

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101922\
 Data File : BF130714.D
 Acq On : 19 Oct 2022 16:55
 Operator : CG\JU
 Sample : PB148423BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148423BS

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 10/20/2022
 Supervised By :mohammad ahmed 10/20/2022

Quant Time: Oct 19 17:37:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 18 03:15:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.569	152	87481	20.000	ng	0.00
21) Naphthalene-d8	7.851	136	419176	20.000	ng	0.00
39) Acenaphthene-d10	9.604	164	197283	20.000	ng	0.00
64) Phenanthrene-d10	11.086	188	389333	20.000	ng	0.00
76) Chrysene-d12	13.715	240	244568	20.000	ng	0.00
86) Perylene-d12	15.092	264	187546	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	660876	136.173	ng	0.02
7) Phenol-d6	6.234	99	829456	135.936	ng	0.00
23) Nitrobenzene-d5	7.145	82	612420	79.757	ng	0.00
42) 2,4,6-Tribromophenol	10.398	330	322065	166.838	ng	0.00
45) 2-Fluorobiphenyl	8.933	172	1153949	88.601	ng	0.00
79) Terphenyl-d14	12.668	244	1307571	88.737	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.210	88	112445	38.297	ng	99
3) Pyridine	2.887	79	190688	36.307	ng	97
4) n-Nitrosodimethylamine	2.840	42	108488	43.841	ng	99
6) Aniline	6.239	93	276386	37.834	ng	# 84
8) 2-Chlorophenol	6.363	128	270159	47.335	ng	95
9) Benzaldehyde	6.122	77	145823	38.038	ng	96
10) Phenol	6.245	94	317249	44.935	ng	86
11) bis(2-Chloroethyl)ether	6.316	93	237017	46.216	ng	99
12) 1,3-Dichlorobenzene	6.504	146	277955	44.479	ng	99
13) 1,4-Dichlorobenzene	6.586	146	287021	45.274	ng	97
14) 1,2-Dichlorobenzene	6.739	146	277223	46.954	ng	97
15) Benzyl Alcohol	6.734	79	213169	48.659	ng	96
16) 2,2'-oxybis(1-Chloropr...	6.857	45	322790	48.923	ng	# 46
17) 2-Methylphenol	6.851	107	244280	53.806	ng	94
18) Hexachloroethane	7.075	117	123531	51.507	ng	98
19) n-Nitroso-di-n-propyla...	6.998	70	206782	52.526	ng	99
20) 3+4-Methylphenols	7.010	107	331252	54.451	ng	# 79
22) Acetophenone	6.992	105	438217	43.580	ng	94
24) Nitrobenzene	7.163	77	326264	42.251	ng	98
25) Isophorone	7.404	82	593366	46.430	ng	99
26) 2-Nitrophenol	7.481	139	172407	45.528	ng	99
27) 2,4-Dimethylphenol	7.528	122	276061	52.304	ng	98
28) bis(2-Chloroethoxy)met...	7.616	93	351742	47.534	ng	100
29) 2,4-Dichlorophenol	7.728	162	264069	44.718	ng	97
30) 1,2,4-Trichlorobenzene	7.798	180	247438	38.867	ng	98
31) Naphthalene	7.875	128	910976	41.984	ng	99
32) Benzoic acid	7.704	122	141157	42.275	ng	93
33) 4-Chloroaniline	7.939	127	291884	34.726	ng	97
34) Hexachlorobutadiene	7.986	225	163250	41.316	ng	99
35) Caprolactam	8.328	113	85516m	48.132	ng	
36) 4-Chloro-3-methylphenol	8.439	107	268505	41.919	ng	97
37) 2-Methylnaphthalene	8.563	142	597071	43.726	ng	99
38) 1-Methylnaphthalene	8.663	142	558142	42.106	ng	99
40) 1,2,4,5-Tetrachloroben...	8.733	216	277556	51.855	ng	99
41) Hexachlorocyclopentadiene	8.716	237	143273	71.275	ng	97
43) 2,4,6-Trichlorophenol	8.857	196	177502	49.390	ng	99

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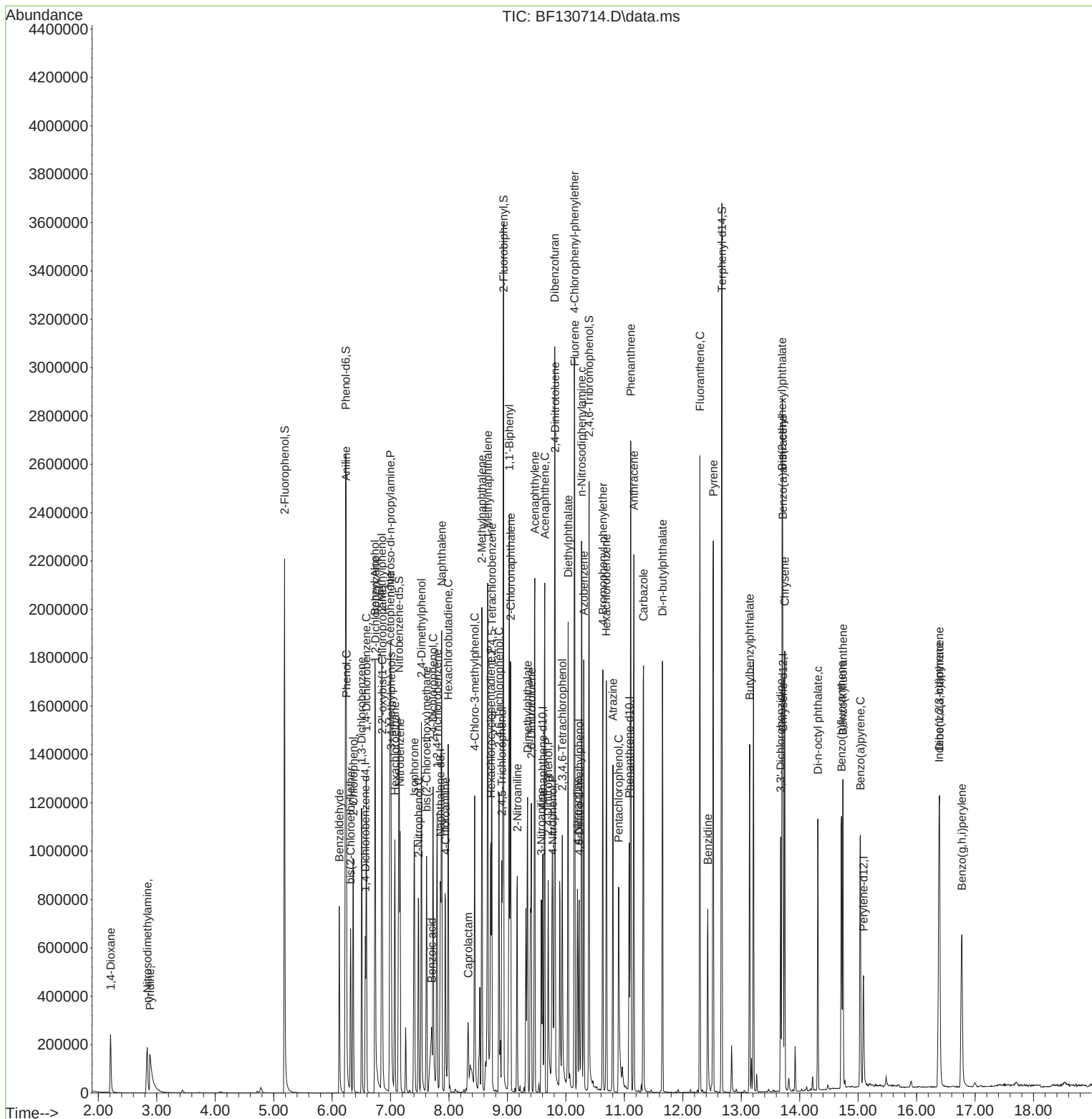
Quant Time: Oct 19 17:37:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 18 03:15:54 2022
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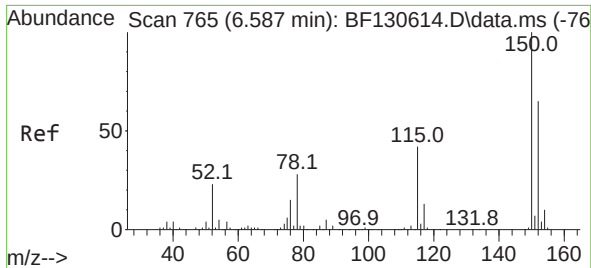
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.904	196	172753	43.710	ng	98
46) 1,1'-Biphenyl	9.033	154	725621	50.752	ng	100
47) 2-Chloronaphthalene	9.057	162	588528	50.365	ng	99
48) 2-Nitroaniline	9.169	65	150799	42.870	ng	97
49) Acenaphthylene	9.469	152	750754	42.880	ng	100
50) Dimethylphthalate	9.345	163	592097	43.356	ng	99
51) 2,6-Dinitrotoluene	9.410	165	133848	44.681	ng	96
52) Acenaphthene	9.639	154	474027	44.687	ng	99
53) 3-Nitroaniline	9.580	138	114278	34.801	ng	97
54) 2,4-Dinitrophenol	9.698	184	130927	85.411	ng	94
55) Dibenzofuran	9.810	168	840751	52.027	ng	100
56) 4-Nitrophenol	9.775	139	135470	74.822	ng	91
57) 2,4-Dinitrotoluene	9.816	165	214351	55.675	ng	# 85
58) Fluorene	10.151	166	584326	43.982	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.939	232	148624	47.168	ng	96
60) Diethylphthalate	10.039	149	677781	49.743	ng	99
61) 4-Chlorophenyl-phenyle...	10.145	204	271971	45.280	ng	97
62) 4-Nitroaniline	10.198	138	150466	47.993	ng	99
63) Azobenzene	10.304	77	616032	48.001	ng	98
65) 4,6-Dinitro-2-methylph...	10.227	198	112244	46.133	ng	98
66) n-Nitrosodiphenylamine	10.269	169	589544	45.522	ng	99
67) 4-Bromophenyl-phenylether	10.633	248	202881	46.054	ng	96
68) Hexachlorobenzene	10.692	284	222165	44.613	ng	98
69) Atrazine	10.804	200	167512	47.500	ng	99
70) Pentachlorophenol	10.904	266	149368	77.067	ng	98
71) Phenanthrene	11.110	178	933023	43.255	ng	99
72) Anthracene	11.163	178	806569	38.287	ng	100
73) Carbazole	11.327	167	756062	40.220	ng	99
74) Di-n-butylphthalate	11.651	149	888142	39.004	ng	100
75) Fluoranthene	12.292	202	959214	46.269	ng	97
77) Benzidine	12.427	184	305258	49.380	ng	98
78) Pyrene	12.521	202	966032	45.786	ng	100
80) Butylbenzylphthalate	13.145	149	332515	40.985	ng	99
81) Benzo(a)anthracene	13.710	228	708674	43.004	ng	100
82) 3,3'-Dichlorobenzidine	13.674	252	202726	42.571	ng	98
83) Chrysene	13.745	228	630583	40.358	ng	100
84) Bis(2-ethylhexyl)phtha...	13.698	149	433642	44.088	ng	98
85) Di-n-octyl phthalate	14.310	149	514074	34.127	ng	99
87) Indeno(1,2,3-cd)pyrene	16.386	276	552230	39.341	ng	99
88) Benzo(b)fluoranthene	14.715	252	519479	43.743	ng	99
89) Benzo(k)fluoranthene	14.739	252	463315	38.315	ng	99
90) Benzo(a)pyrene	15.039	252	489424	49.517	ng	99
91) Dibenzo(a,h)anthracene	16.392	278	482211	41.909	ng	99
92) Benzo(g,h,i)perylene	16.774	276	492005	45.910	ng	98

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

Manual Integrations APPROVED

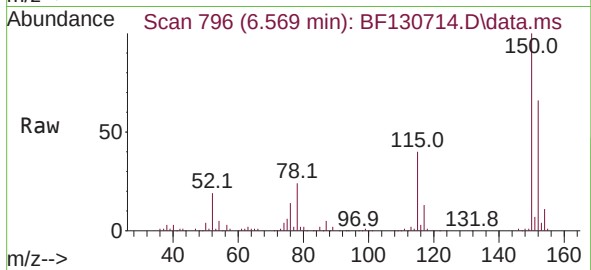
Quant Time: Oct 19 17:37:58 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.569 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

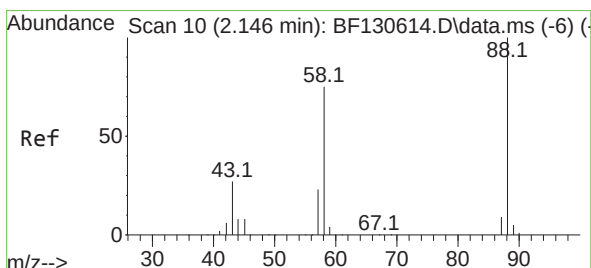
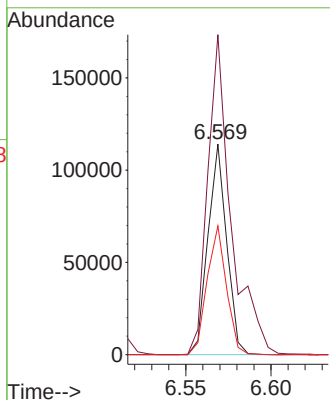
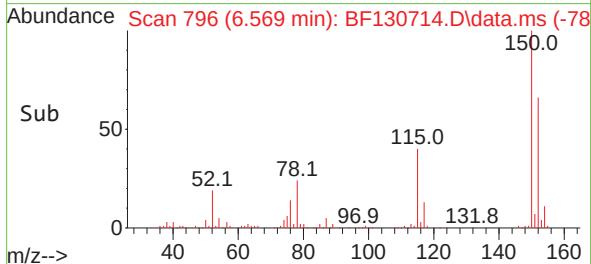
Instrument :
BNA_F
ClientSampleId :
PB148423BS



Tgt Ion:152 Resp: 8748
Ion Ratio Lower Upper
152 100
150 152.0 123.8 185.6
115 61.1 52.2 78.4

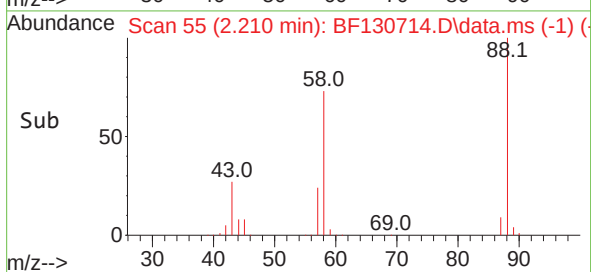
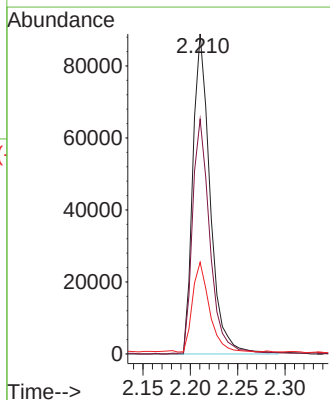
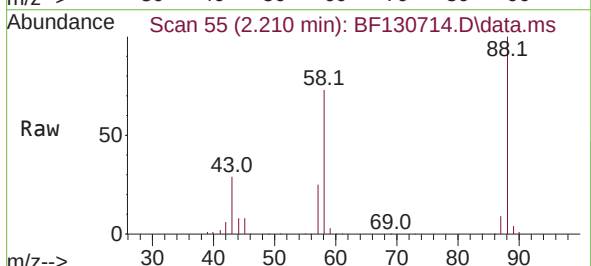
Manual Integrations
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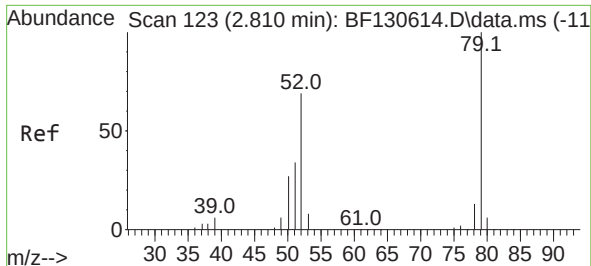
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#2
1,4-Dioxane
Concen: 38.297 ng
RT: 2.210 min Scan# 55
Delta R.T. 0.076 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

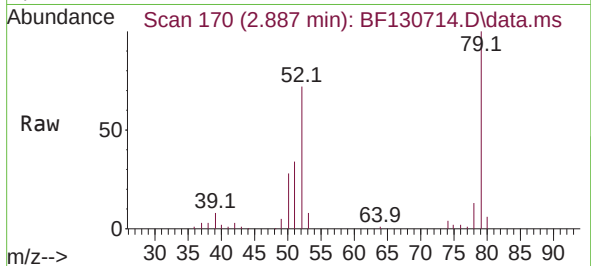
Tgt Ion: 88 Resp: 112445
Ion Ratio Lower Upper
88 100
58 74.5 58.8 88.2
43 27.5 22.2 33.4





#3
Pyridine
Concen: 36.307 ng
RT: 2.887 min Scan# 11
Delta R.T. 0.100 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

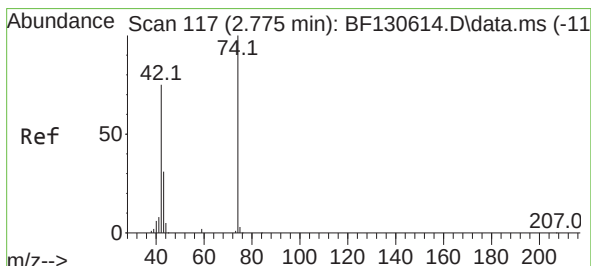
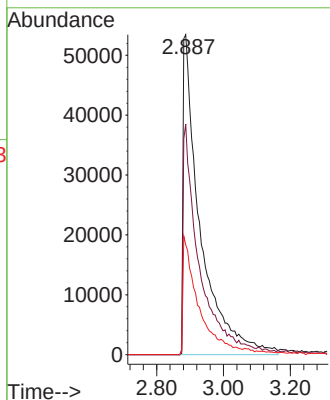
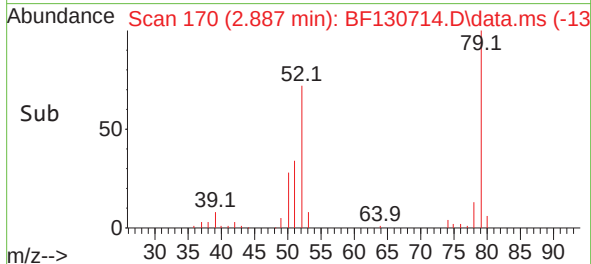
Instrument :
BNA_F
ClientSampleId :
PB148423BS



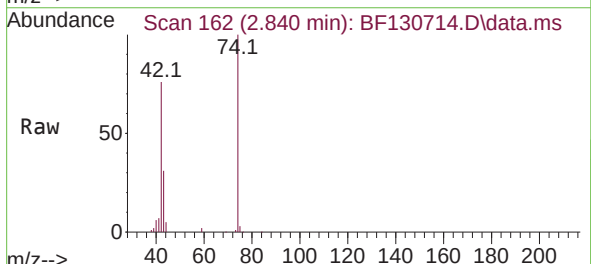
Tgt Ion: 79 Resp: 190688
Ion Ratio Lower Upper
79 100
52 72.0 54.8 82.2
51 34.3 27.4 41.2

Manual Integrations
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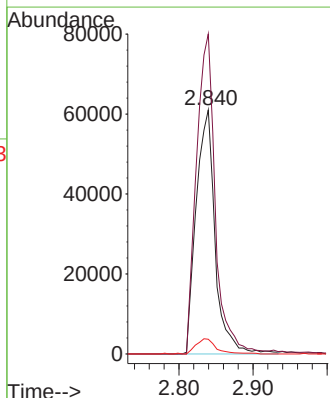
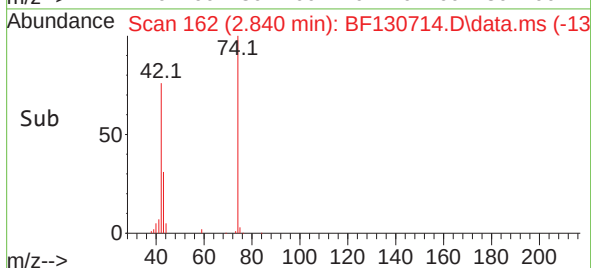
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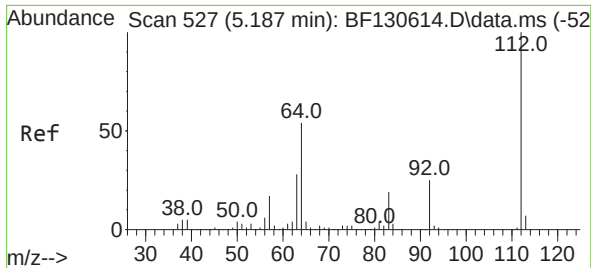


#4
n-Nitrosodimethylamine
Concen: 43.841 ng
RT: 2.840 min Scan# 162
Delta R.T. 0.082 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55



Tgt Ion: 42 Resp: 108488
Ion Ratio Lower Upper
42 100
74 131.2 106.2 159.2
44 6.0 5.0 7.4





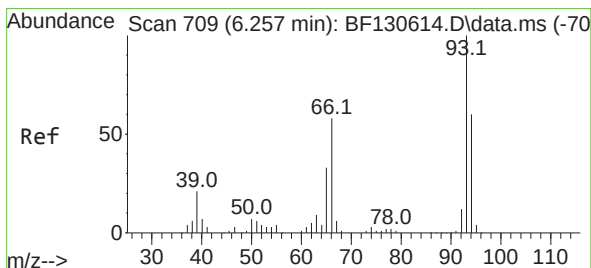
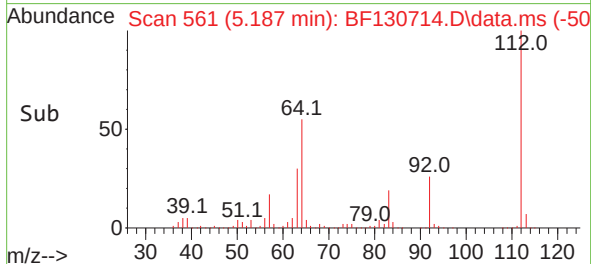
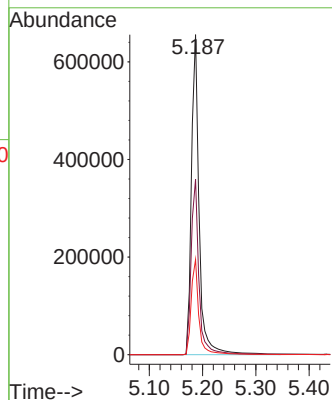
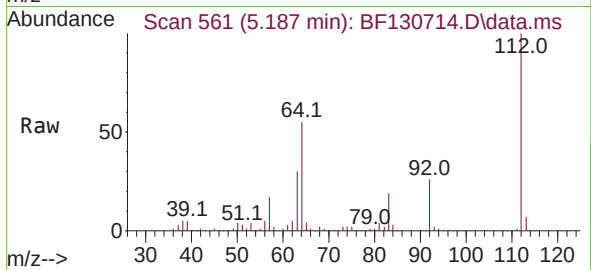
#5
2-Fluorophenol
Concen: 136.173 ng
RT: 5.187 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

Instrument :
BNA_F
ClientSampleId :
PB148423BS

Tgt Ion:112 Resp: 660876
Ion Ratio Lower Upper
112 100
64 54.8 43.5 65.3
63 29.7 22.6 34.0

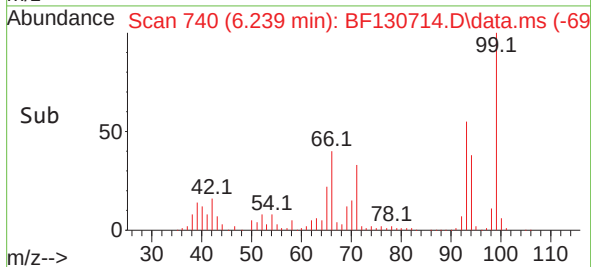
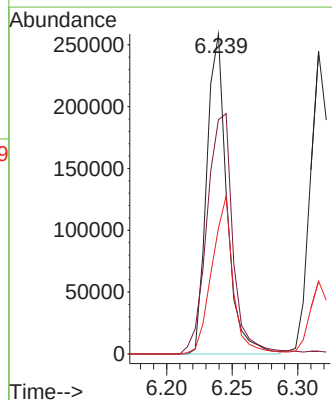
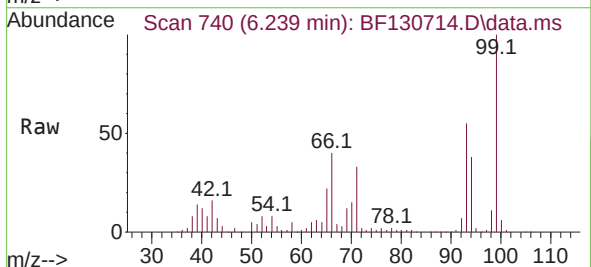
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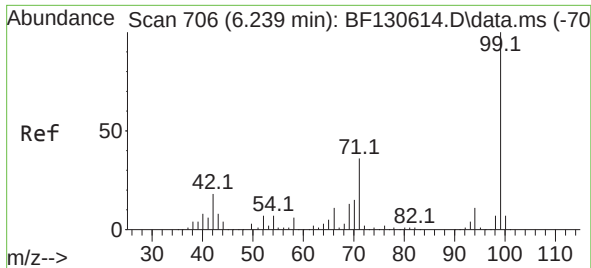
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#6
Aniline
Concen: 37.834 ng
RT: 6.239 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

Tgt Ion: 93 Resp: 276386
Ion Ratio Lower Upper
93 100
66 73.2 47.4 71.0#
65 39.3 26.6 40.0





#7

Phenol-d6

Concen: 135.936 ng

RT: 6.234 min Scan# 714

Delta R.T. 0.006 min

Lab File: BF130714.D

Acq: 19 Oct 2022 16:55

Instrument :

BNA_F

ClientSampleId :

PB148423BS

Tgt Ion: 99 Resp: 829456

Ion Ratio Lower Upper

99 100

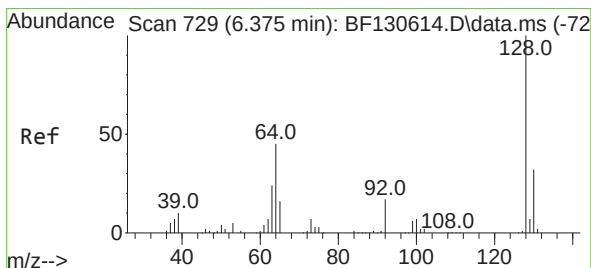
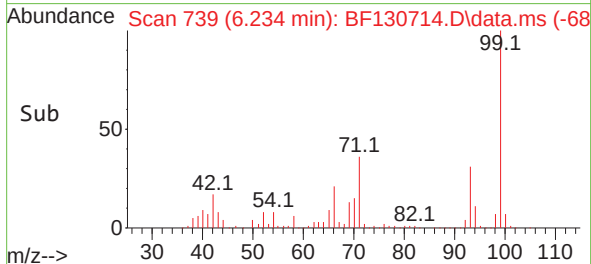
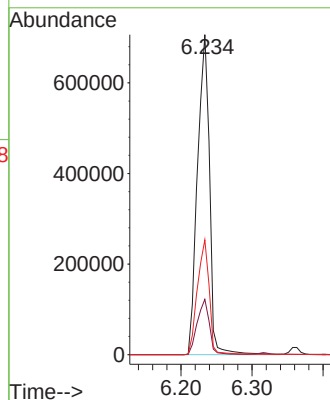
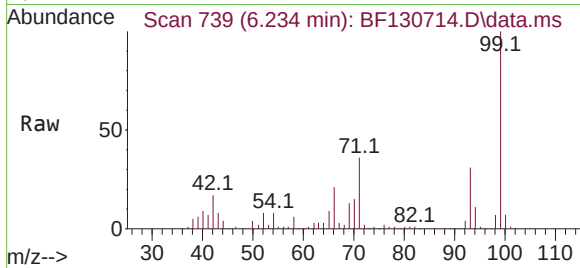
42 17.3 14.0 21.0

