

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111622\
 Data File : BF131257.D
 Acq On : 16 Nov 2022 10:51
 Operator : CG\JU
 Sample : PB148855BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148855BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/17/2022
 Supervised By : mohammad ahmed 11/17/2022

Quant Time: Nov 16 22:11:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 06:35:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	98647	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	359414	20.000	ng	0.00
39) Acenaphthene-d10	10.033	164	208056	20.000	ng	0.00
64) Phenanthrene-d10	11.533	188	379876	20.000	ng	# 0.00
76) Chrysene-d12	14.192	240	270671	20.000	ng	# 0.00
86) Perylene-d12	15.733	264	207466	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	743034	133.378	ng	0.02
7) Phenol-d6	6.598	99	929784	131.773	ng	0.00
23) Nitrobenzene-d5	7.545	82	602804	94.140	ng	0.00
42) 2,4,6-Tribromophenol	10.833	330	275794	138.773	ng	0.00
45) 2-Fluorobiphenyl	9.351	172	1129867	79.472	ng	0.00
79) Terphenyl-d14	13.127	244	1426989	90.535	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.893	88	93695	36.710	ng	96
3) Pyridine	3.634	79	247071	34.248	ng	98
4) n-Nitrosodimethylamine	3.610	42	183446	43.627	ng	97
6) Aniline	6.639	93	251878m	28.459	ng	
8) 2-Chlorophenol	6.757	128	275681	44.022	ng	98
9) Benzaldehyde	6.522	77	76839	15.013	ng	97
10) Phenol	6.610	94	333681	42.274	ng	99
11) bis(2-Chloroethyl)ether	6.710	93	262190	42.423	ng	99
12) 1,3-Dichlorobenzene	6.916	146	294942	41.631	ng	99
13) 1,4-Dichlorobenzene	6.992	146	296592	41.395	ng	98
14) 1,2-Dichlorobenzene	7.145	146	286666	43.288	ng	99
15) Benzyl Alcohol	7.116	79	219403m	35.798	ng	
16) 2,2'-oxybis(1-Chloropr...	7.251	45	502285	43.148	ng	99
17) 2-Methylphenol	7.222	107	231494	43.300	ng	98
18) Hexachloroethane	7.492	117	112354	43.134	ng	98
19) n-Nitroso-di-n-propyla...	7.392	70	204795	41.653	ng	99
20) 3+4-Methylphenols	7.375	107	292365	42.278	ng	91
22) Acetophenone	7.386	105	399064	42.595	ng	99
24) Nitrobenzene	7.563	77	317317	45.904	ng	99
25) Isophorone	7.804	82	558086	43.627	ng	99
26) 2-Nitrophenol	7.881	139	124320	45.165	ng	98
27) 2,4-Dimethylphenol	7.910	122	275381	52.593	ng	98
28) bis(2-Chloroethoxy)met...	8.010	93	322513	44.717	ng	100
29) 2,4-Dichlorophenol	8.116	162	236200	41.713	ng	97
30) 1,2,4-Trichlorobenzene	8.204	180	268690	40.472	ng	99
31) Naphthalene	8.292	128	776682	39.886	ng	99
32) Benzoic acid	8.033	122	150696	40.890	ng	96
33) 4-Chloroaniline	8.333	127	100023	13.049	ng	95
34) Hexachlorobutadiene	8.404	225	172476	41.048	ng	97
35) Caprolactam	8.710	113	73903m	44.164	ng	
36) 4-Chloro-3-methylphenol	8.816	107	259930	43.610	ng	95
37) 2-Methylnaphthalene	8.986	142	525995	40.559	ng	98
38) 1-Methylnaphthalene	9.086	142	495328	39.389	ng	99
40) 1,2,4,5-Tetrachloroben...	9.151	216	267666	39.957	ng	99
41) Hexachlorocyclopentadiene	9.133	237	342504	99.755	ng	98
43) 2,4,6-Trichlorophenol	9.257	196	161761	36.935	ng	98

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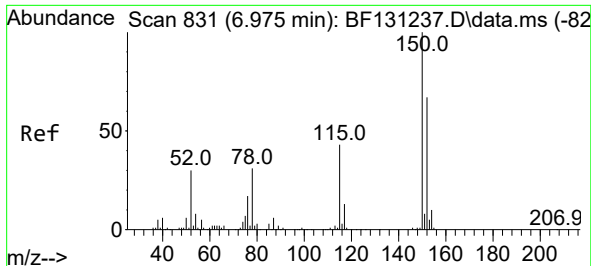
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.298	196	200143	42.585	ng	98
46) 1,1'-Biphenyl	9.451	154	650246	40.655	ng	100
47) 2-Chloronaphthalene	9.480	162	509824	39.348	ng	97
48) 2-Nitroaniline	9.575	65	181510	44.024	ng	94
49) Acenaphthylene	9.898	152	786662	39.760	ng	99
50) Dimethylphthalate	9.757	163	605449	40.639	ng	100
51) 2,6-Dinitrotoluene	9.816	165	128721	44.291	ng	92
52) Acenaphthene	10.069	154	542661	43.940	ng	98
53) 3-Nitroaniline	9.986	138	72579	24.664	ng	99
54) 2,4-Dinitrophenol	10.092	184	111049	82.773	ng	92
55) Dibenzofuran	10.245	168	710082	40.131	ng	98
56) 4-Nitrophenol	10.139	139	192282	82.028	ng	94
57) 2,4-Dinitrotoluene	10.222	165	165648	45.863	ng	97
58) Fluorene	10.586	166	556779	39.988	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.357	232	169856	42.662	ng	99
60) Diethylphthalate	10.457	149	576206	40.915	ng	99
61) 4-Chlorophenyl-phenyle...	10.580	204	283104	41.120	ng	96
62) 4-Nitroaniline	10.610	138	122466	40.195	ng	96
63) Azobenzene	10.739	77	597193	40.503	ng	99
65) 4,6-Dinitro-2-methylph...	10.627	198	69234	41.764	ng	82
66) n-Nitrosodiphenylamine	10.698	169	489526	40.561	ng	99
67) 4-Bromophenyl-phenylether	11.074	248	183736	41.194	ng	92
68) Hexachlorobenzene	11.133	284	199687	41.311	ng	95
69) Atrazine	11.227	200	173068	43.748	ng	97
70) Pentachlorophenol	11.327	266	235642	83.521	ng	98
71) Phenanthrene	11.557	178	842853	40.203	ng	99
72) Anthracene	11.610	178	859478	41.967	ng	100
73) Carbazole	11.763	167	770126	42.010	ng	99
74) Di-n-butylphthalate	12.092	149	893713	41.890	ng	99
75) Fluoranthene	12.751	202	956020	41.348	ng	99
77) Benzidine	12.874	184	188766	32.544	ng	99
78) Pyrene	12.986	202	970973	41.615	ng	99
80) Butylbenzylphthalate	13.604	149	361360	45.699	ng	96
81) Benzo(a)anthracene	14.180	228	755097	40.141	ng	99
82) 3,3'-Dichlorobenzidine	14.139	252	171246	31.111	ng	98
83) Chrysene	14.215	228	712641	38.888	ng	99
84) Bis(2-ethylhexyl)phtha...	14.163	149	443639	44.610	ng	100
85) Di-n-octyl phthalate	14.792	149	626830	44.603	ng	99
87) Indeno(1,2,3-cd)pyrene	17.321	276	586489	42.791	ng	99
88) Benzo(b)fluoranthene	15.274	252	614618	42.431	ng	99
89) Benzo(k)fluoranthene	15.304	252	611234	42.566	ng	100
90) Benzo(a)pyrene	15.668	252	526287	45.452	ng	99
91) Dibenzo(a,h)anthracene	17.345	278	497286	44.224	ng	98
92) Benzo(g,h,i)perylene	17.809	276	480924	38.944	ng	98

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

Manual Integrations

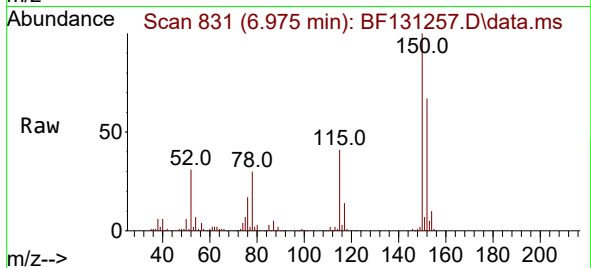
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

[illegible]



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.975 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF131257.D
 Acq: 16 Nov 2022 10:51

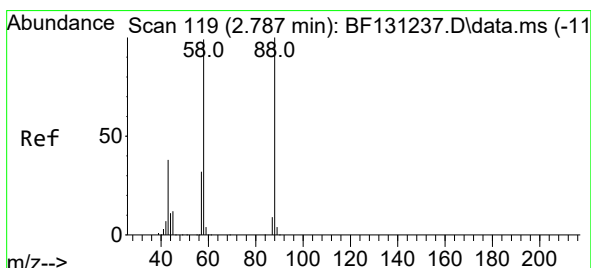
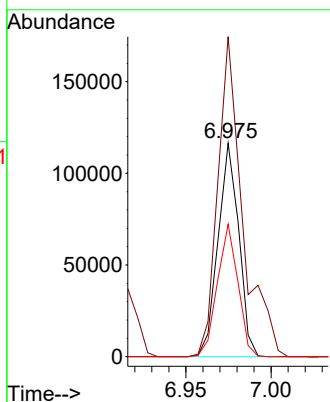
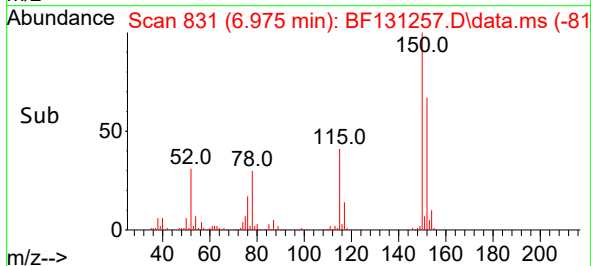
Instrument :
 BNA_F
 ClientSampleId :
 PB148855BS



Tgt Ion:152 Resp: 9864
 Ion Ratio Lower Upper
 152 100
 150 149.9 120.2 180.4
 115 62.0 51.8 77.8

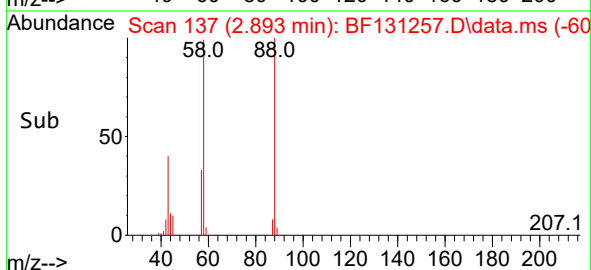
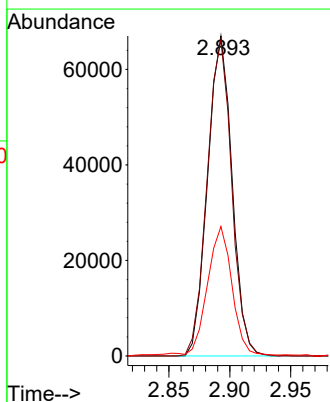
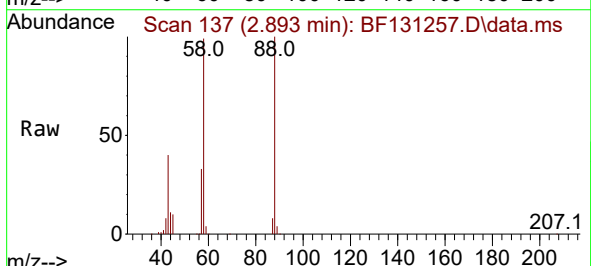
Manual Integrations
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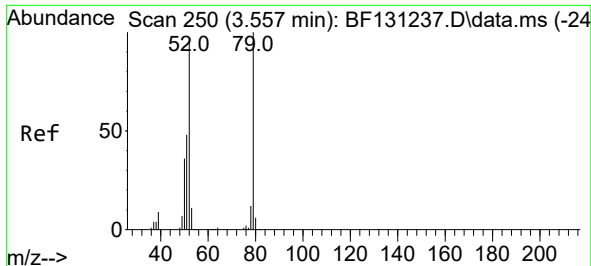
Reviewed By :Christian Giraldo 11/17/2022
 Supervised By :mohammad ahmed 11/17/2022



#2
 1,4-Dioxane
 Concen: 36.710 ng
 RT: 2.893 min Scan# 137
 Delta R.T. 0.106 min
 Lab File: BF131257.D
 Acq: 16 Nov 2022 10:51

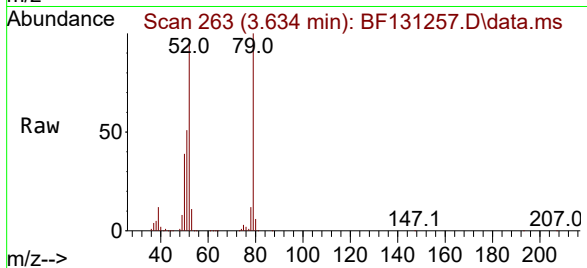
Tgt Ion: 88 Resp: 93695
 Ion Ratio Lower Upper
 88 100
 58 99.5 77.1 115.7
 43 42.0 31.3 46.9





#3
Pyridine
Concen: 34.248 ng
RT: 3.634 min Scan# 20
Delta R.T. 0.076 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

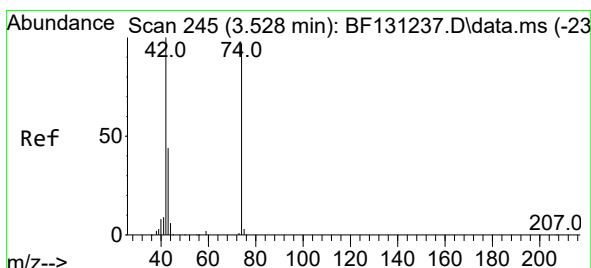
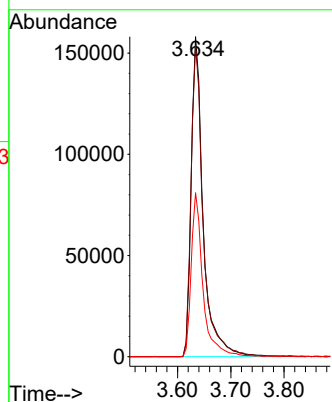
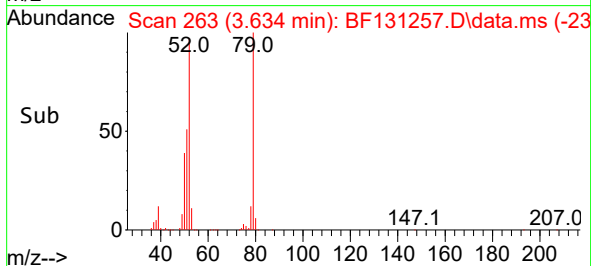
Instrument :
BNA_F
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PB148855BS



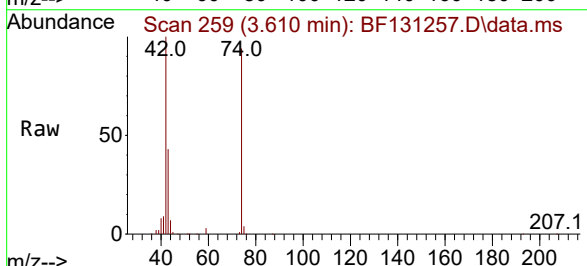
Tgt Ion: 79 Resp: 24707
Ion Ratio Lower Upper
79 100
52 97.2 77.7 116.5
51 51.3 38.7 58.1

Manual Integrations
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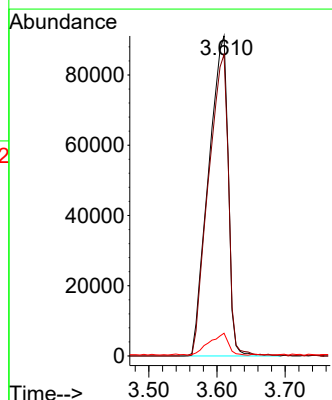
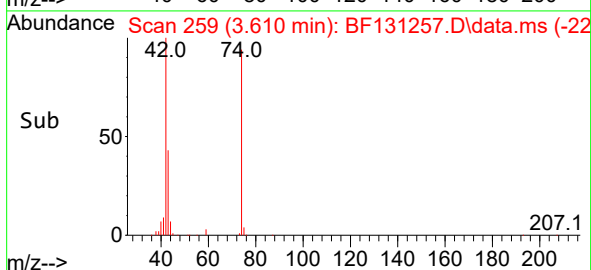
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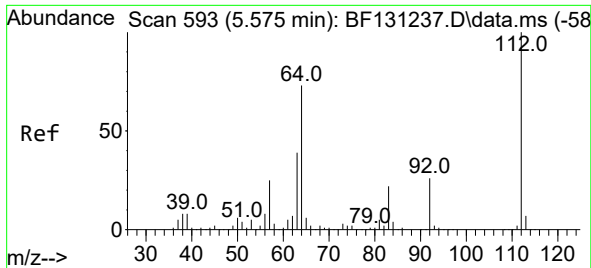


#4
n-Nitrosodimethylamine
Concen: 43.627 ng
RT: 3.610 min Scan# 259
Delta R.T. 0.082 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51



Tgt Ion: 42 Resp: 183446
Ion Ratio Lower Upper
42 100
74 94.2 77.8 116.6
44 7.1 5.9 8.9





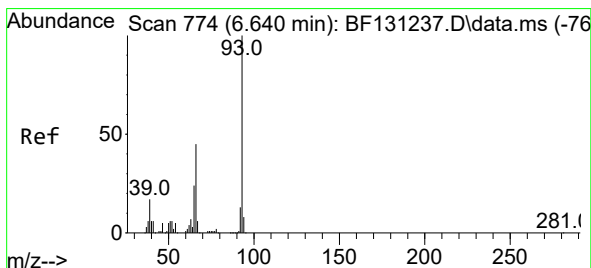
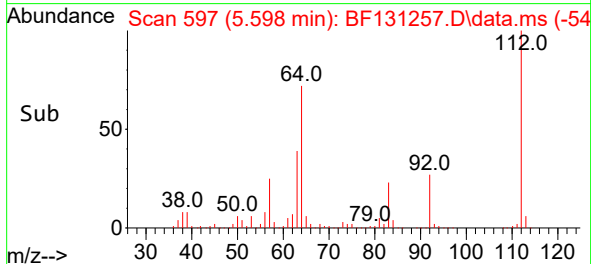
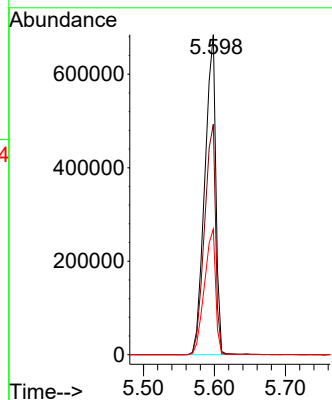
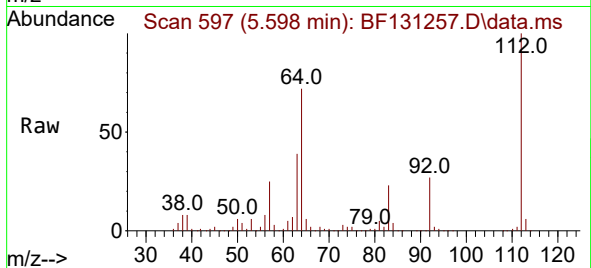
#5
2-Fluorophenol
Concen: 133.378 ng
RT: 5.598 min Scan# 597
Delta R.T. 0.023 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

Instrument :
BNA_F
ClientSampleId :
PB148855BS

Tgt Ion:112 Resp: 743034
Ion Ratio Lower Upper
112 100
64 72.0 58.4 87.6
63 39.3 31.6 47.4

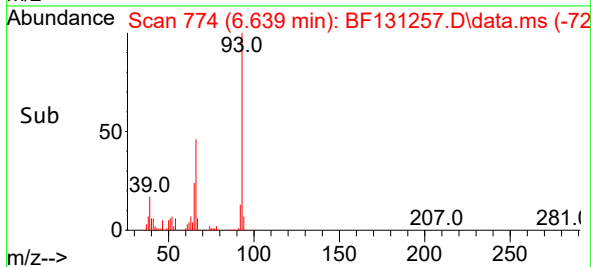
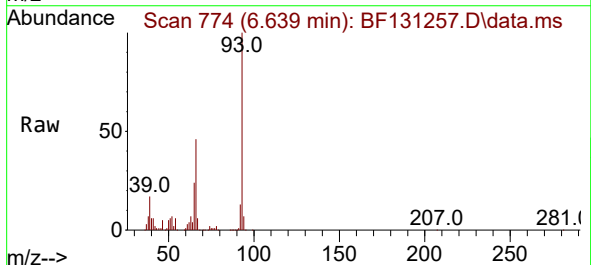
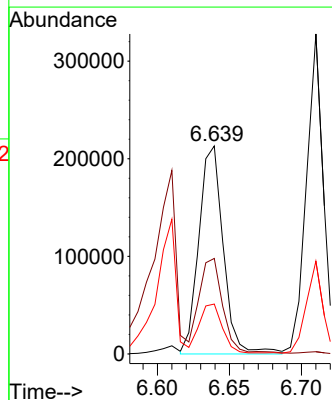
Manual Integrations
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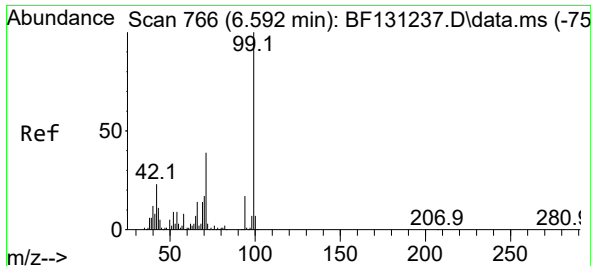
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#6
Aniline
Concen: 28.459 ng m
RT: 6.639 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

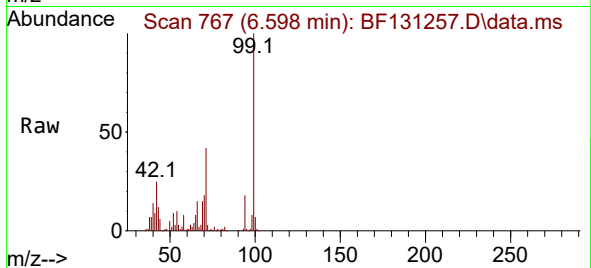
Tgt Ion: 93 Resp: 251878
Ion Ratio Lower Upper
93 100
66 45.9 36.6 55.0
65 24.0 19.3 28.9





#7
Phenol-d6
Concen: 131.773 ng
RT: 6.598 min Scan# 767
Delta R.T. 0.006 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

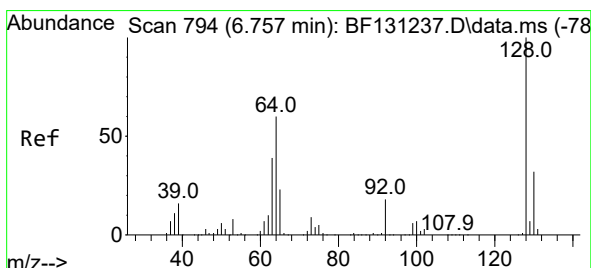
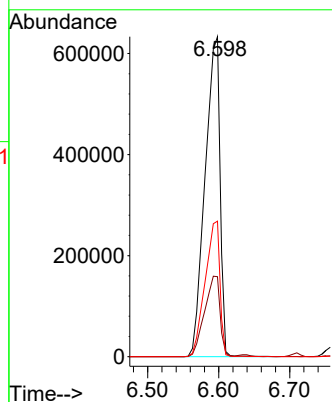
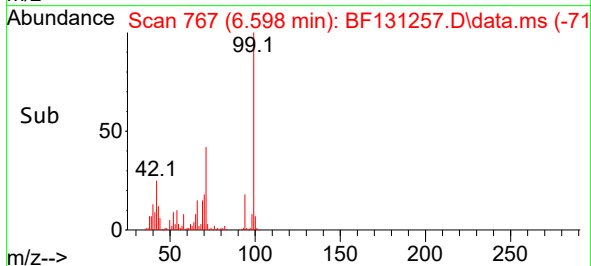
Instrument :
BNA_F
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PB148855BS



Tgt Ion: 99 Resp: 929784
Ion Ratio Lower Upper
99 100
42 25.0 18.6 28.0
71 42.4 31.1 46.7

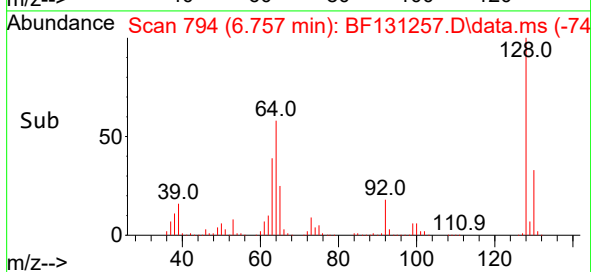
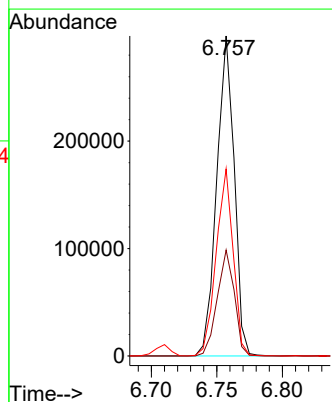
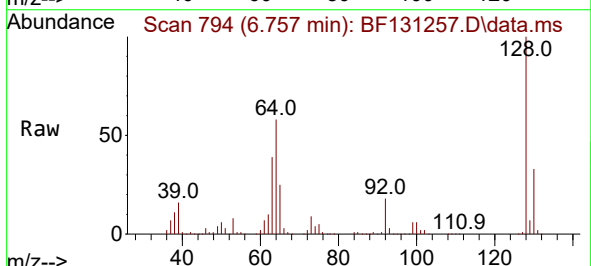
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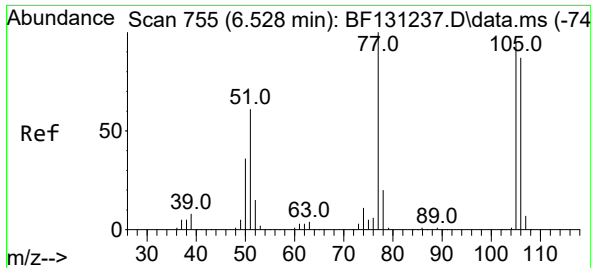
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#8
2-Chlorophenol
Concen: 44.022 ng
RT: 6.757 min Scan# 794
Delta R.T. -0.000 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

Tgt Ion:128 Resp: 275681
Ion Ratio Lower Upper
128 100
130 33.1 12.2 52.2
64 58.5 40.1 80.1





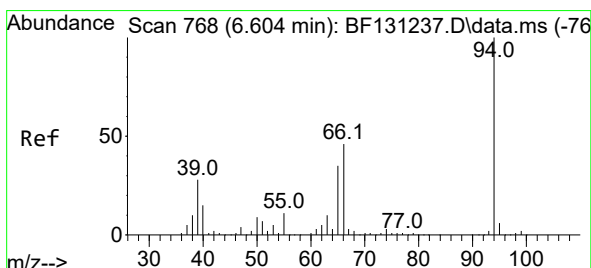
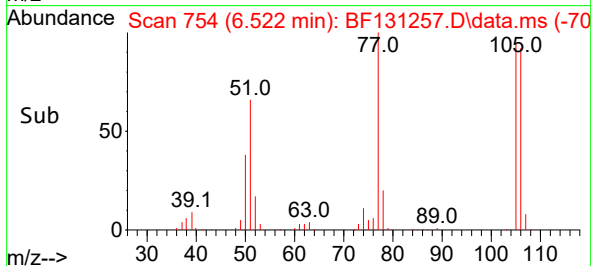
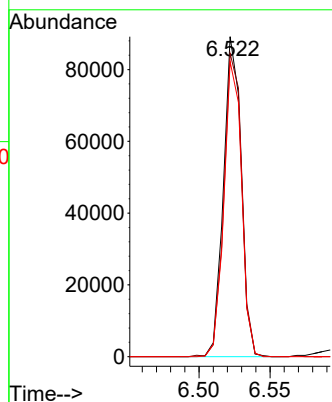
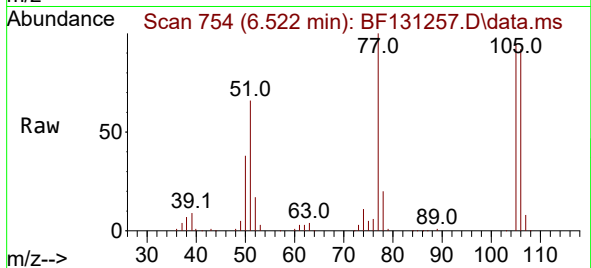
#9
Benzaldehyde
Concen: 15.013 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

