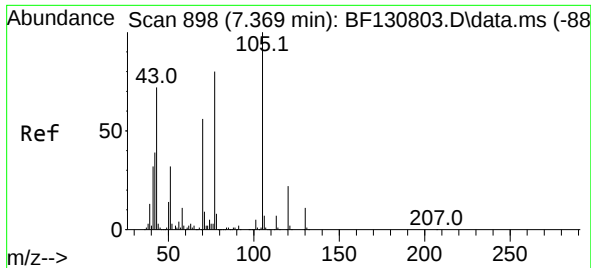
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#18
Hexachloroethane
Concen: 46.589 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

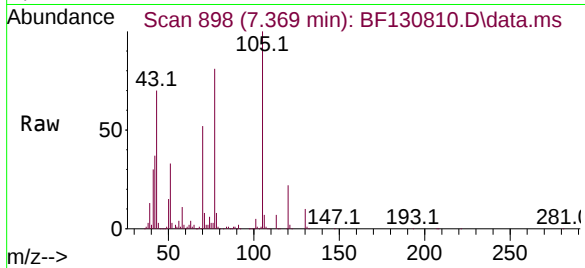
Tgt Ion:117 Resp: 118833
Ion Ratio Lower Upper
117 100
119 98.2 77.1 115.7
201 93.7 72.9 109.3





#19
n-Nitroso-di-n-propylamine
Concen: 45.808 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

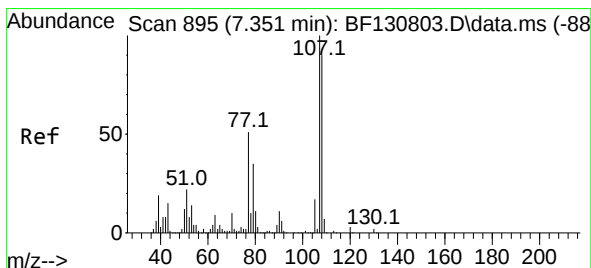
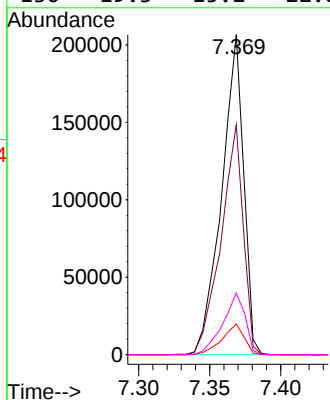
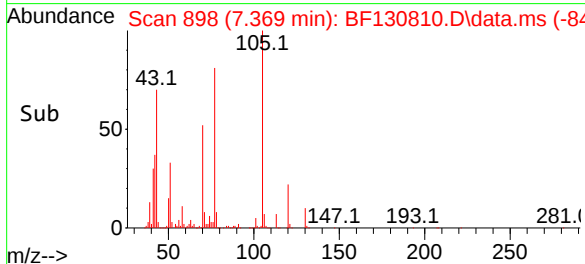
Instrument :
BNA_F
ClientSampleId :
PB148598BS



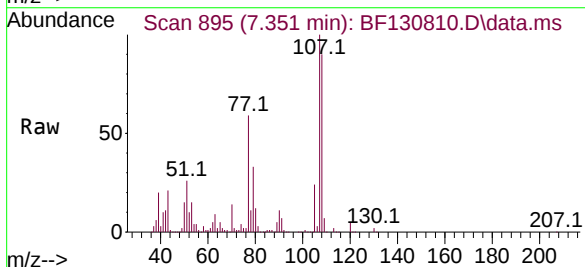
Tgt Ion: 70 Resp: 223080
Ion Ratio Lower Upper
70 100
42 71.8 56.1 84.1
101 9.6 7.3 10.9
130 19.3 15.2 22.8

Manual Integrations
APPROVED

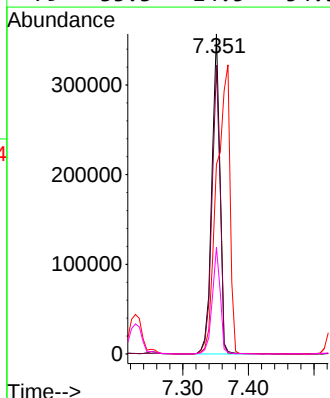
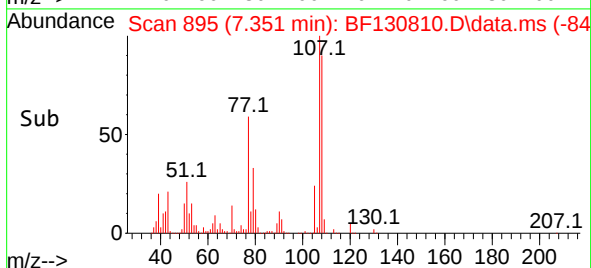
Reviewed By :Christian Giraldo 10/28/2022
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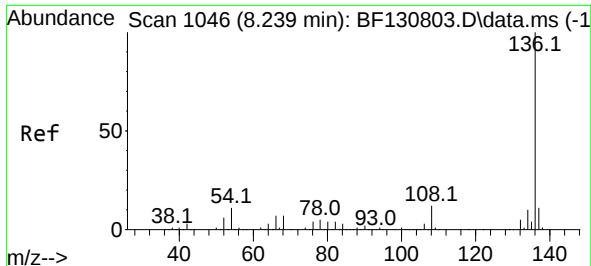


#20
3+4-Methylphenols
Concen: 45.335 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53



Tgt Ion:107 Resp: 309124
Ion Ratio Lower Upper
107 100
108 90.2 70.4 110.4
77 59.2 31.1 71.1
79 33.3 14.5 54.5





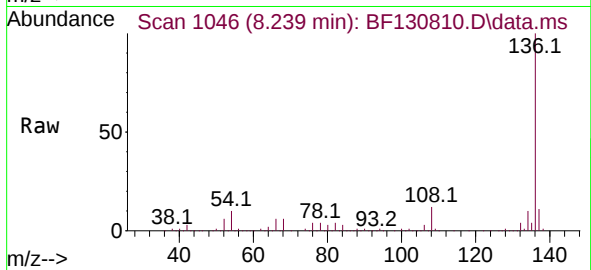
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

Instrument :

BNA_F

ClientSampleId :

PB148598BS

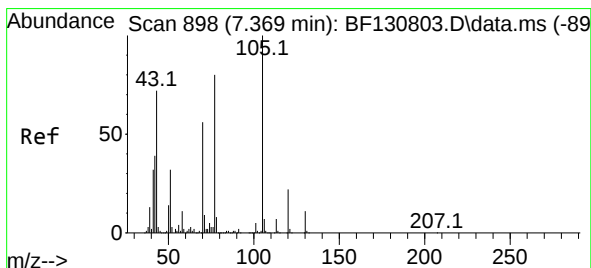
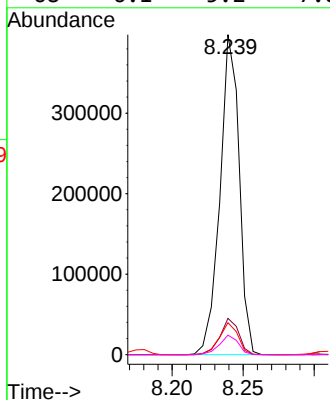
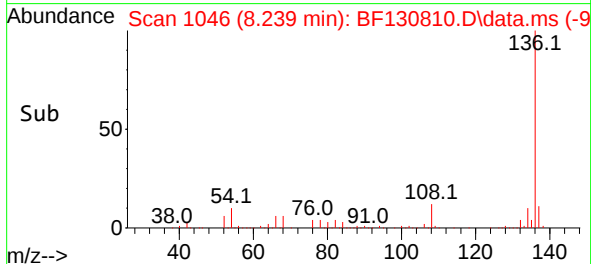


Tgt Ion:136 Resp: 374736
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 10.0 8.8 13.2
68 6.1 5.2 7.8

Manual Integrations

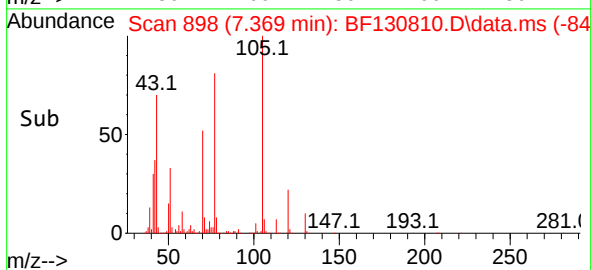
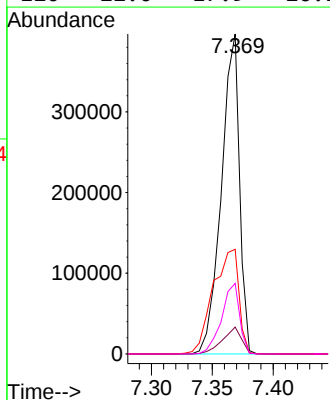
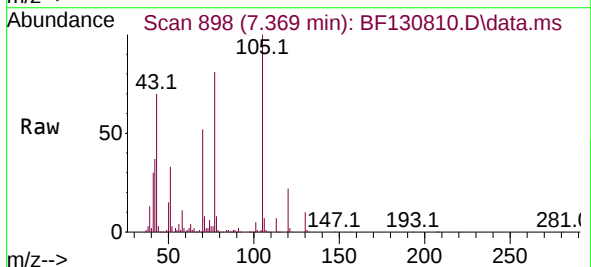
APPROVED

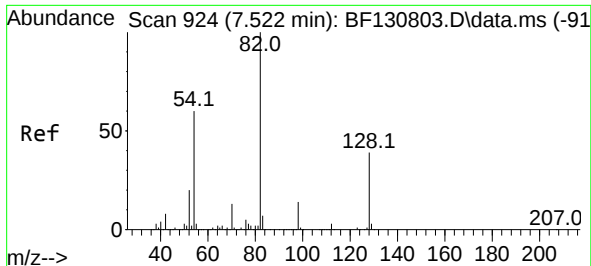
Reviewed By :Christian Giraldo 10/28/2022
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#22
Acetophenone
Concen: 45.194 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

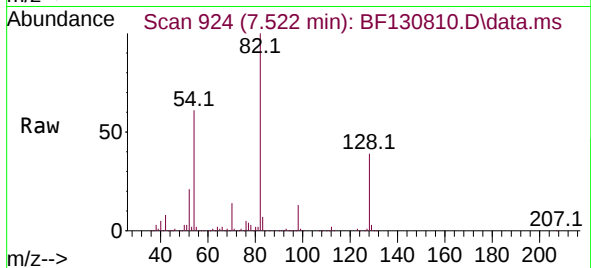
Tgt Ion:105 Resp: 410614
Ion Ratio Lower Upper
105 100
71 8.4 7.2 10.8
51 32.7 25.9 38.9
120 22.0 17.9 26.9





#23
Nitrobenzene-d5
Concen: 101.062 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

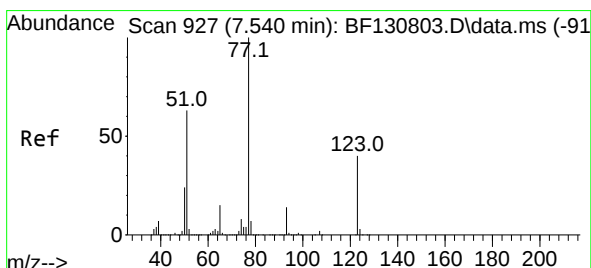
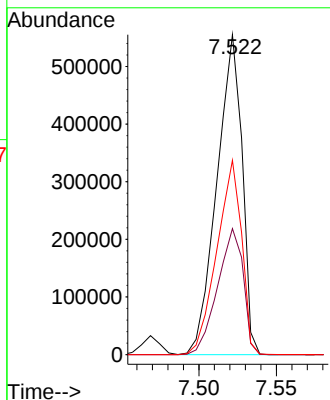
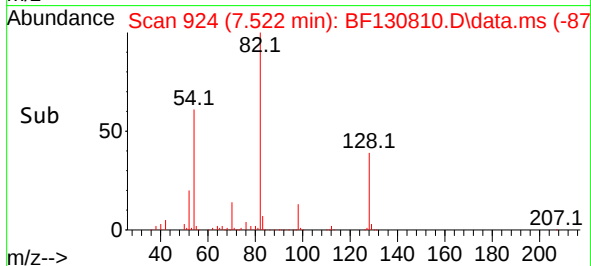
Instrument :
BNA_F
ClientSampleId :
PB148598BS



Tgt Ion: 82 Resp: 628064
Ion Ratio Lower Upper
82 100
128 39.4 31.2 46.8
54 60.7 48.0 72.0

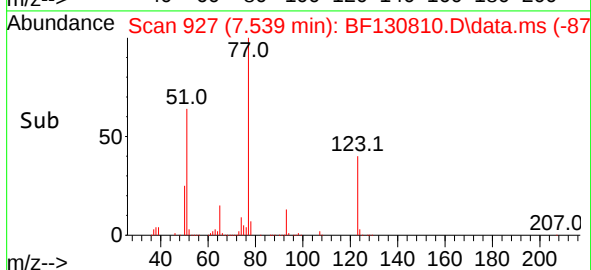
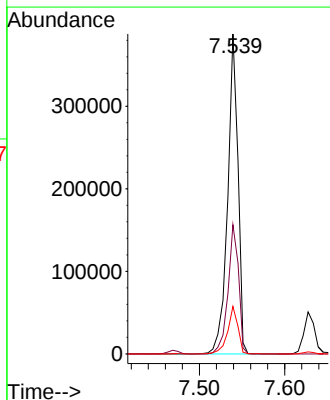
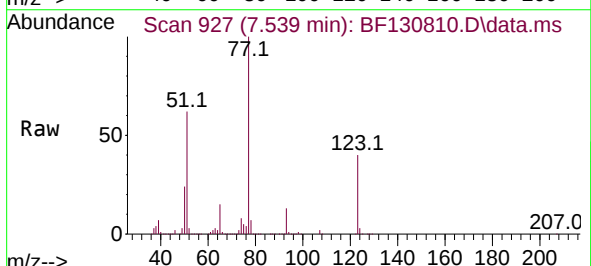
Manual Integrations
APPROVED

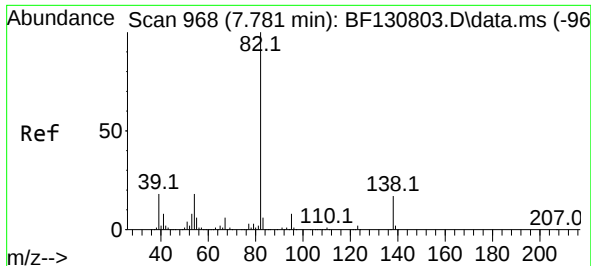
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#24
Nitrobenzene
Concen: 47.947 ng
RT: 7.539 min Scan# 927
Delta R.T. -0.001 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

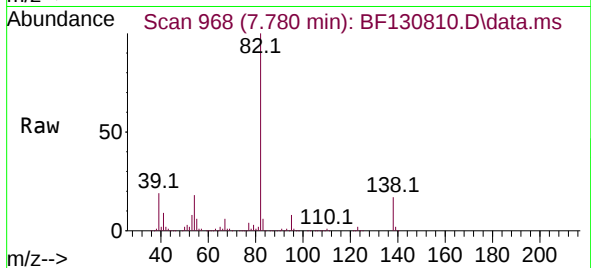
Tgt Ion: 77 Resp: 325826
Ion Ratio Lower Upper
77 100
123 40.4 32.2 48.2
65 14.8 12.0 18.0





#25
Isophorone
Concen: 47.630 ng
RT: 7.780 min Scan# 968
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

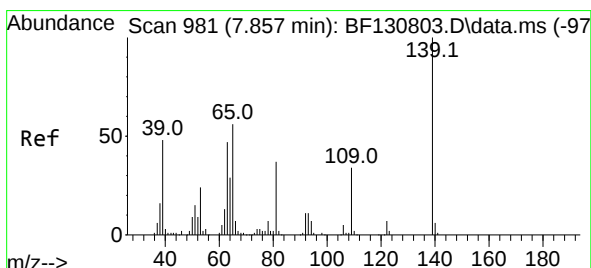
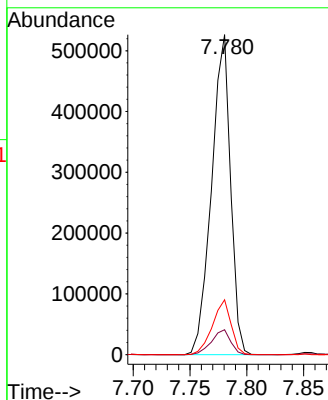
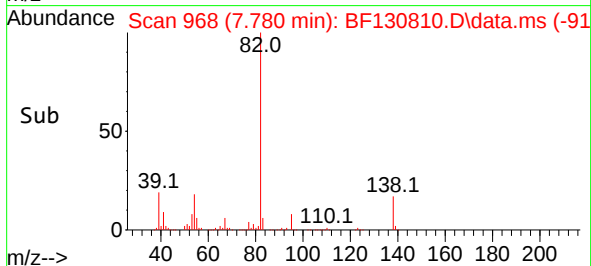
Instrument :
BNA_F
Client SampleId :
PB148598BS



Tgt Ion: 82 Resp: 610401
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.4
138 17.1 13.8 20.6

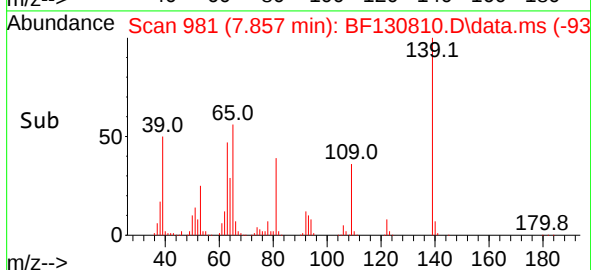
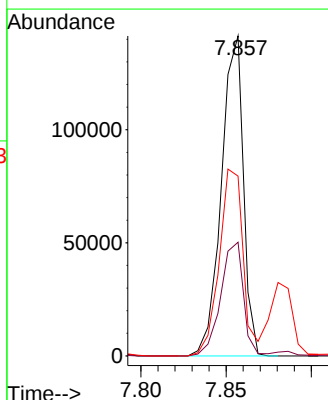
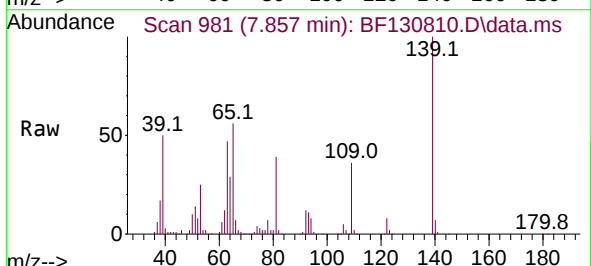
Manual Integrations
APPROVED

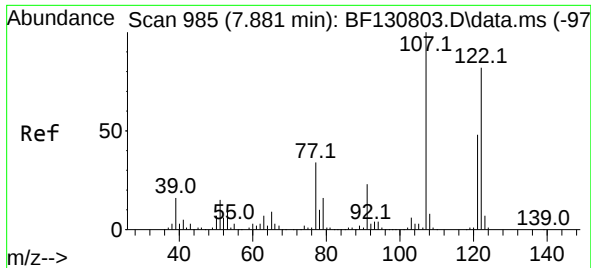
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#26
2-Nitrophenol
Concen: 47.454 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

Tgt Ion:139 Resp: 127007
Ion Ratio Lower Upper
139 100
109 35.5 27.3 40.9
65 56.2 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 52.548 ng

RT: 7.886 min Scan# 985

Delta R.T. 0.005 min

Lab File: BF130810.D

Acq: 27 Oct 2022 21:53

Instrument :

BNA_F

ClientSampleId :

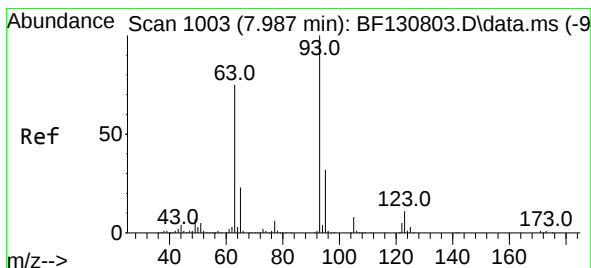
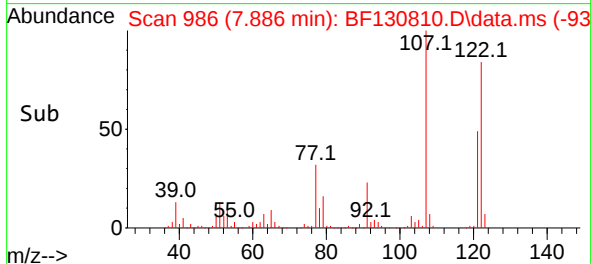
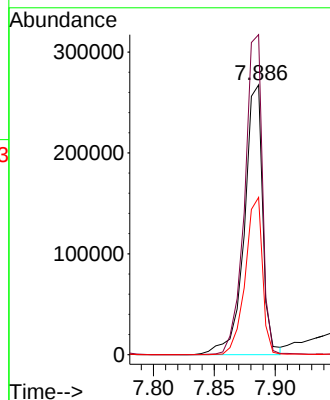
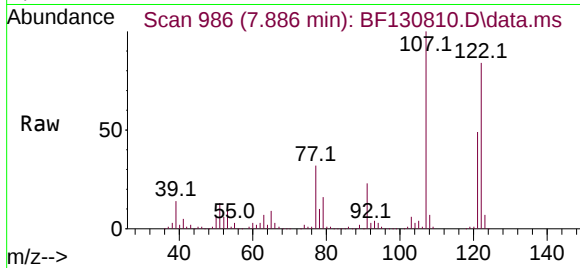
PB148598BS