71 35.9 28.8 43.2

Manual Integrations

APPROVED

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#8

2-Chlorophenol

Concen: 47.335 ng

RT: 6.363 min Scan# 761

Delta R.T. -0.000 min

Lab File: BF130714.D

Acq: 19 Oct 2022 16:55

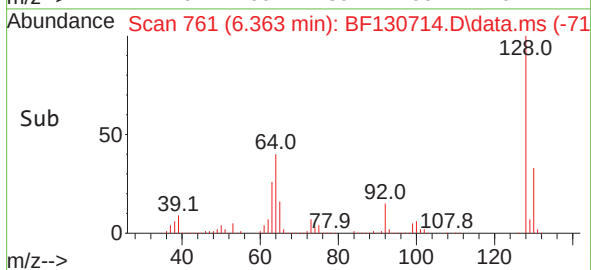
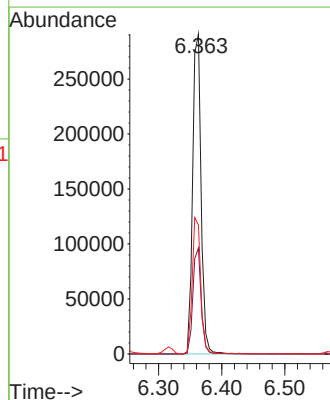
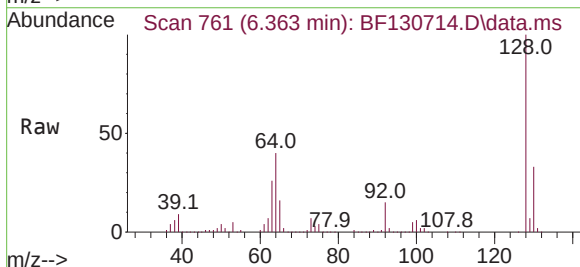
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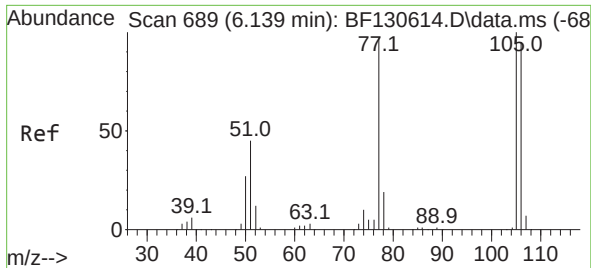
Ion Ratio Lower Upper

128 100

130 33.1 12.4 52.4

64 40.3 25.9 65.9





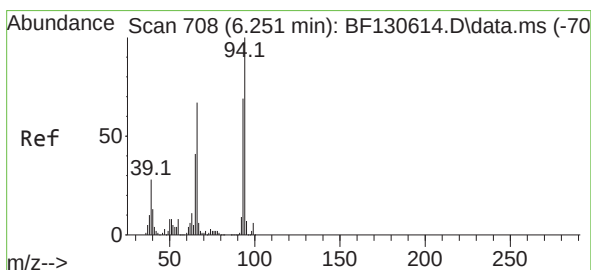
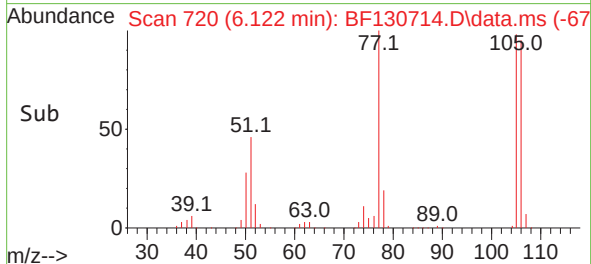
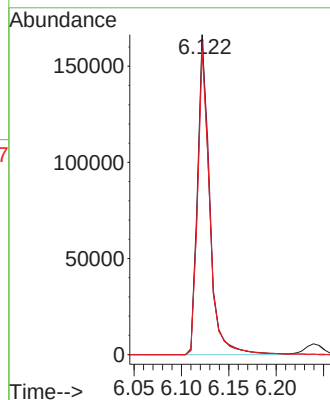
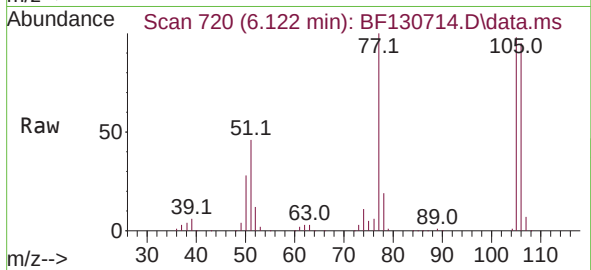
#9
Benzaldehyde
Concen: 38.038 ng
RT: 6.122 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

Instrument :
BNA_F
ClientSampleId :
PB148423BS

Tgt Ion: 77 Resp: 145823
Ion Ratio Lower Upper
77 100
105 98.0 83.0 123.0
106 94.9 77.8 117.8

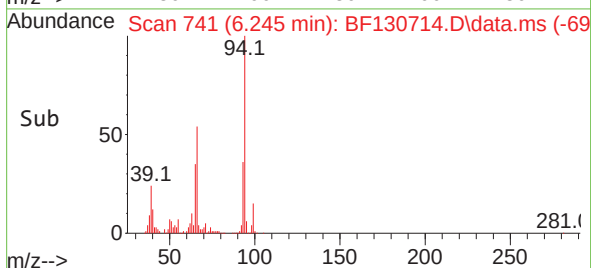
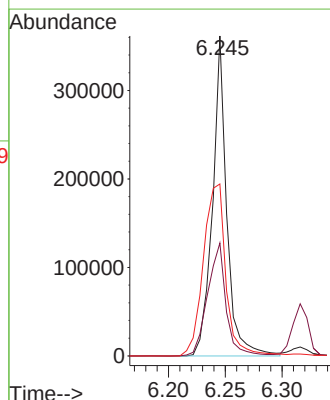
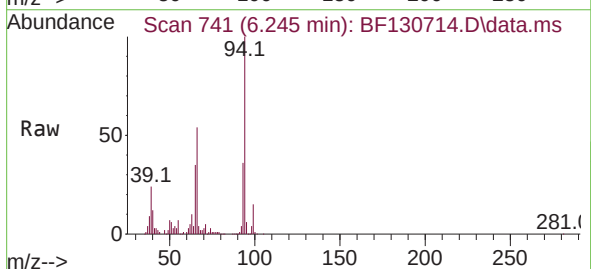
Manual Integrations
APPROVED

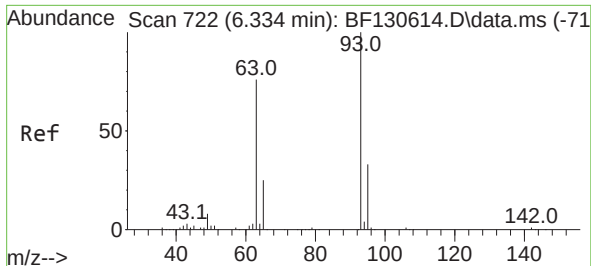
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#10
Phenol
Concen: 44.935 ng
RT: 6.245 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

Tgt Ion: 94 Resp: 317249
Ion Ratio Lower Upper
94 100
65 35.3 21.2 61.2
66 53.7 46.9 86.9





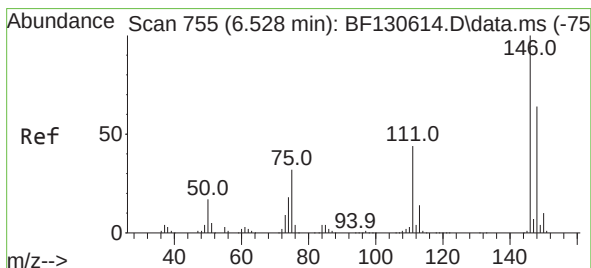
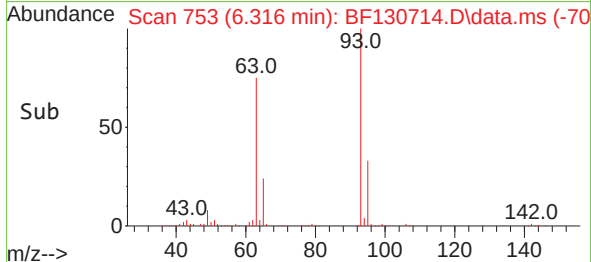
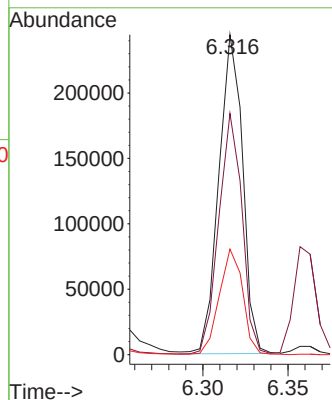
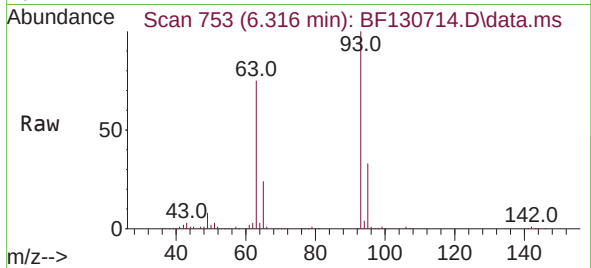
#11
bis(2-Chloroethyl)ether
Concen: 46.216 ng
RT: 6.316 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

Instrument :
BNA_F
ClientSampleId :
PB148423BS

Tgt Ion: 93 Resp: 23701
Ion Ratio Lower Upper
93 100
63 75.4 56.1 96.1
95 33.0 12.4 52.4

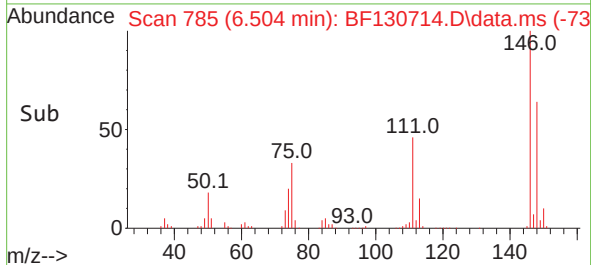
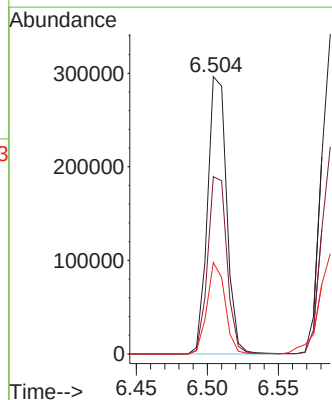
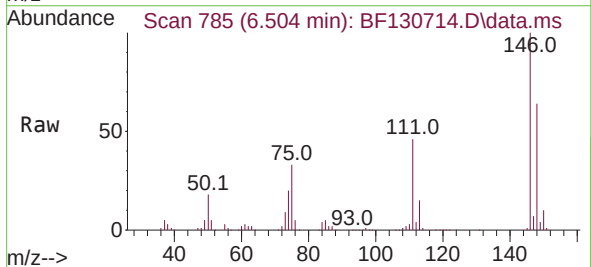
Manual Integrations
APPROVED

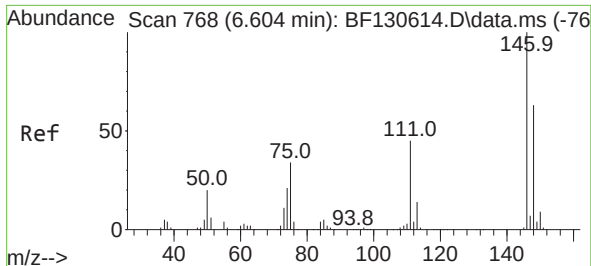
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#12
1,3-Dichlorobenzene
Concen: 44.479 ng
RT: 6.504 min Scan# 785
Delta R.T. -0.012 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

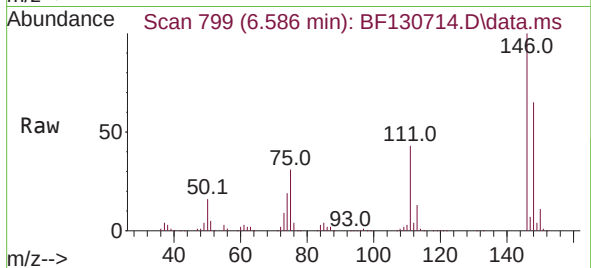
Tgt Ion:146 Resp: 277955
Ion Ratio Lower Upper
146 100
148 63.9 51.3 76.9
75 33.0 25.2 37.8





#13
1,4-Dichlorobenzene
Concen: 45.274 ng
RT: 6.586 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

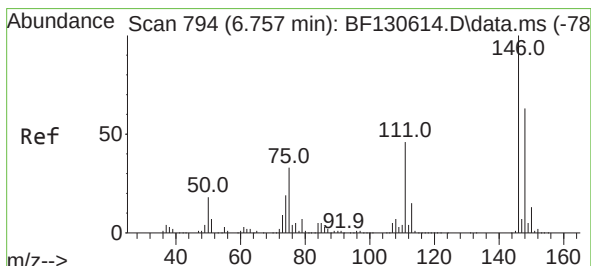
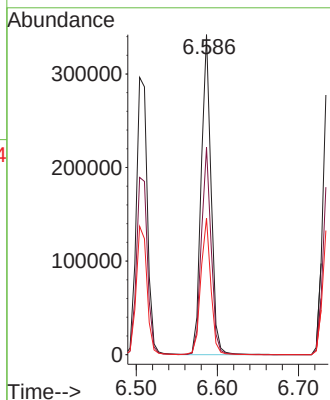
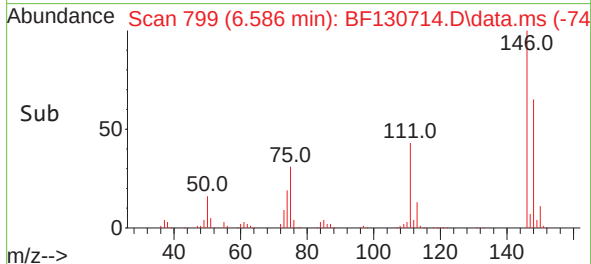
Instrument :
BNA_F
ClientSampleId :
PB148423BS



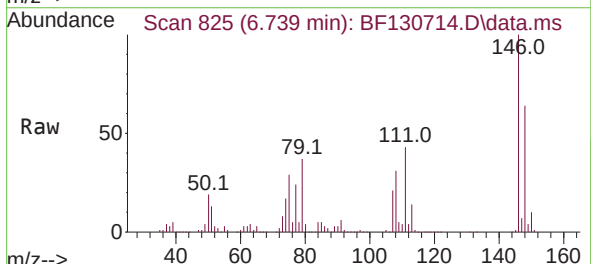
Tgt Ion:146 Resp: 287021
Ion Ratio Lower Upper
146 100
148 64.7 50.1 75.1
111 42.7 35.9 53.9

Manual Integrations
APPROVED

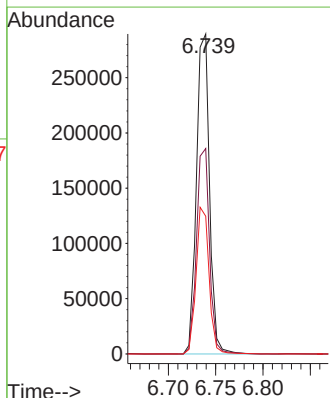
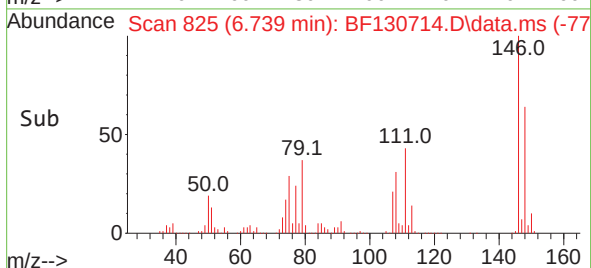
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022

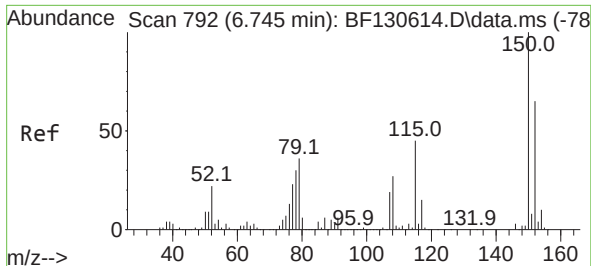


#14
1,2-Dichlorobenzene
Concen: 46.954 ng
RT: 6.739 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55



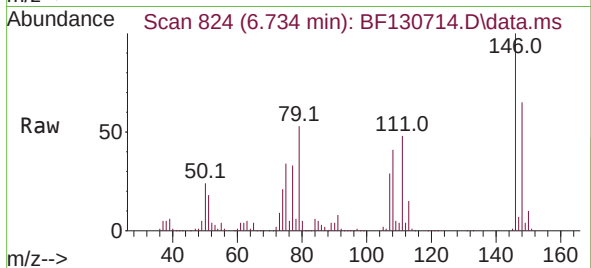
Tgt Ion:146 Resp: 277223
Ion Ratio Lower Upper
146 100
148 64.2 50.5 75.7
111 43.0 37.2 55.8





#15
Benzyl Alcohol
Concen: 48.659 ng
RT: 6.734 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

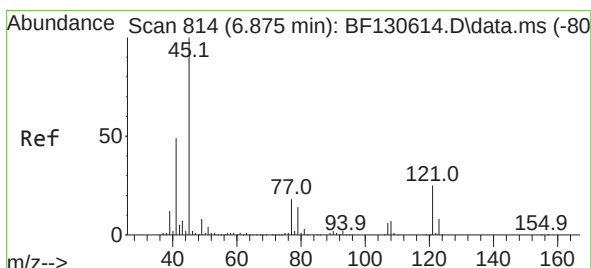
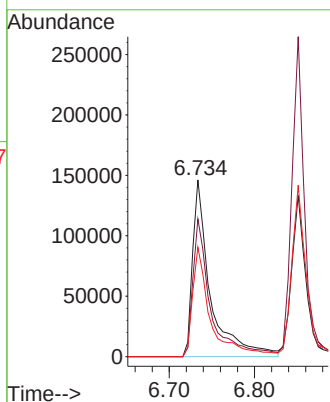
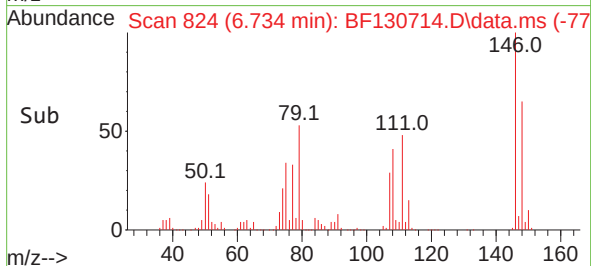
Instrument :
BNA_F
ClientSampleId :
PB148423BS



Tgt Ion: 79 Resp: 213169
Ion Ratio Lower Upper
79 100
108 77.9 59.7 89.5
77 61.9 51.8 77.6

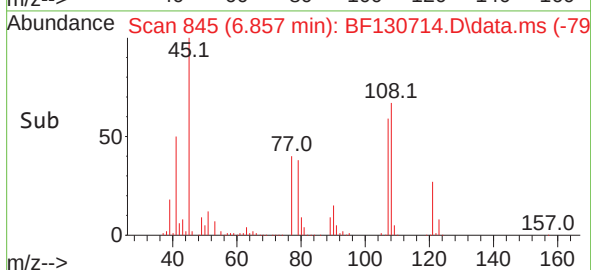
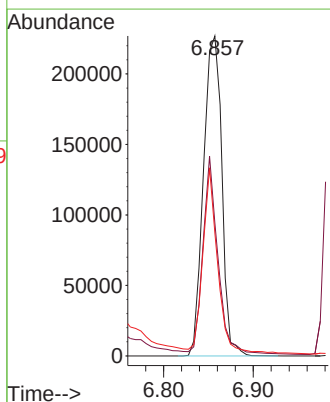
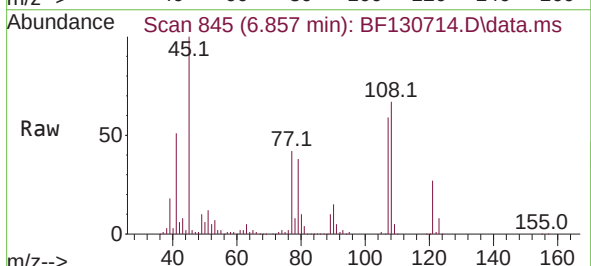
Manual Integrations
APPROVED

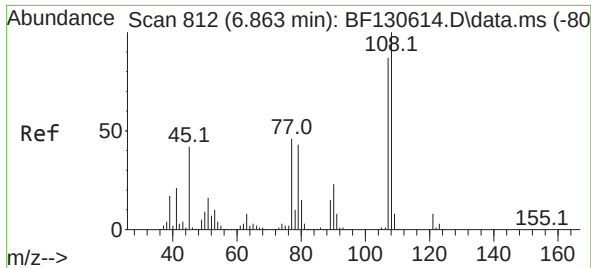
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.923 ng
RT: 6.857 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

Tgt Ion: 45 Resp: 322790
Ion Ratio Lower Upper
45 100
77 41.6 0.0 38.7#
79 38.5 0.0 34.6#





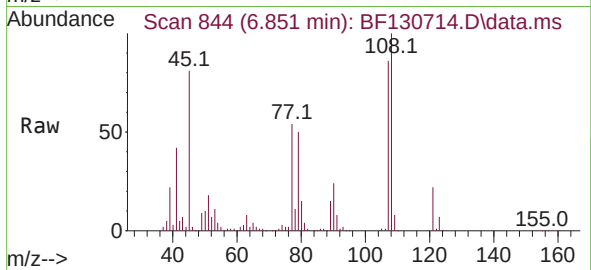
#17
2-Methylphenol
Concen: 53.806 ng
RT: 6.851 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

Instrument :

BNA_F

ClientSampleId :

PB148423BS

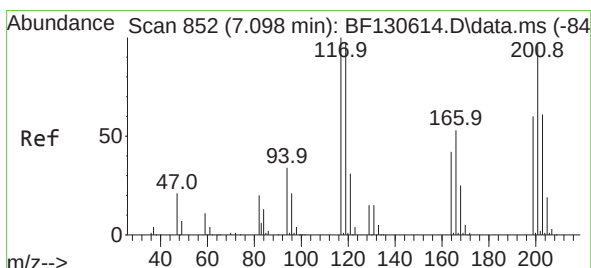
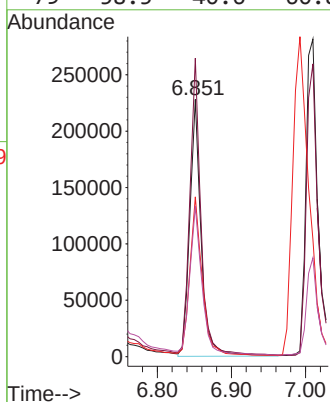
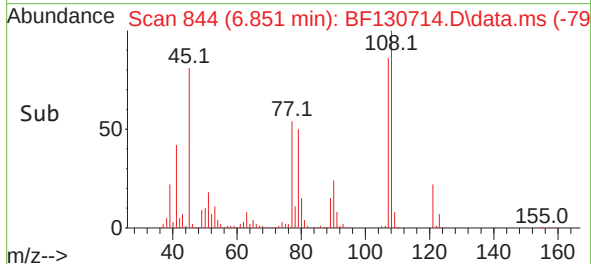


Tgt Ion:107 Resp: 244280
Ion Ratio Lower Upper
107 100
108 116.1 92.2 138.2
77 62.1 42.7 64.1
79 58.5 40.6 60.8

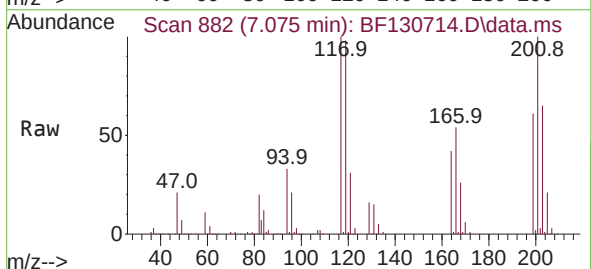
Manual Integrations

APPROVED

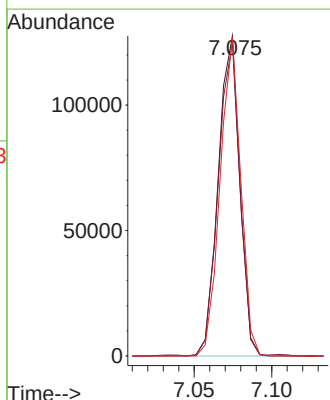
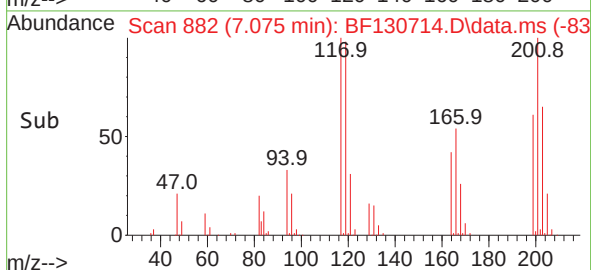
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022

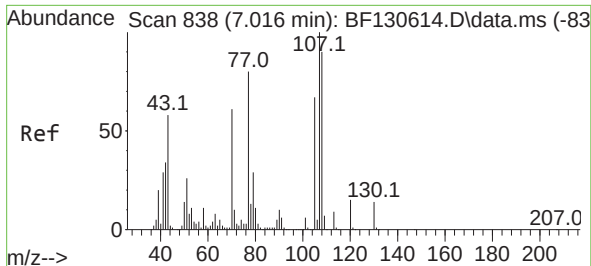


#18
Hexachloroethane
Concen: 51.507 ng
RT: 7.075 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55



Tgt Ion:117 Resp: 123531
Ion Ratio Lower Upper
117 100
119 97.9 77.6 116.4
201 99.7 77.0 115.6





#19

n-Nitroso-di-n-propylamine

Concen: 52.526 ng

RT: 6.998 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF130714.D

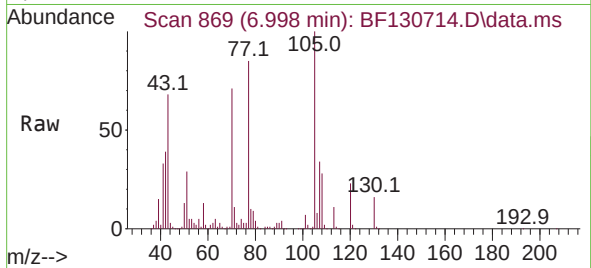
Acq: 19 Oct 2022 16:55

Instrument :

BNA_F

ClientSampleId :

PB148423BS



Tgt Ion: 70 Resp: 206782

Ion Ratio Lower Upper

70 100

42 54.8 44.3 66.5

101 10.1 7.9 11.9

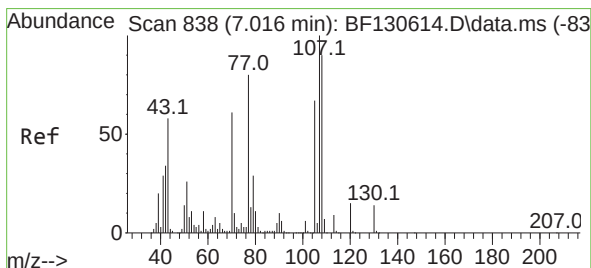
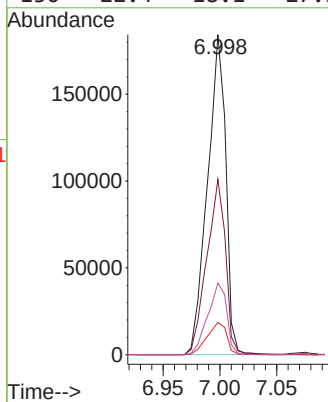
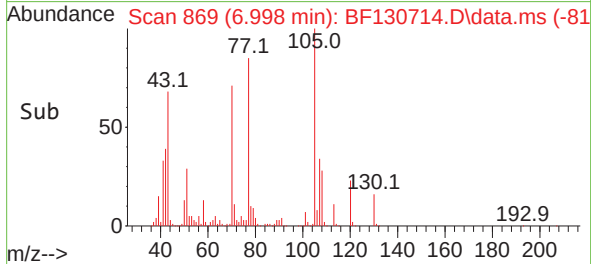
130 22.4 18.1 27.1

Manual Integrations

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Reviewed By :Christian Giraldo 10/20/2022