Instrument :
BNA_F
ClientSampleId :
PB148855BS

Tgt Ion: 77 Resp: 76839
Ion Ratio Lower Upper
77 100
105 94.8 74.8 114.8
106 92.2 67.3 107.3

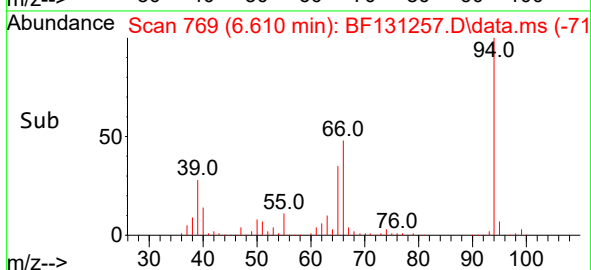
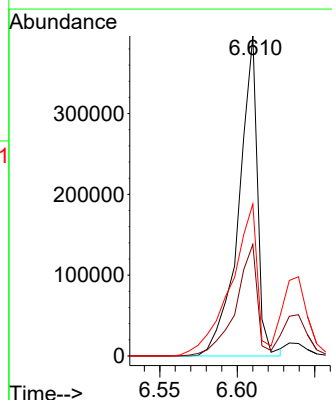
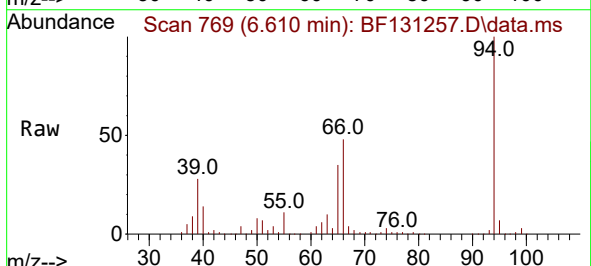
Manual Integrations
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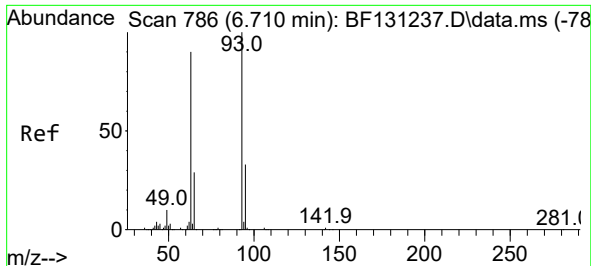
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#10
Phenol
Concen: 42.274 ng
RT: 6.610 min Scan# 769
Delta R.T. 0.006 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

Tgt Ion: 94 Resp: 333681
Ion Ratio Lower Upper
94 100
65 34.9 14.8 54.8
66 47.5 26.5 66.5





#11

bis(2-Chloroethyl)ether

Concen: 42.423 ng

RT: 6.710 min Scan# 786

Delta R.T. -0.000 min

Lab File: BF131257.D

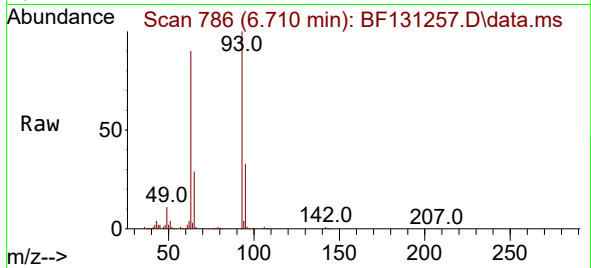
Acq: 16 Nov 2022 10:51

Instrument :

BNA_F

ClientSampleId :

PB148855BS



Tgt Ion: 93 Resp: 262190

Ion Ratio Lower Upper

93 100

63 90.3 69.8 109.8

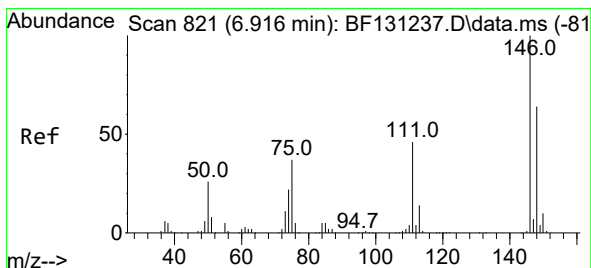
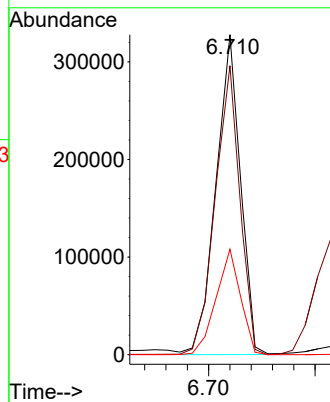
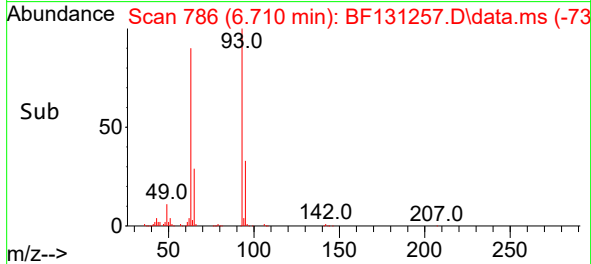
95 32.9 13.4 53.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/17/2022

Supervised By :mohammad ahmed 11/17/2022



#12

1,3-Dichlorobenzene

Concen: 41.631 ng

RT: 6.916 min Scan# 821

Delta R.T. -0.000 min

Lab File: BF131257.D

Acq: 16 Nov 2022 10:51

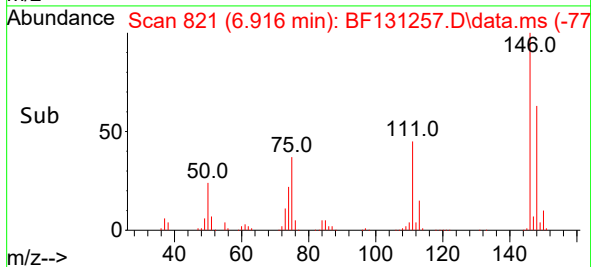
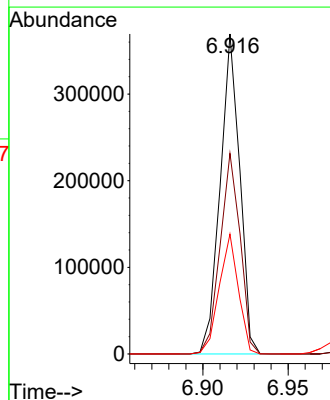
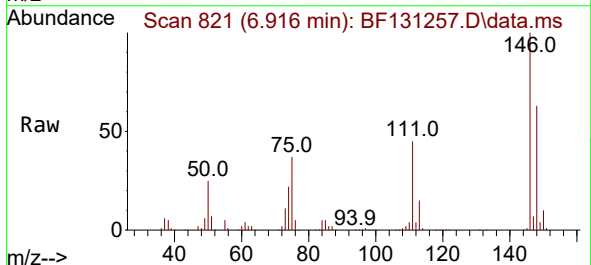
Tgt Ion:146 Resp: 294942

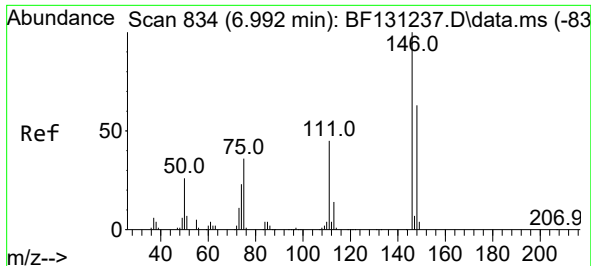
Ion Ratio Lower Upper

146 100

148 62.7 51.0 76.6

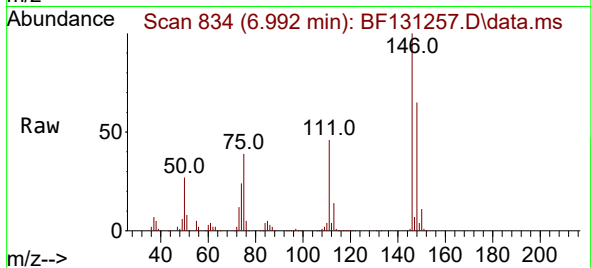
75 37.5 29.2 43.8





#13
1,4-Dichlorobenzene
Concen: 41.395 ng
RT: 6.992 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

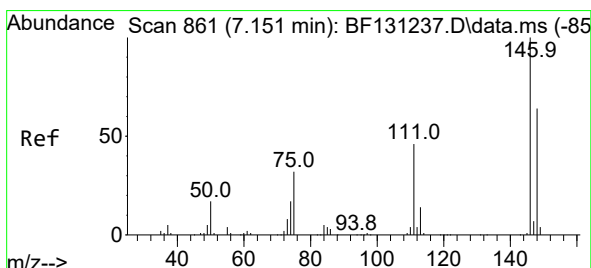
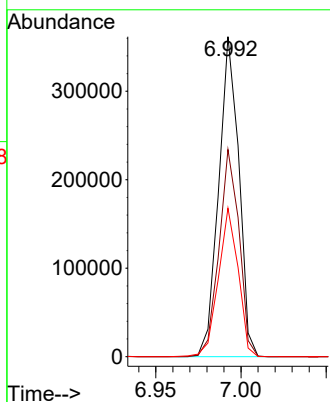
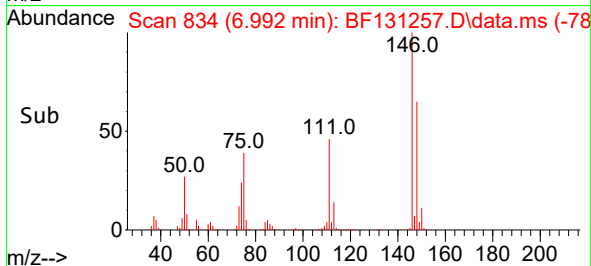
Instrument :
BNA_F
ClientSampleId :
PB148855BS



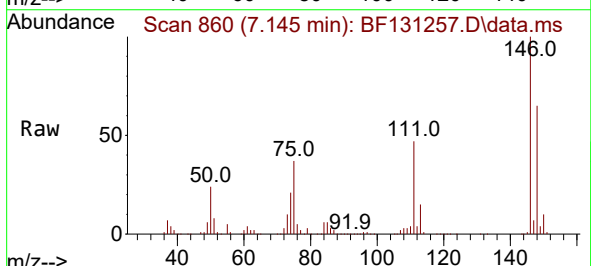
Tgt Ion:146 Resp: 296592
Ion Ratio Lower Upper
146 100
148 64.8 50.1 75.1
111 46.4 36.3 54.5

Manual Integrations
APPROVED

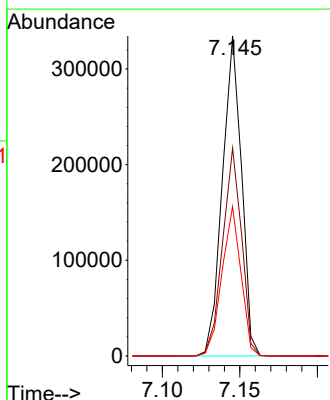
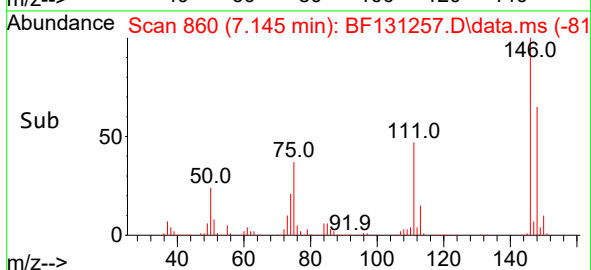
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

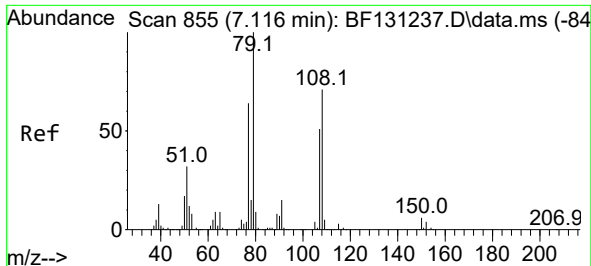


#14
1,2-Dichlorobenzene
Concen: 43.288 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51



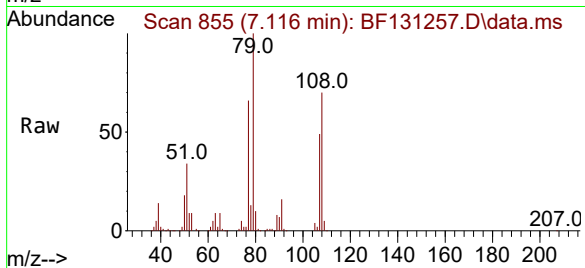
Tgt Ion:146 Resp: 286666
Ion Ratio Lower Upper
146 100
148 64.9 51.0 76.6
111 46.7 36.9 55.3





#15
Benzyl Alcohol
Concen: 35.798 ng m
RT: 7.116 min Scan# 855
Delta R.T. -0.000 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

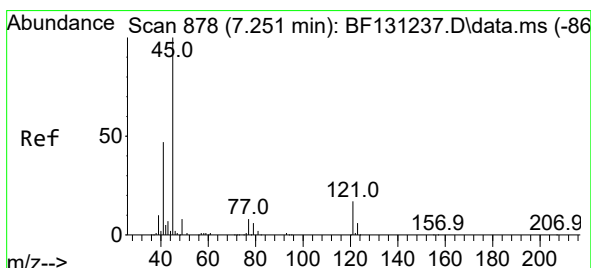
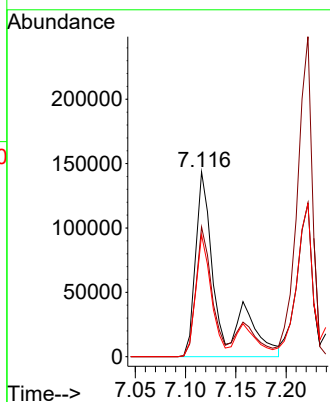
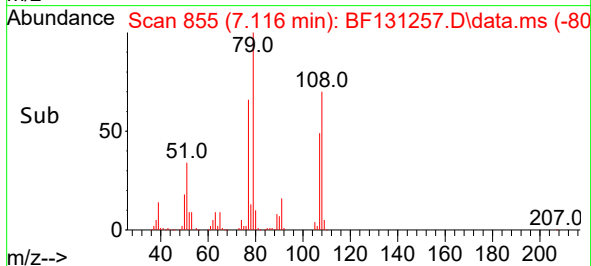
Instrument :
BNA_F
ClientSampleId :
PB148855BS



Tgt Ion: 79 Resp: 21940
Ion Ratio Lower Upper
79 100
108 70.2 56.7 85.1
77 65.9 51.4 77.2

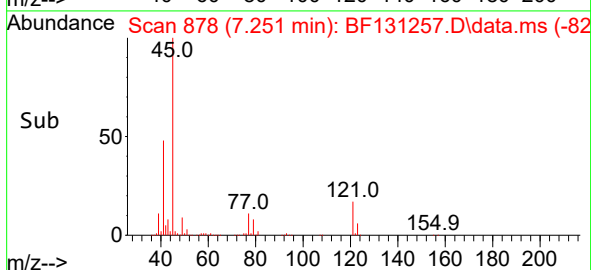
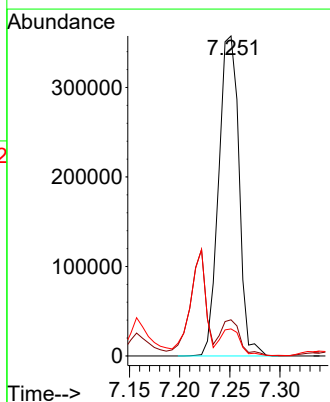
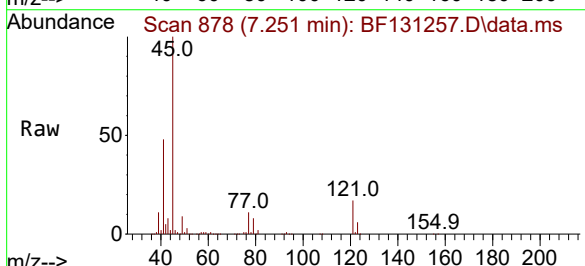
Manual Integrations
APPROVED

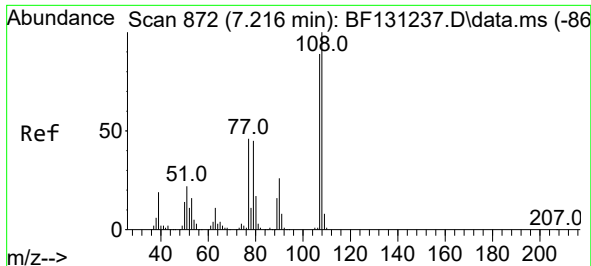
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.148 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

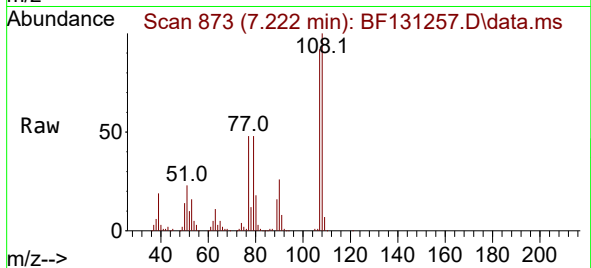
Tgt Ion: 45 Resp: 502285
Ion Ratio Lower Upper
45 100
77 11.3 0.0 31.0
79 8.4 0.0 28.5





#17
2-Methylphenol
Concen: 43.300 ng
RT: 7.222 min Scan# 872
Delta R.T. 0.006 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

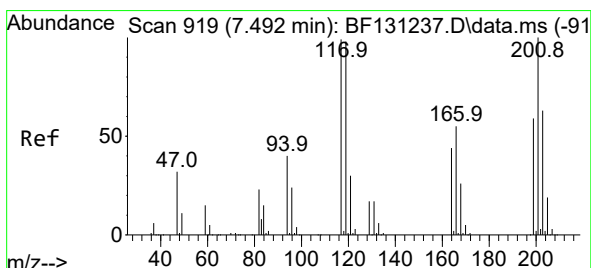
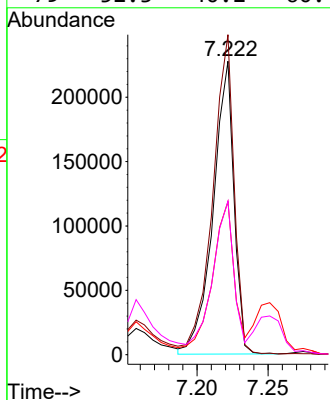
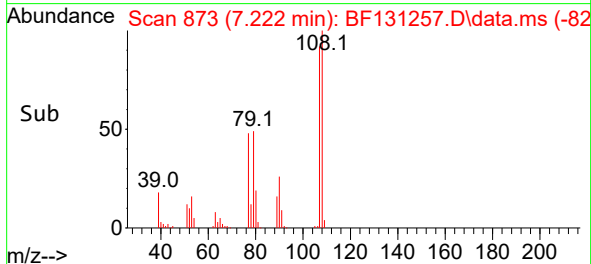
Instrument :
BNA_F
ClientSampleId :
PB148855BS



Tgt Ion:107 Resp: 231494
Ion Ratio Lower Upper
107 100
108 109.0 89.8 134.6
77 52.2 41.4 62.0
79 52.3 40.2 60.4

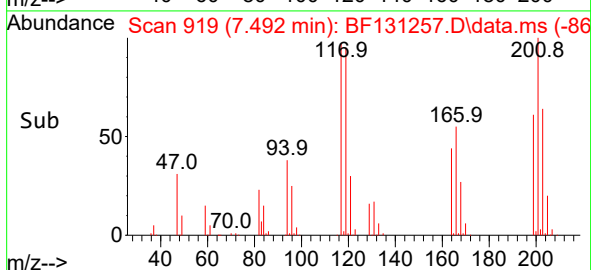
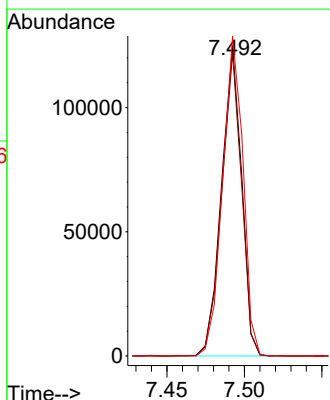
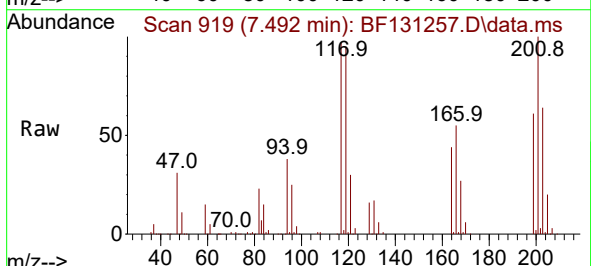
Manual Integrations
APPROVED

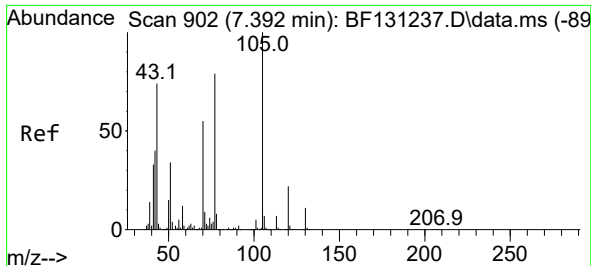
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#18
Hexachloroethane
Concen: 43.134 ng
RT: 7.492 min Scan# 919
Delta R.T. -0.000 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

Tgt Ion:117 Resp: 112354
Ion Ratio Lower Upper
117 100
119 97.4 79.0 118.6
201 102.9 80.9 121.3





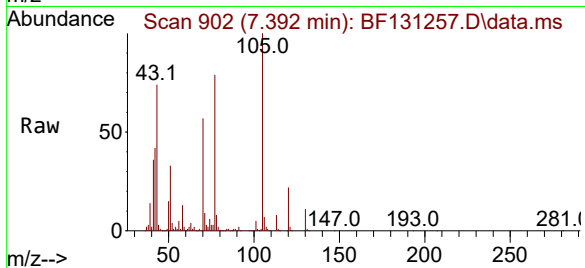
#19
n-Nitroso-di-n-propylamine
Concen: 41.653 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.000 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

Instrument :

BNA_F

ClientSampleId :

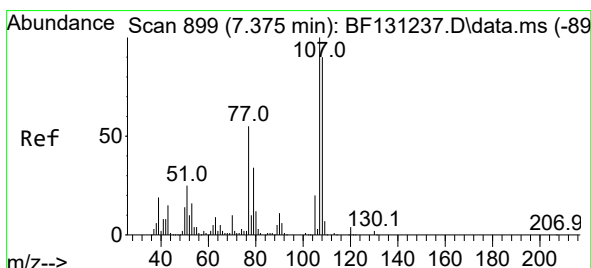
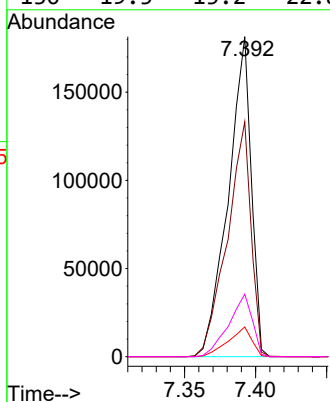
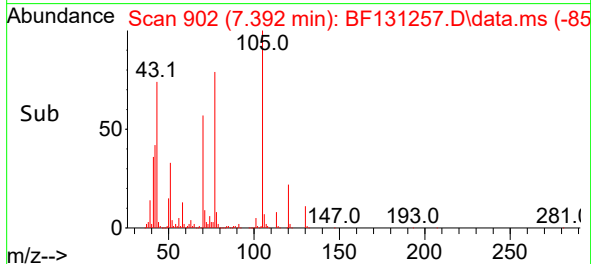
PB148855BS



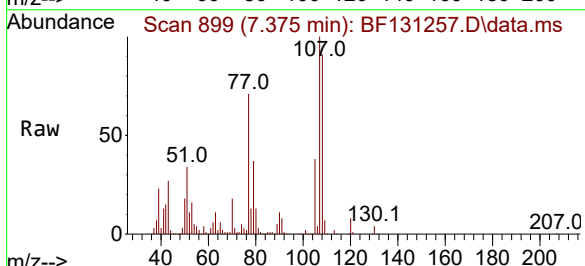
Tgt Ion: 70 Resp: 204795
Ion Ratio Lower Upper
70 100
42 73.4 58.3 87.5
101 9.3 7.2 10.8
130 19.5 15.2 22.8

Manual Integrations
APPROVED

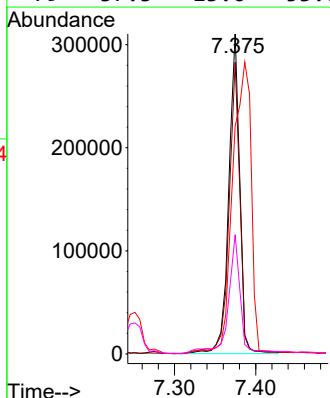
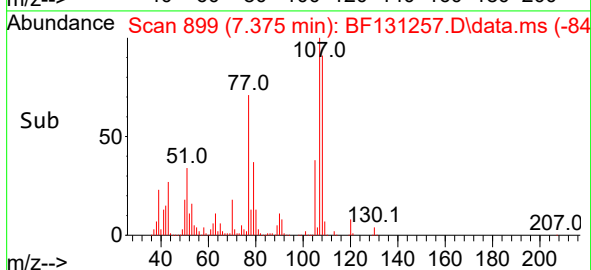
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

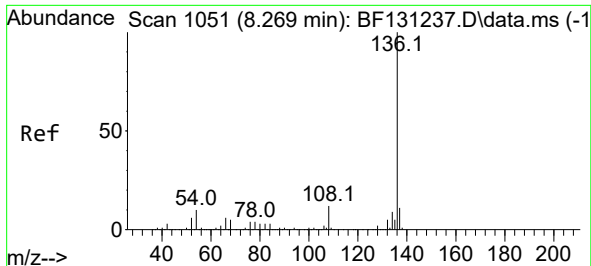


#20
3+4-Methylphenols
Concen: 42.278 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51



Tgt Ion:107 Resp: 292365
Ion Ratio Lower Upper
107 100
108 91.1 69.5 109.5
77 71.2 35.3 75.3
79 37.3 13.6 53.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.269 min Scan# 1051

Delta R.T. -0.000 min

Lab File: BF131257.D

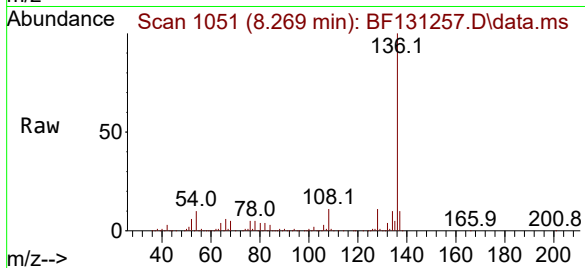
Acq: 16 Nov 2022 10:51

Instrument :