Tgt Ion:122 Resp: 280264
 Ion Ratio Lower Upper
 122 100
 107 118.7 97.1 145.7
 121 58.3 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: 49.520 ng

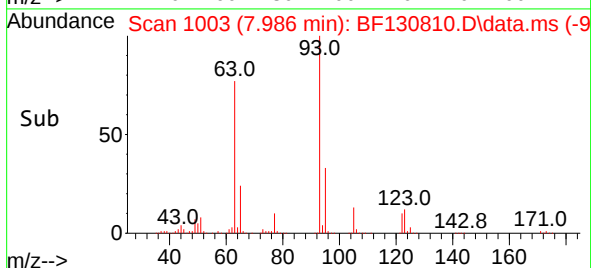
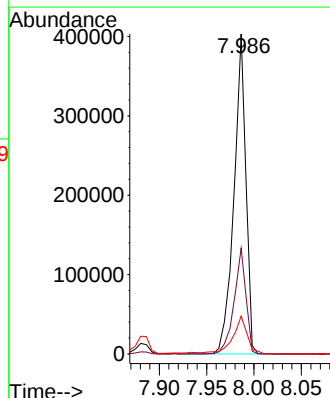
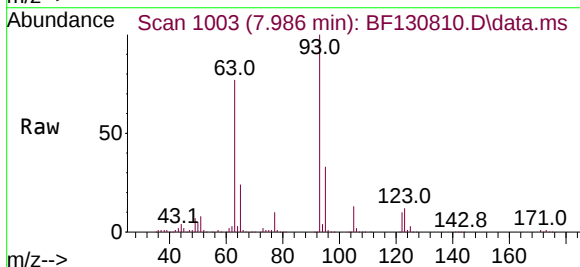
RT: 7.986 min Scan# 1003

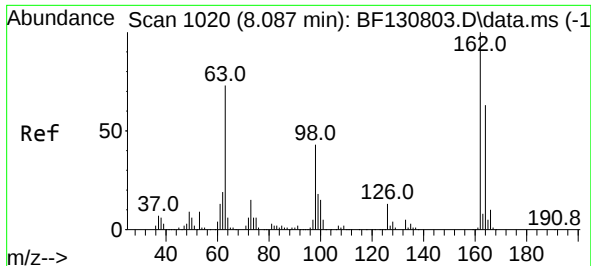
Delta R.T. -0.000 min

Lab File: BF130810.D

Acq: 27 Oct 2022 21:53

Tgt Ion: 93 Resp: 354431
 Ion Ratio Lower Upper
 93 100
 95 33.0 25.7 38.5
 123 11.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 45.146 ng

RT: 8.092 min Scan# 1021

Delta R.T. 0.006 min

Lab File: BF130810.D

Acq: 27 Oct 2022 21:53

Instrument :

BNA_F

ClientSampleId :

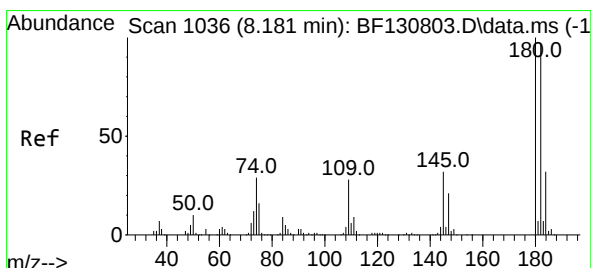
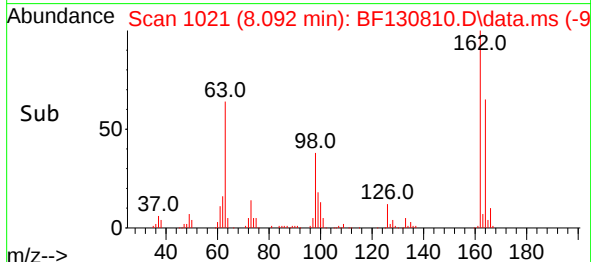
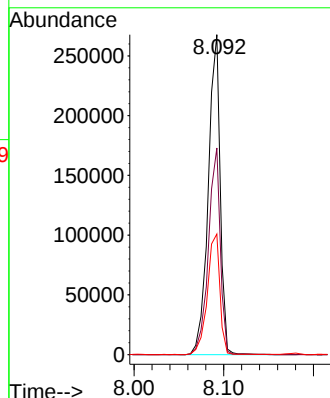
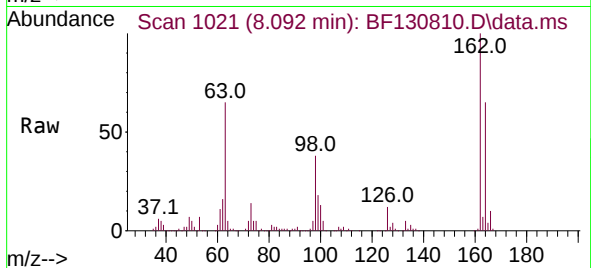
PB148598BS

Tgt Ion:162 Resp: 247698
 Ion Ratio Lower Upper
 162 100
 164 64.6 43.2 83.2
 98 37.7 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: 44.036 ng

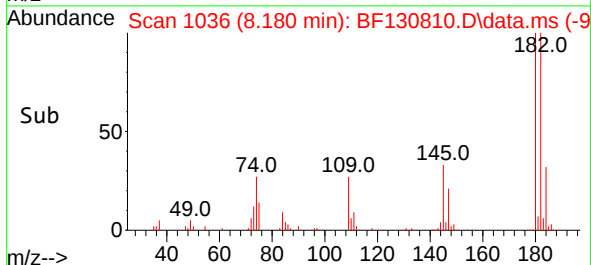
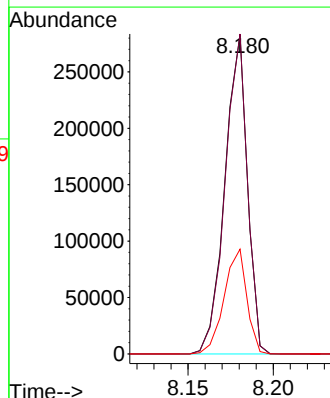
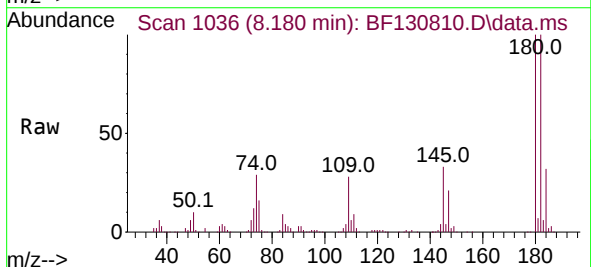
RT: 8.180 min Scan# 1036

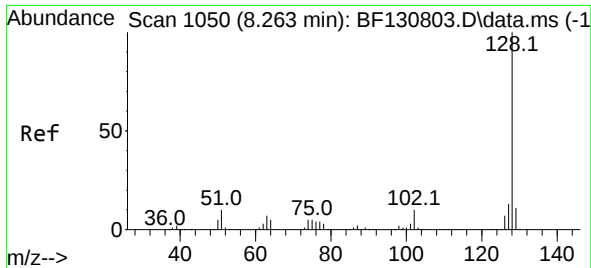
Delta R.T. -0.000 min

Lab File: BF130810.D

Acq: 27 Oct 2022 21:53

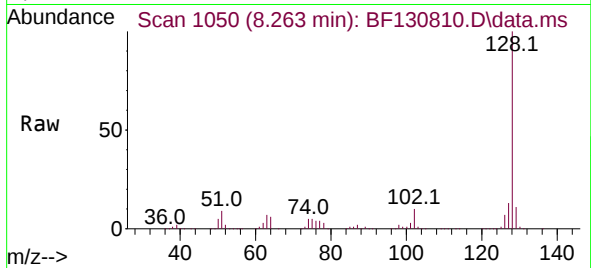
Tgt Ion:180 Resp: 259804
 Ion Ratio Lower Upper
 180 100
 182 100.1 77.7 116.5
 145 32.8 25.9 38.9





#31
Naphthalene
Concen: 43.537 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

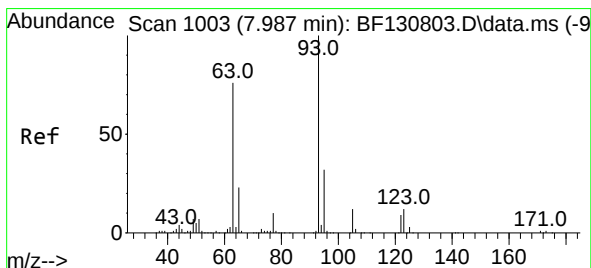
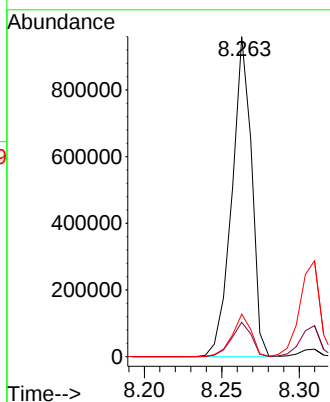
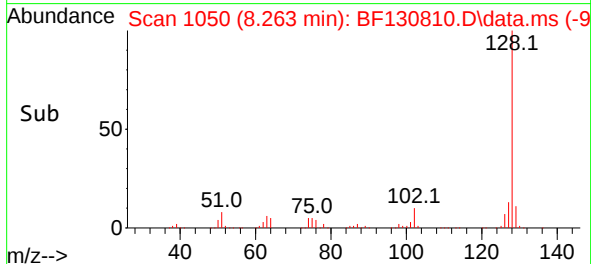
Instrument :
BNA_F
ClientSampleId :
PB148598BS



Tgt Ion:128 Resp: 851213
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 13.3 10.6 16.0

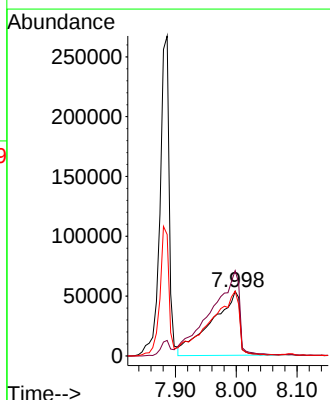
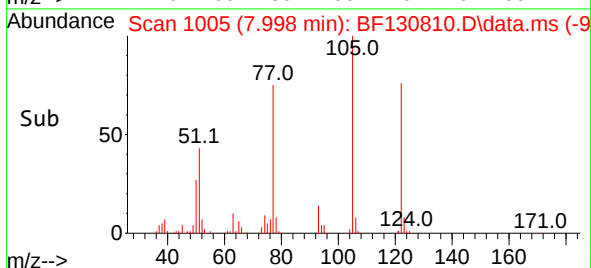
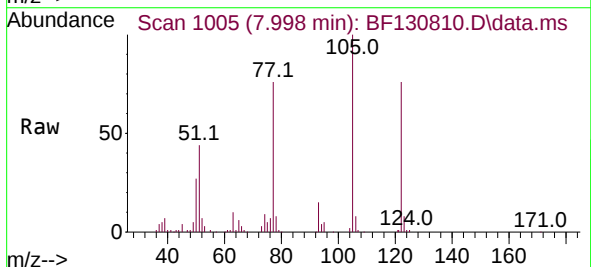
Manual Integrations
APPROVED

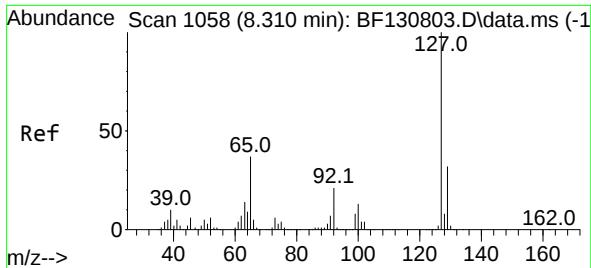
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#32
Benzoic acid
Concen: 46.028 ng
RT: 7.998 min Scan# 1005
Delta R.T. 0.011 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

Tgt Ion:122 Resp: 173046
Ion Ratio Lower Upper
122 100
105 132.0 114.5 154.5
77 100.3 89.8 129.8





#33
4-Chloroaniline
Concen: 33.562 ng
RT: 8.310 min Scan# 1058
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

Instrument :

BNA_F

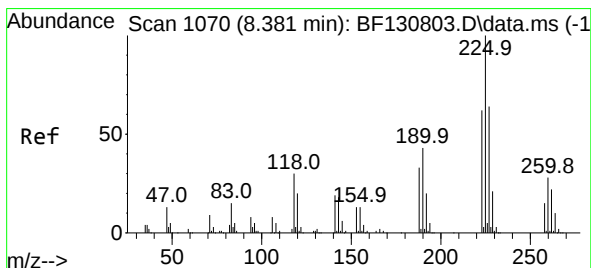
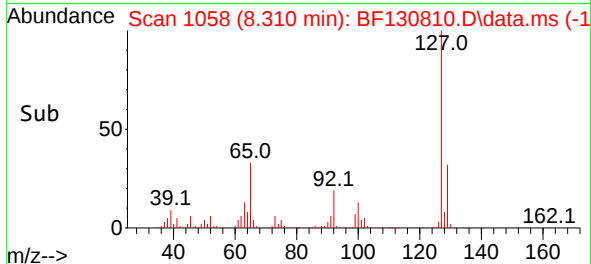
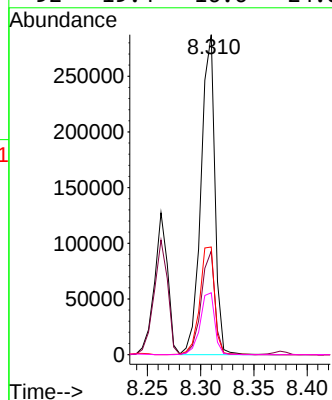
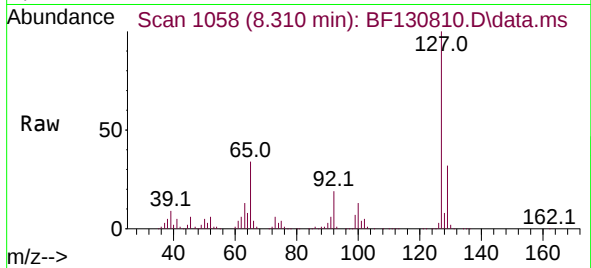
ClientSampleId :

PB148598BS

Tgt Ion:127 Resp: 259292
Ion Ratio Lower Upper
127 100
129 32.3 25.6 38.4
65 33.6 29.4 44.2
92 19.4 16.6 24.8

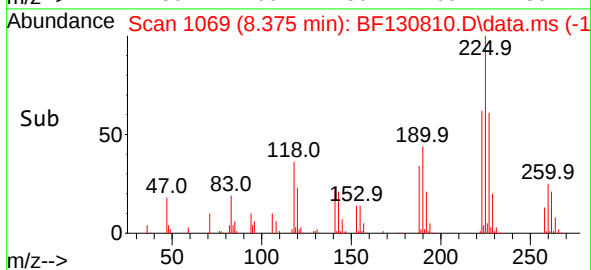
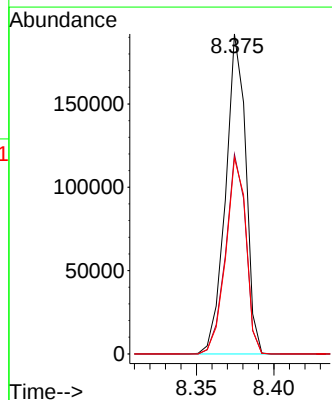
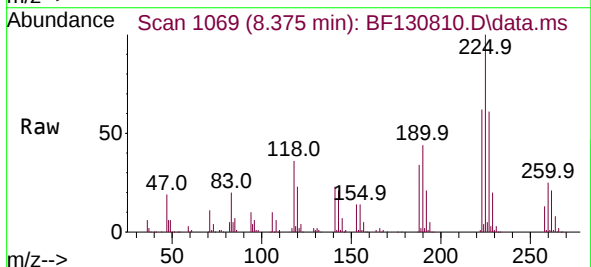
Manual Integrations
APPROVED

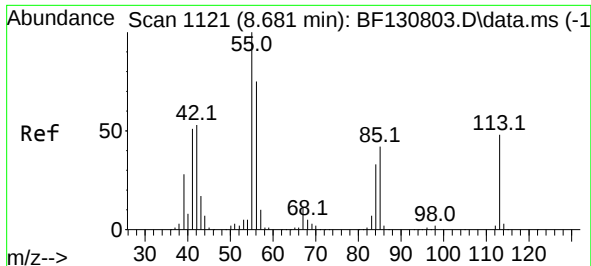
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#34
Hexachlorobutadiene
Concen: 44.465 ng
RT: 8.375 min Scan# 1069
Delta R.T. -0.006 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

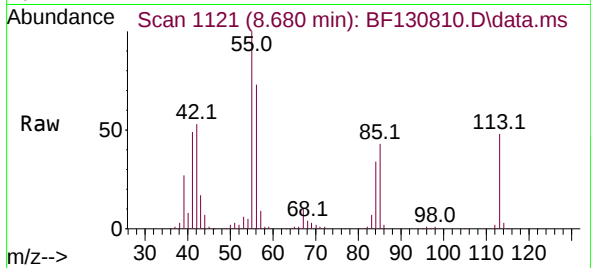
Tgt Ion:225 Resp: 174144
Ion Ratio Lower Upper
225 100
223 62.4 49.9 74.9
227 61.2 51.5 77.3





#35
Caprolactam
Concen: 47.616 ng m
RT: 8.680 min Scan# 1121
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

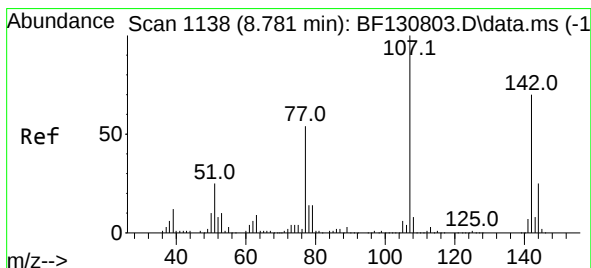
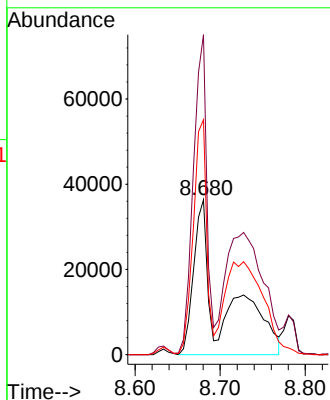
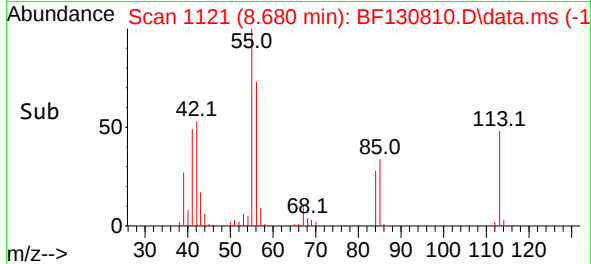
Instrument :
BNA_F
ClientSampleId :
PB148598BS



Tgt Ion:113 Resp: 83720
Ion Ratio Lower Upper
113 100
55 206.8 187.0 227.0
56 151.7 134.2 174.2

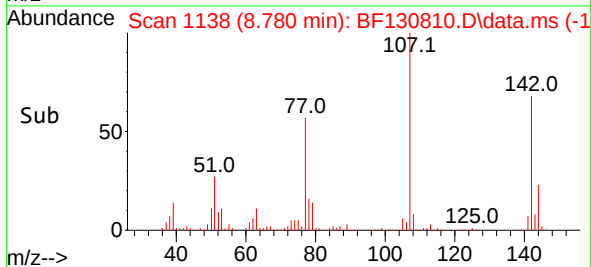
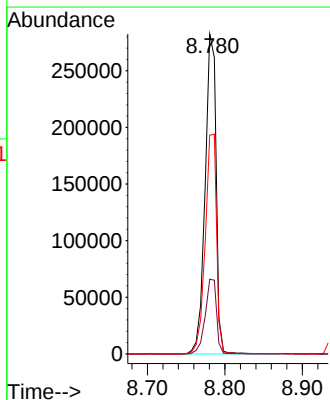
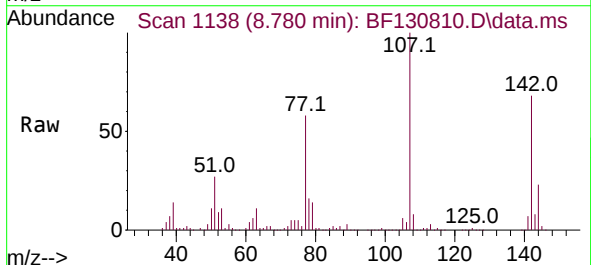
Manual Integrations
APPROVED

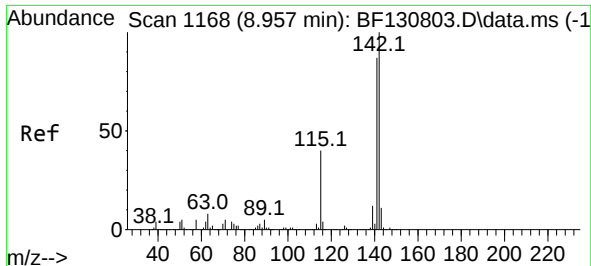
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#36
4-Chloro-3-methylphenol
Concen: 46.823 ng
RT: 8.780 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