Supervised By :mohammad ahmed 10/20/2022



#20

3+4-Methylphenols

Concen: 54.451 ng

RT: 7.010 min Scan# 871

Delta R.T. 0.006 min

Lab File: BF130714.D

Acq: 19 Oct 2022 16:55

Tgt Ion:107 Resp: 331252

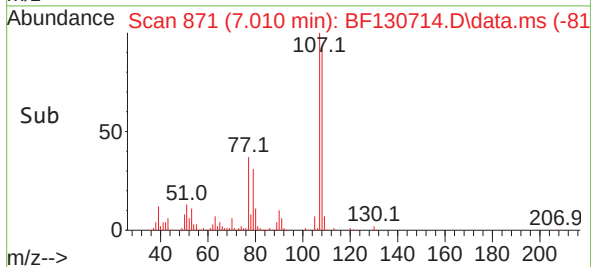
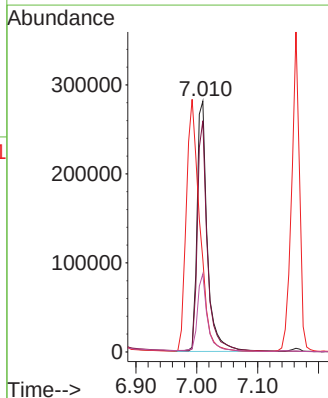
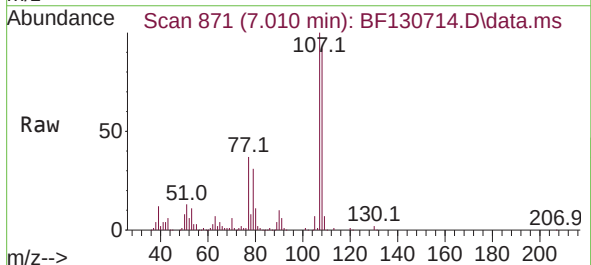
Ion Ratio Lower Upper

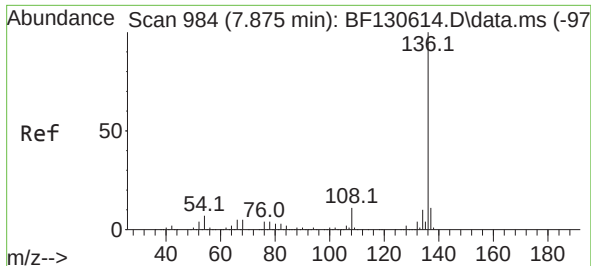
107 100

108 92.2 69.7 109.7

77 36.9 59.7 99.7#

79 31.1 9.5 49.5





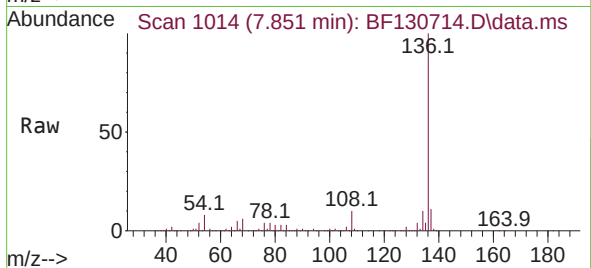
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.851 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

Instrument :

BNA_F

ClientSampleId :

PB148423BS

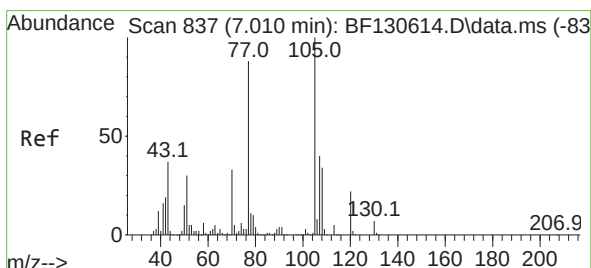
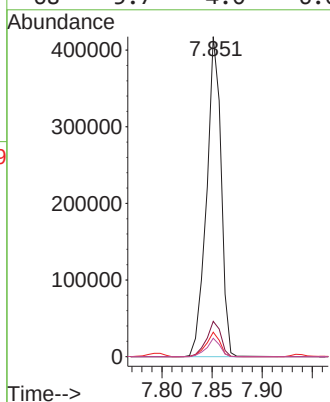
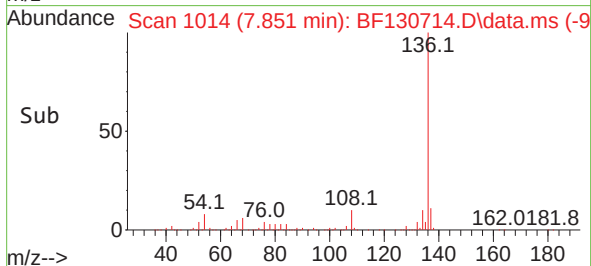


Tgt Ion:136 Resp: 419176
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.6 5.5 8.3
68 5.7 4.0 6.0

Manual Integrations

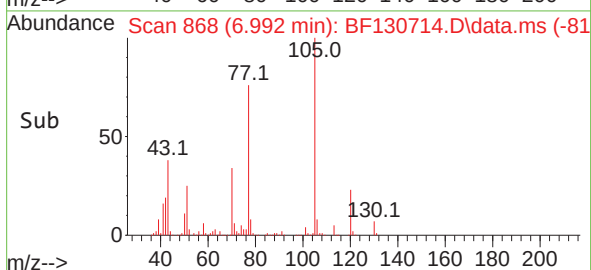
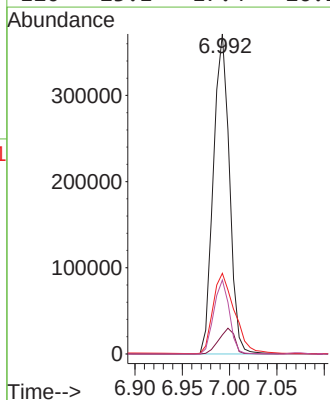
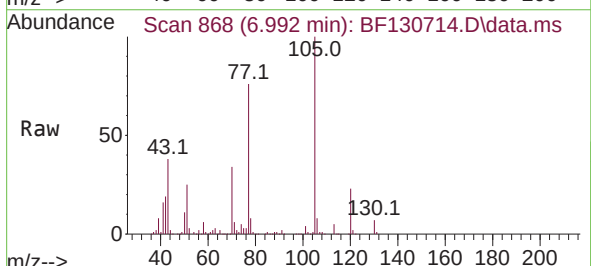
APPROVED

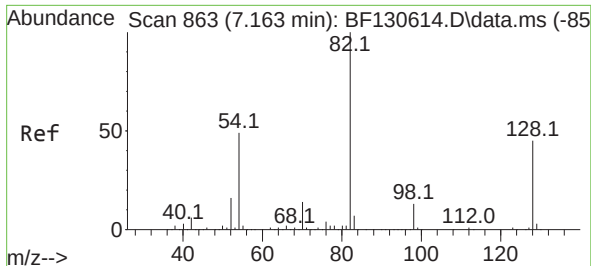
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#22
Acetophenone
Concen: 43.580 ng
RT: 6.992 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

Tgt Ion:105 Resp: 438217
Ion Ratio Lower Upper
105 100
71 6.0 4.2 6.4
51 25.2 24.3 36.5
120 23.1 17.4 26.2





#23

Nitrobenzene-d5

Concen: 79.757 ng

RT: 7.145 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF130714.D

Acq: 19 Oct 2022 16:55

Instrument :

BNA_F

ClientSampleId :

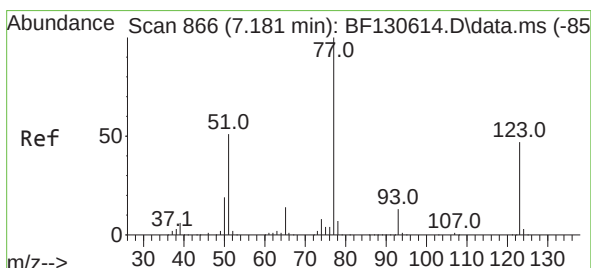
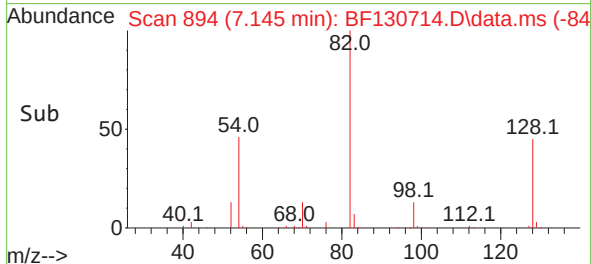
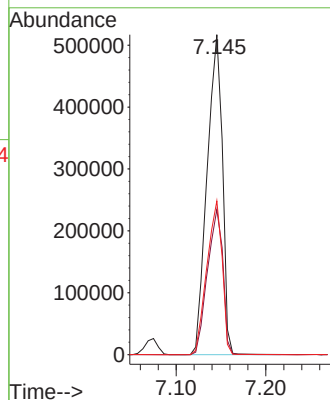
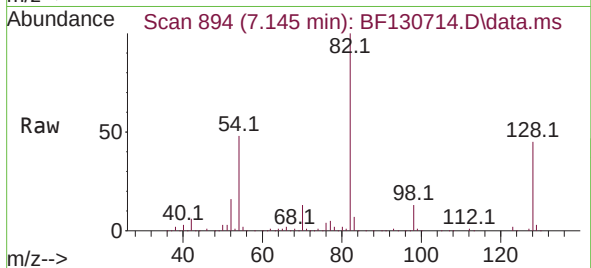
PB148423BS

Tgt Ion: 82 Resp: 612420
 Ion Ratio Lower Upper
 82 100
 128 45.3 35.8 53.6
 54 48.0 39.3 58.9

Manual Integrations

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Reviewed By :Christian Giraldo 10/20/2022
 Supervised By :mohammad ahmed 10/20/2022



#24

Nitrobenzene

Concen: 42.251 ng

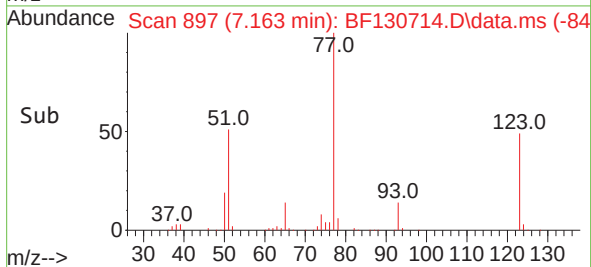
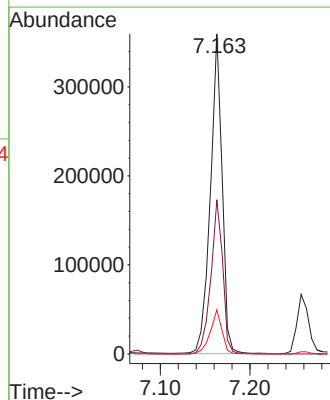
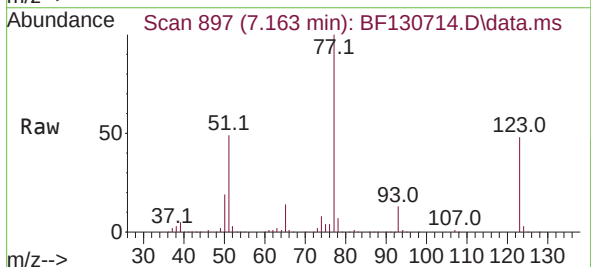
RT: 7.163 min Scan# 897

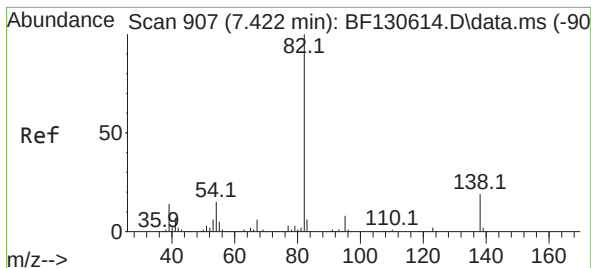
Delta R.T. -0.006 min

Lab File: BF130714.D

Acq: 19 Oct 2022 16:55

Tgt Ion: 77 Resp: 326264
 Ion Ratio Lower Upper
 77 100
 123 48.2 37.5 56.3
 65 13.8 11.0 16.4





#25

Isophorone

Concen: 46.430 ng

RT: 7.404 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF130714.D

Acq: 19 Oct 2022 16:55

Instrument :

BNA_F

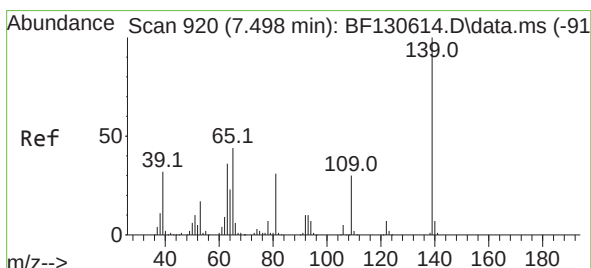
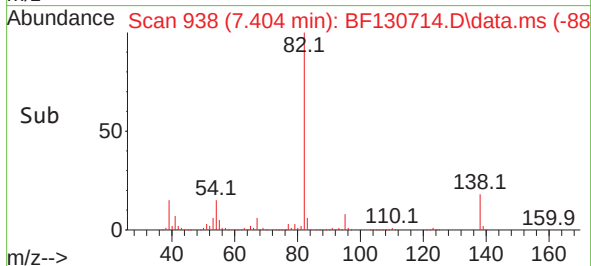
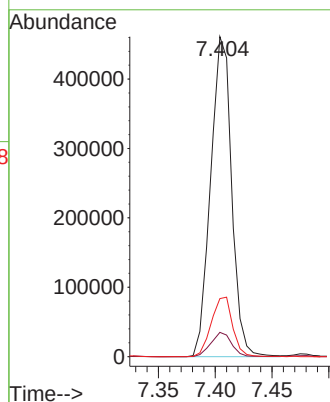
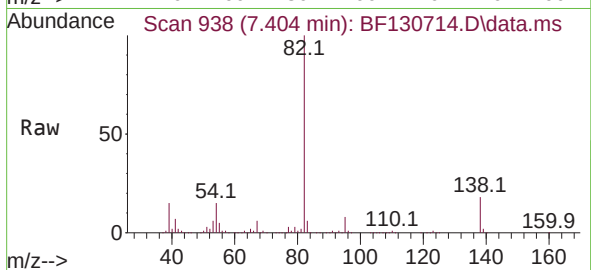
ClientSampleId :

PB148423BS

Tgt Ion: 82 Resp: 593366
 Ion Ratio Lower Upper
 82 100
 95 7.6 6.1 9.1
 138 18.1 14.9 22.3

Manual Integrations
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Reviewed By :Christian Giraldo 10/20/2022
 Supervised By :mohammad ahmed 10/20/2022



#26

2-Nitrophenol

Concen: 45.528 ng

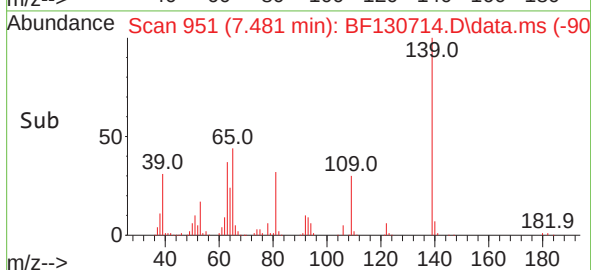
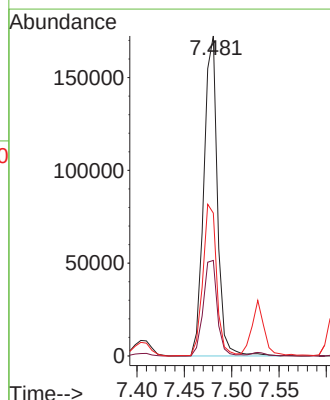
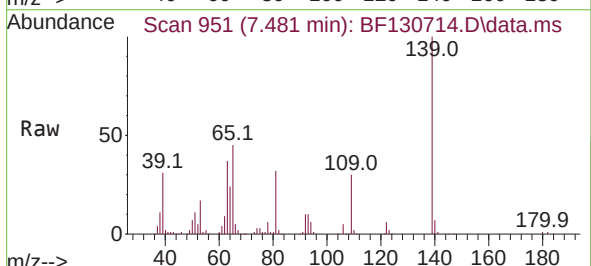
RT: 7.481 min Scan# 951

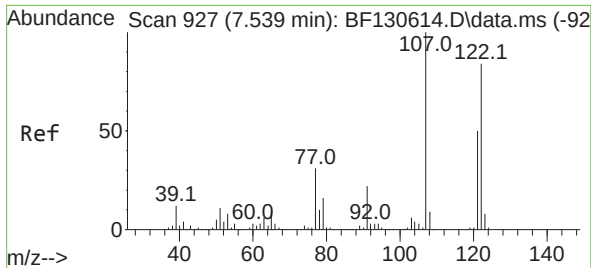
Delta R.T. -0.006 min

Lab File: BF130714.D

Acq: 19 Oct 2022 16:55

Tgt Ion:139 Resp: 172407
 Ion Ratio Lower Upper
 139 100
 109 29.8 23.9 35.9
 65 44.6 34.9 52.3





#27
2,4-Dimethylphenol
Concen: 52.304 ng
RT: 7.528 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

Instrument :

BNA_F

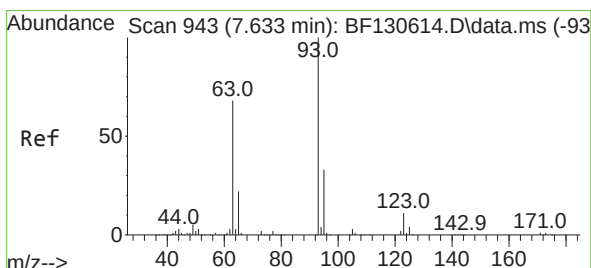
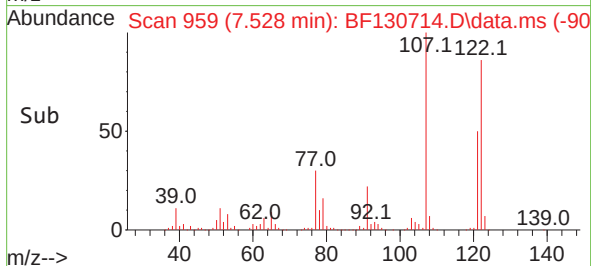
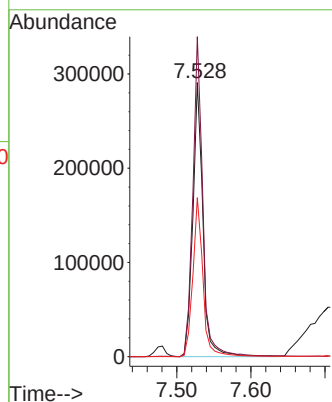
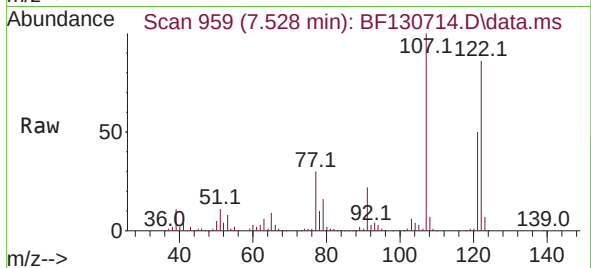
ClientSampleId :

PB148423BS

Tgt Ion:122 Resp: 276063
Ion Ratio Lower Upper
122 100
107 116.8 94.9 142.3
121 58.0 47.1 70.7

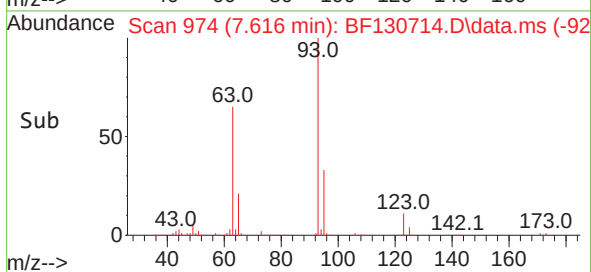
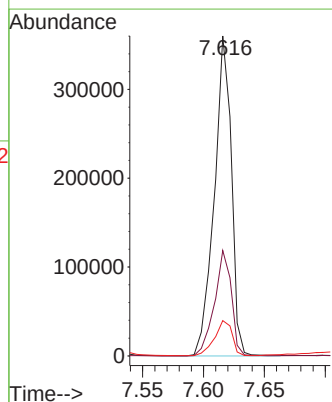
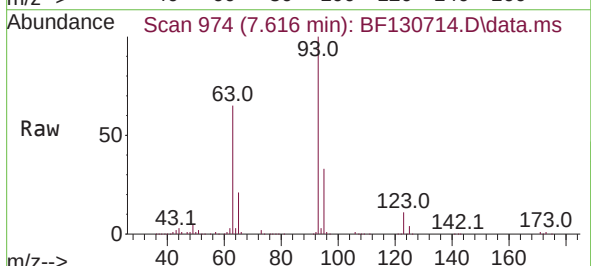
Manual Integrations
APPROVED

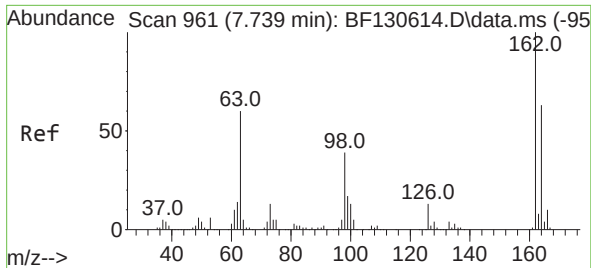
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#28
bis(2-Chloroethoxy)methane
Concen: 47.534 ng
RT: 7.616 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

Tgt Ion: 93 Resp: 351742
Ion Ratio Lower Upper
93 100
95 32.9 26.4 39.6
123 11.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 44.718 ng

RT: 7.728 min Scan# 99

Delta R.T. -0.000 min

Lab File: BF130714.D

Acq: 19 Oct 2022 16:55

Instrument :

BNA_F

ClientSampleId :

PB148423BS

Tgt Ion:162 Resp: 264069

Ion Ratio Lower Upper

162 100

164 64.4 42.8 82.8

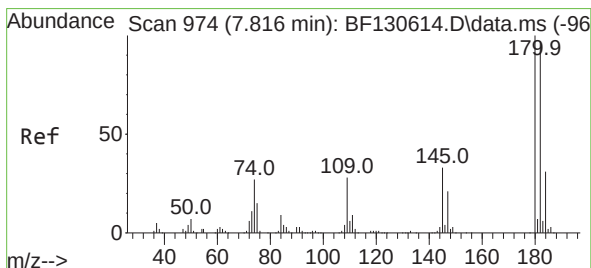
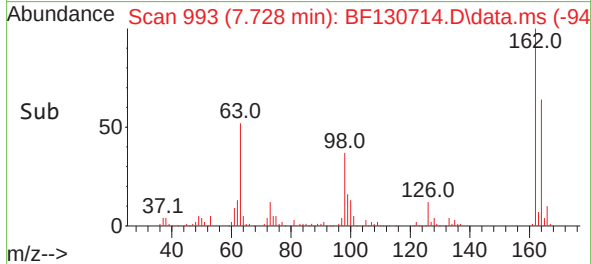
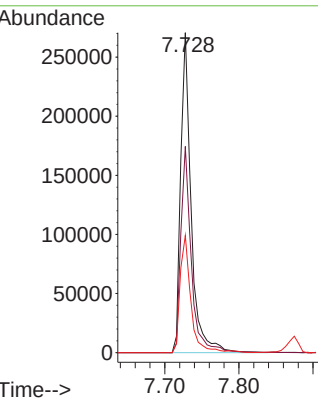
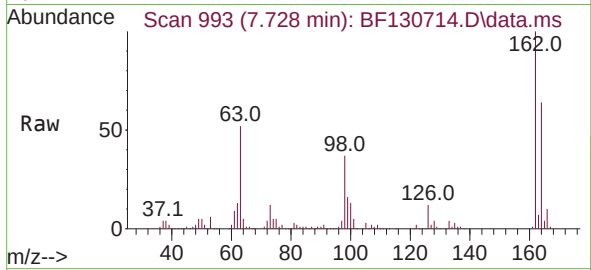
98 36.6 18.6 58.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/20/2022

Supervised By :mohammad ahmed 10/20/2022



#30

1,2,4-Trichlorobenzene

Concen: 38.867 ng

RT: 7.798 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF130714.D

Acq: 19 Oct 2022 16:55

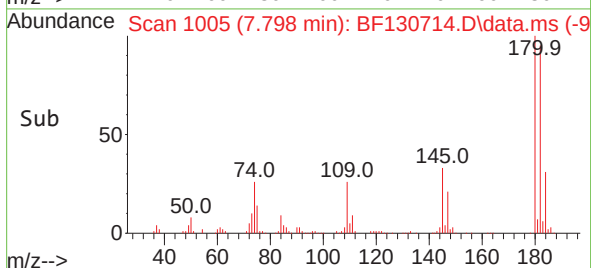
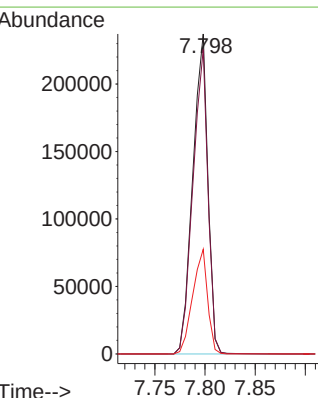
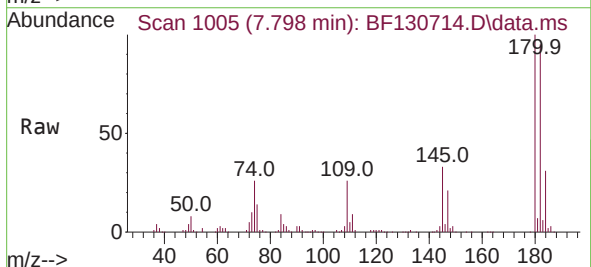
Tgt Ion:180 Resp: 247438

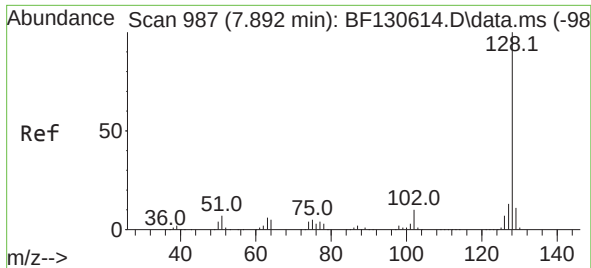
Ion Ratio Lower Upper

180 100

182 95.1 78.0 117.0

145 32.7 26.7 40.1





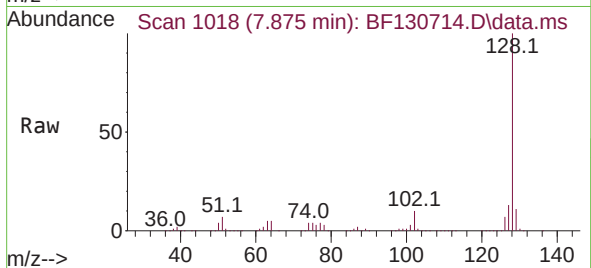
#31
Naphthalene
Concen: 41.984 ng
RT: 7.875 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

Instrument :

BNA_F

ClientSampleId :

PB148423BS

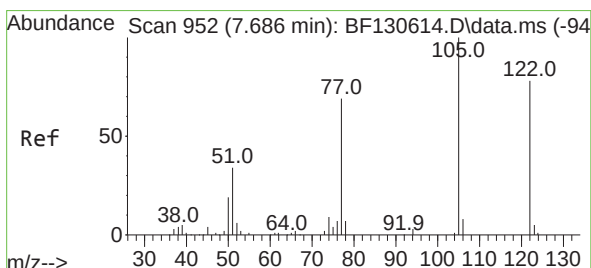
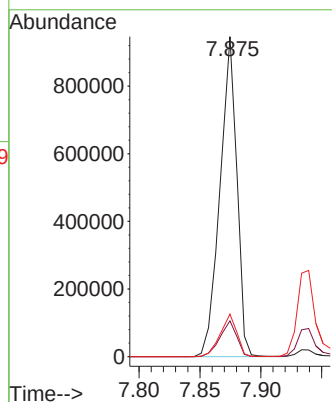
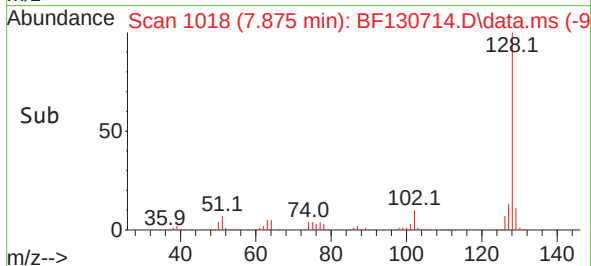