BNA_F

ClientSampleId :

PB148855BS

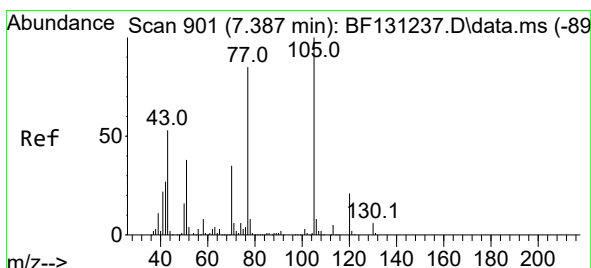
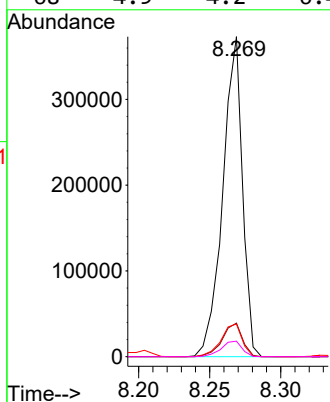
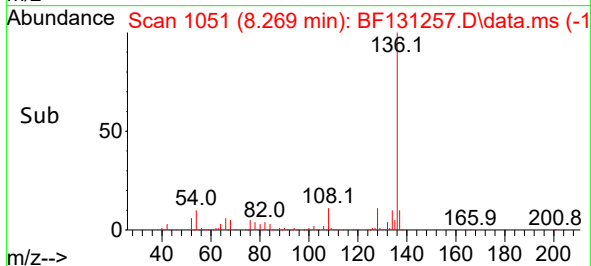


Tgt Ion:	136	Resp:	359414
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.5	12.7
54	10.2	7.8	11.8
68	4.9	4.2	6.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#22

Acetophenone

Concen: 42.595 ng

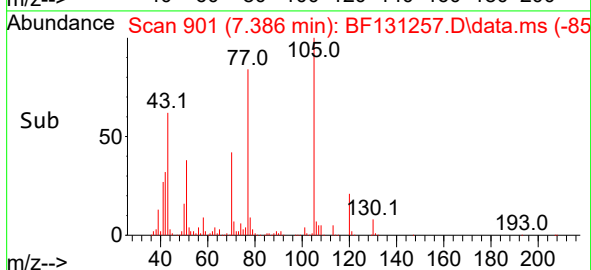
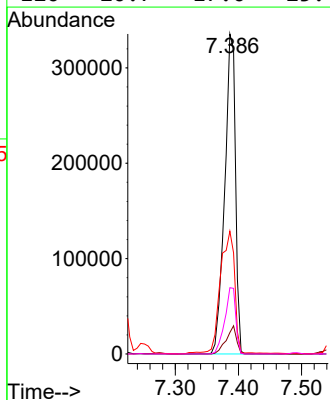
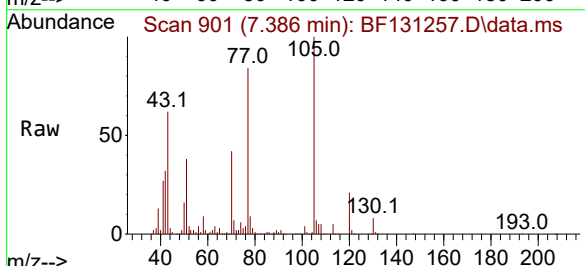
RT: 7.386 min Scan# 901

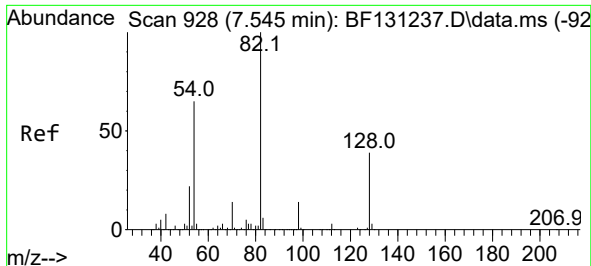
Delta R.T. -0.000 min

Lab File: BF131257.D

Acq: 16 Nov 2022 10:51

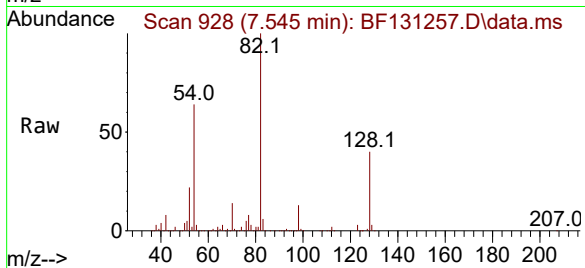
Tgt Ion:	105	Resp:	399064
Ion Ratio	Lower	Upper	
105	100		
71	6.7	4.7	7.1
51	38.4	30.2	45.2
120	20.7	17.0	25.4





#23
Nitrobenzene-d5
Concen: 94.140 ng
RT: 7.545 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

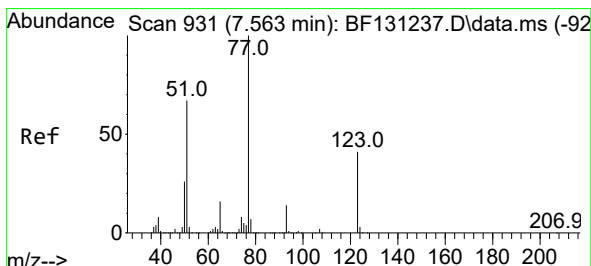
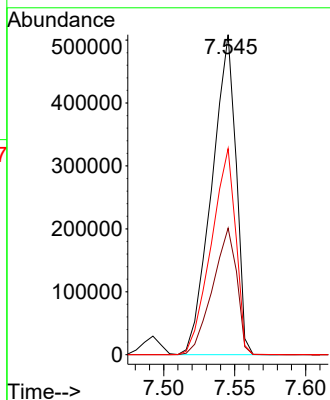
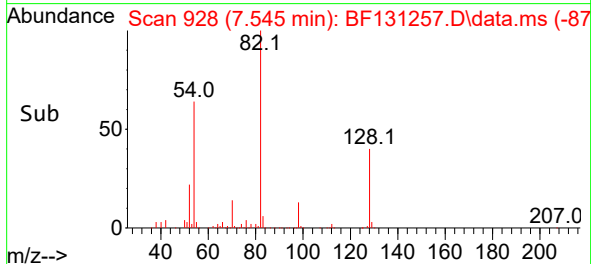
Instrument :
BNA_F
ClientSampleId :
PB148855BS



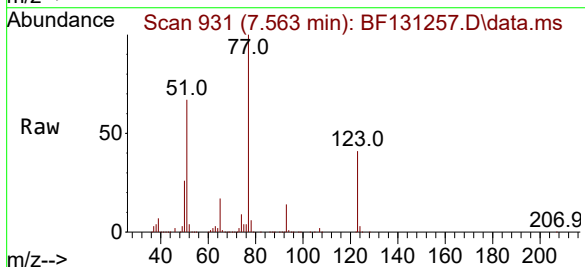
Tgt Ion: 82 Resp: 602804
Ion Ratio Lower Upper
82 100
128 39.6 31.1 46.7
54 64.4 51.8 77.6

Manual Integrations
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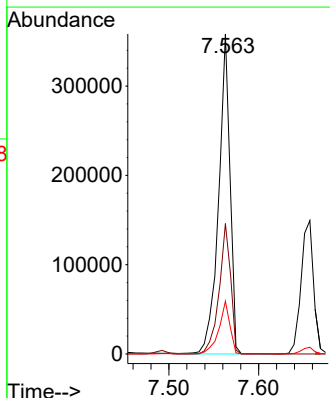
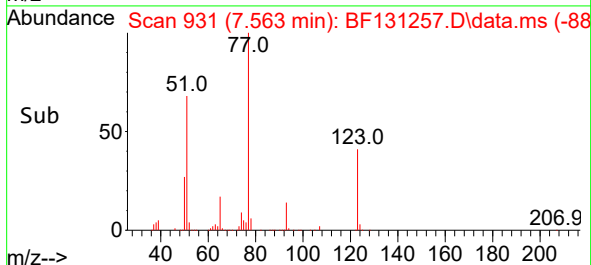
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

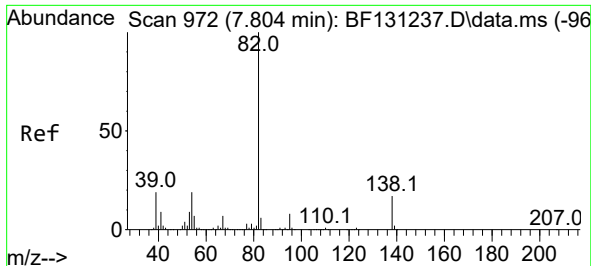


#24
Nitrobenzene
Concen: 45.904 ng
RT: 7.563 min Scan# 931
Delta R.T. -0.000 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51



Tgt Ion: 77 Resp: 317317
Ion Ratio Lower Upper
77 100
123 40.8 33.2 49.8
65 16.5 13.0 19.4





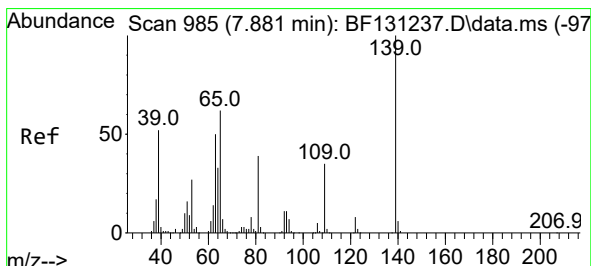
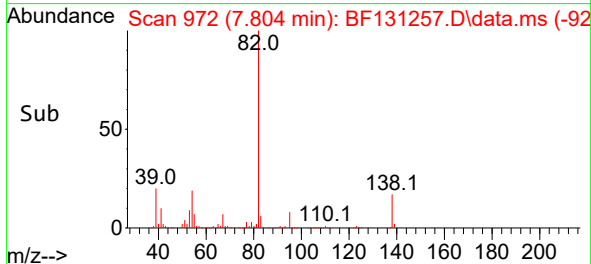
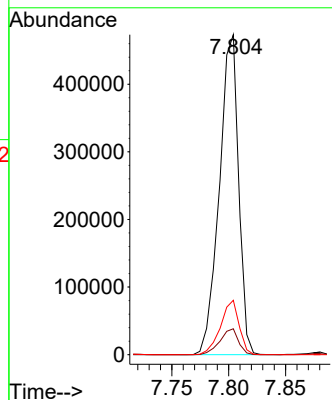
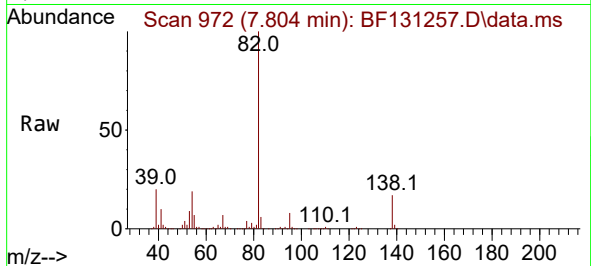
#25
Isophorone
Concen: 43.627 ng
RT: 7.804 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

Instrument :
BNA_F
ClientSampleId :
PB148855BS

Tgt Ion: 82 Resp: 55808
Ion Ratio Lower Upper
82 100
95 8.1 6.2 9.2
138 17.0 13.4 20.0

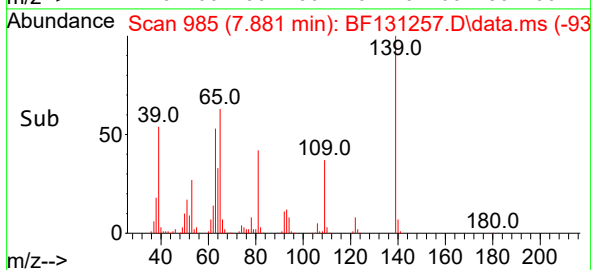
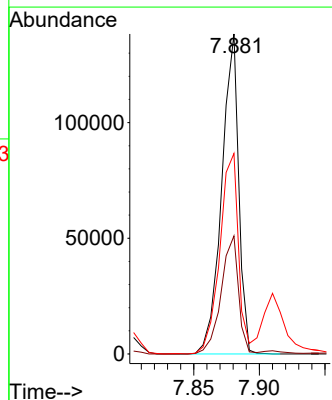
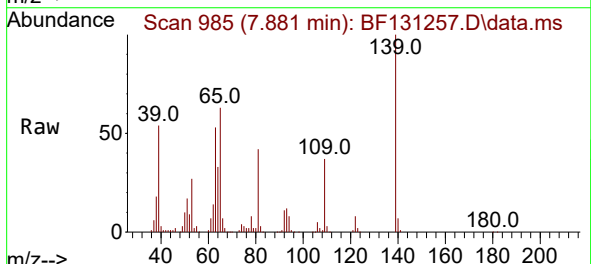
Manual Integrations
APPROVED

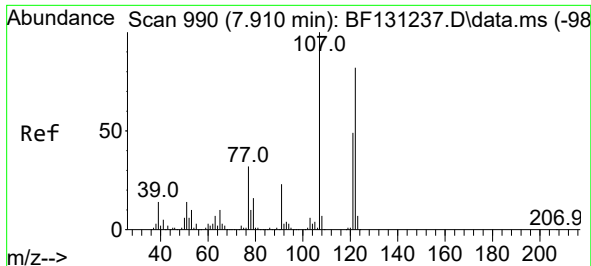
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#26
2-Nitrophenol
Concen: 45.165 ng
RT: 7.881 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

Tgt Ion:139 Resp: 124320
Ion Ratio Lower Upper
139 100
109 36.9 28.0 42.0
65 62.6 49.3 73.9





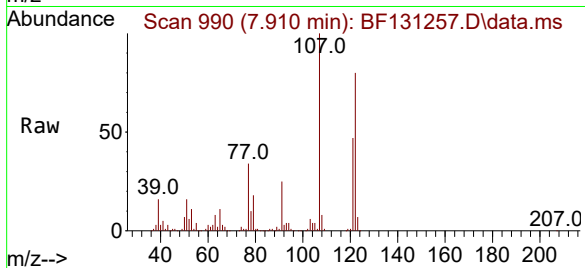
#27
2,4-Dimethylphenol
Concen: 52.593 ng
RT: 7.910 min Scan# 990
Delta R.T. -0.000 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

Instrument :

BNA_F

ClientSampleId :

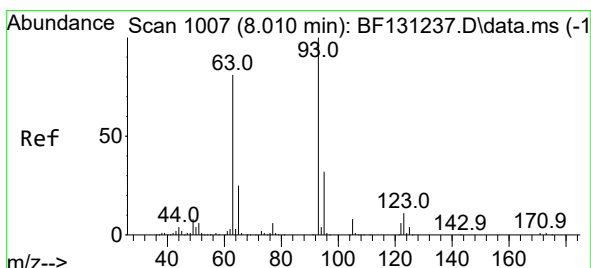
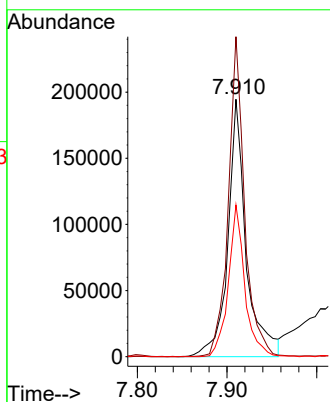
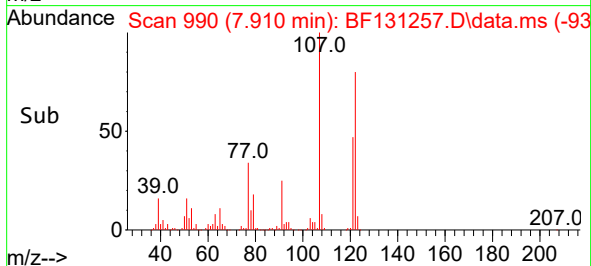
PB148855BS



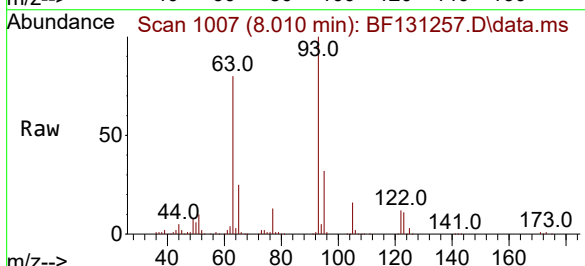
Tgt Ion:122 Resp: 27538
Ion Ratio Lower Upper
122 100
107 124.3 97.1 145.7
121 58.9 47.5 71.3

Manual Integrations
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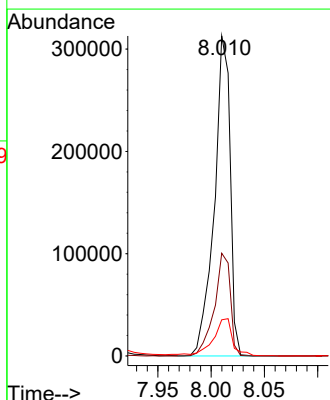
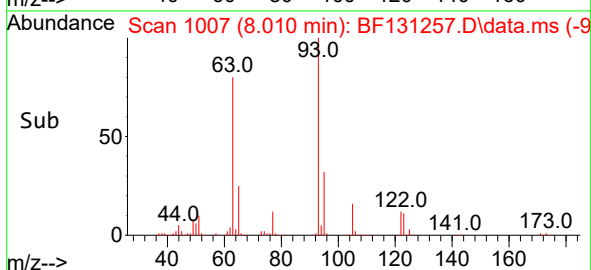
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

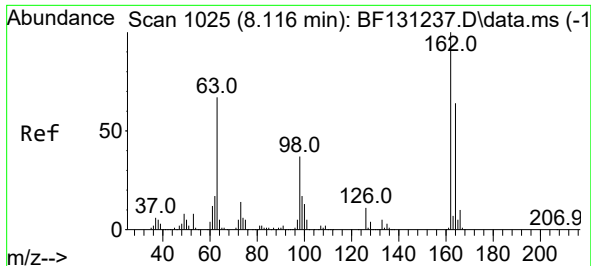


#28
bis(2-Chloroethoxy)methane
Concen: 44.717 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51



Tgt Ion: 93 Resp: 322513
Ion Ratio Lower Upper
93 100
95 32.1 25.7 38.5
123 11.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 41.713 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.000 min

Lab File: BF131257.D

Acq: 16 Nov 2022 10:51

Instrument :

BNA_F

ClientSampleId :

PB148855BS

Tgt Ion:162 Resp: 236200

Ion Ratio Lower Upper

162 100

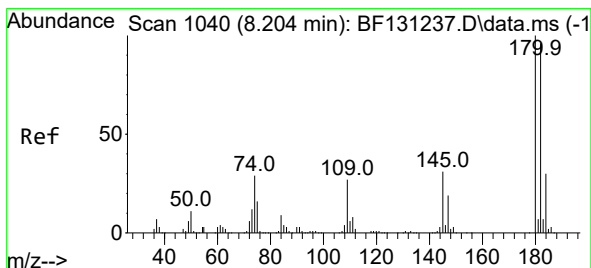
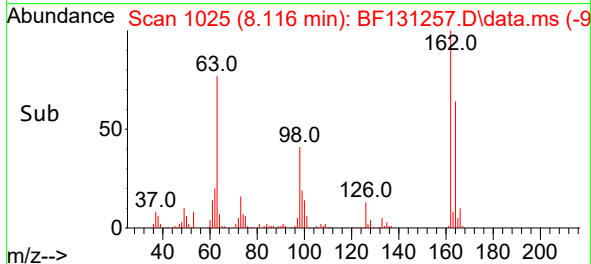
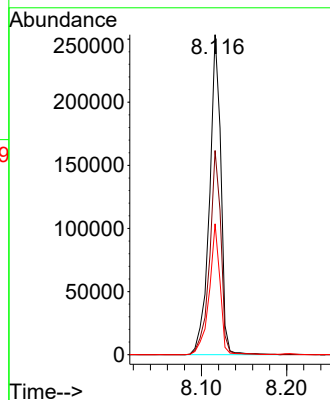
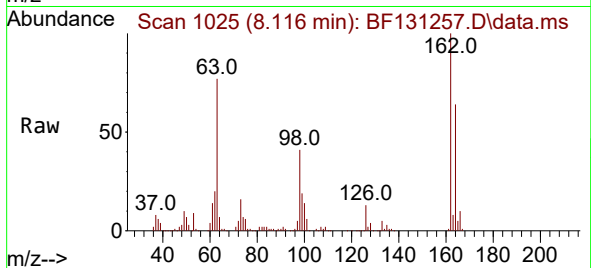
164 63.8 43.5 83.5

98 40.9 17.2 57.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#30

1,2,4-Trichlorobenzene

Concen: 40.472 ng

RT: 8.204 min Scan# 1040

Delta R.T. -0.000 min

Lab File: BF131257.D

Acq: 16 Nov 2022 10:51

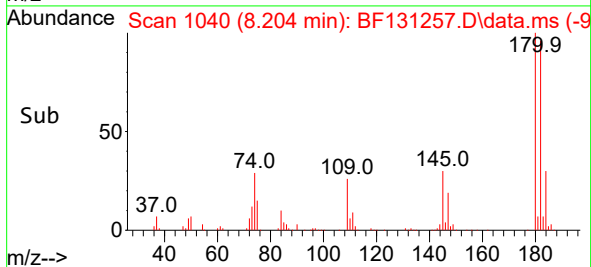
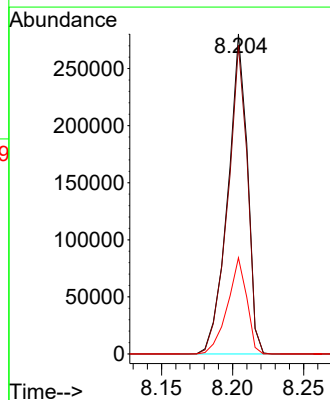
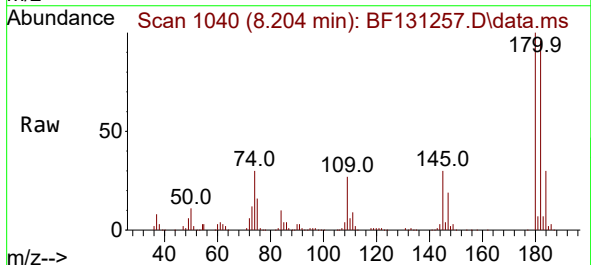
Tgt Ion:180 Resp: 268690

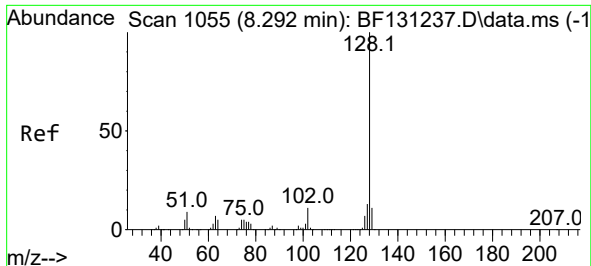
Ion Ratio Lower Upper

180 100

182 96.4 76.6 115.0

145 30.0 24.8 37.2





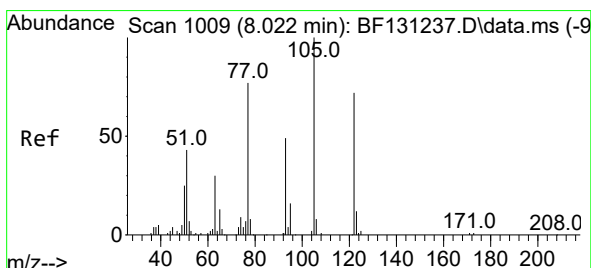
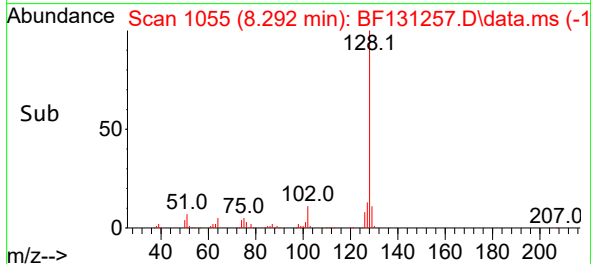
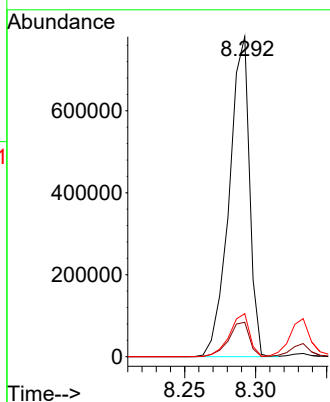
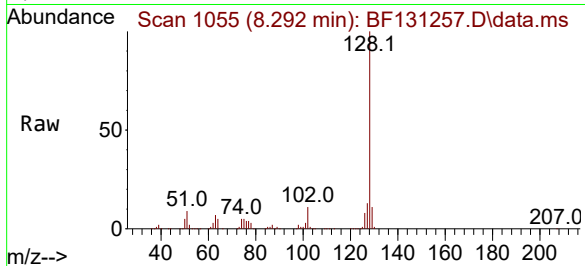
#31
Naphthalene
Concen: 39.886 ng
RT: 8.292 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

Instrument :
BNA_F
ClientSampleId :
PB148855BS

Tgt Ion:128 Resp: 77668
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 13.5 10.3 15.5

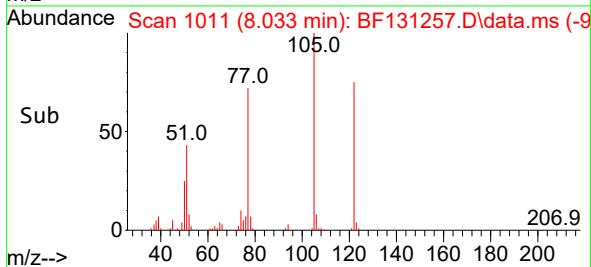
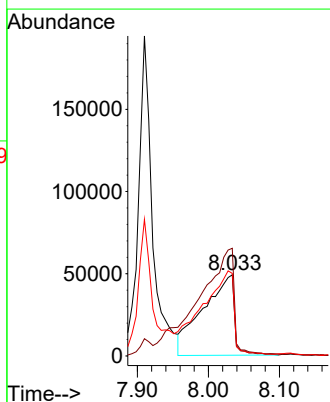
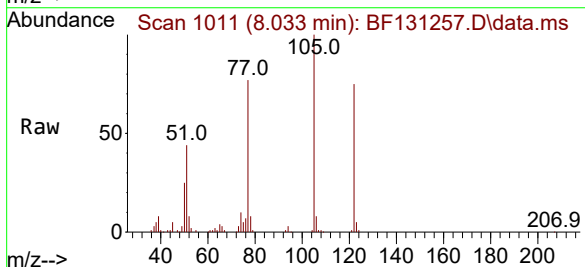
Manual Integrations
APPROVED

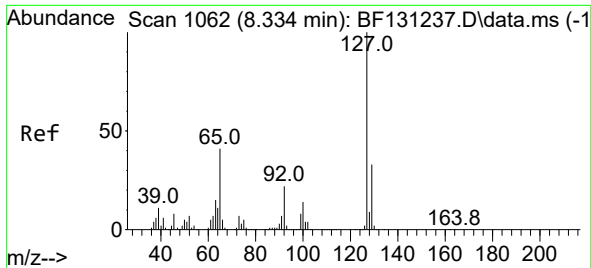
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#32
Benzoic acid
Concen: 40.890 ng
RT: 8.033 min Scan# 1011
Delta R.T. 0.011 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

Tgt Ion:122 Resp: 150696
Ion Ratio Lower Upper
122 100
105 132.9 116.9 156.9
77 101.8 86.9 126.9





#33
4-Chloroaniline
Concen: 13.049 ng
RT: 8.333 min Scan# 1062
Delta R.T. -0.000 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

