

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111622\
 Data File : BF131256.D
 Acq On : 16 Nov 2022 10:19
 Operator : CG\JU
 Sample : PB148852BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB148852BS

Manual Integrations

APPROVED

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

Quant Time: Nov 16 22:10:56 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	100567	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	364012	20.000	ng	0.00
39) Acenaphthene-d10	10.033	164	209411	20.000	ng	0.00
64) Phenanthrene-d10	11.533	188	380314	20.000	ng	0.00
76) Chrysene-d12	14.192	240	266320	20.000	ng	# 0.00
86) Perylene-d12	15.733	264	208518	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	759918	133.804	ng	0.02
7) Phenol-d6	6.592	99	952577	132.426	ng	0.00
23) Nitrobenzene-d5	7.545	82	611487	94.290	ng	0.00
42) 2,4,6-Tribromophenol	10.833	330	270900	135.429	ng	0.00
45) 2-Fluorobiphenyl	9.351	172	1140644	79.710	ng	0.00
79) Terphenyl-d14	13.127	244	1419106	91.506	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.893	88	95435	36.678	ng	97
3) Pyridine	3.634	79	258207	35.109	ng	98
4) n-Nitrosodimethylamine	3.610	42	189017	44.094	ng	97
6) Aniline	6.639	93	247514m	27.432	ng	
8) 2-Chlorophenol	6.757	128	281918	44.159	ng	97
9) Benzaldehyde	6.522	77	51486	9.867	ng	97
10) Phenol	6.610	94	340126	42.267	ng	99
11) bis(2-Chloroethyl)ether	6.710	93	266361	42.275	ng	99
12) 1,3-Dichlorobenzene	6.916	146	295196	40.871	ng	99
13) 1,4-Dichlorobenzene	6.992	146	303097	41.495	ng	99
14) 1,2-Dichlorobenzene	7.145	146	289355	42.860	ng	99
15) Benzyl Alcohol	7.116	79	218197m	34.921	ng	
16) 2,2'-oxybis(1-Chloropr...	7.251	45	505971	42.634	ng	100
17) 2-Methylphenol	7.222	107	233035	42.756	ng	98
18) Hexachloroethane	7.492	117	112552	42.385	ng	98
19) n-Nitroso-di-n-propyla...	7.392	70	207342	41.366	ng	99
20) 3+4-Methylphenols	7.375	107	289803	41.107	ng	# 90
22) Acetophenone	7.386	105	405918	42.779	ng	98
24) Nitrobenzene	7.563	77	314595	44.936	ng	97
25) Isophorone	7.804	82	572883	44.218	ng	99
26) 2-Nitrophenol	7.881	139	124081	44.573	ng	99
27) 2,4-Dimethylphenol	7.910	122	267979	50.533	ng	99
28) bis(2-Chloroethoxy)met...	8.010	93	327664	44.857	ng	100
29) 2,4-Dichlorophenol	8.116	162	240116	41.869	ng	99
30) 1,2,4-Trichlorobenzene	8.204	180	272753	40.565	ng	99
31) Naphthalene	8.292	128	784718	39.790	ng	99
32) Benzoic acid	8.028	122	160149m	42.602	ng	
33) 4-Chloroaniline	8.333	127	103544	13.337	ng	95
34) Hexachlorobutadiene	8.404	225	175478	41.234	ng	97
35) Caprolactam	8.710	113	75809m	44.731	ng	
36) 4-Chloro-3-methylphenol	8.816	107	266039	44.071	ng	95
37) 2-Methylnaphthalene	8.986	142	529596	40.321	ng	99
38) 1-Methylnaphthalene	9.086	142	498265	39.122	ng	100
40) 1,2,4,5-Tetrachloroben...	9.151	216	273331	40.538	ng	99
41) Hexachlorocyclopentadiene	9.133	237	345650	100.020	ng	97
43) 2,4,6-Trichlorophenol	9.263	196	163608	37.115	ng	100

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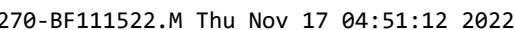
Quant Time: Nov 16 22:10:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 06:35:36 2022
 Response via : Initial Calibration