Tgt Ion:107 Resp: 278661
Ion Ratio Lower Upper
107 100
144 23.3 19.8 29.8
142 68.3 56.0 84.0





#37

2-Methylnaphthalene

Concen: 43.861 ng

RT: 8.957 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF130810.D

Acq: 27 Oct 2022 21:53

Instrument :

BNA_F

ClientSampleId :

PB148598BS

Tgt Ion:142 Resp: 539408

Ion Ratio Lower Upper

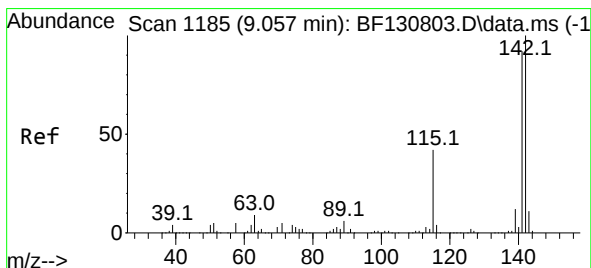
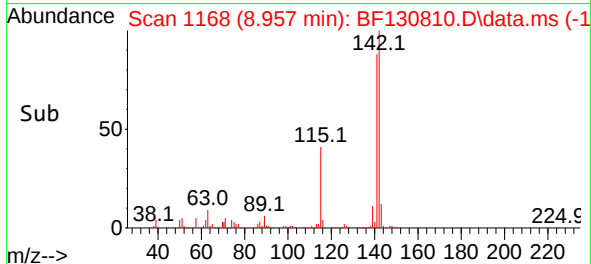
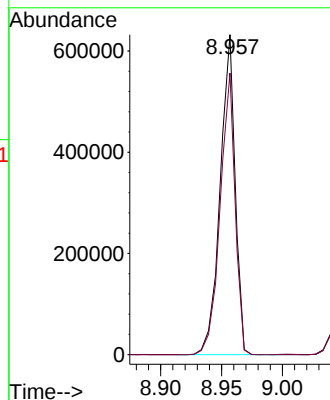
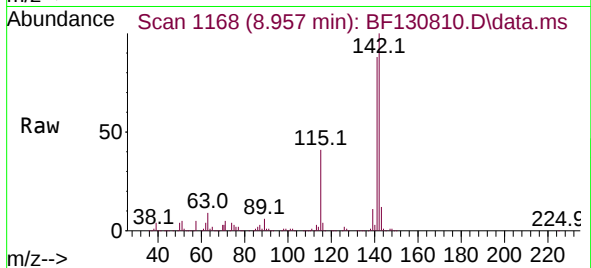
142 100

141 88.0 69.9 104.9

Manual Integrations

APPROVED

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



#38

1-Methylnaphthalene

Concen: 41.988 ng

RT: 9.057 min Scan# 1185

Delta R.T. -0.000 min

Lab File: BF130810.D

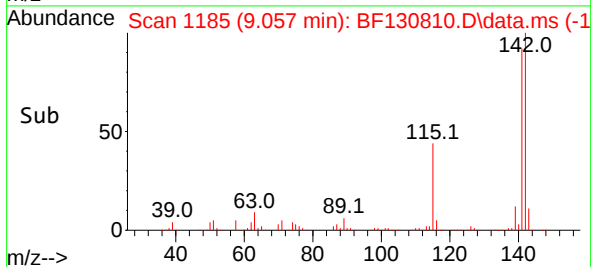
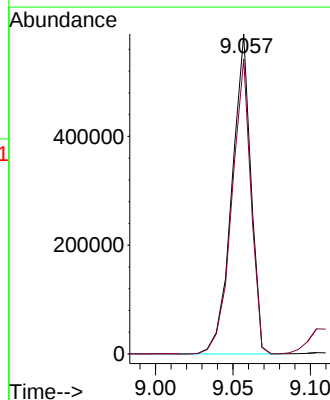
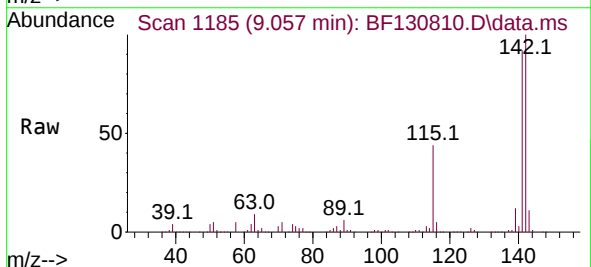
Acq: 27 Oct 2022 21:53

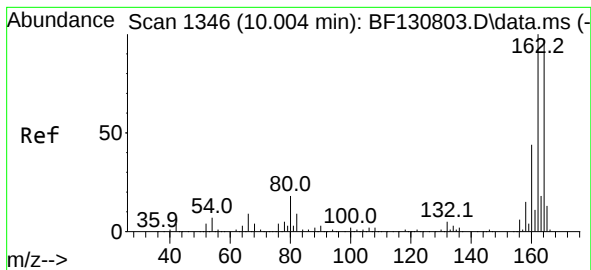
Tgt Ion:142 Resp: 502529

Ion Ratio Lower Upper

142 100

141 92.2 73.5 110.3





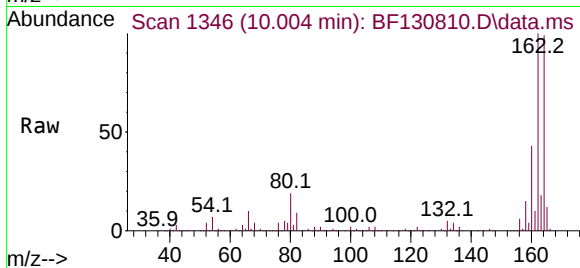
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

Instrument :

BNA_F

ClientSampleId :

PB148598BS

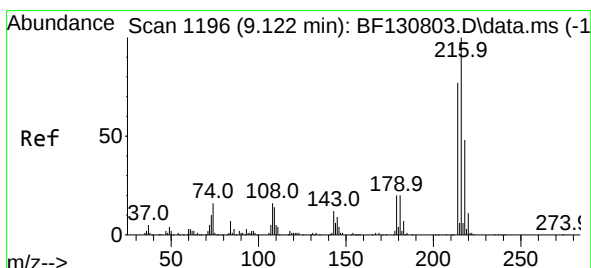
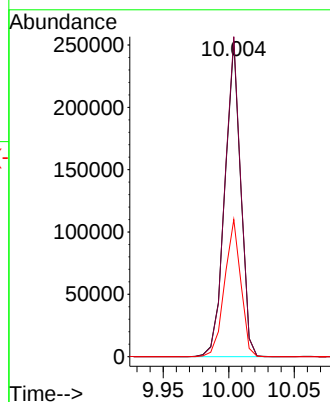
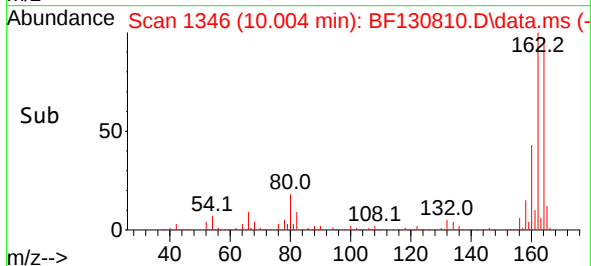


Tgt Ion:164 Resp: 213094
Ion Ratio Lower Upper
164 100
162 101.3 82.2 123.2
160 43.4 36.6 54.8

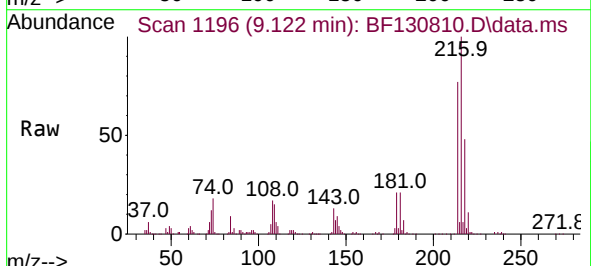
Manual Integrations

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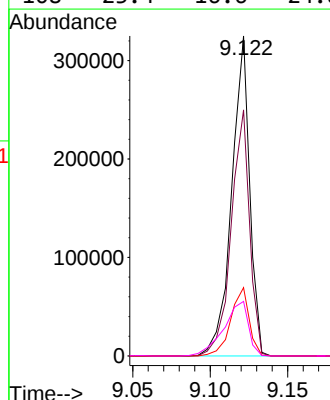
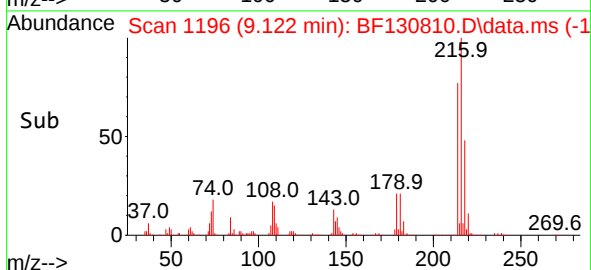
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

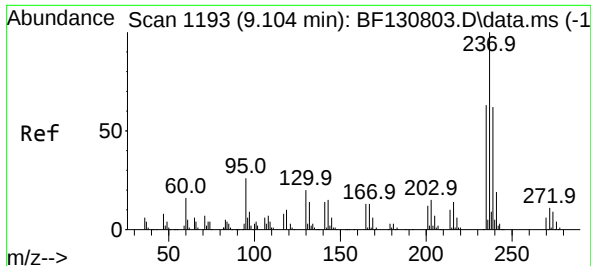


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.604 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53



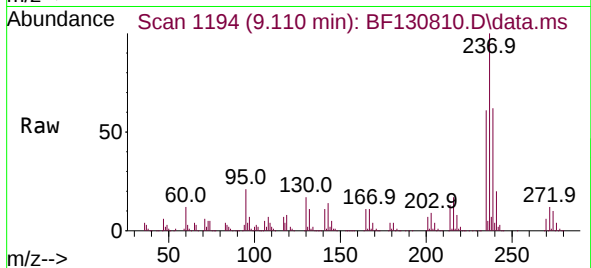
Tgt Ion:216 Resp: 263500
Ion Ratio Lower Upper
216 100
214 78.5 62.7 94.1
179 21.9 16.9 25.3
108 23.4 16.6 24.8





#41
Hexachlorocyclopentadiene
Concen: 115.883 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

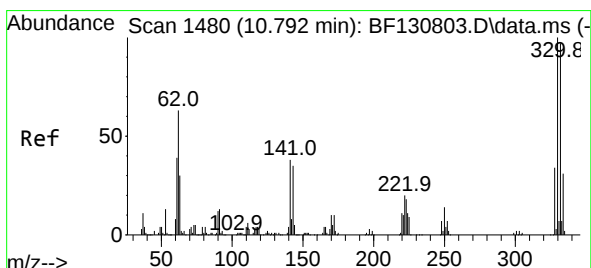
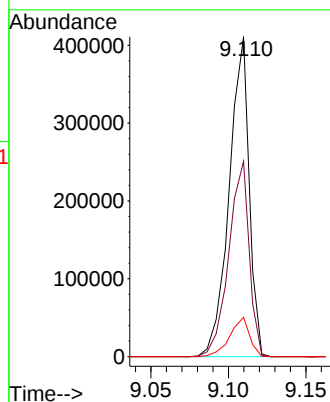
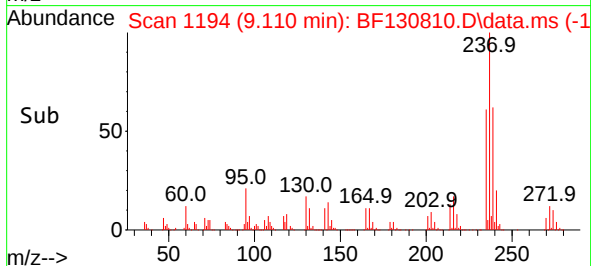
Instrument :
BNA_F
ClientSampleId :
PB148598BS



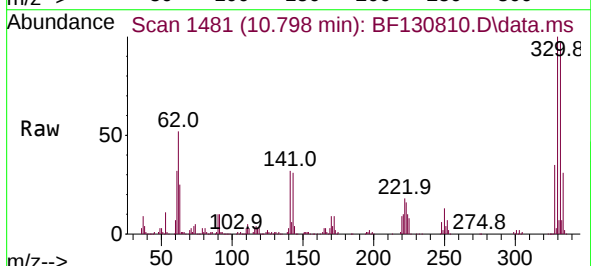
Tgt Ion: 237 Resp: 367944
Ion Ratio Lower Upper
237 100
235 61.0 43.5 83.5
272 12.3 0.0 31.4

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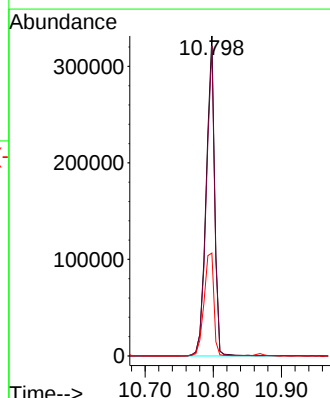
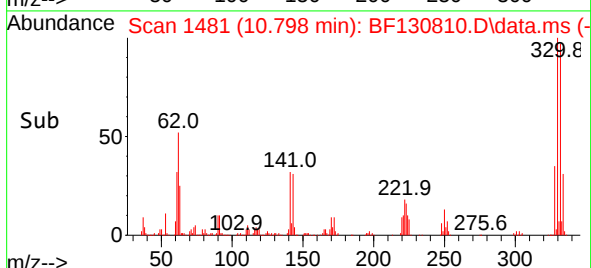
Reviewed By : Christian Giraldo 10/28/2022
Supervised By : mohammad ahmed 11/04/2022

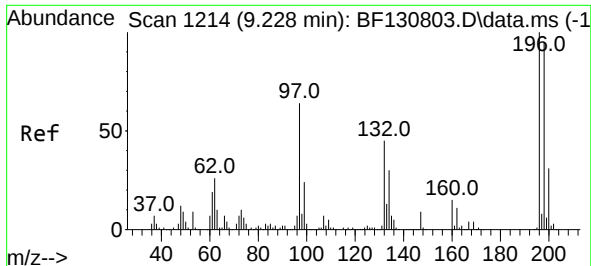


#42
2,4,6-Tribromophenol
Concen: 158.726 ng
RT: 10.798 min Scan# 1481
Delta R.T. 0.006 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53



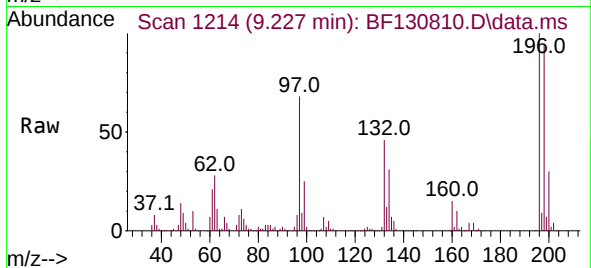
Tgt Ion: 330 Resp: 284726
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 37.4 31.4 47.0





#43
2,4,6-Trichlorophenol
Concen: 44.645 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.001 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

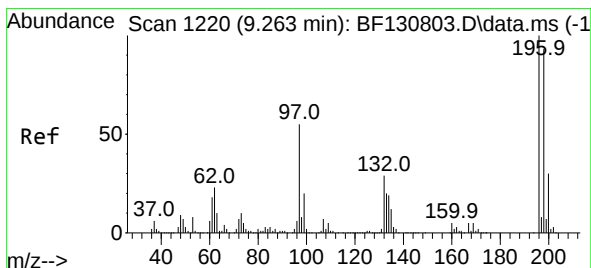
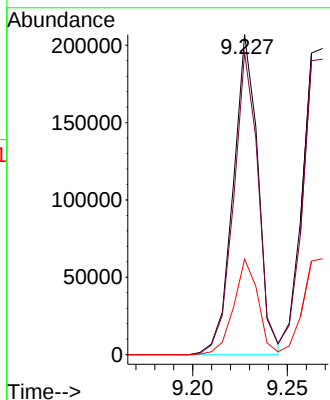
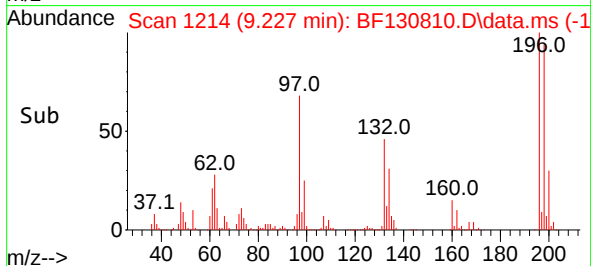
Instrument :
BNA_F
ClientSampleId :
PB148598BS



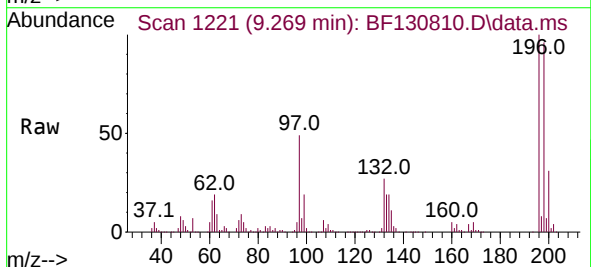
Tgt Ion:196 Resp: 187469
Ion Ratio Lower Upper
196 100
198 94.4 76.1 114.1
200 29.8 24.5 36.7

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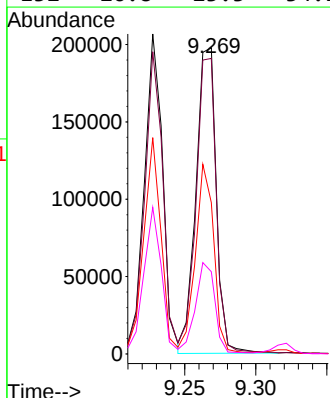
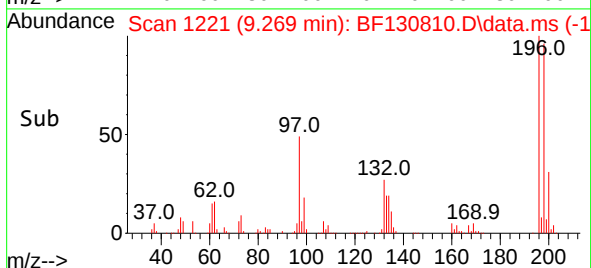
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

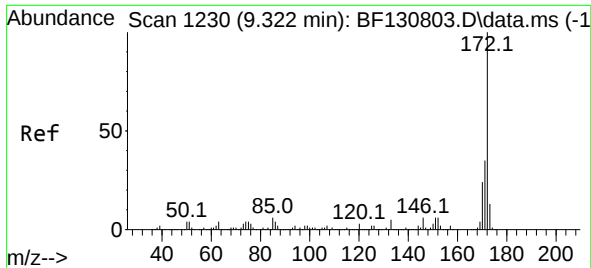


#44
2,4,5-Trichlorophenol
Concen: 43.891 ng
RT: 9.269 min Scan# 1221
Delta R.T. 0.006 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53



Tgt Ion:196 Resp: 196904
Ion Ratio Lower Upper
196 100
198 96.5 74.6 112.0
97 49.4 44.7 67.1
132 26.8 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 84.255 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

Instrument :

BNA_F

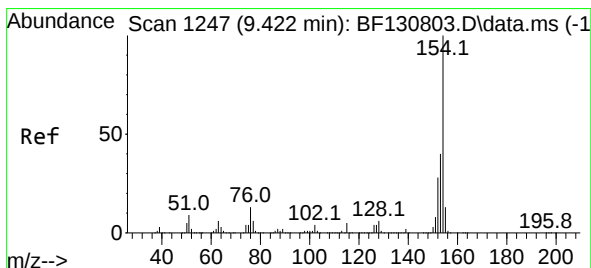
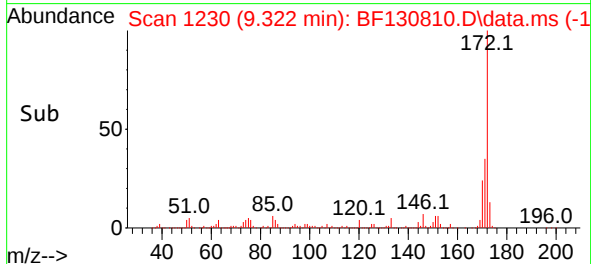
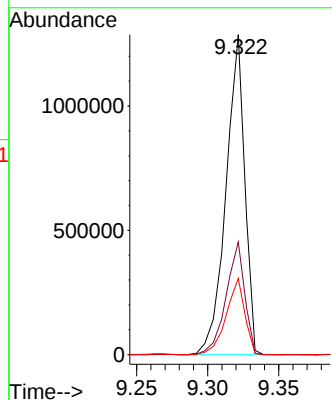
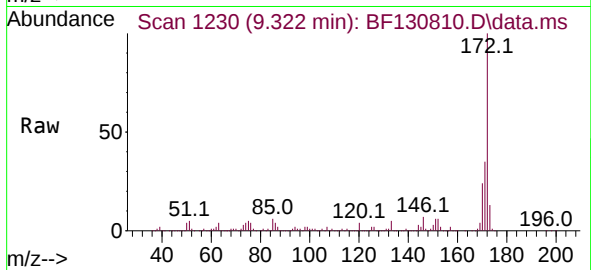
ClientSampleId :

PB148598BS

Tgt Ion:172 Resp: 1187538
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.8 19.0 28.4