Instrument :

BNA_F

ClientSampleId :

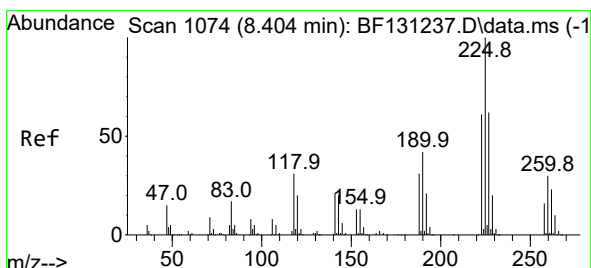
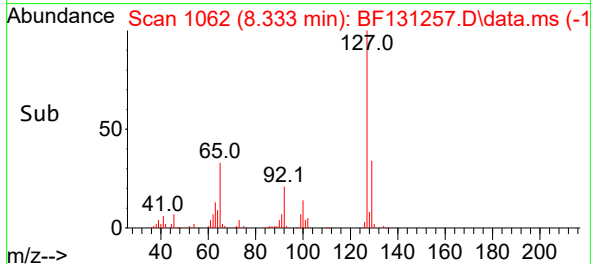
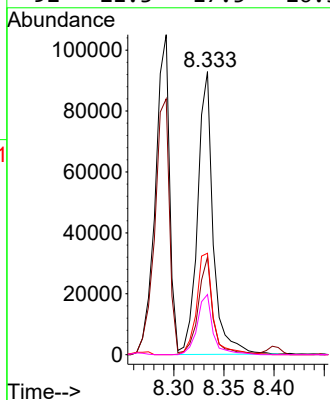
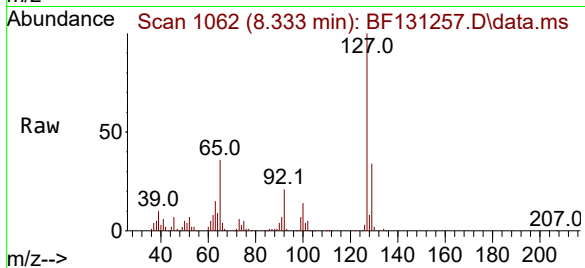
PB148855BS

Tgt Ion:127 Resp: 100023
Ion Ratio Lower Upper
127 100
129 34.5 26.0 39.0
65 35.8 32.6 48.8
92 21.3 17.5 26.3

Manual Integrations

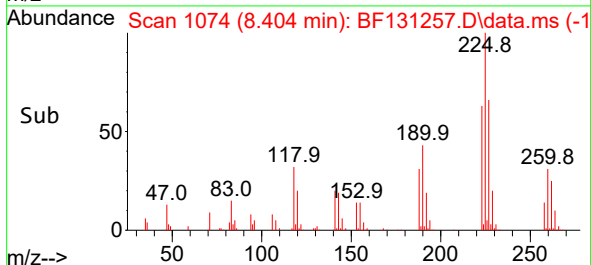
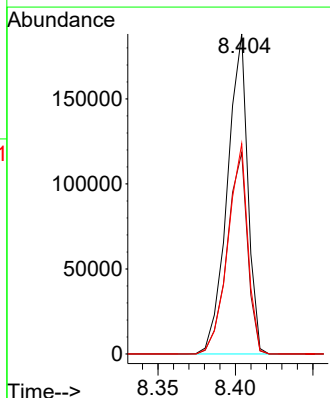
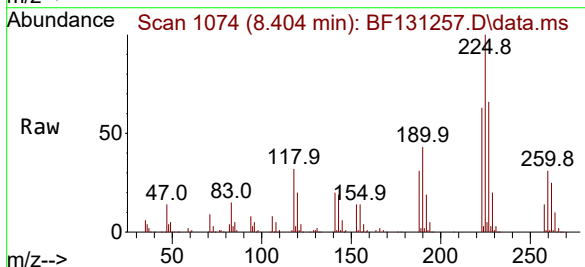
APPROVED

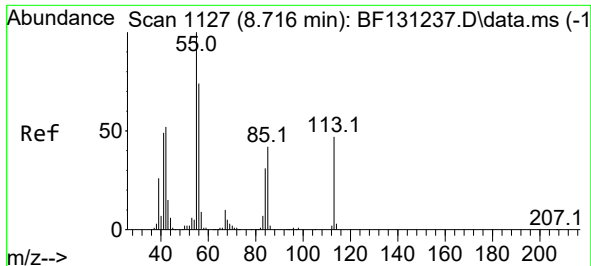
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#34
Hexachlorobutadiene
Concen: 41.048 ng
RT: 8.404 min Scan# 1074
Delta R.T. -0.000 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

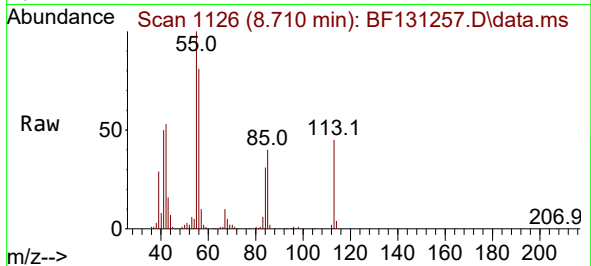
Tgt Ion:225 Resp: 172476
Ion Ratio Lower Upper
225 100
223 62.9 49.1 73.7
227 65.7 50.0 75.0





#35
Caprolactam
Concen: 44.164 ng m
RT: 8.710 min Scan# 1127
Delta R.T. -0.006 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

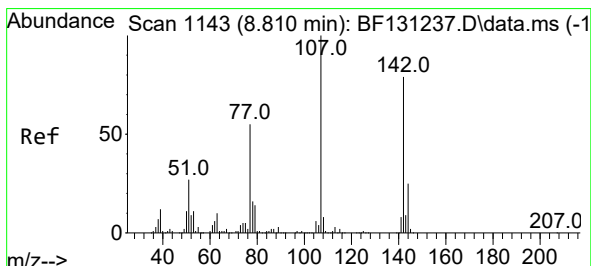
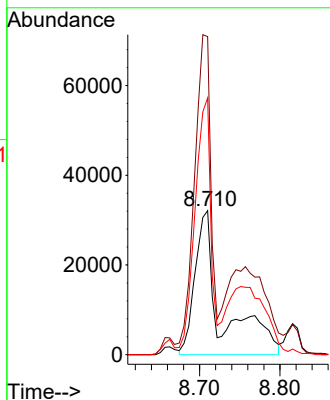
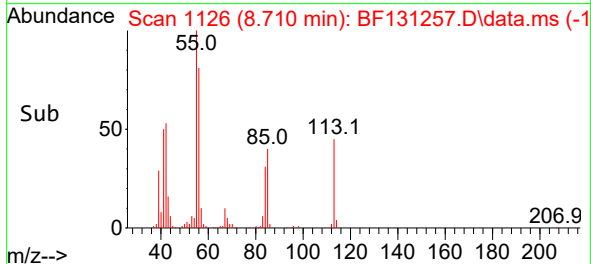
Instrument :
BNA_F
ClientSampleId :
PB148855BS



Tgt Ion:113 Resp: 7390
Ion Ratio Lower Upper
113 100
55 220.9 193.2 233.2
56 178.4 137.2 177.2

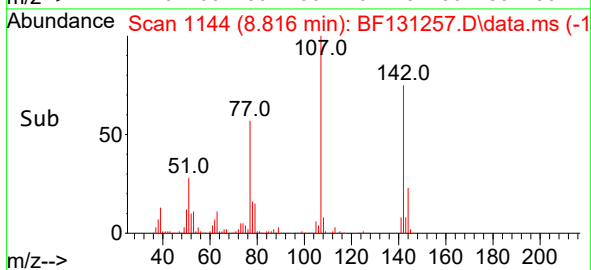
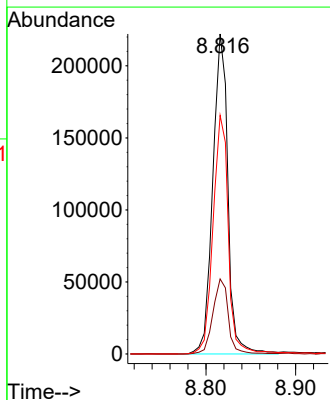
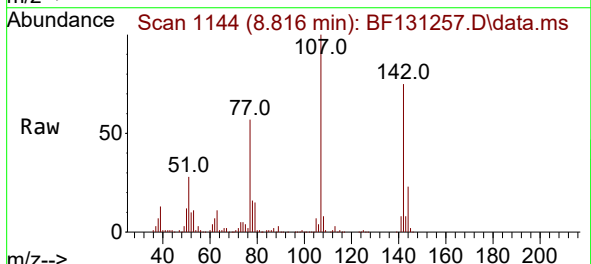
Manual Integrations
APPROVED

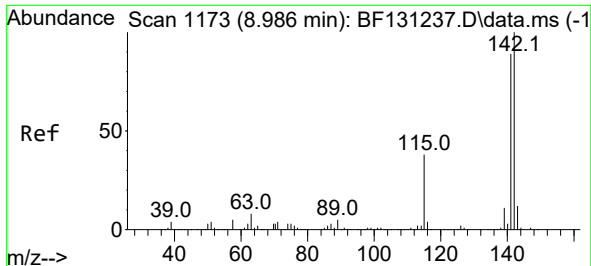
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#36
4-Chloro-3-methylphenol
Concen: 43.610 ng
RT: 8.816 min Scan# 1144
Delta R.T. 0.006 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

Tgt Ion:107 Resp: 259930
Ion Ratio Lower Upper
107 100
144 23.5 20.2 30.2
142 74.5 63.0 94.6





#37
2-Methylnaphthalene
Concen: 40.559 ng
RT: 8.986 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

Instrument :

BNA_F

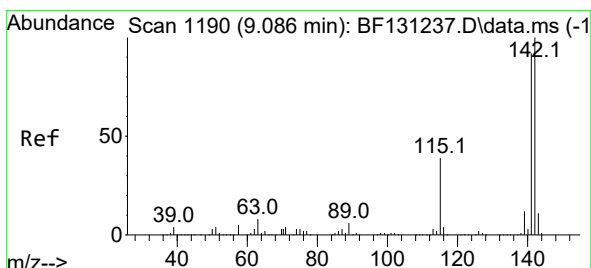
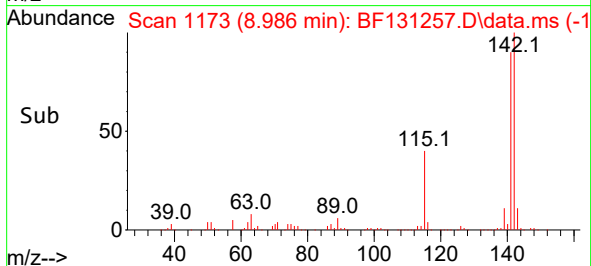
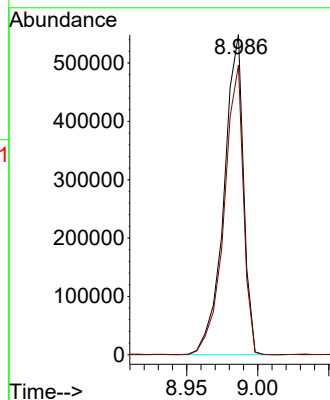
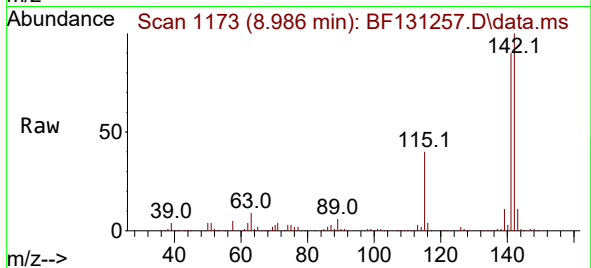
ClientSampleId :

PB148855BS

Tgt Ion:142 Resp: 52599
Ion Ratio Lower Upper
142 100
141 90.5 71.0 106.6

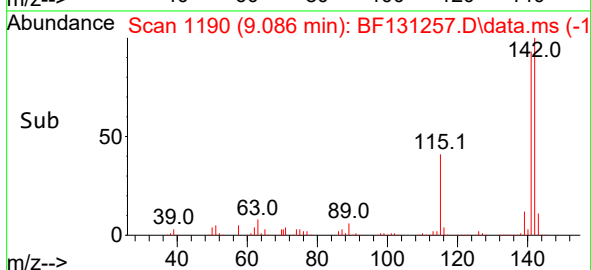
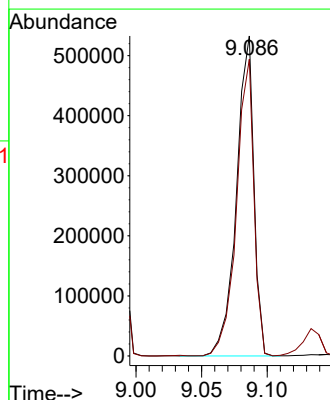
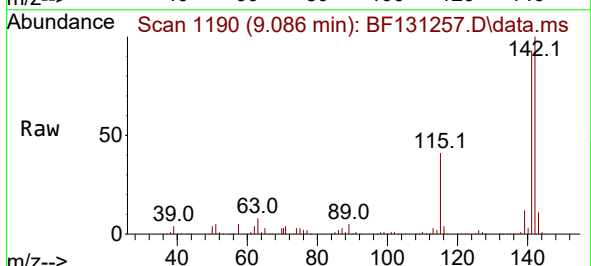
Manual Integrations
APPROVED

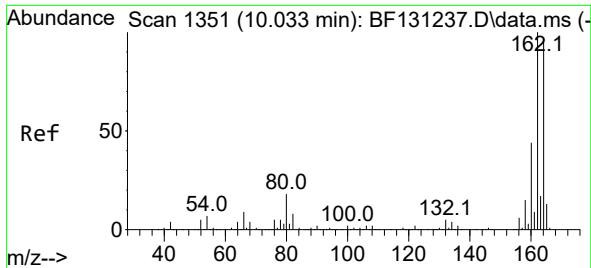
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#38
1-Methylnaphthalene
Concen: 39.389 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

Tgt Ion:142 Resp: 495328
Ion Ratio Lower Upper
142 100
141 92.7 73.4 110.2





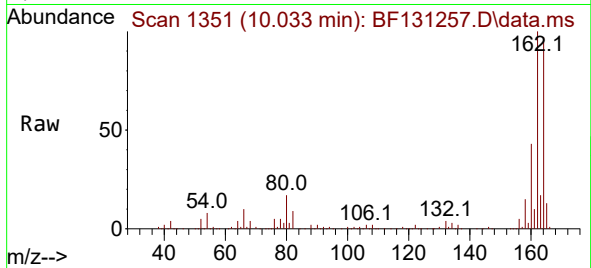
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

Instrument :

BNF_F

ClientSampleId :

PB148855BS

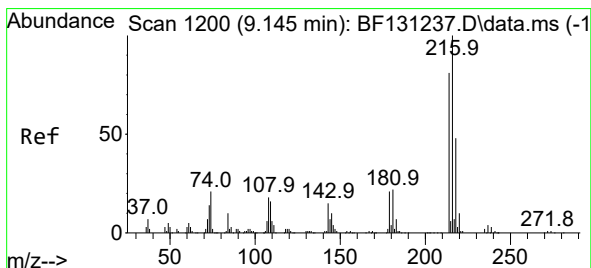
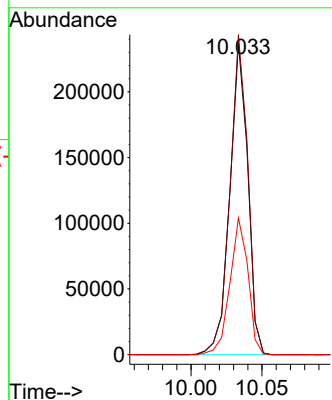
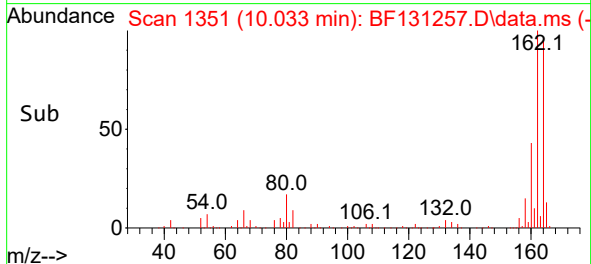


Tgt Ion:164 Resp: 208050
Ion Ratio Lower Upper
164 100
162 102.6 82.1 123.1
160 43.8 36.2 54.4

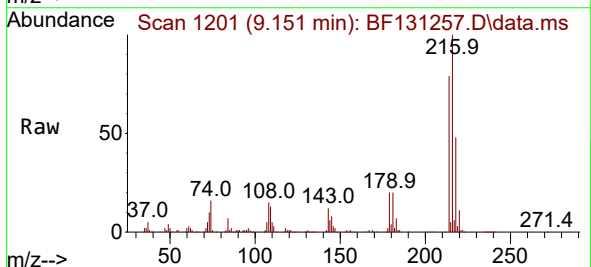
Manual Integrations

APPROVED

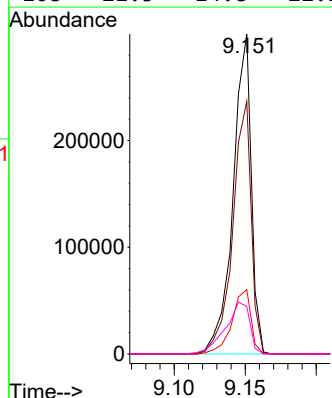
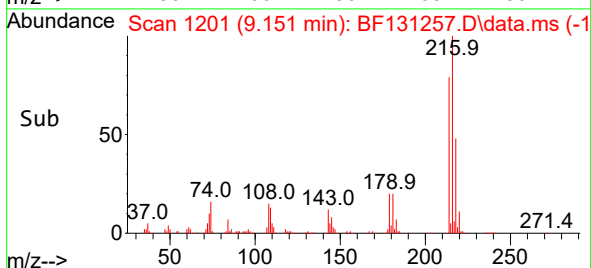
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

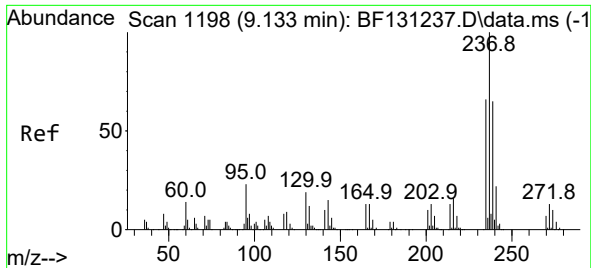


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.957 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.006 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51



Tgt Ion:216 Resp: 267666
Ion Ratio Lower Upper
216 100
214 79.8 63.7 95.5
179 21.0 16.5 24.7
108 21.5 14.8 22.2





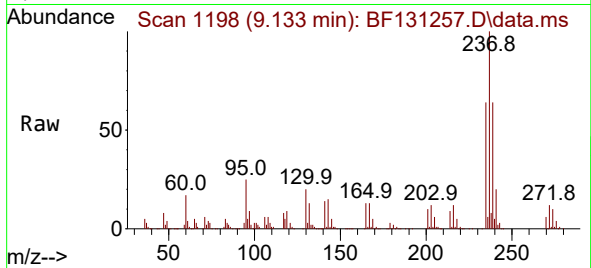
#41
Hexachlorocyclopentadiene
Concen: 99.755 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

Instrument :

BNA_F

ClientSampleId :

PB148855BS

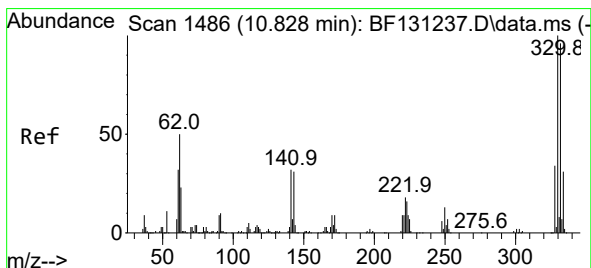
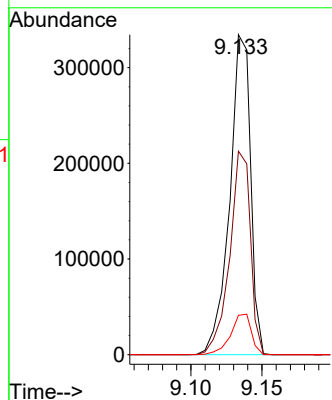
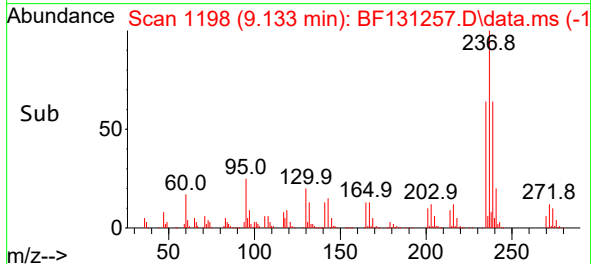


Tgt Ion:237 Resp: 342504
Ion Ratio Lower Upper
237 100
235 63.6 45.6 85.6
272 12.3 0.0 32.6

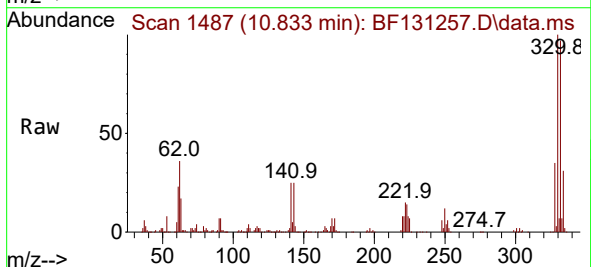
Manual Integrations

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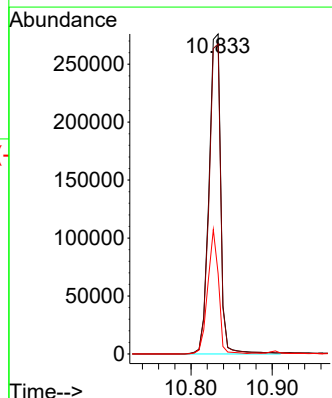
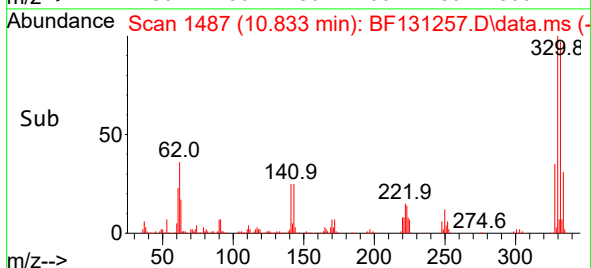
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

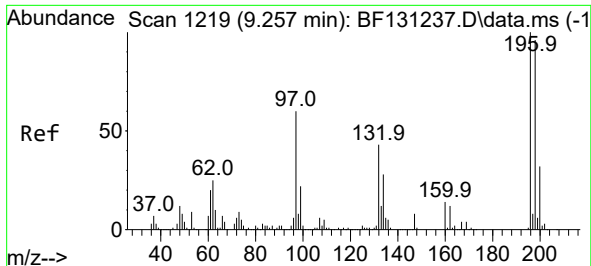


#42
2,4,6-Tribromophenol
Concen: 138.773 ng
RT: 10.833 min Scan# 1487
Delta R.T. 0.005 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51



Tgt Ion:330 Resp: 275794
Ion Ratio Lower Upper
330 100
332 96.2 76.8 115.2
141 35.7 29.6 44.4





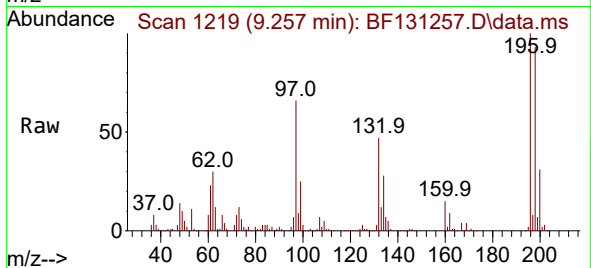
#43
2,4,6-Trichlorophenol
Concen: 36.935 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

Instrument :

BNA_F

ClientSampleId :

PB148855BS

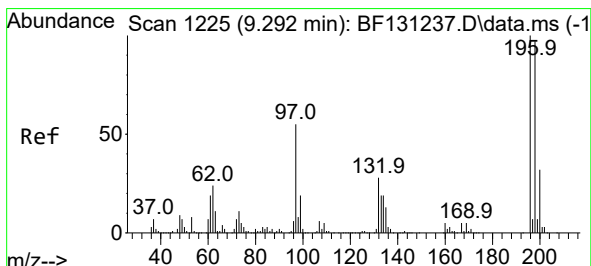
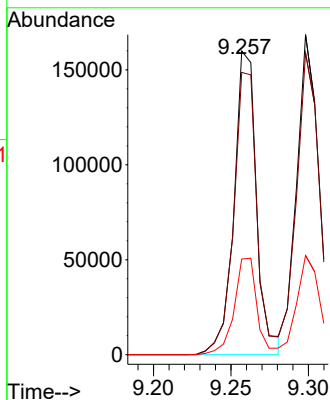
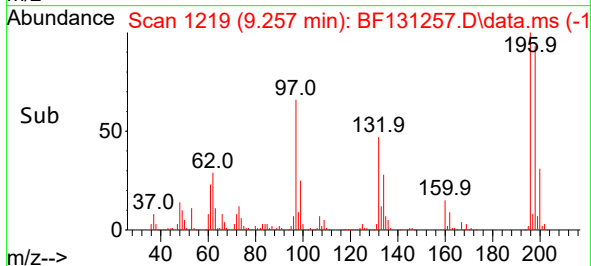


Tgt Ion:196 Resp: 16176
Ion Ratio Lower Upper
196 100
198 93.0 76.5 114.7
200 31.5 25.3 37.9

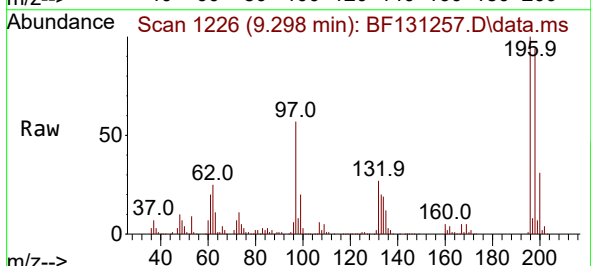
Manual Integrations

APPROVED

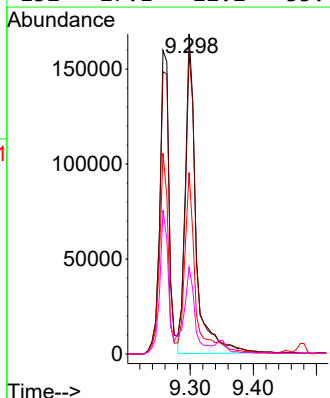
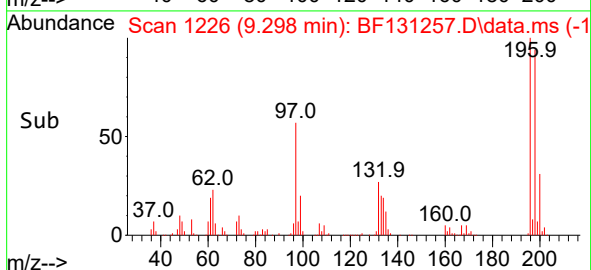
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

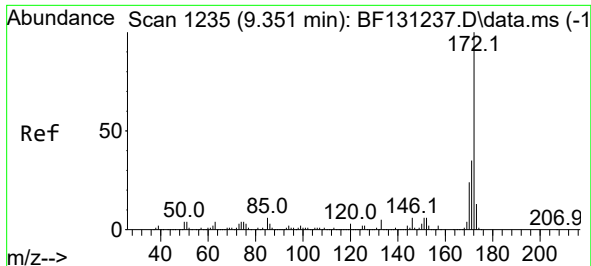


#44
2,4,5-Trichlorophenol
Concen: 42.585 ng
RT: 9.298 min Scan# 1226
Delta R.T. 0.006 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51