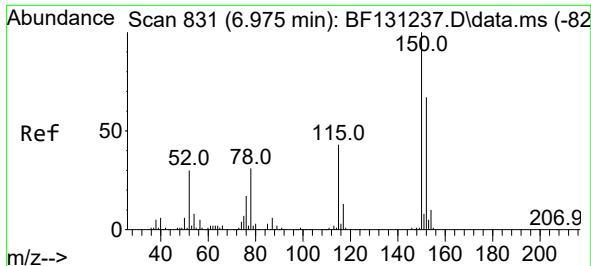
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.298	196	202226	42.750	ng	98
46) 1,1'-Biphenyl	9.451	154	661065	41.064	ng	100
47) 2-Chloronaphthalene	9.480	162	518486	39.758	ng	96
48) 2-Nitroaniline	9.575	65	183942	44.297	ng	95
49) Acenaphthylene	9.898	152	802484	40.297	ng	99
50) Dimethylphthalate	9.757	163	608059	40.550	ng	100
51) 2,6-Dinitrotoluene	9.816	165	129535	44.283	ng	89
52) Acenaphthene	10.069	154	547860	44.074	ng	99
53) 3-Nitroaniline	9.986	138	75528	25.408	ng	99
54) 2,4-Dinitrophenol	10.092	184	108485	81.027	ng	92
55) Dibenzofuran	10.245	168	712544	40.009	ng	98
56) 4-Nitrophenol	10.139	139	190129	80.584	ng	94
57) 2,4-Dinitrotoluene	10.222	165	164354	45.271	ng	98
58) Fluorene	10.586	166	554047	39.534	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.357	232	167169	41.715	ng	99
60) Diethylphthalate	10.463	149	584044	41.204	ng	98
61) 4-Chlorophenyl-phenyle...	10.580	204	285818	41.246	ng	96
62) 4-Nitroaniline	10.610	138	124386	40.535	ng	95
63) Azobenzene	10.739	77	602532	40.600	ng	98
65) 4,6-Dinitro-2-methylph...	10.627	198	67484	40.873	ng	# 77
66) n-Nitrosodiphenylamine	10.698	169	493459	40.839	ng	99
67) 4-Bromophenyl-phenylether	11.074	248	188210	42.148	ng	93
68) Hexachlorobenzene	11.133	284	202236	41.790	ng	95
69) Atrazine	11.227	200	169966	42.915	ng	98
70) Pentachlorophenol	11.327	266	238910	84.582	ng	98
71) Phenanthrene	11.557	178	845787	40.297	ng	99
72) Anthracene	11.610	178	868346	42.351	ng	99
73) Carbazole	11.763	167	769082	41.905	ng	99
74) Di-n-butylphthalate	12.092	149	882950	41.338	ng	100
75) Fluoranthene	12.757	202	965626	41.715	ng	98
77) Benzidine	12.874	184	180258	31.585	ng	99
78) Pyrene	12.986	202	972039	42.341	ng	99
80) Butylbenzylphthalate	13.604	149	357296	45.923	ng	97
81) Benzo(a)anthracene	14.180	228	751585	40.607	ng	99
82) 3,3'-Dichlorobenzidine	14.139	252	171751	31.713	ng	99
83) Chrysene	14.221	228	728681	40.413	ng	99
84) Bis(2-ethylhexyl)phtha...	14.168	149	457662	46.772	ng	98
85) Di-n-octyl phthalate	14.798	149	664455	48.053	ng	99
87) Indeno(1,2,3-cd)pyrene	17.327	276	593799	43.106	ng	99
88) Benzo(b)fluoranthene	15.274	252	654273	44.941	ng	99
89) Benzo(k)fluoranthene	15.309	252	588490	40.776	ng	98
90) Benzo(a)pyrene	15.668	252	536214	46.076	ng	99
91) Dibenzo(a,h)anthracene	17.351	278	505908	44.763	ng	98
92) Benzo(g,h,i)perylene	17.809	276	483945	38.987	ng	98