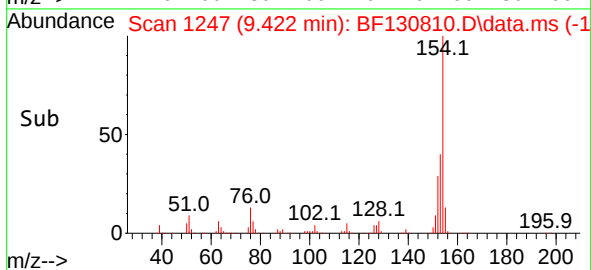
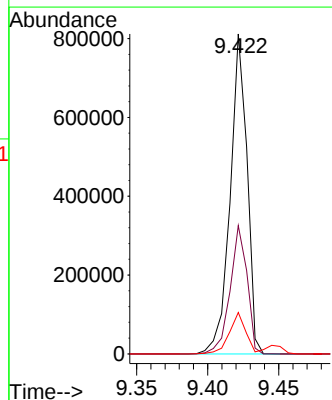
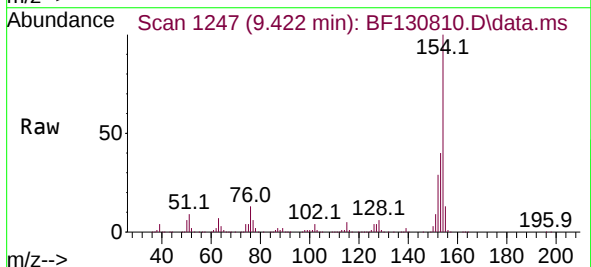
Manual Integrations
APPROVED

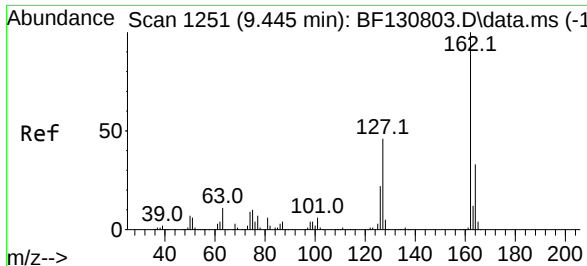
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#46
1,1'-Biphenyl
Concen: 44.253 ng
RT: 9.422 min Scan# 1247
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

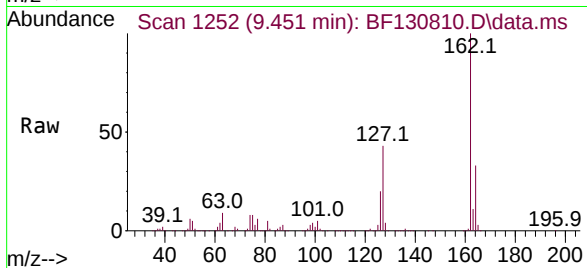
Tgt Ion:154 Resp: 671847
Ion Ratio Lower Upper
154 100
153 40.1 19.9 59.9
76 12.9 0.0 32.5





#47
2-Chloronaphthalene
Concen: 43.014 ng
RT: 9.451 min Scan# 1251
Delta R.T. 0.006 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

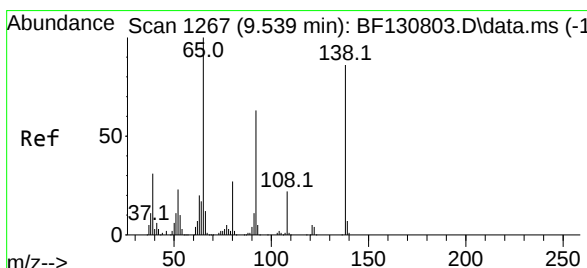
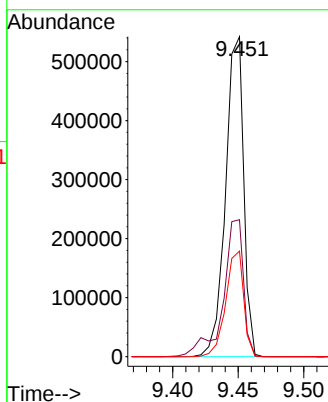
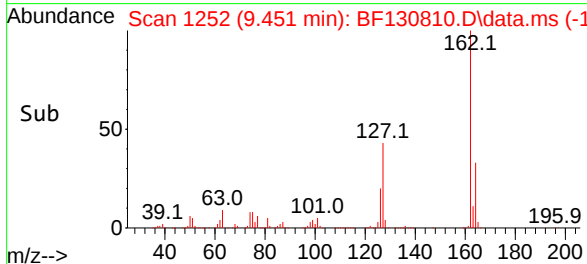
Instrument :
BNA_F
ClientSampleId :
PB148598BS



Tgt Ion:162 Resp: 523644
Ion Ratio Lower Upper
162 100
127 42.8 36.6 54.8
164 33.0 26.5 39.7

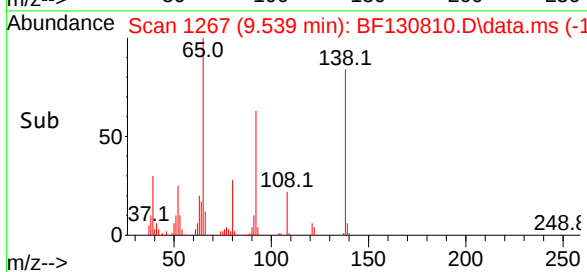
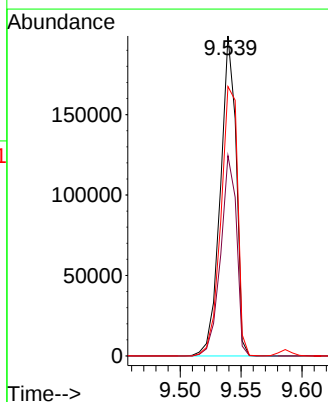
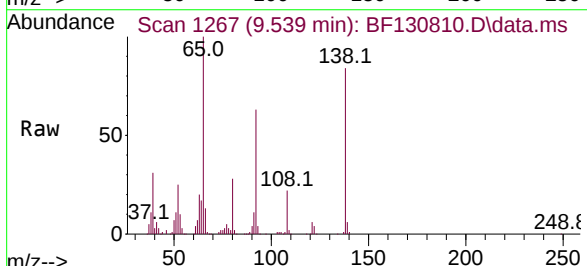
Manual Integrations
APPROVED

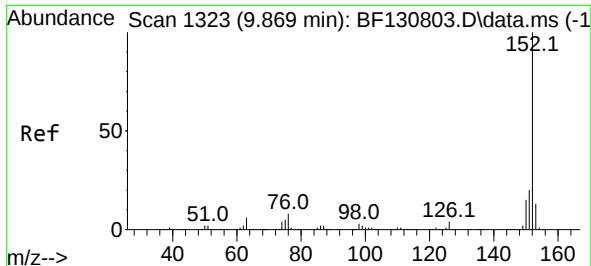
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#48
2-Nitroaniline
Concen: 45.858 ng
RT: 9.539 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

Tgt Ion: 65 Resp: 178719
Ion Ratio Lower Upper
65 100
92 62.6 50.1 75.1
138 84.2 69.2 103.8





#49

Acenaphthylene

Concen: 43.630 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.000 min

Lab File: BF130810.D

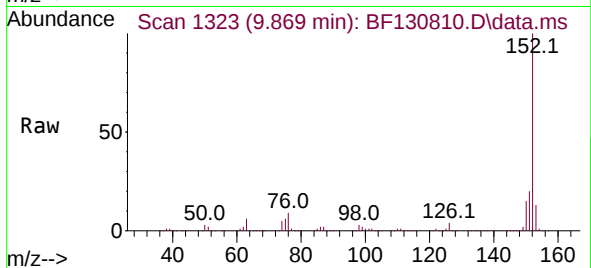
Acq: 27 Oct 2022 21:53

Instrument :

BNA_F

ClientSampleId :

PB148598BS



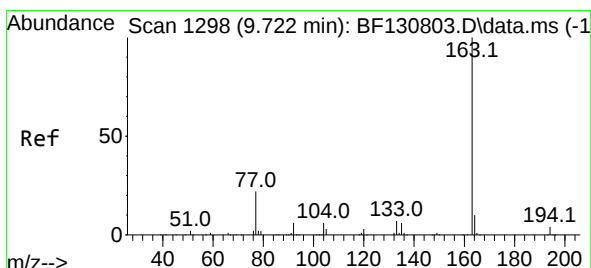
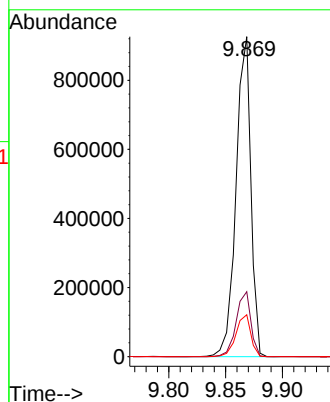
Tgt Ion:152 Resp: 839345

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.8	23.8
153	13.1	10.2	15.4

Manual Integrations

APPROVED

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



#50

Dimethylphthalate

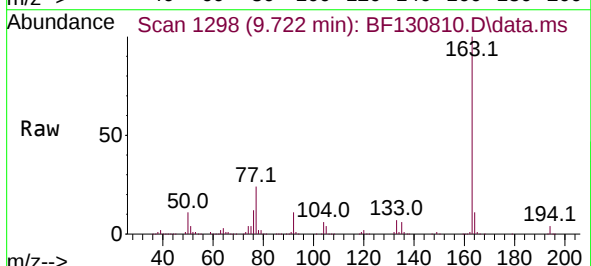
Concen: 44.064 ng

RT: 9.722 min Scan# 1298

Delta R.T. -0.000 min

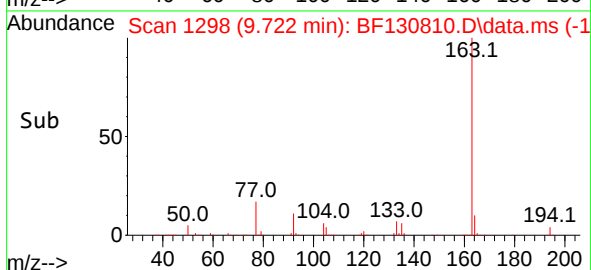
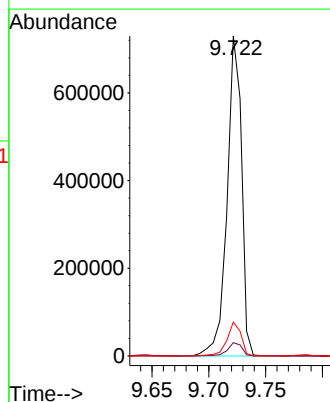
Lab File: BF130810.D

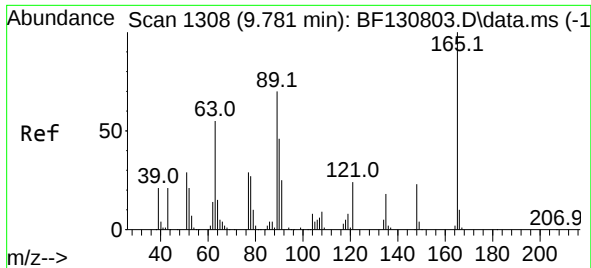
Acq: 27 Oct 2022 21:53



Tgt Ion:163 Resp: 644937

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.6	8.0	12.0





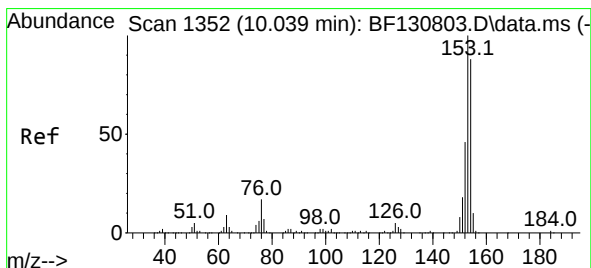
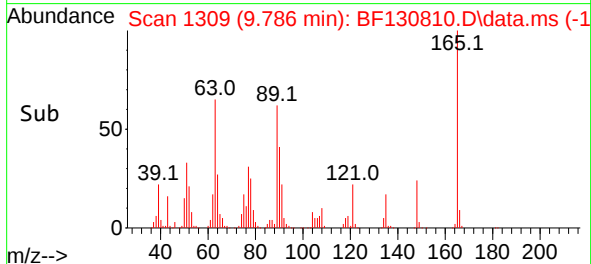
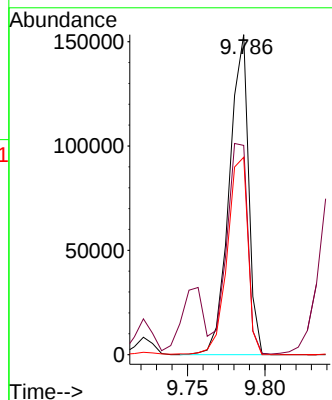
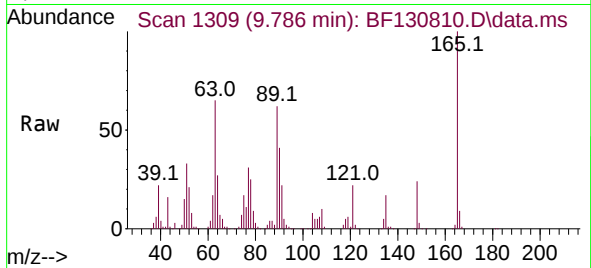
#51
2,6-Dinitrotoluene
Concen: 47.575 ng
RT: 9.786 min Scan# 1308
Delta R.T. 0.005 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

Instrument :
BNA_F
ClientSampleId :
PB148598BS

Tgt Ion:165 Resp: 132296
Ion Ratio Lower Upper
165 100
63 65.4 61.8 92.8
89 61.7 56.2 84.4

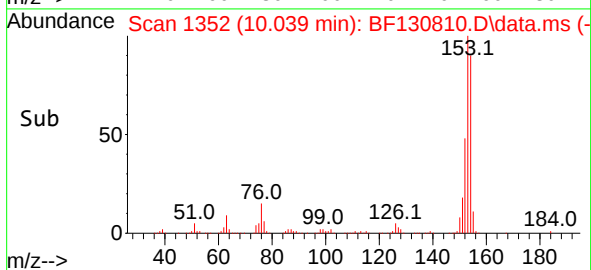
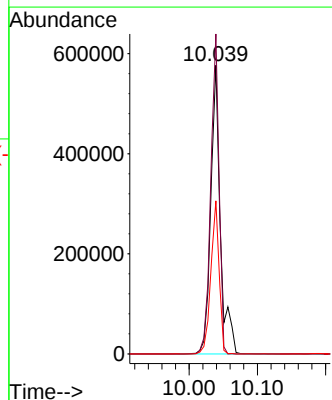
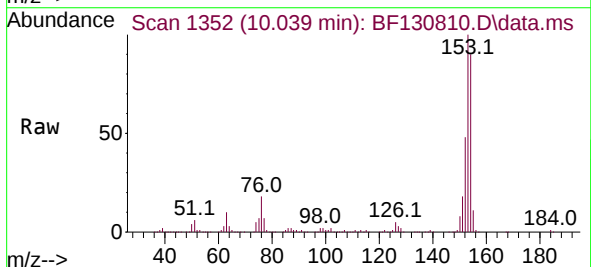
Manual Integrations
APPROVED

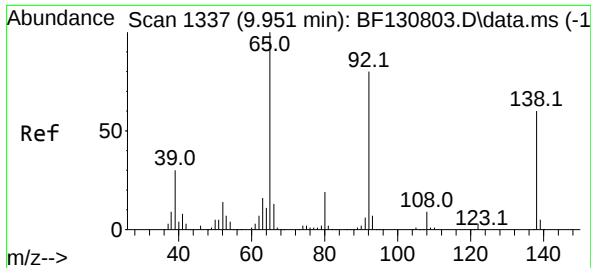
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#52
Acenaphthene
Concen: 47.353 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

Tgt Ion:154 Resp: 563294
Ion Ratio Lower Upper
154 100
153 110.9 90.5 135.7
152 53.0 42.0 63.0





#53
3-Nitroaniline
Concen: 38.727 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

Instrument :

BNA_F

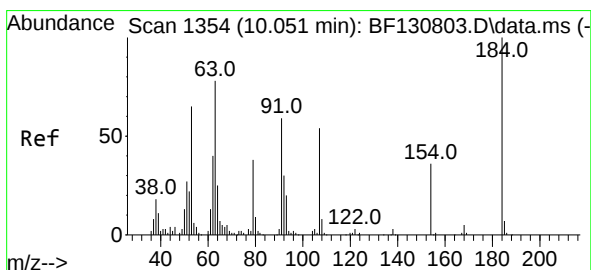
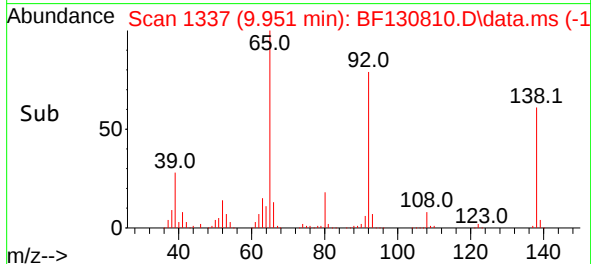
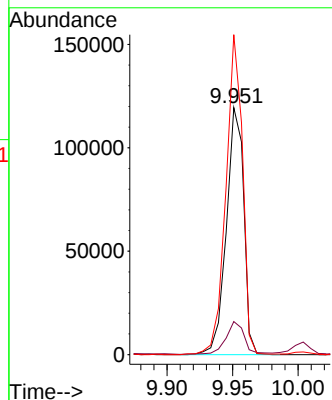
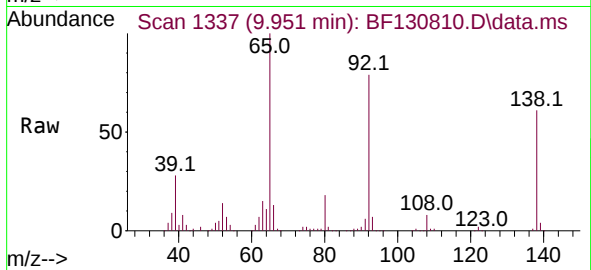
ClientSampleId :

PB148598BS

Tgt Ion:138 Resp: 110404
Ion Ratio Lower Upper
138 100
108 13.4 12.7 19.1
92 129.6 107.8 161.8

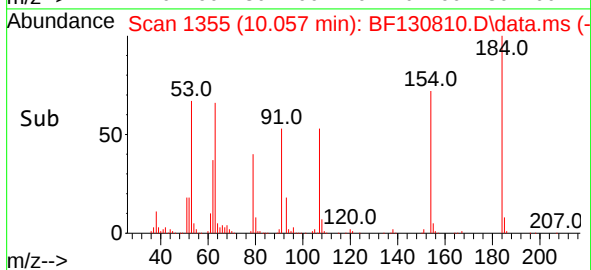
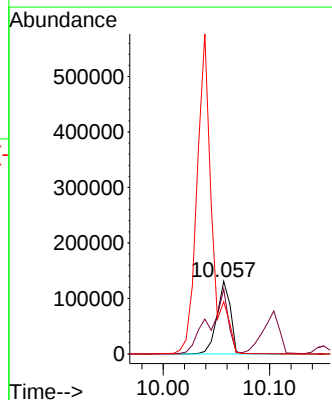
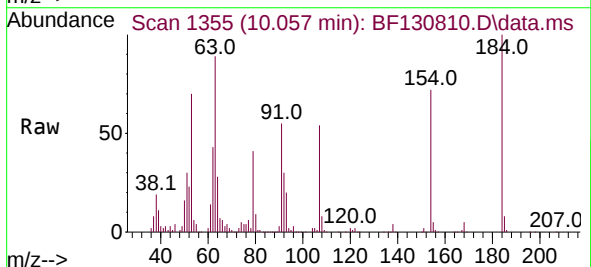
Manual Integrations
APPROVED

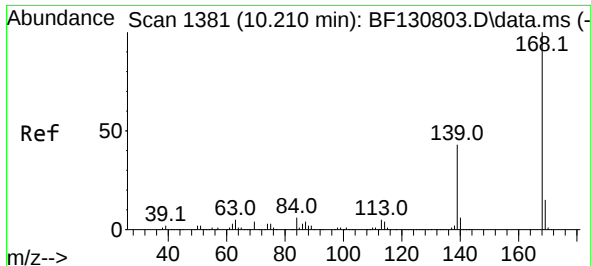
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#54
2,4-Dinitrophenol
Concen: 84.233 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

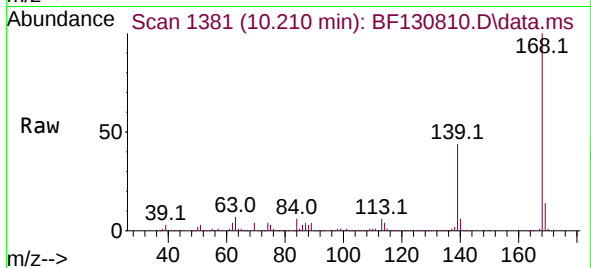
Tgt Ion:184 Resp: 115111
Ion Ratio Lower Upper
184 100
63 89.2 66.7 100.1
154 71.8 62.2 93.2





#55
Dibenzofuran
Concen: 43.596 ng
RT: 10.210 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