Tgt Ion:196 Resp: 200143
Ion Ratio Lower Upper
196 100
198 94.3 77.0 115.6
97 56.7 44.3 66.5
132 27.1 22.2 33.4





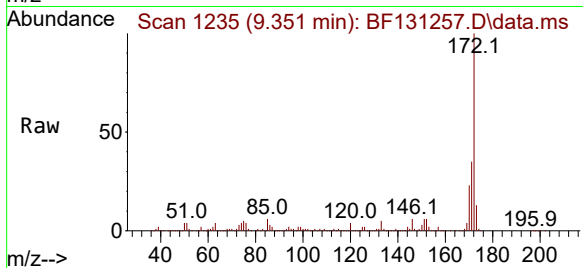
#45
2-Fluorobiphenyl
Concen: 79.472 ng
RT: 9.351 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

Instrument :

BNA_F

ClientSampleId :

PB148855BS

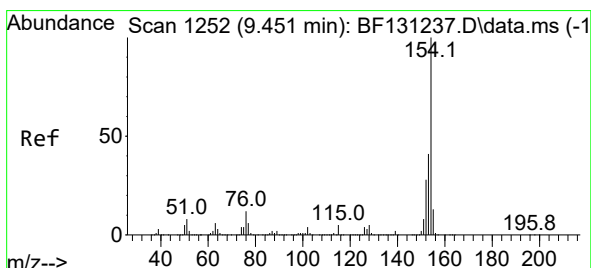
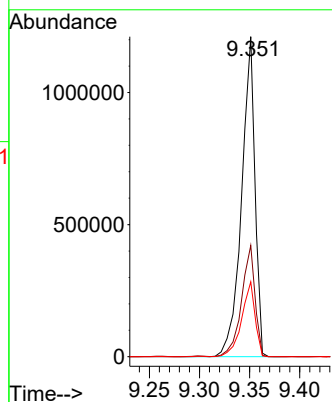
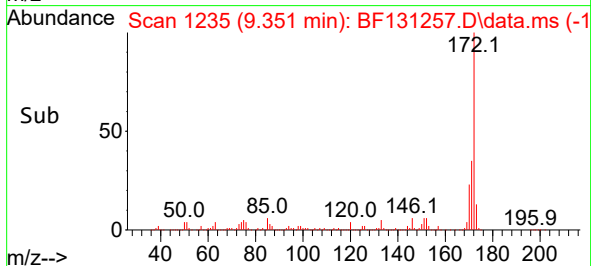


Tgt Ion:172 Resp: 112986
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.4 18.8 28.2

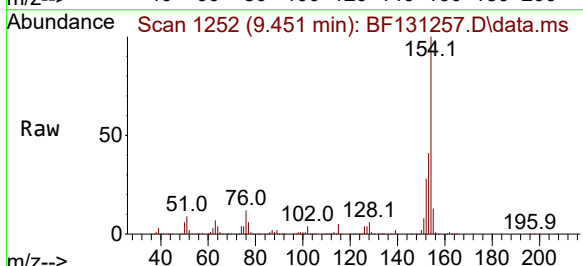
Manual Integrations

APPROVED

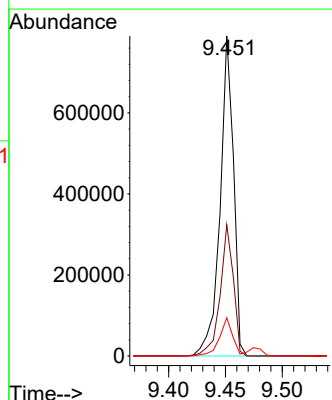
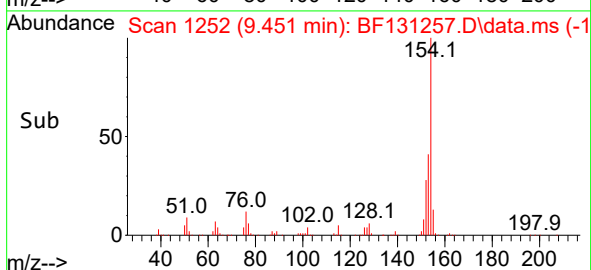
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

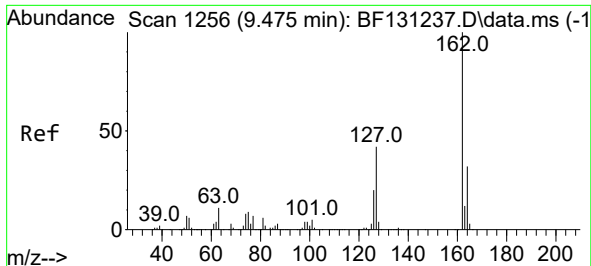


#46
1,1'-Biphenyl
Concen: 40.655 ng
RT: 9.451 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51



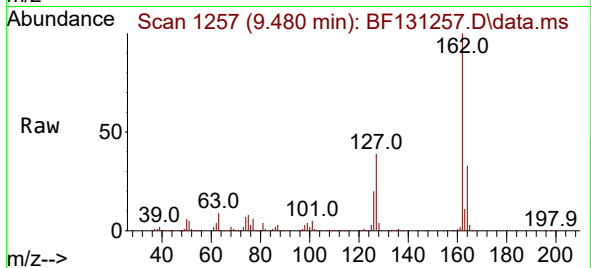
Tgt Ion:154 Resp: 650246
Ion Ratio Lower Upper
154 100
153 41.0 20.8 60.8
76 12.0 0.0 31.6





#47
2-Chloronaphthalene
Concen: 39.348 ng
RT: 9.480 min Scan# 1257
Delta R.T. 0.006 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

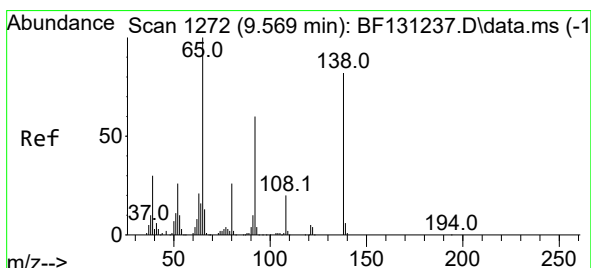
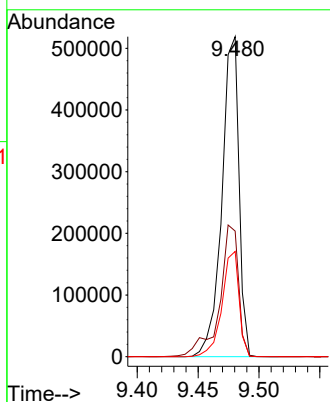
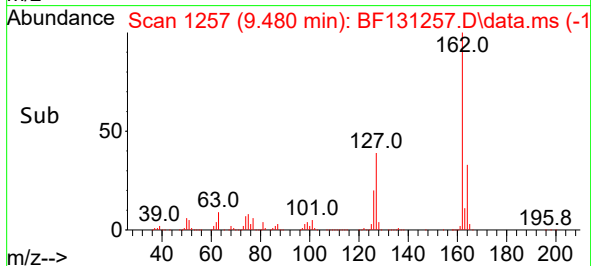
Instrument :
BNA_F
ClientSampleId :
PB148855BS



Tgt Ion:162 Resp: 509824
Ion Ratio Lower Upper
162 100
127 39.3 34.1 51.1
164 32.9 25.9 38.9

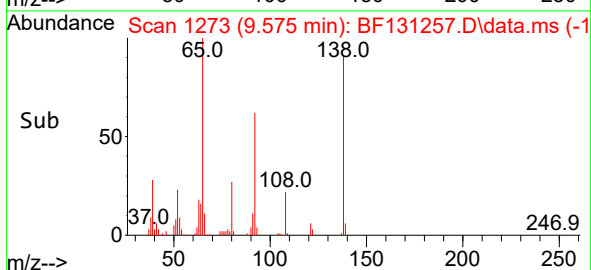
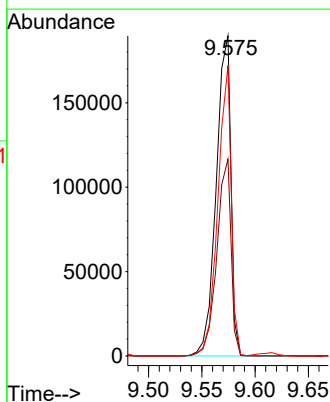
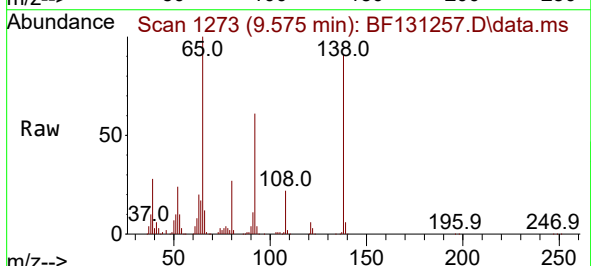
Manual Integrations
APPROVED

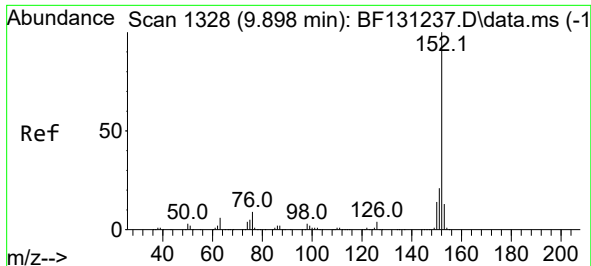
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#48
2-Nitroaniline
Concen: 44.024 ng
RT: 9.575 min Scan# 1273
Delta R.T. 0.006 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

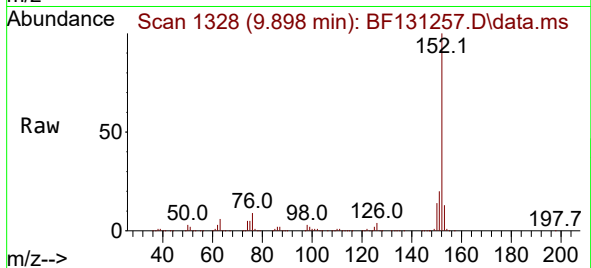
Tgt Ion: 65 Resp: 181510
Ion Ratio Lower Upper
65 100
92 61.5 48.2 72.2
138 90.7 65.8 98.8





#49
Acenaphthylene
Concen: 39.760 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

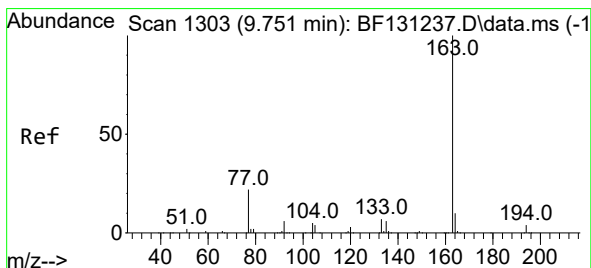
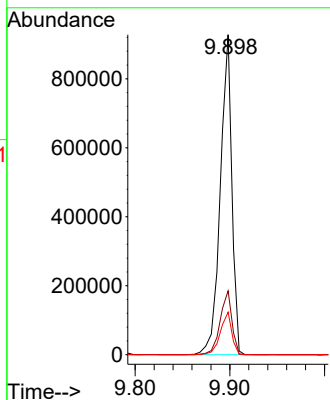
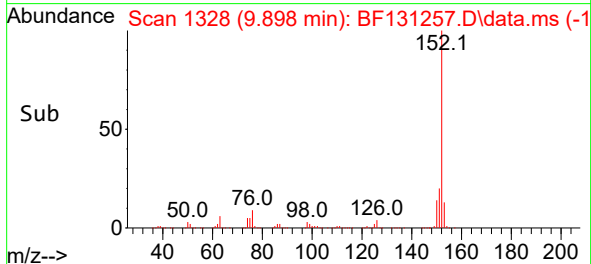
Instrument :
BNA_F
ClientSampleId :
PB148855BS



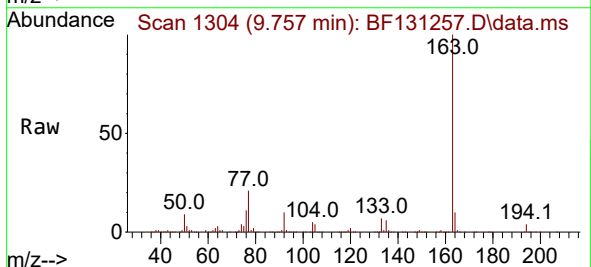
Tgt Ion:152 Resp: 786662
Ion Ratio Lower Upper
152 100
151 19.9 16.4 24.6
153 13.3 10.5 15.7

Manual Integrations
APPROVED

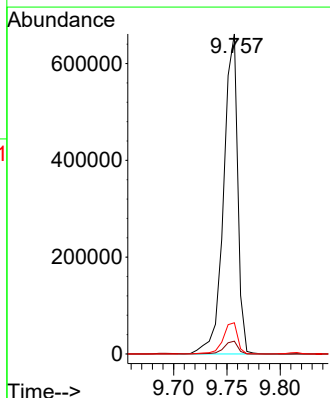
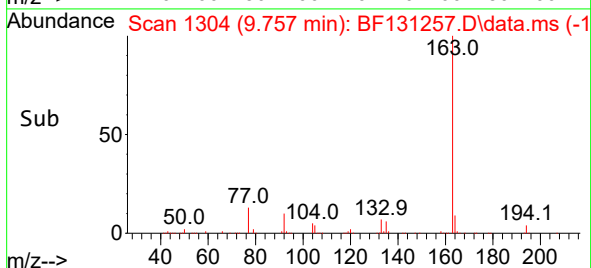
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

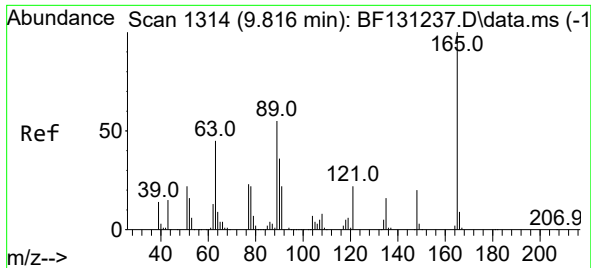


#50
Dimethylphthalate
Concen: 40.639 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.006 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51



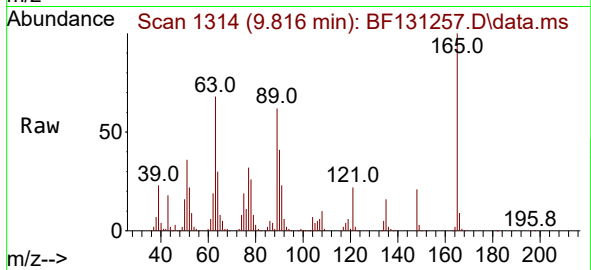
Tgt Ion:163 Resp: 605449
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 9.7 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 44.291 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

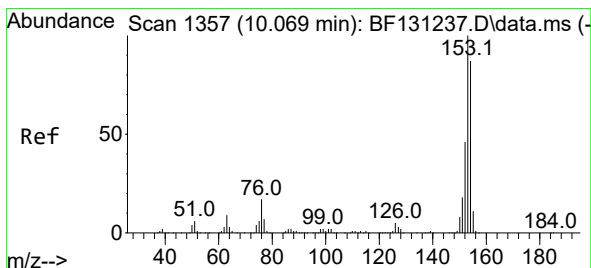
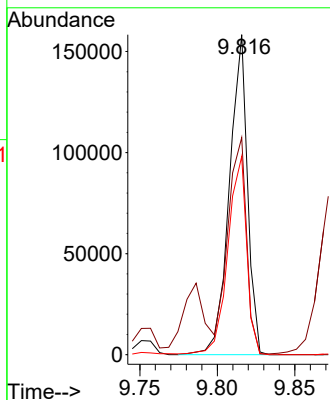
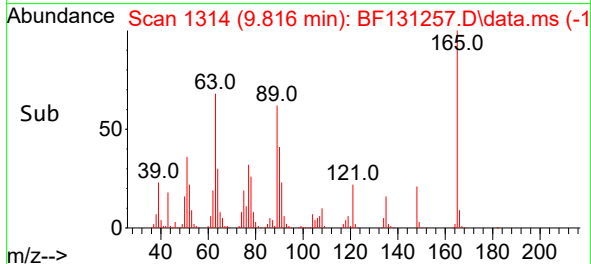
Instrument :
BNA_F
ClientSampleId :
PB148855BS



Tgt Ion:165 Resp: 12872
Ion Ratio Lower Upper
165 100
63 67.9 49.8 74.6
89 61.9 44.5 66.7

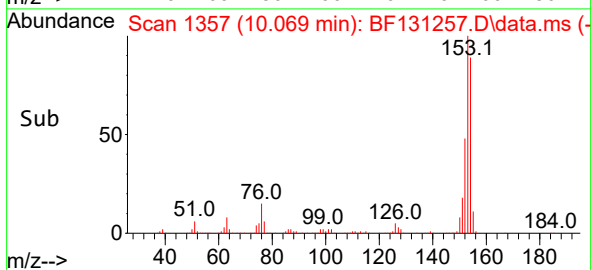
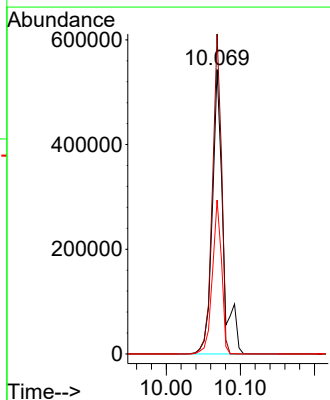
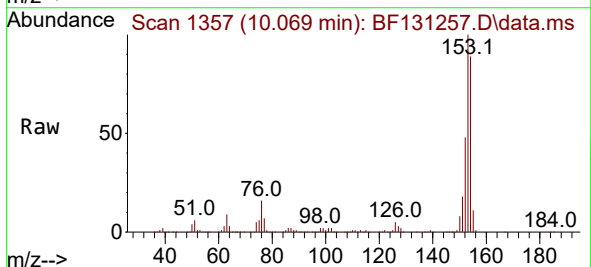
Manual Integrations
APPROVED

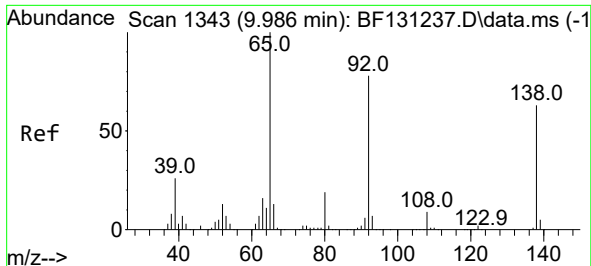
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#52
Acenaphthene
Concen: 43.940 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.000 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

Tgt Ion:154 Resp: 542661
Ion Ratio Lower Upper
154 100
153 112.5 91.4 137.2
152 54.1 42.4 63.6





#53
3-Nitroaniline
Concen: 24.664 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.000 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

Instrument :

BNA_F

ClientSampleId :

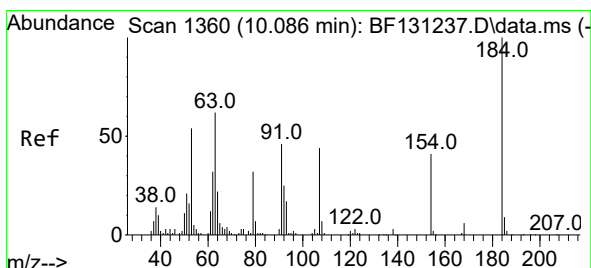
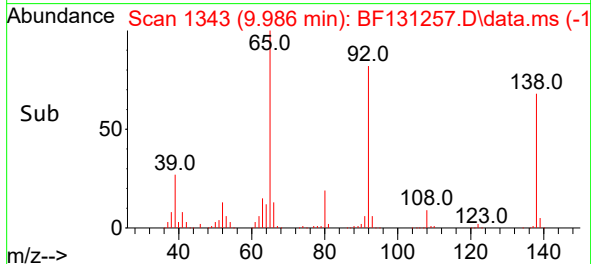
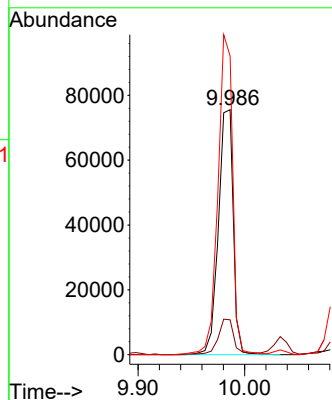
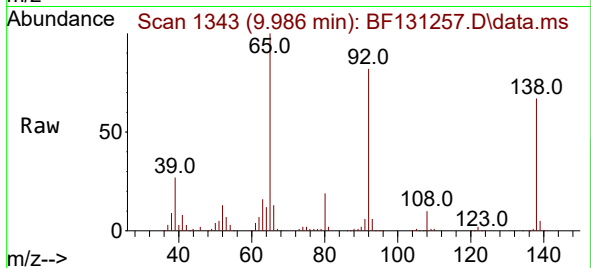
PB148855BS

Tgt Ion:138 Resp: 72579
Ion Ratio Lower Upper
138 100
108 14.2 11.4 17.2
92 121.8 98.6 148.0

Manual Integrations

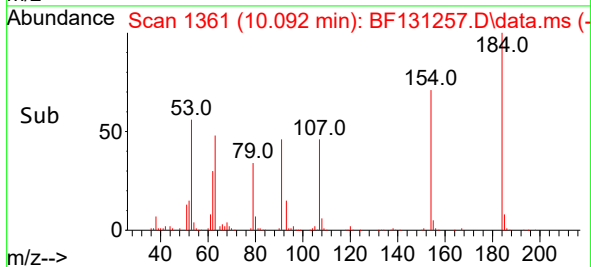
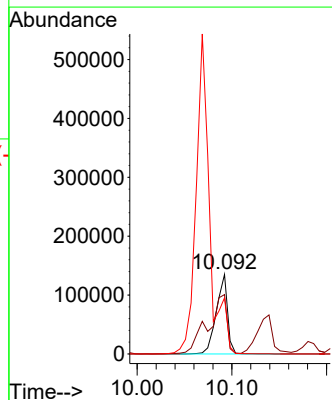
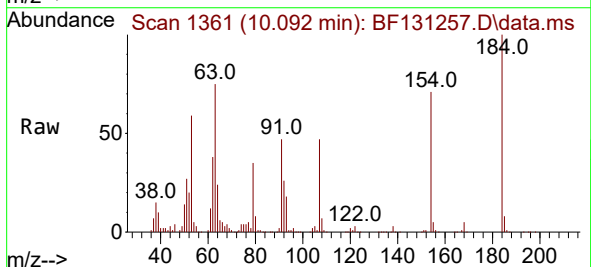
APPROVED

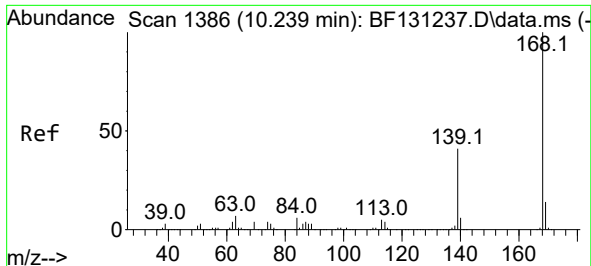
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#54
2,4-Dinitrophenol
Concen: 82.773 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

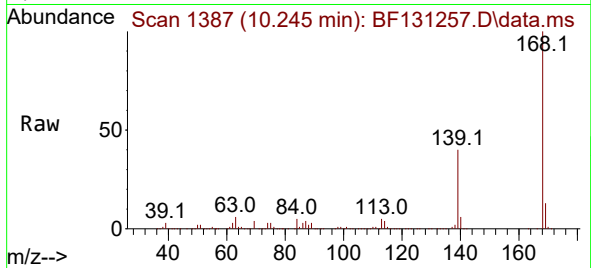
Tgt Ion:184 Resp: 111049
Ion Ratio Lower Upper
184 100
63 74.5 52.5 78.7
154 70.7 54.0 81.0





#55
Dibenzenofuran
Concen: 40.131 ng
RT: 10.245 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

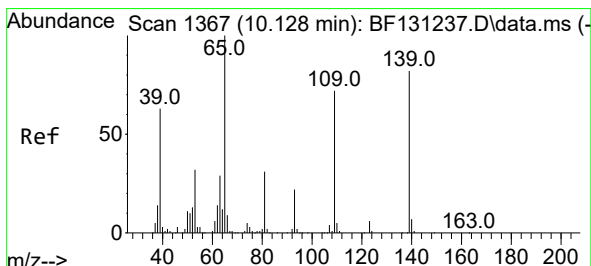
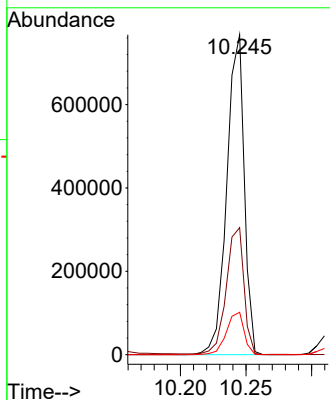
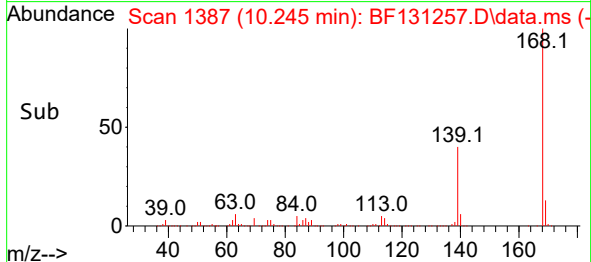
Instrument :
BNA_F
ClientSampleId :
PB148855BS



Tgt Ion:168 Resp: 710082
Ion Ratio Lower Upper
168 100
139 39.7 32.9 49.3
169 13.2 10.8 16.2

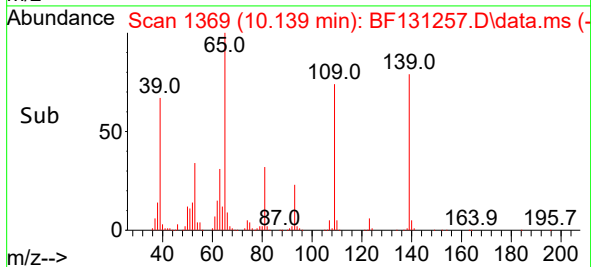
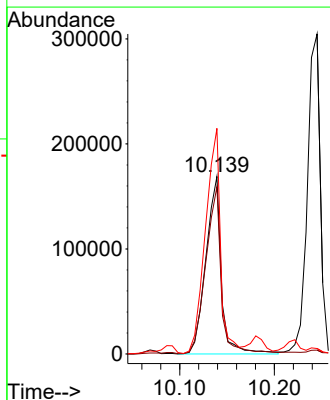
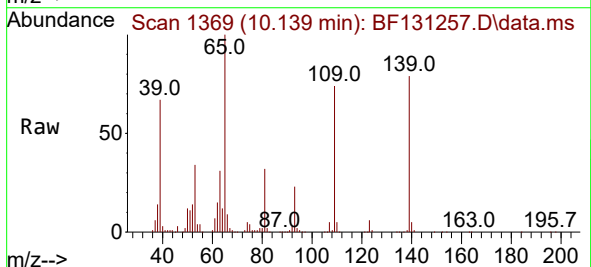
Manual Integrations
APPROVED

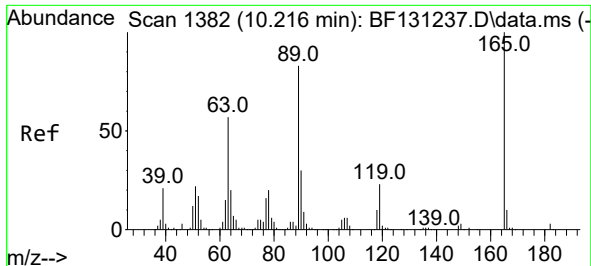
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#56
4-Nitrophenol
Concen: 82.028 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.011 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

