

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101422\
 Data File : BF130664.D
 Acq On : 14 Oct 2022 13:07
 Operator : CG\JU
 Sample : PB148312BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148312BS

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 10/17/2022
 Supervised By :mohammad ahmed 10/18/2022

Quant Time: Oct 17 02:19:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 12 06:52:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.581	152	81066	20.000	ng	0.00
21) Naphthalene-d8	7.863	136	314529	20.000	ng	-0.01
39) Acenaphthene-d10	9.616	164	169424	20.000	ng	0.00
64) Phenanthrene-d10	11.092	188	297318	20.000	ng	0.00
76) Chrysene-d12	13.727	240	193467	20.000	ng	0.00
86) Perylene-d12	15.098	264	143412	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.193	112	628346	139.716	ng	0.00
7) Phenol-d6	6.240	99	771506	136.444	ng	0.00
23) Nitrobenzene-d5	7.157	82	480386	83.377	ng	0.00
42) 2,4,6-Tribromophenol	10.410	330	266238	160.597	ng	0.00
45) 2-Fluorobiphenyl	8.945	172	989608	88.477	ng	0.00
79) Terphenyl-d14	12.680	244	1113745	95.547	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.222	88	67776	24.910	ng	98
3) Pyridine	2.887	79	169853	34.899	ng	98
4) n-Nitrosodimethylamine	2.846	42	104241	45.458	ng	89
6) Aniline	6.245	93	273698	40.431	ng	# 82
8) 2-Chlorophenol	6.369	128	245228	46.367	ng	97
9) Benzaldehyde	6.134	77	137139	38.604	ng	98
10) Phenol	6.251	94	290821	44.451	ng	98
11) bis(2-Chloroethyl)ether	6.328	93	213590	44.944	ng	100
12) 1,3-Dichlorobenzene	6.522	146	260380	44.964	ng	99
13) 1,4-Dichlorobenzene	6.598	146	267743	45.575	ng	99
14) 1,2-Dichlorobenzene	6.751	146	252172	46.090	ng	98
15) Benzyl Alcohol	6.740	79	188591	46.456	ng	98
16) 2,2'-oxybis(1-Chloropr...	6.869	45	266956	43.662	ng	86
17) 2-Methylphenol	6.857	107	194924	46.333	ng	97
18) Hexachloroethane	7.087	117	98073	44.128	ng	97
19) n-Nitroso-di-n-propyla...	7.010	70	162527	44.551	ng	100
20) 3+4-Methylphenols	7.016	107	246876	43.792	ng	# 84
22) Acetophenone	7.004	105	344127	45.609	ng	98
24) Nitrobenzene	7.175	77	249513	43.063	ng	98
25) Isophorone	7.416	82	446961	46.611	ng	99
26) 2-Nitrophenol	7.492	139	131466	46.267	ng	96
27) 2,4-Dimethylphenol	7.540	122	203609	51.412	ng	98
28) bis(2-Chloroethoxy)met...	7.628	93	264392	47.617	ng	100
29) 2,4-Dichlorophenol	7.734	162	206282	46.555	ng	99
30) 1,2,4-Trichlorobenzene	7.810	180	212652	44.517	ng	98
31) Naphthalene	7.887	128	706783	43.410	ng	100
32) Benzoic acid	7.704	122	107676	42.977	ng	96
33) 4-Chloroaniline	7.945	127	231944	36.776	ng	98
34) Hexachlorobutadiene	8.004	225	137761	46.465	ng	99
35) Caprolactam	8.334	113	64455m	48.348	ng	
36) 4-Chloro-3-methylphenol	8.445	107	219418	45.652	ng	98
37) 2-Methylnaphthalene	8.581	142	472083	46.075	ng	100
38) 1-Methylnaphthalene	8.675	142	442165	44.454	ng	98
40) 1,2,4,5-Tetrachloroben...	8.745	216	221744	48.240	ng	99
41) Hexachlorocyclopentadiene	8.728	237	161670	90.525	ng	99
43) 2,4,6-Trichlorophenol	8.863	196	139140	45.082	ng	100

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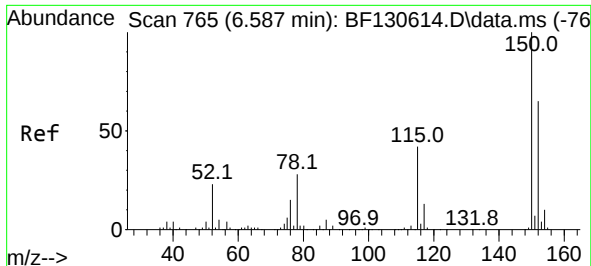
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.910	196	152350	44.886	ng	96
46) 1,1'-Biphenyl	9.045	154	575525	46.873	ng	100
47) 2-Chloronaphthalene	9.069	162	451771	45.019	ng	99
48) 2-Nitroaniline	9.175	65	135097	44.722	ng	95
49) Acenaphthylene	9.481	152	680105	45.232	ng	99
50) Dimethylphthalate	9.357	163	534150	45.545	ng	98
51) 2,6-Dinitrotoluene	9.416	165	119822	46.576	ng	95
52) Acenaphthene	9.651	154	408458	44.837	ng	99
53) 3-Nitroaniline	9.586	138	96946	34.378	ng	96
54) 2,4-Dinitrophenol	9.704	184	116792	88.526	ng	98
55) Dibenzofuran	9.822	168	638513	46.010	ng	98
56) 4-Nitrophenol	9.769	139	144402	92.870	ng	91
57) 2,4-Dinitrotoluene	9.822	165	159294	48.178	ng	98
58) Fluorene	10.163	166	521205	45.682	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.945	232	115756	42.778	ng	98
60) Diethylphthalate	10.051	149	518234	44.288	ng	98
61) 4-Chlorophenyl-phenyle...	10.157	204	244068	47.316	ng	97
62) 4-Nitroaniline	10.204	138	118283	43.932	ng	97
63) Azobenzene	10.316	77	467616	42.428	ng	99
65) 4,6-Dinitro-2-methylph...	10.233	198	84239	45.338	ng	99
66) n-Nitrosodiphenylamine	10.281	169	449294	45.429	ng	99
67) 4-Bromophenyl-phenylether	10.645	248	159190	47.320	ng	95
68) Hexachlorobenzene	10.704	284	182341	47.948	ng	99
69) Atrazine	10.816	200	150144	55.752	ng	97
70) Pentachlorophenol	10.910	266	142326	96.161	ng	98
71) Phenanthrene	11.122	178	741942	45.041	ng	99
72) Anthracene	11.175	178	747388	46.457	ng	99
73) Carbazole	11.333	167	680199	47.383	ng	99
74) Di-n-butylphthalate	11.663	149	796991	45.833	ng	100
75) Fluoranthene	12.304	202	761346	48.090	ng	99
77) Benzidine	12.433	184	278121	56.874	ng	98
78) Pyrene	12.533	202	775017	46.435	ng	100
80) Butylbenzylphthalate	13.157	149	302929	47.200	ng	100
81) Benzo(a)anthracene	13.716	228	584633	44.847	ng	100
82) 3,3'-Dichlorobenzidine	13.686	252	163018	43.275	ng	98
83) Chrysene	13.751	228	541822	43.837	ng	99
84) Bis(2-ethylhexyl)phtha...	13.716	149	367575	47.242	ng	99
85) Di-n-octyl phthalate	14.321	149	488794	41.020	ng	98
87) Indeno(1,2,3-cd)pyrene	16.392	276	498059	46.401	ng	98
88) Benzo(b)fluoranthene	14.721	252	460970	50.761	ng	99
89) Benzo(k)fluoranthene	14.751	252	443637	47.978	ng	98
90) Benzo(a)pyrene	15.045	252	384938	50.931	ng	97
91) Dibenzo(a,h)anthracene	16.404	278	436676	49.631	ng	98
92) Benzo(g,h,i)perylene	16.780	276	440304	53.730	ng	97

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



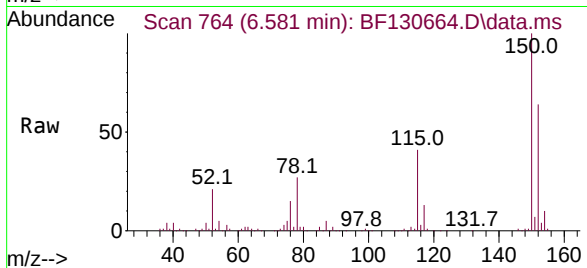
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.581 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

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BNA_F

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PB148312BS

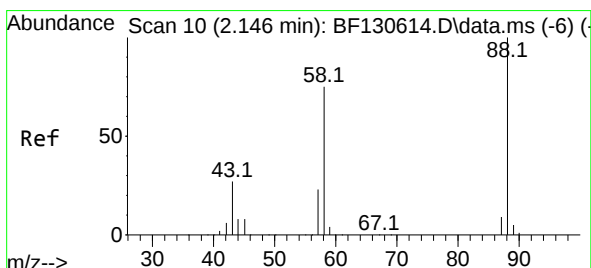
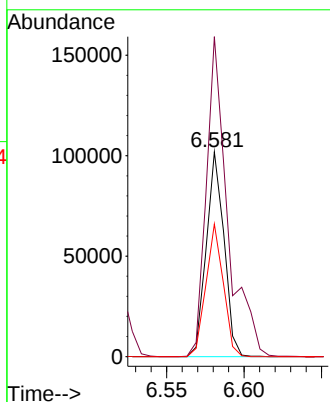
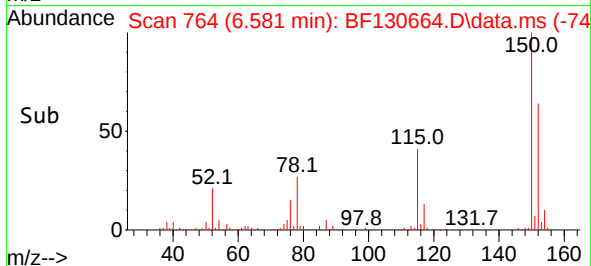


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Ion Ratio Lower Upper
152 100
150 156.3 123.8 185.6
115 64.7 52.2 78.4

Manual Integrations

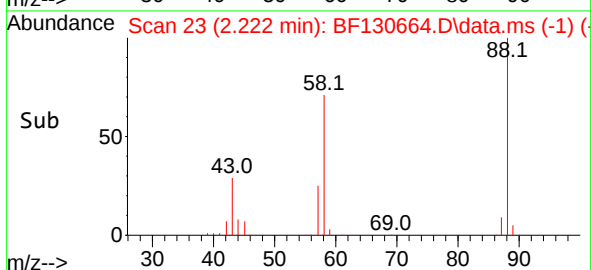
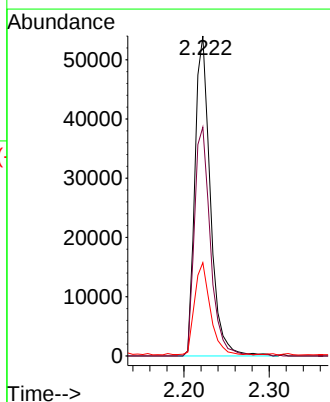
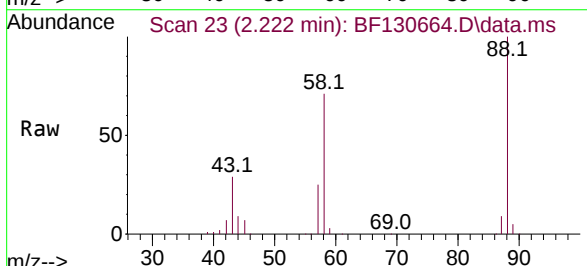
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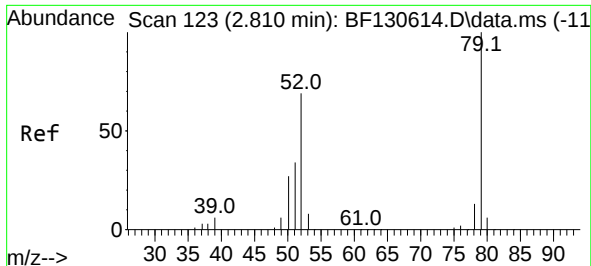
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#2
1,4-Dioxane
Concen: 24.910 ng
RT: 2.222 min Scan# 23
Delta R.T. 0.077 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

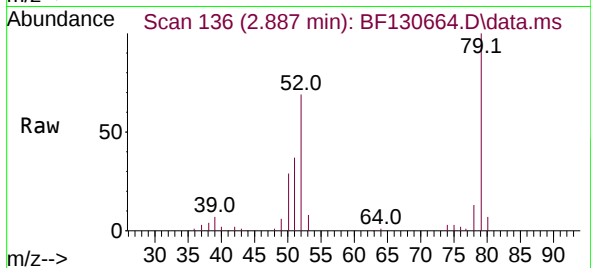
Tgt Ion: 88 Resp: 67776
Ion Ratio Lower Upper
88 100
58 74.4 58.8 88.2
43 29.4 22.2 33.4





#3
Pyridine
Concen: 34.899 ng
RT: 2.887 min Scan# 136
Delta R.T. 0.077 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

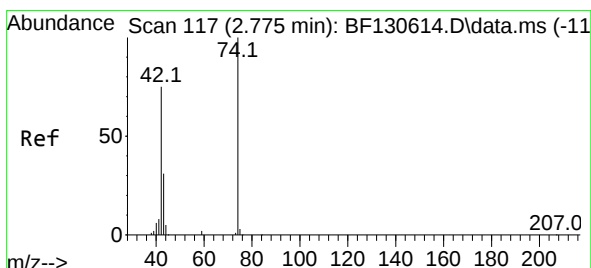
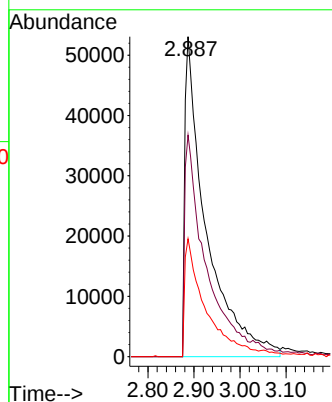
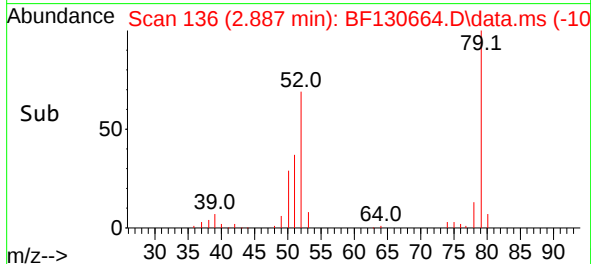
Instrument :
BNA_F
ClientSampleId :
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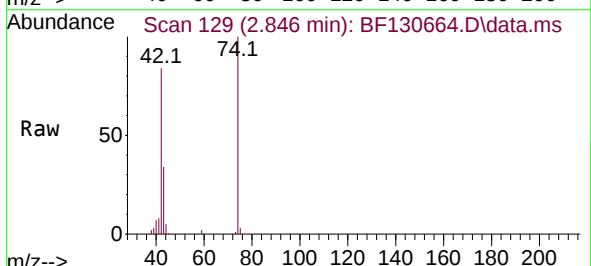
Tgt Ion: 79 Resp: 16985
Ion Ratio Lower Upper
79 100
52 69.2 54.8 82.2
51 36.8 27.4 41.2

Manual Integrations
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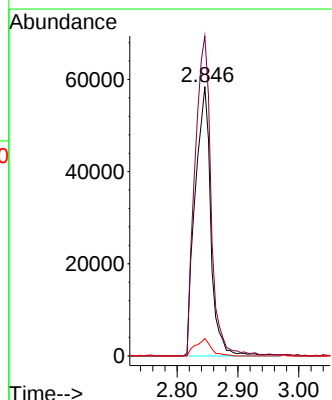
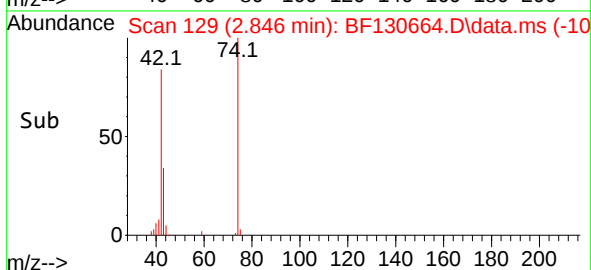
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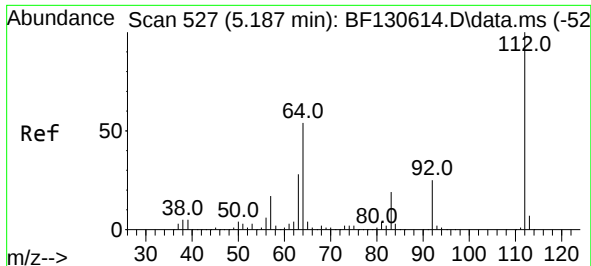


#4
n-Nitrosodimethylamine
Concen: 45.458 ng
RT: 2.846 min Scan# 129
Delta R.T. 0.071 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07



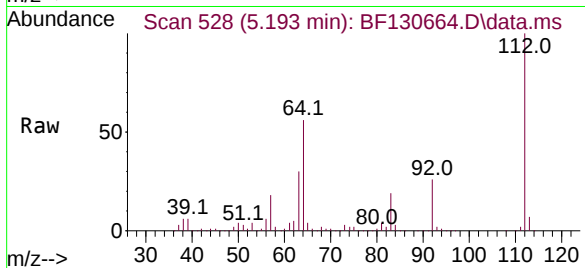
Tgt Ion: 42 Resp: 104241
Ion Ratio Lower Upper
42 100
74 118.9 106.2 159.2
44 6.4 5.0 7.4





#5
2-Fluorophenol
Concen: 139.716 ng
RT: 5.193 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

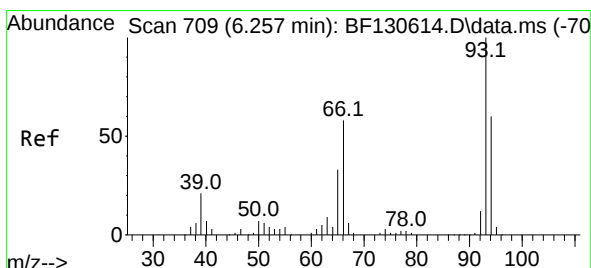
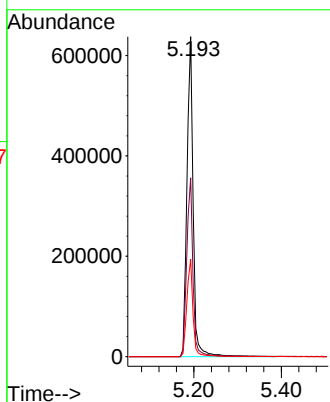
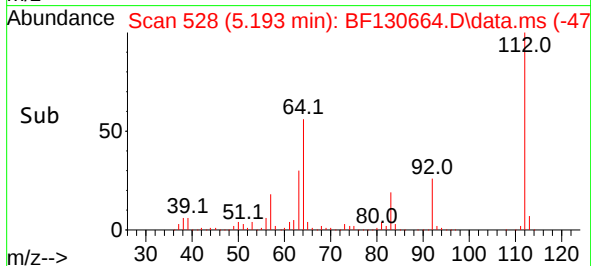
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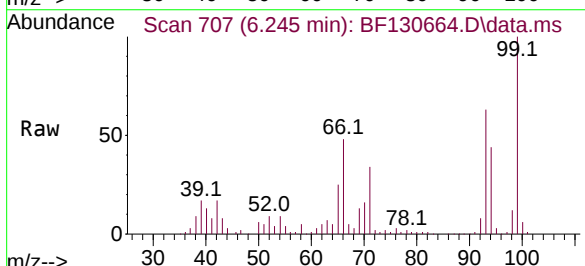
Tgt Ion:112 Resp: 628346
Ion Ratio Lower Upper
112 100
64 55.9 43.5 65.3
63 30.4 22.6 34.0

Manual Integrations
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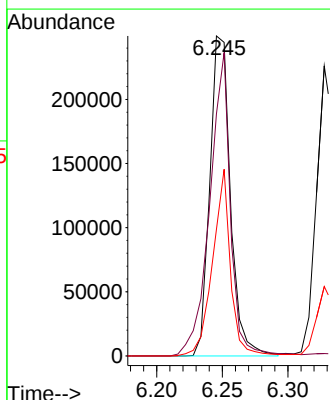
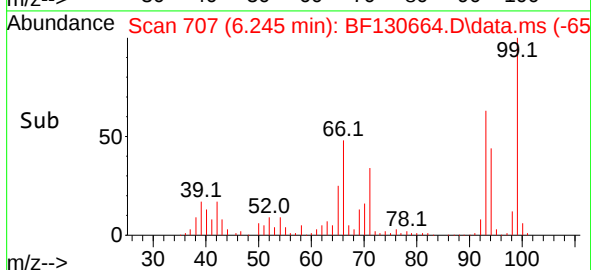
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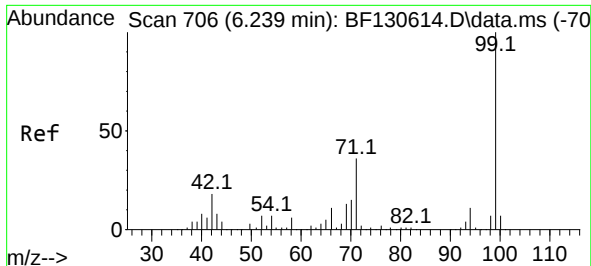


#6
Aniline
Concen: 40.431 ng
RT: 6.245 min Scan# 707
Delta R.T. -0.012 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07



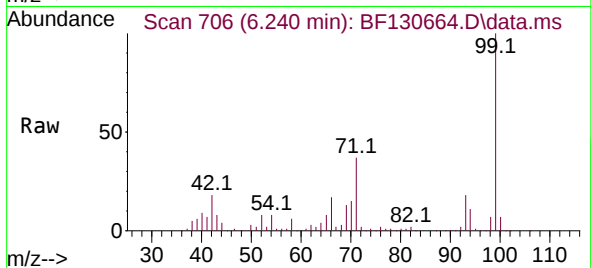
Tgt Ion: 93 Resp: 273698
Ion Ratio Lower Upper
93 100
66 75.6 47.4 71.0#
65 39.5 26.6 40.0





#7
Phenol-d6
Concen: 136.444 ng
RT: 6.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

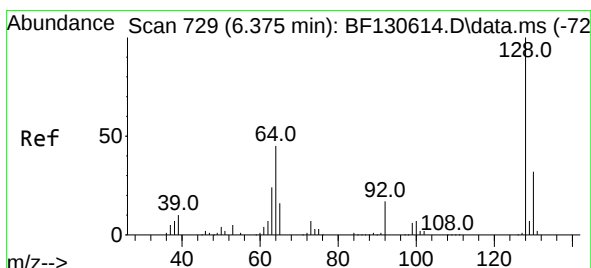
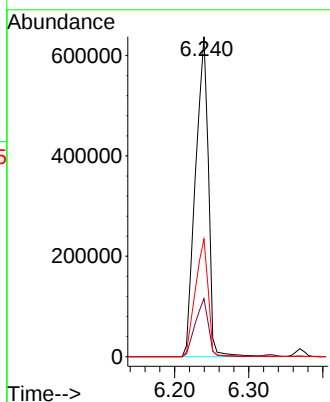
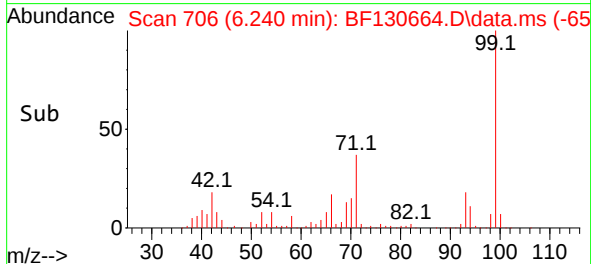
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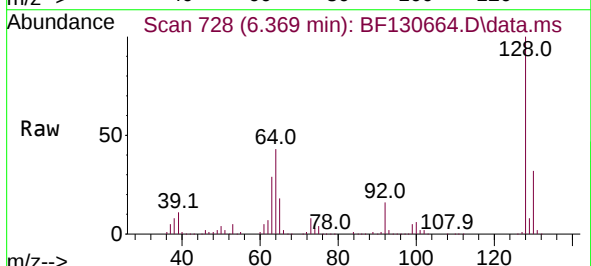
Tgt Ion: 99 Resp: 771506
Ion Ratio Lower Upper
99 100
42 18.2 14.0 21.0
71 36.7 28.8 43.2

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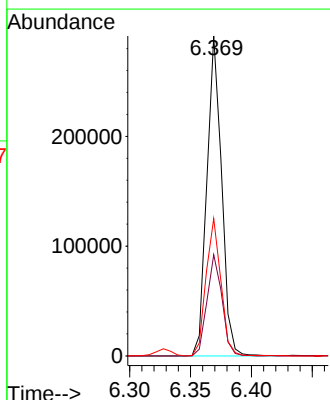
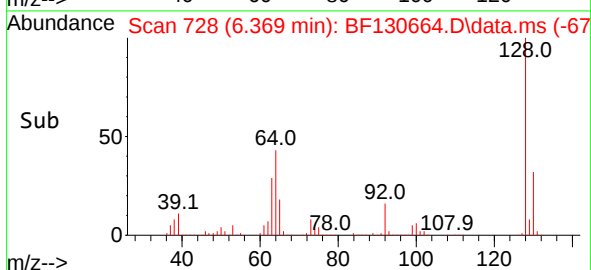
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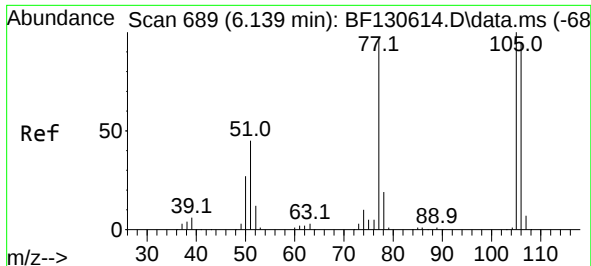


#8
2-Chlorophenol
Concen: 46.367 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.006 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07



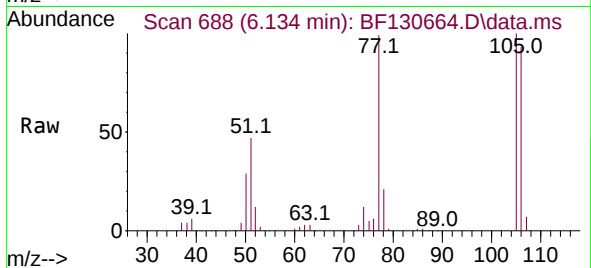
Tgt Ion:128 Resp: 245228
Ion Ratio Lower Upper
128 100
130 31.6 12.4 52.4
64 42.9 25.9 65.9





#9
Benzaldehyde
Concen: 38.604 ng
RT: 6.134 min Scan# 689
Delta R.T. -0.006 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

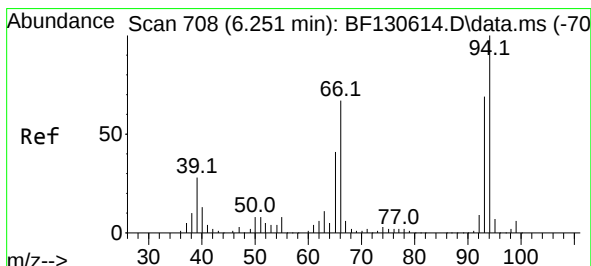
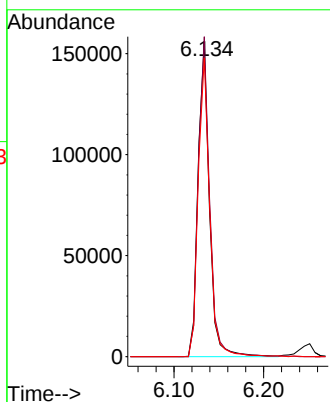
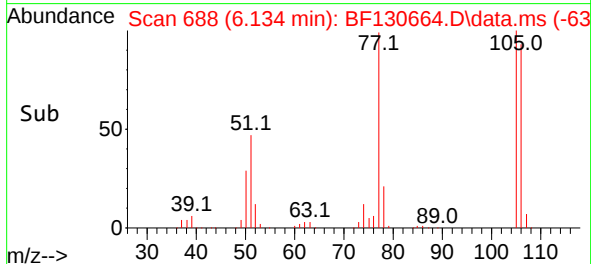
Instrument :
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Tgt Ion: 77 Resp: 137139
Ion Ratio Lower Upper
77 100
105 101.5 83.0 123.0
106 94.8 77.8 117.8