Tgt Ion:128 Resp: 910976
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.3 10.3 15.5

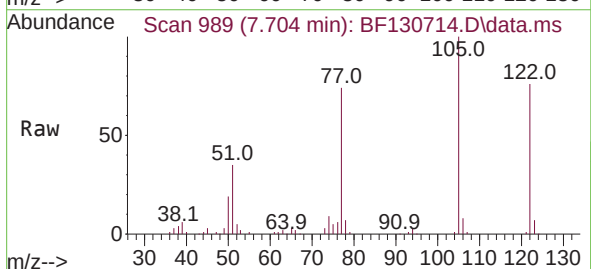
Manual Integrations

APPROVED

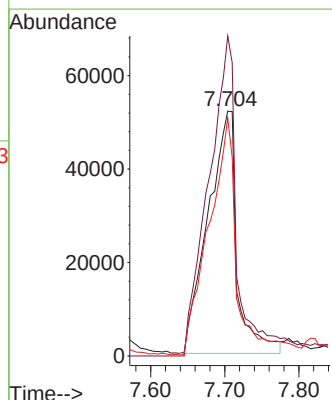
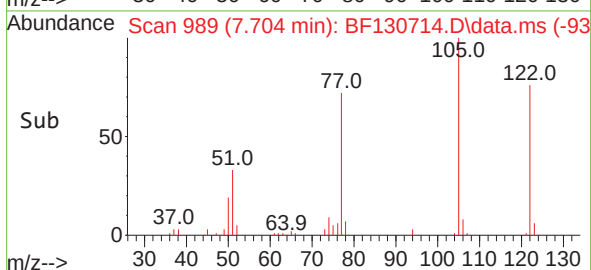
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022

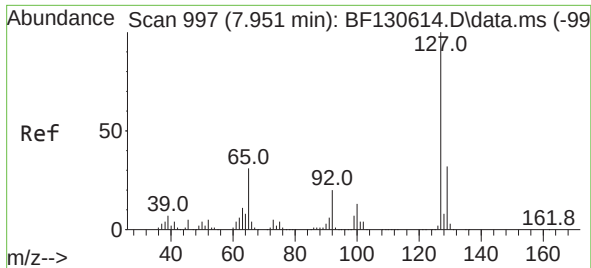


#32
Benzoic acid
Concen: 42.275 ng
RT: 7.704 min Scan# 989
Delta R.T. 0.018 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55



Tgt Ion:122 Resp: 141157
Ion Ratio Lower Upper
122 100
105 130.7 104.8 144.8
77 97.2 68.2 108.2





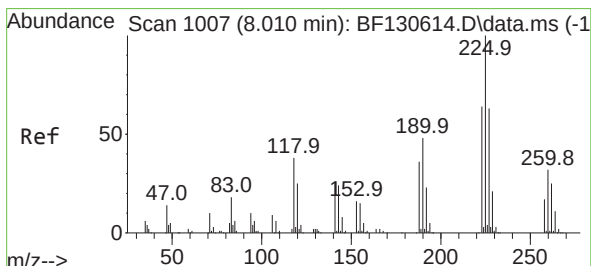
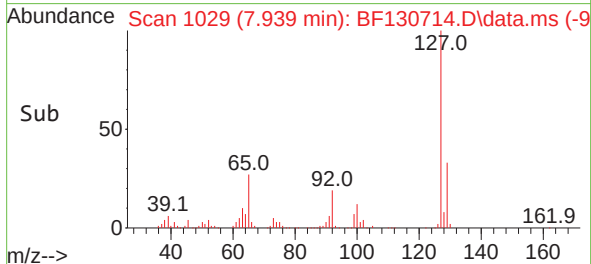
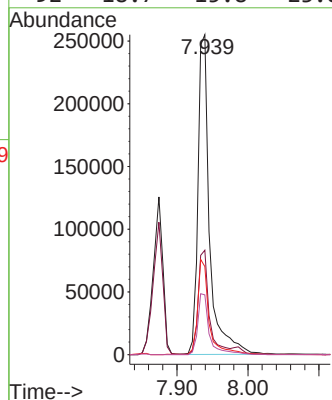
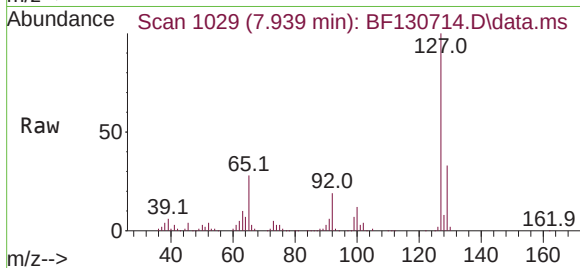
#33
4-Chloroaniline
Concen: 34.726 ng
RT: 7.939 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

Instrument :
BNA_F
ClientSampleId :
PB148423BS

Tgt Ion:	127	Resp:	291884
Ion Ratio	Lower	Upper	
127	100		
129	32.6	25.7	38.5
65	27.5	24.7	37.1
92	18.7	15.8	23.8

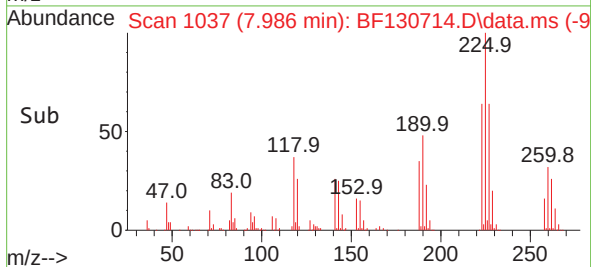
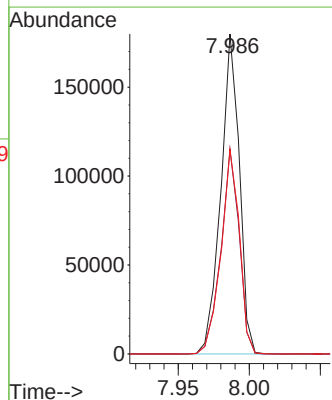
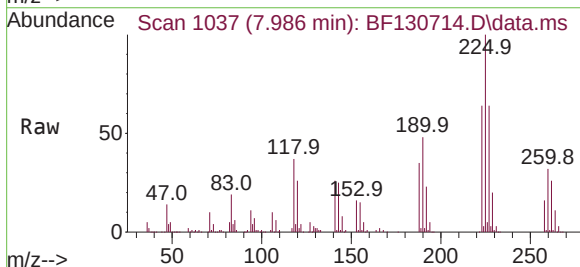
Manual Integrations
APPROVED

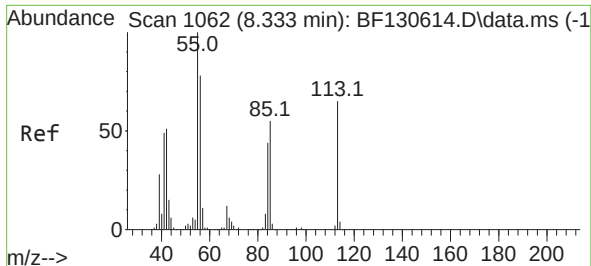
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#34
Hexachlorobutadiene
Concen: 41.316 ng
RT: 7.986 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

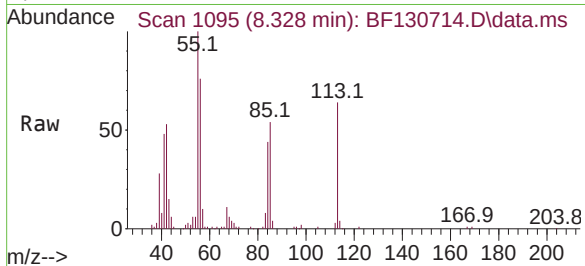
Tgt Ion:	225	Resp:	163250
Ion Ratio	Lower	Upper	
225	100		
223	64.0	51.5	77.3
227	63.8	50.4	75.6





#35
 Caprolactam
 Concen: 48.132 ng m
 RT: 8.328 min Scan# 1062
 Delta R.T. -0.000 min
 Lab File: BF130714.D
 Acq: 19 Oct 2022 16:55

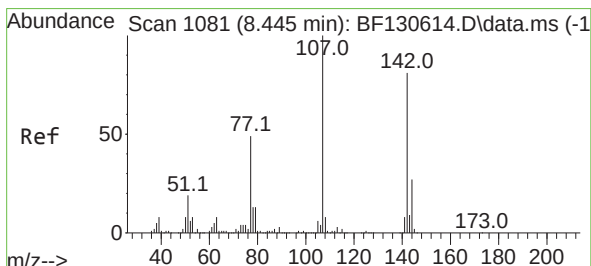
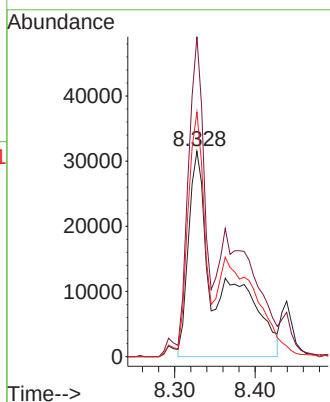
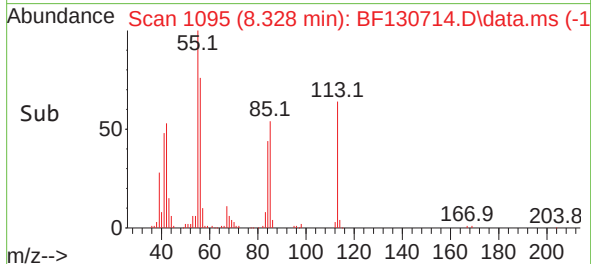
Instrument :
 BNA_F
 ClientSampleId :
 PB148423BS



Tgt Ion:113 Resp: 85516
 Ion Ratio Lower Upper
 113 100
 55 155.8 134.3 174.3
 56 119.1 101.0 141.0

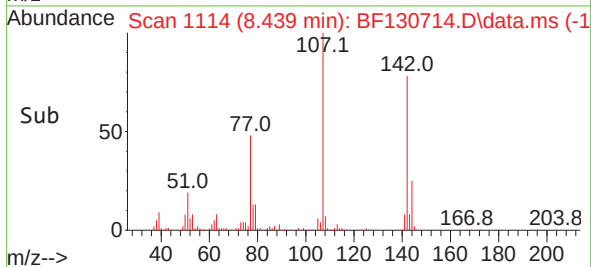
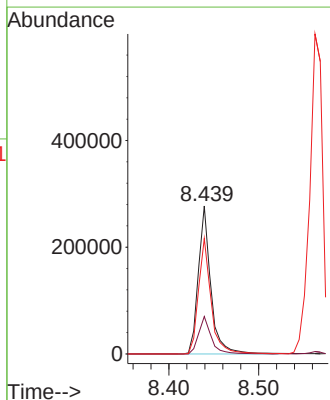
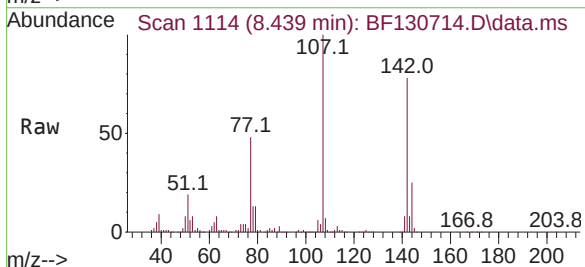
Manual Integrations
 APPROVED

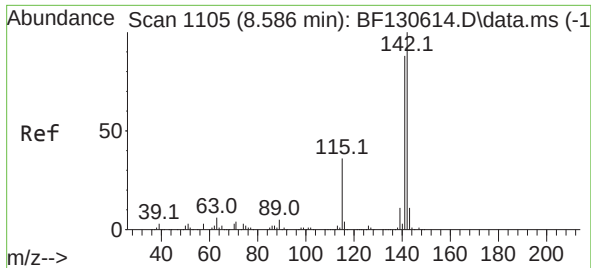
Reviewed By :Christian Giraldo 10/20/2022
 Supervised By :mohammad ahmed 10/20/2022



#36
 4-Chloro-3-methylphenol
 Concen: 41.919 ng
 RT: 8.439 min Scan# 1114
 Delta R.T. 0.006 min
 Lab File: BF130714.D
 Acq: 19 Oct 2022 16:55

Tgt Ion:107 Resp: 268505
 Ion Ratio Lower Upper
 107 100
 144 25.2 21.9 32.9
 142 78.0 64.6 96.8





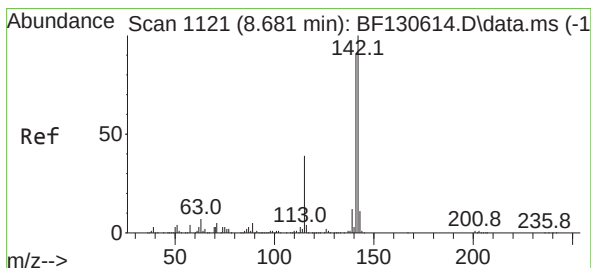
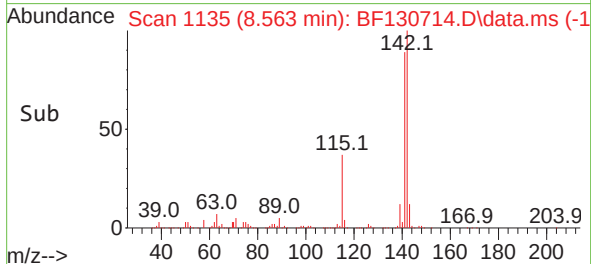
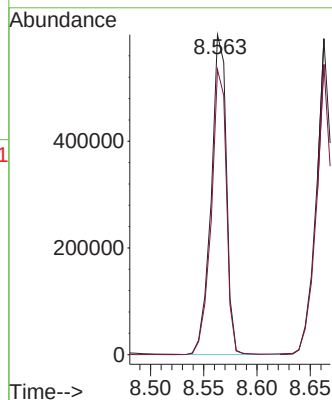
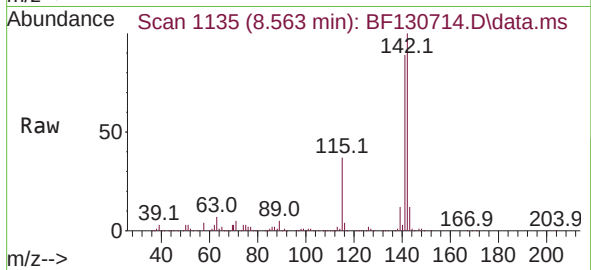
#37
2-Methylnaphthalene
Concen: 43.726 ng
RT: 8.563 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

Instrument :
BNA_F
ClientSampleId :
PB148423BS

Tgt Ion:142 Resp: 59707
Ion Ratio Lower Upper
142 100
141 89.1 70.7 106.1

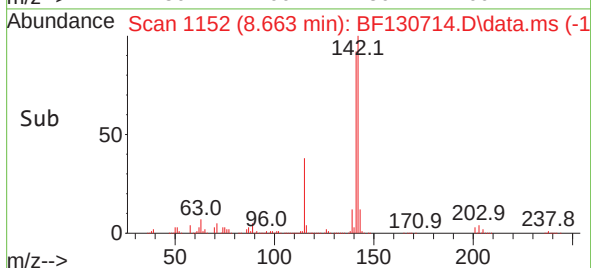
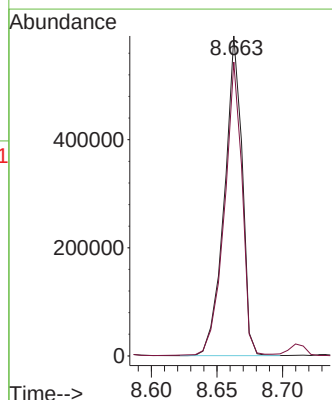
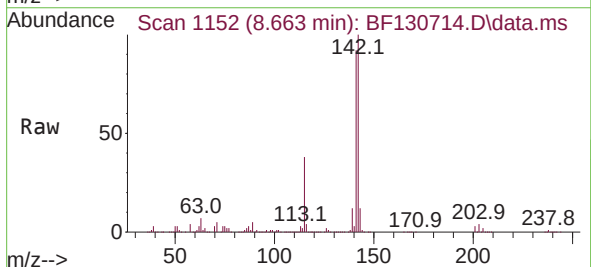
Manual Integrations
APPROVED

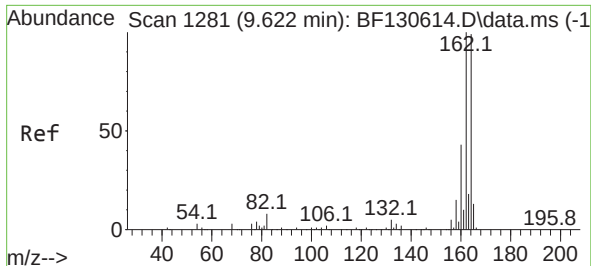
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#38
1-Methylnaphthalene
Concen: 42.106 ng
RT: 8.663 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

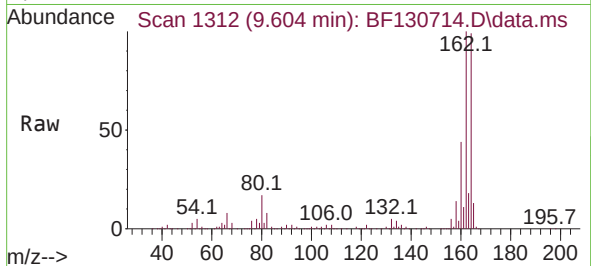
Tgt Ion:142 Resp: 558142
Ion Ratio Lower Upper
142 100
141 91.9 72.6 108.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.604 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

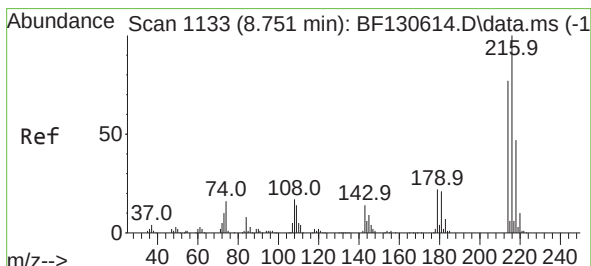
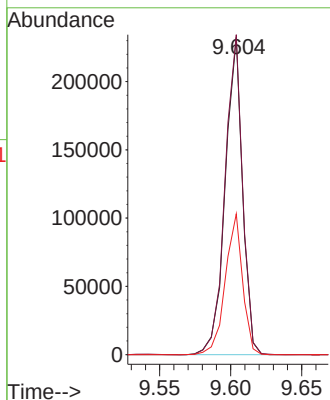
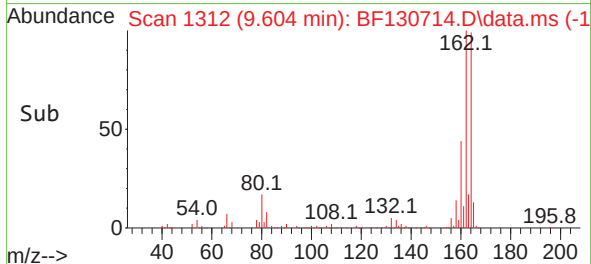
Instrument :
BNA_F
ClientSampleId :
PB148423BS



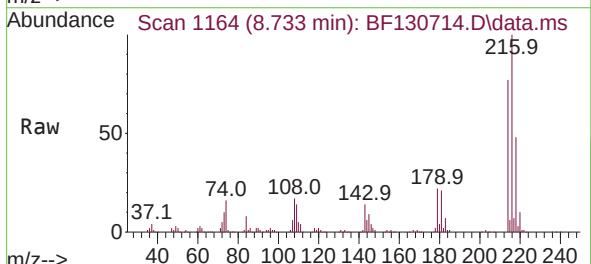
Tgt Ion:164 Resp: 197283
Ion Ratio Lower Upper
164 100
162 100.9 81.0 121.4
160 44.4 34.5 51.7

Manual Integrations
APPROVED

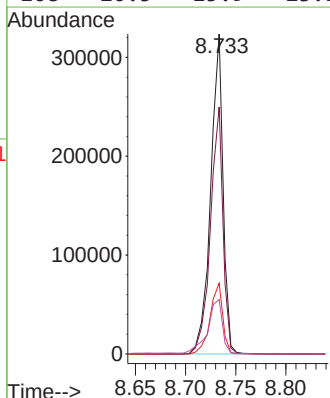
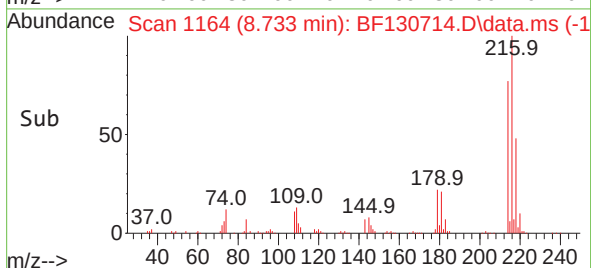
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022

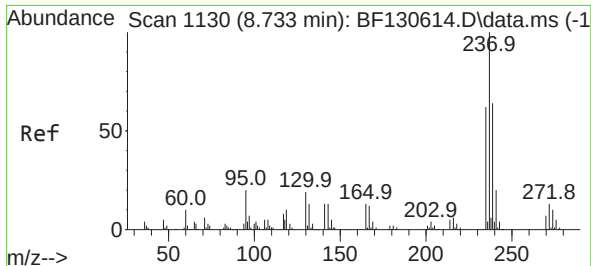


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.855 ng
RT: 8.733 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55



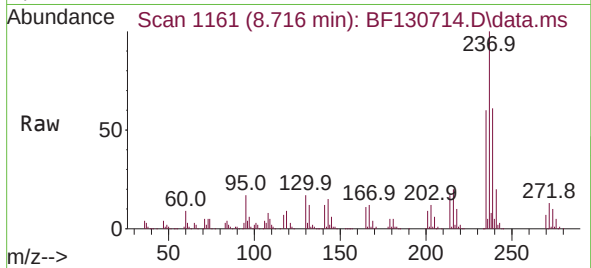
Tgt Ion:216 Resp: 277556
Ion Ratio Lower Upper
216 100
214 78.3 62.1 93.1
179 22.4 18.6 27.8
108 20.5 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 71.275 ng
RT: 8.716 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

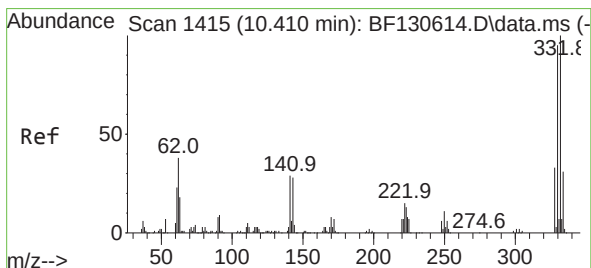
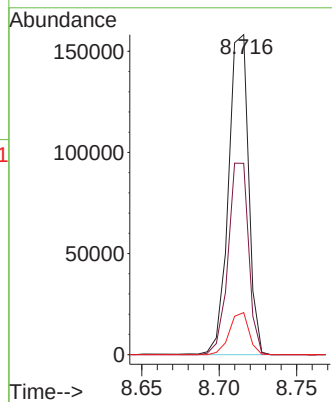
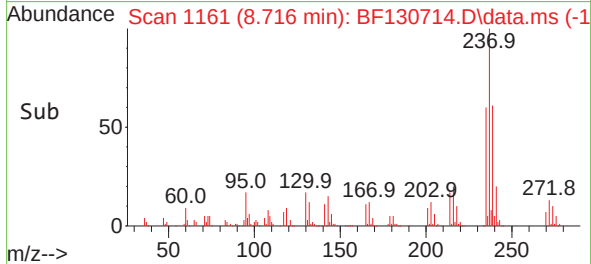
Instrument :
BNA_F
ClientSampleId :
PB148423BS



Tgt Ion: 237 Resp: 143273
Ion Ratio Lower Upper
237 100
235 59.8 42.2 82.2
272 13.1 0.0 32.6

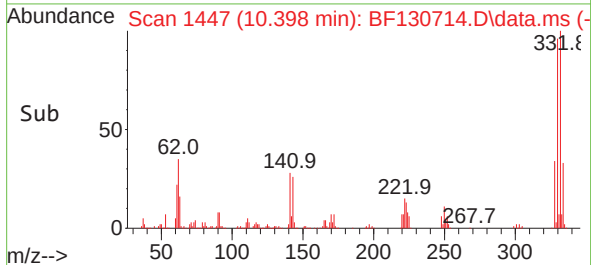
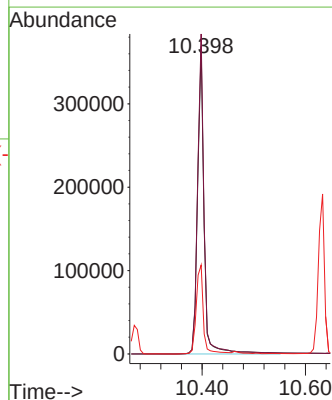
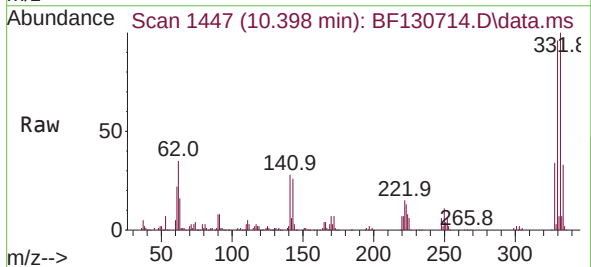
Manual Integrations
APPROVED

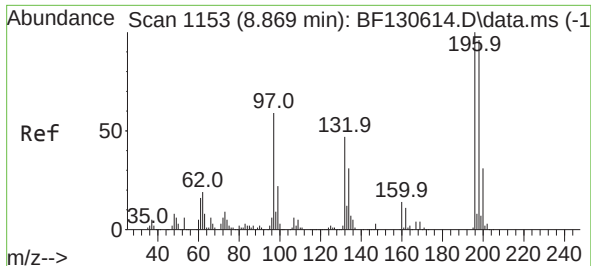
Reviewed By : Christian Giraldo 10/20/2022
Supervised By : mohammad ahmed 10/20/2022



#42
2,4,6-Tribromophenol
Concen: 166.838 ng
RT: 10.398 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

Tgt Ion: 330 Resp: 322065
Ion Ratio Lower Upper
330 100
332 104.0 84.2 126.4
141 31.5 26.8 40.2





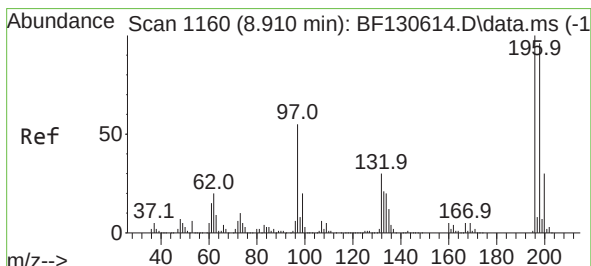
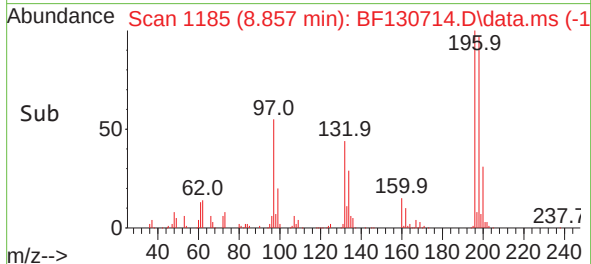
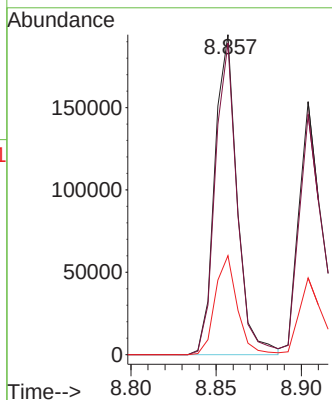
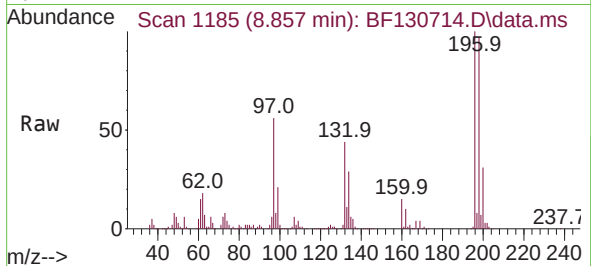
#43
2,4,6-Trichlorophenol
Concen: 49.390 ng
RT: 8.857 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