Tgt Ion:139 Resp: 192282
Ion Ratio Lower Upper
139 100
109 94.2 68.1 108.1
65 127.2 101.6 141.6





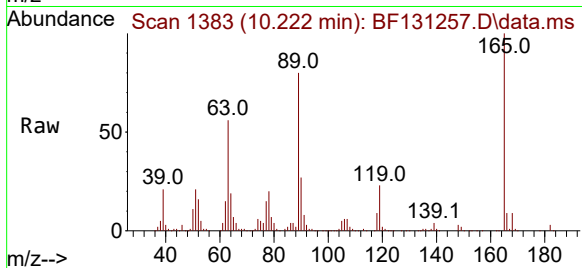
#57
2,4-Dinitrotoluene
Concen: 45.863 ng
RT: 10.222 min Scan# 1383
Delta R.T. 0.006 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

Instrument :

BNA_F

ClientSampleId :

PB148855BS

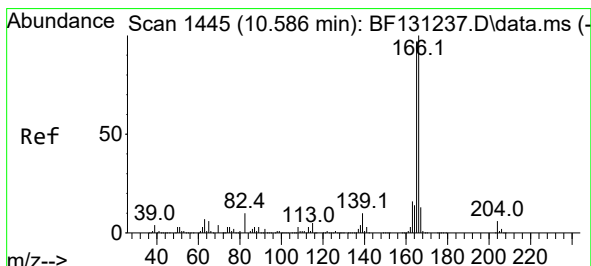
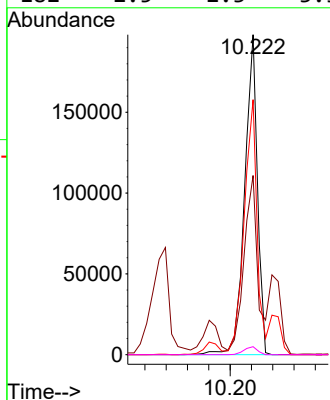
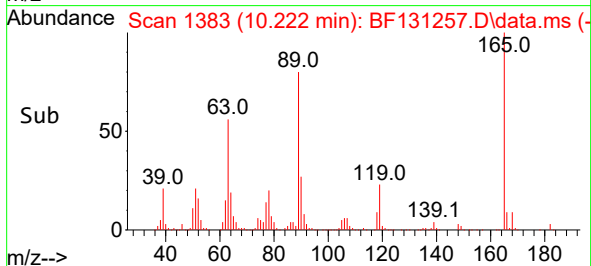


Tgt Ion:165 Resp: 165648
Ion Ratio Lower Upper
165 100
63 56.0 46.0 69.0
89 79.7 66.2 99.4
182 2.5 2.3 3.5

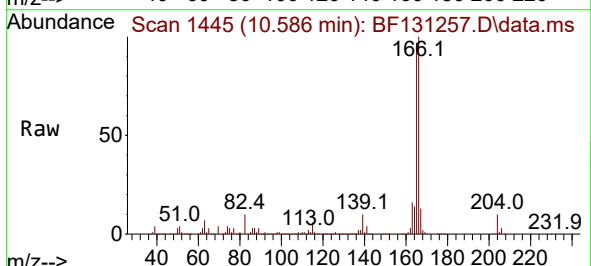
Manual Integrations

APPROVED

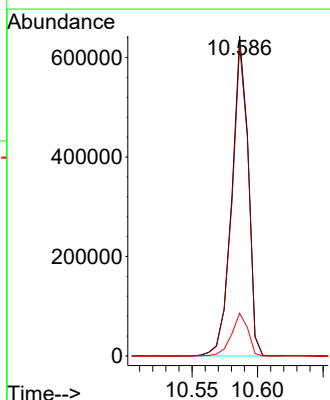
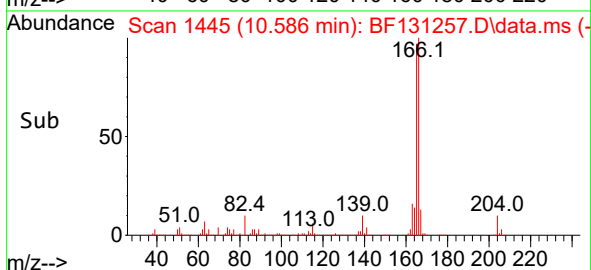
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

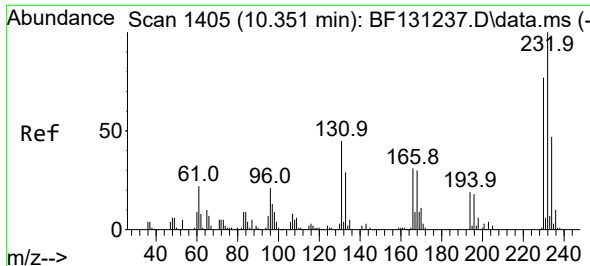


#58
Fluorene
Concen: 39.988 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51



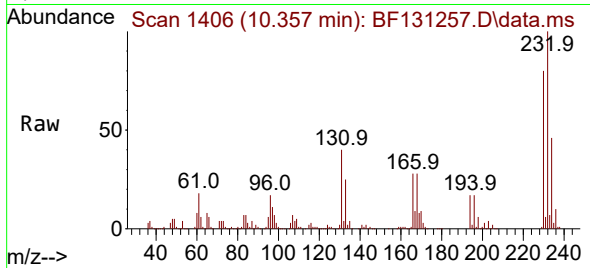
Tgt Ion:166 Resp: 556779
Ion Ratio Lower Upper
166 100
165 97.1 77.4 116.0
167 13.3 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.662 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

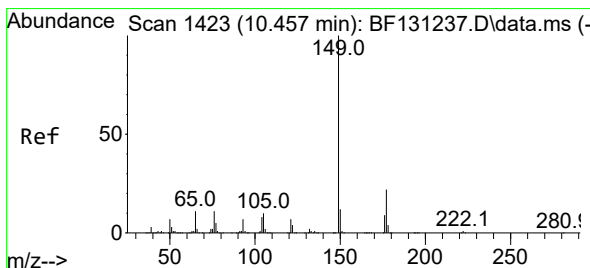
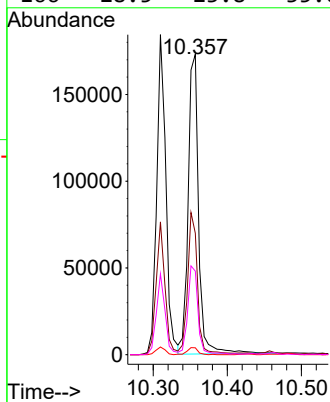
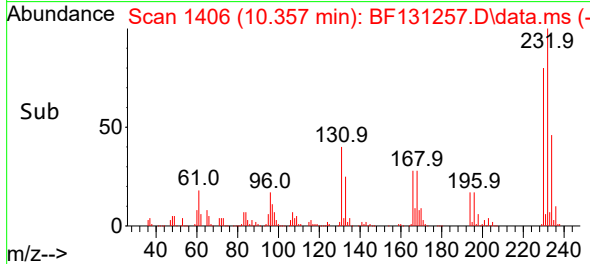
Instrument :
BNA_F
ClientSampleId :
PB148855BS



Tgt Ion:232 Resp: 169850
Ion Ratio Lower Upper
232 100
131 43.3 34.6 51.8
130 2.5 1.9 2.9
166 28.5 23.8 35.6

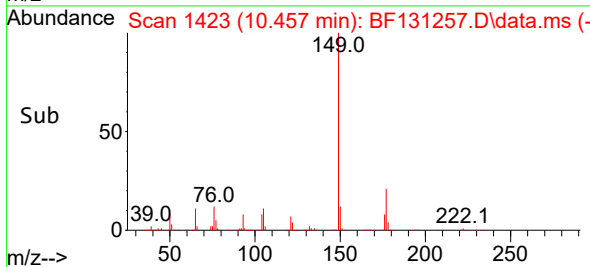
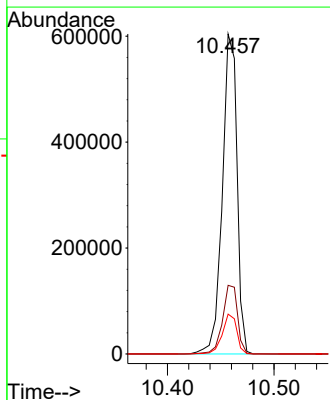
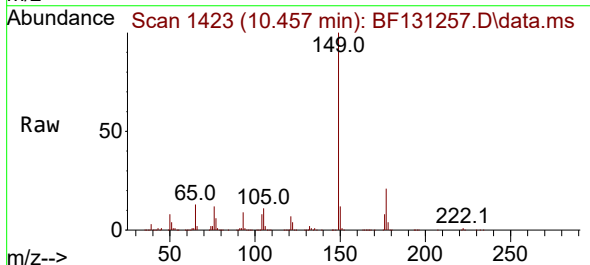
Manual Integrations
APPROVED

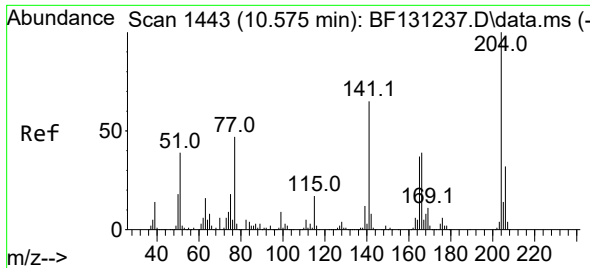
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#60
Diethylphthalate
Concen: 40.915 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

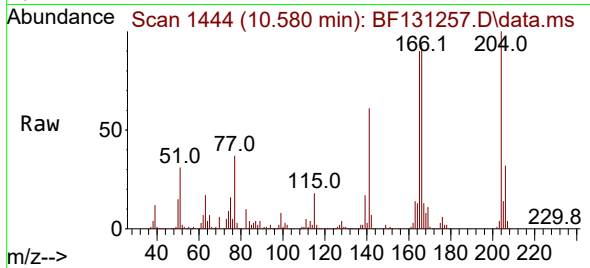
Tgt Ion:149 Resp: 576206
Ion Ratio Lower Upper
149 100
177 21.5 17.9 26.9
150 12.4 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 41.120 ng
RT: 10.580 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

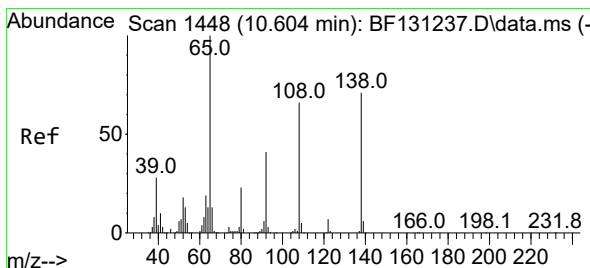
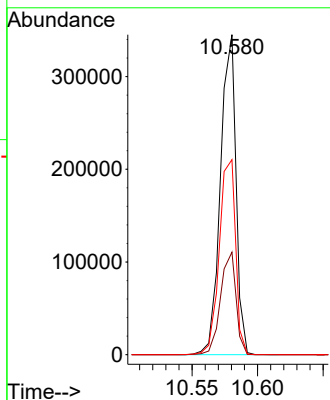
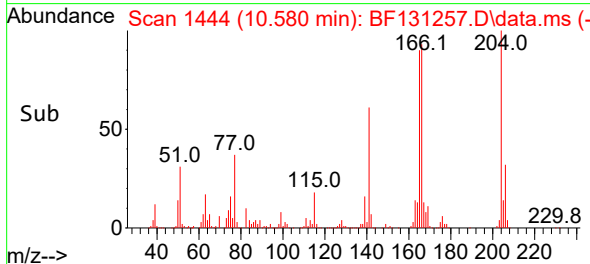
Instrument :
BNA_F
ClientSampleId :
PB148855BS



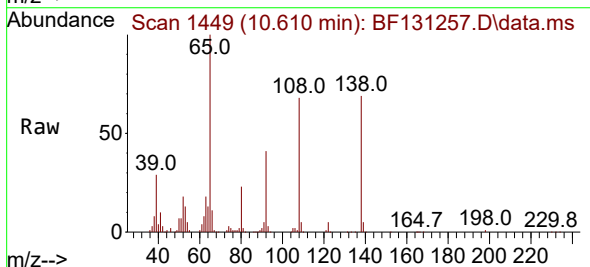
Tgt Ion:204 Resp: 283104
Ion Ratio Lower Upper
204 100
206 32.1 25.8 38.8
141 60.9 52.1 78.1

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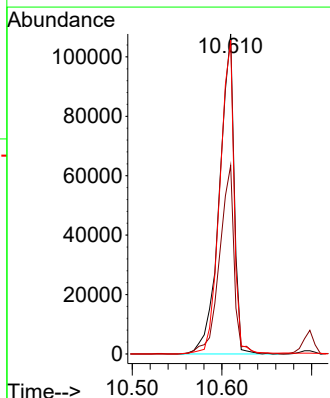
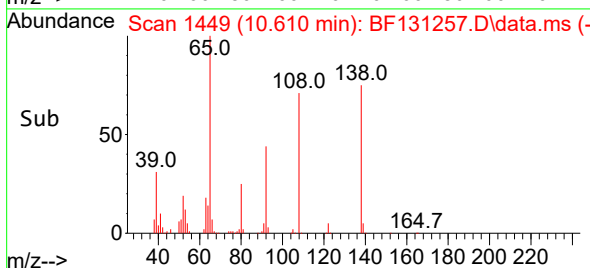
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

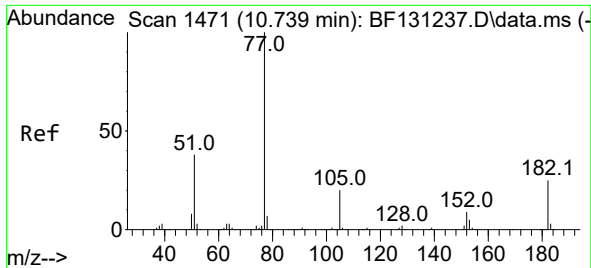


#62
4-Nitroaniline
Concen: 40.195 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51



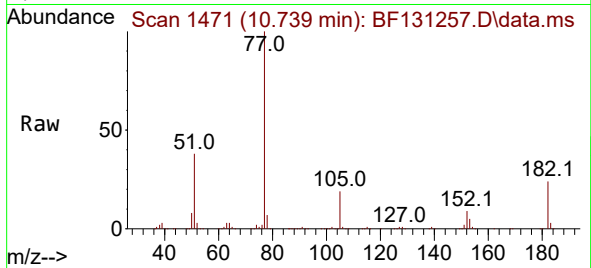
Tgt Ion:138 Resp: 122466
Ion Ratio Lower Upper
138 100
92 58.9 37.6 77.6
108 98.0 73.2 113.2





#63
Azobenzene
Concen: 40.503 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

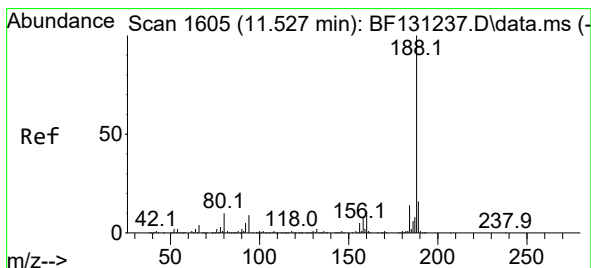
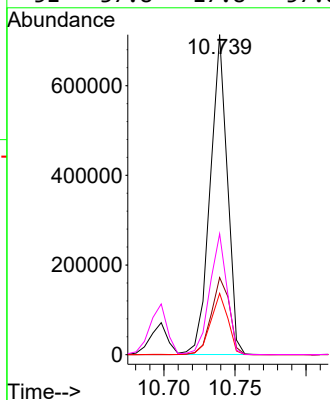
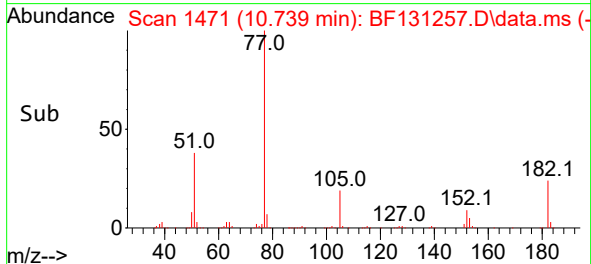
Instrument :
BNA_F
ClientSampleId :
PB148855BS



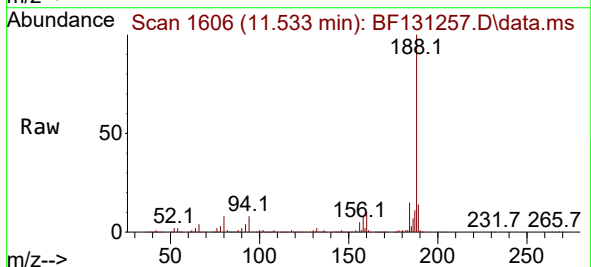
Tgt Ion: 77 Resp: 59719
Ion Ratio Lower Upper
77 100
182 24.1 5.0 45.0
105 19.2 0.1 40.1
51 37.8 17.8 57.8

Manual Integrations
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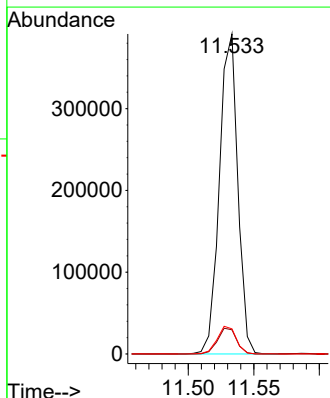
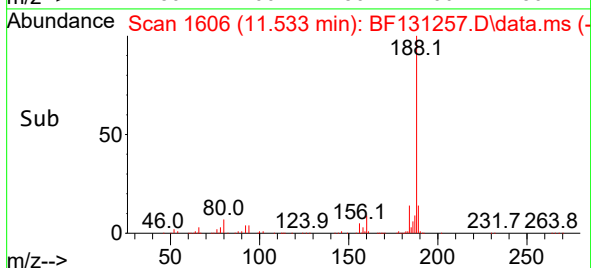
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

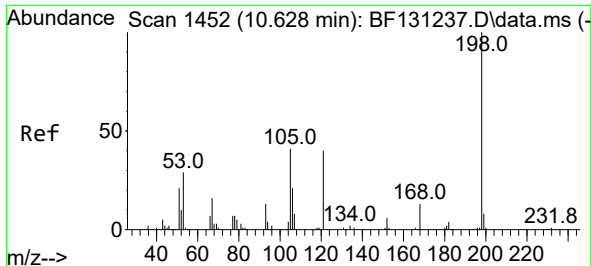


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.533 min Scan# 1606
Delta R.T. 0.006 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51



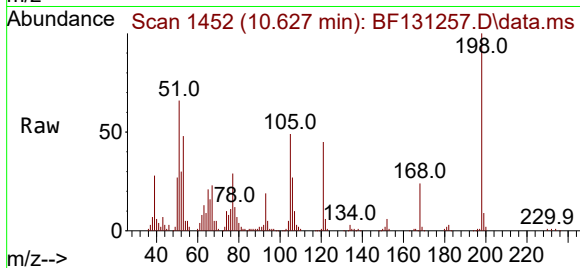
Tgt Ion:188 Resp: 379876
Ion Ratio Lower Upper
188 100
94 7.5 6.8 10.2
80 7.9 8.0 12.0#





#65
4,6-Dinitro-2-methylphenol
Concen: 41.764 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.001 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

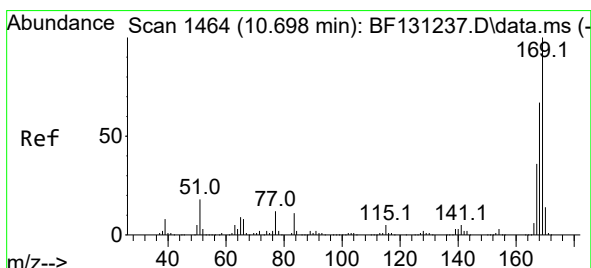
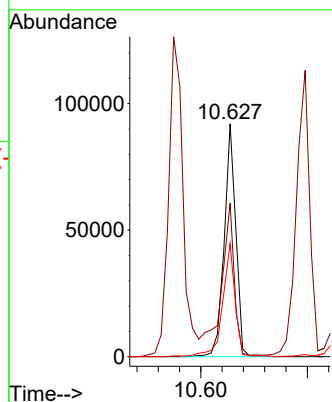
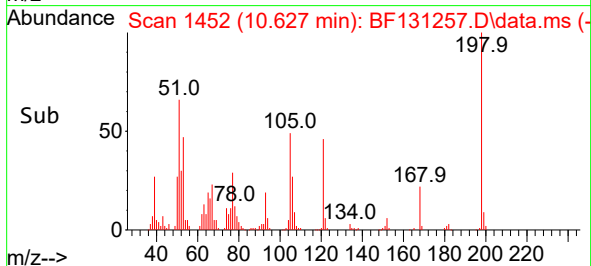
Instrument :
BNA_F
ClientSampleId :
PB148855BS



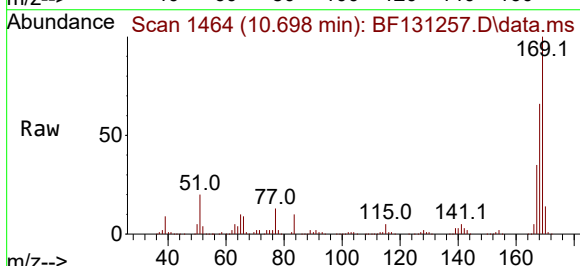
Tgt Ion:198 Resp: 69234
Ion Ratio Lower Upper
198 100
51 66.0 29.4 69.4
105 48.6 22.2 62.2

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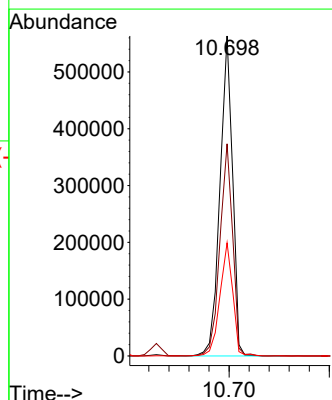
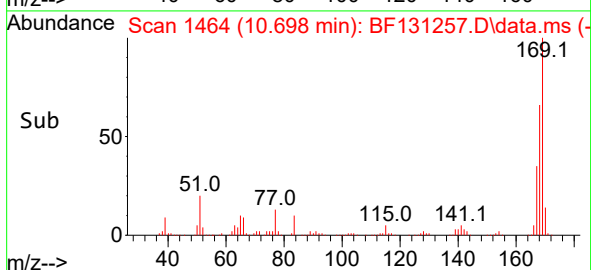
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

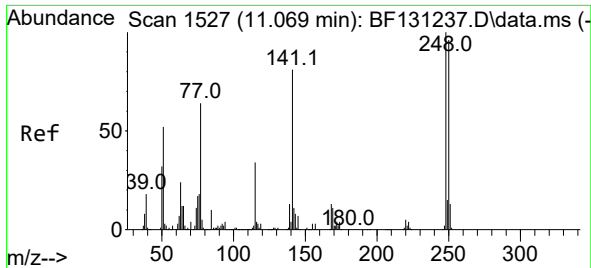


#66
n-Nitrosodiphenylamine
Concen: 40.561 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51



Tgt Ion:169 Resp: 489526
Ion Ratio Lower Upper
169 100
168 66.3 53.4 80.0
167 35.4 28.9 43.3





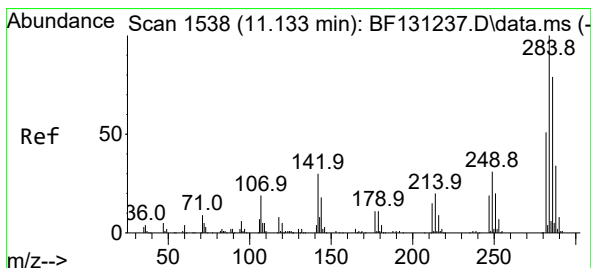
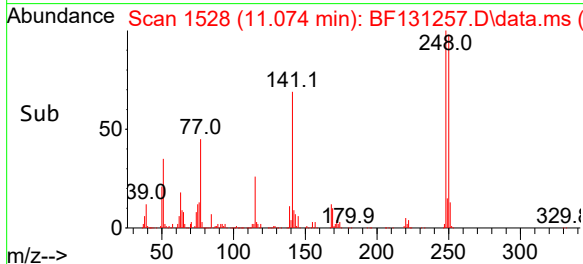
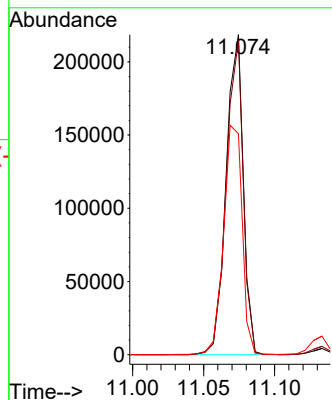
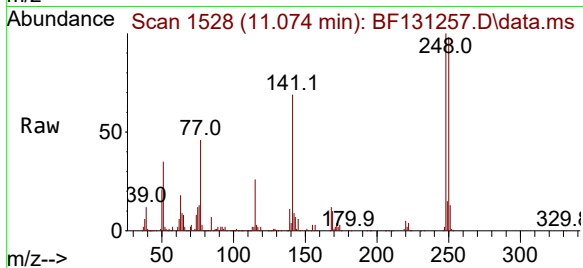
#67
4-Bromophenyl-phenylether
Concen: 41.194 ng
RT: 11.074 min Scan# 1527
Delta R.T. 0.006 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

Instrument :
BNA_F
ClientSampleId :
PB148855BS

Tgt Ion:248 Resp: 183730
Ion Ratio Lower Upper
248 100
250 98.3 76.6 114.8
141 69.0 64.7 97.1

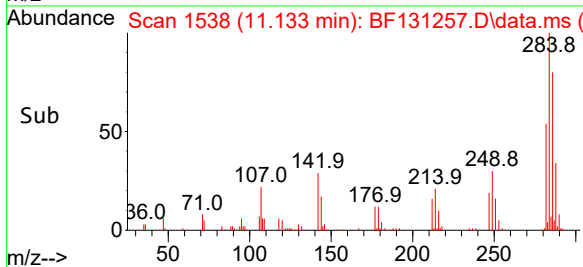
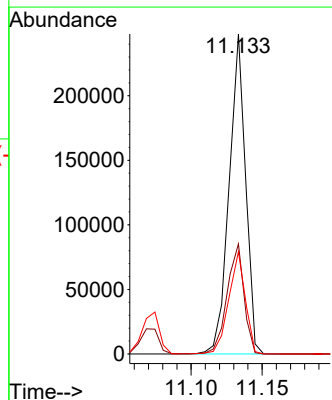
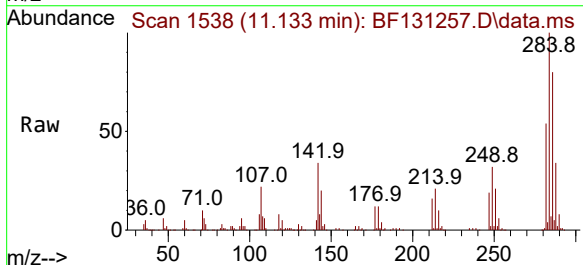
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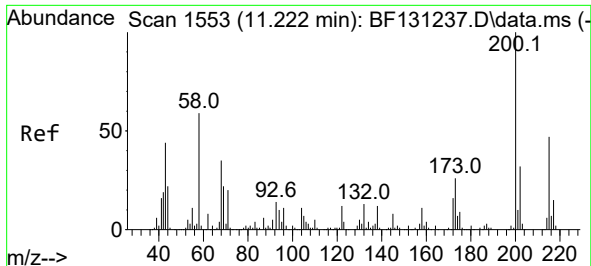
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#68
Hexachlorobenzene
Concen: 41.311 ng
RT: 11.133 min Scan# 1538
Delta R.T. -0.000 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