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

Manual Integrations APPROVED

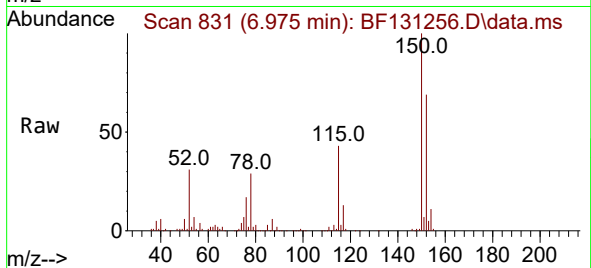
Quant Time: Nov 16 22:10:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 06:35:36 2022
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.975 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

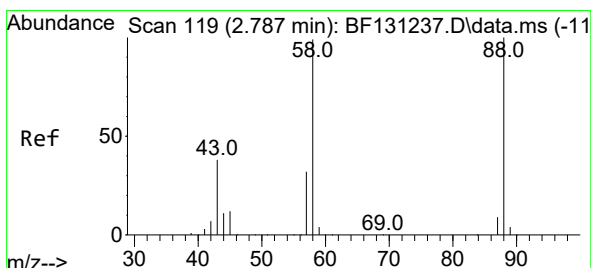
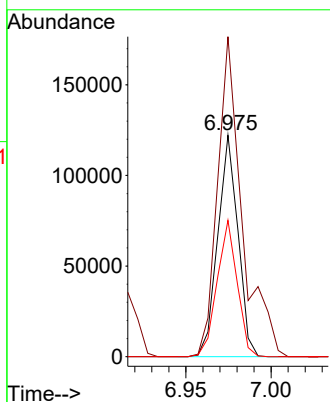
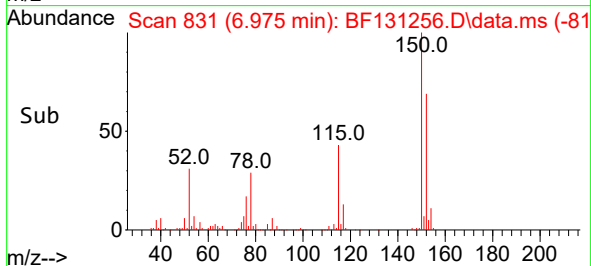
Instrument :
BNA_F
ClientSampleId :
PB148852BS



Tgt Ion:152 Resp: 10056
Ion Ratio Lower Upper
152 100
150 144.5 120.2 180.4
115 61.6 51.8 77.8

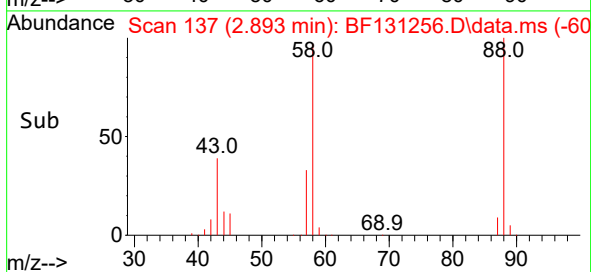
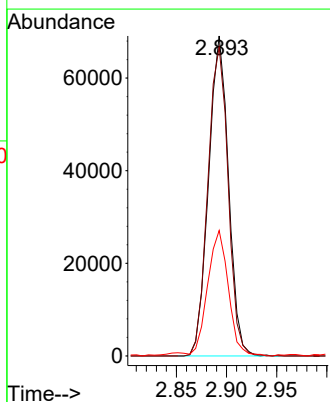
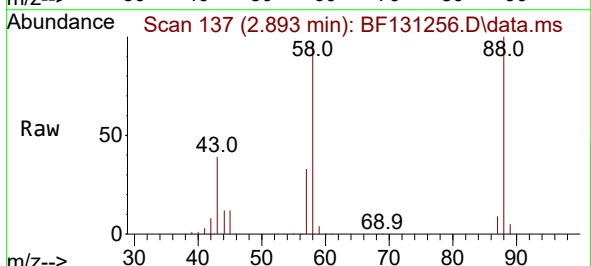
Manual Integrations
APPROVED

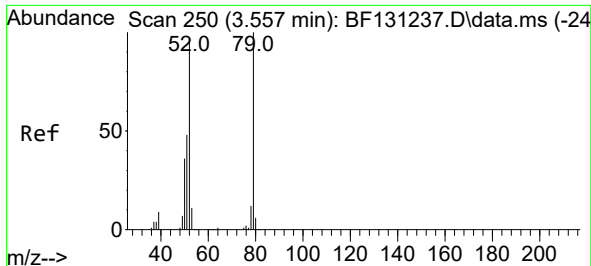
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#2
1,4-Dioxane
Concen: 36.678 ng
RT: 2.893 min Scan# 137
Delta R.T. 0.106 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