Instrument :
BNA_F
ClientSampleId :
PB148423BS

Tgt Ion:196 Resp: 177502
Ion Ratio Lower Upper
196 100
198 97.4 76.6 115.0
200 30.9 25.0 37.6

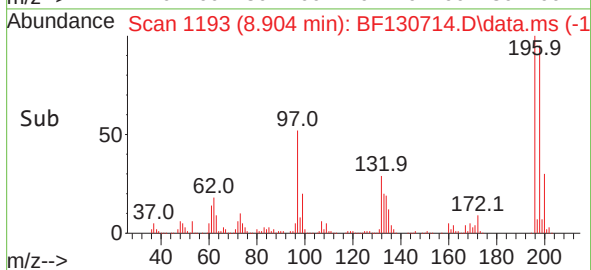
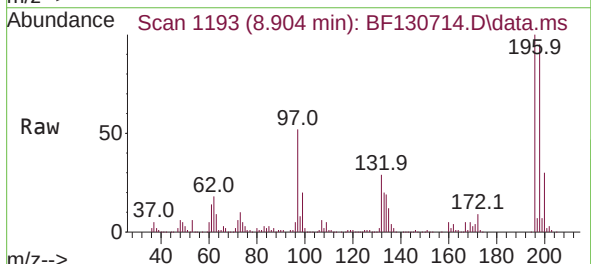
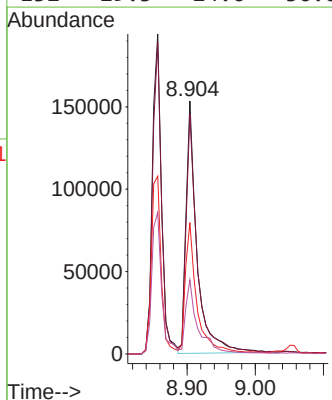
Manual Integrations
APPROVED

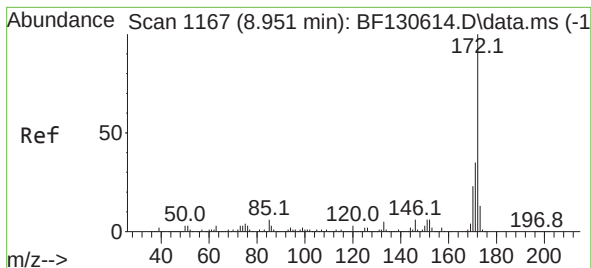
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#44
2,4,5-Trichlorophenol
Concen: 43.710 ng
RT: 8.904 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

Tgt Ion:196 Resp: 172753
Ion Ratio Lower Upper
196 100
198 94.9 76.6 114.8
97 51.9 44.3 66.5
132 29.3 24.6 36.8





#45
2-Fluorobiphenyl
Concen: 88.601 ng
RT: 8.933 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

Instrument :

BNA_F

ClientSampleId :

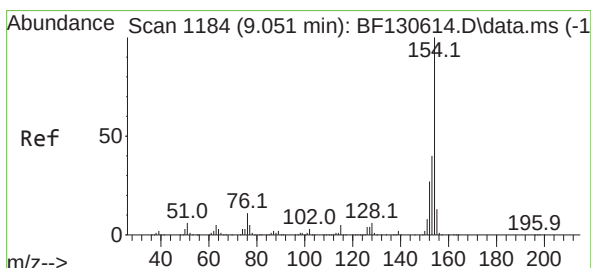
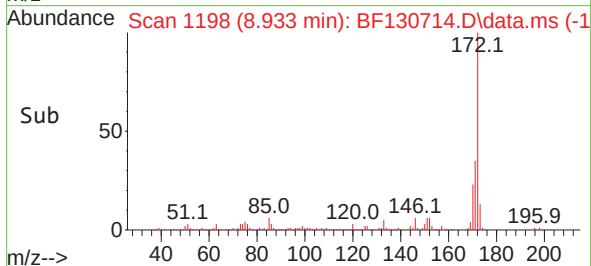
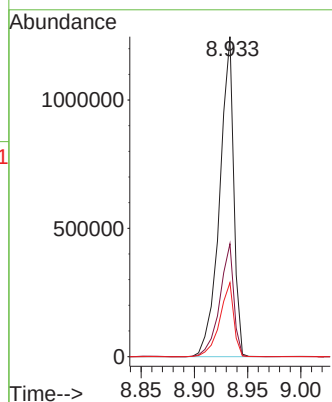
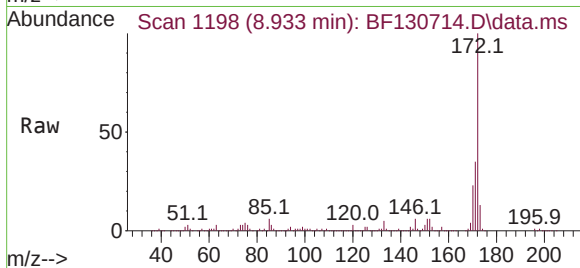
PB148423BS

Tgt Ion:172 Resp: 1153949
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.8
170 23.1 18.6 27.8

Manual Integrations

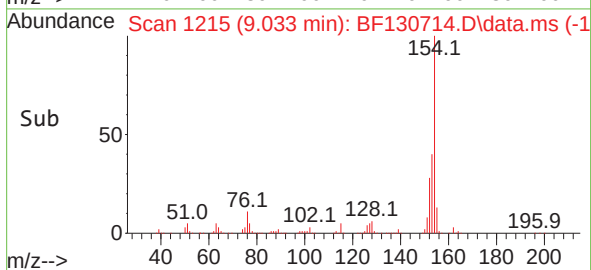
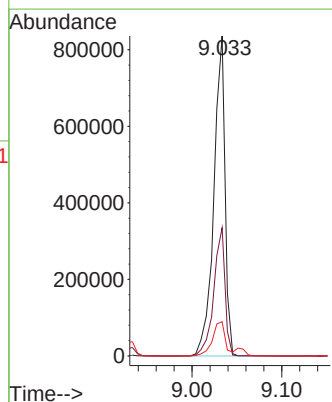
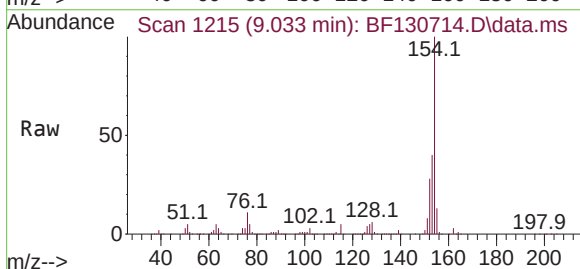
APPROVED

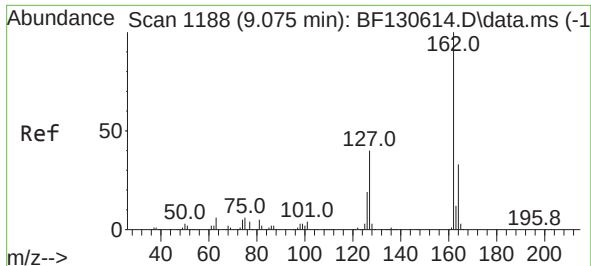
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#46
1,1'-Biphenyl
Concen: 50.752 ng
RT: 9.033 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

Tgt Ion:154 Resp: 725621
Ion Ratio Lower Upper
154 100
153 40.1 20.0 60.0
76 10.7 0.0 30.8





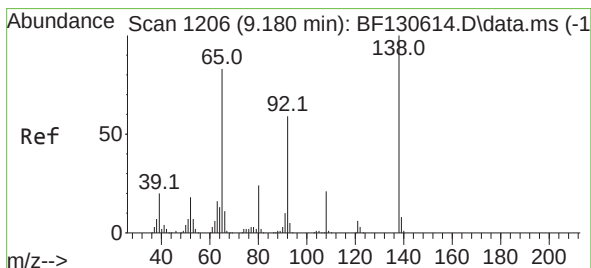
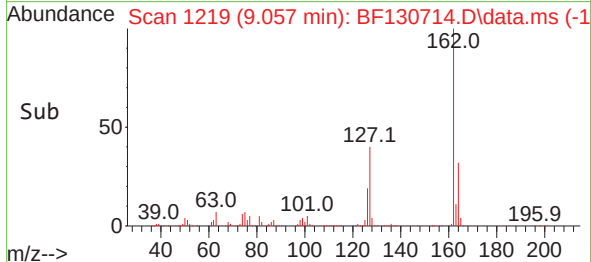
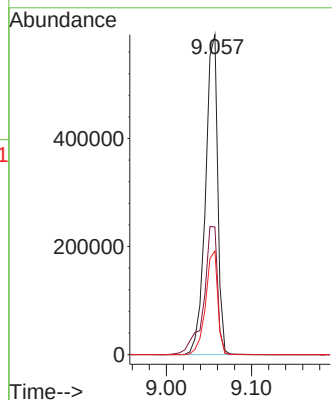
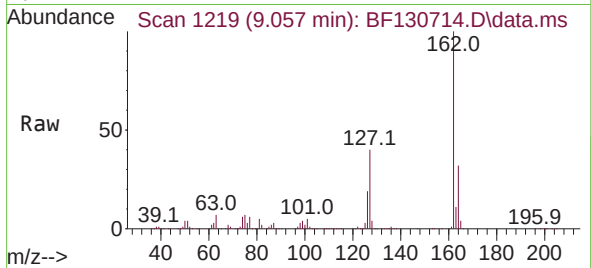
#47
2-Chloronaphthalene
Concen: 50.365 ng
RT: 9.057 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

Instrument :
BNA_F
ClientSampleId :
PB148423BS

Tgt Ion:162 Resp: 588528
Ion Ratio Lower Upper
162 100
127 39.9 32.6 49.0
164 32.4 26.3 39.5

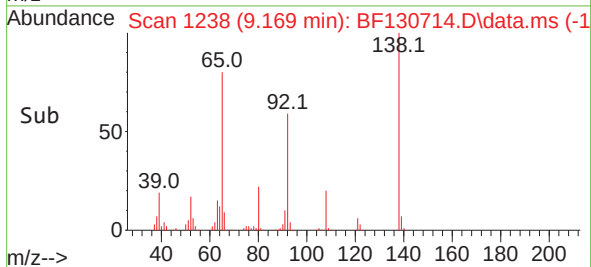
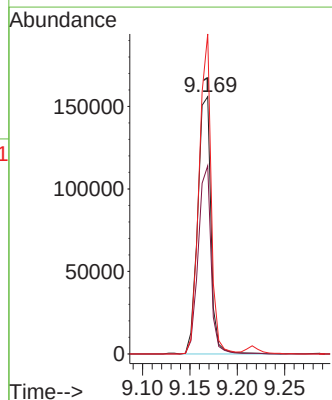
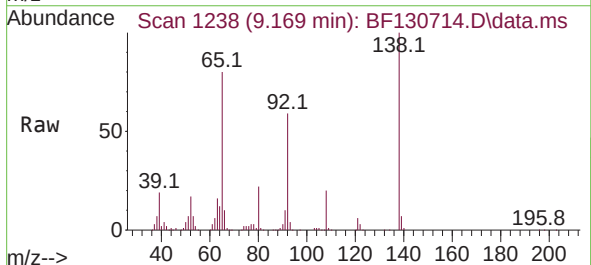
Manual Integrations
APPROVED

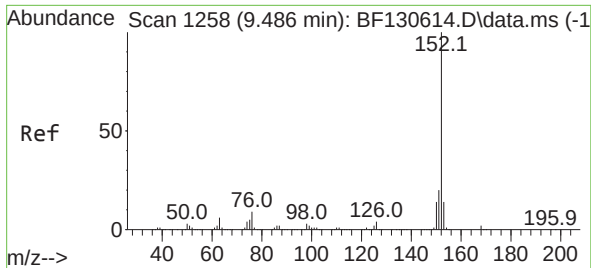
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#48
2-Nitroaniline
Concen: 42.870 ng
RT: 9.169 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

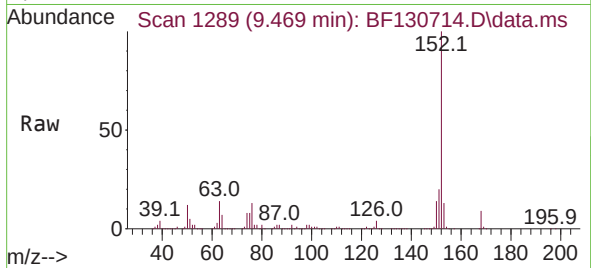
Tgt Ion: 65 Resp: 150799
Ion Ratio Lower Upper
65 100
92 73.2 57.4 86.0
138 124.4 96.7 145.1





#49
Acenaphthylene
Concen: 42.880 ng
RT: 9.469 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

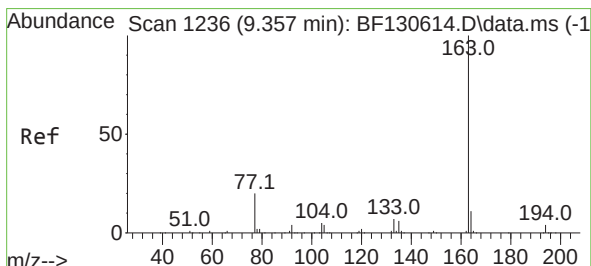
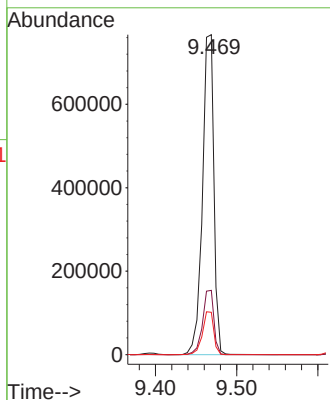
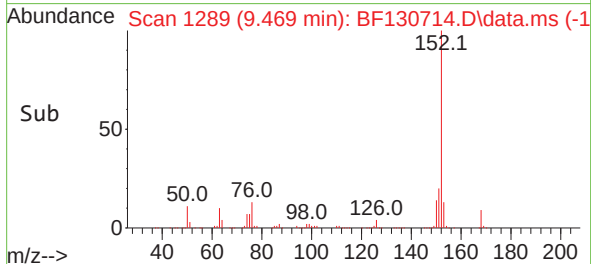
Instrument :
BNA_F
ClientSampleId :
PB148423BS



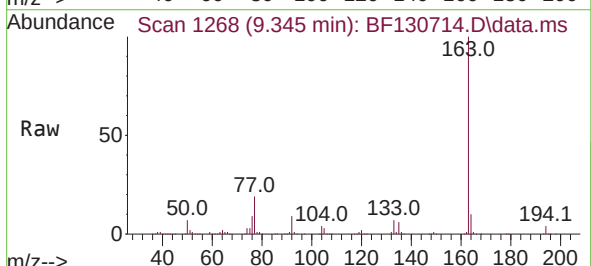
Tgt Ion:152 Resp: 750754
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.2 10.8 16.2

Manual Integrations
APPROVED

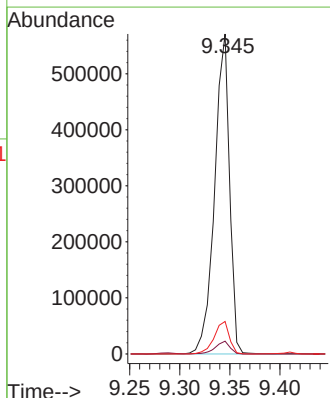
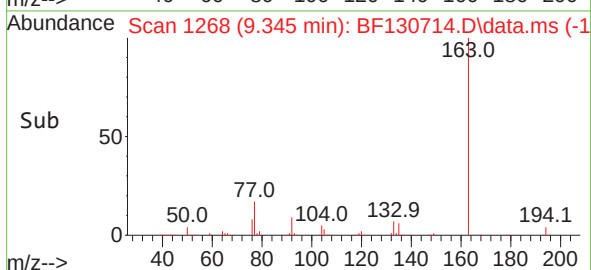
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022

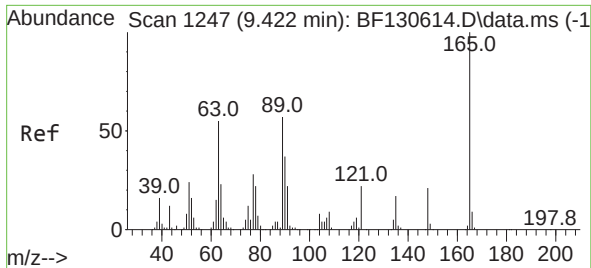


#50
Dimethylphthalate
Concen: 43.356 ng
RT: 9.345 min Scan# 1268
Delta R.T. -0.000 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55



Tgt Ion:163 Resp: 592097
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.1 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 44.681 ng
RT: 9.410 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

Instrument :

BNA_F

ClientSampleId :

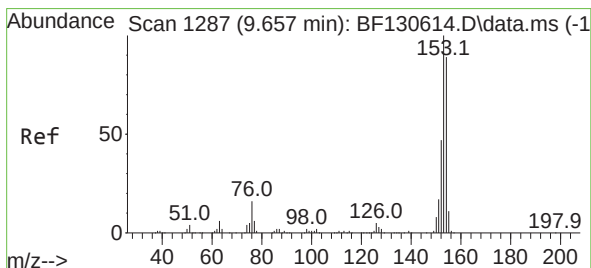
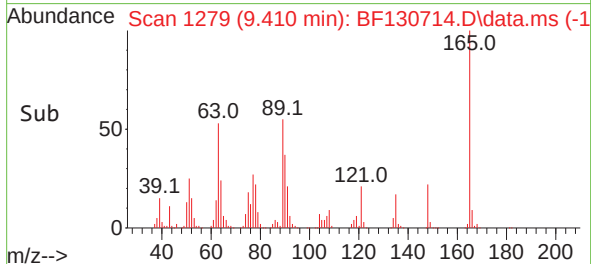
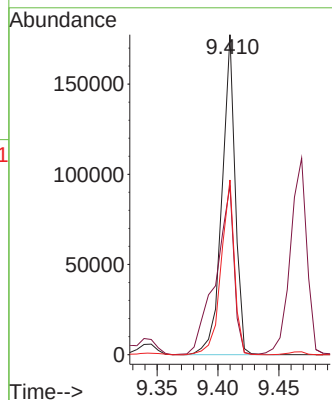
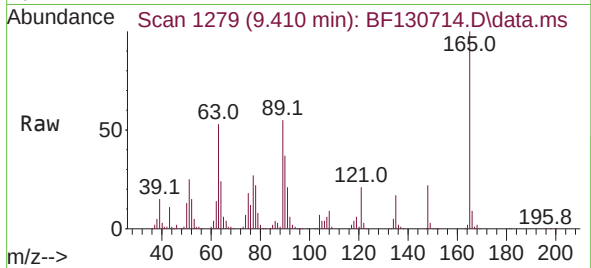
PB148423BS

Tgt Ion:165 Resp: 133848
Ion Ratio Lower Upper
165 100
63 52.8 45.3 67.9
89 54.6 45.6 68.4

Manual Integrations

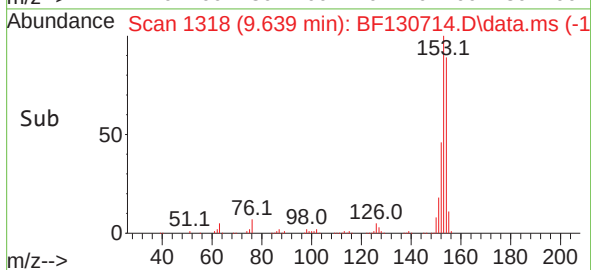
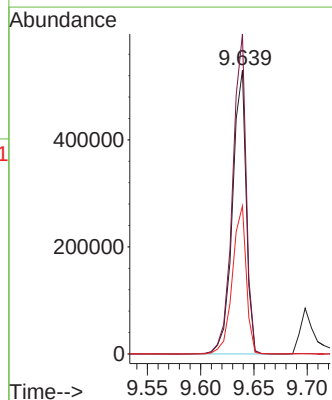
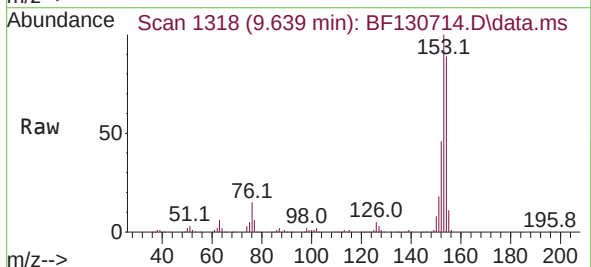
APPROVED

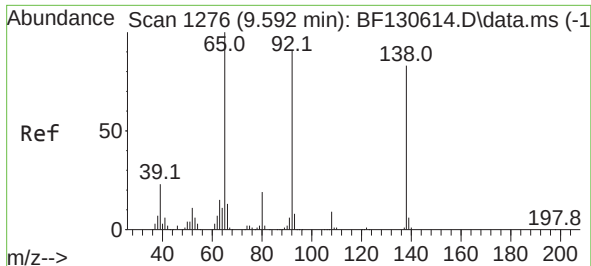
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#52
Acenaphthene
Concen: 44.687 ng
RT: 9.639 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

Tgt Ion:154 Resp: 474027
Ion Ratio Lower Upper
154 100
153 112.8 89.6 134.4
152 52.2 42.4 63.6





#53
3-Nitroaniline
Concen: 34.801 ng
RT: 9.580 min Scan# 1308
Delta R.T. -0.000 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

Instrument :

BNA_F

ClientSampleId :

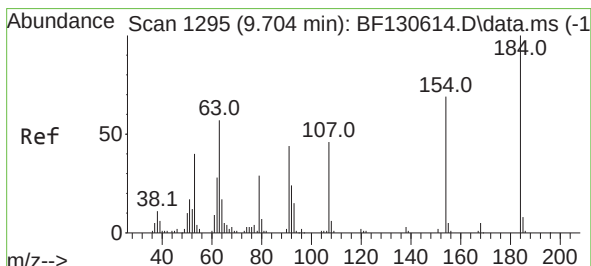
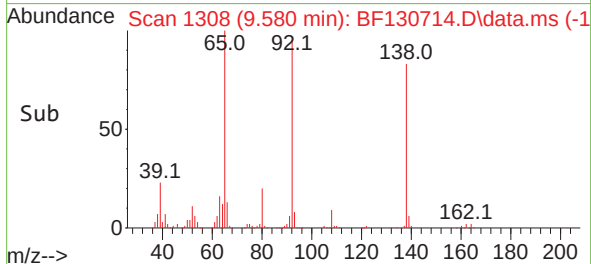
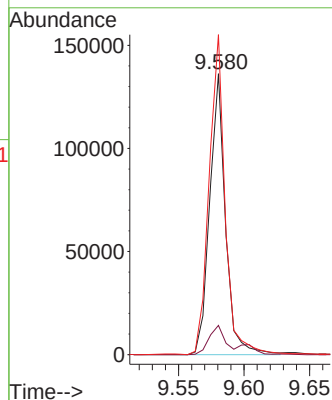
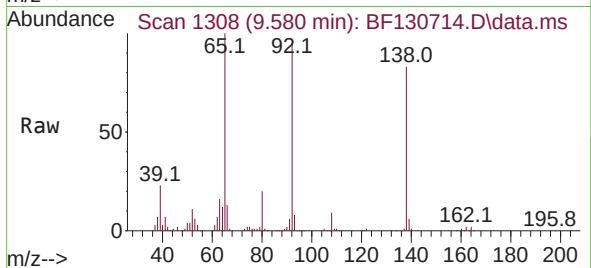
PB148423BS

Tgt Ion:138 Resp: 114278
Ion Ratio Lower Upper
138 100
108 10.4 8.4 12.6
92 113.9 88.2 132.4

Manual Integrations

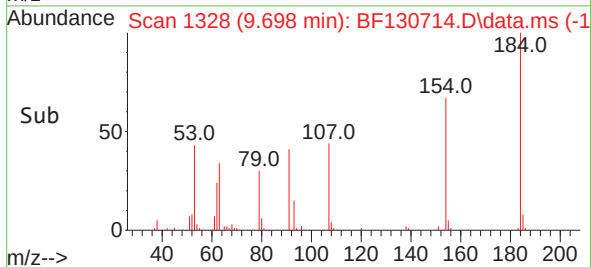
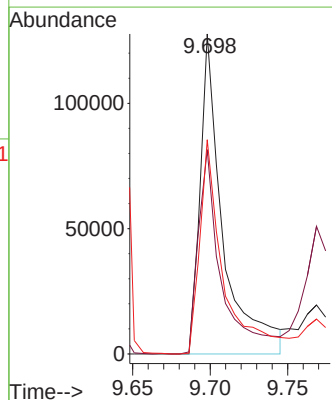
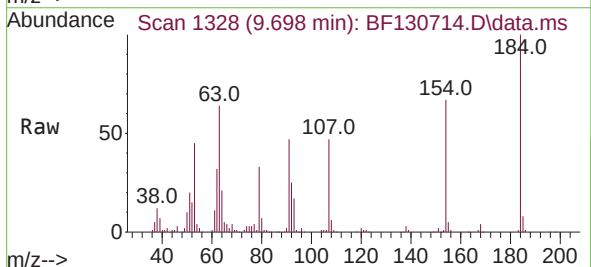
APPROVED

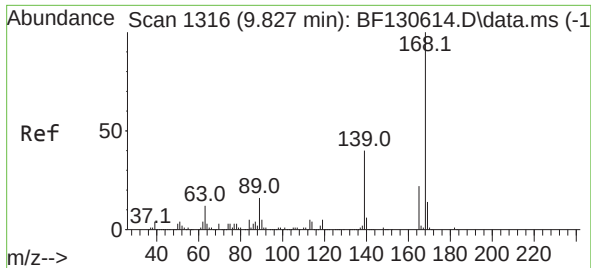
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#54
2,4-Dinitrophenol
Concen: 85.411 ng
RT: 9.698 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

Tgt Ion:184 Resp: 130927
Ion Ratio Lower Upper
184 100
63 63.8 45.5 68.3
154 66.9 55.1 82.7





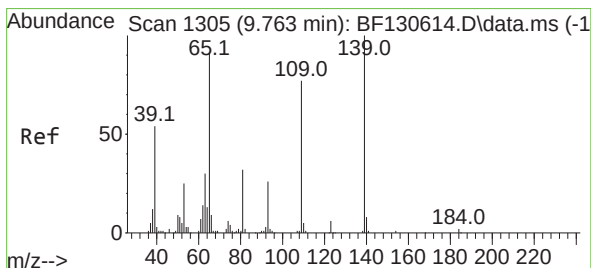
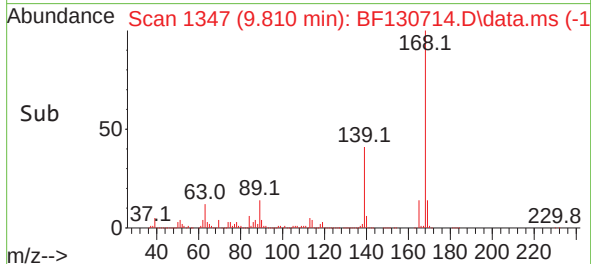
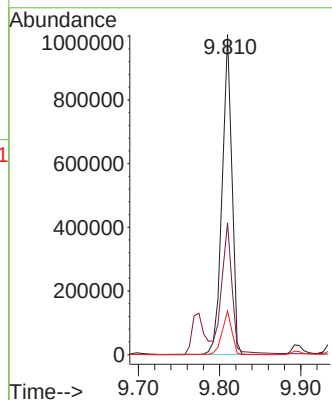
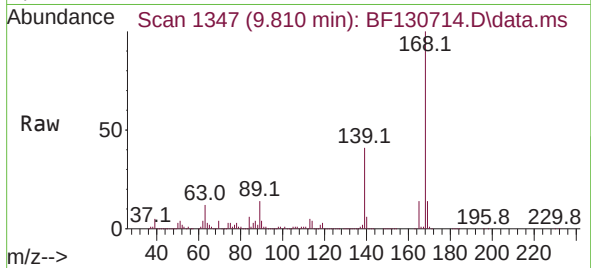
#55
Dibenzenofuran
Concen: 52.027 ng
RT: 9.810 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

Instrument :
BNA_F
ClientSampleId :
PB148423BS

Tgt Ion:168 Resp: 840751
Ion Ratio Lower Upper
168 100
139 41.2 33.0 49.4
169 13.6 10.9 16.3