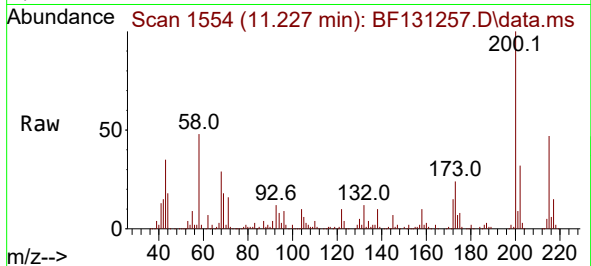
Tgt Ion:284 Resp: 199687
Ion Ratio Lower Upper
284 100
142 34.4 24.3 36.5
249 31.9 24.8 37.2





#69
 Atrazine
 Concen: 43.748 ng
 RT: 11.227 min Scan# 1553
 Delta R.T. 0.006 min
 Lab File: BF131257.D
 Acq: 16 Nov 2022 10:51

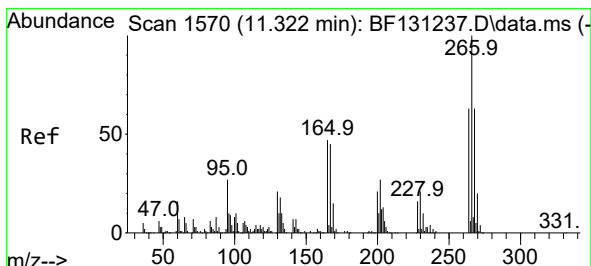
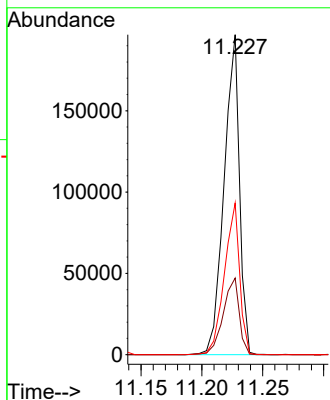
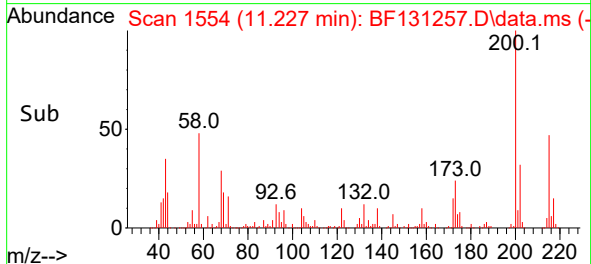
Instrument :
 BNA_F
 ClientSampleId :
 PB148855BS



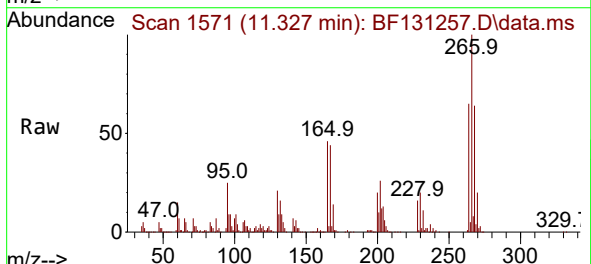
Tgt Ion:200 Resp: 173068
 Ion Ratio Lower Upper
 200 100
 173 23.9 6.4 46.4
 215 47.4 26.5 66.5

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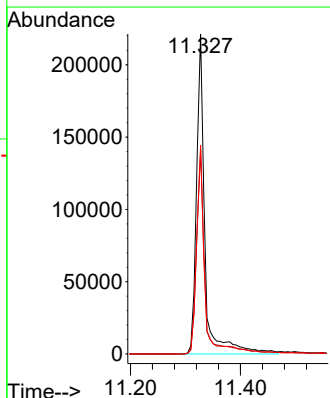
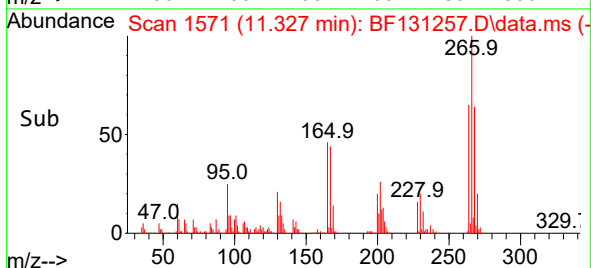
Reviewed By :Christian Giraldo 11/17/2022
 Supervised By :mohammad ahmed 11/17/2022

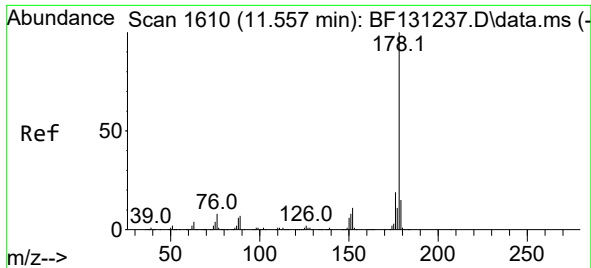


#70
 Pentachlorophenol
 Concen: 83.521 ng
 RT: 11.327 min Scan# 1571
 Delta R.T. 0.006 min
 Lab File: BF131257.D
 Acq: 16 Nov 2022 10:51



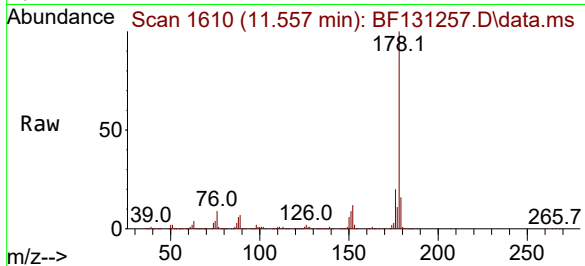
Tgt Ion:266 Resp: 235642
 Ion Ratio Lower Upper
 266 100
 268 63.7 50.5 75.7
 264 65.3 50.4 75.6





#71
Phenanthrene
Concen: 40.203 ng
RT: 11.557 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

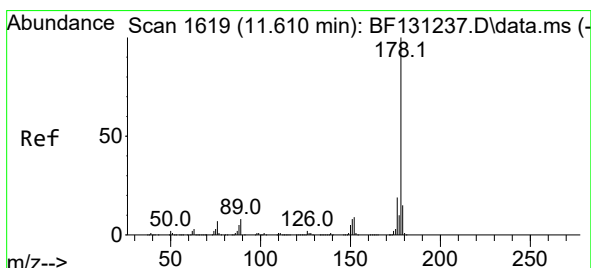
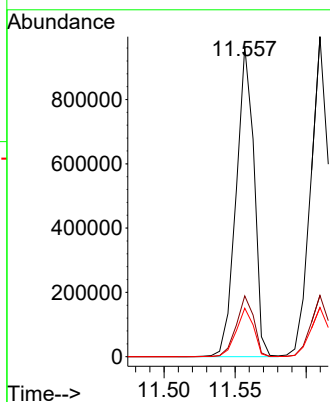
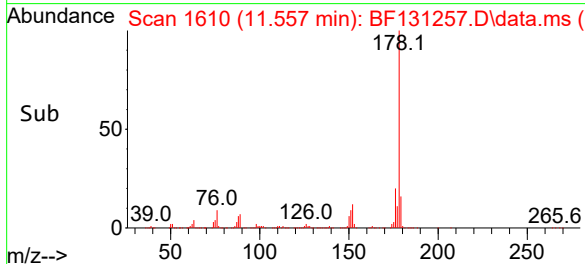
Instrument :
BNA_F
ClientSampleId :
PB148855BS



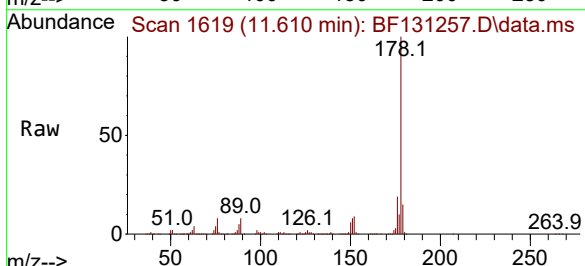
Tgt Ion:178 Resp: 84285
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 15.6 12.1 18.1

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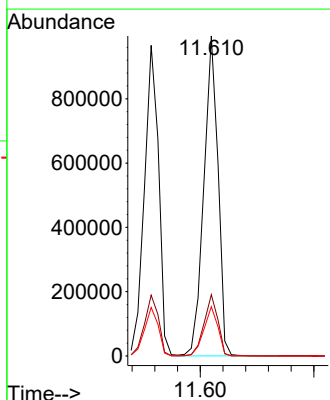
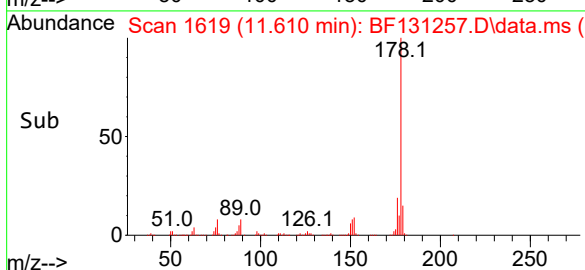
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

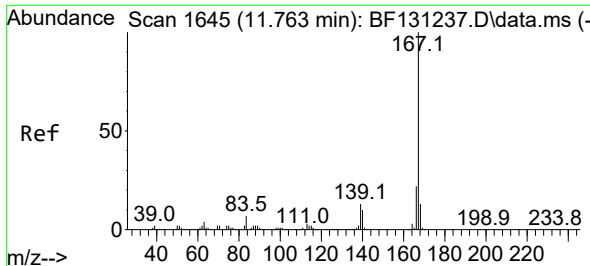


#72
Anthracene
Concen: 41.967 ng
RT: 11.610 min Scan# 1619
Delta R.T. -0.000 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51



Tgt Ion:178 Resp: 859478
Ion Ratio Lower Upper
178 100
176 19.2 15.2 22.8
179 15.4 12.2 18.2





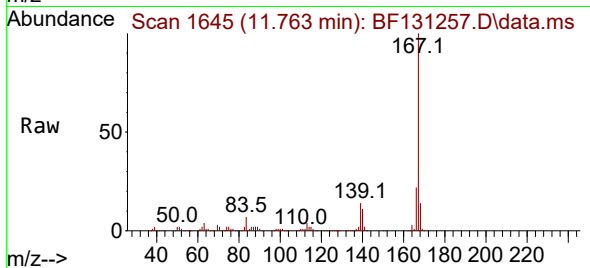
#73
 Carbazole
 Concen: 42.010 ng
 RT: 11.763 min Scan# 1645
 Delta R.T. -0.000 min
 Lab File: BF131257.D
 Acq: 16 Nov 2022 10:51

Instrument :

BNA_F

ClientSampleId :

PB148855BS

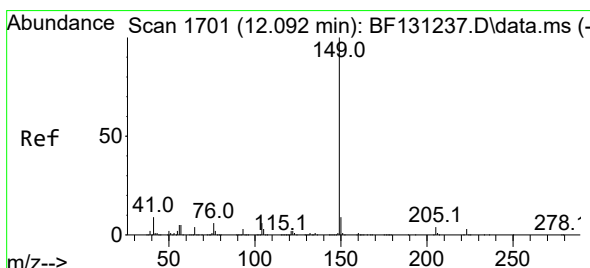
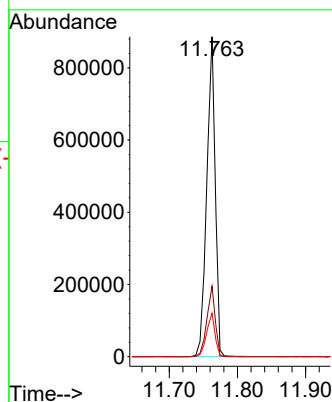
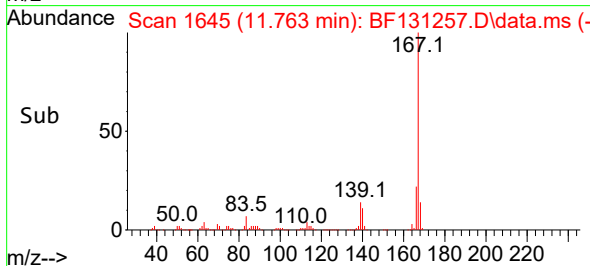


Tgt Ion:167 Resp: 770120
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.3 25.9
 139 13.6 10.3 15.5

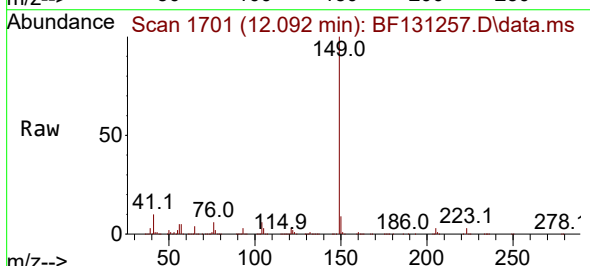
Manual Integrations

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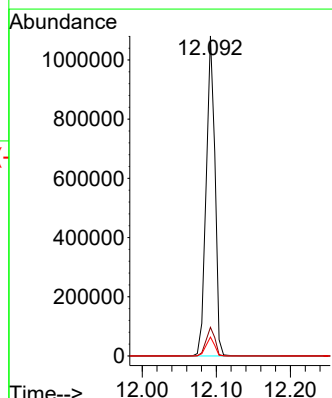
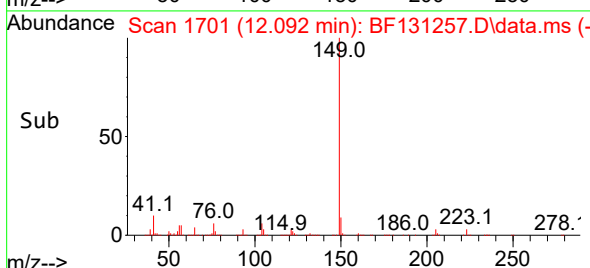
Reviewed By :Christian Giraldo 11/17/2022
 Supervised By :mohammad ahmed 11/17/2022

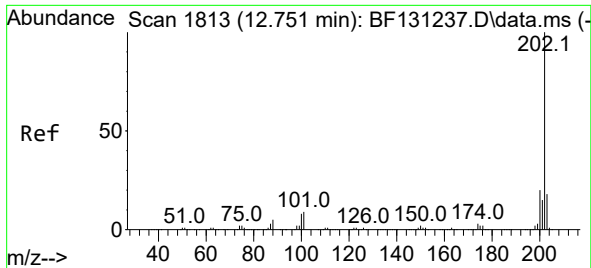


#74
 Di-n-butylphthalate
 Concen: 41.890 ng
 RT: 12.092 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: BF131257.D
 Acq: 16 Nov 2022 10:51



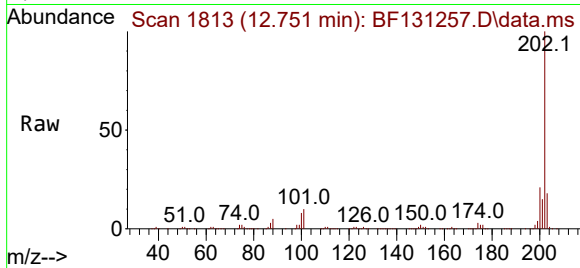
Tgt Ion:149 Resp: 893713
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.3 10.9
 104 5.9 4.5 6.7





#75
Fluoranthene
Concen: 41.348 ng
RT: 12.751 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

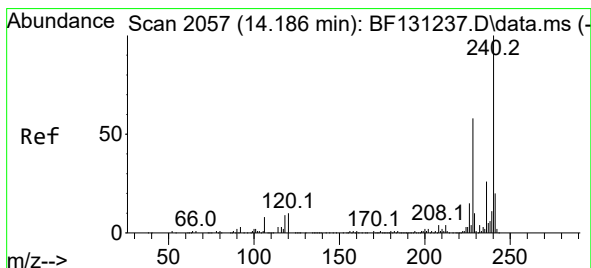
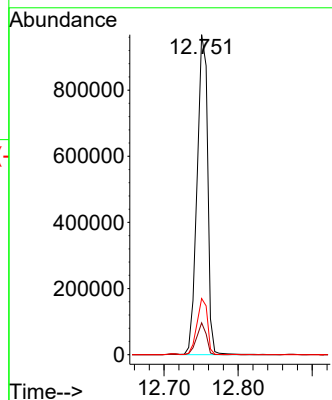
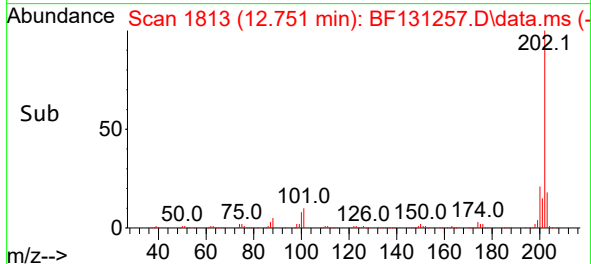
Instrument :
BNA_F
ClientSampleId :
PB148855BS



Tgt Ion:202 Resp: 956020
Ion Ratio Lower Upper
202 100
101 10.0 0.0 29.4
203 17.6 0.0 37.7

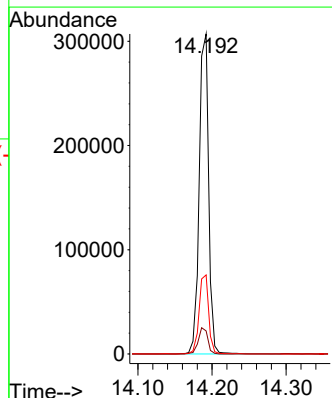
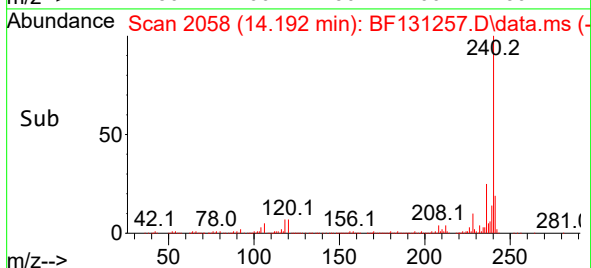
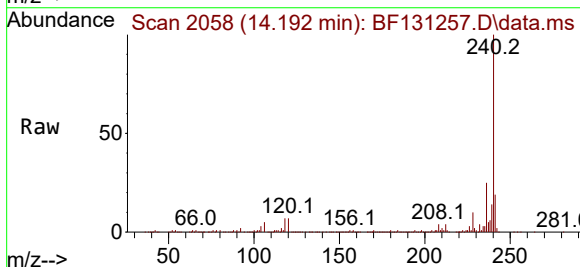
Manual Integrations
APPROVED

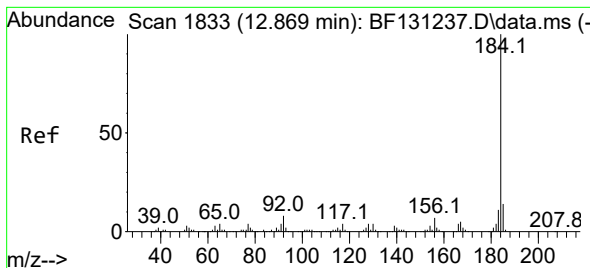
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.192 min Scan# 2058
Delta R.T. 0.006 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

Tgt Ion:240 Resp: 270671
Ion Ratio Lower Upper
240 100
120 7.2 7.8 11.6#
236 24.7 20.6 31.0





#77

Benzidine

Concen: 32.544 ng

RT: 12.874 min Scan# 1834

Delta R.T. 0.005 min

Lab File: BF131257.D

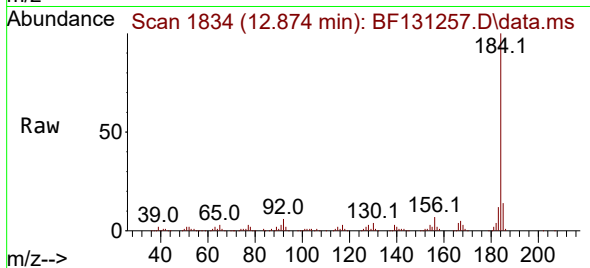
Acq: 16 Nov 2022 10:51

Instrument :

BNA_F

ClientSampleId :

PB148855BS



Tgt Ion:184 Resp: 188760

Ion Ratio Lower Upper

184 100

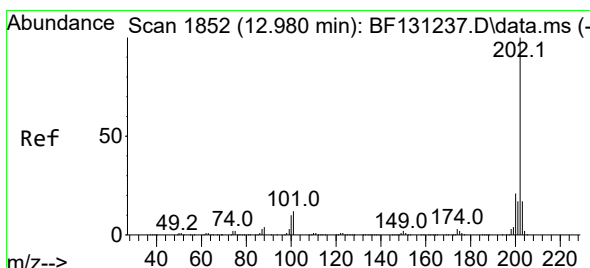
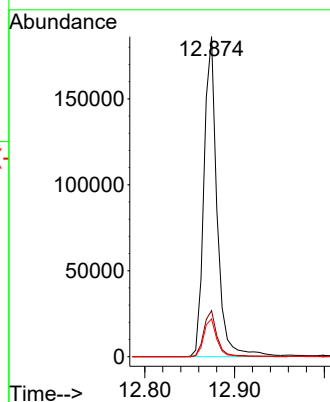
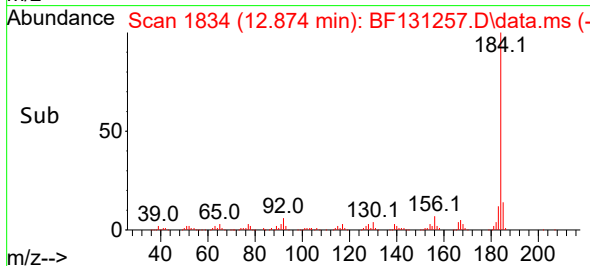
185 14.4 11.4 17.2

183 11.8 9.0 13.4

Manual Integrations

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Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#78

Pyrene

Concen: 41.615 ng

RT: 12.986 min Scan# 1853

Delta R.T. 0.006 min

Lab File: BF131257.D

Acq: 16 Nov 2022 10:51

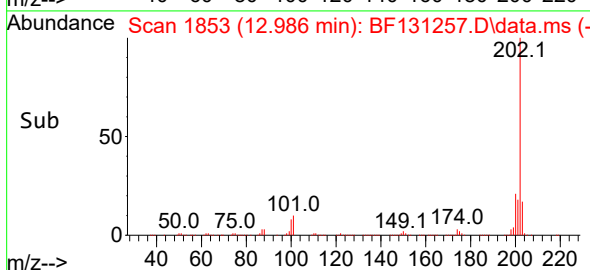
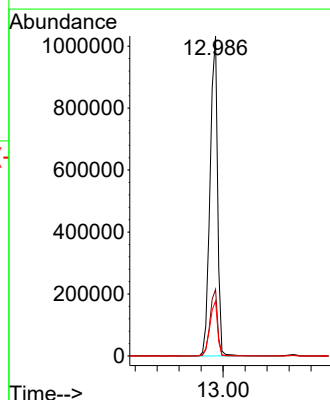
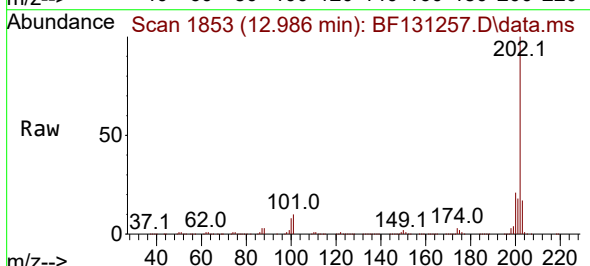
Tgt Ion:202 Resp: 970973

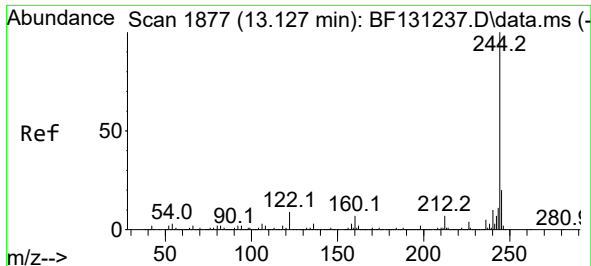
Ion Ratio Lower Upper

202 100

200 20.8 16.4 24.6

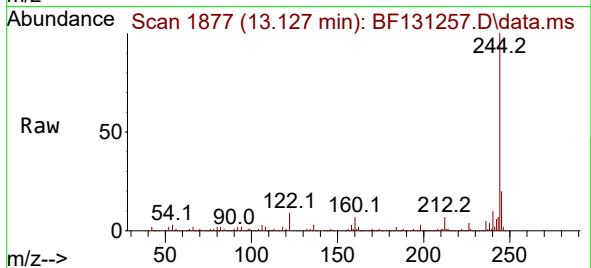
203 17.2 14.0 21.0





#79
Terphenyl-d14
Concen: 90.535 ng
RT: 13.127 min Scan# 1877
Delta R.T. 0.000 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

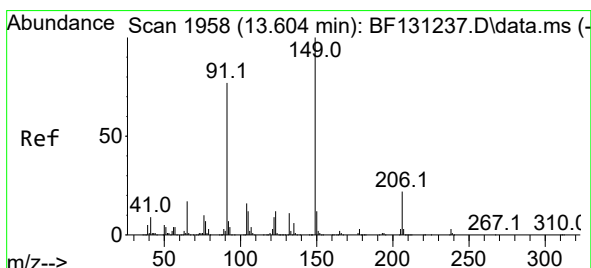
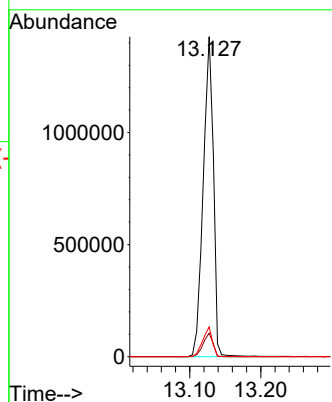
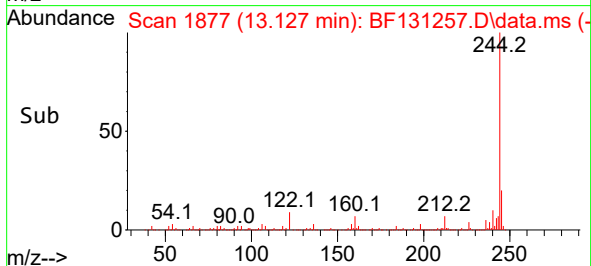
Instrument :
BNA_F
ClientSampleId :
PB148855BS



Tgt Ion:244 Resp: 1426989
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 9.3 7.4 11.2

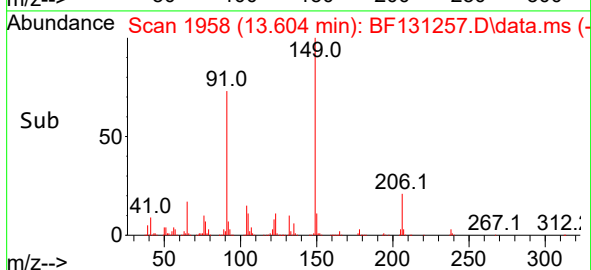
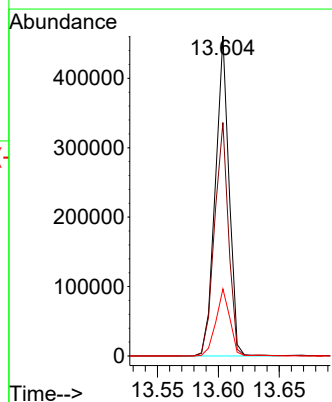
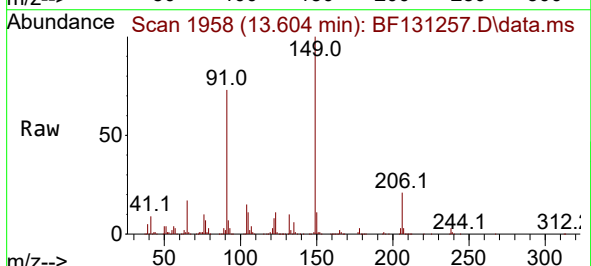
Manual Integrations
APPROVED