Tgt Ion: 88 Resp: 95435
Ion Ratio Lower Upper
88 100
58 98.3 77.1 115.7
43 41.8 31.3 46.9





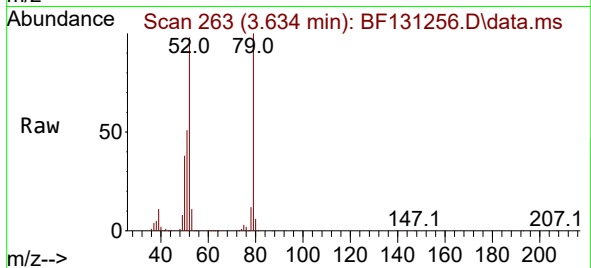
#3
Pyridine
Concen: 35.109 ng
RT: 3.634 min Scan# 20
Delta R.T. 0.076 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

Instrument :

BNA_F

ClientSampleId :

PB148852BS

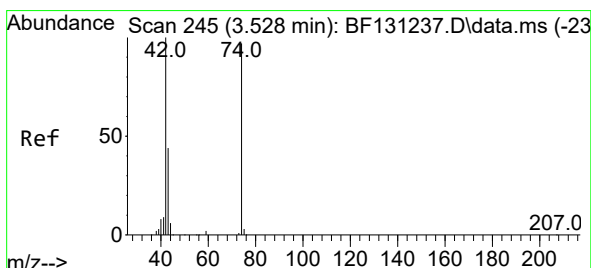
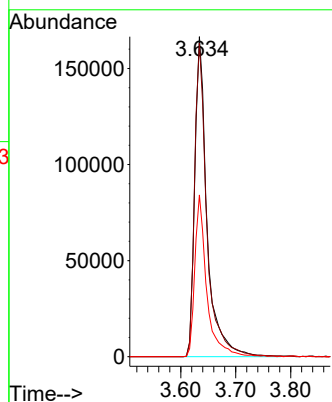
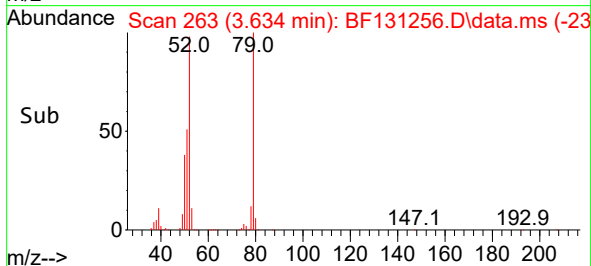


Tgt Ion: 79 Resp: 25820
Ion Ratio Lower Upper
79 100
52 98.0 77.7 116.5
51 50.6 38.7 58.1