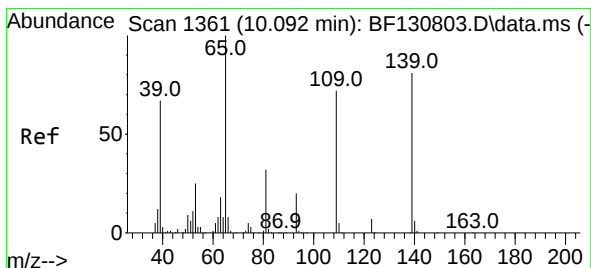
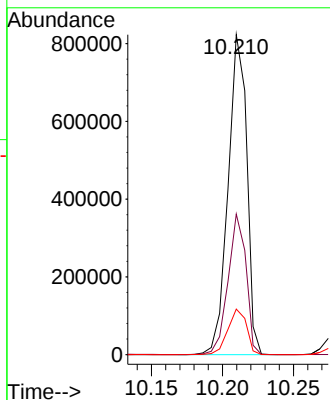
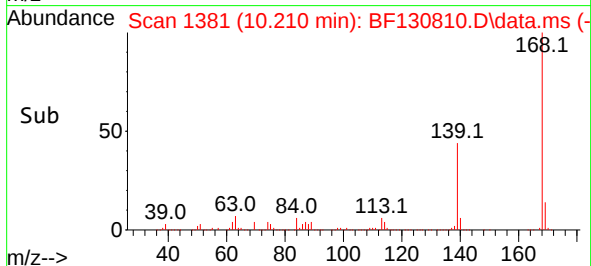
Instrument :
BNA_F
ClientSampleId :
PB148598BS



Tgt Ion:168 Resp: 75170
Ion Ratio Lower Upper
168 100
139 43.9 34.3 51.5
169 14.2 11.9 17.9

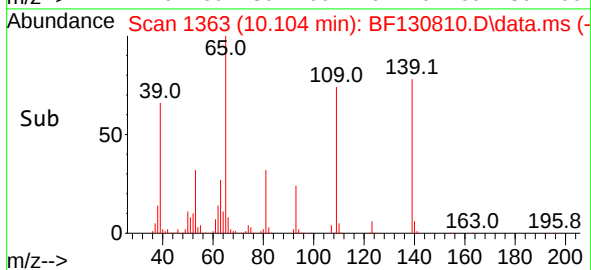
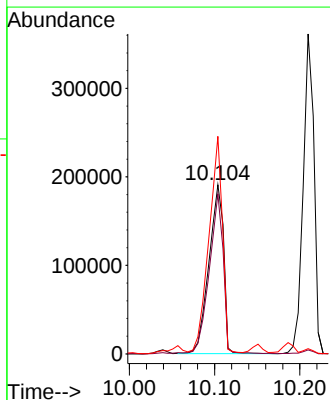
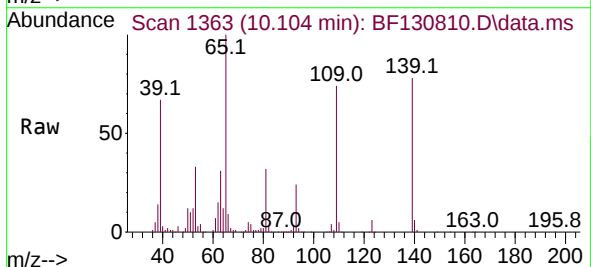
Manual Integrations
APPROVED

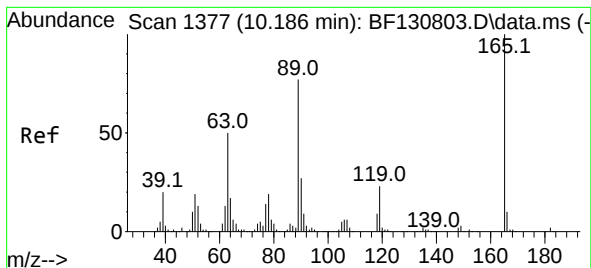
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#56
4-Nitrophenol
Concen: 101.311 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.012 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

Tgt Ion:139 Resp: 228691
Ion Ratio Lower Upper
139 100
109 94.6 69.3 109.3
65 128.7 105.3 145.3





#57
2,4-Dinitrotoluene
Concen: 49.761 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

Instrument :

BNA_F

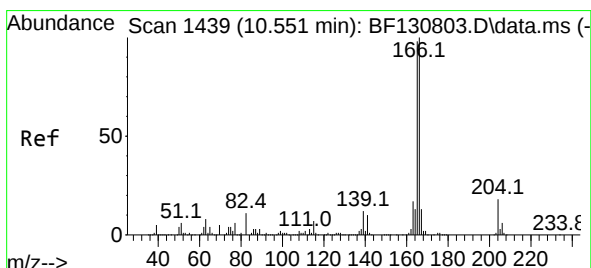
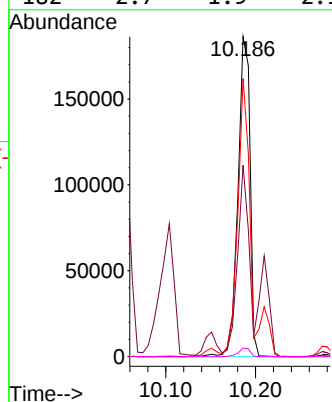
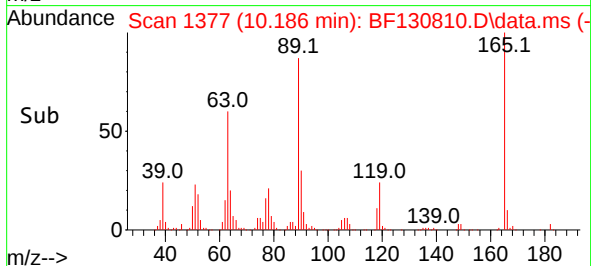
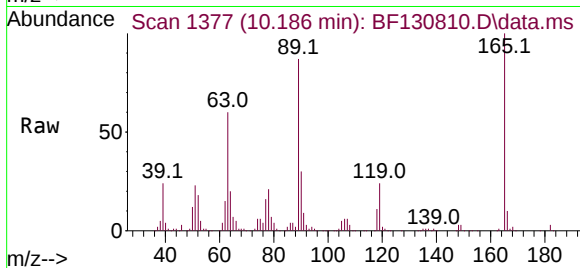
ClientSampleId :

PB148598BS

Tgt Ion:165 Resp: 174468
Ion Ratio Lower Upper
165 100
63 59.8 39.8 59.6
89 86.9 61.9 92.9
182 2.7 1.9 2.9

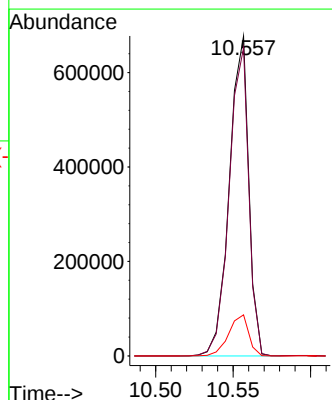
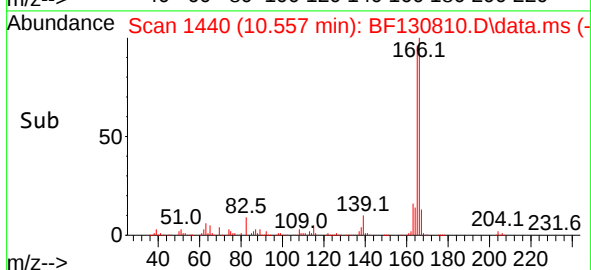
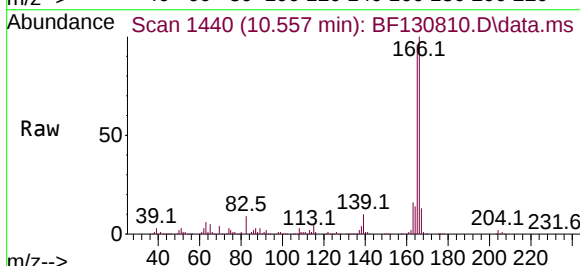
Manual Integrations
APPROVED

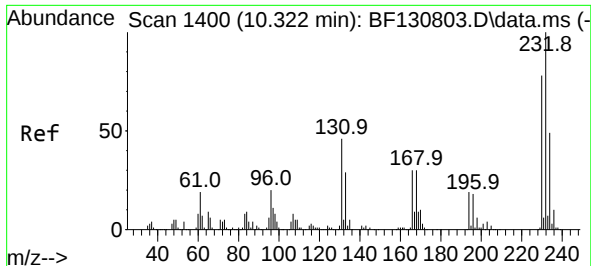
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#58
Fluorene
Concen: 43.446 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

Tgt Ion:166 Resp: 589872
Ion Ratio Lower Upper
166 100
165 96.3 78.1 117.1
167 12.8 10.4 15.6





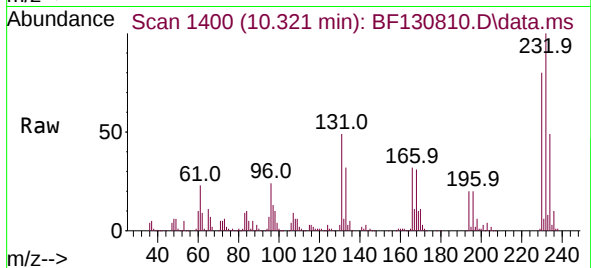
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.327 ng
RT: 10.321 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

Instrument :

BNA_F

ClientSampleId :

PB148598BS

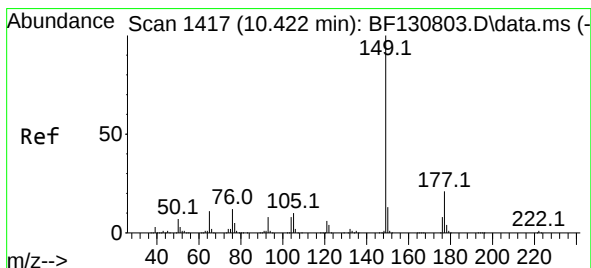
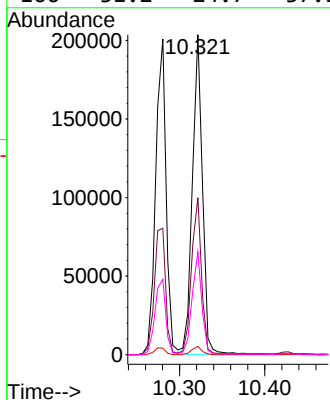
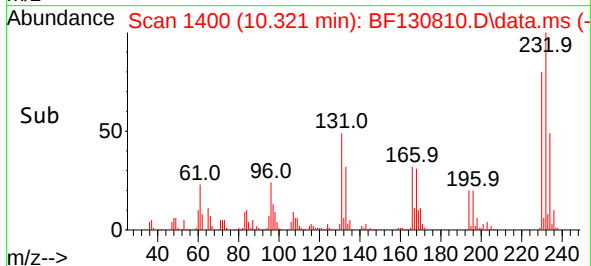


Tgt Ion:232 Resp: 167650
Ion Ratio Lower Upper
232 100
131 48.6 39.6 59.4
130 2.5 2.1 3.1
166 31.2 24.7 37.1

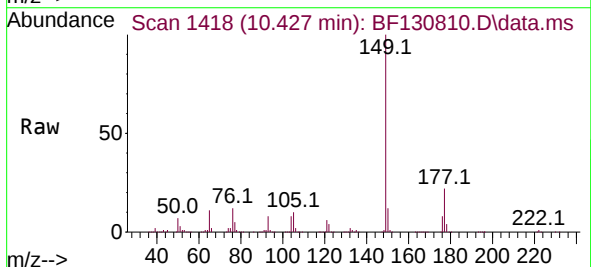
Manual Integrations

APPROVED

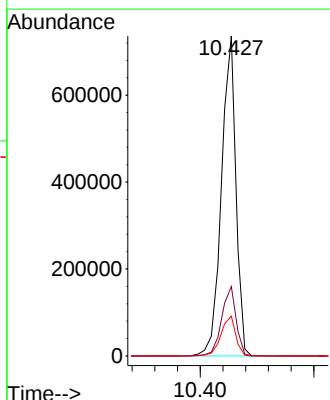
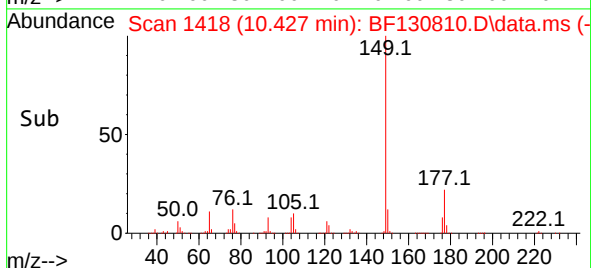
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

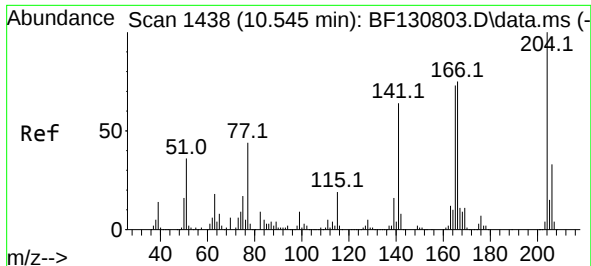


#60
Diethylphthalate
Concen: 44.954 ng
RT: 10.427 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53



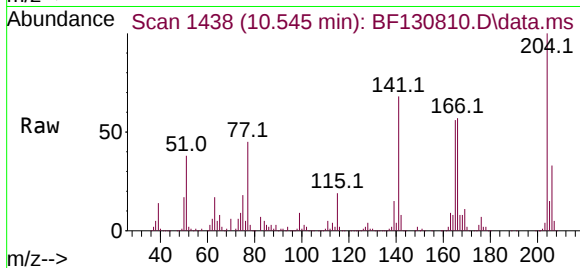
Tgt Ion:149 Resp: 647090
Ion Ratio Lower Upper
149 100
177 21.7 17.2 25.8
150 12.4 10.8 16.2





#61
4-Chlorophenyl-phenylether
Concen: 44.170 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

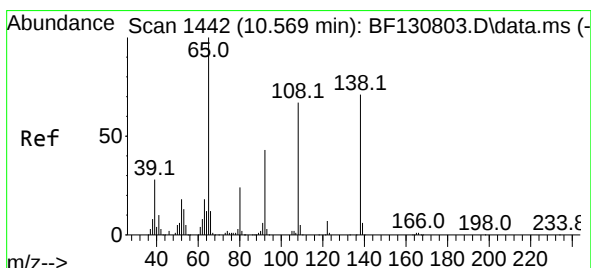
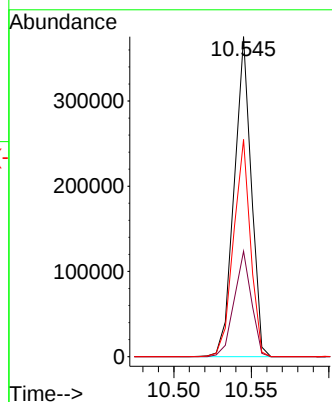
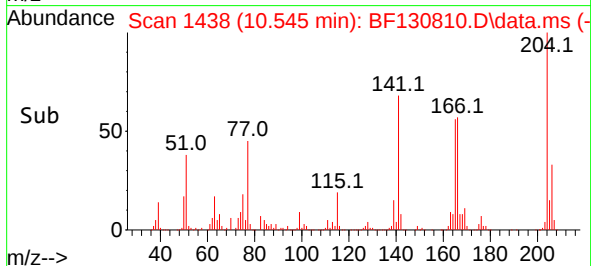
Instrument :
BNA_F
ClientSampleId :
PB148598BS



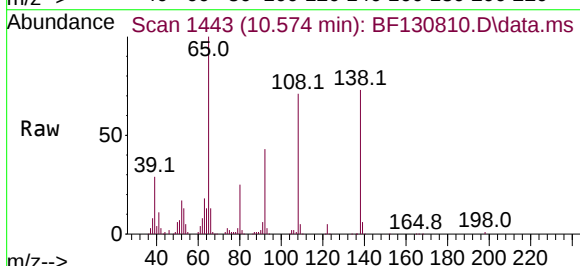
Tgt Ion:204 Resp: 28688
Ion Ratio Lower Upper
204 100
206 32.9 26.6 39.8
141 67.8 51.3 76.9

Manual Integrations
APPROVED

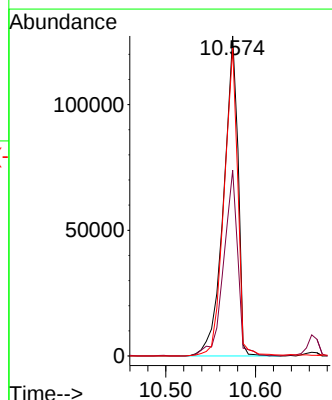
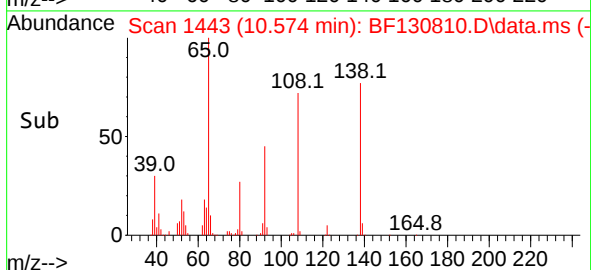
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

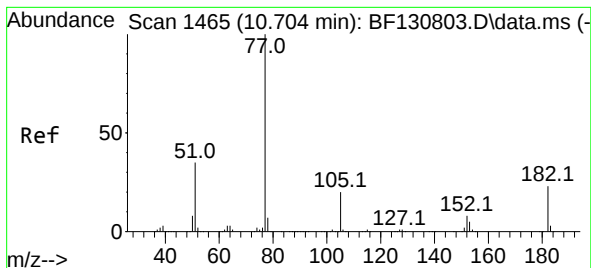


#62
4-Nitroaniline
Concen: 49.157 ng
RT: 10.574 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53



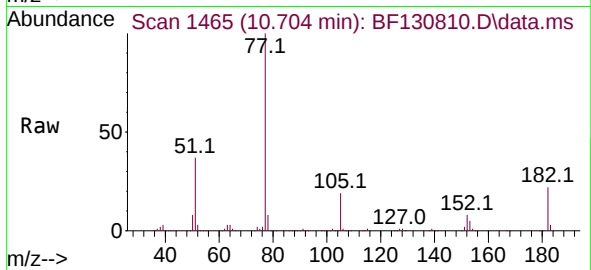
Tgt Ion:138 Resp: 141905
Ion Ratio Lower Upper
138 100
92 58.0 40.6 80.6
108 96.3 74.7 114.7





#63
Azobenzene
Concen: 44.539 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

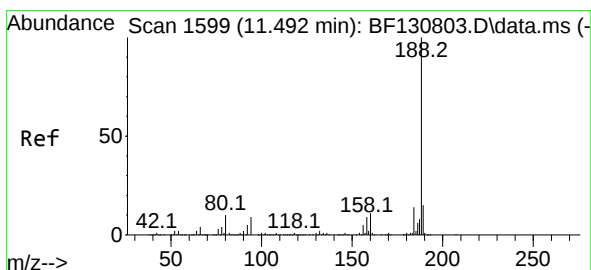
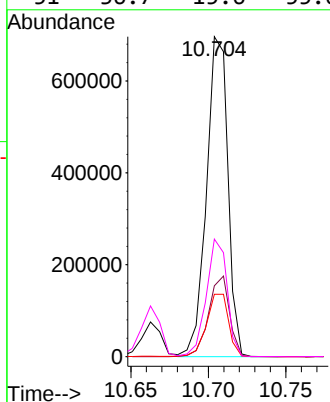
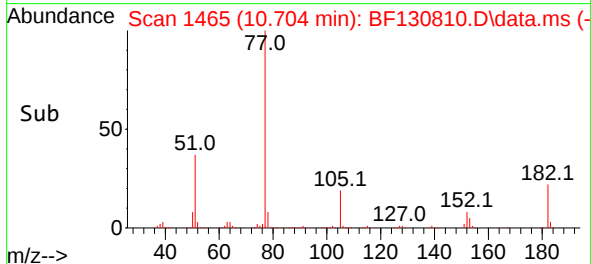
Instrument :
BNA_F
ClientSampleId :
PB148598BS



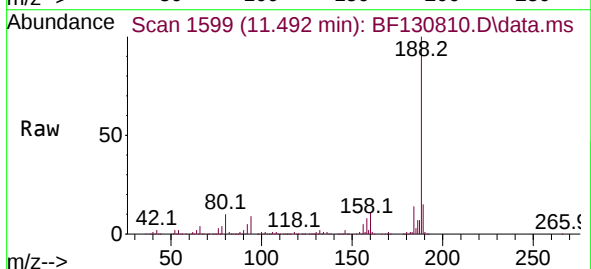
Tgt Ion: 77 Resp: 66925
Ion Ratio Lower Upper
77 100
182 22.1 2.6 42.6
105 19.5 0.0 40.0
51 36.7 15.6 55.6

Manual Integrations
APPROVED

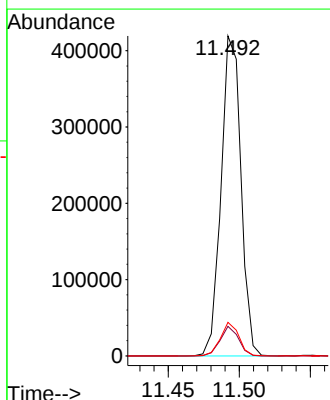
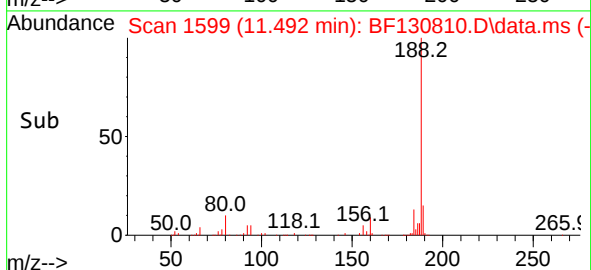
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