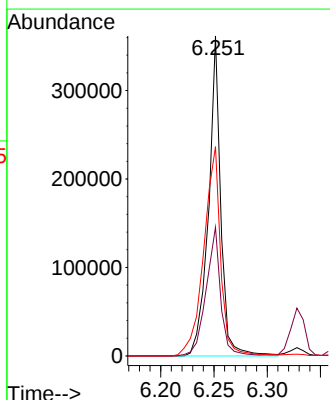
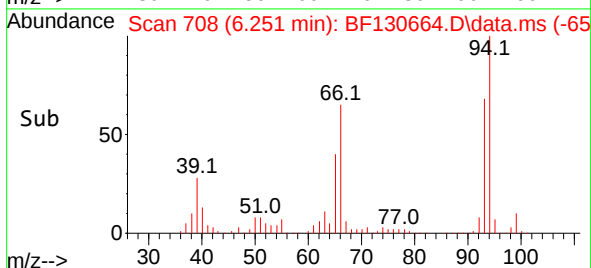
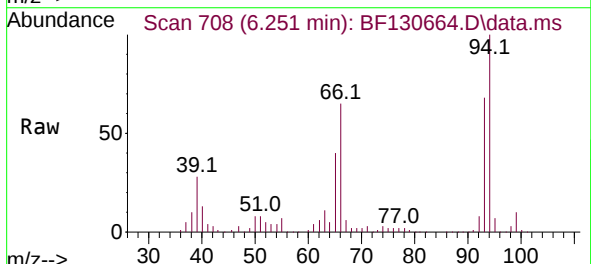
Manual Integrations
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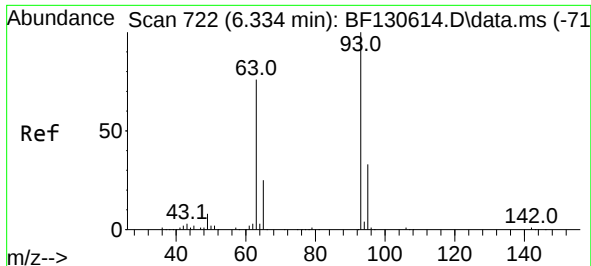
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#10
Phenol
Concen: 44.451 ng
RT: 6.251 min Scan# 708
Delta R.T. 0.000 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

Tgt Ion: 94 Resp: 290821
Ion Ratio Lower Upper
94 100
65 40.2 21.2 61.2
66 65.4 46.9 86.9





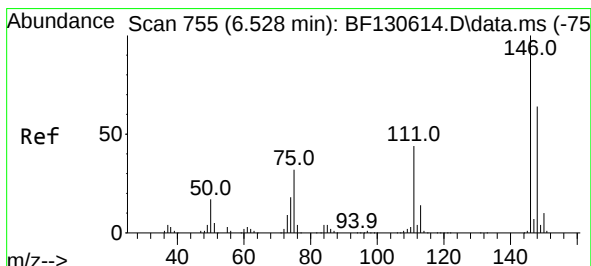
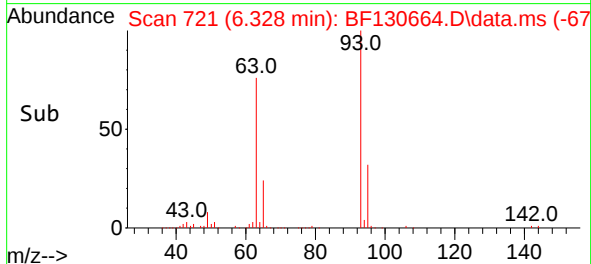
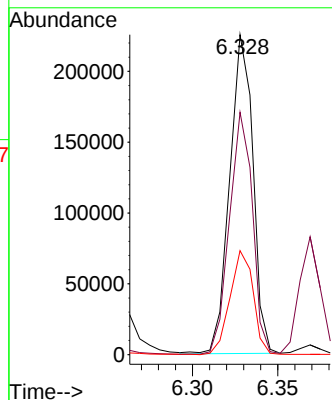
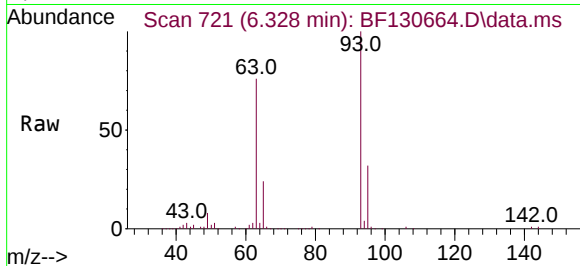
#11
bis(2-Chloroethyl)ether
Concen: 44.944 ng
RT: 6.328 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

Instrument :
BNA_F
ClientSampleId :
PB148312BS

Tgt Ion: 93 Resp: 213596
Ion Ratio Lower Upper
93 100
63 75.7 56.1 96.1
95 32.5 12.4 52.4

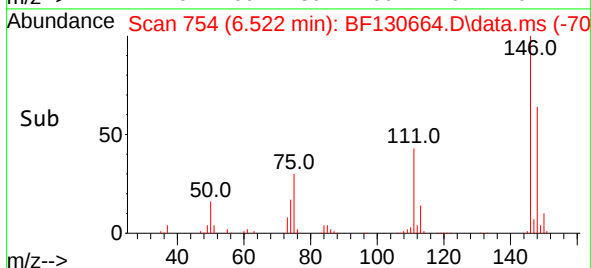
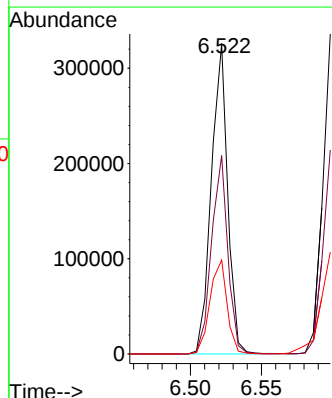
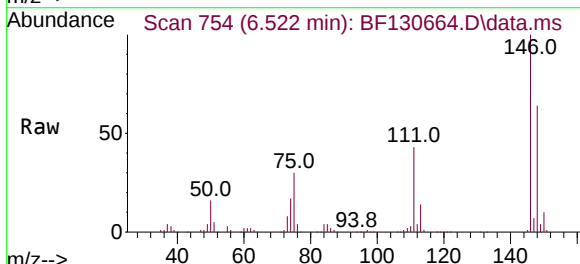
Manual Integrations
APPROVED

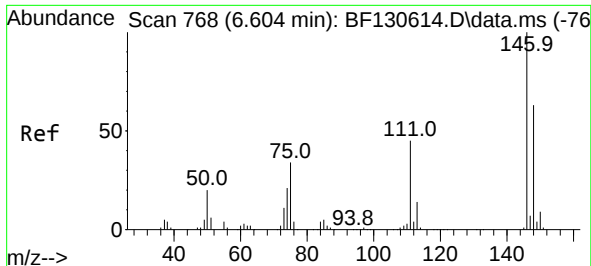
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#12
1,3-Dichlorobenzene
Concen: 44.964 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

Tgt Ion:146 Resp: 260380
Ion Ratio Lower Upper
146 100
148 63.9 51.3 76.9
75 30.2 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 45.575 ng

RT: 6.598 min Scan# 70

Delta R.T. -0.006 min

Lab File: BF130664.D

Acq: 14 Oct 2022 13:07

Instrument :

BNA_F

ClientSampleId :

PB148312BS

Tgt Ion:146 Resp: 267743

Ion Ratio Lower Upper

146 100

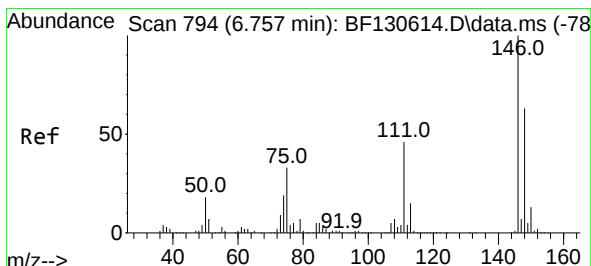
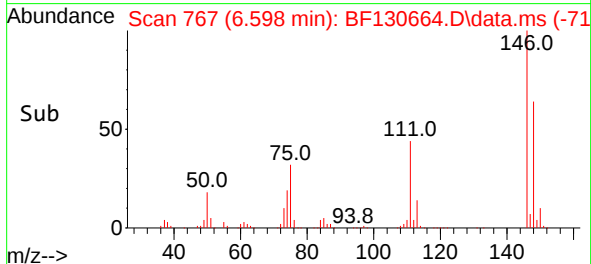
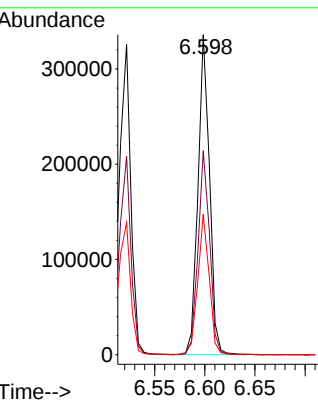
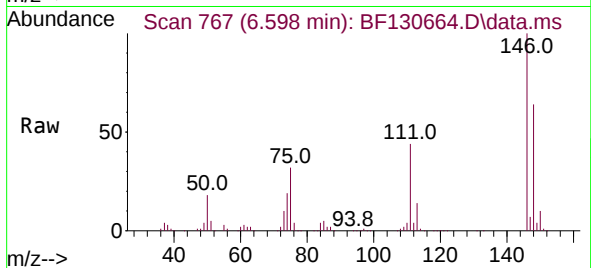
148 63.7 50.1 75.1

111 43.9 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#14

1,2-Dichlorobenzene

Concen: 46.090 ng

RT: 6.751 min Scan# 793

Delta R.T. -0.006 min

Lab File: BF130664.D

Acq: 14 Oct 2022 13:07

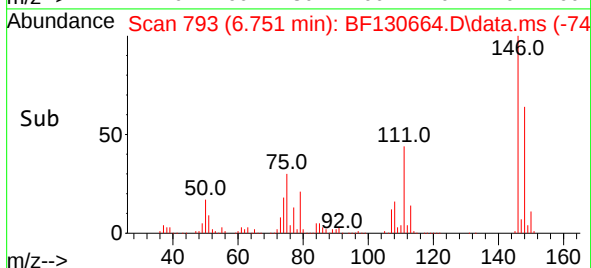
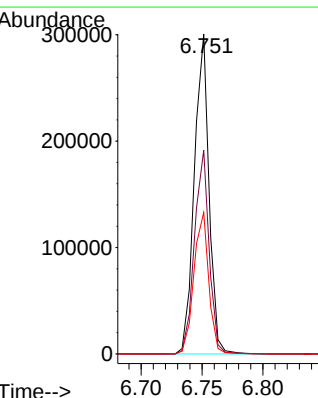
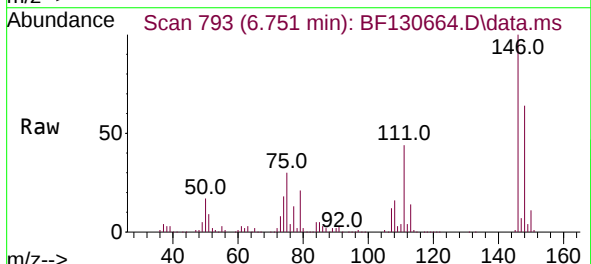
Tgt Ion:146 Resp: 252172

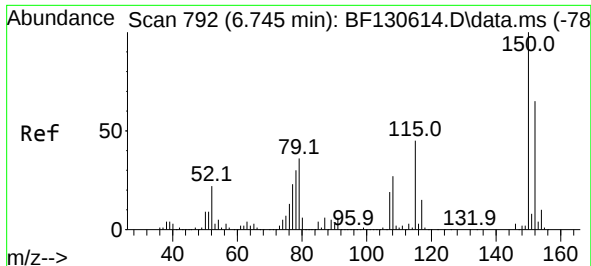
Ion Ratio Lower Upper

146 100

148 63.7 50.5 75.7

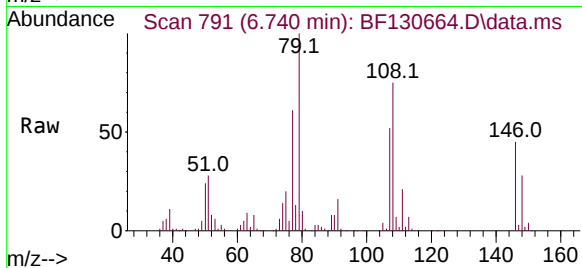
111 44.2 37.2 55.8





#15
Benzyl Alcohol
Concen: 46.456 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

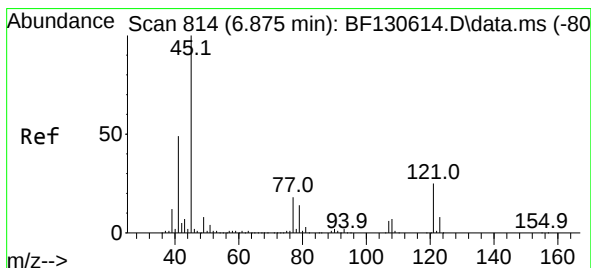
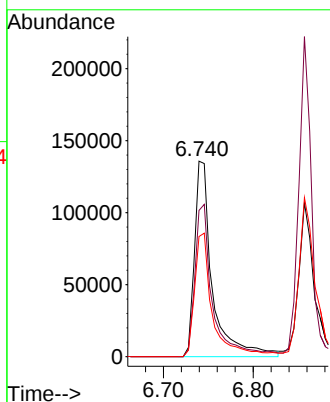
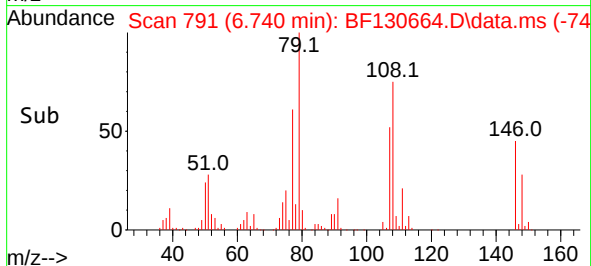
Instrument :
BNA_F
ClientSampleId :
PB148312BS



Tgt Ion: 79 Resp: 188591
Ion Ratio Lower Upper
79 100
108 74.7 59.7 89.5
77 61.4 51.8 77.6

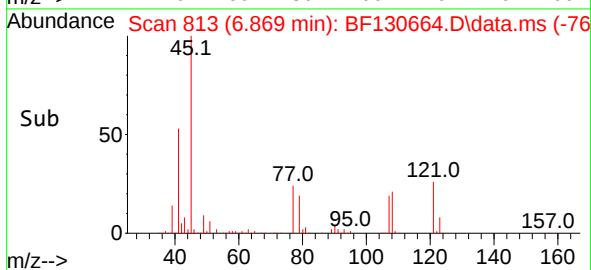
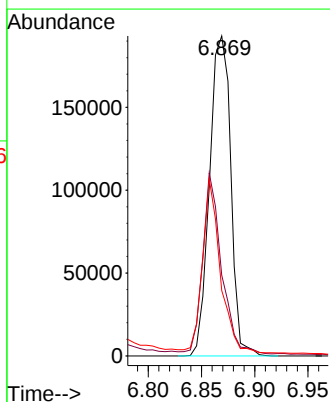
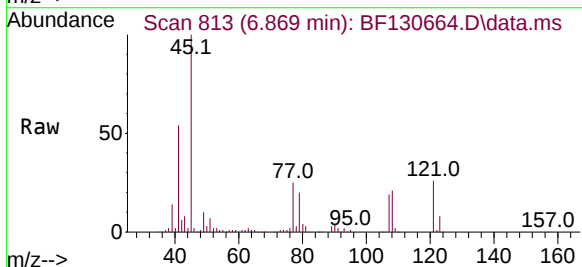
Manual Integrations
APPROVED

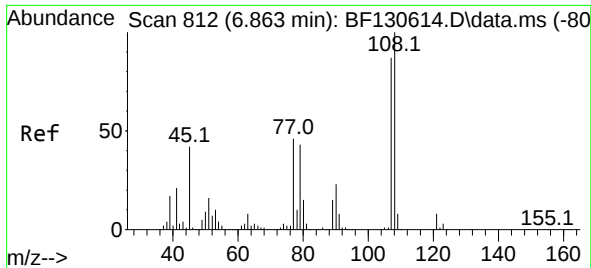
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.662 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

Tgt Ion: 45 Resp: 266956
Ion Ratio Lower Upper
45 100
77 25.2 0.0 38.7
79 20.4 0.0 34.6





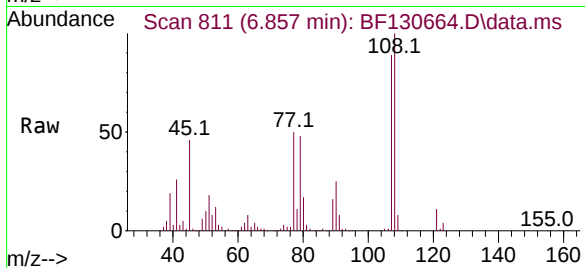
#17
2-Methylphenol
Concen: 46.333 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

Instrument :

BNA_F

ClientSampleId :

PB148312BS

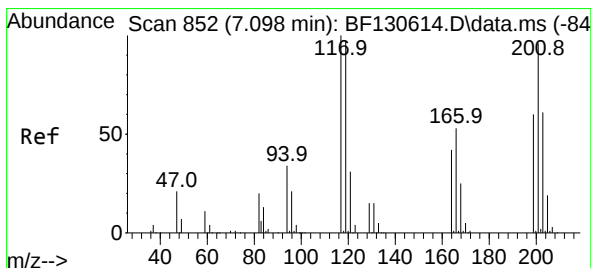
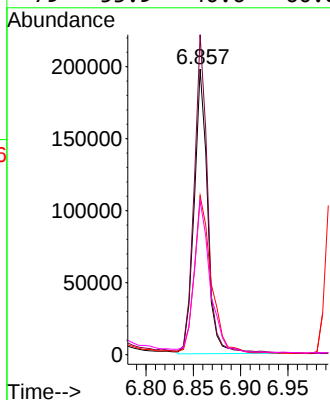
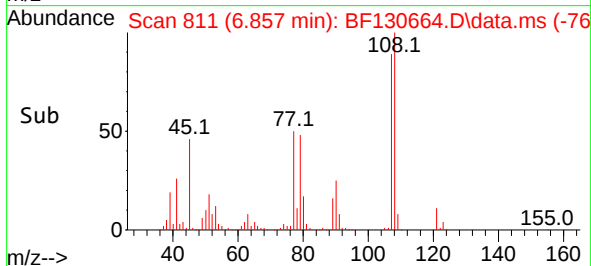


Tgt Ion:107 Resp: 194924
Ion Ratio Lower Upper
107 100
108 112.1 92.2 138.2
77 55.7 42.7 64.1
79 53.9 40.6 60.8

Manual Integrations

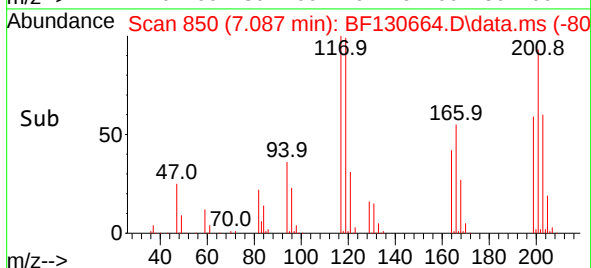
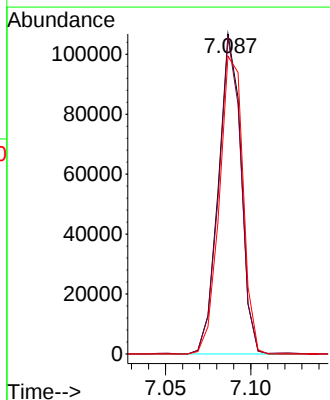
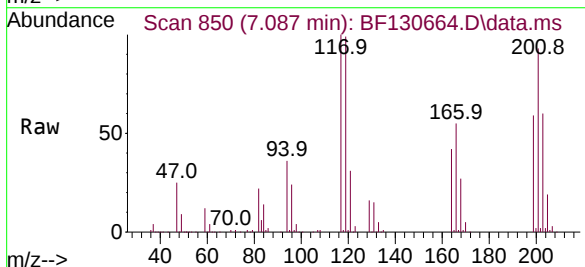
APPROVED

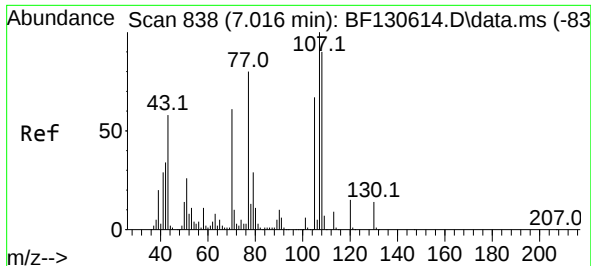
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#18
Hexachloroethane
Concen: 44.128 ng
RT: 7.087 min Scan# 850
Delta R.T. -0.012 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

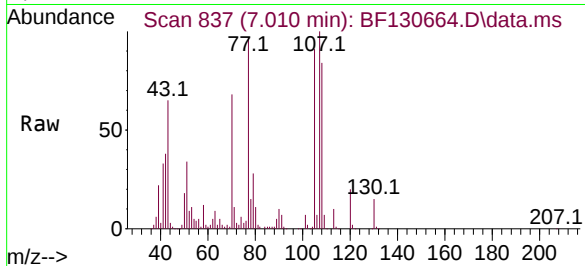
Tgt Ion:117 Resp: 98073
Ion Ratio Lower Upper
117 100
119 98.8 77.6 116.4
201 93.0 77.0 115.6





#19
n-Nitroso-di-n-propylamine
Concen: 44.551 ng
RT: 7.010 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

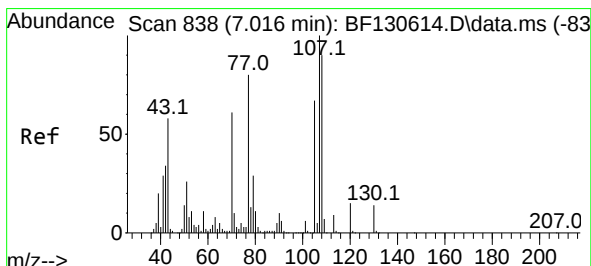
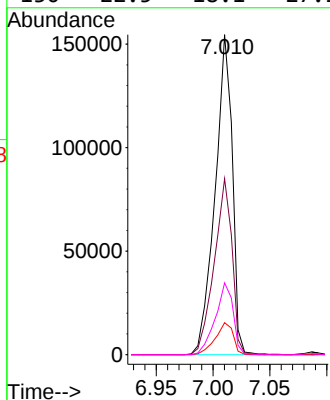
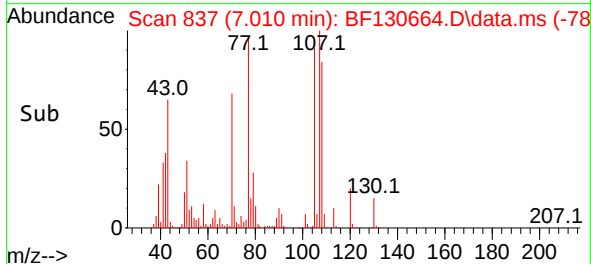
Instrument :
BNA_F
ClientSampleId :
PB148312BS



Tgt Ion: 70 Resp: 16252
Ion Ratio Lower Upper
70 100
42 55.0 44.3 66.5
101 10.0 7.9 11.9
130 22.5 18.1 27.1

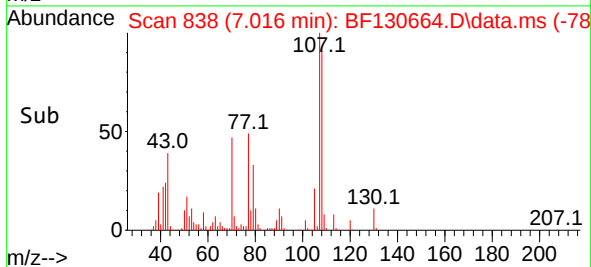
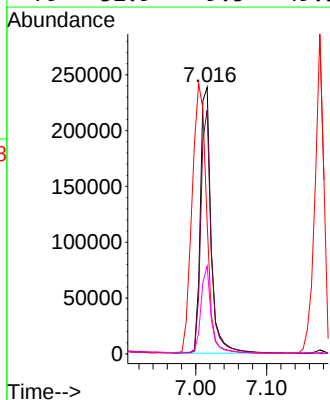
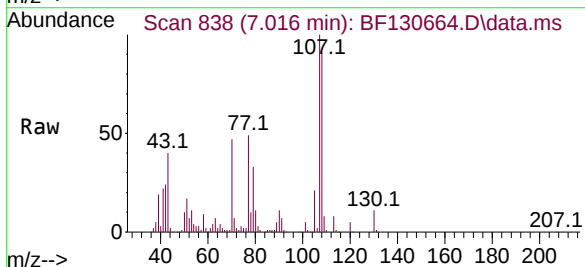
Manual Integrations
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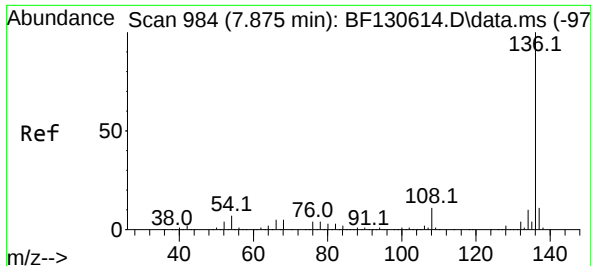
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#20
3+4-Methylphenols
Concen: 43.792 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

Tgt Ion:107 Resp: 246876
Ion Ratio Lower Upper
107 100
108 91.5 69.7 109.7
77 49.0 59.7 99.7#
79 32.9 9.5 49.5





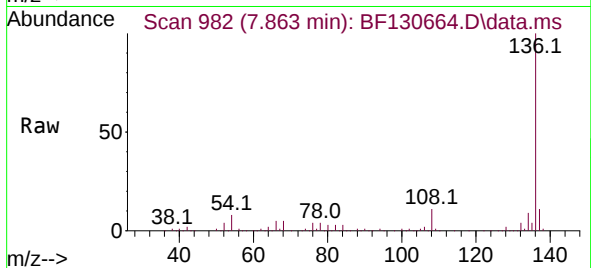
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.863 min Scan# 984
Delta R.T. -0.012 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

Instrument :

BNA_F

ClientSampleId :

PB148312BS

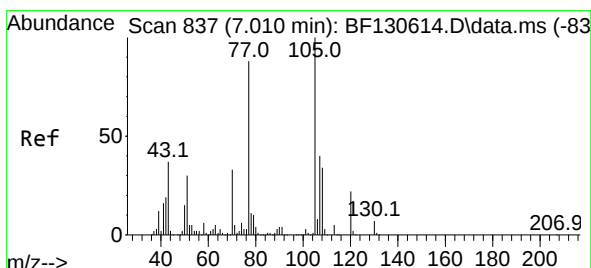
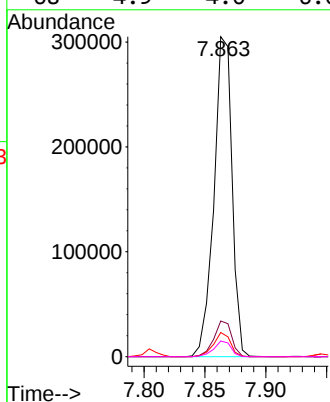
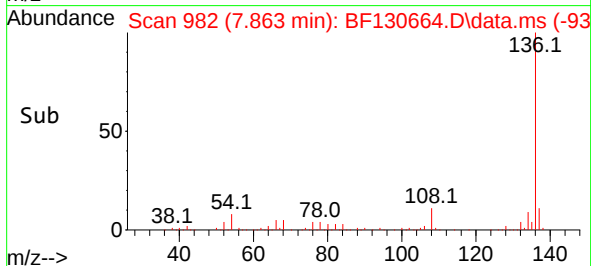