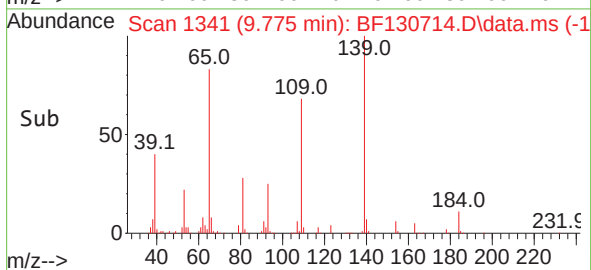
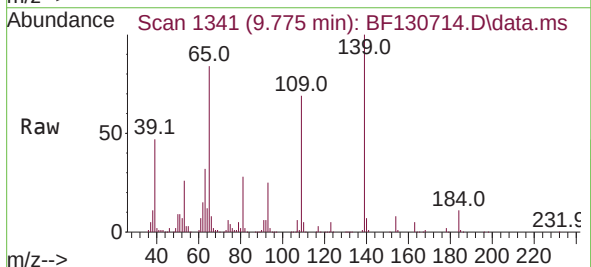
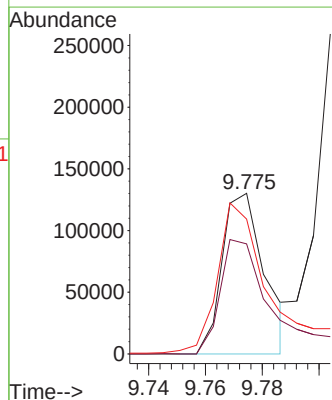
Manual Integrations
APPROVED

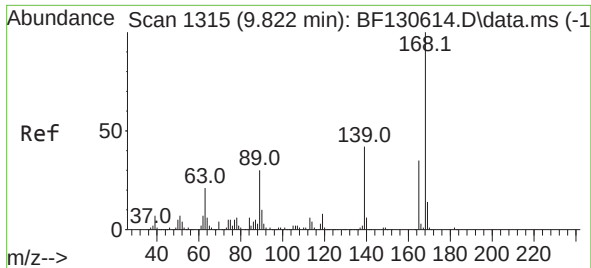
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#56
4-Nitrophenol
Concen: 74.822 ng
RT: 9.775 min Scan# 1341
Delta R.T. 0.018 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

Tgt Ion:139 Resp: 135470
Ion Ratio Lower Upper
139 100
109 68.5 57.4 97.4
65 84.0 71.3 111.3





#57

2,4-Dinitrotoluene

Concen: 55.675 ng

RT: 9.816 min Scan# 1315

Delta R.T. -0.000 min

Lab File: BF130714.D

Acq: 19 Oct 2022 16:55

Instrument :

BNA_F

ClientSampleId :

PB148423BS

Tgt Ion:165 Resp: 21435

Ion Ratio Lower Upper

165 100

63 50.2 50.6 76.0

89 73.2 68.6 102.8

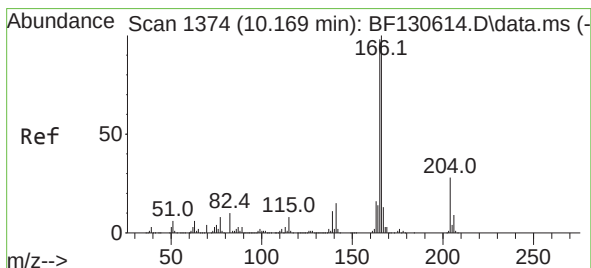
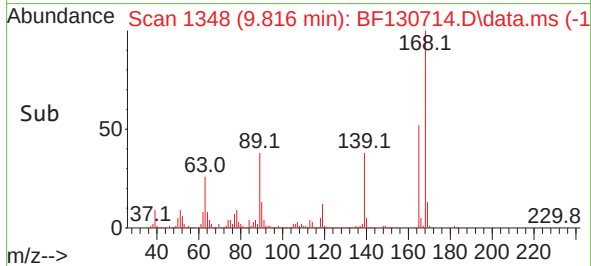
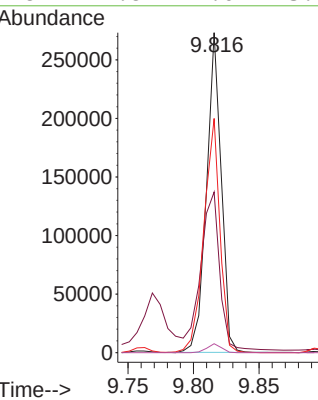
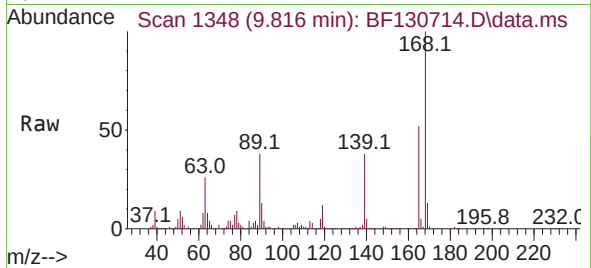
182 2.8 2.0 3.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/20/2022

Supervised By :mohammad ahmed 10/20/2022



#58

Fluorene

Concen: 43.982 ng

RT: 10.151 min Scan# 1405

Delta R.T. -0.006 min

Lab File: BF130714.D

Acq: 19 Oct 2022 16:55

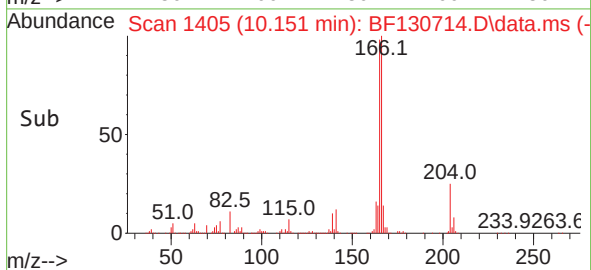
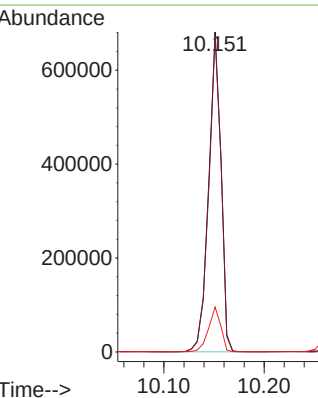
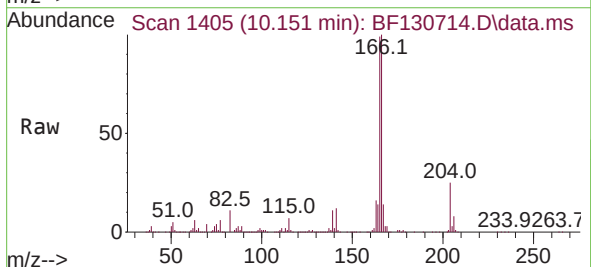
Tgt Ion:166 Resp: 584326

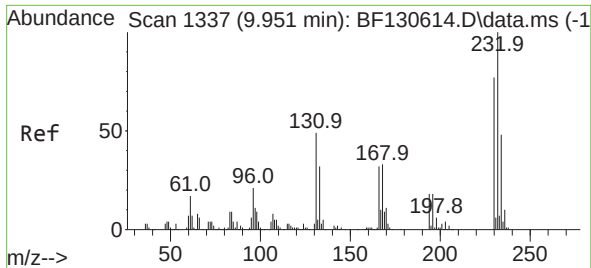
Ion Ratio Lower Upper

166 100

165 98.5 78.2 117.4

167 14.0 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.168 ng
RT: 9.939 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

Instrument :

BNA_F

ClientSampleId :

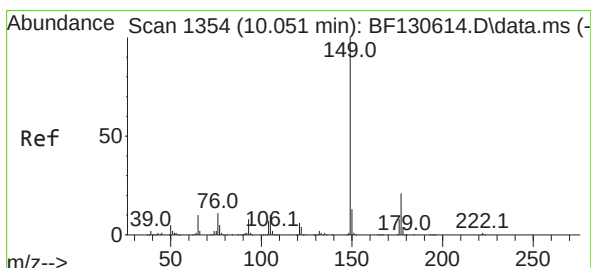
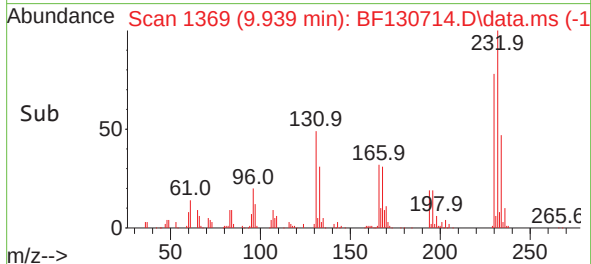
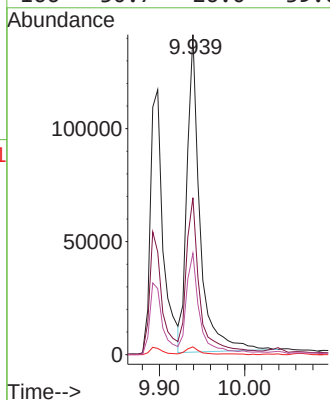
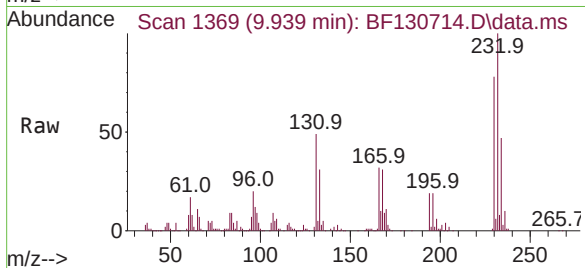
PB148423BS

Tgt Ion:232 Resp: 148624
Ion Ratio Lower Upper
232 100
131 48.7 41.4 62.0
130 2.9 2.1 3.1
166 30.7 26.0 39.0

Manual Integrations

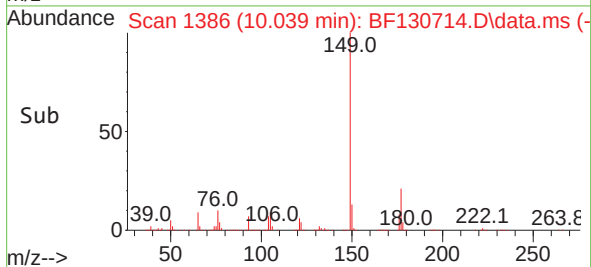
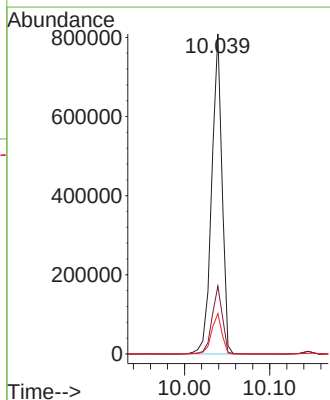
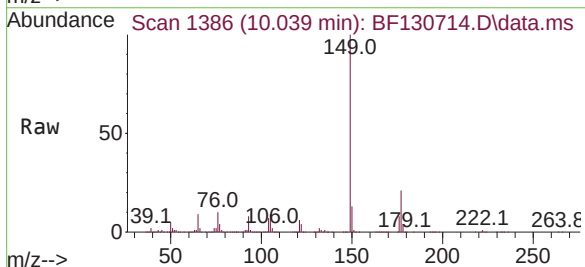
APPROVED

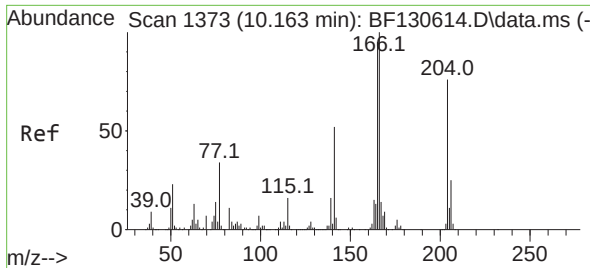
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#60
Diethylphthalate
Concen: 49.743 ng
RT: 10.039 min Scan# 1386
Delta R.T. -0.000 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

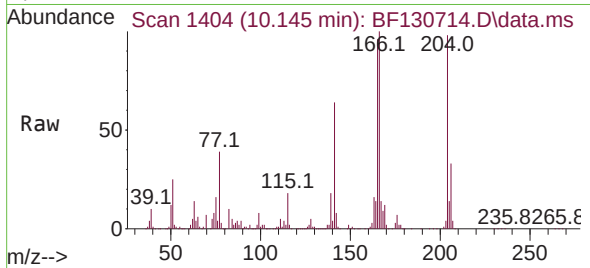
Tgt Ion:149 Resp: 677781
Ion Ratio Lower Upper
149 100
177 21.2 16.7 25.1
150 12.6 10.5 15.7





#61
4-Chlorophenyl-phenylether
Concen: 45.280 ng
RT: 10.145 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

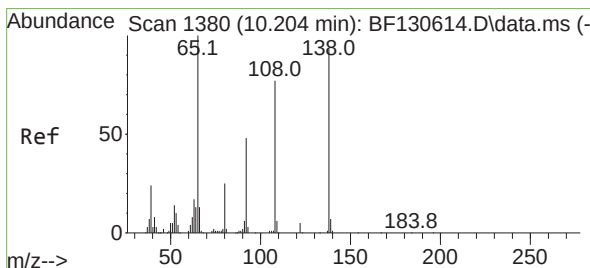
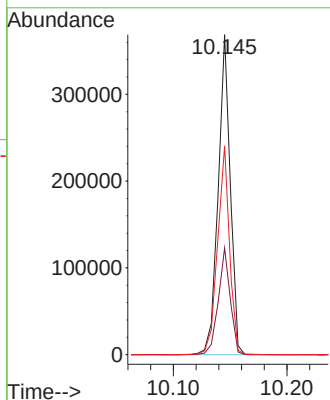
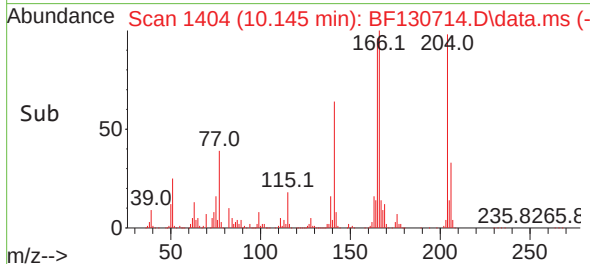
Instrument :
BNA_F
ClientSampleId :
PB148423BS



Tgt Ion:204 Resp: 27197
Ion Ratio Lower Upper
204 100
206 33.3 26.1 39.1
141 65.2 54.6 81.8

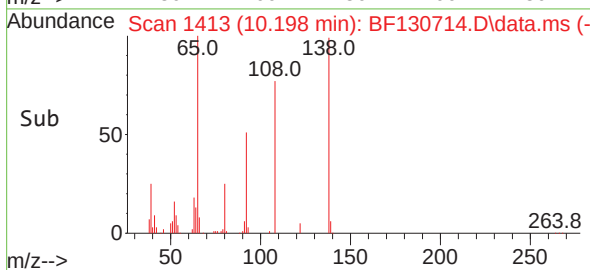
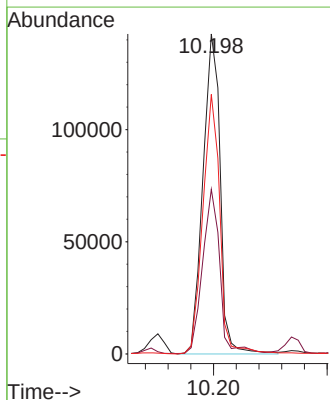
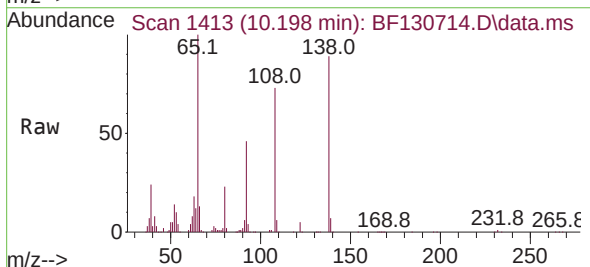
Manual Integrations
APPROVED

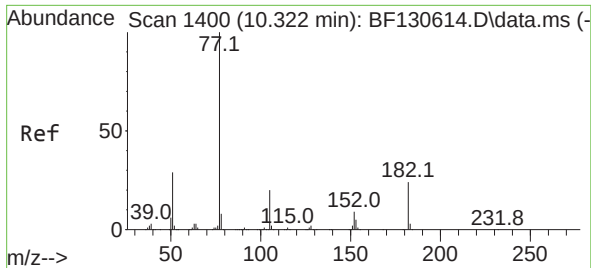
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#62
4-Nitroaniline
Concen: 47.993 ng
RT: 10.198 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

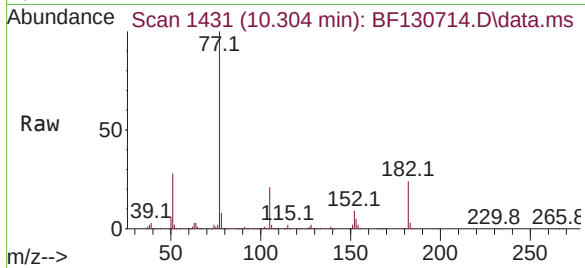
Tgt Ion:138 Resp: 150466
Ion Ratio Lower Upper
138 100
92 51.4 31.1 71.1
108 81.1 62.1 102.1





#63
Azobenzene
Concen: 48.001 ng
RT: 10.304 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

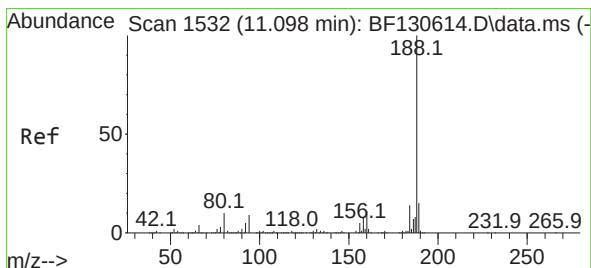
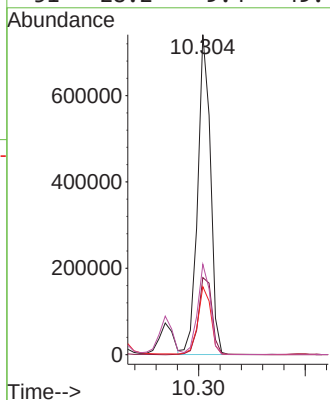
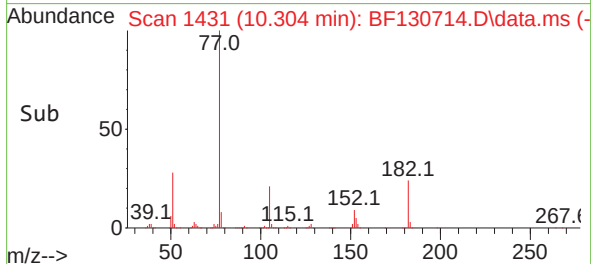
Instrument :
BNA_F
ClientSampleId :
PB148423BS



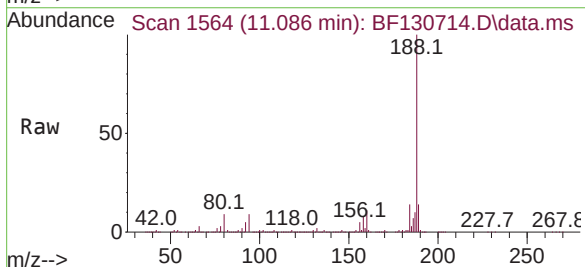
Tgt Ion: 77 Resp: 616032
Ion Ratio Lower Upper
77 100
182 24.1 3.8 43.8
105 21.2 0.3 40.3
51 28.2 9.4 49.4

Manual Integrations
APPROVED

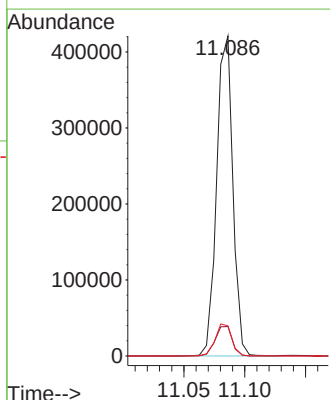
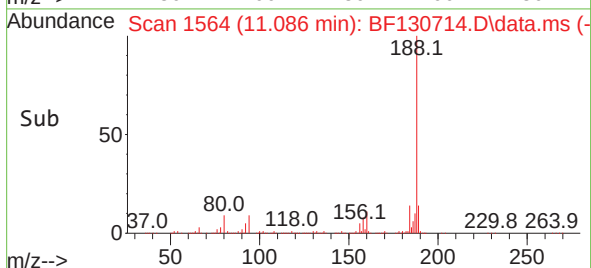
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022

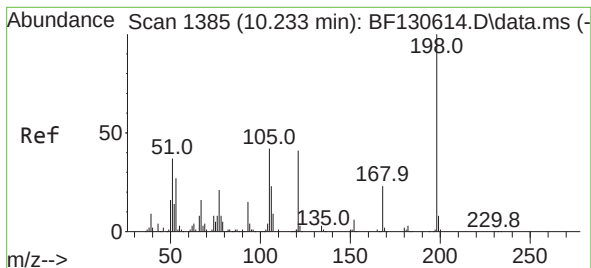


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.086 min Scan# 1564
Delta R.T. -0.000 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55



Tgt Ion:188 Resp: 389333
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 9.4 8.0 12.0





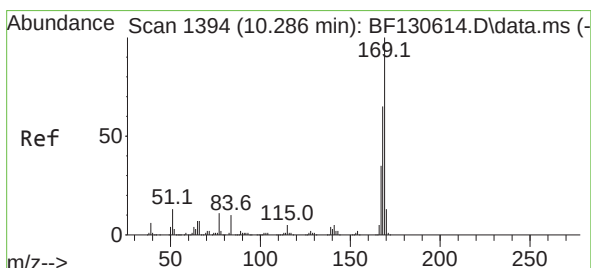
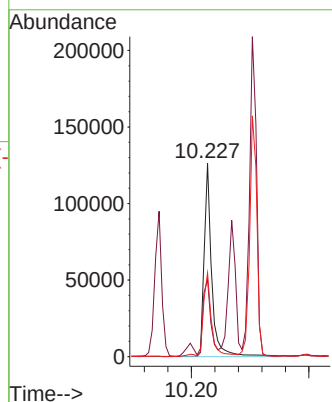
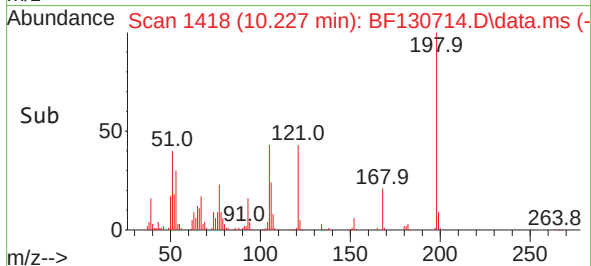
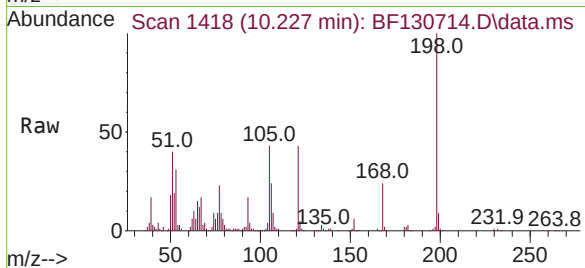
#65
4,6-Dinitro-2-methylphenol
Concen: 46.133 ng
RT: 10.227 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

Instrument :
BNA_F
ClientSampleId :
PB148423BS

Tgt Ion:198 Resp: 112244
Ion Ratio Lower Upper
198 100
51 39.8 18.7 58.7
105 43.2 22.0 62.0

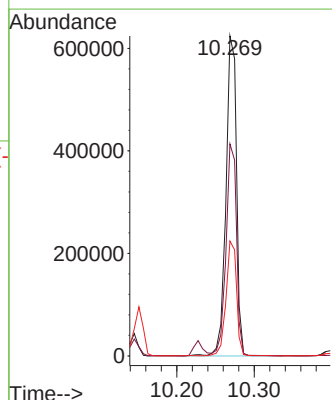
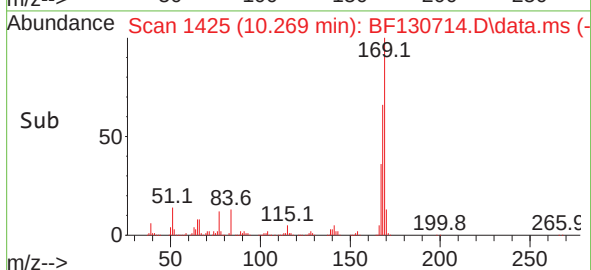
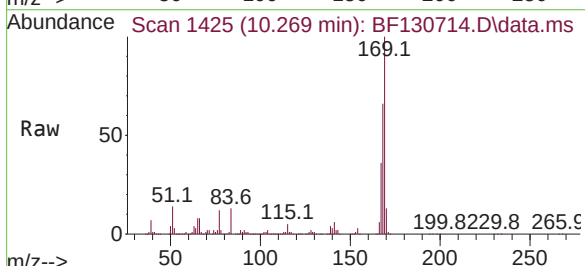
Manual Integrations
APPROVED

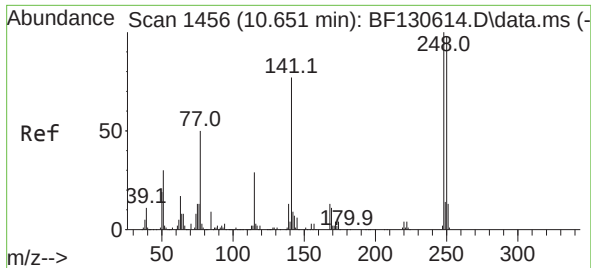
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#66
n-Nitrosodiphenylamine
Concen: 45.522 ng
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

Tgt Ion:169 Resp: 589544
Ion Ratio Lower Upper
169 100
168 66.2 52.2 78.4
167 35.9 28.3 42.5





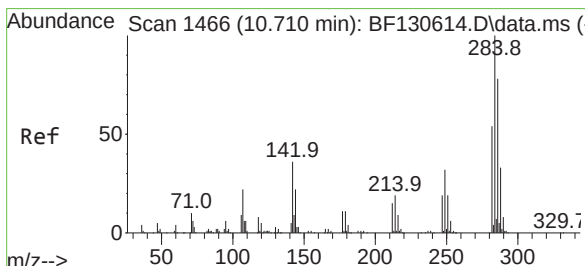
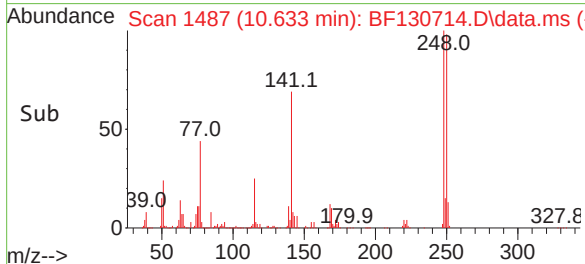
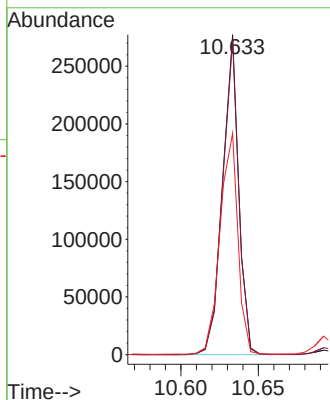
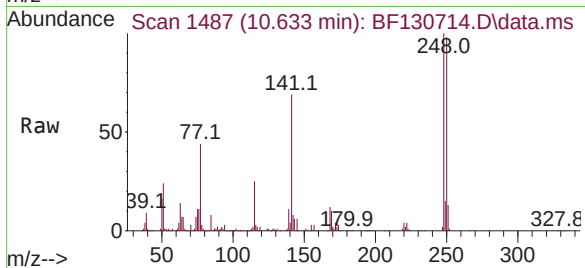
#67
4-Bromophenyl-phenylether
Concen: 46.054 ng
RT: 10.633 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

Instrument :
BNA_F
ClientSampleId :
PB148423BS

Tgt Ion:248 Resp: 202881
Ion Ratio Lower Upper
248 100
250 98.3 78.7 118.1
141 69.1 61.6 92.4