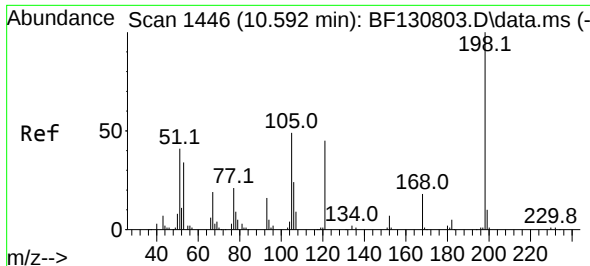


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53



Tgt Ion:188 Resp: 406699
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 10.5 8.0 12.0





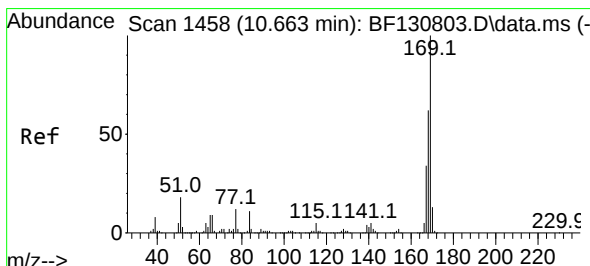
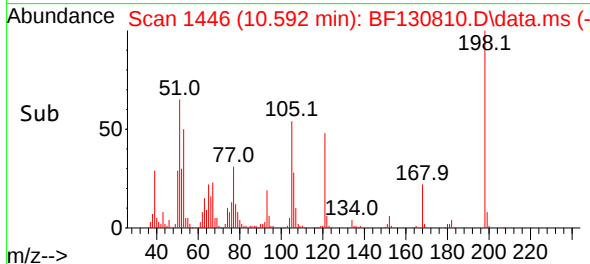
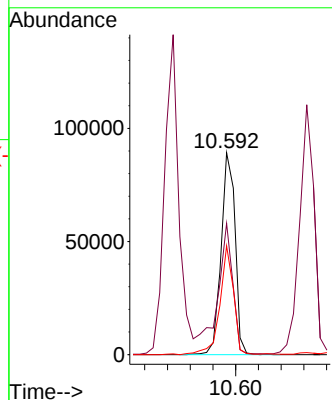
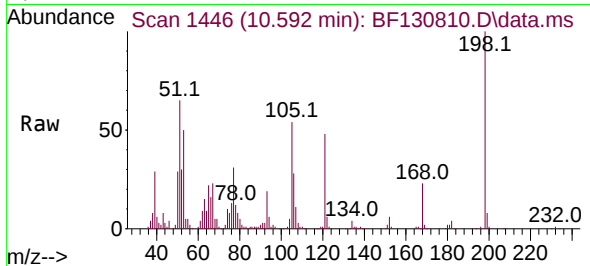
#65
4,6-Dinitro-2-methylphenol
Concen: 45.173 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

Instrument :
BNA_F
ClientSampleId :
PB148598BS

Tgt Ion:198 Resp: 75831
Ion Ratio Lower Upper
198 100
51 65.1 39.0 79.0
105 53.9 30.6 70.6

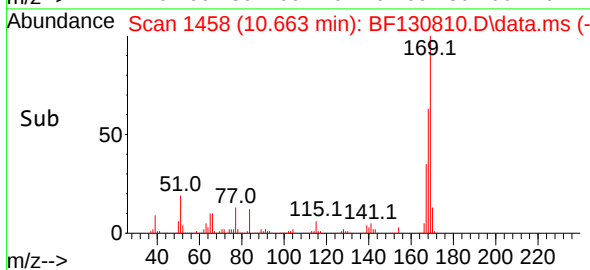
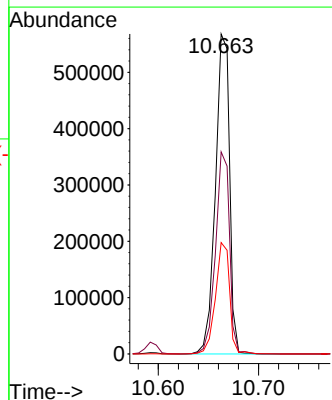
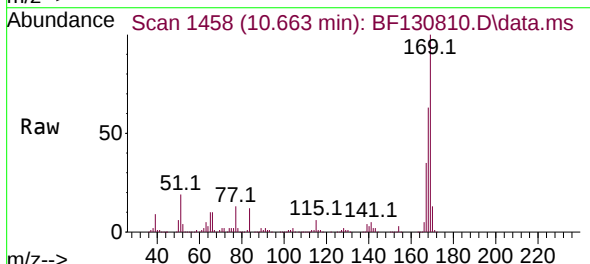
Manual Integrations
APPROVED

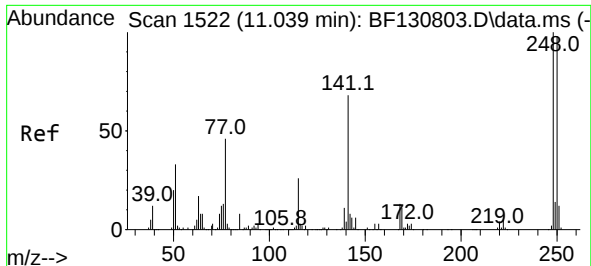
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#66
n-Nitrosodiphenylamine
Concen: 43.781 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

Tgt Ion:169 Resp: 555386
Ion Ratio Lower Upper
169 100
168 63.1 49.4 74.0
167 34.8 27.4 41.2





#67
4-Bromophenyl-phenylether
Concen: 44.729 ng
RT: 11.039 min Scan# 1522
Delta R.T. 0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

Instrument :

BNA_F

ClientSampleId :

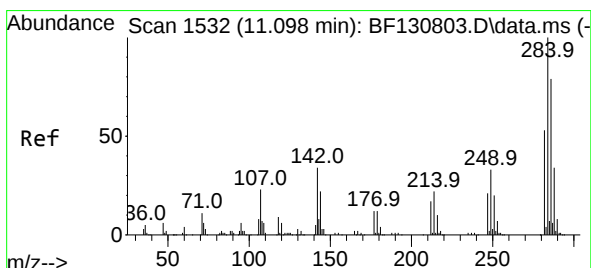
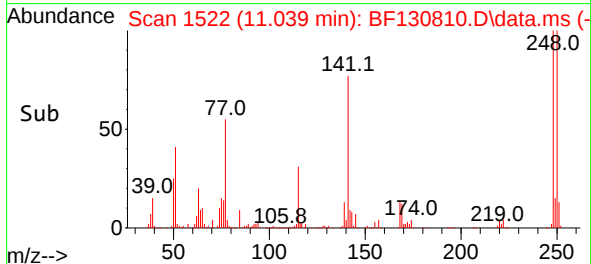
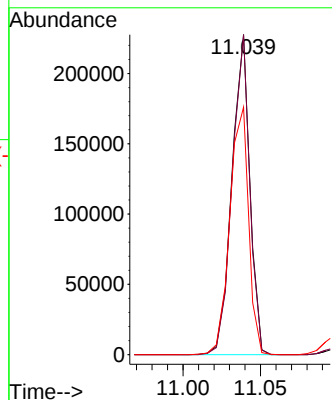
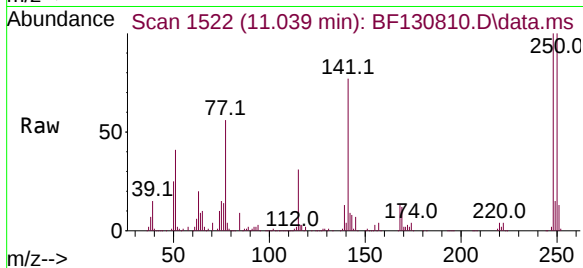
PB148598BS

Tgt Ion:248 Resp: 182942
Ion Ratio Lower Upper
248 100
250 100.0 78.6 117.8
141 77.3 54.2 81.4

Manual Integrations

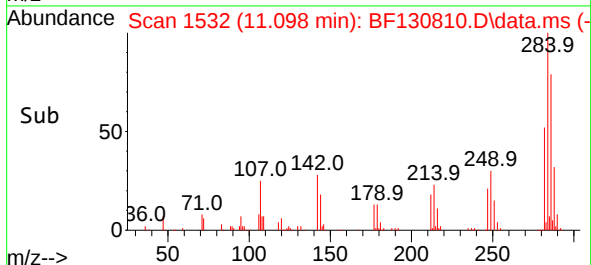
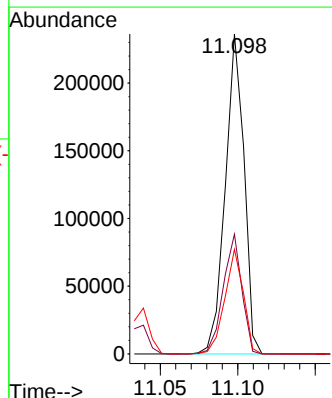
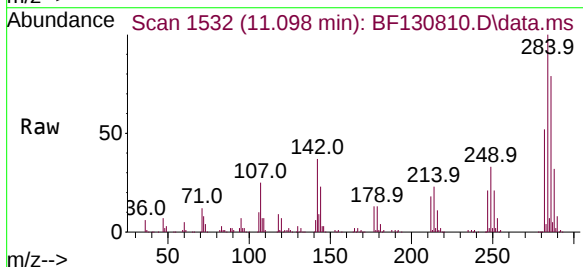
APPROVED

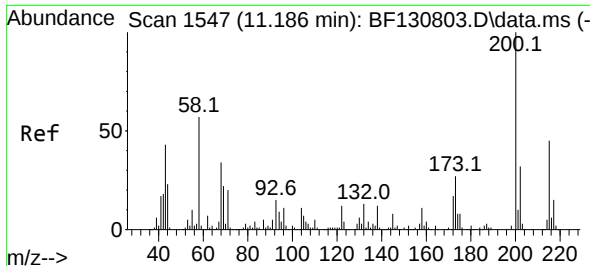
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#68
Hexachlorobenzene
Concen: 44.281 ng
RT: 11.098 min Scan# 1532
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

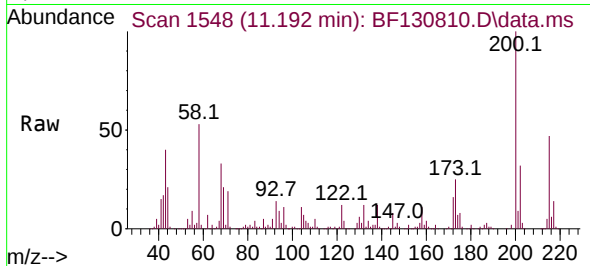
Tgt Ion:284 Resp: 199544
Ion Ratio Lower Upper
284 100
142 37.4 27.1 40.7
249 32.7 26.6 39.8





#69
Atrazine
Concen: 52.475 ng
RT: 11.192 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

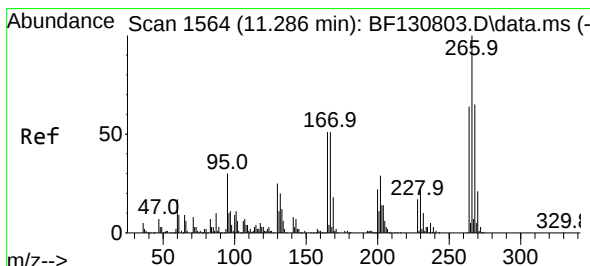
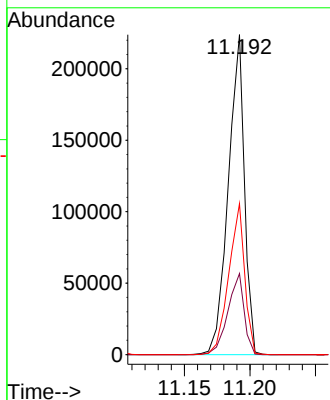
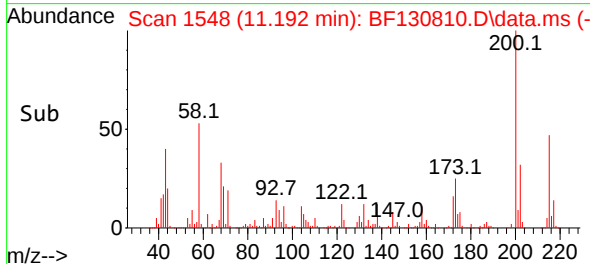
Instrument :
BNA_F
ClientSampleId :
PB148598BS



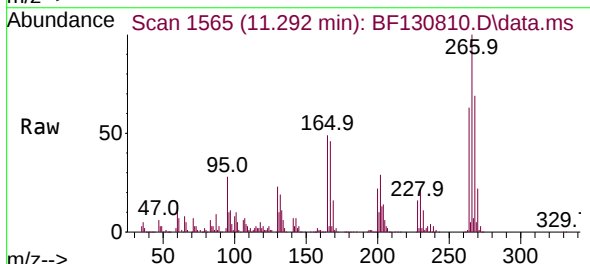
Tgt Ion:200 Resp: 192244
Ion Ratio Lower Upper
200 100
173 25.3 7.1 47.1
215 47.2 25.4 65.4

Manual Integrations
APPROVED

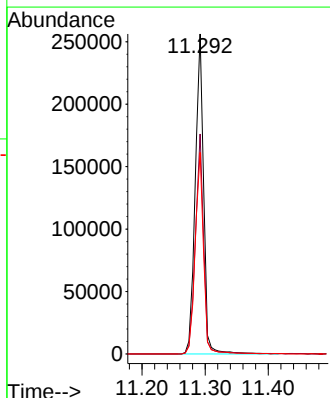
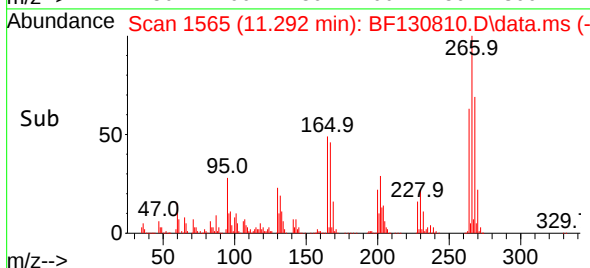
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

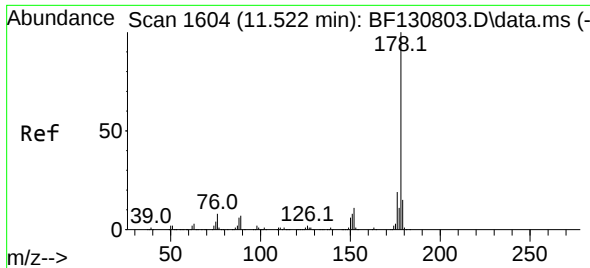


#70
Pentachlorophenol
Concen: 92.288 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.006 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53



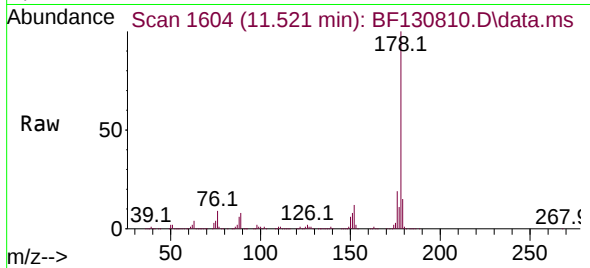
Tgt Ion:266 Resp: 237314
Ion Ratio Lower Upper
266 100
268 68.7 51.8 77.6
264 63.0 51.6 77.4





#71
Phenanthrene
Concen: 42.547 ng
RT: 11.521 min Scan# 1604
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

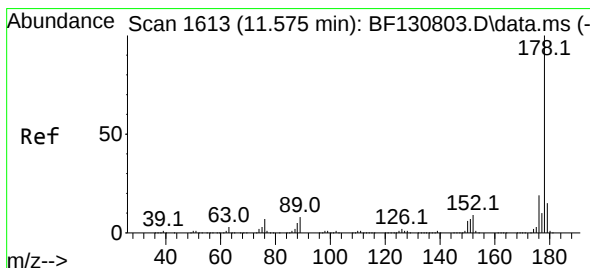
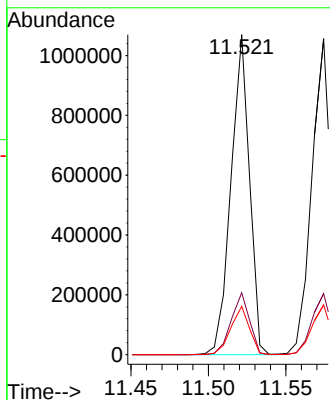
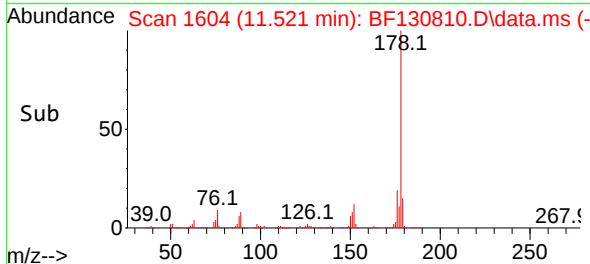
Instrument :
BNA_F
ClientSampleId :
PB148598BS



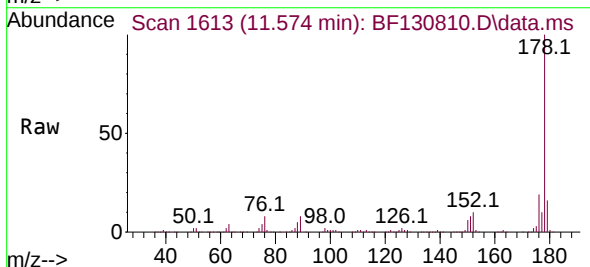
Tgt Ion:178 Resp: 893110
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.1 12.2 18.2

Manual Integrations
APPROVED

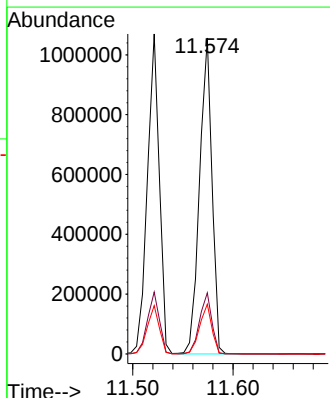
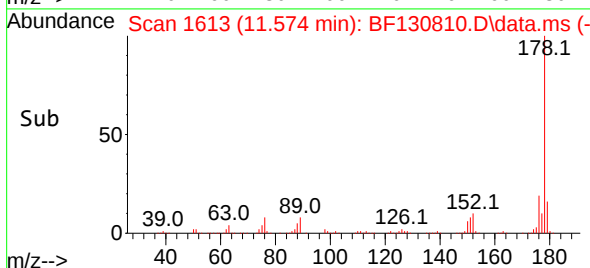
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

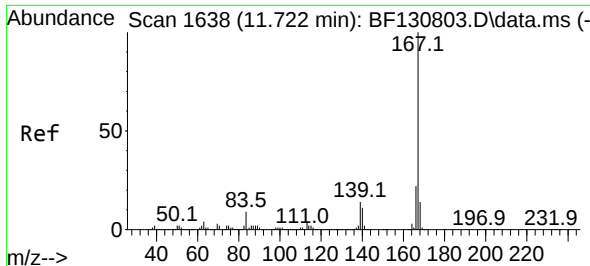


#72
Anthracene
Concen: 43.818 ng
RT: 11.574 min Scan# 1613
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53



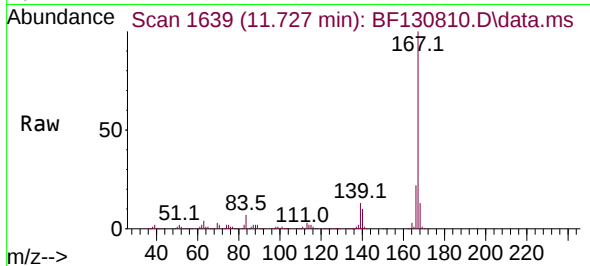
Tgt Ion:178 Resp: 907223
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.7 12.2 18.4





#73
Carbazole
Concen: 43.534 ng
RT: 11.727 min Scan# 1638
Delta R.T. 0.006 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

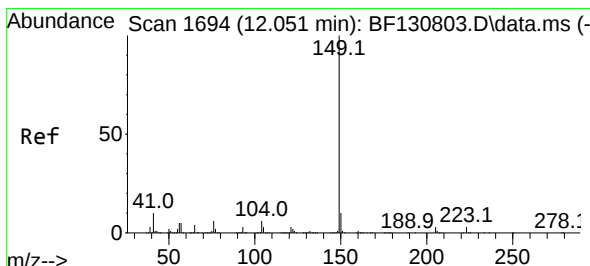
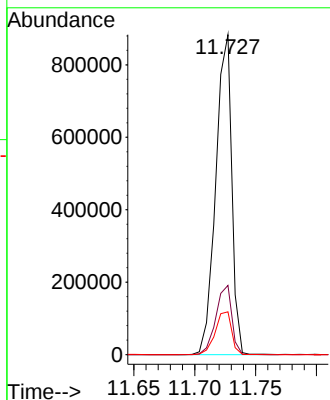
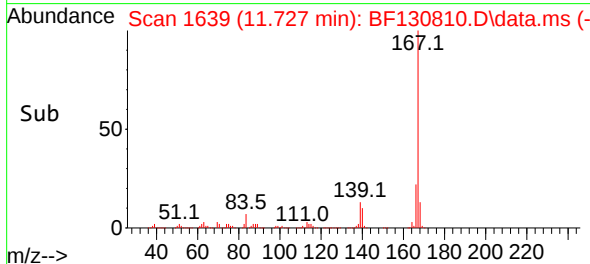
Instrument :
BNA_F
ClientSampleId :
PB148598BS