Tgt Ion:136 Resp: 314529
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.5 5.5 8.3
68 4.9 4.0 6.0

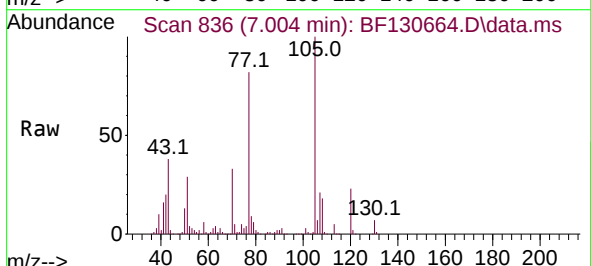
Manual Integrations

APPROVED

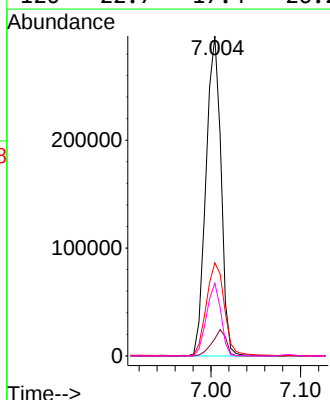
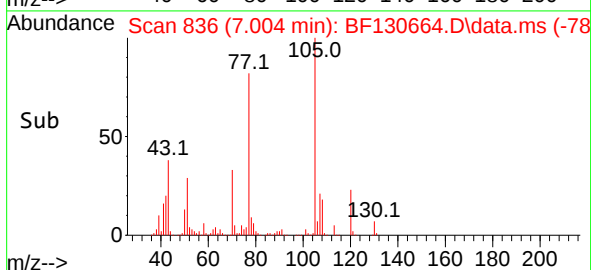
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

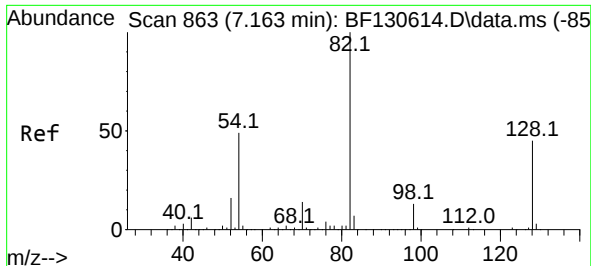


#22
Acetophenone
Concen: 45.609 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07



Tgt Ion:105 Resp: 344127
Ion Ratio Lower Upper
105 100
71 5.4 4.2 6.4
51 29.1 24.3 36.5
120 22.7 17.4 26.2





#23

Nitrobenzene-d5

Concen: 83.377 ng

RT: 7.157 min Scan# 862

Delta R.T. -0.006 min

Lab File: BF130664.D

Acq: 14 Oct 2022 13:07

Instrument :

BNA_F

ClientSampleId :

PB148312BS

Tgt Ion: 82 Resp: 480386

Ion Ratio Lower Upper

82 100

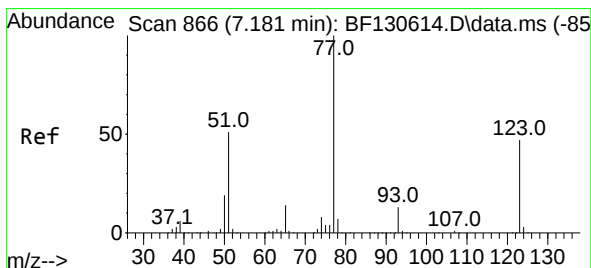
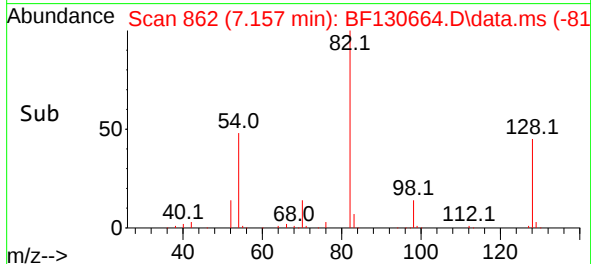
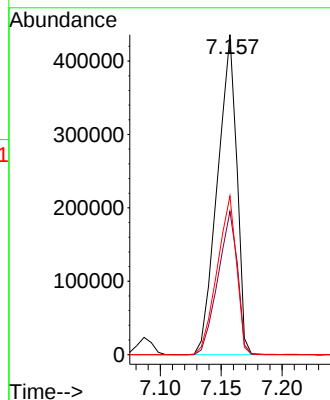
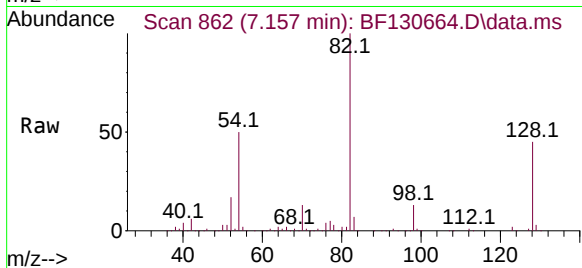
128 44.8 35.8 53.6

54 49.6 39.3 58.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#24

Nitrobenzene

Concen: 43.063 ng

RT: 7.175 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF130664.D

Acq: 14 Oct 2022 13:07

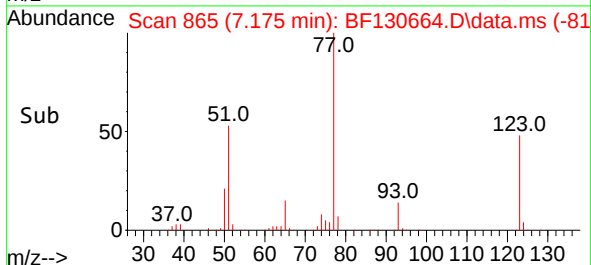
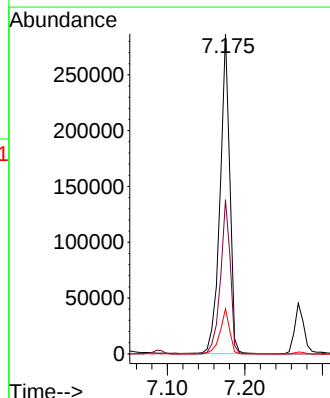
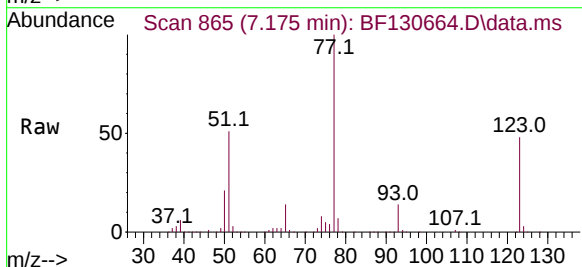
Tgt Ion: 77 Resp: 249513

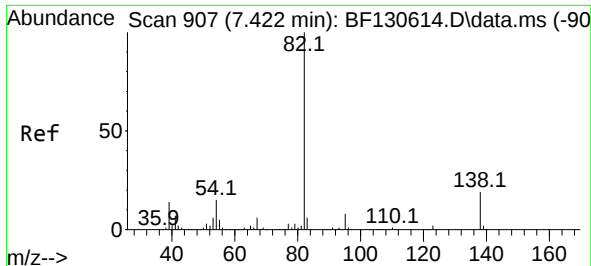
Ion Ratio Lower Upper

77 100

123 48.2 37.5 56.3

65 14.1 11.0 16.4





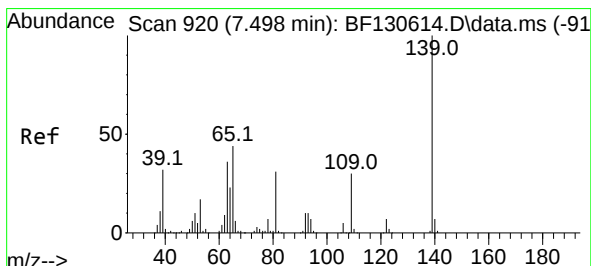
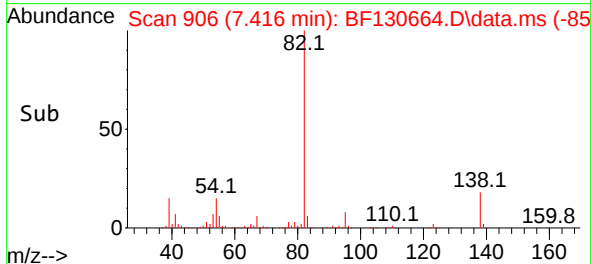
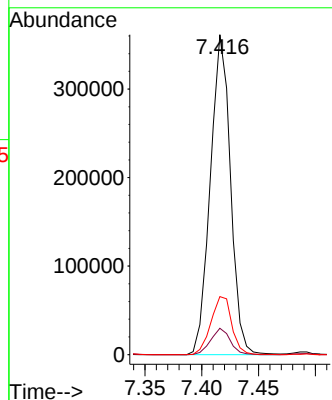
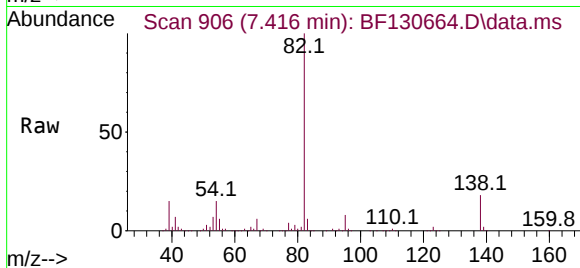
#25
Isophorone
Concen: 46.611 ng
RT: 7.416 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

Instrument :
BNA_F
Client SampleId :
PB148312BS

Tgt Ion: 82 Resp: 446963
Ion Ratio Lower Upper
82 100
95 8.2 6.1 9.1
138 18.1 14.9 22.3

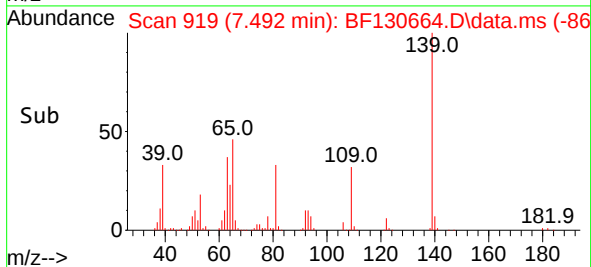
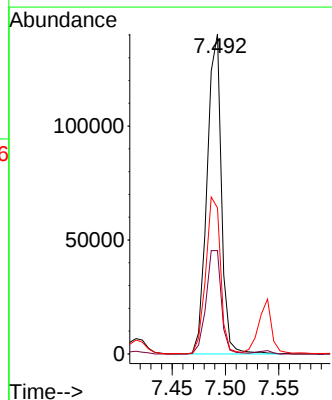
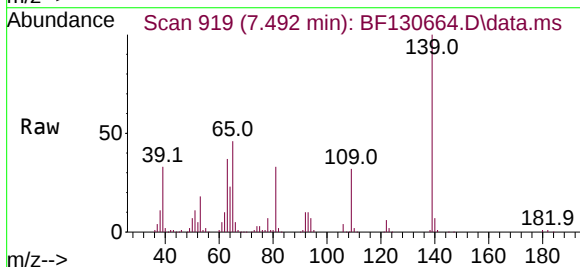
Manual Integrations
APPROVED

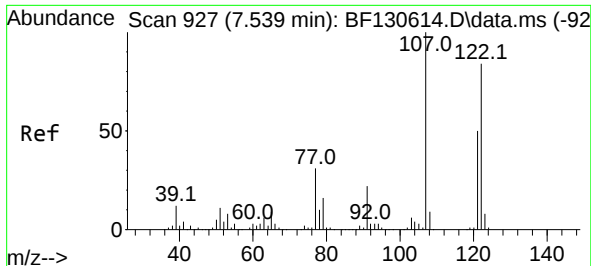
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#26
2-Nitrophenol
Concen: 46.267 ng
RT: 7.492 min Scan# 919
Delta R.T. -0.006 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

Tgt Ion:139 Resp: 131466
Ion Ratio Lower Upper
139 100
109 32.3 23.9 35.9
65 45.6 34.9 52.3





#27

2,4-Dimethylphenol

Concen: 51.412 ng

RT: 7.540 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF130664.D

Acq: 14 Oct 2022 13:07

Instrument :

BNA_F

ClientSampleId :

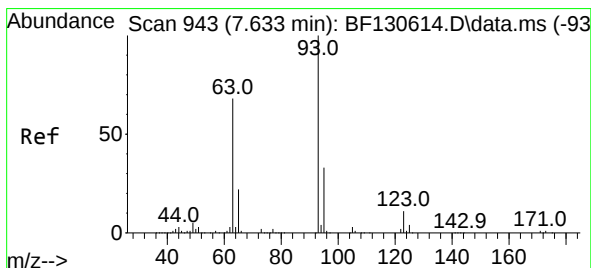
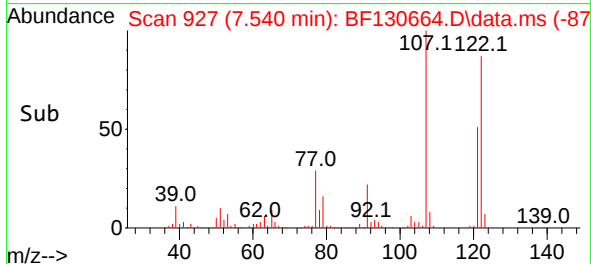
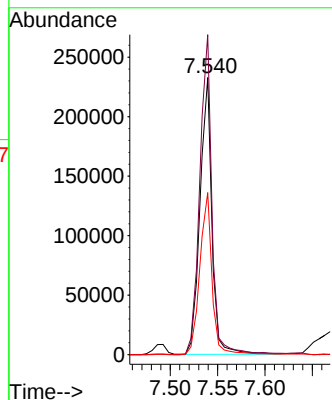
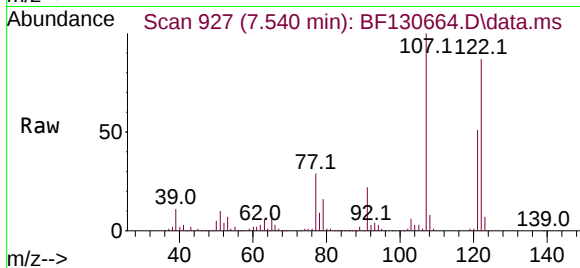
PB148312BS

Tgt Ion:	122	Resp:	203609
Ion Ratio	Lower	Upper	
122	100		
107	115.5	94.9	142.3
121	58.5	47.1	70.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#28

bis(2-Chloroethoxy)methane

Concen: 47.617 ng

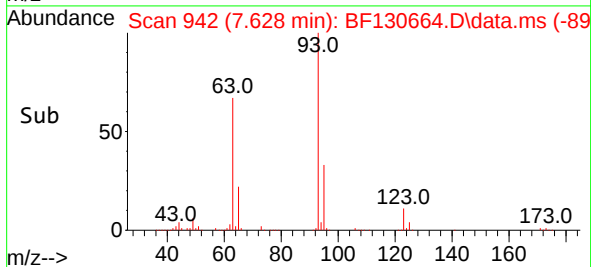
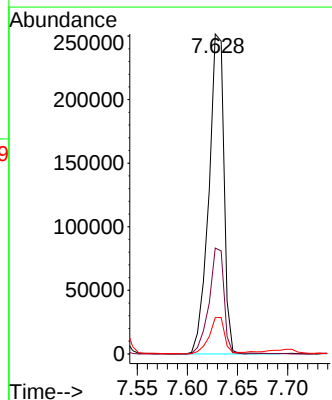
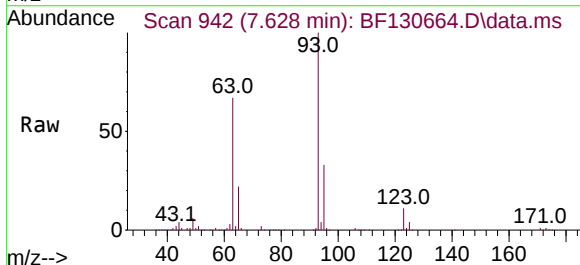
RT: 7.628 min Scan# 942

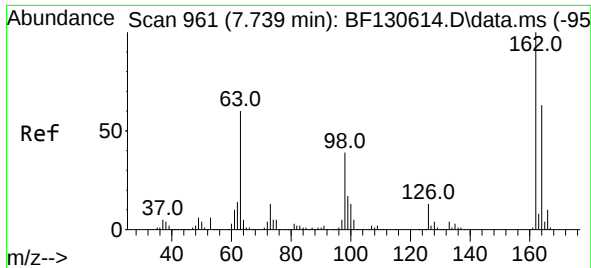
Delta R.T. -0.005 min

Lab File: BF130664.D

Acq: 14 Oct 2022 13:07

Tgt Ion:	93	Resp:	264392
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.4	39.6
123	11.3	9.1	13.7





#29

2,4-Dichlorophenol

Concen: 46.555 ng

RT: 7.734 min Scan# 961

Delta R.T. -0.005 min

Lab File: BF130664.D

Acq: 14 Oct 2022 13:07

Instrument :

BNA_F

ClientSampleId :

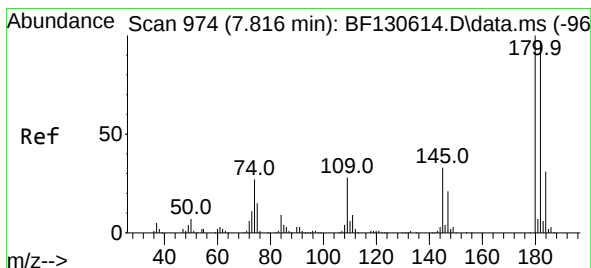
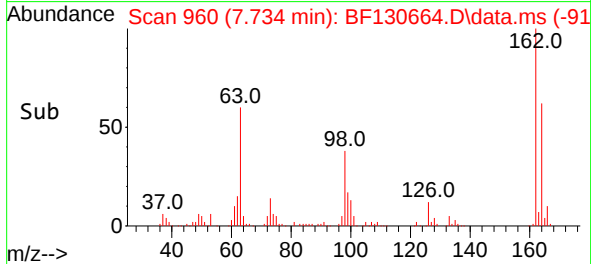
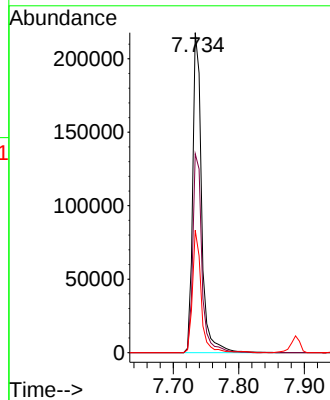
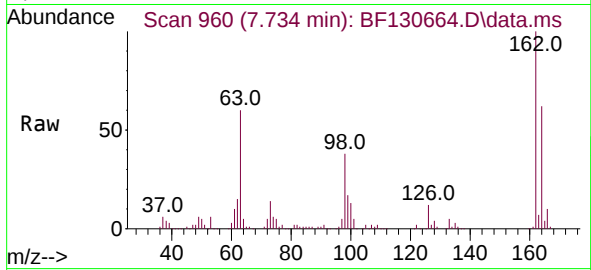
PB148312BS

Tgt Ion:162	Resp: 206282
Ion Ratio	Lower Upper
162 100	
164 62.1	42.8 82.8
98 38.2	18.6 58.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#30

1,2,4-Trichlorobenzene

Concen: 44.517 ng

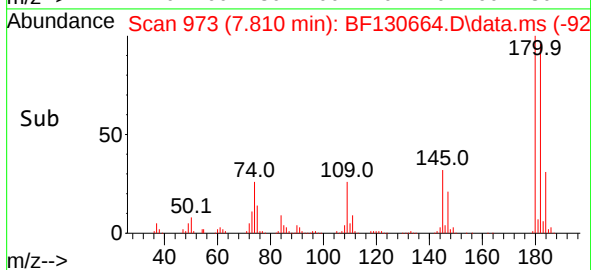
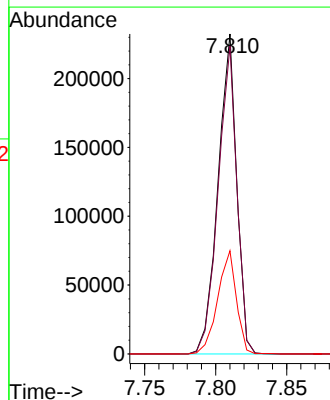
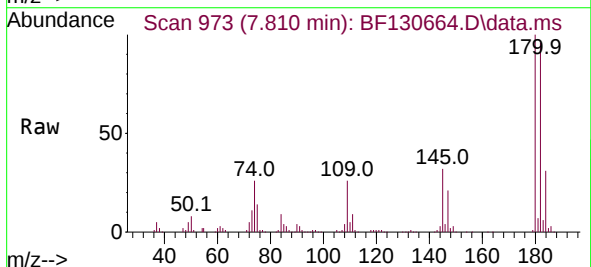
RT: 7.810 min Scan# 973

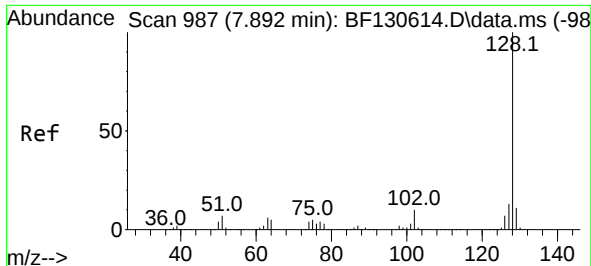
Delta R.T. -0.006 min

Lab File: BF130664.D

Acq: 14 Oct 2022 13:07

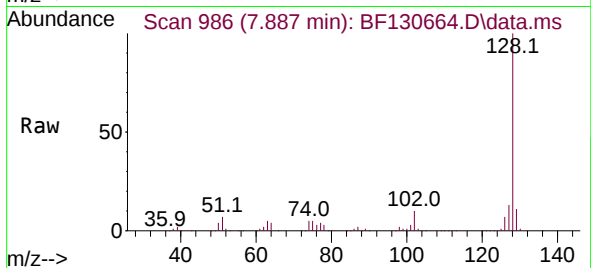
Tgt Ion:180	Resp: 212652
Ion Ratio	Lower Upper
180 100	
182 96.2	78.0 117.0
145 32.2	26.7 40.1





#31
Naphthalene
Concen: 43.410 ng
RT: 7.887 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

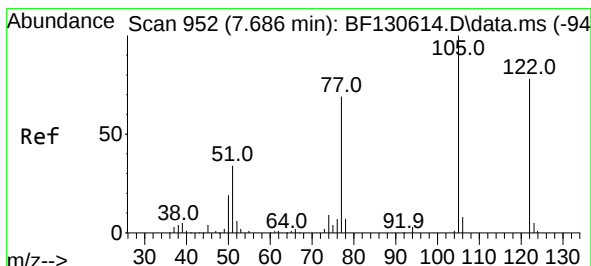
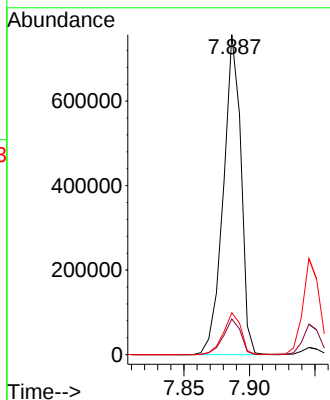
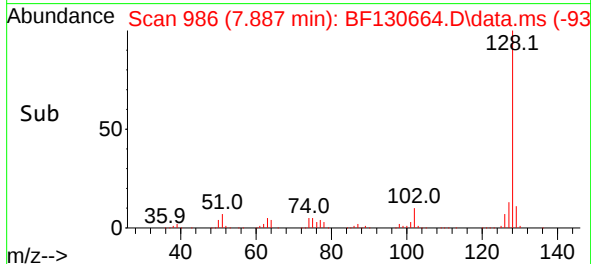
Instrument :
BNA_F
ClientSampleId :
PB148312BS



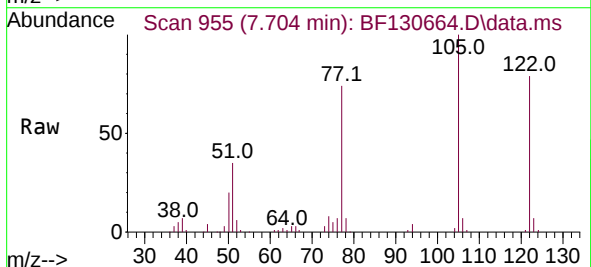
Tgt Ion:128 Resp: 706783
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.1 10.3 15.5

Manual Integrations
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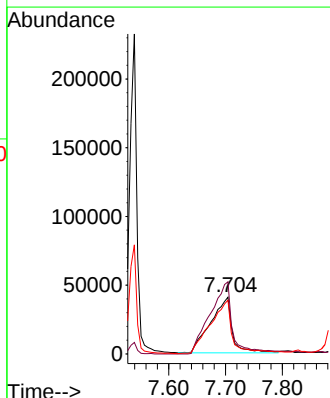
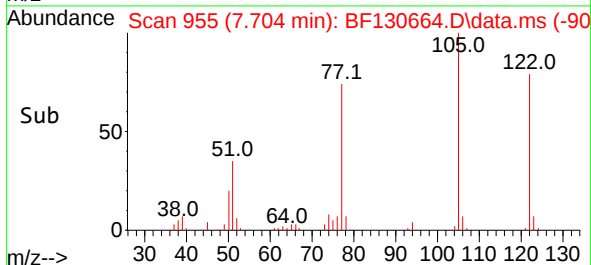
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

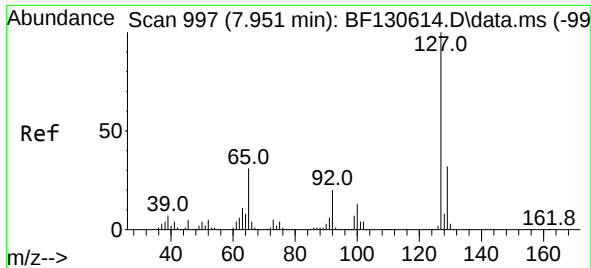


#32
Benzoic acid
Concen: 42.977 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.018 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07



Tgt Ion:122 Resp: 107676
Ion Ratio Lower Upper
122 100
105 127.0 104.8 144.8
77 94.6 68.2 108.2





#33
4-Chloroaniline
Concen: 36.776 ng
RT: 7.945 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

Instrument :