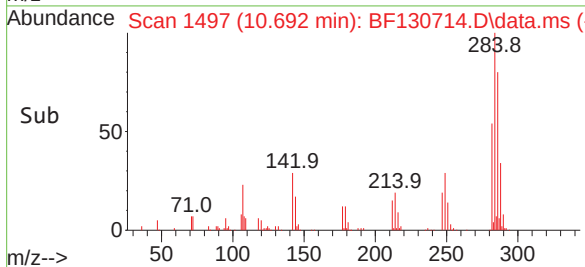
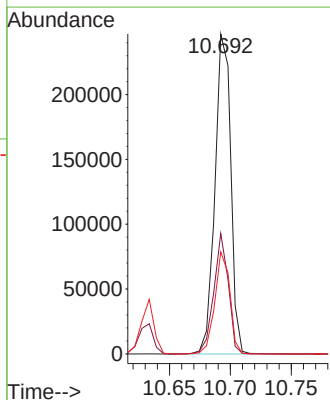
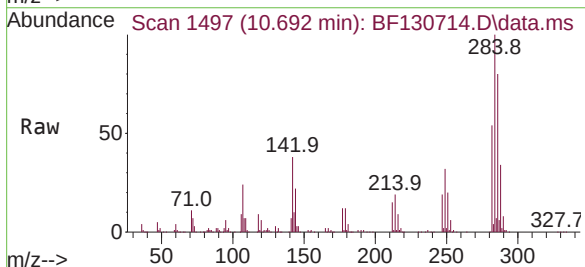
Manual Integrations
APPROVED

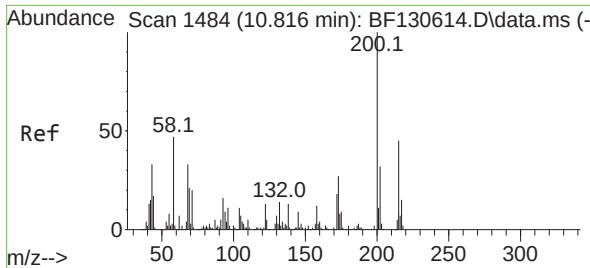
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#68
Hexachlorobenzene
Concen: 44.613 ng
RT: 10.692 min Scan# 1497
Delta R.T. -0.006 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

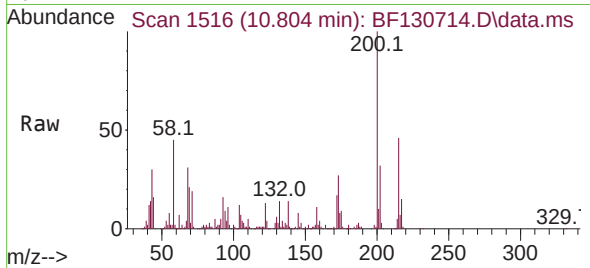
Tgt Ion:284 Resp: 222165
Ion Ratio Lower Upper
284 100
142 37.6 28.6 42.8
249 31.9 25.2 37.8





#69
 Atrazine
 Concen: 47.500 ng
 RT: 10.804 min Scan# 1516
 Delta R.T. -0.000 min
 Lab File: BF130714.D
 Acq: 19 Oct 2022 16:55

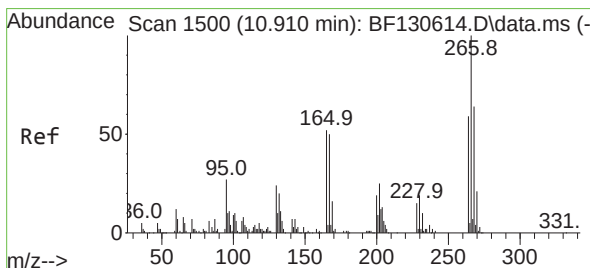
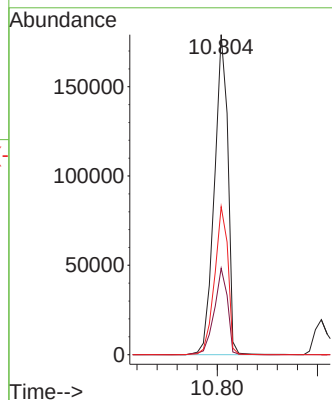
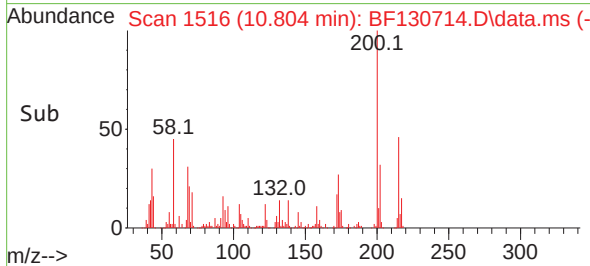
Instrument :
 BNA_F
 ClientSampleId :
 PB148423BS



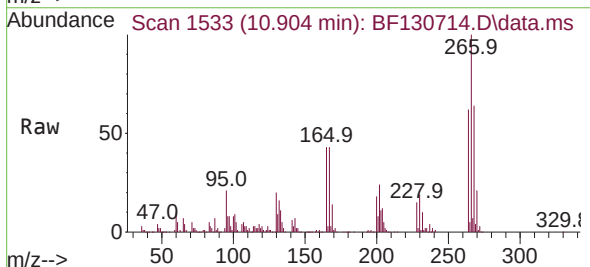
Tgt Ion:200 Resp: 167512
 Ion Ratio Lower Upper
 200 100
 173 27.0 7.1 47.1
 215 46.2 24.9 64.9

Manual Integrations
 APPROVED

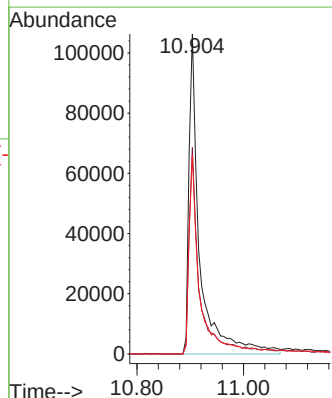
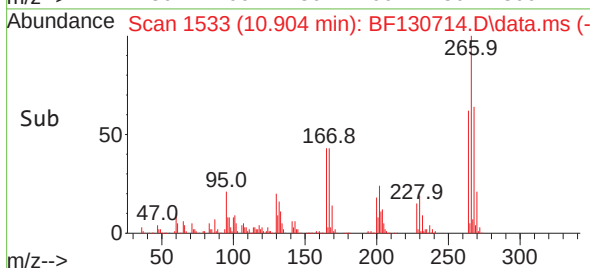
Reviewed By :Christian Giraldo 10/20/2022
 Supervised By :mohammad ahmed 10/20/2022

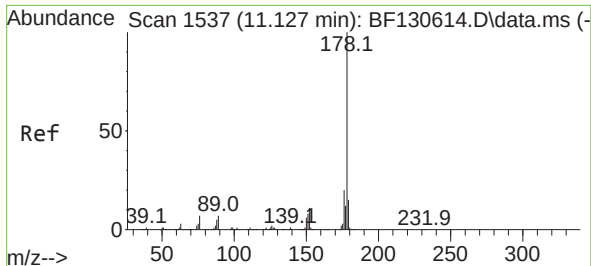


#70
 Pentachlorophenol
 Concen: 77.067 ng
 RT: 10.904 min Scan# 1533
 Delta R.T. -0.000 min
 Lab File: BF130714.D
 Acq: 19 Oct 2022 16:55



Tgt Ion:266 Resp: 149368
 Ion Ratio Lower Upper
 266 100
 268 64.5 50.8 76.2
 264 62.1 47.5 71.3





#71
Phenanthrene
Concen: 43.255 ng
RT: 11.110 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

Instrument :

BNA_F

ClientSampleId :

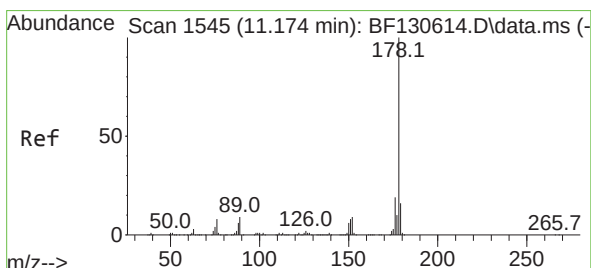
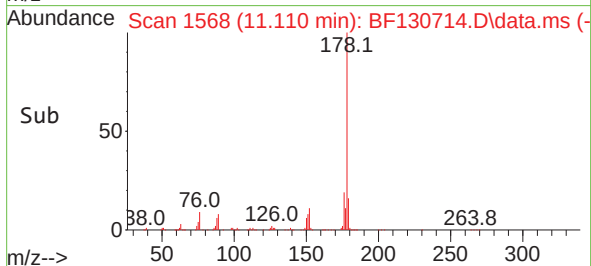
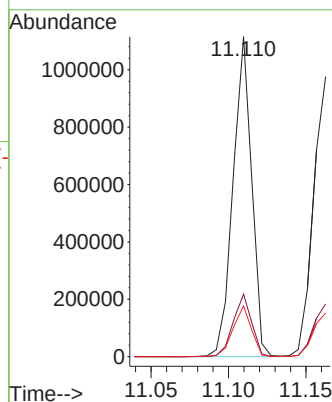
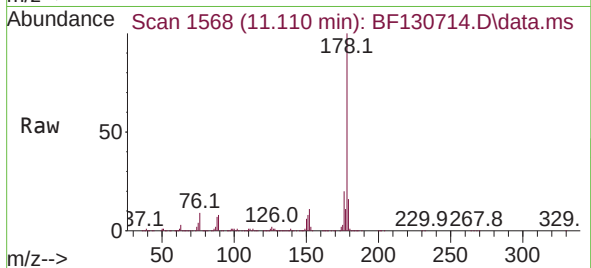
PB148423BS

Tgt Ion:178 Resp: 933023
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.8 12.2 18.4

Manual Integrations

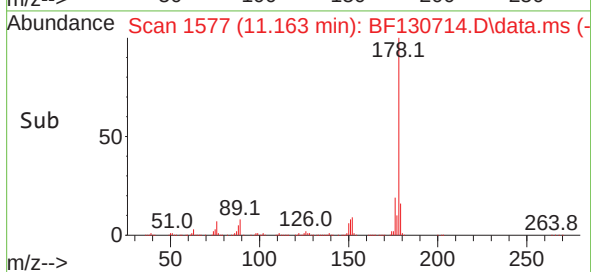
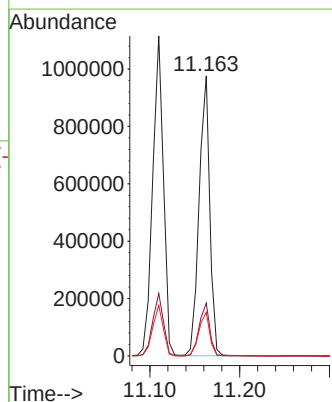
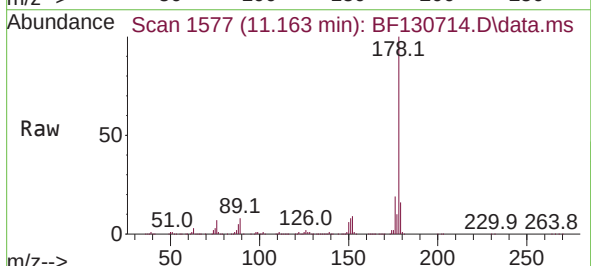
APPROVED

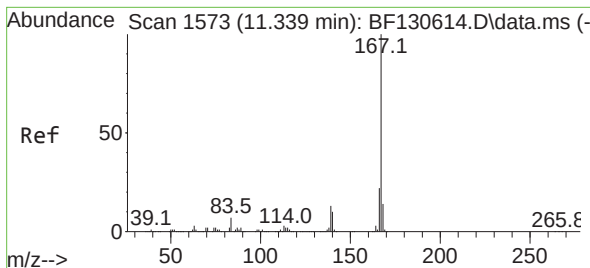
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#72
Anthracene
Concen: 38.287 ng
RT: 11.163 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

Tgt Ion:178 Resp: 806569
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.5 12.5 18.7





#73

Carbazole

Concen: 40.220 ng

RT: 11.327 min Scan# 1605

Delta R.T. -0.000 min

Lab File: BF130714.D

Acq: 19 Oct 2022 16:55

Instrument :

BNA_F

ClientSampleId :

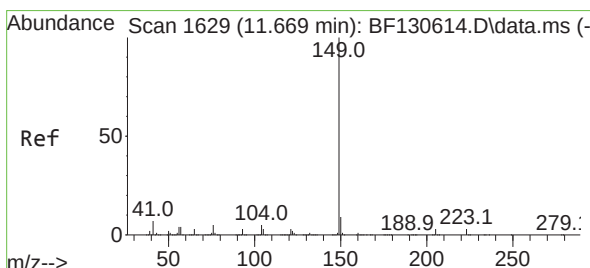
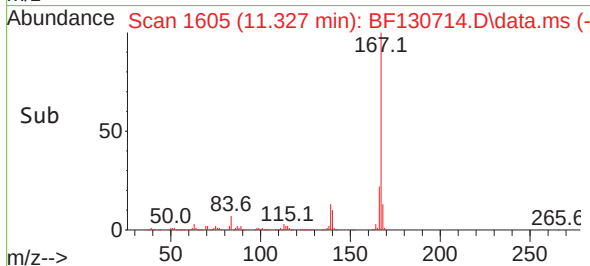
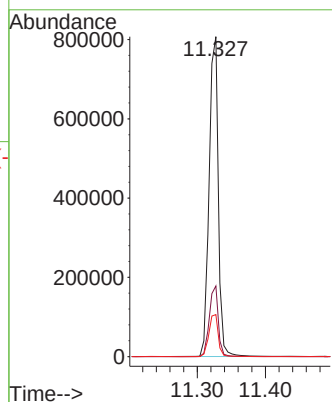
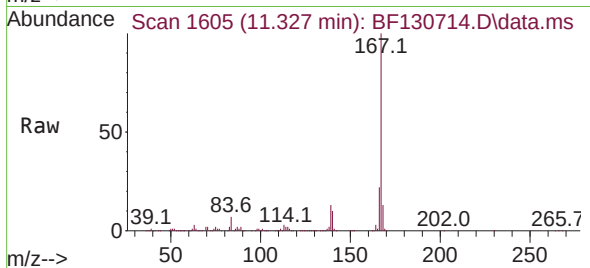
PB148423BS

Tgt Ion:	167	Resp:	756062
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.3	25.9
139	13.1	10.7	16.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#74

Di-n-butylphthalate

Concen: 39.004 ng

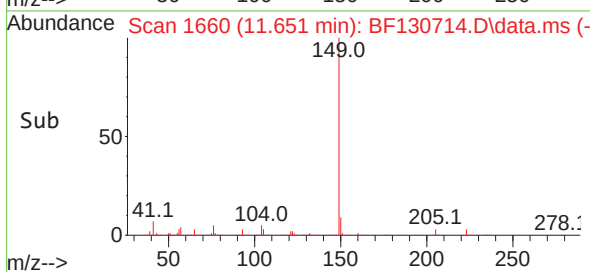
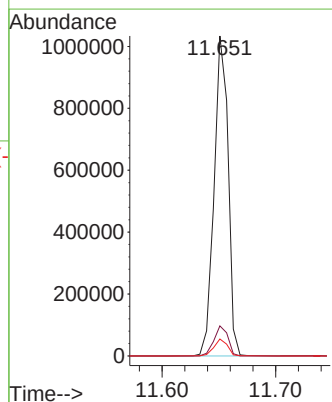
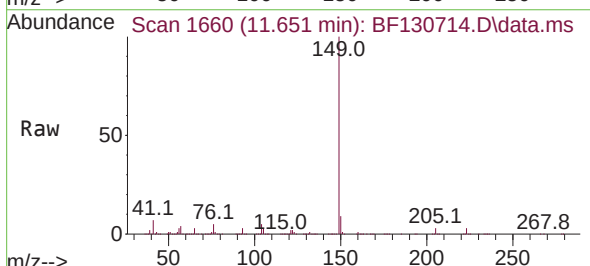
RT: 11.651 min Scan# 1660

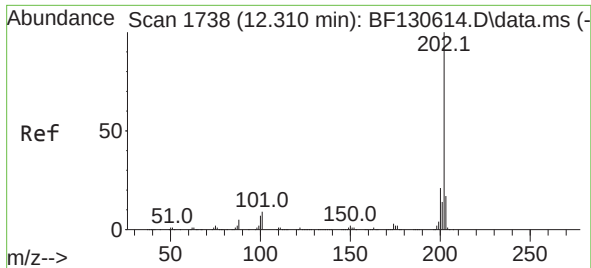
Delta R.T. -0.006 min

Lab File: BF130714.D

Acq: 19 Oct 2022 16:55

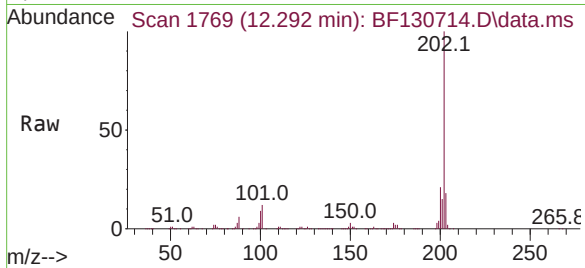
Tgt Ion:	149	Resp:	888142
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.5	11.3
104	5.3	4.2	6.2





#75
Fluoranthene
Concen: 46.269 ng
RT: 12.292 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

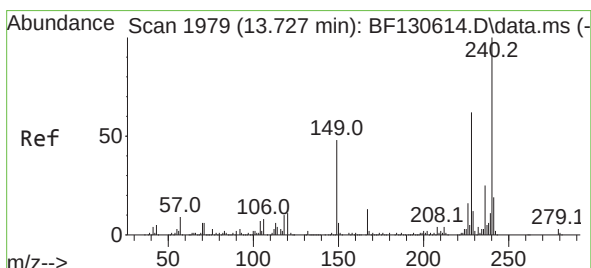
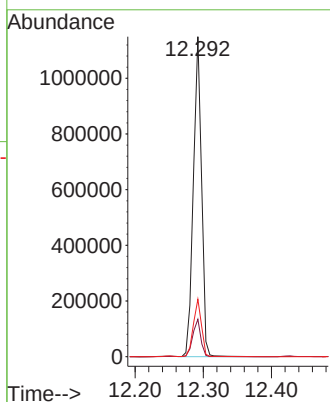
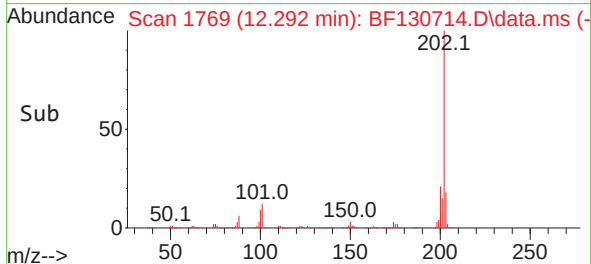
Instrument :
BNA_F
ClientSampleId :
PB148423BS



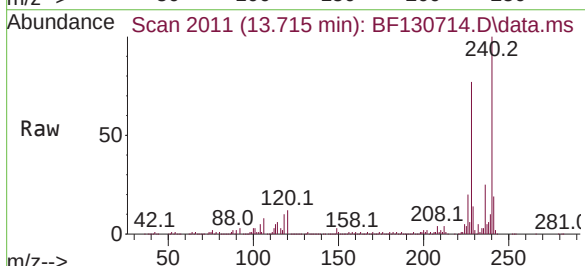
Tgt Ion:202 Resp: 959214
Ion Ratio Lower Upper
202 100
101 11.7 0.0 29.1
203 17.9 0.0 37.3

Manual Integrations
APPROVED

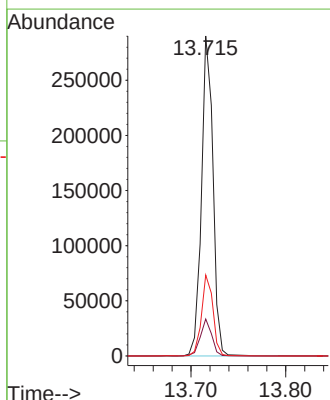
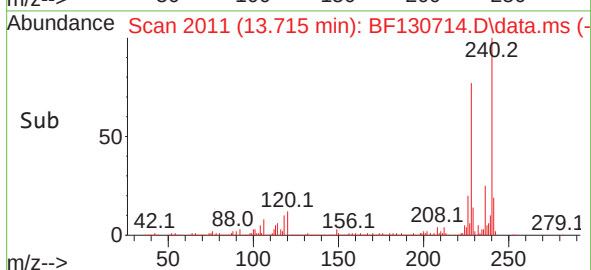
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022

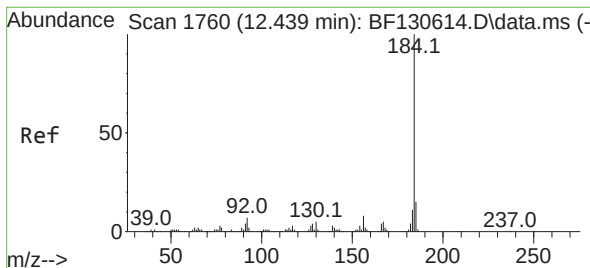


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.715 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55



Tgt Ion:240 Resp: 244568
Ion Ratio Lower Upper
240 100
120 11.5 8.6 13.0
236 25.3 20.2 30.4





#77

Benzidine

Concen: 49.380 ng

RT: 12.427 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF130714.D

Acq: 19 Oct 2022 16:55

Instrument :

BNA_F

ClientSampleId :

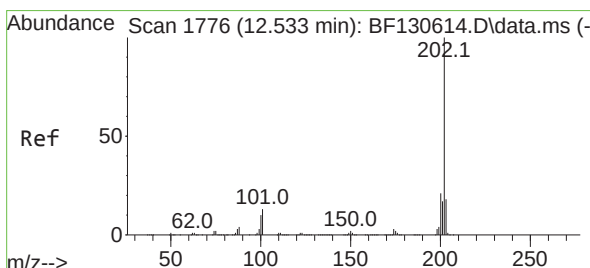
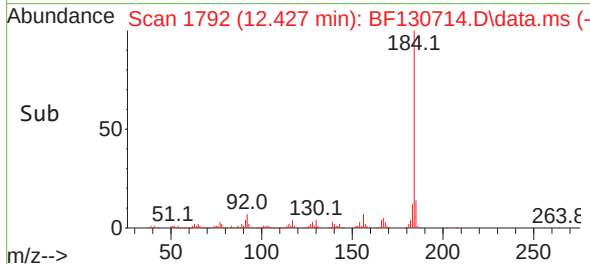
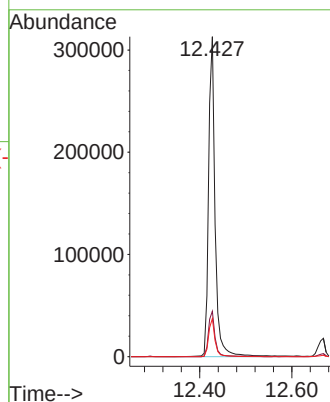
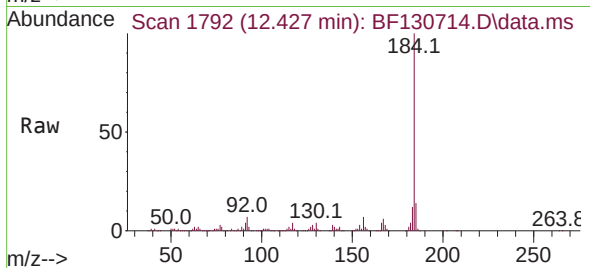
PB148423BS

Tgt Ion:184	Resp: 305258
Ion Ratio	Lower Upper
184	100
185	14.2 12.0 18.0
183	11.9 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#78

Pyrene

Concen: 45.786 ng

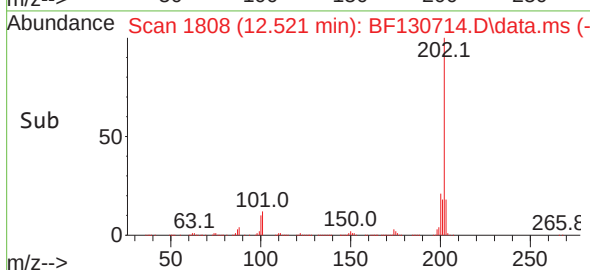
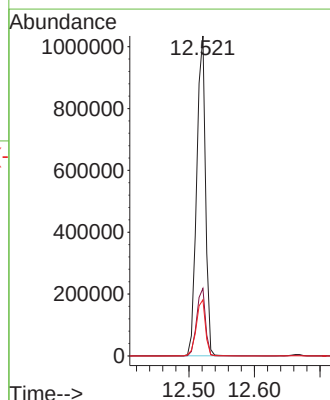
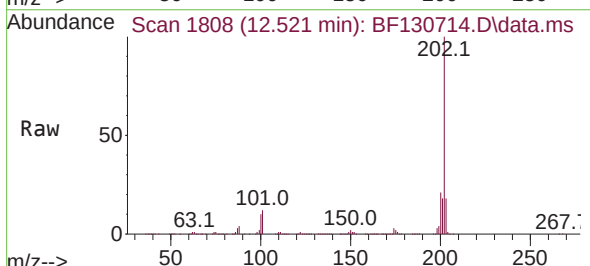
RT: 12.521 min Scan# 1808

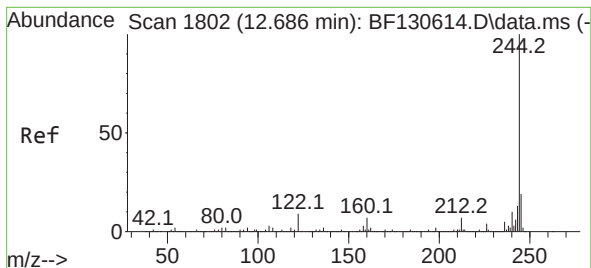
Delta R.T. -0.000 min

Lab File: BF130714.D

Acq: 19 Oct 2022 16:55

Tgt Ion:202	Resp: 966032
Ion Ratio	Lower Upper
202	100
200	21.1 16.7 25.1
203	17.5 14.0 21.0





#79

Terphenyl-d14

Concen: 88.737 ng

RT: 12.668 min Scan# 1802

Delta R.T. -0.006 min

Lab File: BF130714.D

Acq: 19 Oct 2022 16:55

Instrument :

BNA_F

ClientSampleId :

PB148423BS

Tgt Ion:244 Resp: 130757

Ion Ratio Lower Upper

244 100

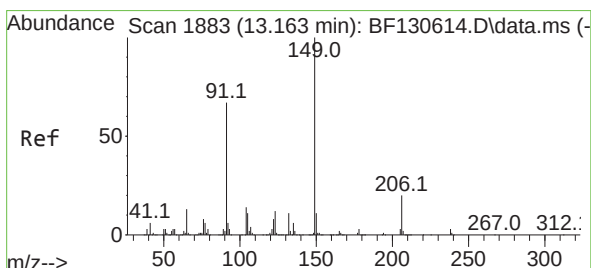
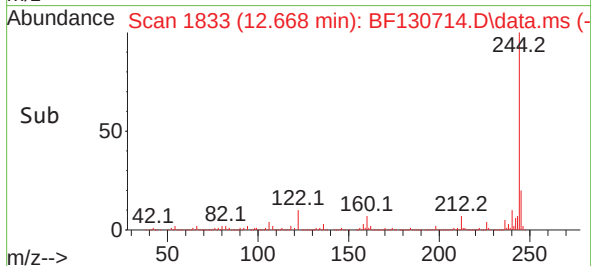
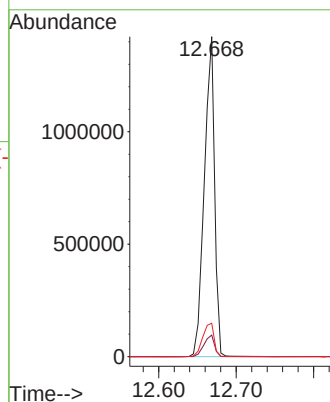
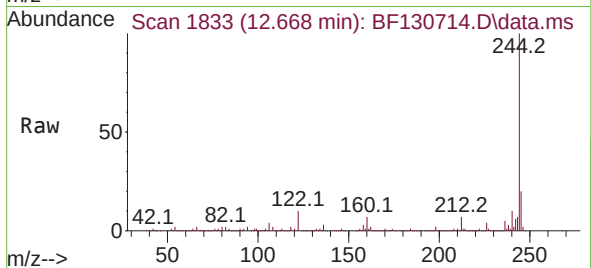
212 6.7 5.4 8.0