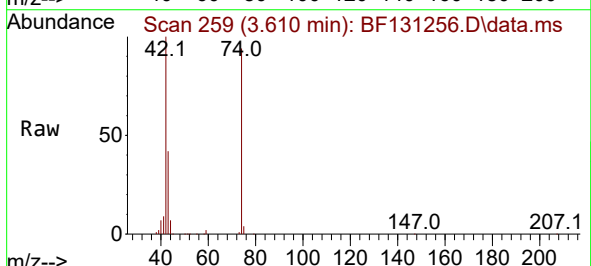
Manual Integrations

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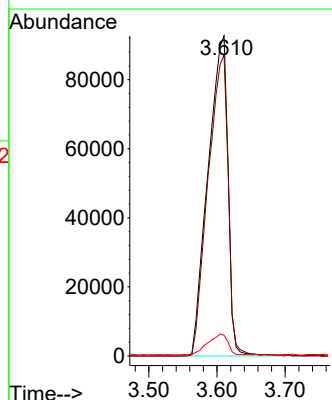
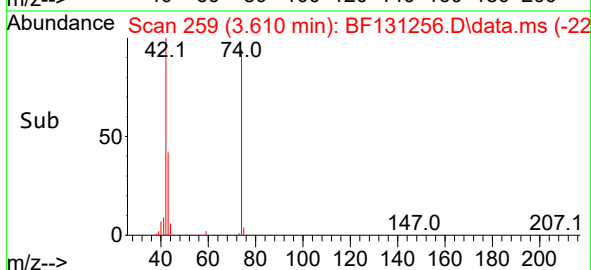
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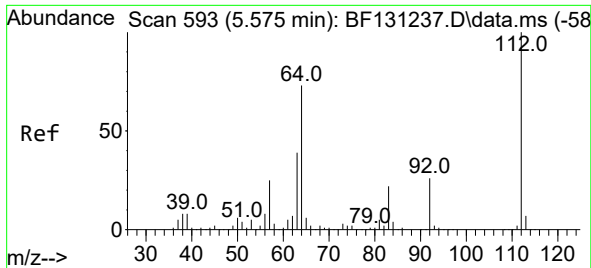


#4
n-Nitrosodimethylamine
Concen: 44.094 ng
RT: 3.610 min Scan# 259
Delta R.T. 0.082 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19



Tgt Ion: 42 Resp: 189017
Ion Ratio Lower Upper
42 100
74 94.2 77.8 116.6
44 6.5 5.9 8.9





#5
2-Fluorophenol
Concen: 133.804 ng
RT: 5.598 min Scan# 593
Delta R.T. 0.023 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

Instrument :

BNA_F

ClientSampleId :

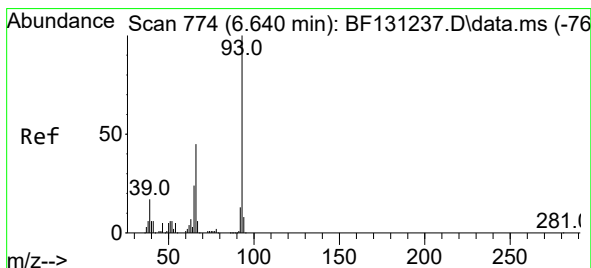
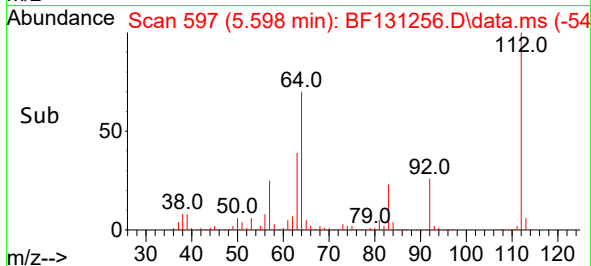
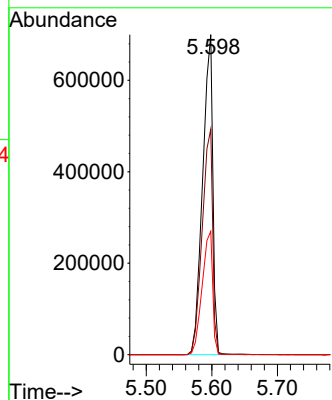
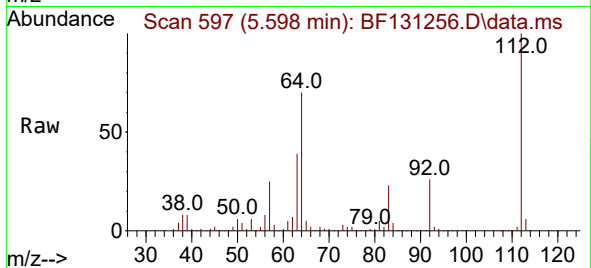
PB148852BS

Tgt Ion:112 Resp: 759918
Ion Ratio Lower Upper
112 100
64 70.5 58.4 87.6
63 38.6 31.6 47.4