BNA_F

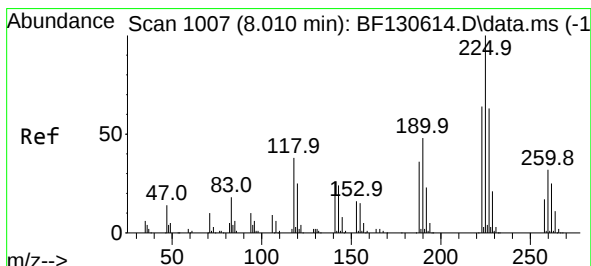
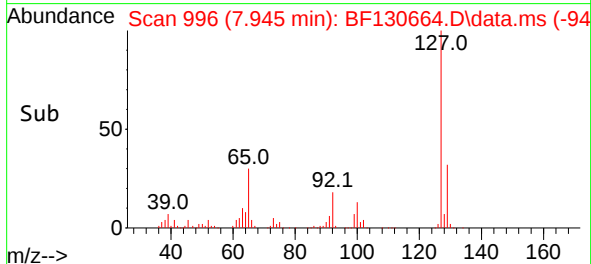
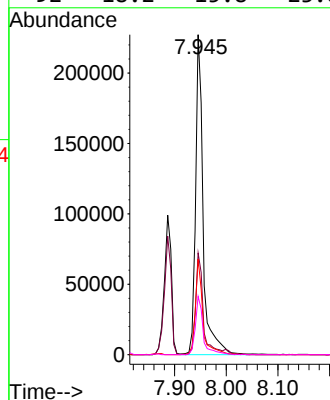
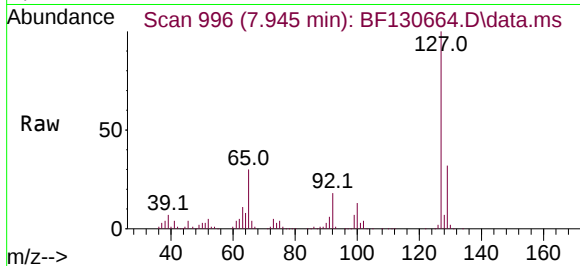
ClientSampleId :

PB148312BS

Tgt Ion:127 Resp: 231944
Ion Ratio Lower Upper
127 100
129 31.8 25.7 38.5
65 29.8 24.7 37.1
92 18.2 15.8 23.8

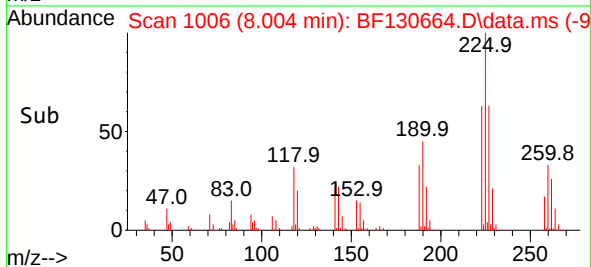
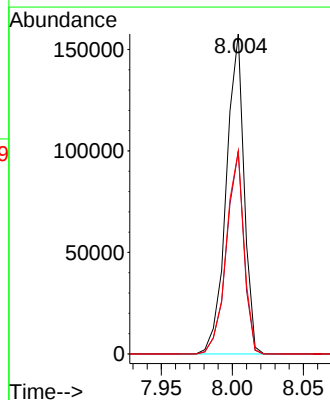
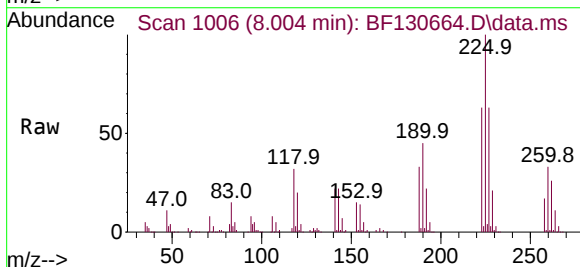
Manual Integrations
APPROVED

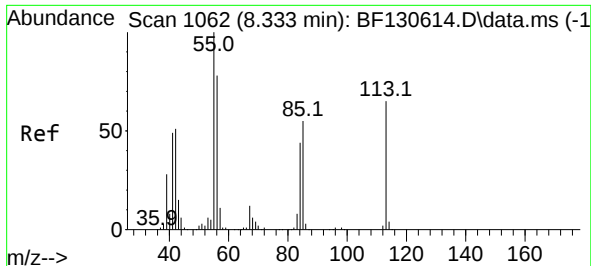
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#34
Hexachlorobutadiene
Concen: 46.465 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

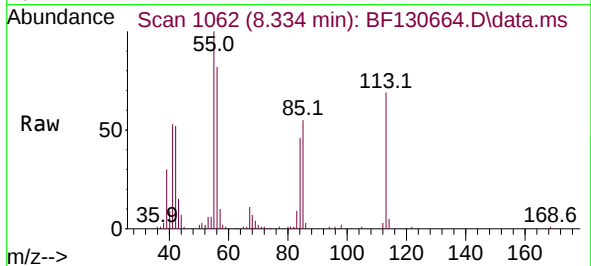
Tgt Ion:225 Resp: 137761
Ion Ratio Lower Upper
225 100
223 63.2 51.5 77.3
227 63.4 50.4 75.6





#35
 Caprolactam
 Concen: 48.348 ng m
 RT: 8.334 min Scan# 1062
 Delta R.T. 0.000 min
 Lab File: BF130664.D
 Acq: 14 Oct 2022 13:07

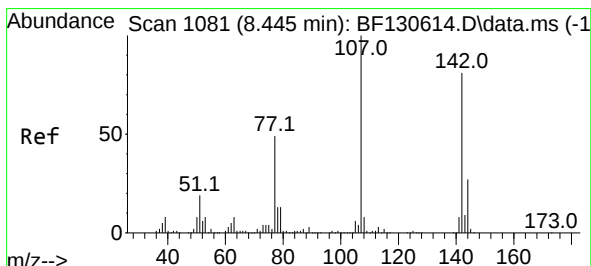
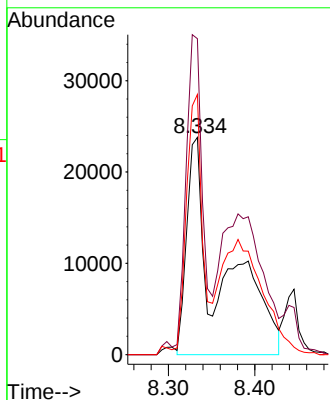
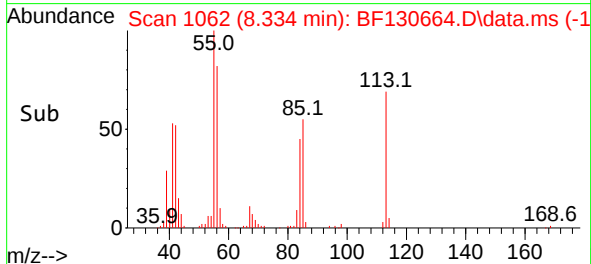
Instrument :
 BNA_F
 ClientSampleId :
 PB148312BS



Tgt Ion:113 Resp: 6445
 Ion Ratio Lower Upper
 113 100
 55 145.4 134.3 174.3
 56 119.7 101.0 141.0

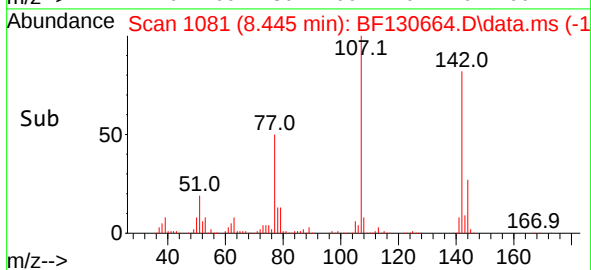
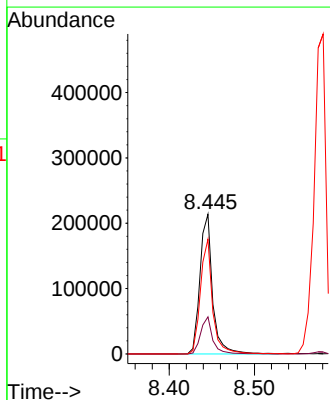
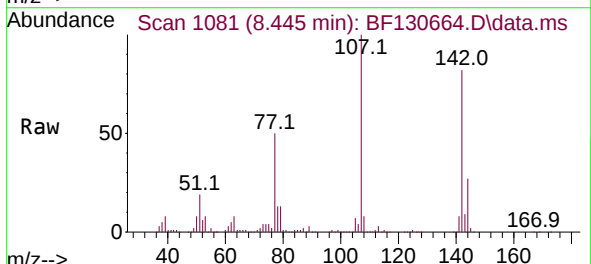
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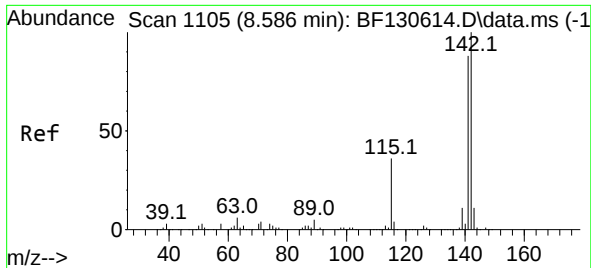
Reviewed By :Christian Giraldo 10/17/2022
 Supervised By :mohammad ahmed 10/18/2022



#36
 4-Chloro-3-methylphenol
 Concen: 45.652 ng
 RT: 8.445 min Scan# 1081
 Delta R.T. 0.000 min
 Lab File: BF130664.D
 Acq: 14 Oct 2022 13:07

Tgt Ion:107 Resp: 219418
 Ion Ratio Lower Upper
 107 100
 144 26.5 21.9 32.9
 142 82.1 64.6 96.8





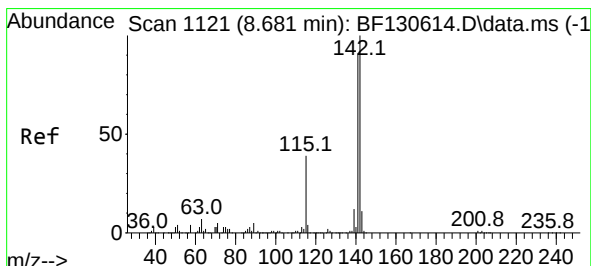
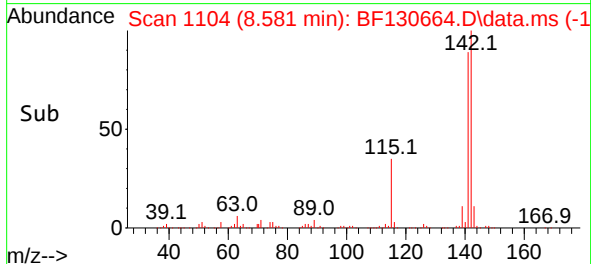
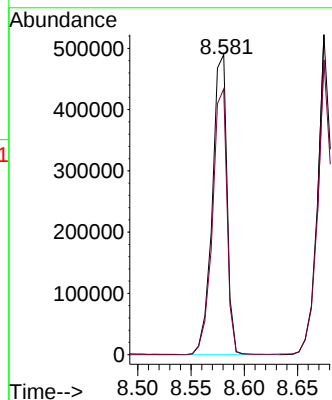
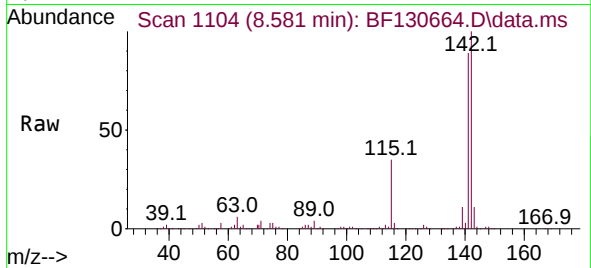
#37
2-Methylnaphthalene
Concen: 46.075 ng
RT: 8.581 min Scan# 1104
Delta R.T. -0.006 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

Instrument :
BNA_F
ClientSampleId :
PB148312BS

Tgt Ion:142 Resp: 472083
Ion Ratio Lower Upper
142 100
141 88.6 70.7 106.1

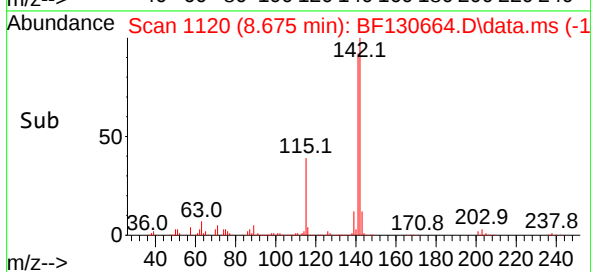
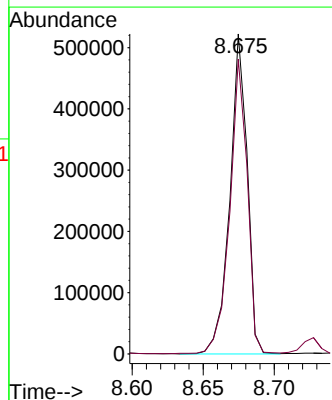
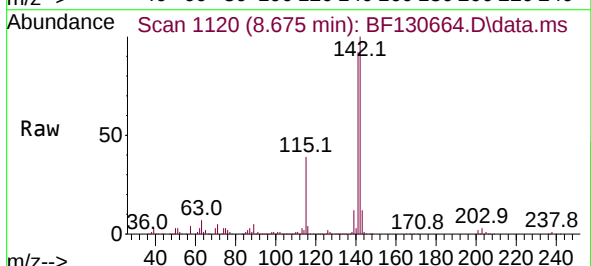
Manual Integrations
APPROVED

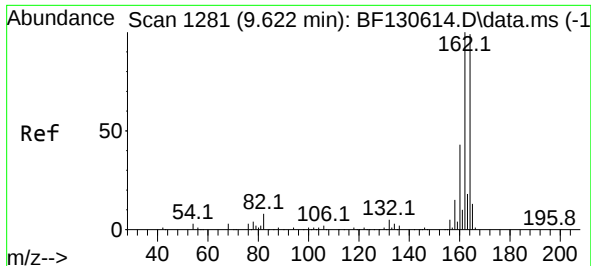
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#38
1-Methylnaphthalene
Concen: 44.454 ng
RT: 8.675 min Scan# 1120
Delta R.T. -0.006 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

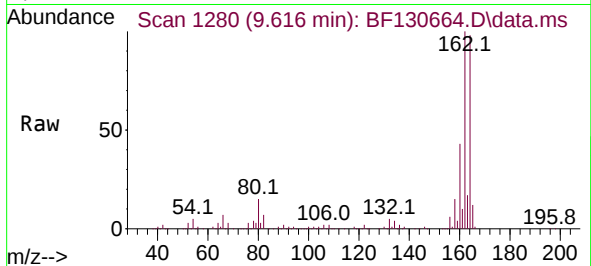
Tgt Ion:142 Resp: 442165
Ion Ratio Lower Upper
142 100
141 92.1 72.6 108.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

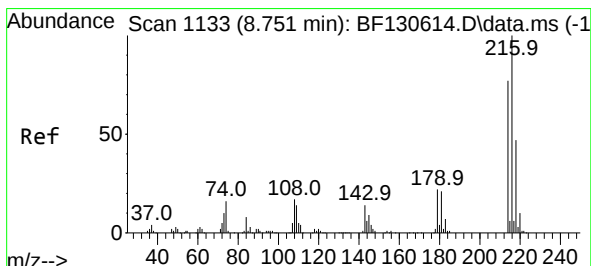
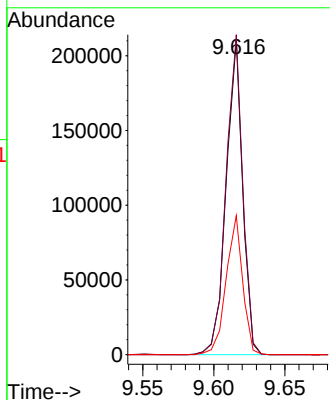
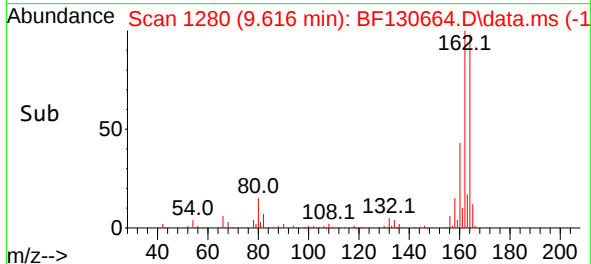
Instrument :
BNA_F
ClientSampleId :
PB148312BS



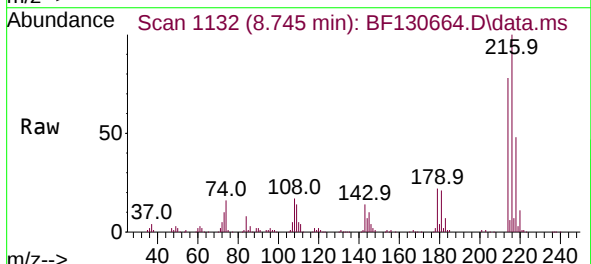
Tgt Ion:164 Resp: 169424
Ion Ratio Lower Upper
164 100
162 101.6 81.0 121.4
160 44.1 34.5 51.7

Manual Integrations
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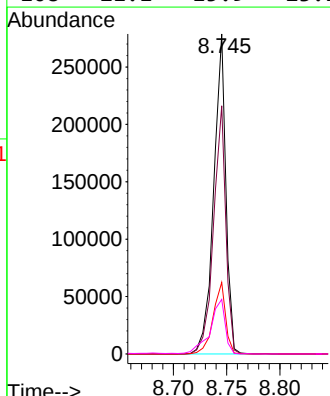
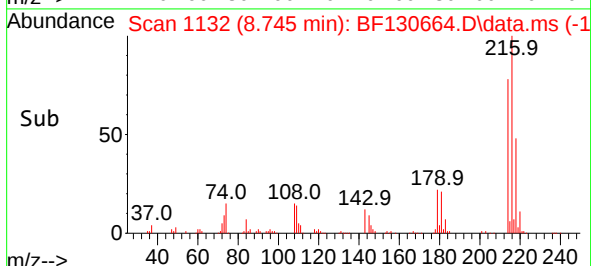
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

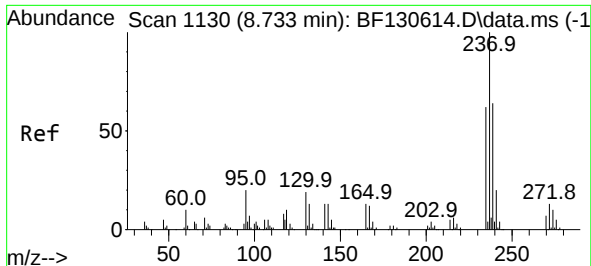


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.240 ng
RT: 8.745 min Scan# 1132
Delta R.T. -0.006 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07



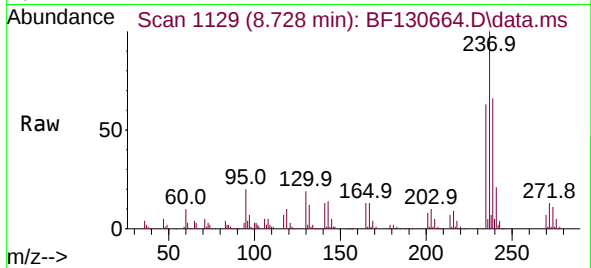
Tgt Ion:216 Resp: 221744
Ion Ratio Lower Upper
216 100
214 78.3 62.1 93.1
179 22.8 18.6 27.8
108 21.1 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 90.525 ng
RT: 8.728 min Scan# 1129
Delta R.T. -0.005 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

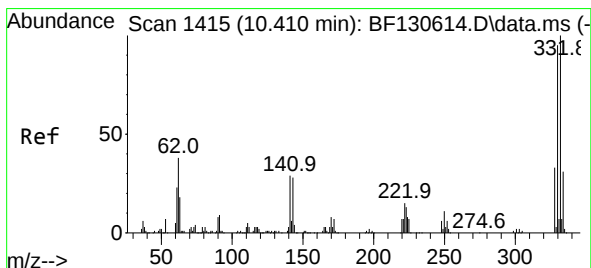
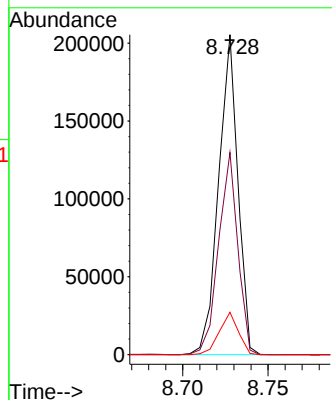
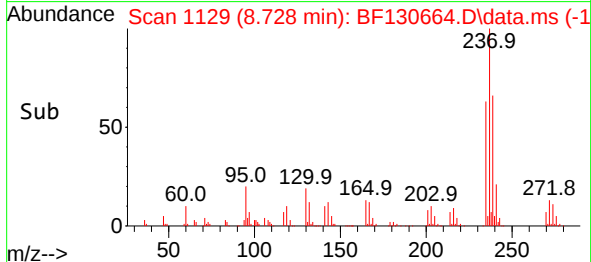
Instrument :
BNA_F
ClientSampleId :
PB148312BS



Tgt Ion:237 Resp: 161670
Ion Ratio Lower Upper
237 100
235 63.2 42.2 82.2
272 13.3 0.0 32.6

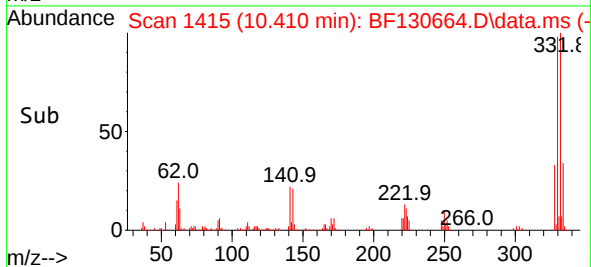
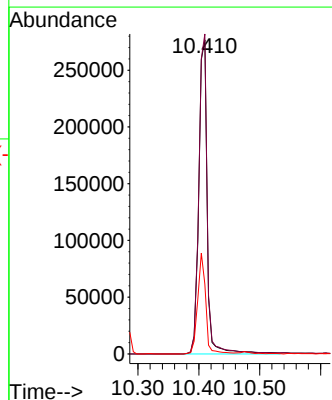
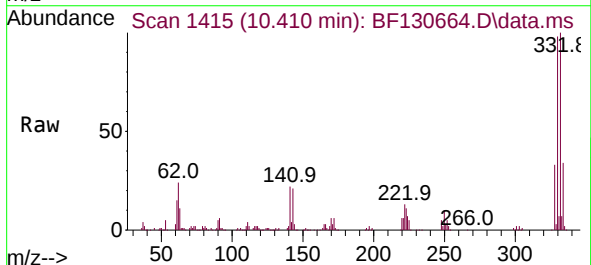
Manual Integrations
APPROVED

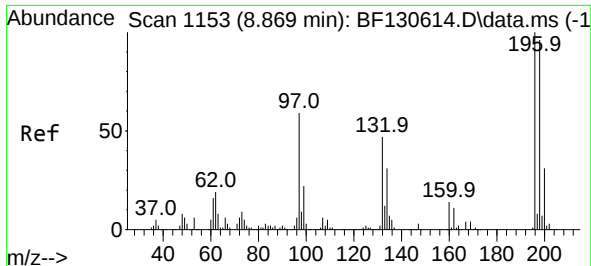
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#42
2,4,6-Tribromophenol
Concen: 160.597 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

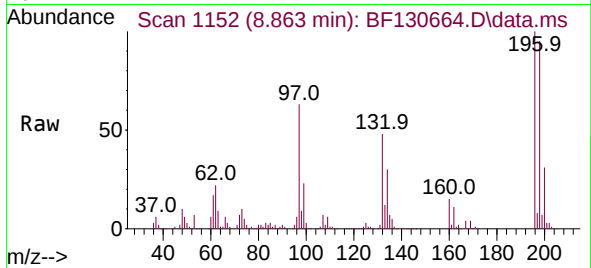
Tgt Ion:330 Resp: 266238
Ion Ratio Lower Upper
330 100
332 102.1 84.2 126.4
141 30.5 26.8 40.2





#43
2,4,6-Trichlorophenol
Concen: 45.082 ng
RT: 8.863 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

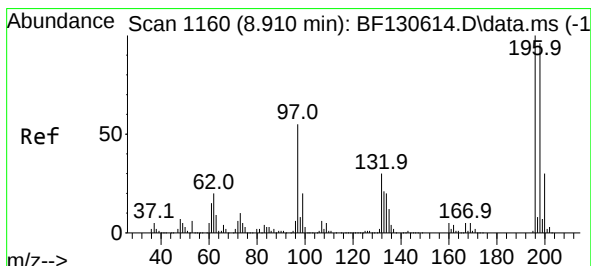
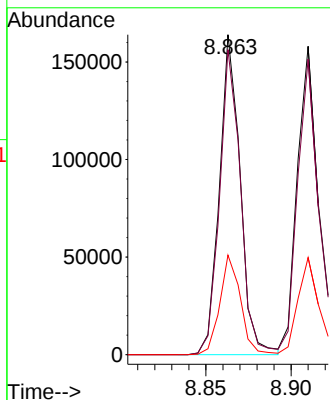
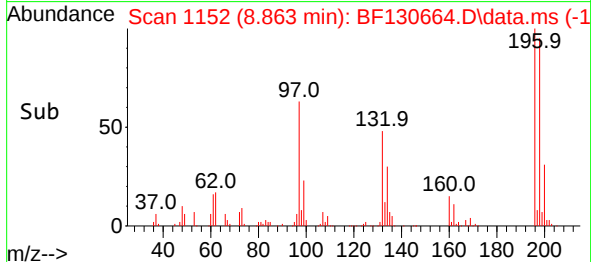
Instrument :
BNA_F
ClientSampleId :
PB148312BS



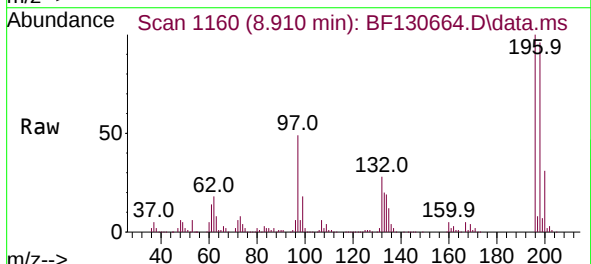
Tgt Ion:196 Resp: 139140
Ion Ratio Lower Upper
196 100
198 95.3 76.6 115.0
200 31.1 25.0 37.6

Manual Integrations
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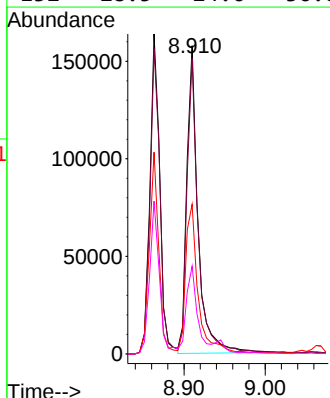
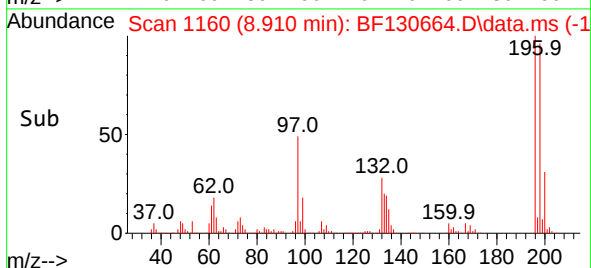
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

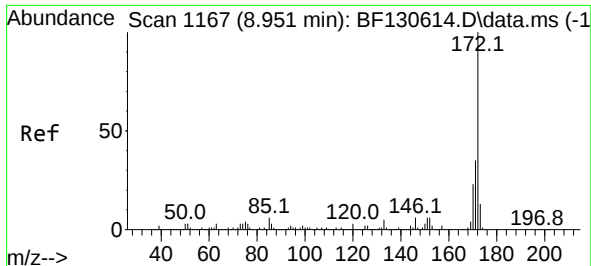


#44
2,4,5-Trichlorophenol
Concen: 44.886 ng
RT: 8.910 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07



Tgt Ion:196 Resp: 152350
Ion Ratio Lower Upper
196 100
198 95.8 76.6 114.8
97 48.5 44.3 66.5
132 28.5 24.6 36.8





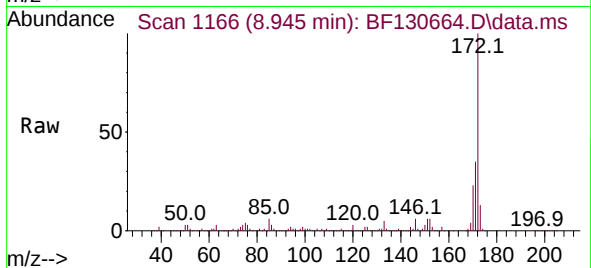
#45
2-Fluorobiphenyl
Concen: 88.477 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