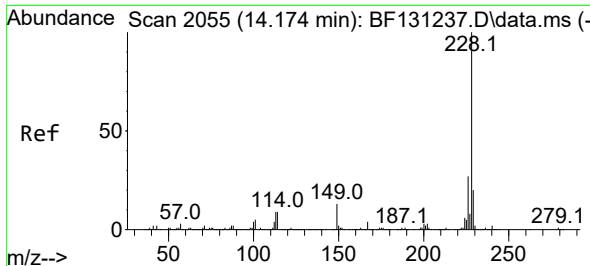
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#80
Butylbenzylphthalate
Concen: 45.699 ng
RT: 13.604 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

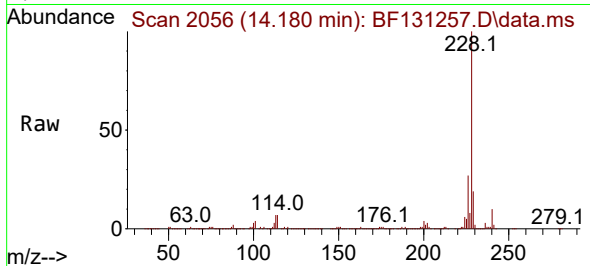
Tgt Ion:149 Resp: 361360
Ion Ratio Lower Upper
149 100
91 72.9 61.5 92.3
206 20.9 17.4 26.2





#81
Benzo(a)anthracene
Concen: 40.141 ng
RT: 14.180 min Scan# 2056
Delta R.T. 0.006 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

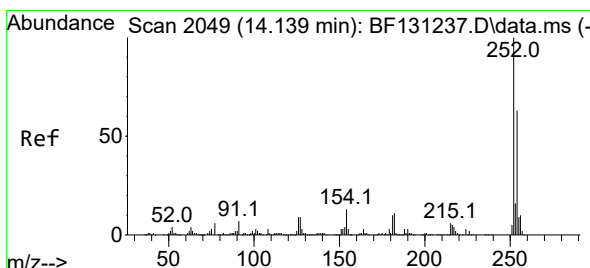
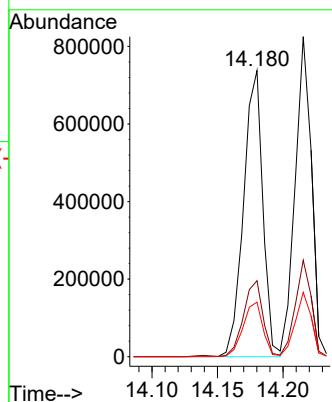
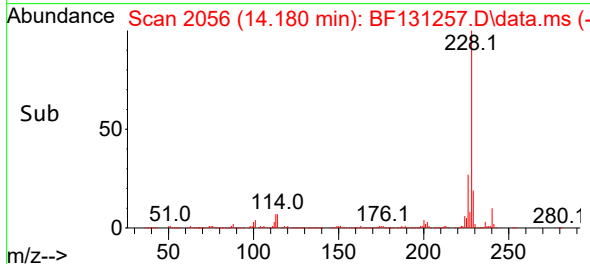
Instrument :
BNA_F
ClientSampleId :
PB148855BS



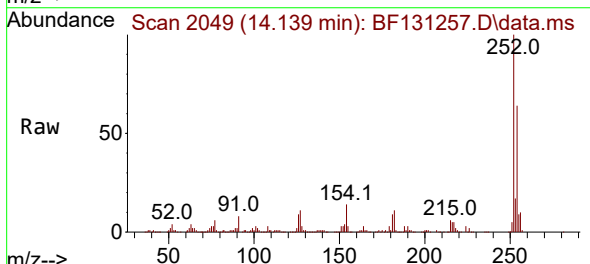
Tgt Ion:228 Resp: 755097
Ion Ratio Lower Upper
228 100
226 26.6 21.3 31.9
229 19.1 15.8 23.6

Manual Integrations
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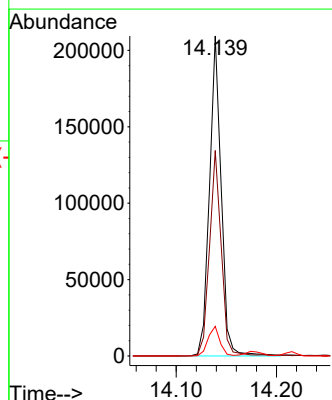
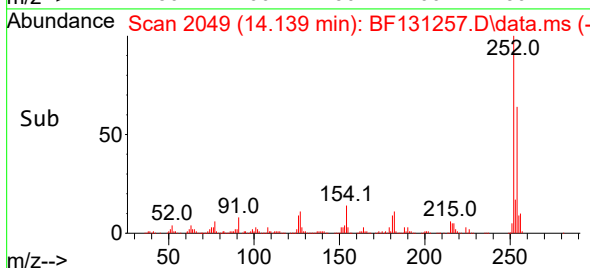
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

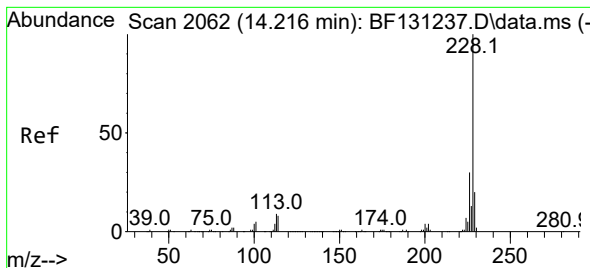


#82
3,3'-Dichlorobenzidine
Concen: 31.111 ng
RT: 14.139 min Scan# 2049
Delta R.T. -0.000 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51



Tgt Ion:252 Resp: 171246
Ion Ratio Lower Upper
252 100
254 64.2 50.2 75.4
126 9.2 7.4 11.2





#83

Chrysene

Concen: 38.888 ng

RT: 14.215 min Scan# 2062

Delta R.T. -0.000 min

Lab File: BF131257.D

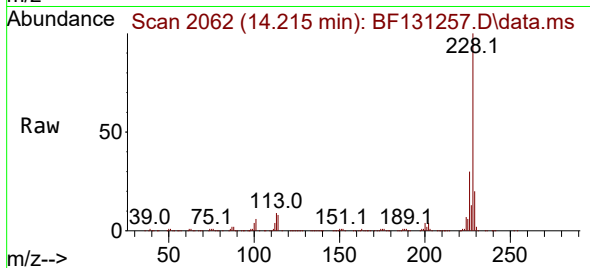
Acq: 16 Nov 2022 10:51

Instrument :

BNA_F

ClientSampleId :

PB148855BS



Tgt Ion:228 Resp: 71264

Ion Ratio Lower Upper

228 100

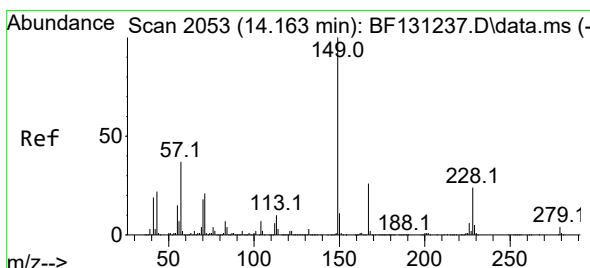
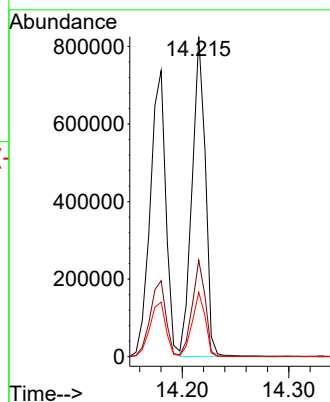
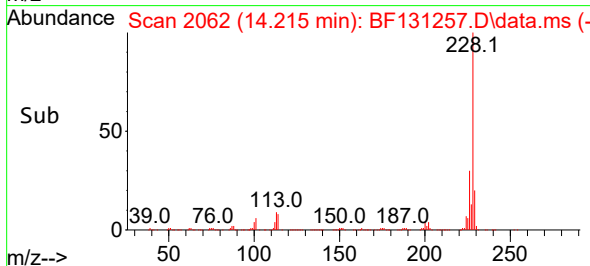
226 30.2 23.8 35.6

229 20.1 15.9 23.9

Manual Integrations

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Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.610 ng

RT: 14.163 min Scan# 2053

Delta R.T. -0.000 min

Lab File: BF131257.D

Acq: 16 Nov 2022 10:51

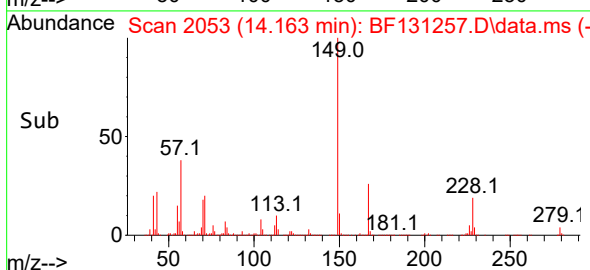
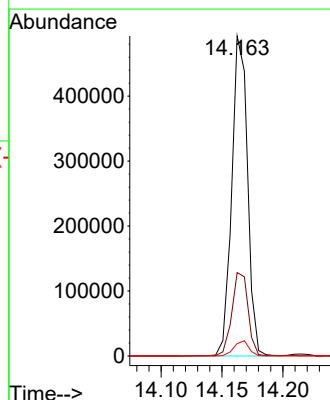
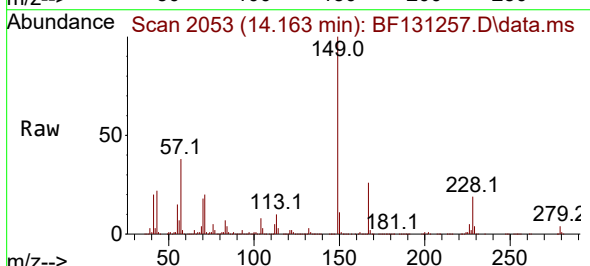
Tgt Ion:149 Resp: 443639

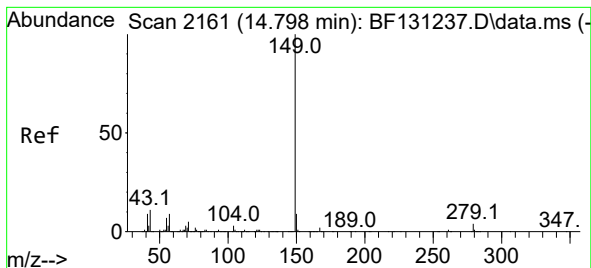
Ion Ratio Lower Upper

149 100

167 26.1 20.9 31.3

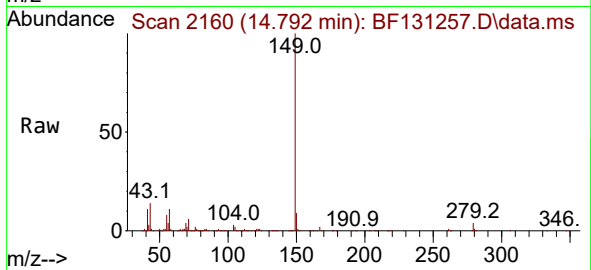
279 3.9 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 44.603 ng
RT: 14.792 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

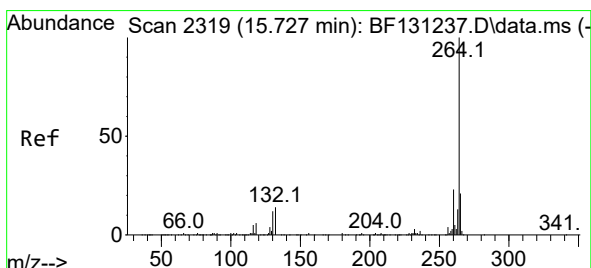
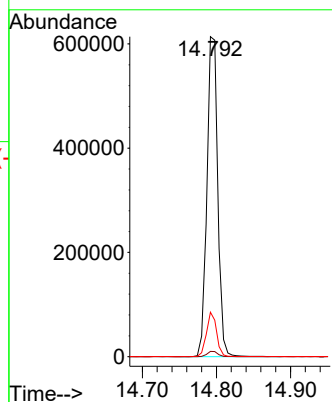
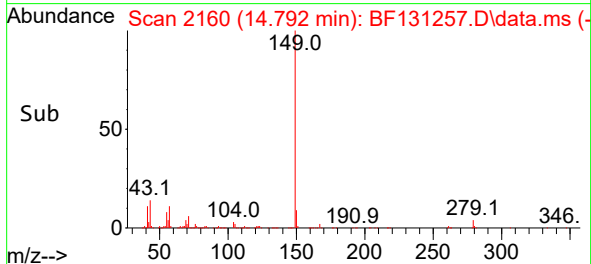
Instrument :
BNA_F
ClientSampleId :
PB148855BS



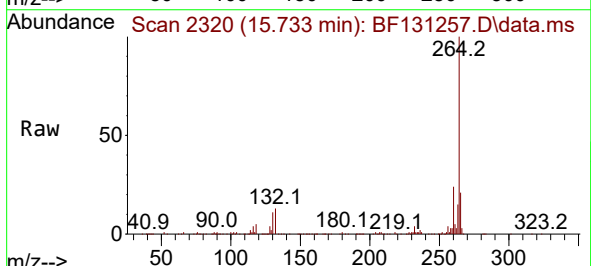
Tgt Ion:149 Resp: 626830
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 13.1 10.1 15.1

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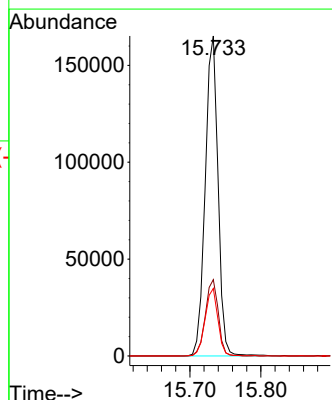
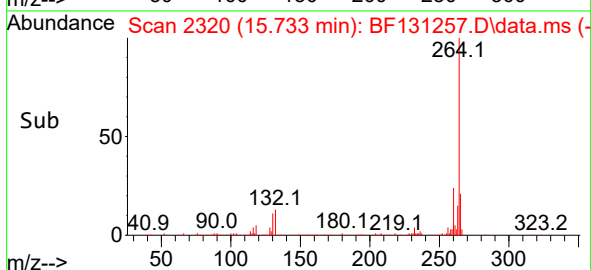
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

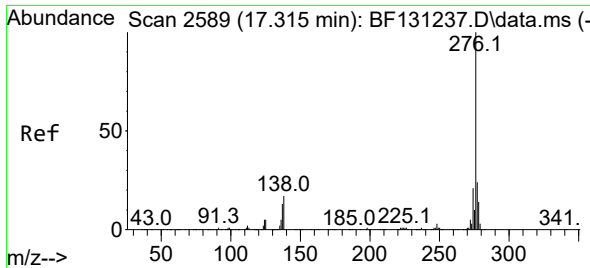


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.733 min Scan# 2320
Delta R.T. 0.006 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51



Tgt Ion:264 Resp: 207466
Ion Ratio Lower Upper
264 100
260 23.8 18.6 27.8
265 21.1 16.6 24.8





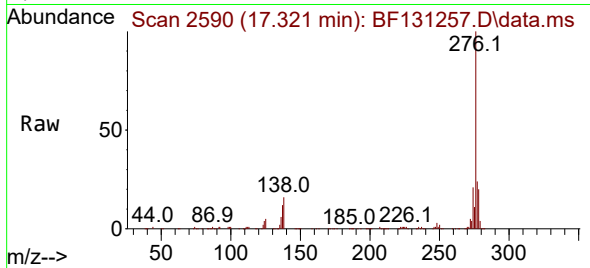
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.791 ng
RT: 17.321 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

Instrument :

BNA_F

ClientSampleId :

PB148855BS

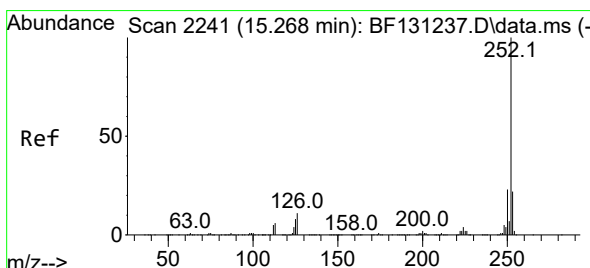
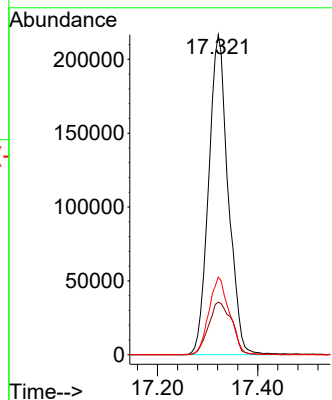
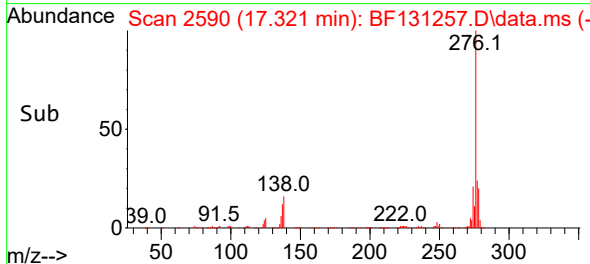


Tgt Ion:276 Resp: 586489
Ion Ratio Lower Upper
276 100
138 19.7 16.6 24.8
277 25.5 20.2 30.2

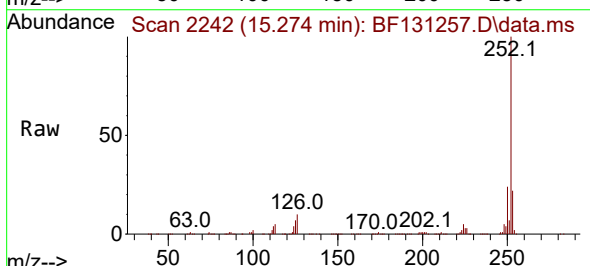
Manual Integrations

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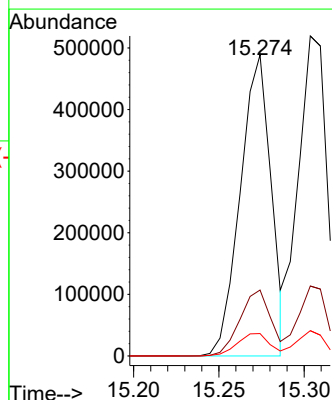
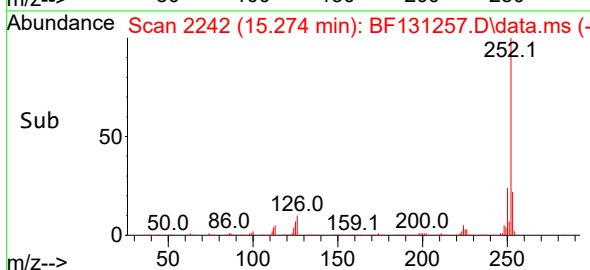
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

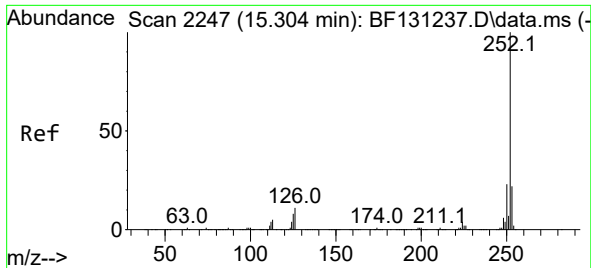


#88
Benzo(b)fluoranthene
Concen: 42.431 ng
RT: 15.274 min Scan# 2242
Delta R.T. 0.006 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51



Tgt Ion:252 Resp: 614618
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 7.5 6.6 9.8





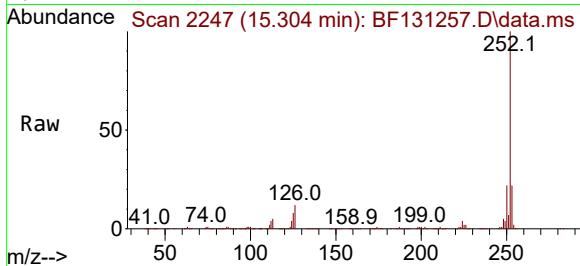
#89
Benzo(k)fluoranthene
Concen: 42.566 ng
RT: 15.304 min Scan# 211
Delta R.T. -0.000 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

Instrument :

BNA_F

ClientSampleId :

PB148855BS

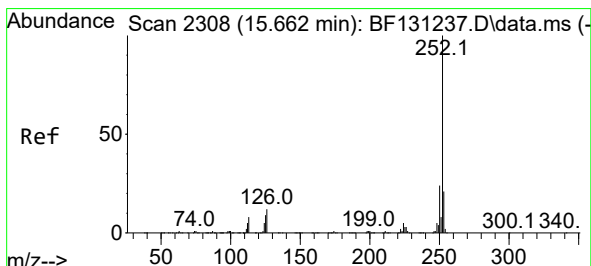
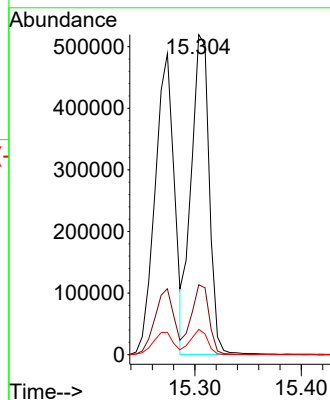
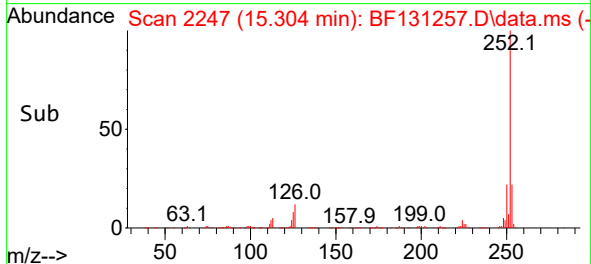


Tgt Ion:252 Resp: 611234
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 7.9 6.6 9.8

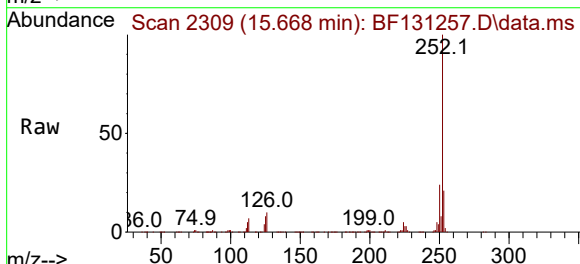
Manual Integrations

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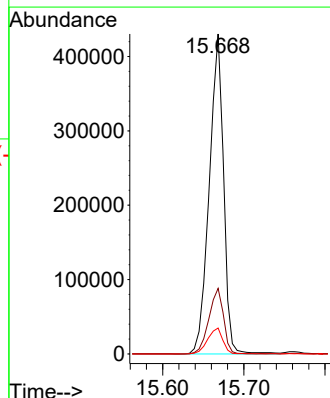
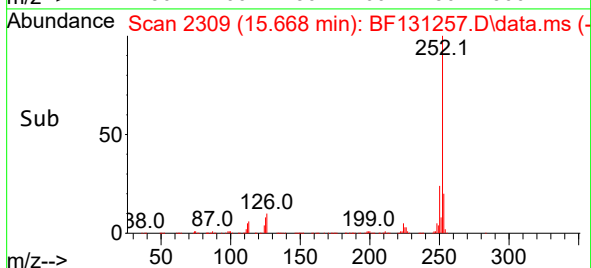
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

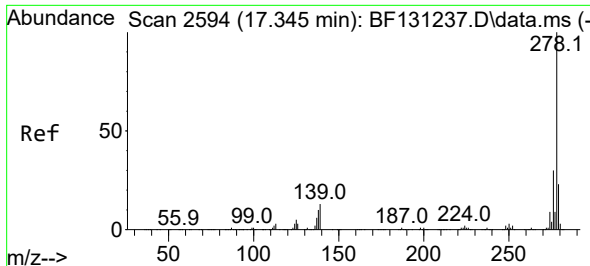


#90
Benzo(a)pyrene
Concen: 45.452 ng
RT: 15.668 min Scan# 2309
Delta R.T. 0.006 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51



Tgt Ion:252 Resp: 526287
Ion Ratio Lower Upper
252 100
253 20.5 16.9 25.3
125 8.1 7.0 10.4





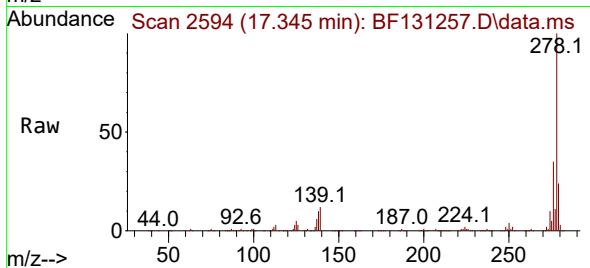
#91
Dibenzo(a,h)anthracene
Concen: 44.224 ng
RT: 17.345 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51

Instrument :

BNA_F

ClientSampleId :

PB148855BS

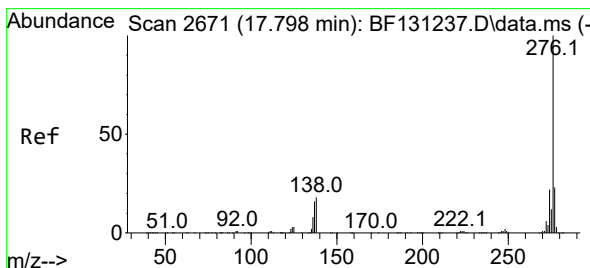
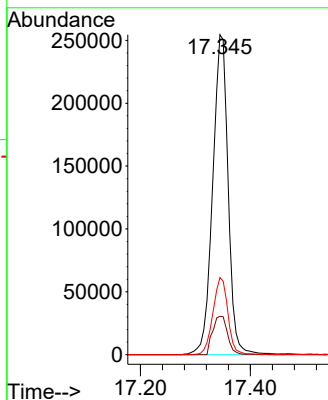
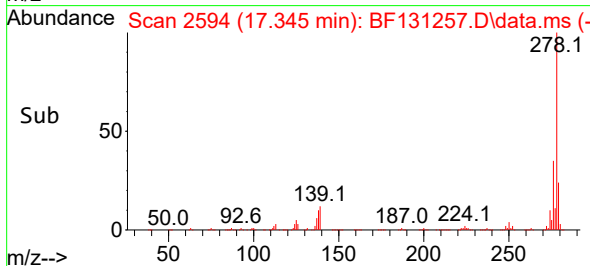


Tgt Ion:278 Resp: 497280
Ion Ratio Lower Upper
278 100
139 12.0 10.1 15.1
279 24.1 18.2 27.4

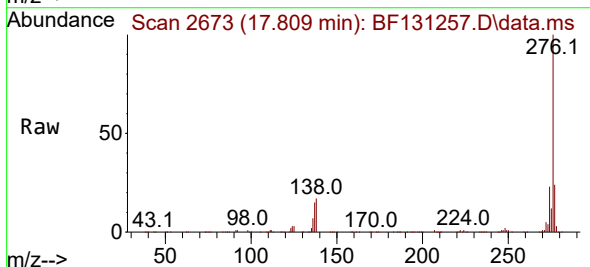
Manual Integrations

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Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#92
Benzo(g,h,i)perylene
Concen: 38.944 ng
RT: 17.809 min Scan# 2673
Delta R.T. 0.011 min
Lab File: BF131257.D
Acq: 16 Nov 2022 10:51



Tgt Ion:276 Resp: 480924
Ion Ratio Lower Upper
276 100
277 23.8 18.6 27.8
138 17.0 14.5 21.7