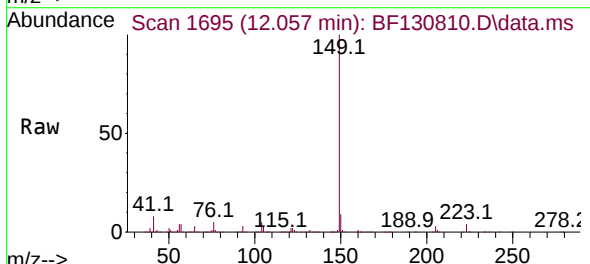
Tgt Ion:167 Resp: 807162
Ion Ratio Lower Upper
167 100
166 21.7 17.4 26.0
139 13.4 11.3 16.9

Manual Integrations
APPROVED

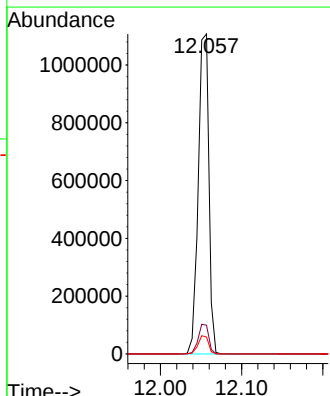
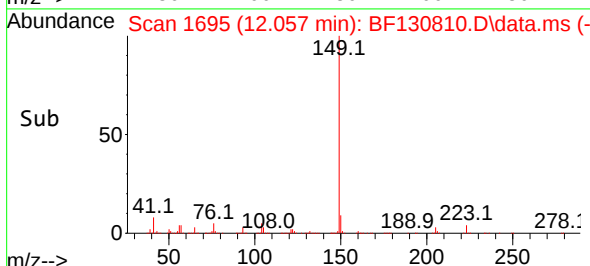
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

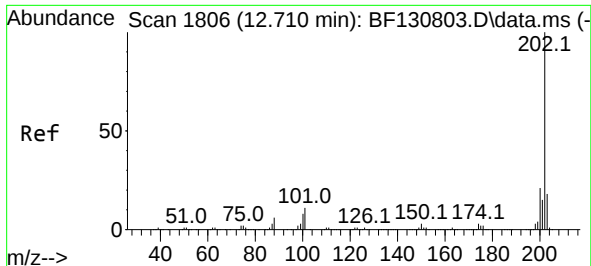


#74
Di-n-butylphthalate
Concen: 44.484 ng
RT: 12.057 min Scan# 1695
Delta R.T. 0.006 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53



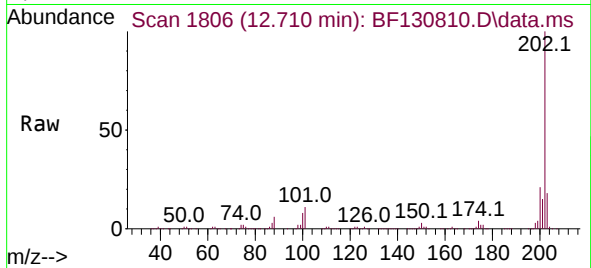
Tgt Ion:149 Resp: 1001698
Ion Ratio Lower Upper
149 100
150 9.0 7.8 11.6
104 5.3 4.6 6.8





#75
Fluoranthene
Concen: 42.335 ng
RT: 12.710 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

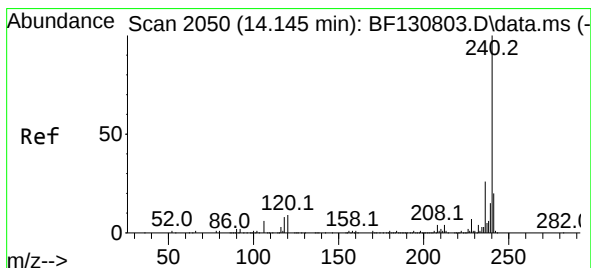
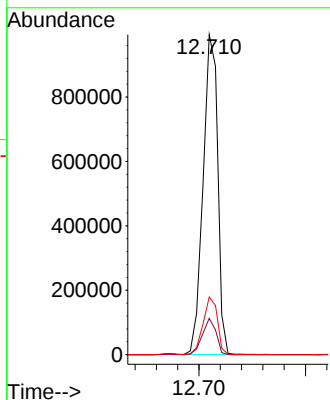
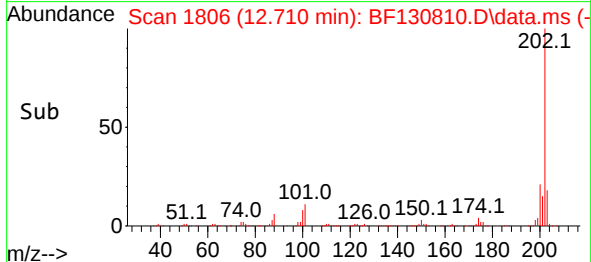
Instrument :
BNA_F
ClientSampleId :
PB148598BS



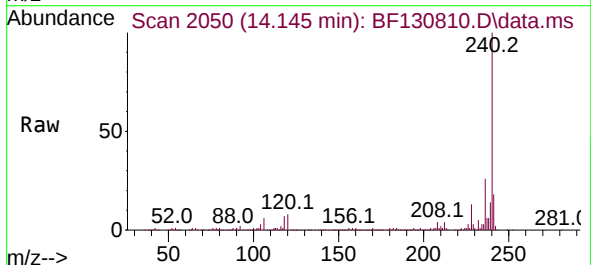
Tgt Ion:202 Resp: 944200
Ion Ratio Lower Upper
202 100
101 11.3 0.0 30.9
203 18.0 0.0 37.7

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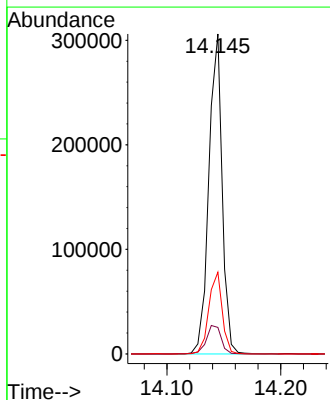
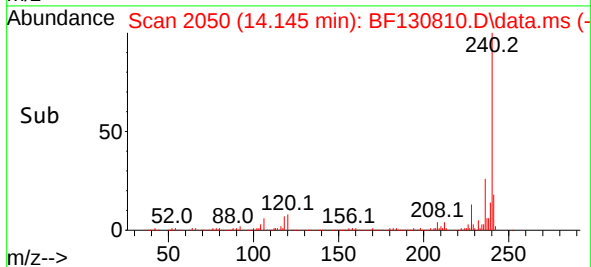
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

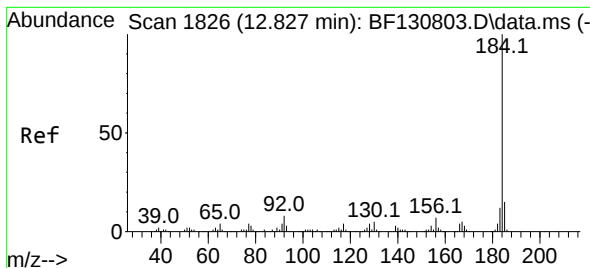


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53



Tgt Ion:240 Resp: 249717
Ion Ratio Lower Upper
240 100
120 8.3 7.0 10.4
236 25.5 20.5 30.7





#77

Benzidine

Concen: 101.962 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.006 min

Lab File: BF130810.D

Acq: 27 Oct 2022 21:53

Instrument :

BNA_F

ClientSampleId :

PB148598BS

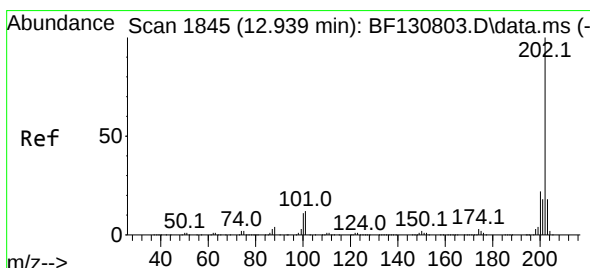
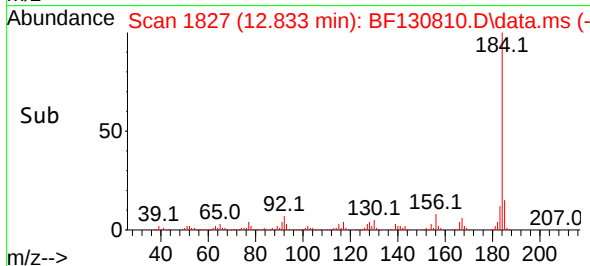
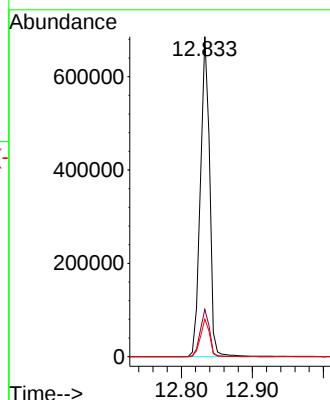
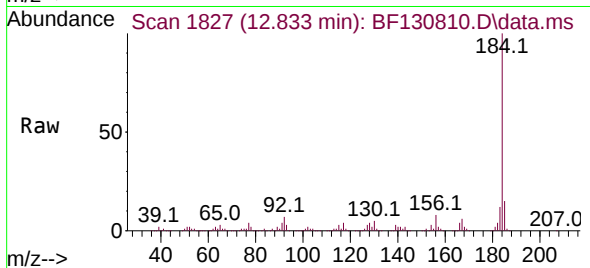
Tgt Ion:184 Resp: 618082

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.8	17.8
183	11.7	9.7	14.5

Manual Integrations

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



#78

Pyrene

Concen: 45.537 ng

RT: 12.945 min Scan# 1846

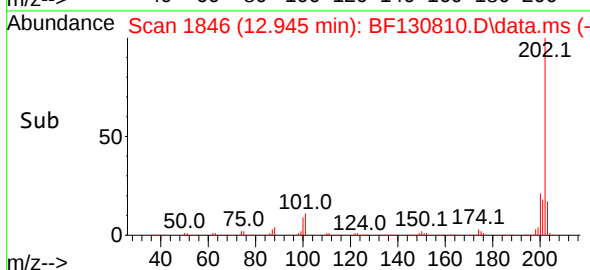
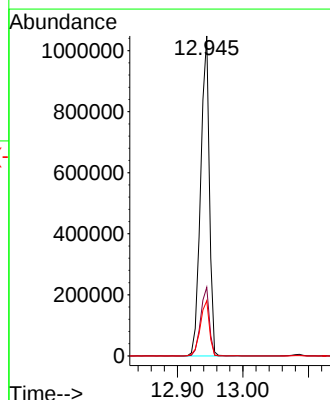
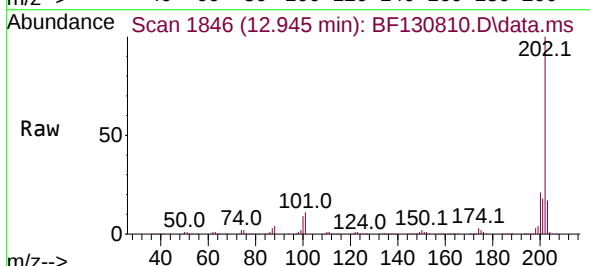
Delta R.T. 0.006 min

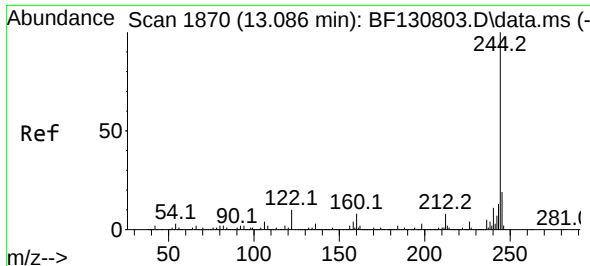
Lab File: BF130810.D

Acq: 27 Oct 2022 21:53

Tgt Ion:202 Resp: 959386

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.2	25.8
203	17.2	14.5	21.7





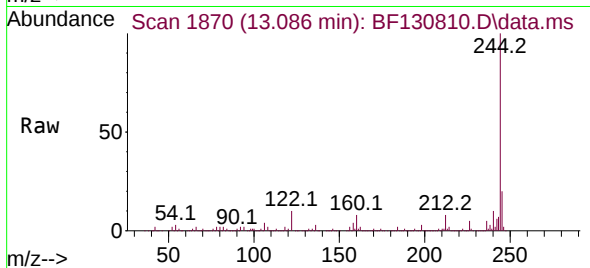
#79
 Terphenyl-d14
 Concen: 99.315 ng
 RT: 13.086 min Scan# 1870
 Delta R.T. 0.000 min
 Lab File: BF130810.D
 Acq: 27 Oct 2022 21:53

Instrument :

BNA_F

ClientSampleId :

PB148598BS

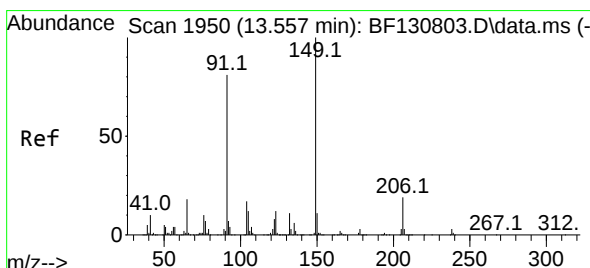
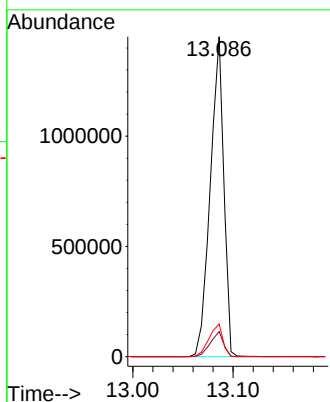
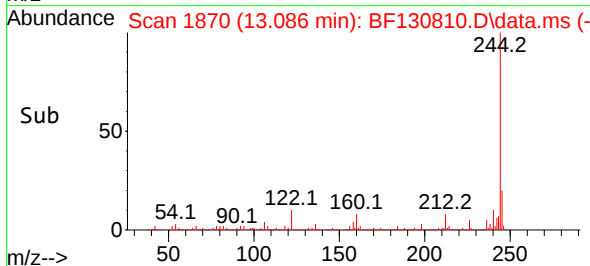


Tgt Ion:244 Resp: 1353413
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 10.2 7.9 11.9

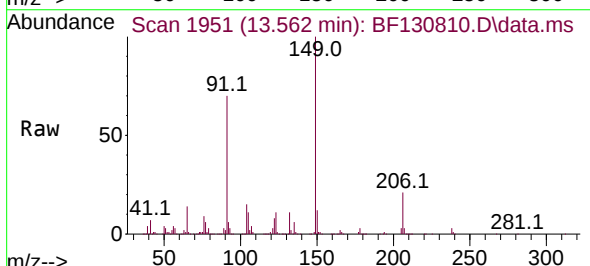
Manual Integrations

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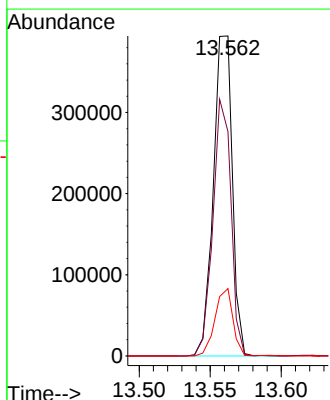
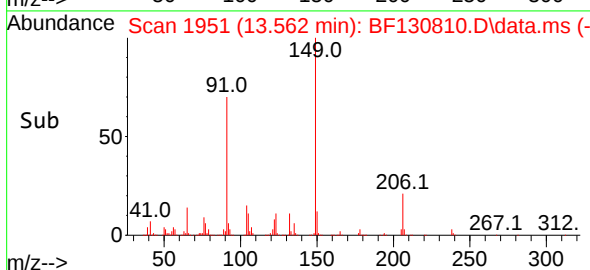
Reviewed By :Christian Giraldo 10/28/2022
 Supervised By :mohammad ahmed 11/04/2022

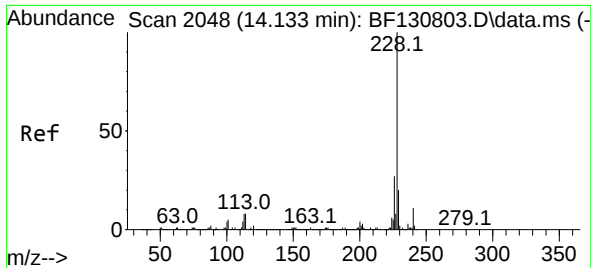


#80
 Butylbenzylphthalate
 Concen: 48.539 ng
 RT: 13.562 min Scan# 1951
 Delta R.T. 0.006 min
 Lab File: BF130810.D
 Acq: 27 Oct 2022 21:53



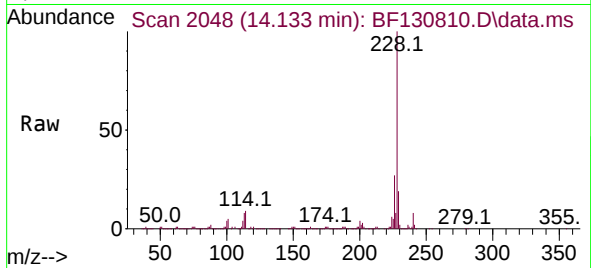
Tgt Ion:149 Resp: 367910
 Ion Ratio Lower Upper
 149 100
 91 70.1 64.5 96.7
 206 21.0 15.3 22.9





#81
Benzo(a)anthracene
Concen: 44.114 ng
RT: 14.133 min Scan# 2048
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

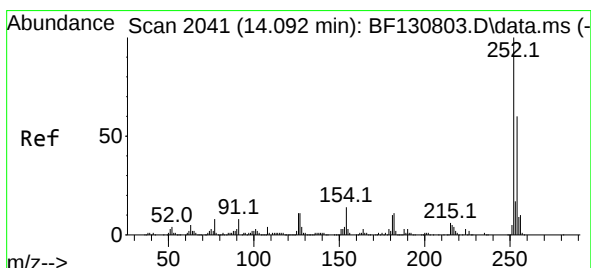
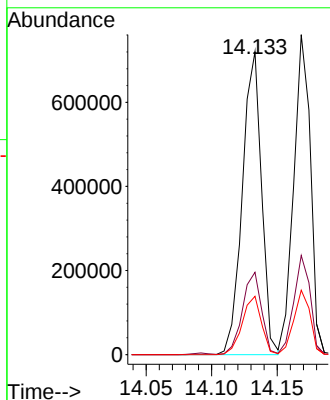
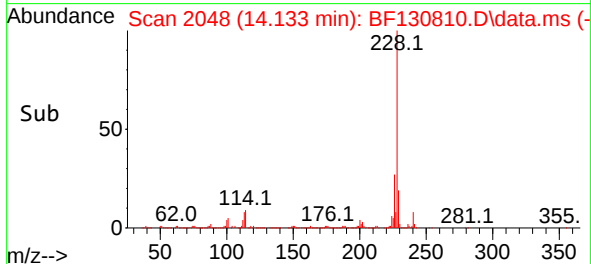
Instrument :
BNA_F
ClientSampleId :
PB148598BS



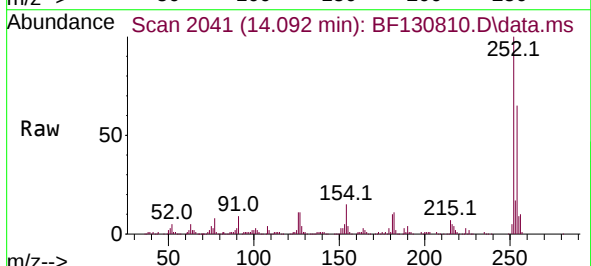
Tgt Ion:228 Resp: 730364
Ion Ratio Lower Upper
228 100
226 27.2 21.4 32.2
229 19.3 15.8 23.6

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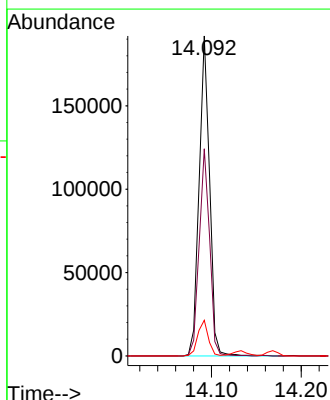
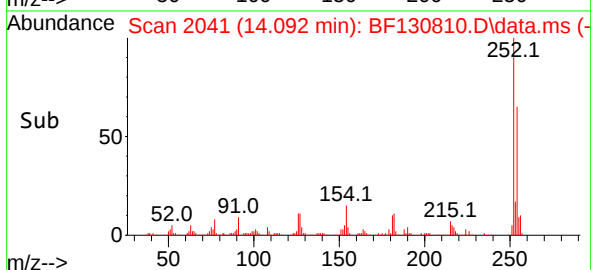
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

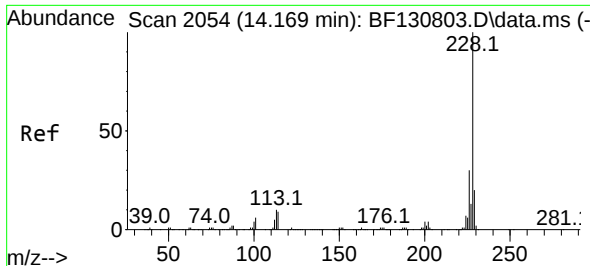


#82
3,3'-Dichlorobenzidine
Concen: 34.681 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53