Instrument :

BNA_F

ClientSampleId :

PB148312BS

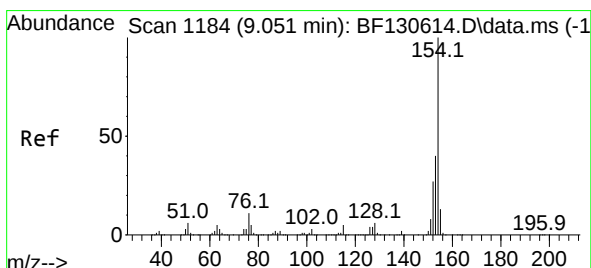
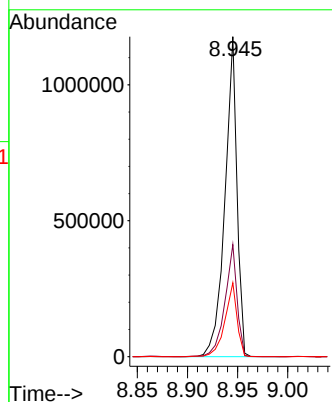
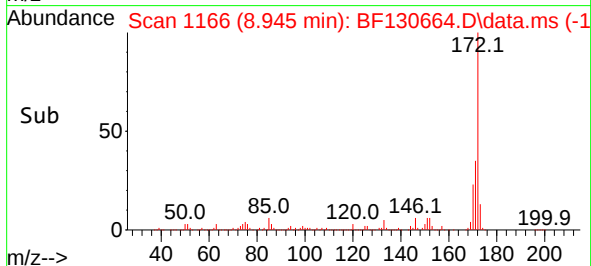


Tgt Ion:172 Resp: 989608
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 23.1 18.6 27.8

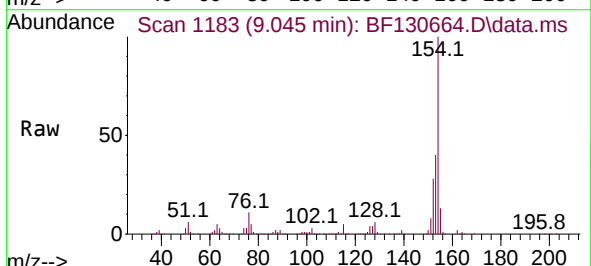
Manual Integrations

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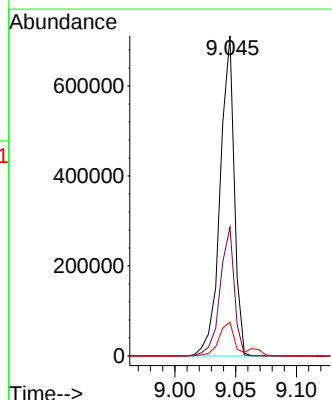
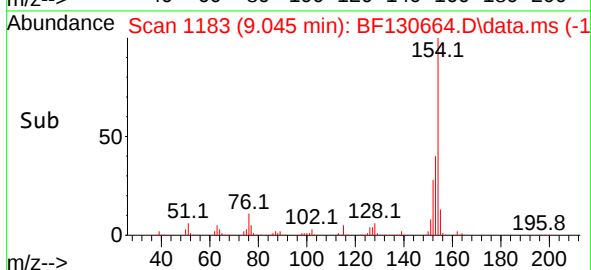
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

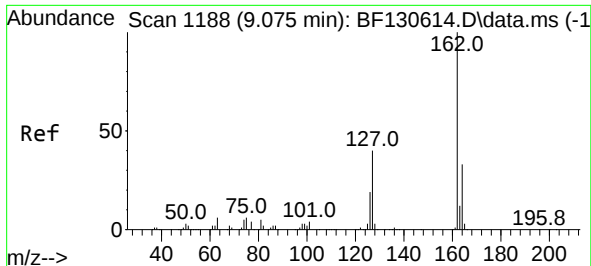


#46
1,1'-Biphenyl
Concen: 46.873 ng
RT: 9.045 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07



Tgt Ion:154 Resp: 575525
Ion Ratio Lower Upper
154 100
153 40.3 20.0 60.0
76 10.5 0.0 30.8





#47
2-Chloronaphthalene
Concen: 45.019 ng
RT: 9.069 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

Instrument :

BNA_F

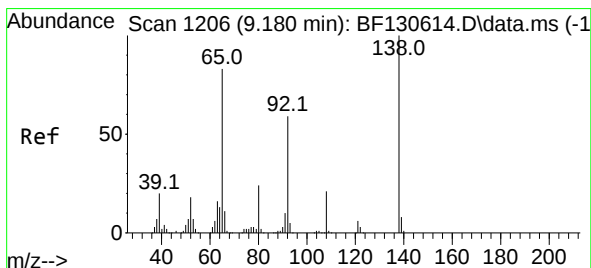
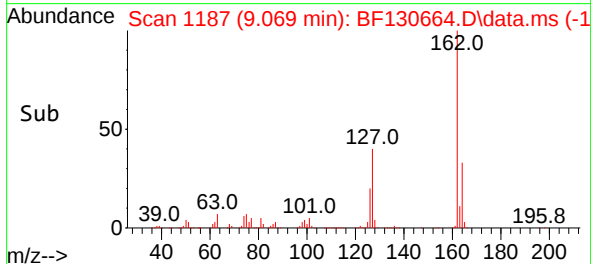
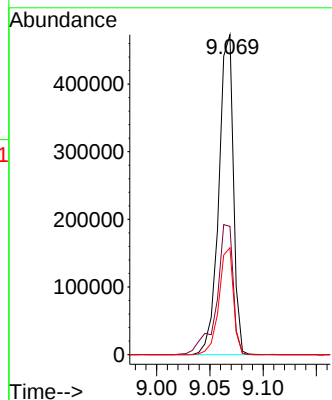
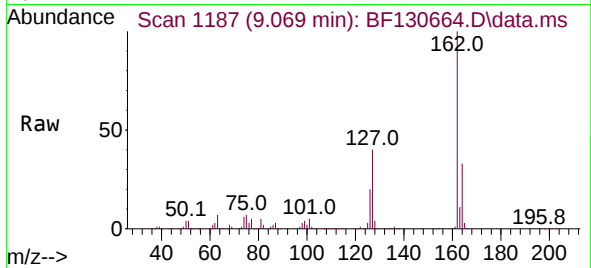
ClientSampleId :

PB148312BS

Tgt Ion:162 Resp: 45177
Ion Ratio Lower Upper
162 100
127 40.1 32.6 49.0
164 33.4 26.3 39.5

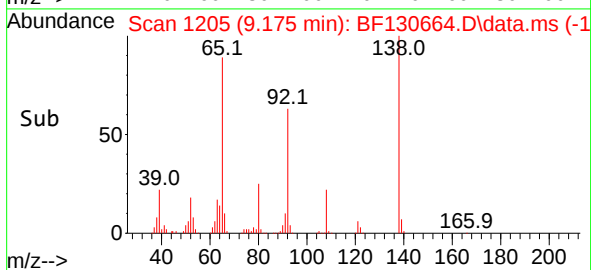
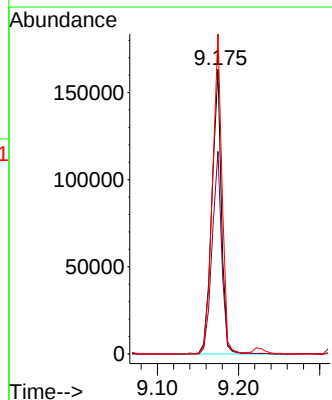
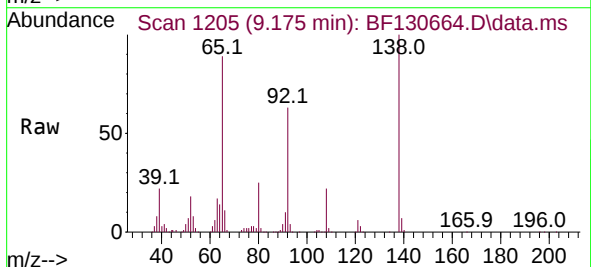
Manual Integrations
APPROVED

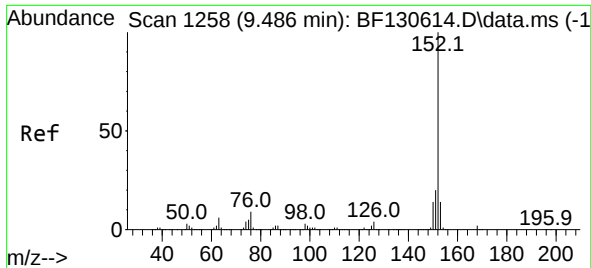
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#48
2-Nitroaniline
Concen: 44.722 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.005 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

Tgt Ion: 65 Resp: 135097
Ion Ratio Lower Upper
65 100
92 71.2 57.4 86.0
138 112.5 96.7 145.1





#49
Acenaphthylene
Concen: 45.232 ng
RT: 9.481 min Scan# 1258
Delta R.T. -0.005 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

Instrument :

BNA_F

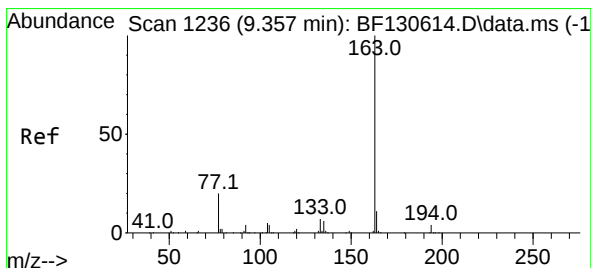
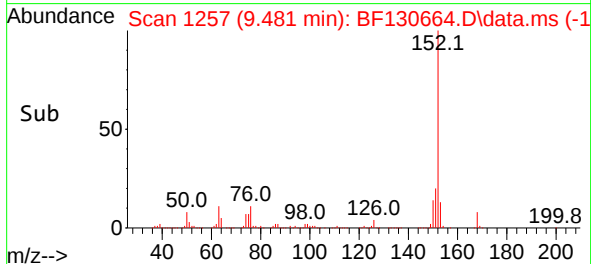
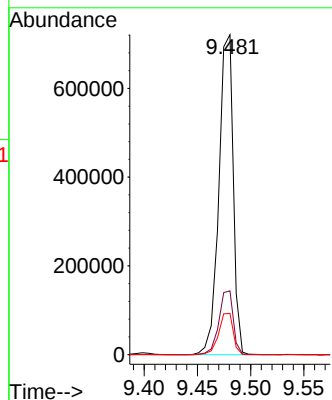
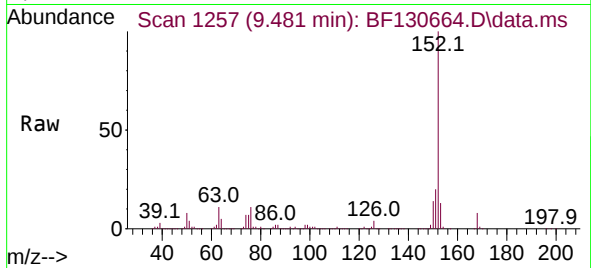
ClientSampleId :

PB148312BS

Tgt Ion:152 Resp: 680105
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 12.9 10.8 16.2

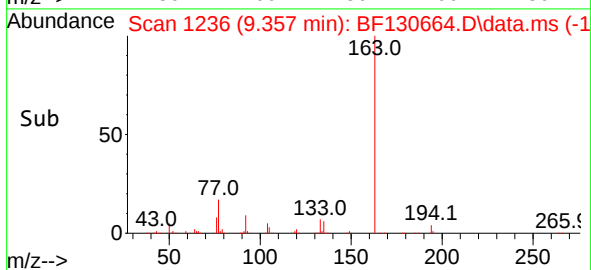
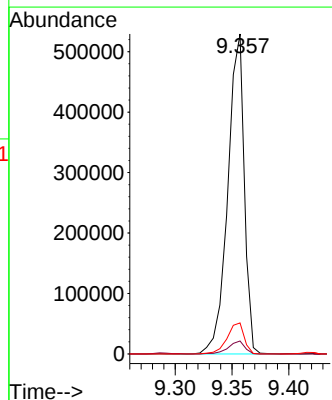
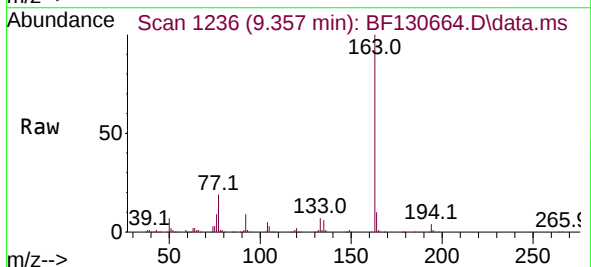
Manual Integrations
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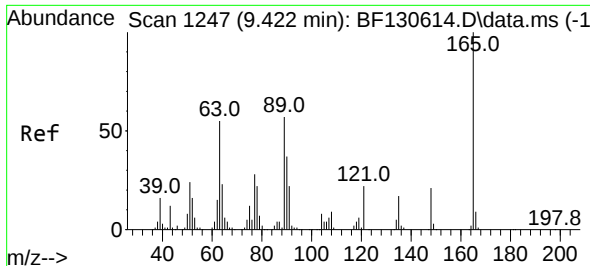
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#50
Dimethylphthalate
Concen: 45.545 ng
RT: 9.357 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

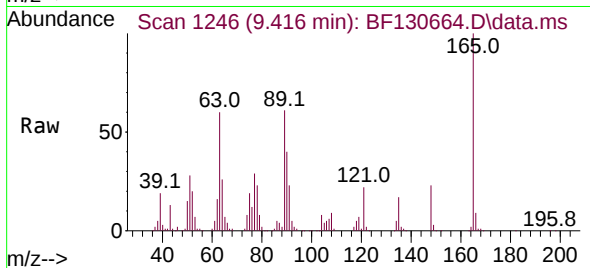
Tgt Ion:163 Resp: 534150
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 9.7 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 46.576 ng
RT: 9.416 min Scan# 1246
Delta R.T. -0.006 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

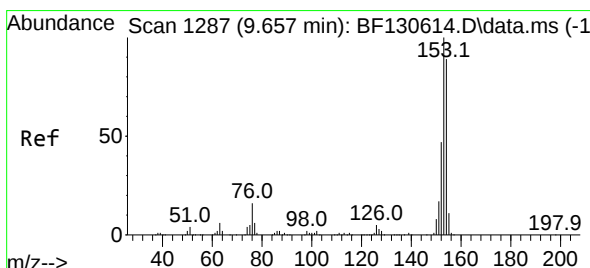
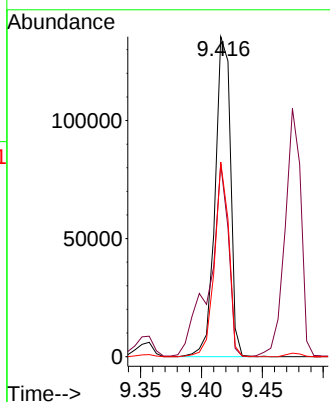
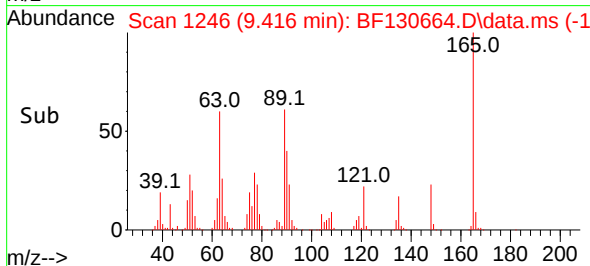
Instrument :
BNA_F
ClientSampleId :
PB148312BS



Tgt Ion:165 Resp: 119822
Ion Ratio Lower Upper
165 100
63 60.2 45.3 67.9
89 60.8 45.6 68.4

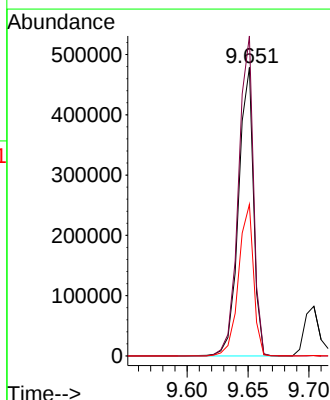
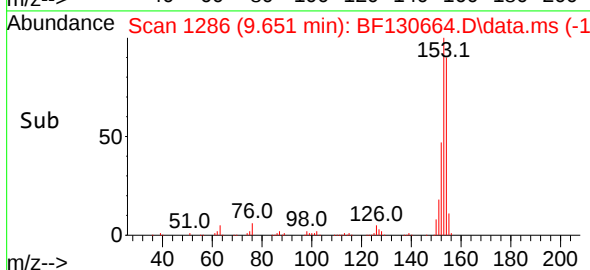
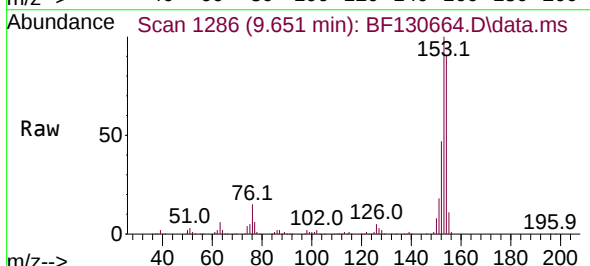
Manual Integrations
APPROVED

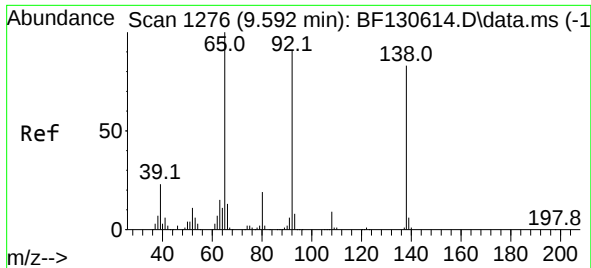
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#52
Acenaphthene
Concen: 44.837 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

Tgt Ion:154 Resp: 408458
Ion Ratio Lower Upper
154 100
153 111.0 89.6 134.4
152 52.5 42.4 63.6





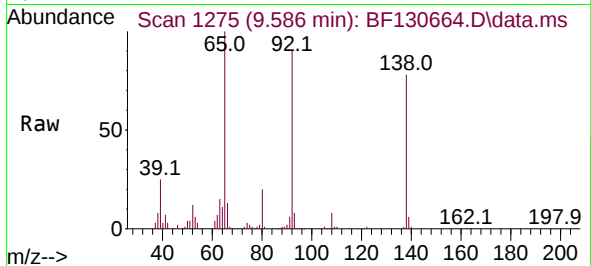
#53
3-Nitroaniline
Concen: 34.378 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

Instrument :

BNA_F

ClientSampleId :

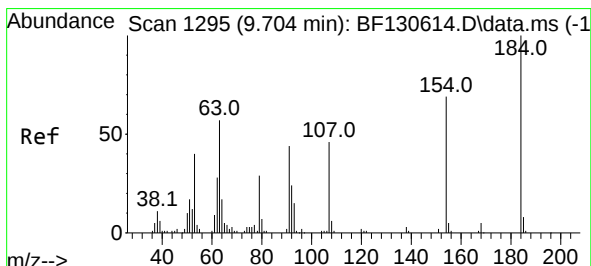
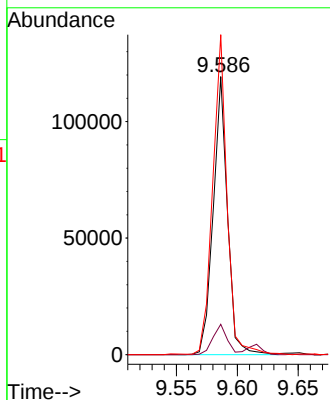
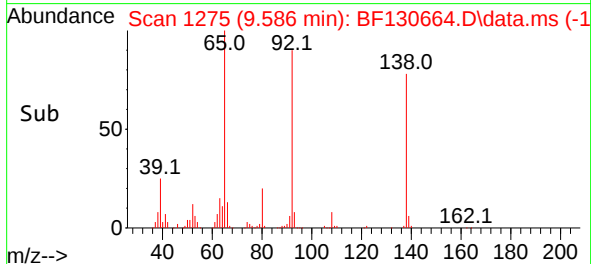
PB148312BS



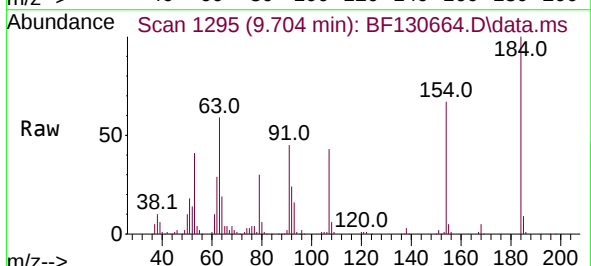
Tgt Ion:138 Resp: 96946
Ion Ratio Lower Upper
138 100
108 10.9 8.4 12.6
92 115.1 88.2 132.4

Manual Integrations
APPROVED

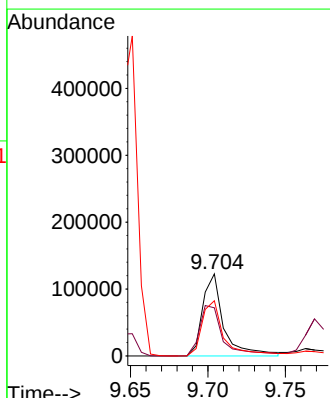
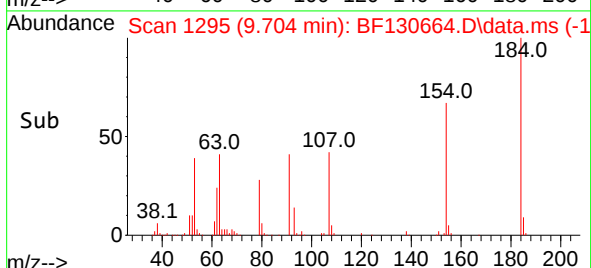
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

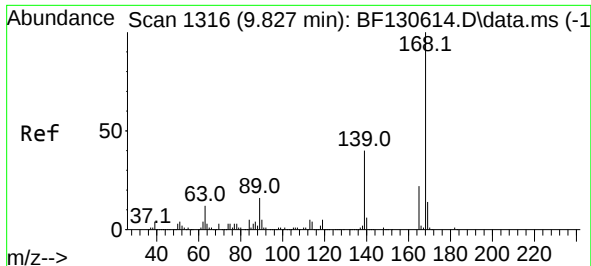


#54
2,4-Dinitrophenol
Concen: 88.526 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07



Tgt Ion:184 Resp: 116792
Ion Ratio Lower Upper
184 100
63 58.6 45.5 68.3
154 67.2 55.1 82.7





#55

Dibenzenofuran

Concen: 46.010 ng

RT: 9.822 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF130664.D

Acq: 14 Oct 2022 13:07

Instrument :

BNA_F

ClientSampleId :

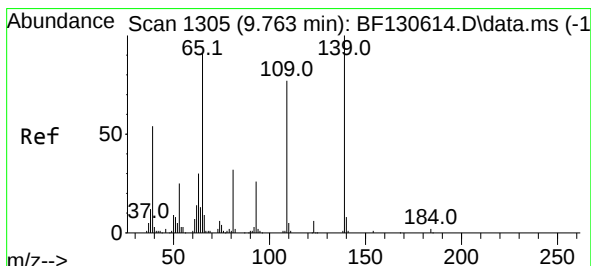
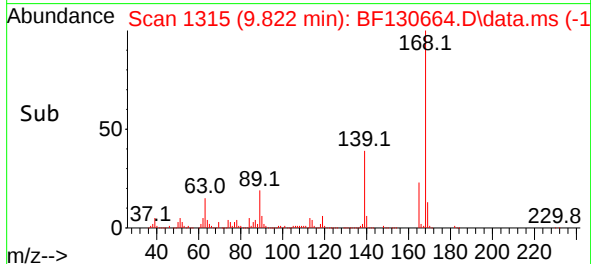
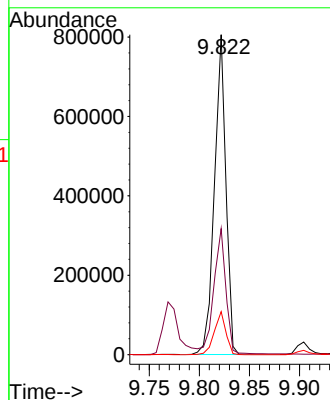
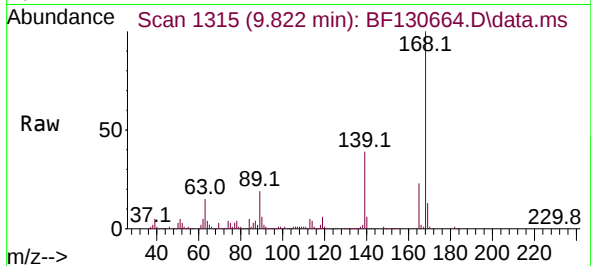
PB148312BS

Tgt Ion:168	Resp: 638513
Ion Ratio	Lower Upper
168 100	
139 39.4	33.0 49.4
169 13.4	10.9 16.3

Manual Integrations

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Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#56

4-Nitrophenol

Concen: 92.870 ng

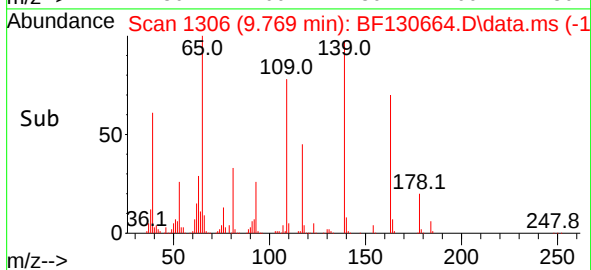
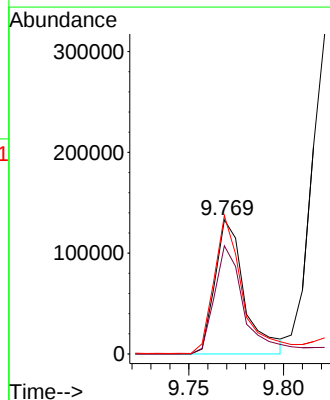
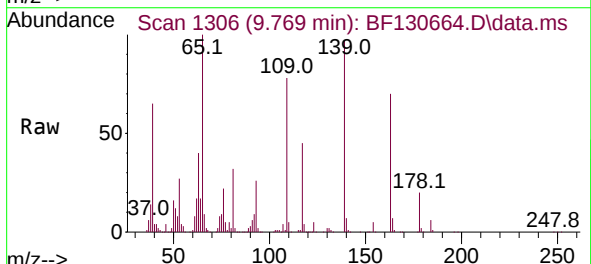
RT: 9.769 min Scan# 1306

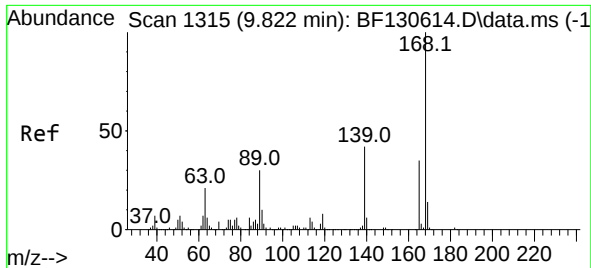
Delta R.T. 0.006 min

Lab File: BF130664.D

Acq: 14 Oct 2022 13:07

Tgt Ion:139	Resp: 144402
Ion Ratio	Lower Upper
139 100	
109 80.7	57.4 97.4
65 103.2	71.3 111.3





#57

2,4-Dinitrotoluene

Concen: 48.178 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.000 min

Lab File: BF130664.D

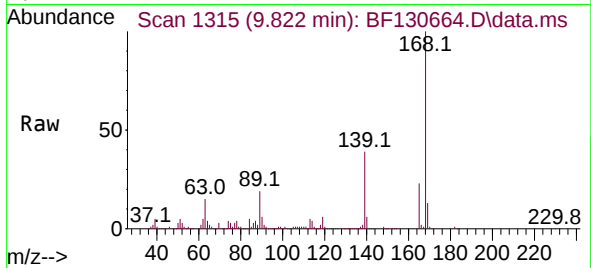
Acq: 14 Oct 2022 13:07

Instrument :