Manual Integrations

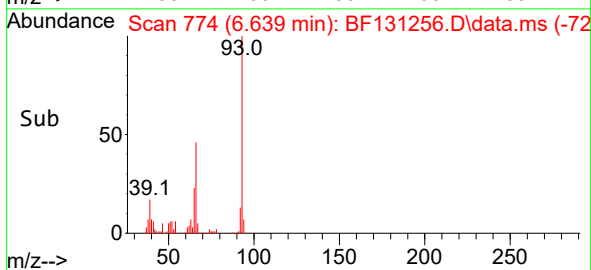
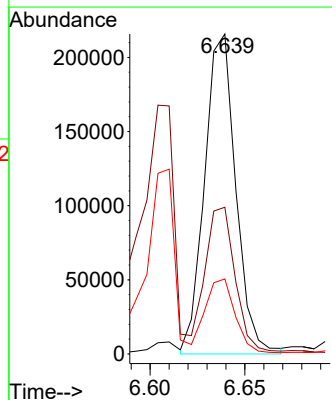
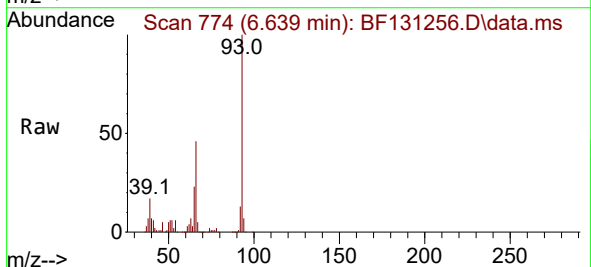
APPROVED

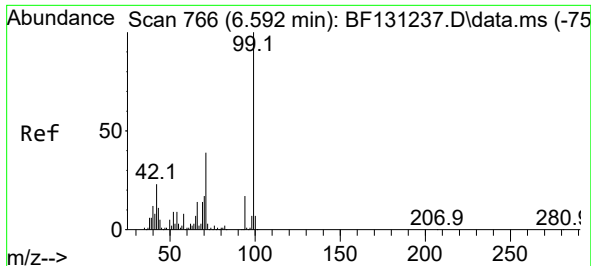
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#6
Aniline
Concen: 27.432 ng m
RT: 6.639 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

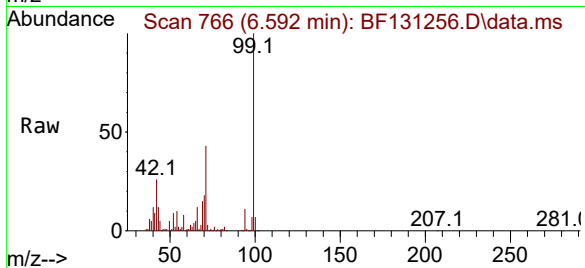
Tgt Ion: 93 Resp: 247514
Ion Ratio Lower Upper
93 100
66 45.8 36.6 55.0
65 23.5 19.3 28.9





#7
Phenol-d6
Concen: 132.426 ng
RT: 6.592 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

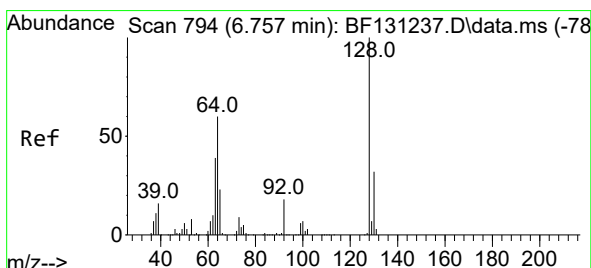
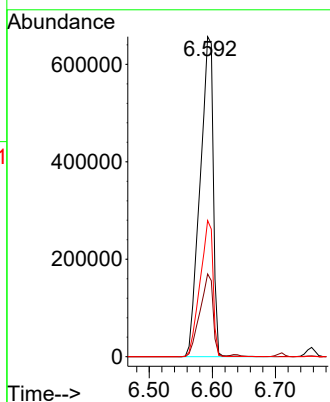
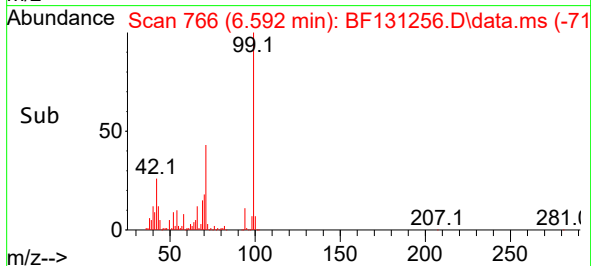
Instrument :
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Tgt Ion: 99 Resp: 95257
Ion Ratio Lower Upper
99 100
42 25.9 18.6 28.0
71 42.5 31.1 46.7