122 10.4 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#80

Butylbenzylphthalate

Concen: 40.985 ng

RT: 13.145 min Scan# 1914

Delta R.T. -0.006 min

Lab File: BF130714.D

Acq: 19 Oct 2022 16:55

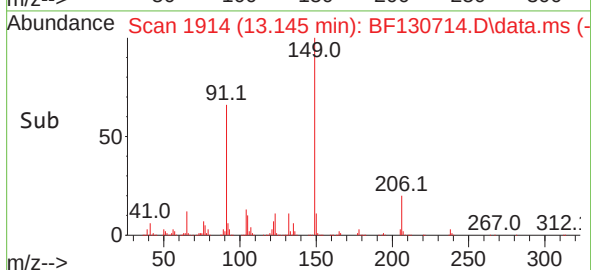
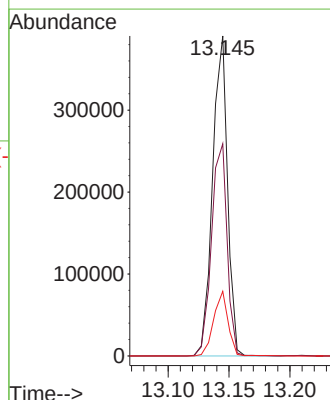
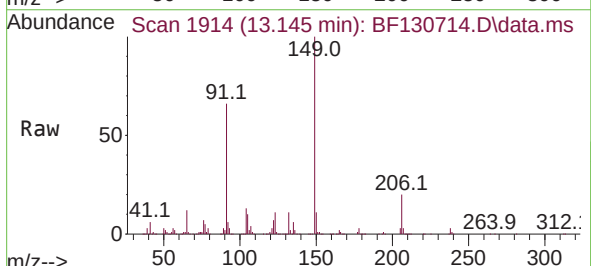
Tgt Ion:149 Resp: 332515

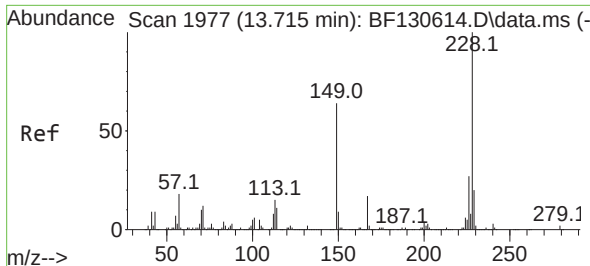
Ion Ratio Lower Upper

149 100

91 66.3 53.8 80.8

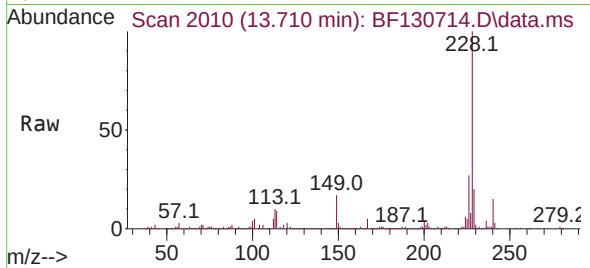
206 20.2 15.8 23.6





#81
Benzo(a)anthracene
Concen: 43.004 ng
RT: 13.710 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

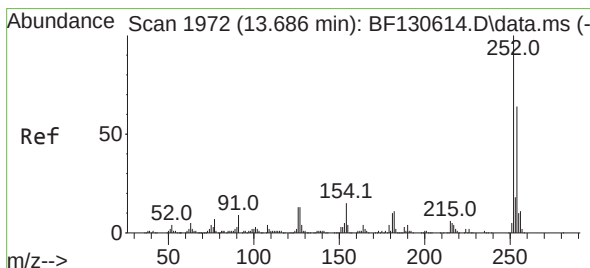
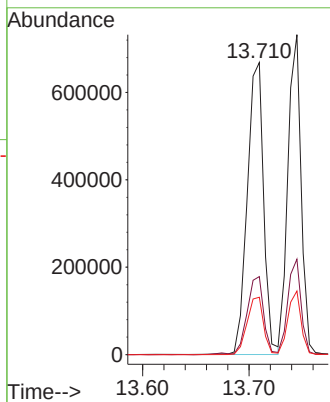
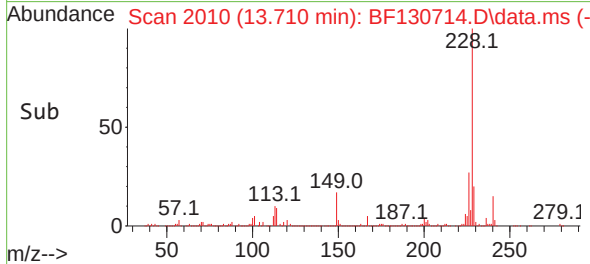
Instrument :
BNA_F
ClientSampleId :
PB148423BS



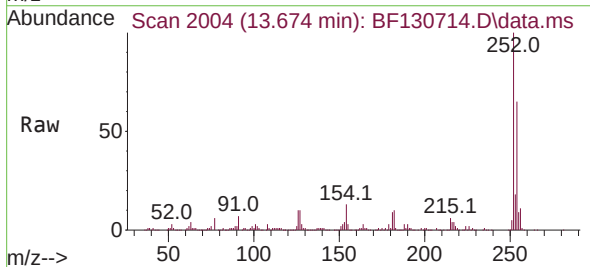
Tgt Ion:228 Resp: 708674
Ion Ratio Lower Upper
228 100
226 26.7 21.4 32.2
229 19.6 15.8 23.8

Manual Integrations
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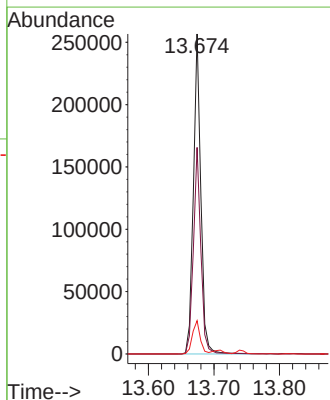
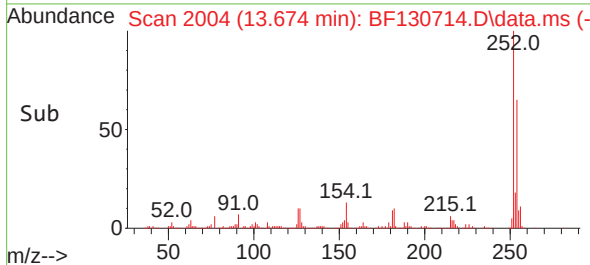
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022

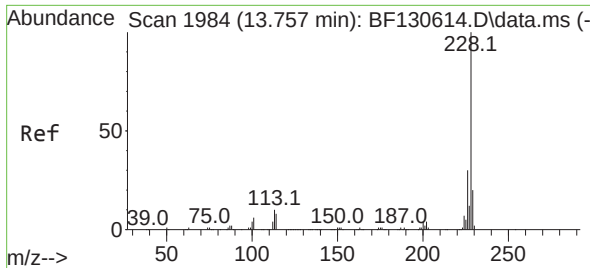


#82
3,3'-Dichlorobenzidine
Concen: 42.571 ng
RT: 13.674 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55



Tgt Ion:252 Resp: 202726
Ion Ratio Lower Upper
252 100
254 64.5 50.9 76.3
126 10.4 10.2 15.4





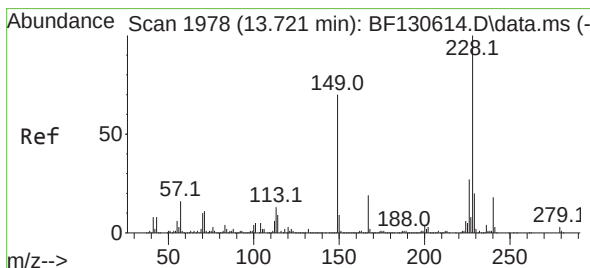
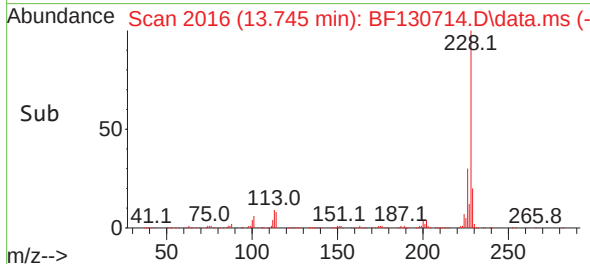
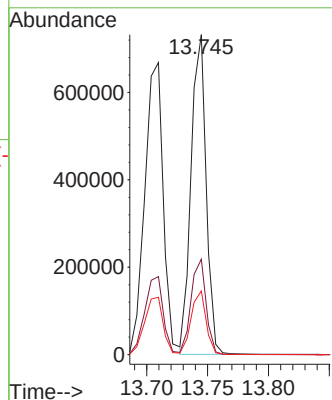
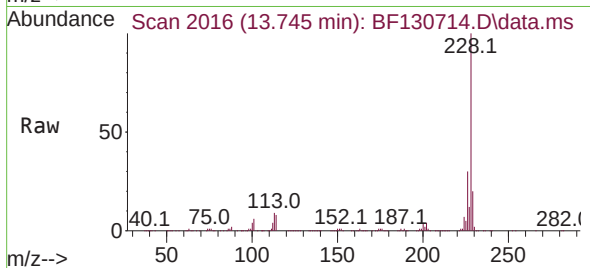
#83
Chrysene
Concen: 40.358 ng
RT: 13.745 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

Instrument :
BNA_F
ClientSampleId :
PB148423BS

Tgt Ion:228 Resp: 630583
Ion Ratio Lower Upper
228 100
226 29.8 23.9 35.9
229 19.9 15.9 23.9

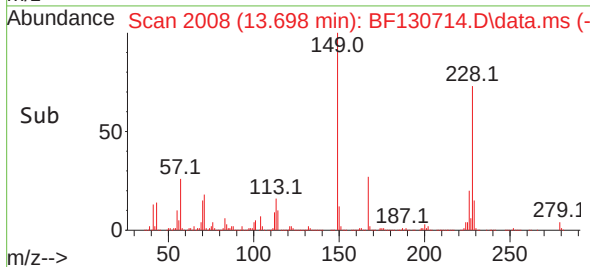
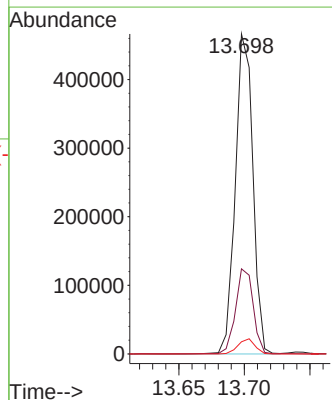
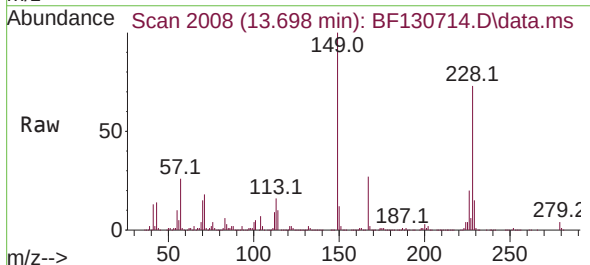
Manual Integrations
APPROVED

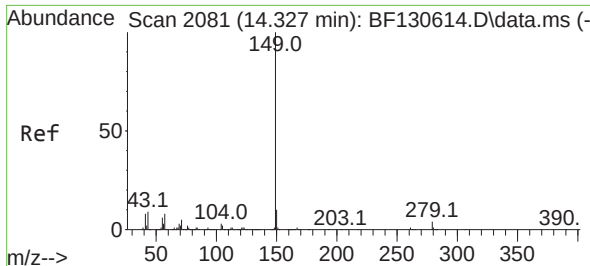
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.088 ng
RT: 13.698 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

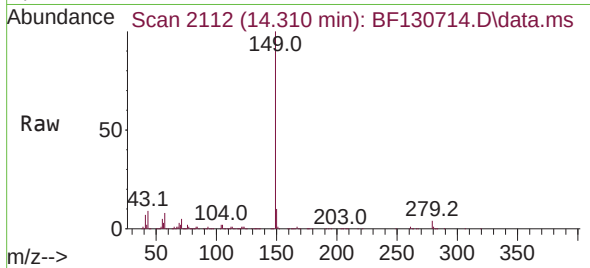
Tgt Ion:149 Resp: 433642
Ion Ratio Lower Upper
149 100
167 26.6 21.9 32.9
279 3.8 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 34.127 ng
RT: 14.310 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

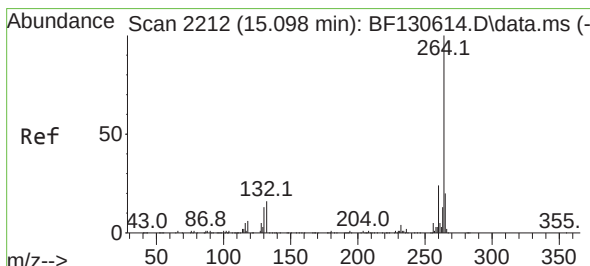
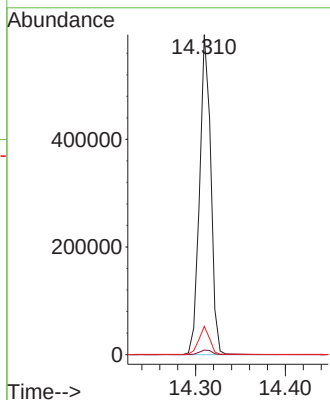
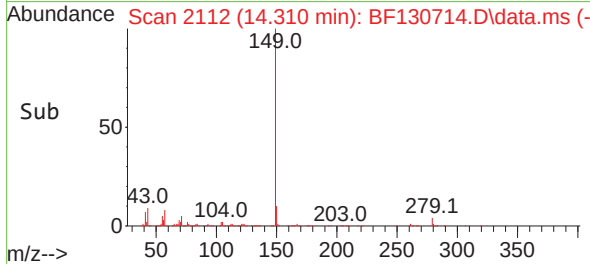
Instrument :
BNA_F
ClientSampleId :
PB148423BS



Tgt Ion:149 Resp: 514074
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.4 7.2 10.8

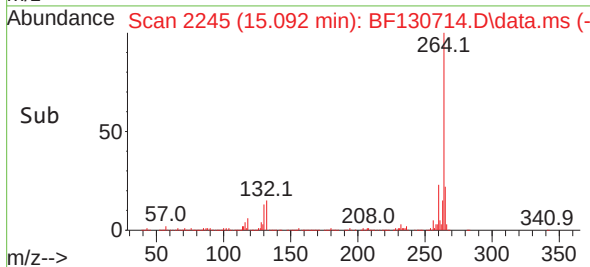
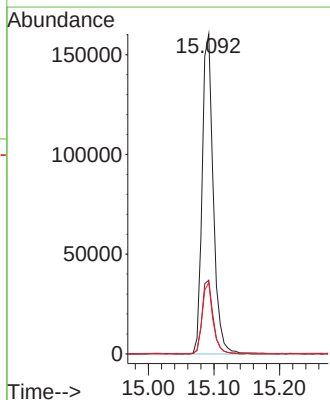
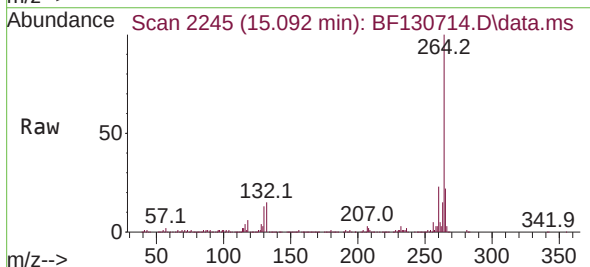
Manual Integrations
APPROVED

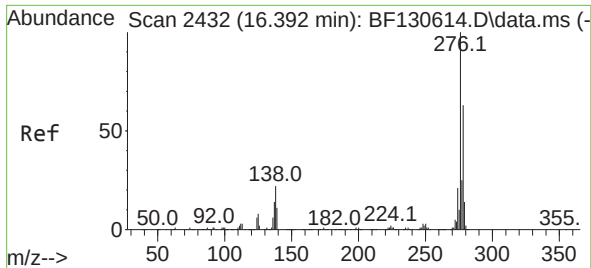
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.092 min Scan# 2245
Delta R.T. 0.006 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

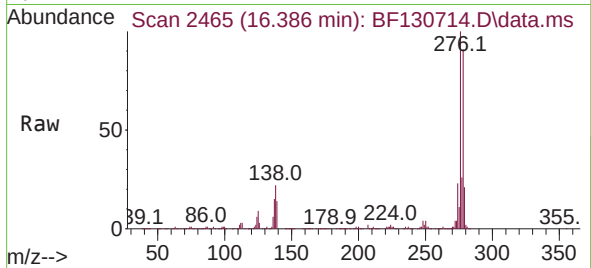
Tgt Ion:264 Resp: 187546
Ion Ratio Lower Upper
264 100
260 23.1 19.1 28.7
265 22.3 16.4 24.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 39.341 ng
RT: 16.386 min Scan# 2432
Delta R.T. 0.006 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

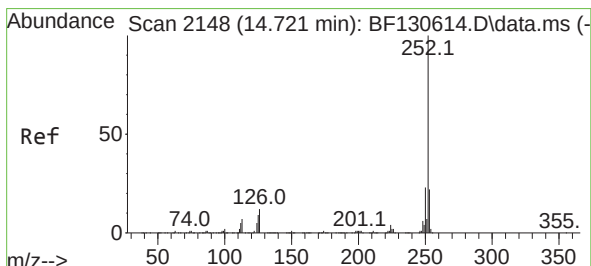
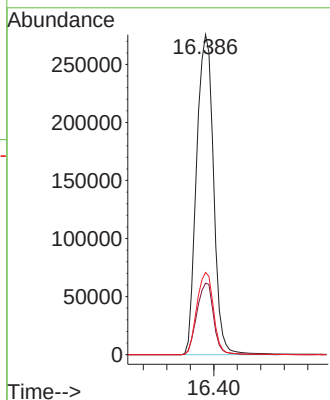
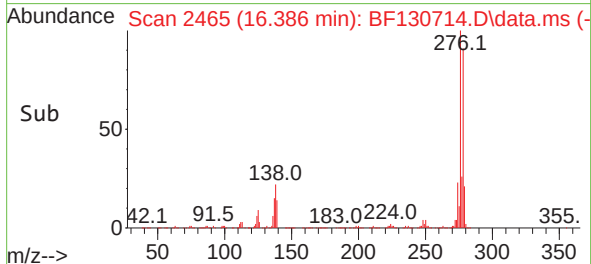
Instrument :
BNA_F
ClientSampleId :
PB148423BS



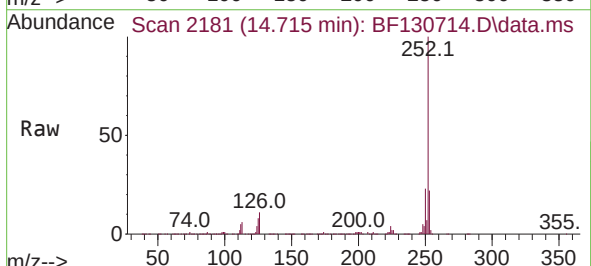
Tgt Ion:276 Resp: 552230
Ion Ratio Lower Upper
276 100
138 22.0 18.0 27.0
277 25.3 20.0 30.0

Manual Integrations
APPROVED

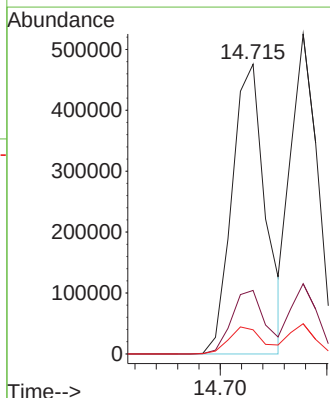
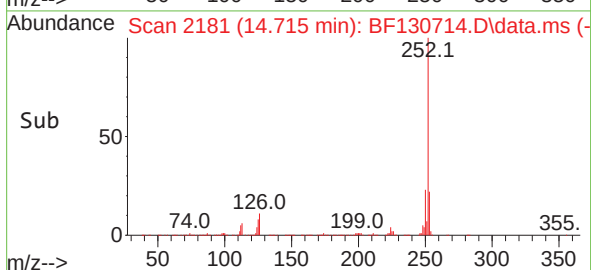
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022

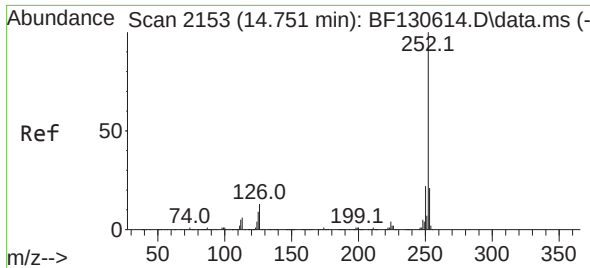


#88
Benzo(b)fluoranthene
Concen: 43.743 ng
RT: 14.715 min Scan# 2181
Delta R.T. -0.000 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55



Tgt Ion:252 Resp: 519479
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 8.3 7.4 11.0





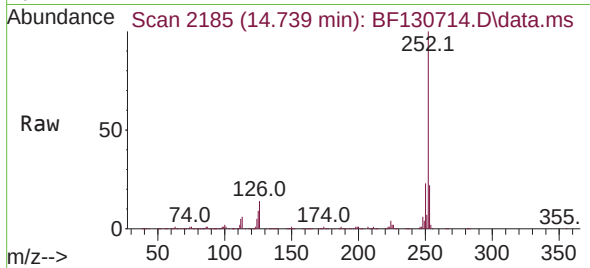
#89
Benzo(k)fluoranthene
Concen: 38.315 ng
RT: 14.739 min Scan# 2153
Delta R.T. -0.000 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

Instrument :

BNA_F

ClientSampleId :

PB148423BS

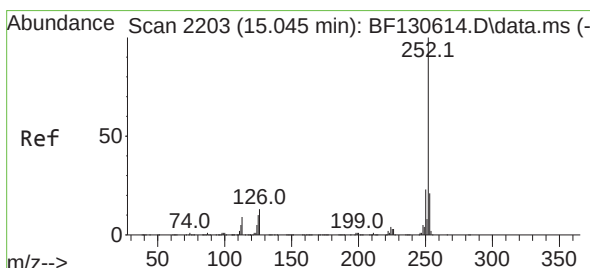
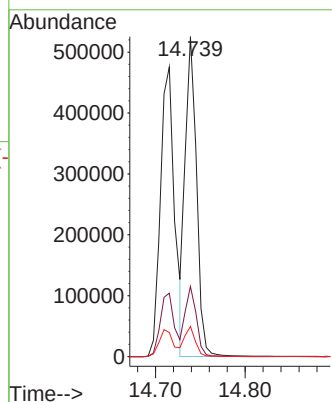
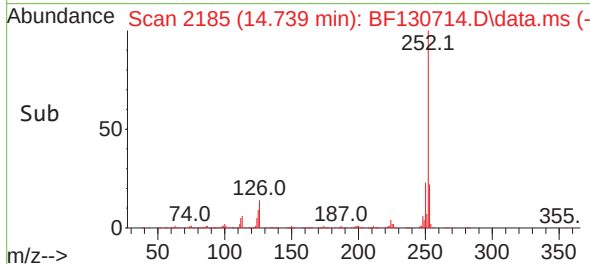


Tgt Ion:252 Resp: 463315
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.4
125 9.4 7.2 10.8

Manual Integrations

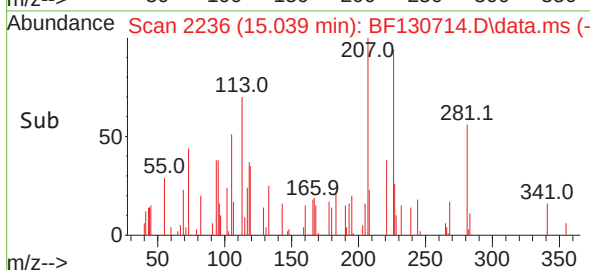
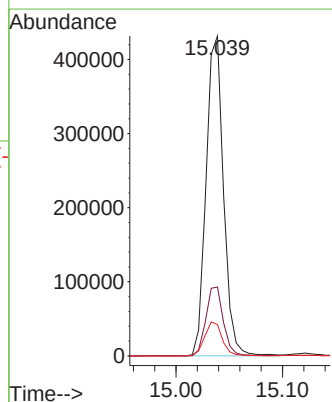
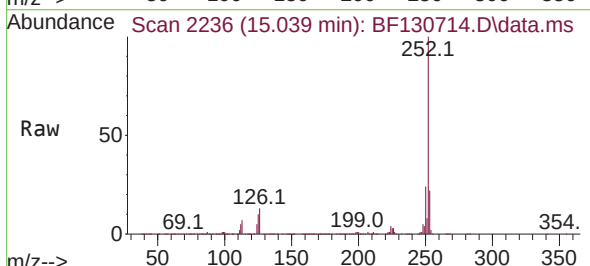
APPROVED

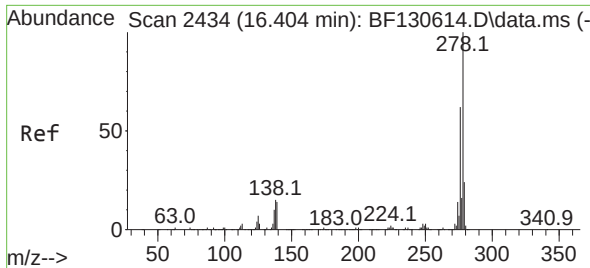
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#90
Benzo(a)pyrene
Concen: 49.517 ng
RT: 15.039 min Scan# 2236
Delta R.T. -0.000 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

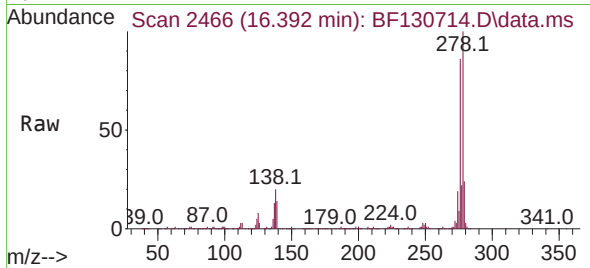
Tgt Ion:252 Resp: 489424
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 9.8 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 41.909 ng
RT: 16.392 min Scan# 2434
Delta R.T. -0.000 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55

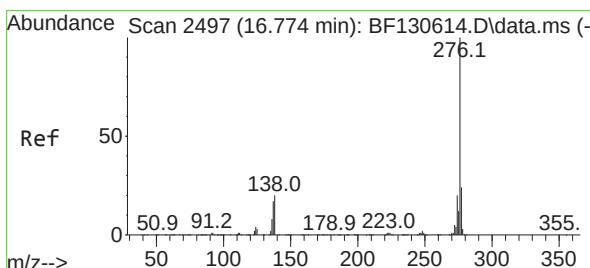
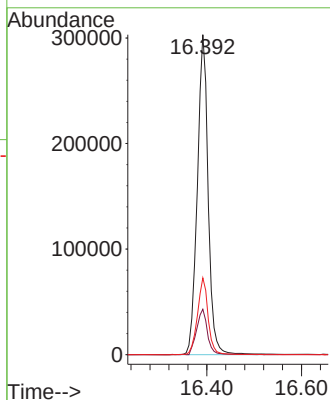
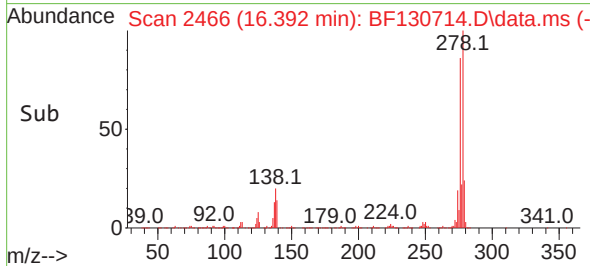
Instrument :
BNA_F
ClientSampleId :
PB148423BS



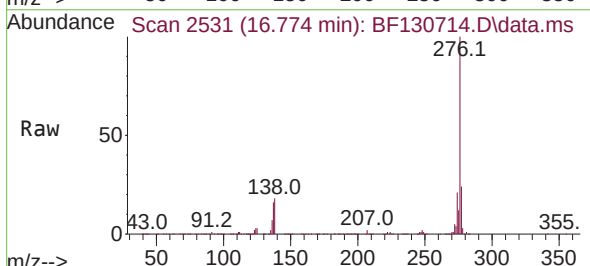
Tgt Ion:278 Resp: 482211
Ion Ratio Lower Upper
278 100
139 14.2 11.1 16.7
279 24.0 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#92
Benzo(g,h,i)perylene
Concen: 45.910 ng
RT: 16.774 min Scan# 2531
Delta R.T. 0.006 min
Lab File: BF130714.D
Acq: 19 Oct 2022 16:55



Tgt Ion:276 Resp: 492005
Ion Ratio Lower Upper
276 100
277 24.1 18.9 28.3
138 18.4 15.9 23.9