BNA_F

ClientSampleId :

PB148312BS



Tgt Ion:165 Resp: 159294

Ion Ratio Lower Upper

165 100

63 64.3 50.6 76.0

89 83.2 68.6 102.8

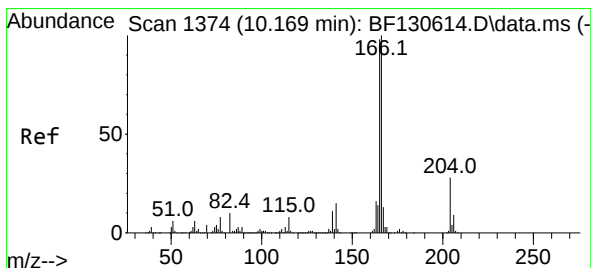
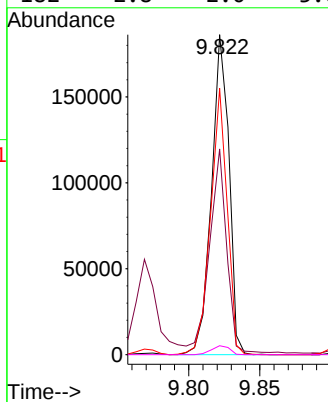
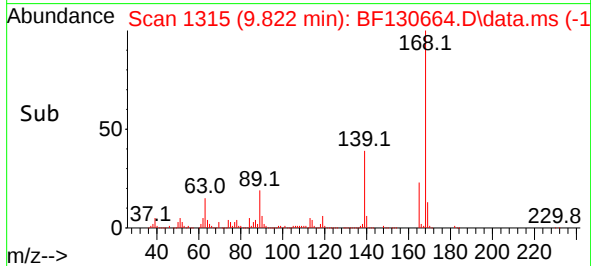
182 2.8 2.0 3.0

Manual Integrations

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Reviewed By :Christian Giraldo 10/17/2022

Supervised By :mohammad ahmed 10/18/2022



#58

Fluorene

Concen: 45.682 ng

RT: 10.163 min Scan# 1373

Delta R.T. -0.006 min

Lab File: BF130664.D

Acq: 14 Oct 2022 13:07

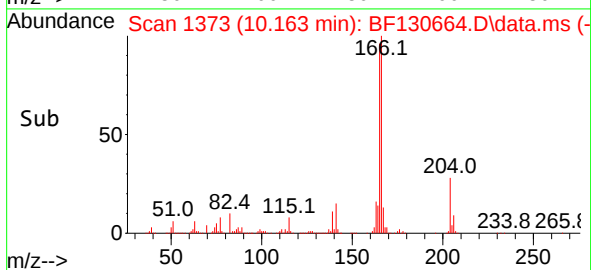
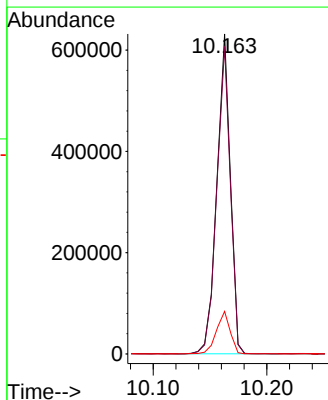
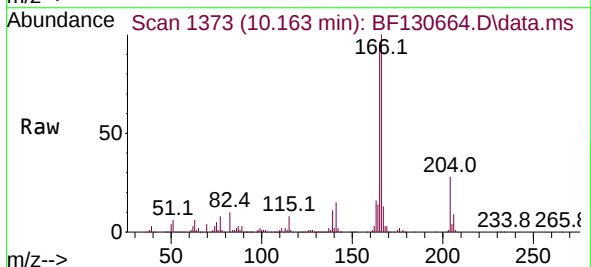
Tgt Ion:166 Resp: 521205

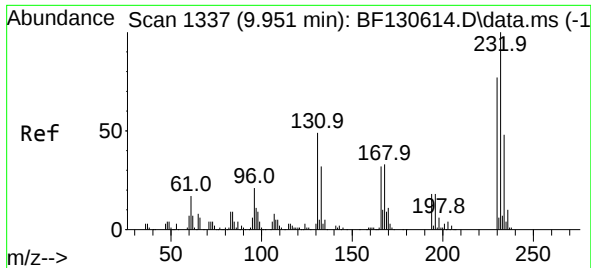
Ion Ratio Lower Upper

166 100

165 96.0 78.2 117.4

167 13.3 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.778 ng

RT: 9.945 min Scan# 1337

Delta R.T. -0.006 min

Lab File: BF130664.D

Acq: 14 Oct 2022 13:07

Instrument :

BNA_F

ClientSampleId :

PB148312BS

Tgt Ion:232 Resp: 115756

Ion Ratio Lower Upper

232 100

131 52.8 41.4 62.0

130 2.9 2.1 3.1

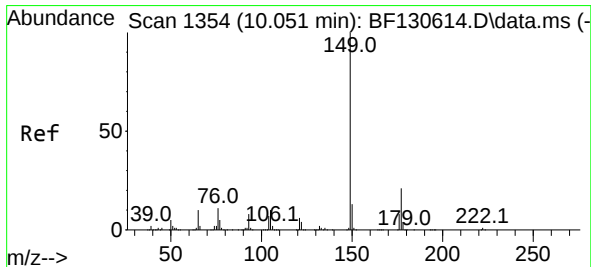
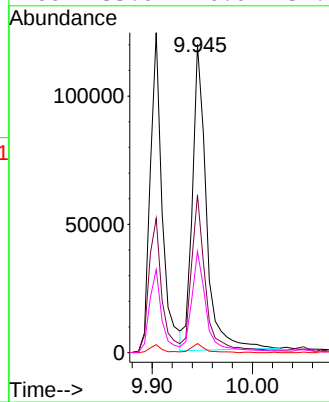
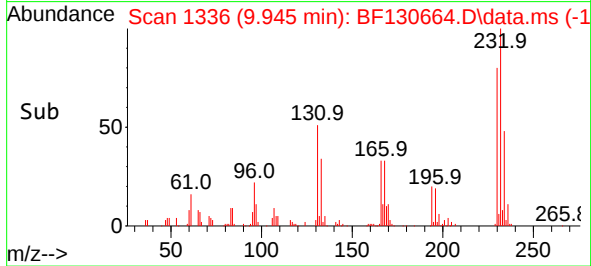
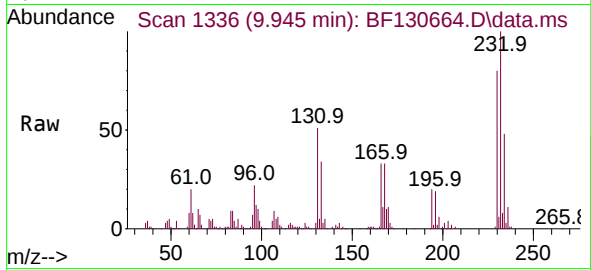
166 33.6 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/17/2022

Supervised By :mohammad ahmed 10/18/2022



#60

Diethylphthalate

Concen: 44.288 ng

RT: 10.051 min Scan# 1354

Delta R.T. 0.000 min

Lab File: BF130664.D

Acq: 14 Oct 2022 13:07

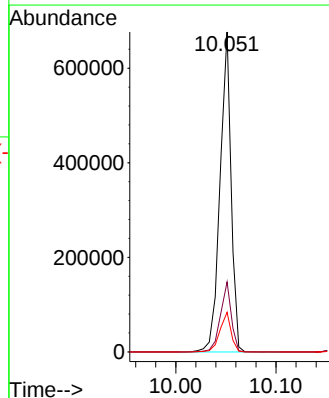
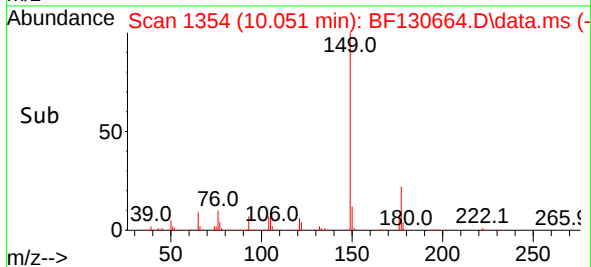
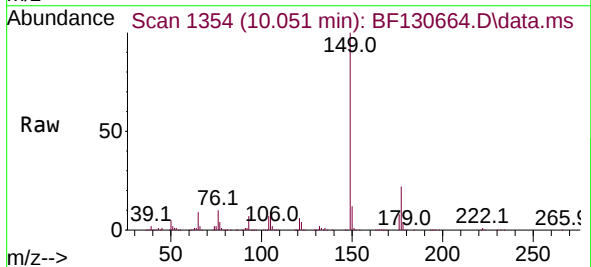
Tgt Ion:149 Resp: 518234

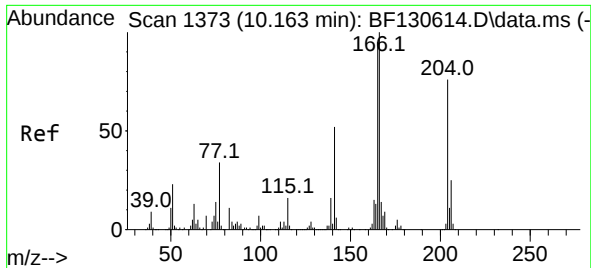
Ion Ratio Lower Upper

149 100

177 21.9 16.7 25.1

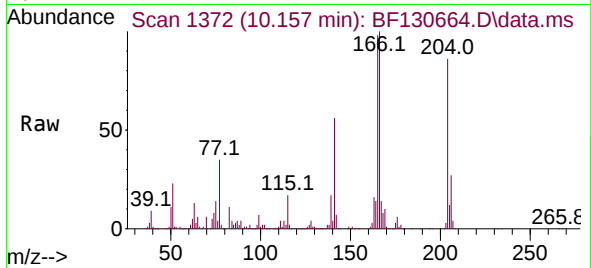
150 12.4 10.5 15.7





#61
4-Chlorophenyl-phenylether
Concen: 47.316 ng
RT: 10.157 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

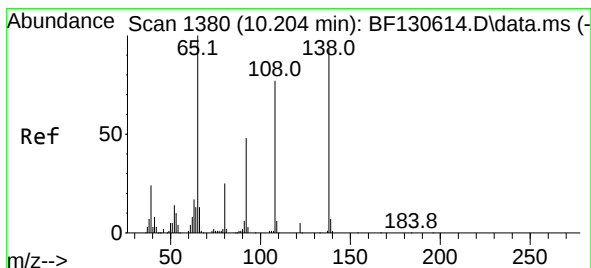
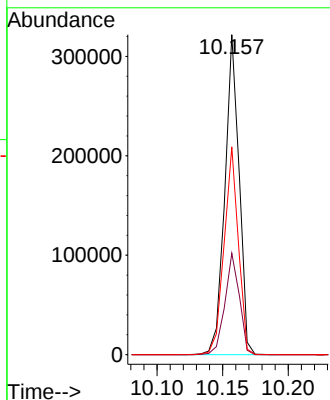
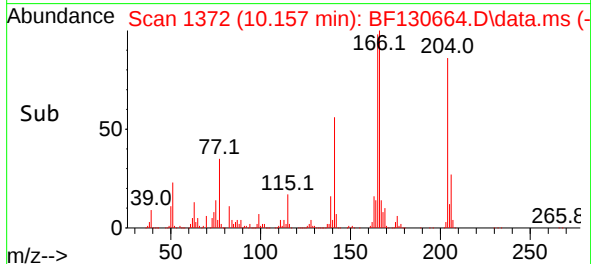
Instrument :
BNA_F
ClientSampleId :
PB148312BS



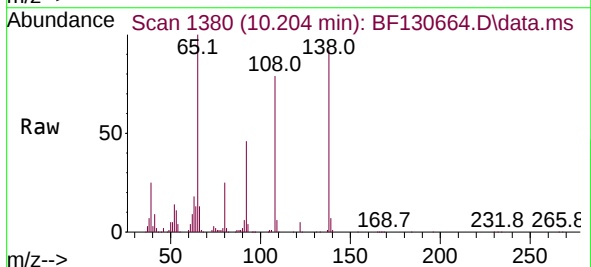
Tgt Ion:204 Resp: 244068
Ion Ratio Lower Upper
204 100
206 31.7 26.1 39.1
141 65.0 54.6 81.8

Manual Integrations
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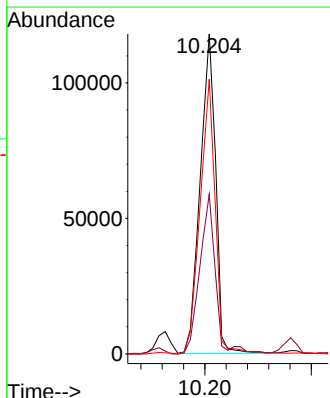
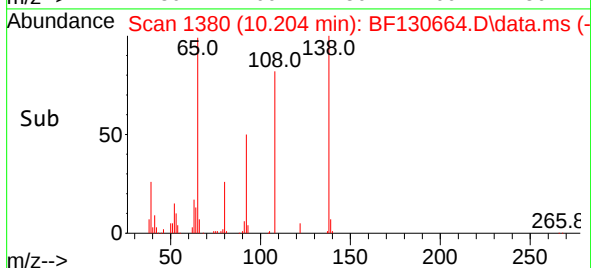
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

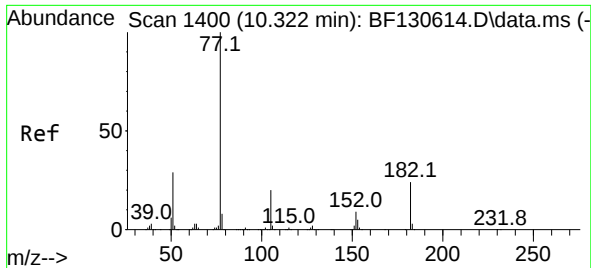


#62
4-Nitroaniline
Concen: 43.932 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07



Tgt Ion:138 Resp: 118283
Ion Ratio Lower Upper
138 100
92 49.8 31.1 71.1
108 85.8 62.1 102.1





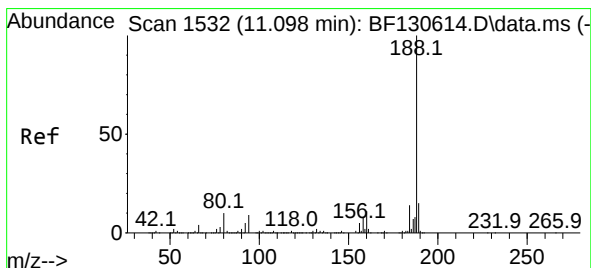
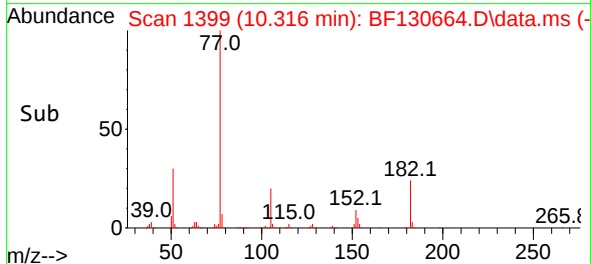
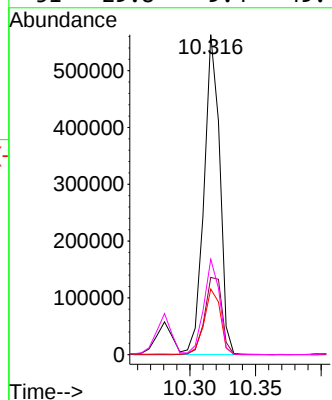
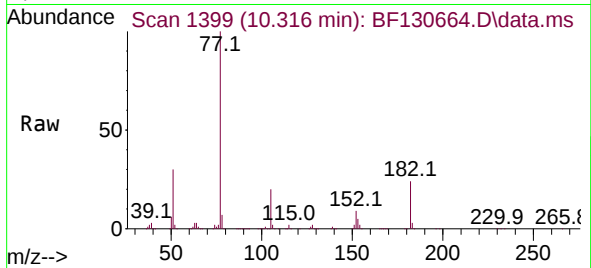
#63
Azobenzene
Concen: 42.428 ng
RT: 10.316 min Scan# 1399
Delta R.T. -0.006 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

Instrument :
BNA_F
ClientSampleId :
PB148312BS

Tgt Ion: 77 Resp: 467616
Ion Ratio Lower Upper
77 100
182 24.1 3.8 43.8
105 20.5 0.3 40.3
51 29.8 9.4 49.4

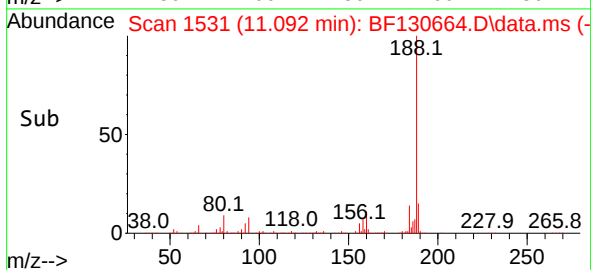
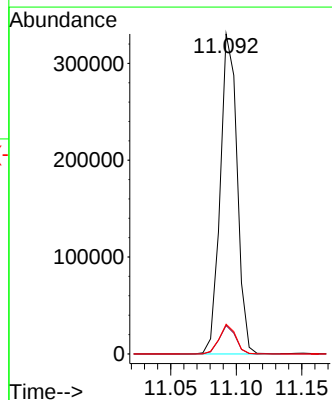
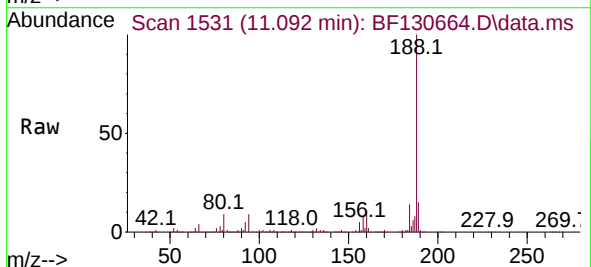
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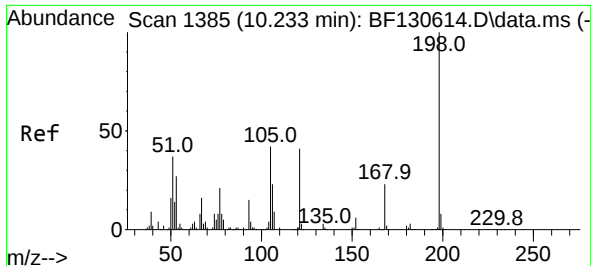
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.092 min Scan# 1531
Delta R.T. -0.006 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

Tgt Ion:188 Resp: 297318
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.2
80 9.3 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 45.338 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

Instrument :

BNA_F

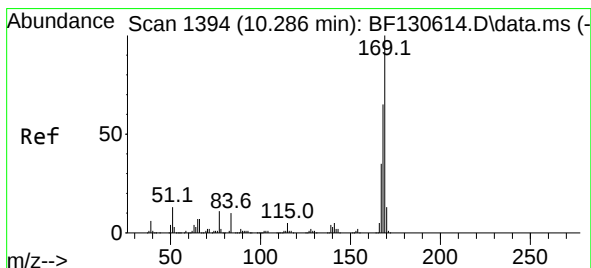
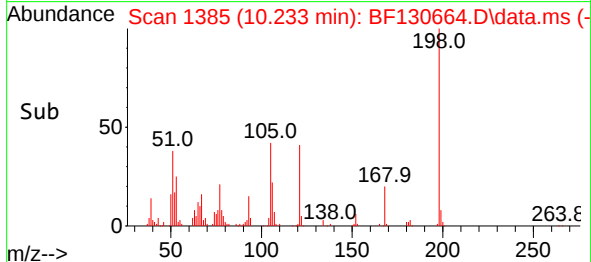
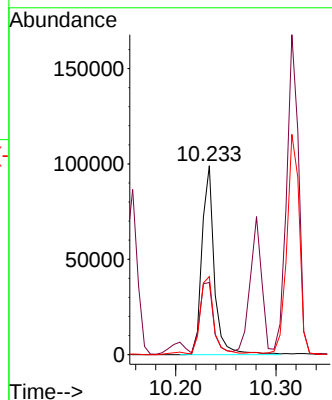
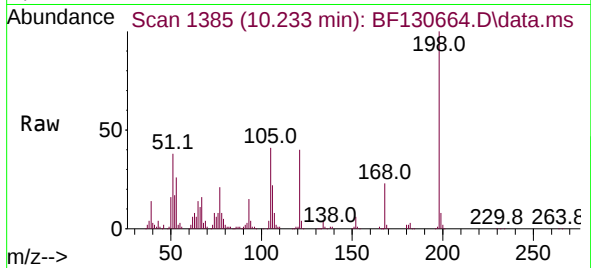
ClientSampleId :

PB148312BS

Tgt Ion:198 Resp: 84239
Ion Ratio Lower Upper
198 100
51 38.1 18.7 58.7
105 41.2 22.0 62.0

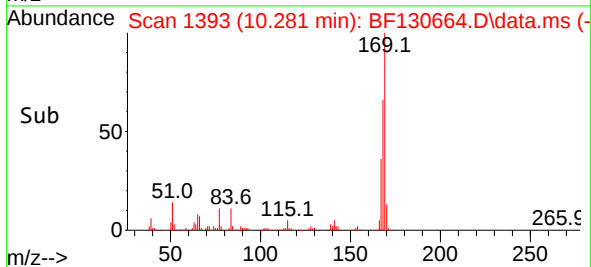
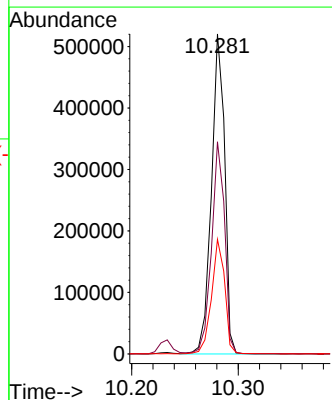
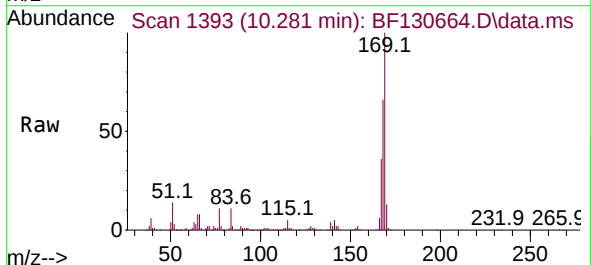
Manual Integrations
APPROVED

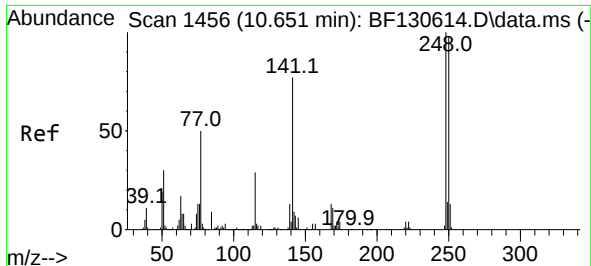
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#66
n-Nitrosodiphenylamine
Concen: 45.429 ng
RT: 10.281 min Scan# 1393
Delta R.T. -0.006 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

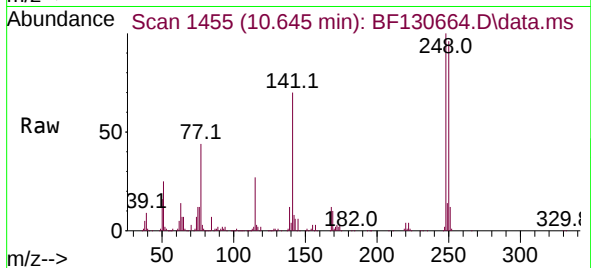
Tgt Ion:169 Resp: 449294
Ion Ratio Lower Upper
169 100
168 66.3 52.2 78.4
167 35.8 28.3 42.5





#67
4-Bromophenyl-phenylether
Concen: 47.320 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

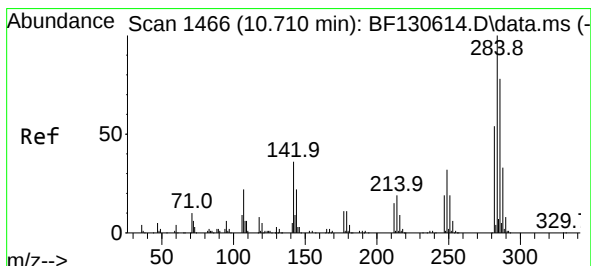
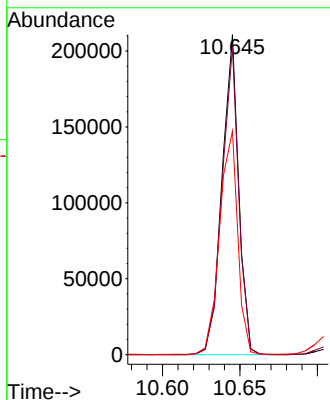
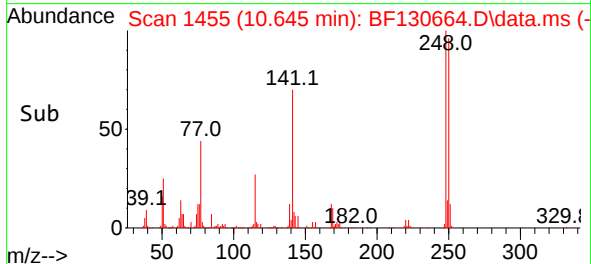
Instrument :
BNA_F
ClientSampleId :
PB148312BS



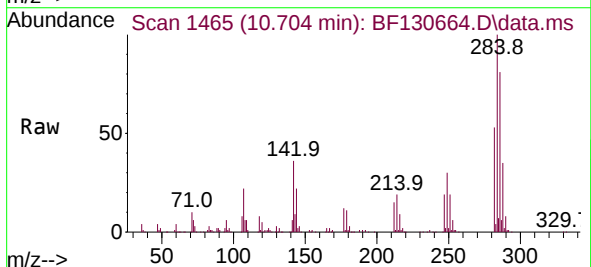
Tgt Ion:248 Resp: 159190
Ion Ratio Lower Upper
248 100
250 96.2 78.7 118.1
141 69.8 61.6 92.4

Manual Integrations
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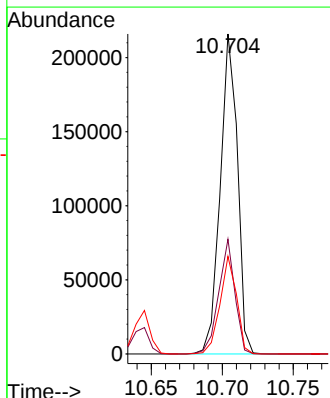
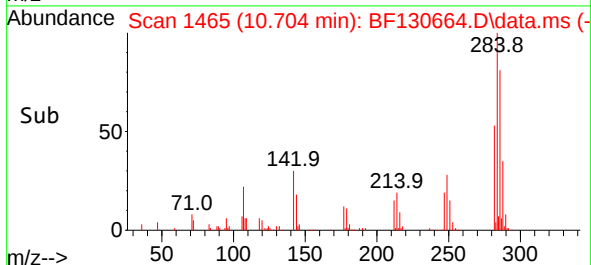
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

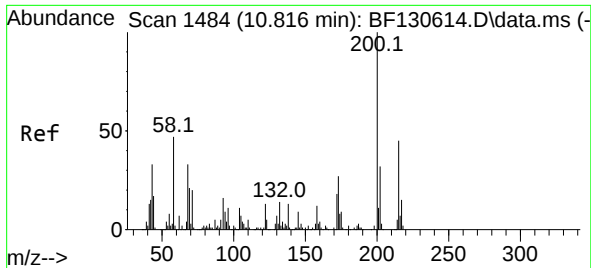


#68
Hexachlorobenzene
Concen: 47.948 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07