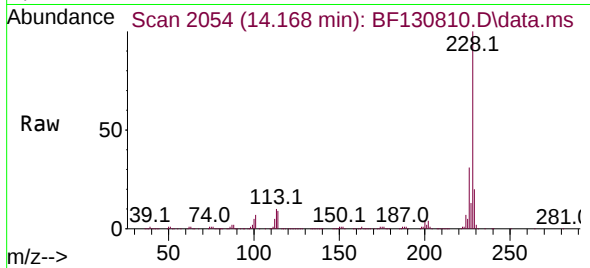
Tgt Ion:252 Resp: 154970
Ion Ratio Lower Upper
252 100
254 64.8 47.8 71.6
126 11.1 9.0 13.6





#83
Chrysene
Concen: 42.480 ng
RT: 14.168 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

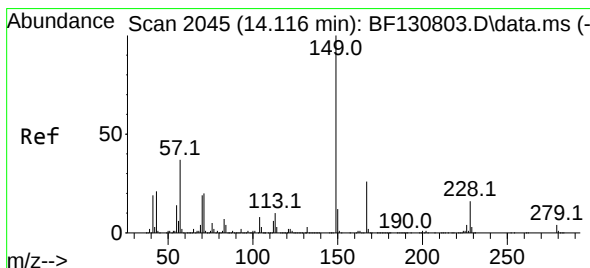
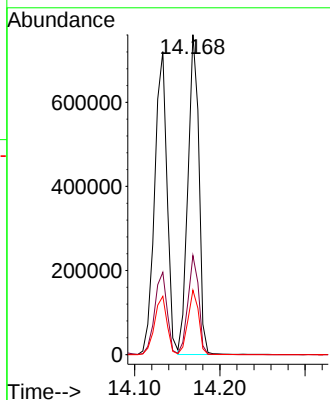
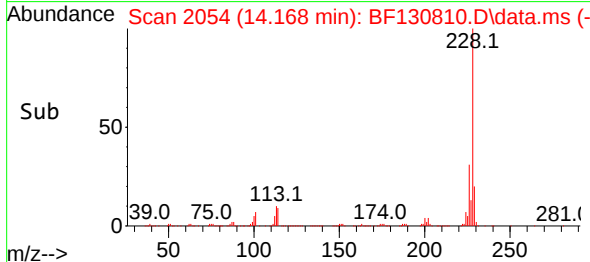
Instrument :
BNA_F
ClientSampleId :
PB148598BS



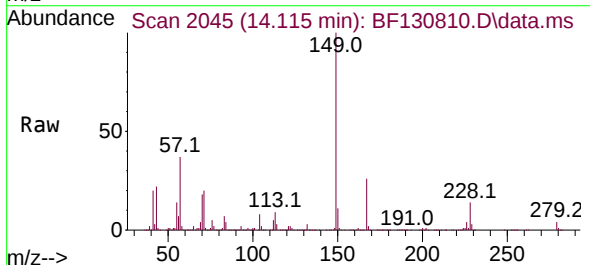
Tgt Ion:228 Resp: 678392
Ion Ratio Lower Upper
228 100
226 31.0 23.9 35.9
229 20.1 15.8 23.6

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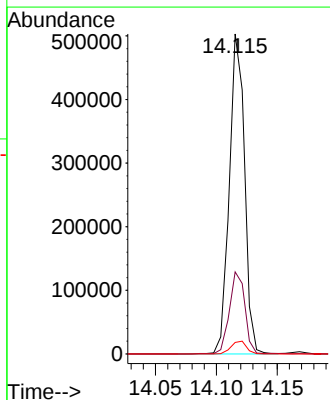
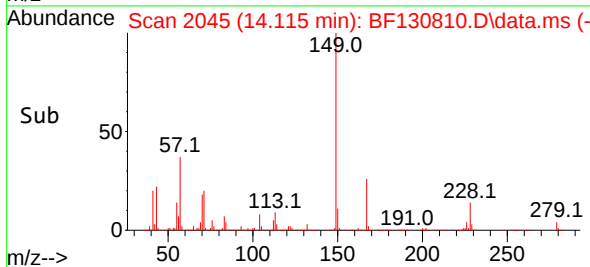
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

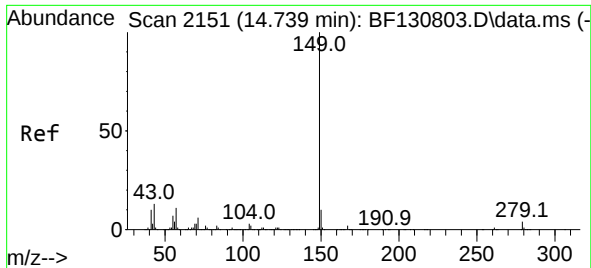


#84
Bis(2-ethylhexyl)phthalate
Concen: 48.112 ng
RT: 14.115 min Scan# 2045
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53



Tgt Ion:149 Resp: 438471
Ion Ratio Lower Upper
149 100
167 25.6 21.0 31.4
279 3.6 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 48.279 ng
RT: 14.739 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

Instrument :

BNA_F

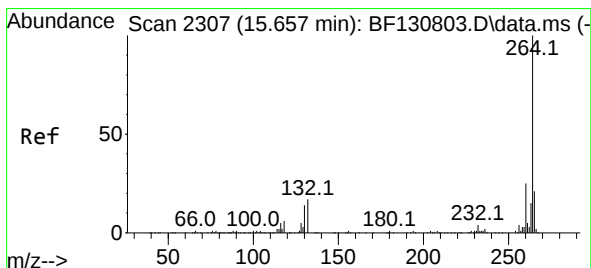
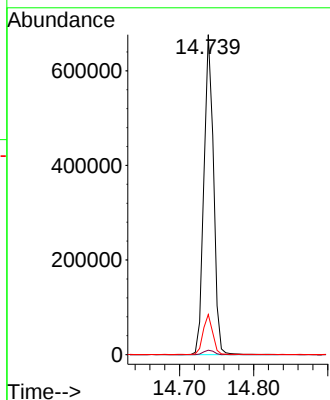
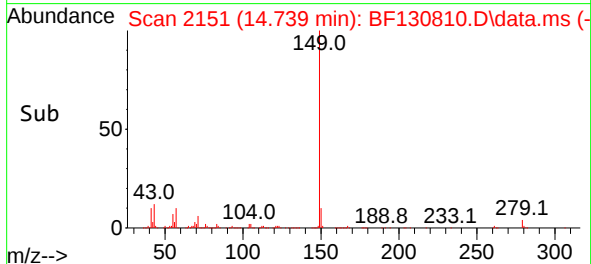
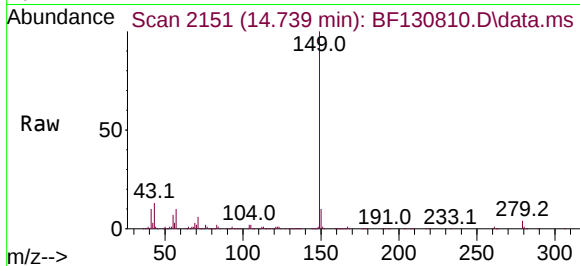
ClientSampleId :

PB148598BS

Tgt Ion:149 Resp: 607252
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 12.3 10.2 15.2

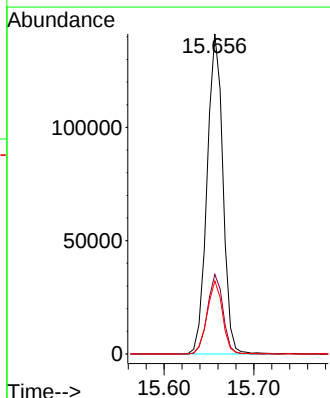
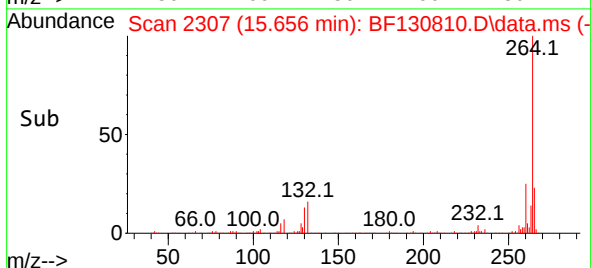
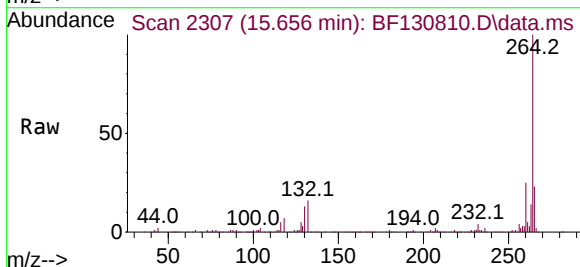
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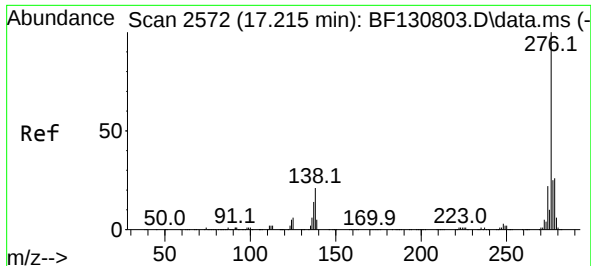
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.656 min Scan# 2307
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

Tgt Ion:264 Resp: 173476
Ion Ratio Lower Upper
264 100
260 24.8 19.9 29.9
265 22.8 17.0 25.6





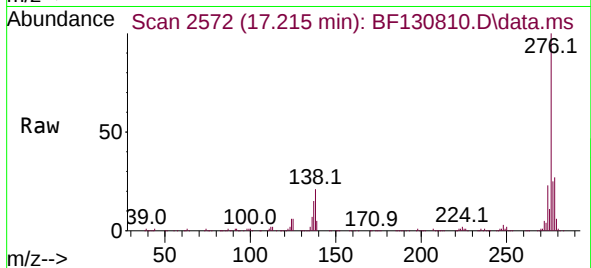
#87
Indeno(1,2,3-cd)pyrene
Concen: 51.772 ng
RT: 17.215 min Scan# 2572
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

Instrument :

BNA_F

ClientSampleId :

PB148598BS

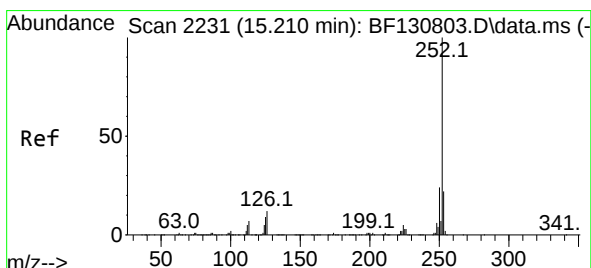
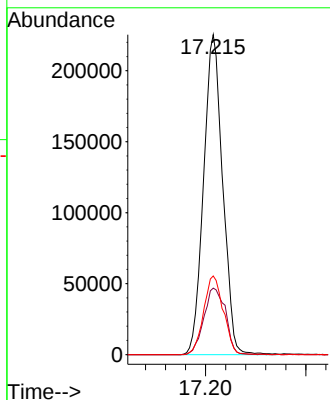
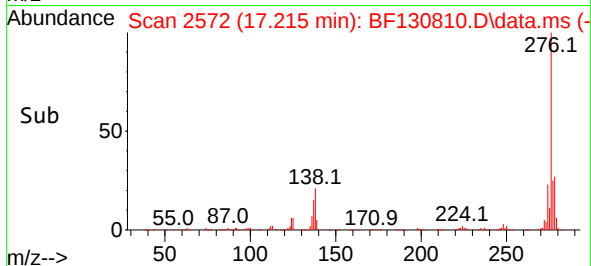


Tgt Ion:276 Resp: 596416
Ion Ratio Lower Upper
276 100
138 23.6 19.1 28.7
277 25.4 20.1 30.1

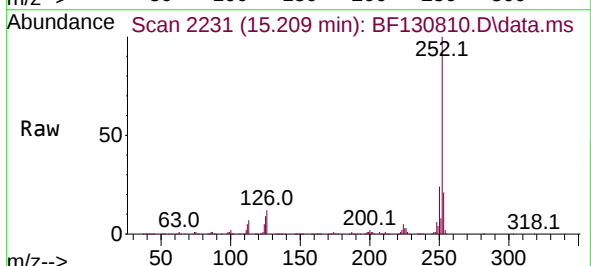
Manual Integrations

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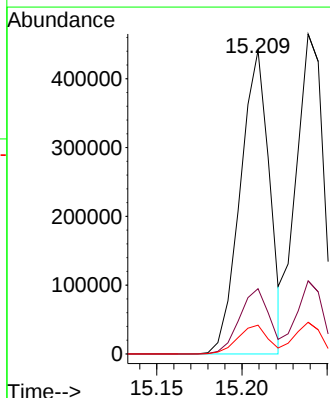
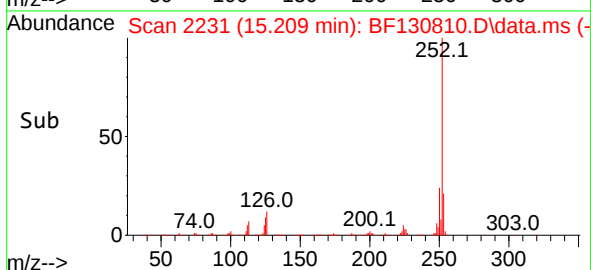
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

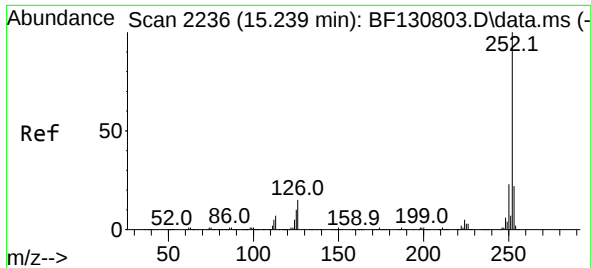


#88
Benzo(b)fluoranthene
Concen: 46.890 ng
RT: 15.209 min Scan# 2231
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53



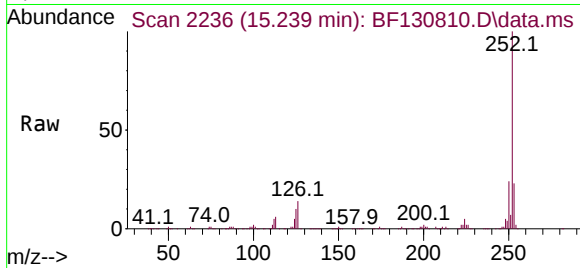
Tgt Ion:252 Resp: 525824
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 9.5 7.0 10.4





#89
Benzo(k)fluoranthene
Concen: 47.663 ng
RT: 15.239 min Scan# 2236
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

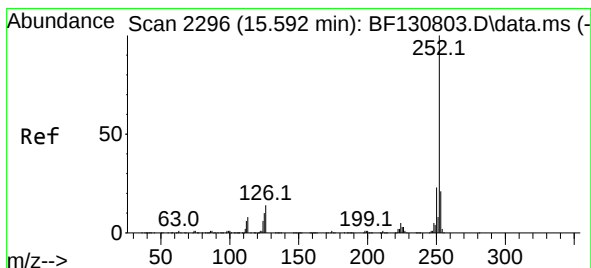
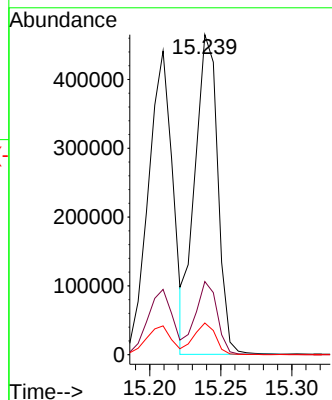
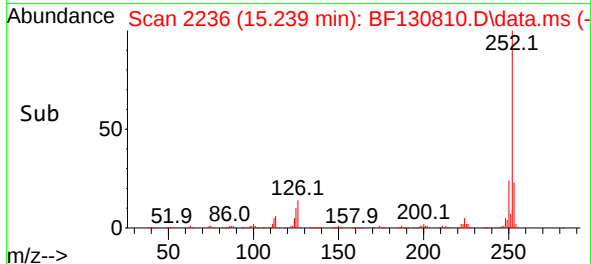
Instrument :
BNA_F
ClientSampleId :
PB148598BS



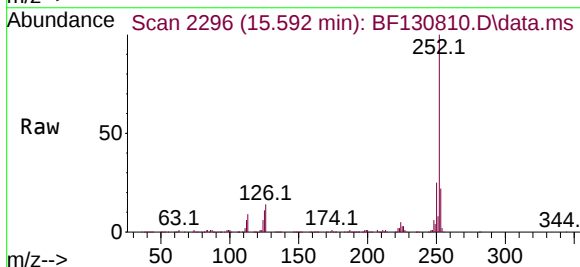
Tgt Ion:252 Resp: 520826
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 9.9 8.0 12.0

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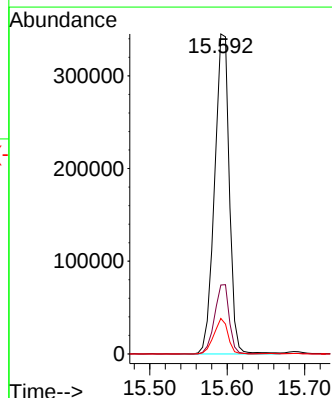
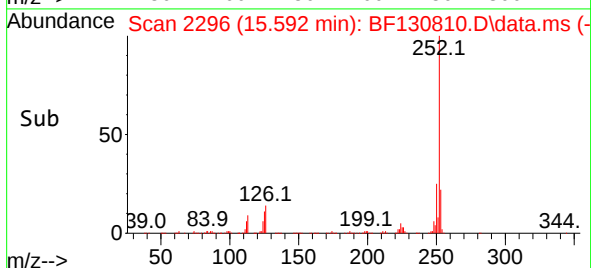
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

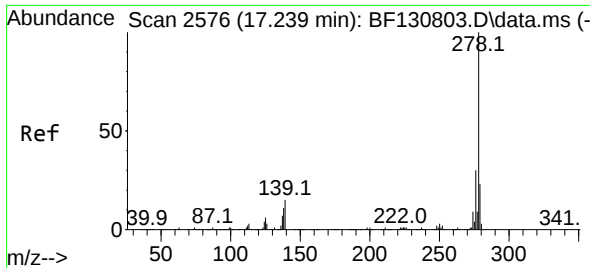


#90
Benzo(a)pyrene
Concen: 50.500 ng
RT: 15.592 min Scan# 2296
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53



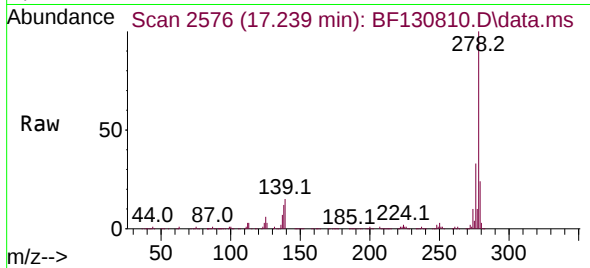
Tgt Ion:252 Resp: 455242
Ion Ratio Lower Upper
252 100
253 21.5 16.8 25.2
125 11.1 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 53.815 ng
RT: 17.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53

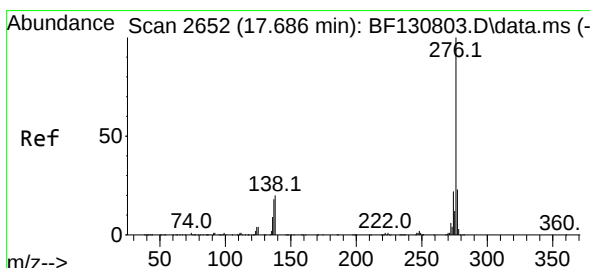
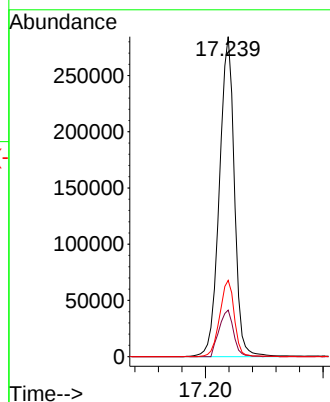
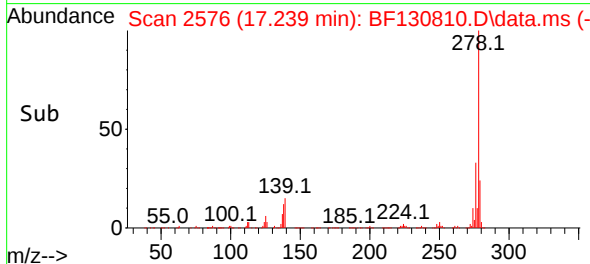
Instrument :
BNA_F
ClientSampleId :
PB148598BS



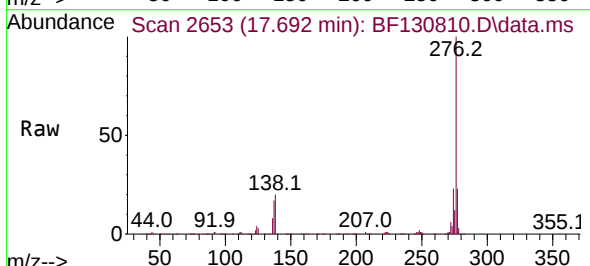
Tgt Ion:278 Resp: 50538
Ion Ratio Lower Upper
278 100
139 14.5 11.9 17.9
279 23.8 18.6 28.0

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 53.518 ng
RT: 17.692 min Scan# 2653
Delta R.T. 0.006 min
Lab File: BF130810.D
Acq: 27 Oct 2022 21:53



Tgt Ion:276 Resp: 512757
Ion Ratio Lower Upper
276 100
277 23.1 18.8 28.2
138 20.0 16.3 24.5