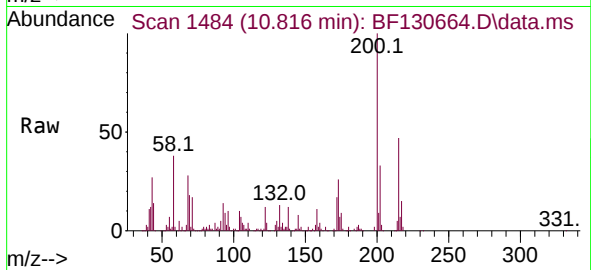
Tgt Ion:284 Resp: 182341
Ion Ratio Lower Upper
284 100
142 35.8 28.6 42.8
249 30.5 25.2 37.8





#69
 Atrazine
 Concen: 55.752 ng
 RT: 10.816 min Scan# 1484
 Delta R.T. 0.000 min
 Lab File: BF130664.D
 Acq: 14 Oct 2022 13:07

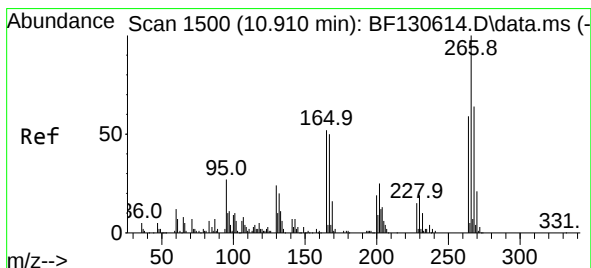
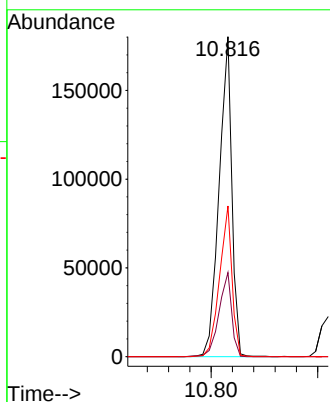
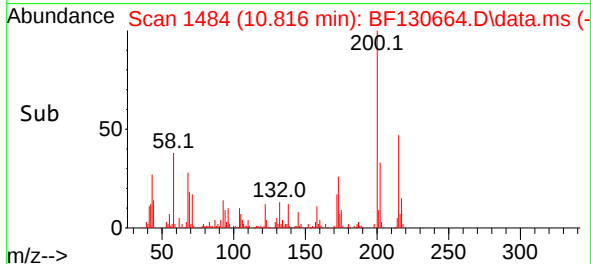
Instrument :
 BNA_F
 ClientSampleId :
 PB148312BS



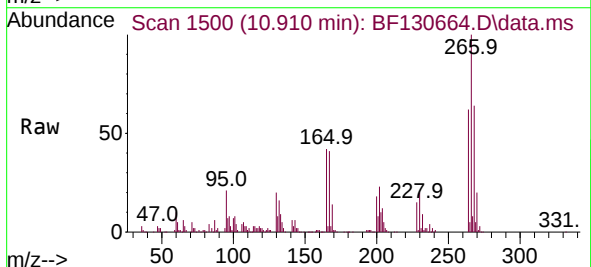
Tgt Ion:200 Resp: 150144
 Ion Ratio Lower Upper
 200 100
 173 26.3 7.1 47.1
 215 47.1 24.9 64.9

Manual Integrations
 APPROVED

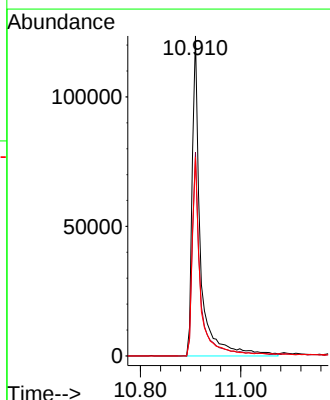
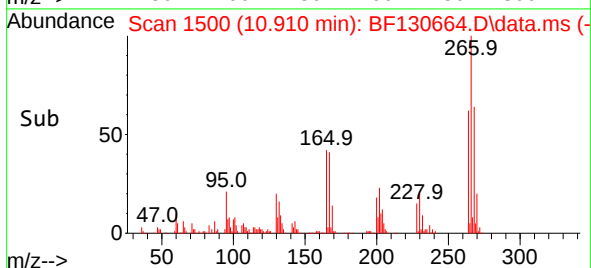
Reviewed By :Christian Giraldo 10/17/2022
 Supervised By :mohammad ahmed 10/18/2022

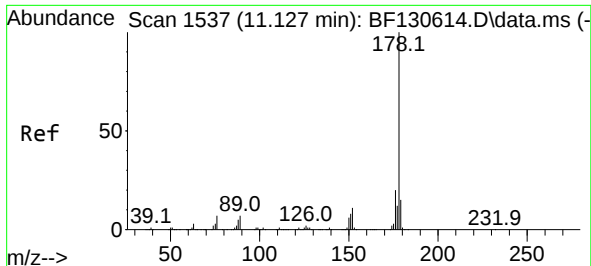


#70
 Pentachlorophenol
 Concen: 96.161 ng
 RT: 10.910 min Scan# 1500
 Delta R.T. -0.000 min
 Lab File: BF130664.D
 Acq: 14 Oct 2022 13:07



Tgt Ion:266 Resp: 142326
 Ion Ratio Lower Upper
 266 100
 268 63.6 50.8 76.2
 264 62.2 47.5 71.3





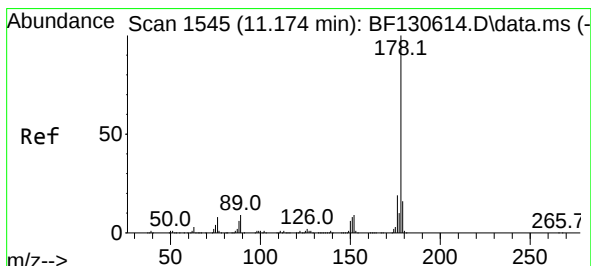
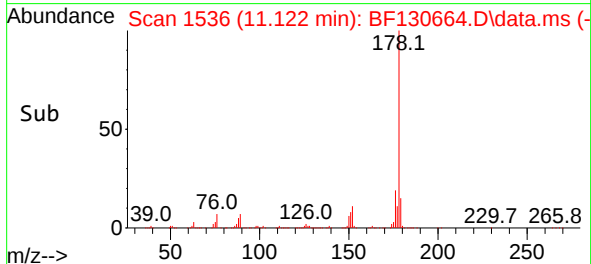
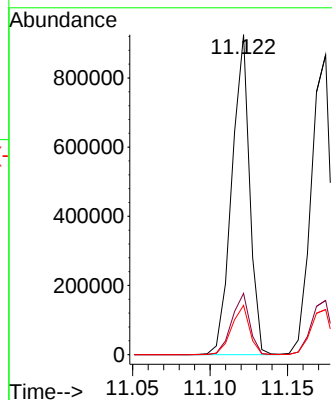
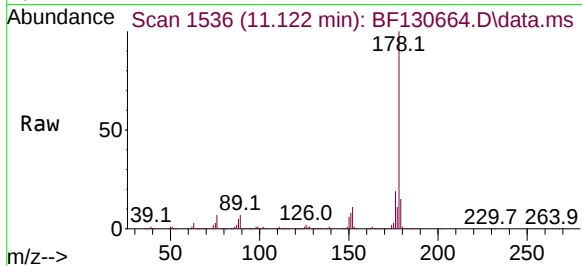
#71
Phenanthrene
Concen: 45.041 ng
RT: 11.122 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

Instrument :
BNA_F
ClientSampleId :
PB148312BS

Tgt Ion:178 Resp: 741942
Ion Ratio Lower Upper
178 100
176 19.1 15.7 23.5
179 15.4 12.2 18.4

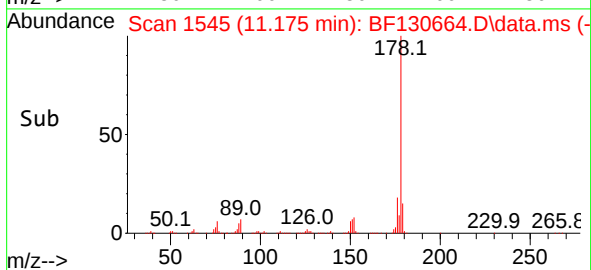
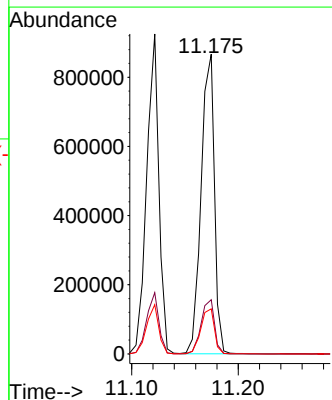
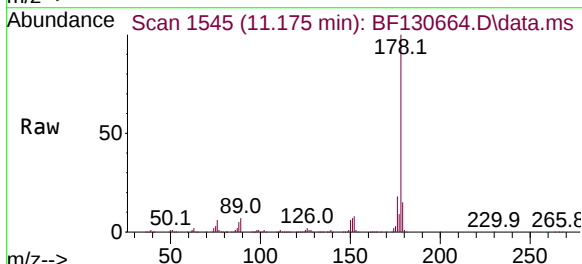
Manual Integrations
APPROVED

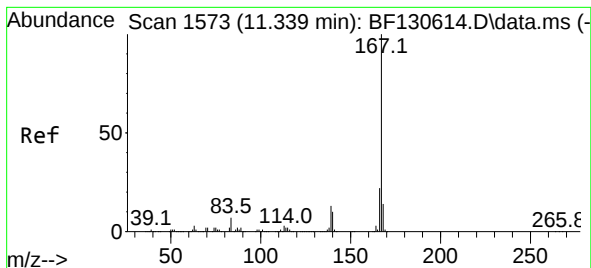
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#72
Anthracene
Concen: 46.457 ng
RT: 11.175 min Scan# 1545
Delta R.T. 0.000 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

Tgt Ion:178 Resp: 747388
Ion Ratio Lower Upper
178 100
176 18.1 15.0 22.4
179 15.0 12.5 18.7





#73

Carbazole

Concen: 47.383 ng

RT: 11.333 min Scan# 1573

Delta R.T. -0.006 min

Lab File: BF130664.D

Acq: 14 Oct 2022 13:07

Instrument :

BNA_F

ClientSampleId :

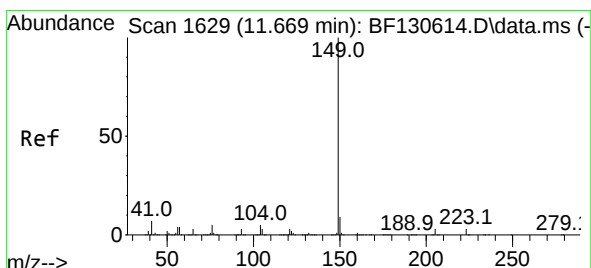
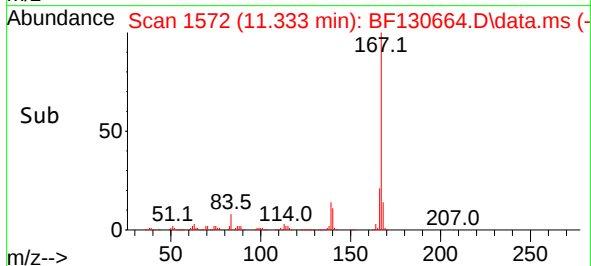
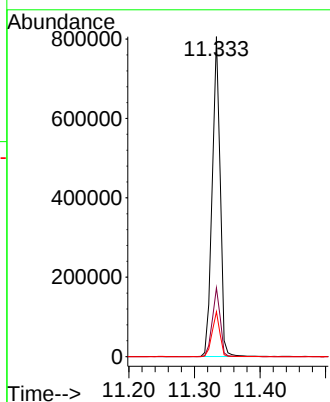
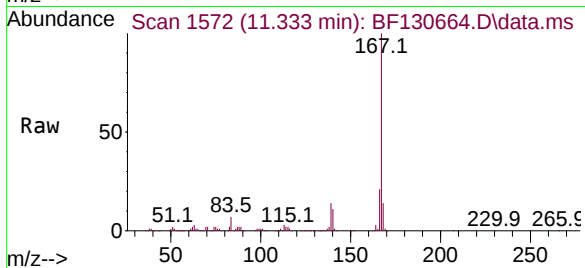
PB148312BS

Tgt Ion:167	Resp: 680199
Ion Ratio	Lower Upper
167 100	
166 21.5	17.3 25.9
139 14.0	10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#74

Di-n-butylphthalate

Concen: 45.833 ng

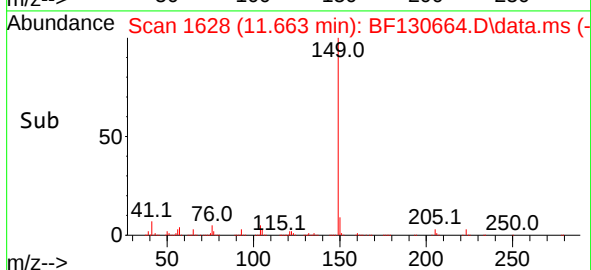
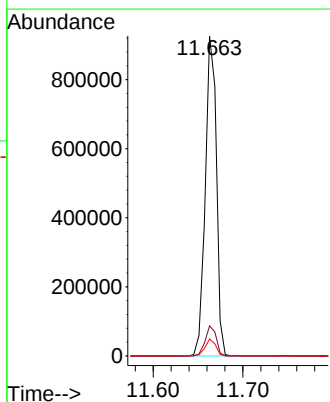
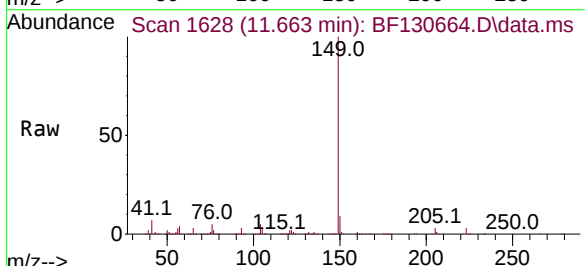
RT: 11.663 min Scan# 1628

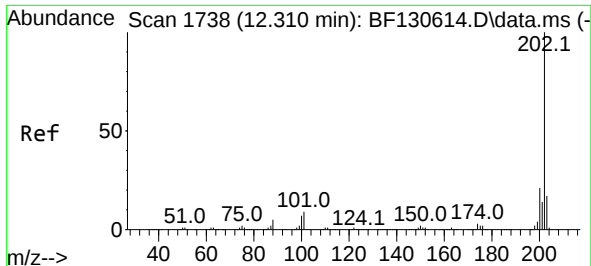
Delta R.T. -0.006 min

Lab File: BF130664.D

Acq: 14 Oct 2022 13:07

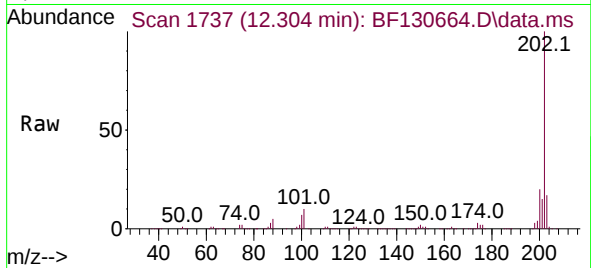
Tgt Ion:149	Resp: 796991
Ion Ratio	Lower Upper
149 100	
150 9.4	7.5 11.3
104 5.3	4.2 6.2





#75
Fluoranthene
Concen: 48.090 ng
RT: 12.304 min Scan# 1737
Delta R.T. -0.006 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

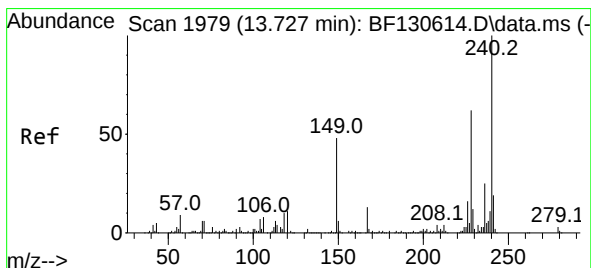
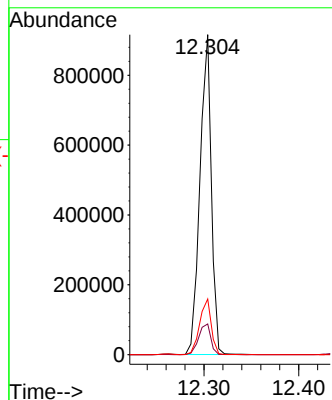
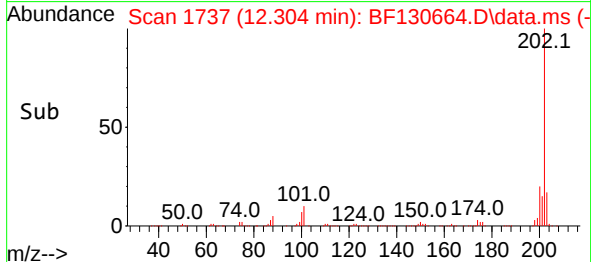
Instrument :
BNA_F
ClientSampleId :
PB148312BS



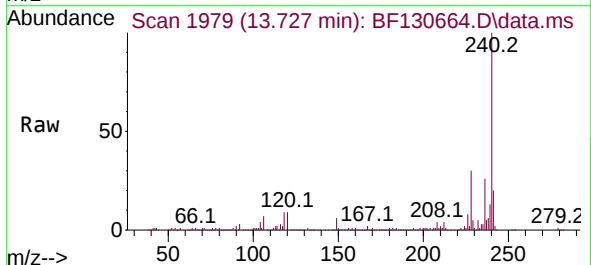
Tgt Ion:202 Resp: 761346
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.1
203 17.4 0.0 37.3

Manual Integrations
APPROVED

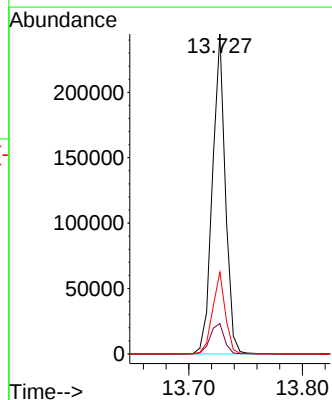
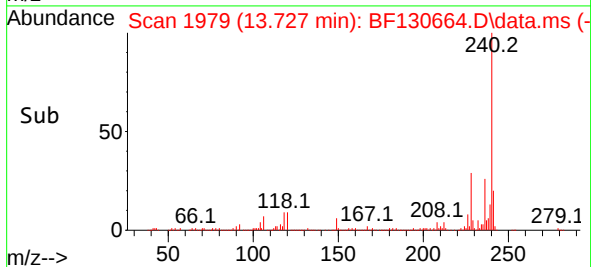
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

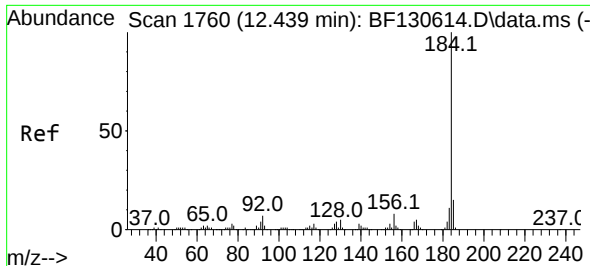


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.727 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07



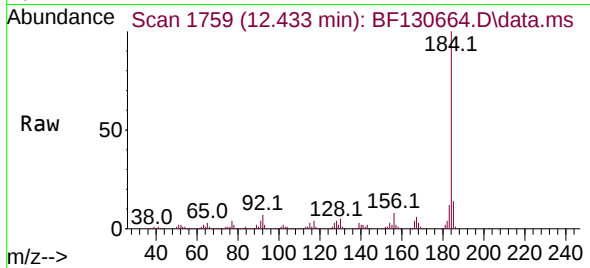
Tgt Ion:240 Resp: 193467
Ion Ratio Lower Upper
240 100
120 9.5 8.6 13.0
236 25.6 20.2 30.4





#77
Benzidine
Concen: 56.874 ng
RT: 12.433 min Scan# 1759
Delta R.T. -0.006 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

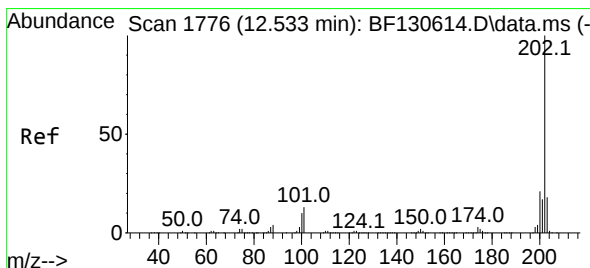
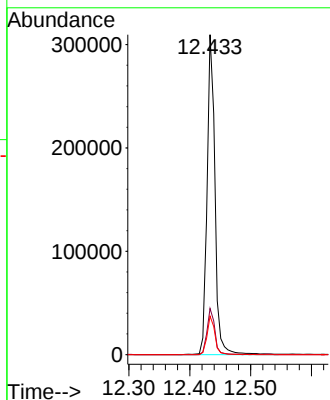
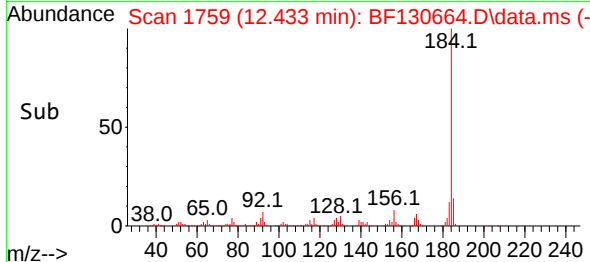
Instrument :
BNA_F
ClientSampleId :
PB148312BS



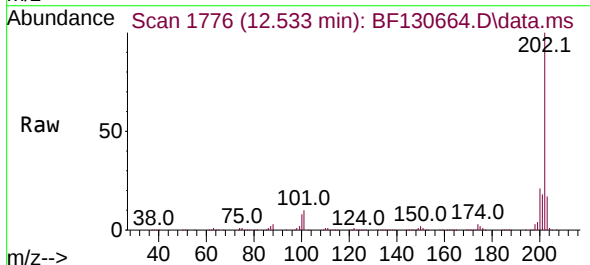
Tgt Ion:184 Resp: 27812
Ion Ratio Lower Upper
184 100
185 14.4 12.0 18.0
183 12.1 9.0 13.4

Manual Integrations
APPROVED

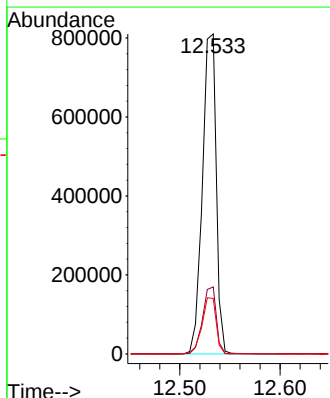
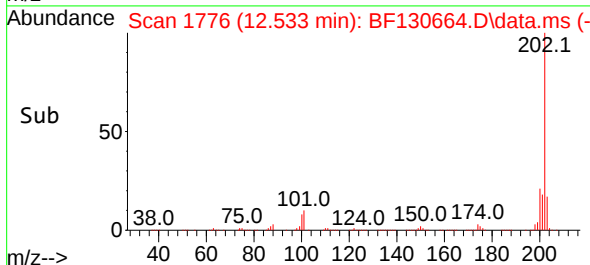
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

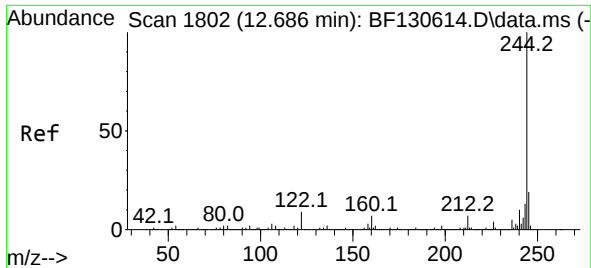


#78
Pyrene
Concen: 46.435 ng
RT: 12.533 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07



Tgt Ion:202 Resp: 775017
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.3 14.0 21.0





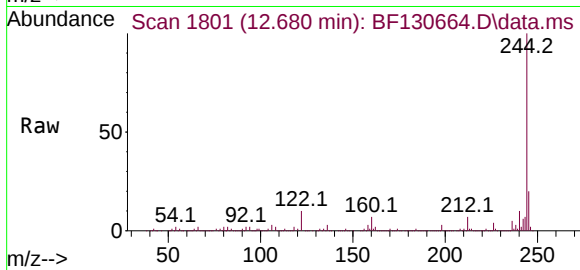
#79
 Terphenyl-d14
 Concen: 95.547 ng
 RT: 12.680 min Scan# 1801
 Delta R.T. -0.006 min
 Lab File: BF130664.D
 Acq: 14 Oct 2022 13:07

Instrument :

BNA_F

ClientSampleId :

PB148312BS

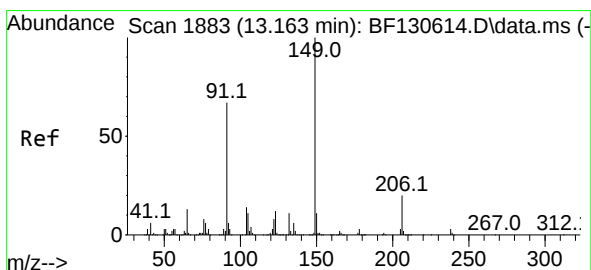
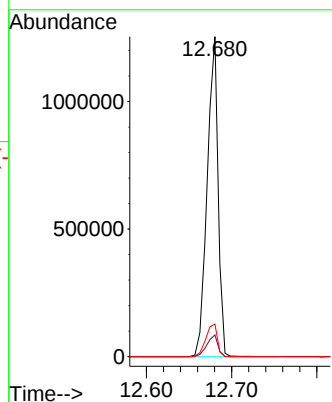
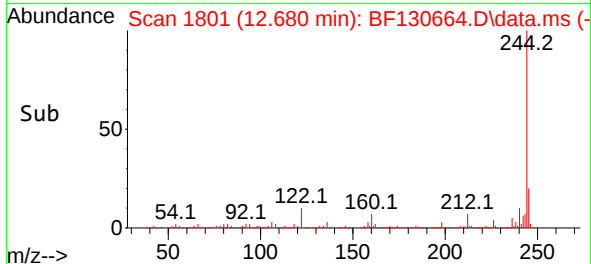


Tgt Ion:244 Resp: 1113745
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.2 7.5 11.3

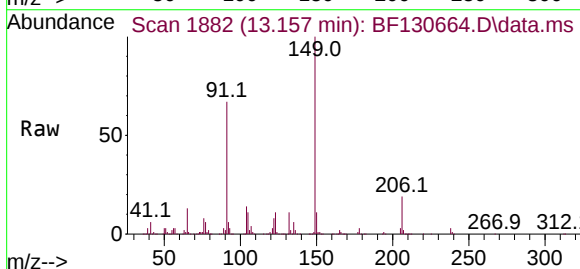
Manual Integrations

APPROVED

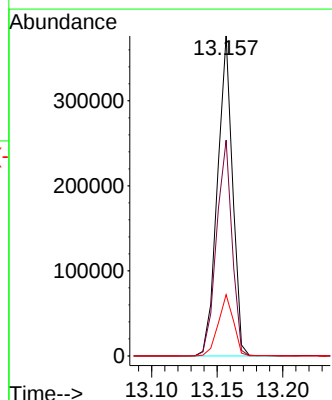
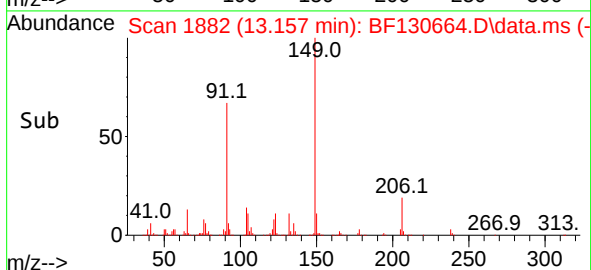
Reviewed By :Christian Giraldo 10/17/2022
 Supervised By :mohammad ahmed 10/18/2022

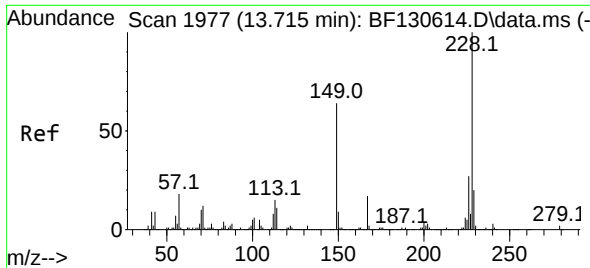


#80
 Butylbenzylphthalate
 Concen: 47.200 ng
 RT: 13.157 min Scan# 1882
 Delta R.T. -0.006 min
 Lab File: BF130664.D
 Acq: 14 Oct 2022 13:07



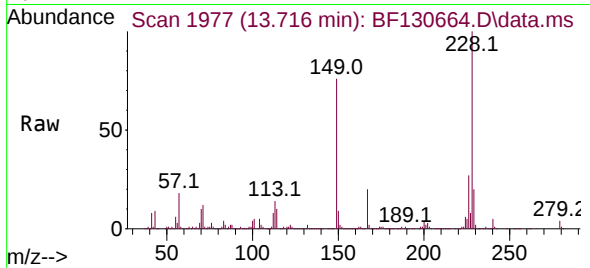
Tgt Ion:149 Resp: 302929
 Ion Ratio Lower Upper
 149 100
 91 67.4 53.8 80.8
 206 19.1 15.8 23.6





#81
Benzo(a)anthracene
Concen: 44.847 ng
RT: 13.716 min Scan# 1977
Delta R.T. 0.000 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07

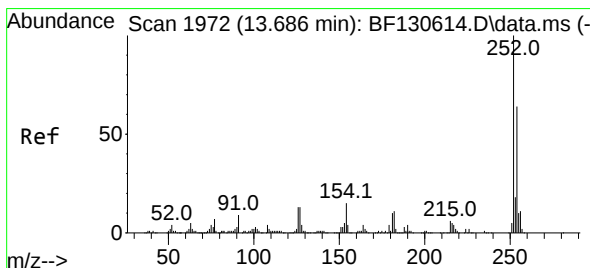
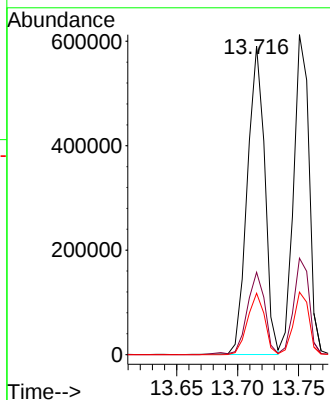
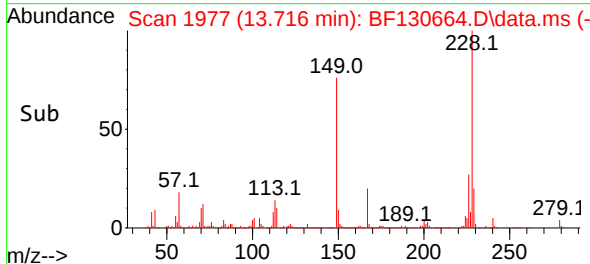
Instrument :
BNA_F
ClientSampleId :
PB148312BS



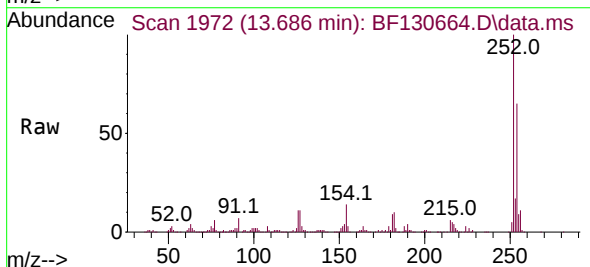
Tgt Ion:228 Resp: 584633
Ion Ratio Lower Upper
228 100
226 26.7 21.4 32.2
229 19.9 15.8 23.8

Manual Integrations
APPROVED

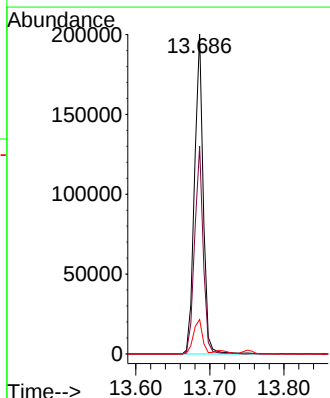
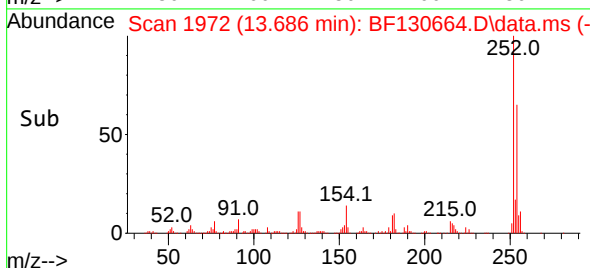
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

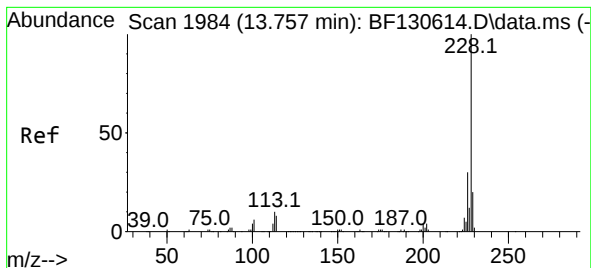


#82
3,3'-Dichlorobenzidine
Concen: 43.275 ng
RT: 13.686 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BF130664.D
Acq: 14 Oct 2022 13:07



Tgt Ion:252 Resp: 163018
Ion Ratio Lower Upper
252 100
254 64.9 50.9 76.3
126 10.7 10.2 15.4





#83

Chrysene

Concen: 43.837 ng

RT: 13.751 min Scan# 1984

Delta R.T. -0.006 min

Lab File: BF130664.D

Acq: 14 Oct 2022 13:07

Instrument :

BNA_F

ClientSampleId :

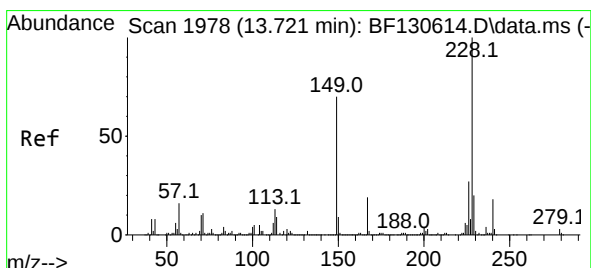
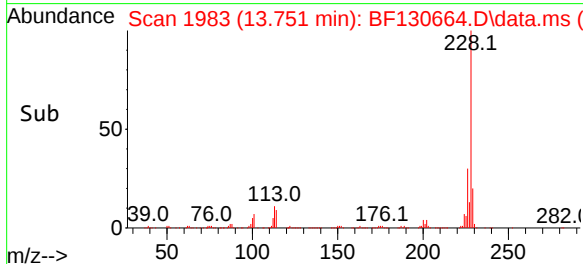
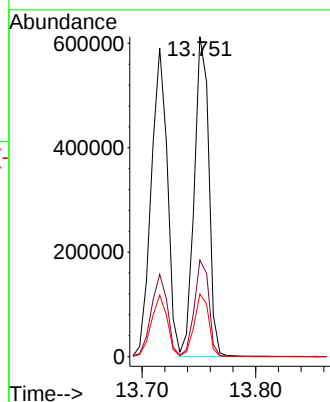
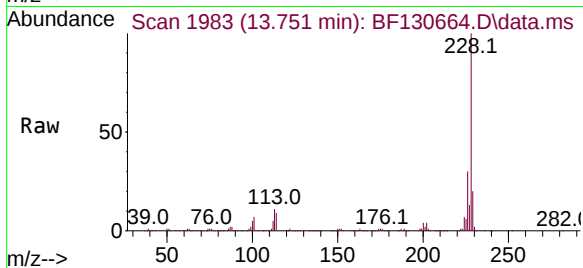
PB148312BS

Tgt Ion:	228	Resp:	541822
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.9	35.9
229	19.5	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.242 ng

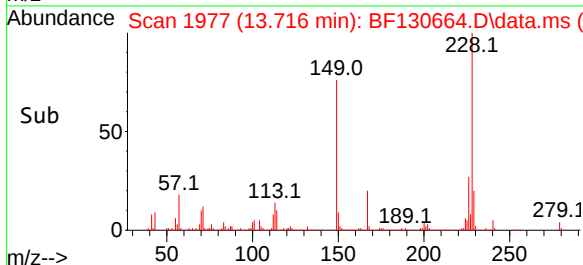
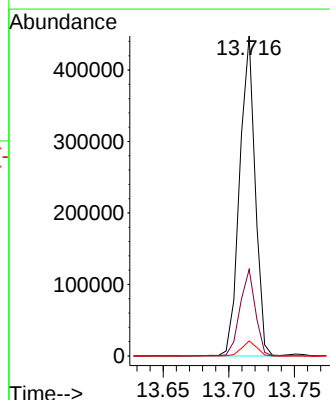
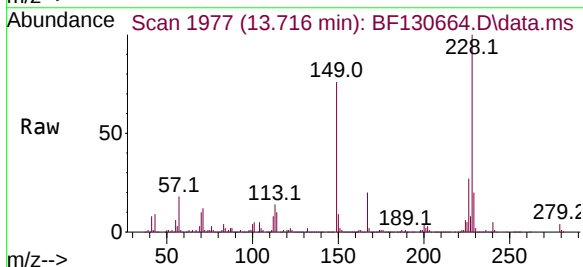
RT: 13.716 min Scan# 1977

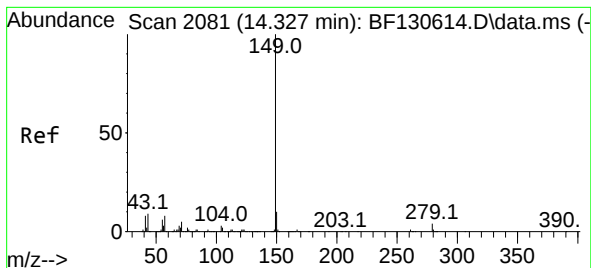
Delta R.T. -0.006 min

Lab File: BF130664.D

Acq: 14 Oct 2022 13:07

Tgt Ion:	149	Resp:	367575
Ion Ratio	Lower	Upper	
149	100		
167	27.0	21.9	32.9
279	4.7	3.8	5.6





#85

Di-n-octyl phthalate

Concen: 41.020 ng

RT: 14.321 min Scan# 2081

Delta R.T. -0.006 min

Lab File: BF130664.D

Acq: 14 Oct 2022 13:07

Instrument :

BNA_F

ClientSampleId :

PB148312BS

Tgt Ion:149 Resp: 488794

Ion Ratio Lower Upper

149 100

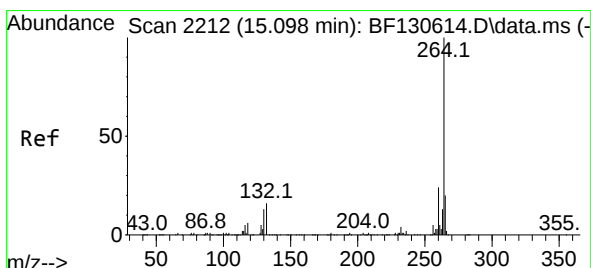
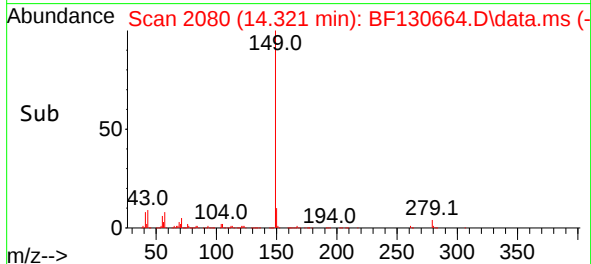
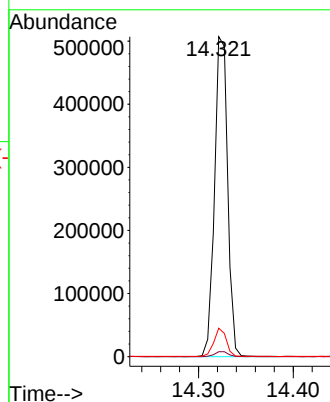
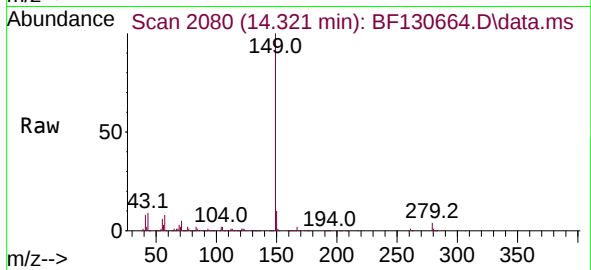
167 1.6 1.2 1.8

43 8.4 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.098 min Scan# 2212

Delta R.T. 0.000 min

Lab File: BF130664.D

Acq: 14 Oct 2022 13:07

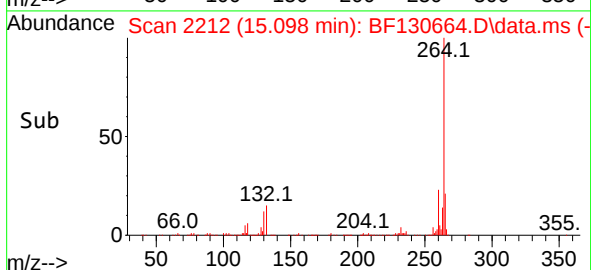
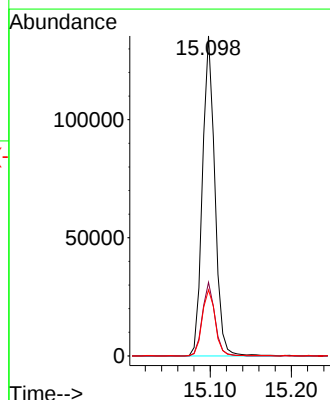
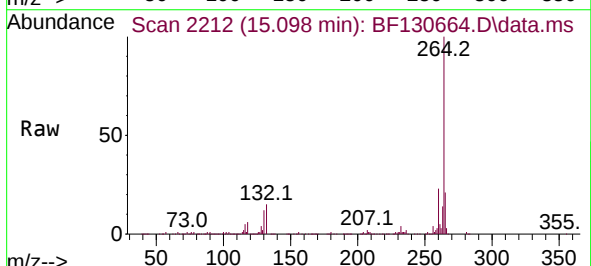
Tgt Ion:264 Resp: 143412

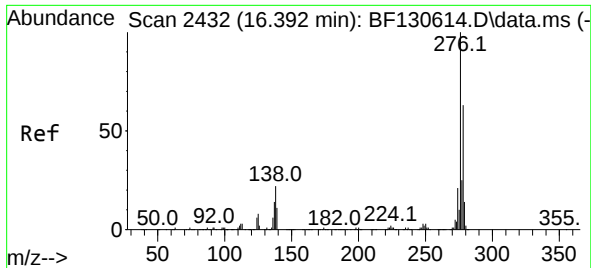
Ion Ratio Lower Upper

264 100

260 23.0 19.1 28.7

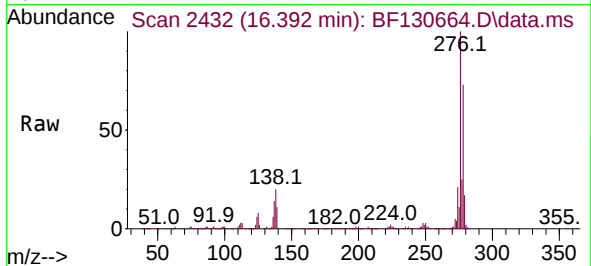
265 20.6 16.4 24.6





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.401 ng
 RT: 16.392 min Scan# 2432
 Delta R.T. 0.000 min
 Lab File: BF130664.D
 Acq: 14 Oct 2022 13:07

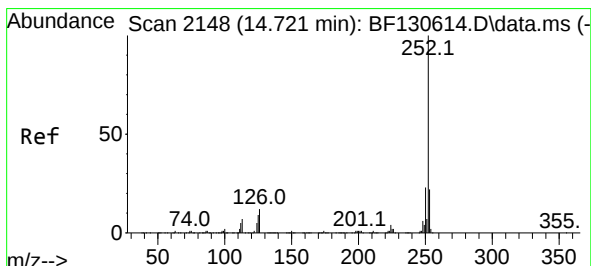
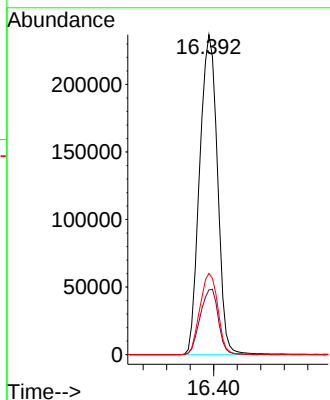
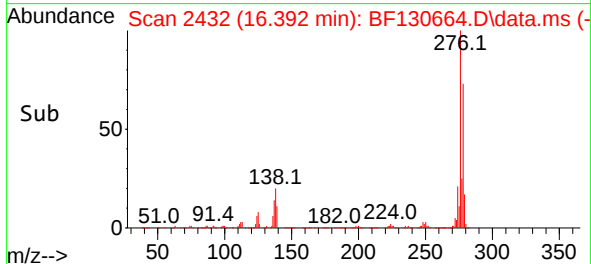
Instrument :
 BNA_F
 ClientSampleId :
 PB148312BS



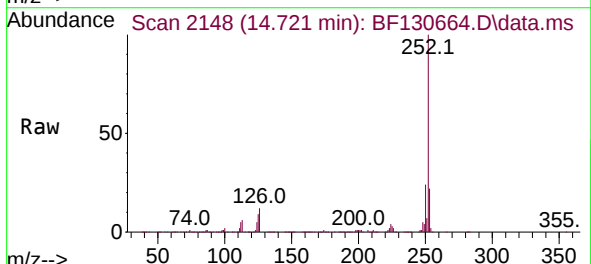
Tgt Ion:276 Resp: 498059
 Ion Ratio Lower Upper
 276 100
 138 20.8 18.0 27.0
 277 25.6 20.0 30.0

Manual Integrations
 APPROVED

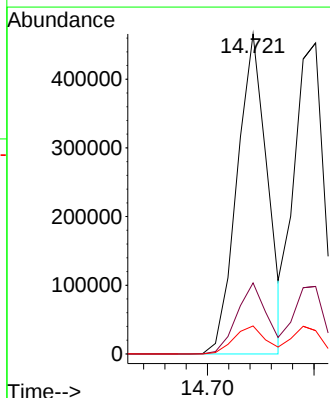
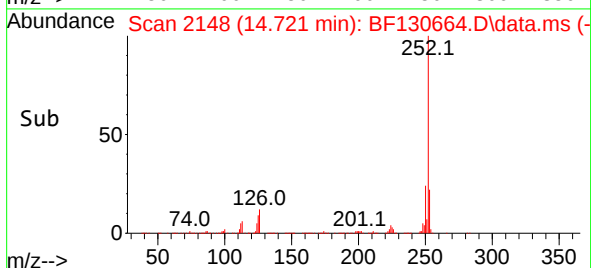
Reviewed By :Christian Giraldo 10/17/2022
 Supervised By :mohammad ahmed 10/18/2022

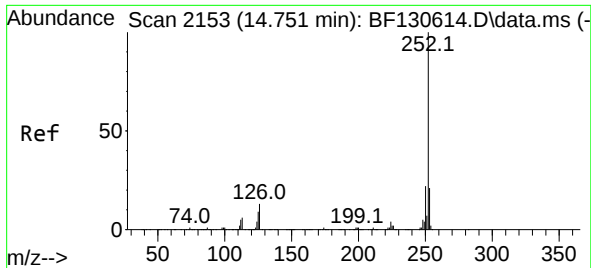


#88
 Benzo(b)fluoranthene
 Concen: 50.761 ng
 RT: 14.721 min Scan# 2148
 Delta R.T. 0.000 min
 Lab File: BF130664.D
 Acq: 14 Oct 2022 13:07



Tgt Ion:252 Resp: 460970
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.4 26.2
 125 8.7 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 47.978 ng

RT: 14.751 min Scan# 2153

Delta R.T. 0.000 min

Lab File: BF130664.D

Acq: 14 Oct 2022 13:07

Instrument :

BNA_F

ClientSampleId :

PB148312BS

Tgt Ion:252 Resp: 44363

Ion Ratio Lower Upper

252 100

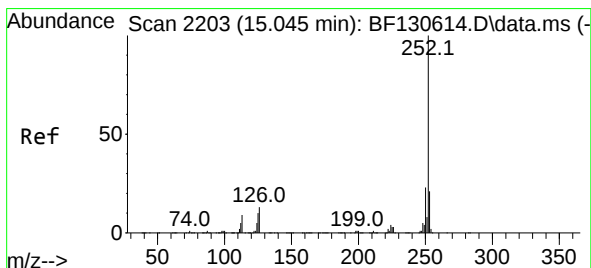
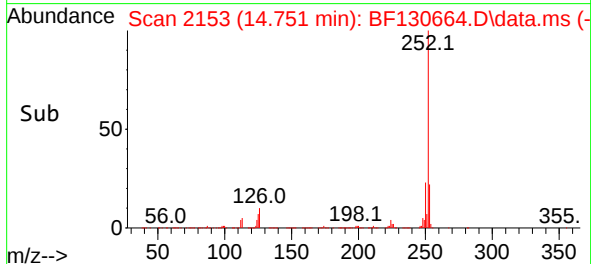
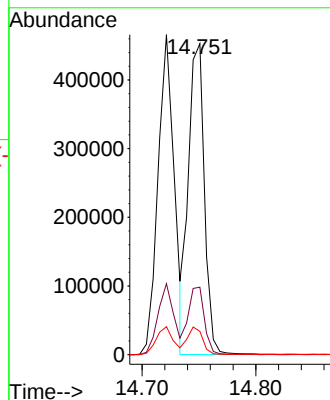
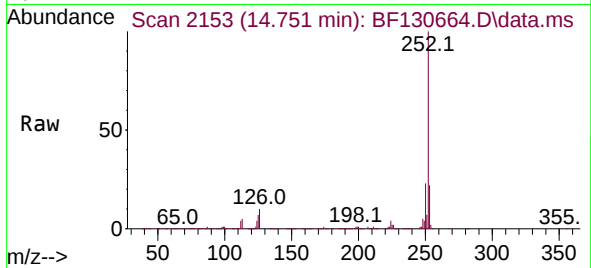
253 21.7 17.0 25.4

125 7.5 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#90

Benzo(a)pyrene

Concen: 50.931 ng

RT: 15.045 min Scan# 2203

Delta R.T. 0.000 min

Lab File: BF130664.D

Acq: 14 Oct 2022 13:07

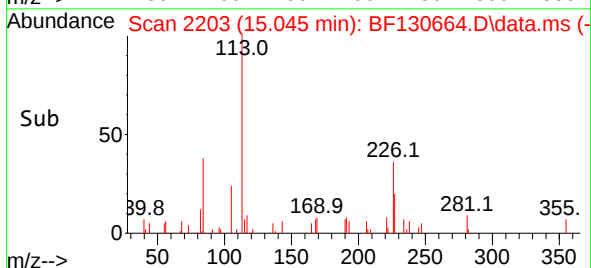
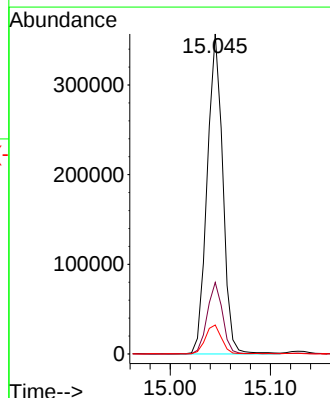
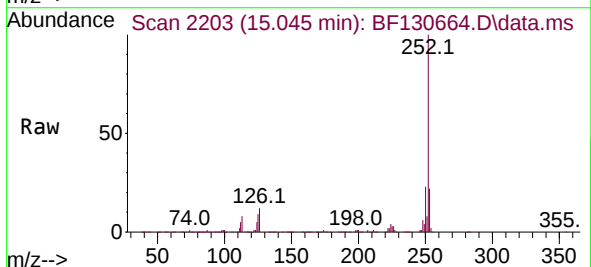
Tgt Ion:252 Resp: 384938

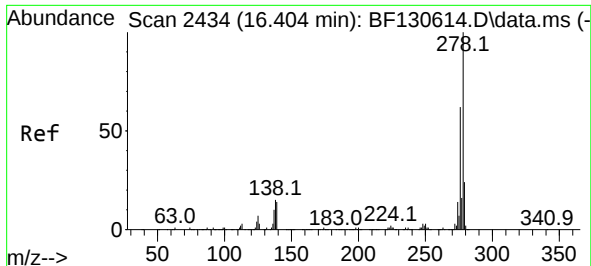
Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

125 9.0 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 49.631 ng

RT: 16.404 min Scan# 2434

Delta R.T. 0.000 min

Lab File: BF130664.D

Acq: 14 Oct 2022 13:07

Instrument :

BNA_F

ClientSampleId :

PB148312BS

Tgt Ion:278 Resp: 436676

Ion Ratio Lower Upper

278 100

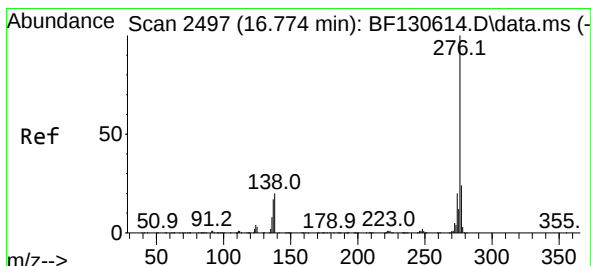
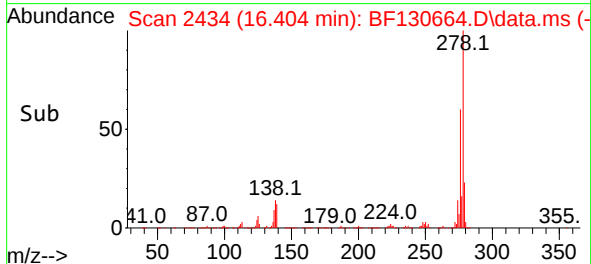
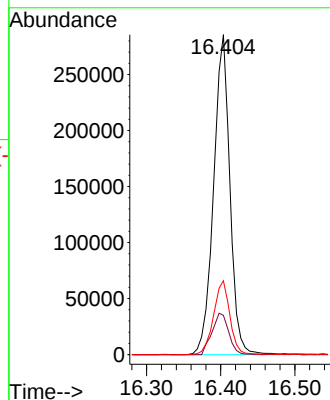
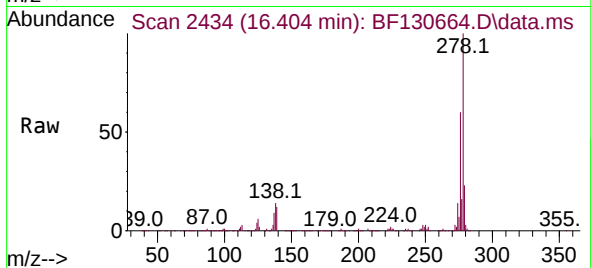
139 12.3 11.1 16.7

279 23.1 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#92

Benzo(g,h,i)perylene

Concen: 53.730 ng

RT: 16.780 min Scan# 2498

Delta R.T. 0.006 min

Lab File: BF130664.D

Acq: 14 Oct 2022 13:07

Tgt Ion:276 Resp: 440304

Ion Ratio Lower Upper

276 100

277 24.3 18.9 28.3

138 17.7 15.9 23.9