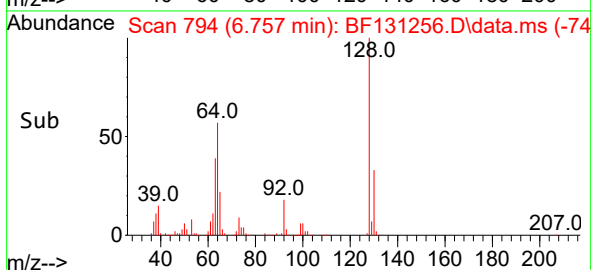
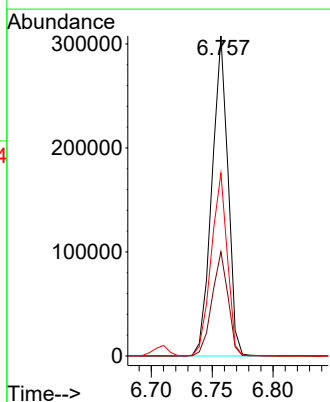
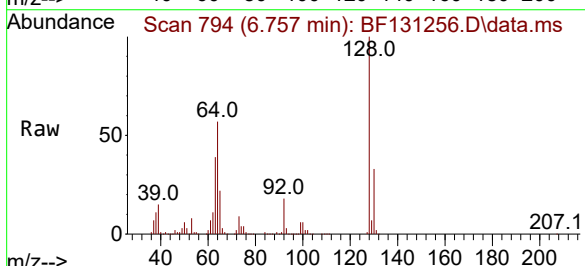
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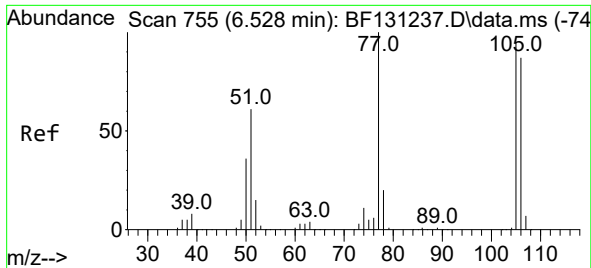
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#8
2-Chlorophenol
Concen: 44.159 ng
RT: 6.757 min Scan# 794
Delta R.T. -0.000 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

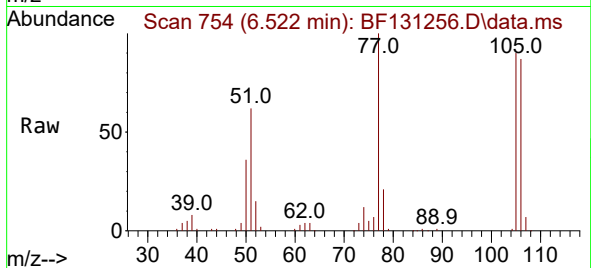
Tgt Ion:128 Resp: 281918
Ion Ratio Lower Upper
128 100
130 32.6 12.2 52.2
64 57.2 40.1 80.1





#9
Benzaldehyde
Concen: 9.867 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

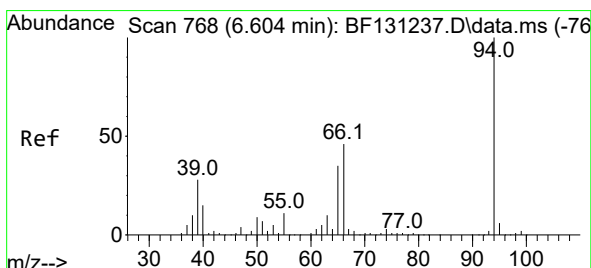
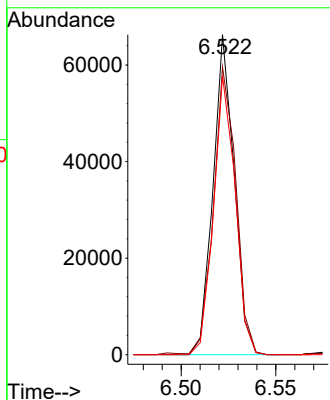
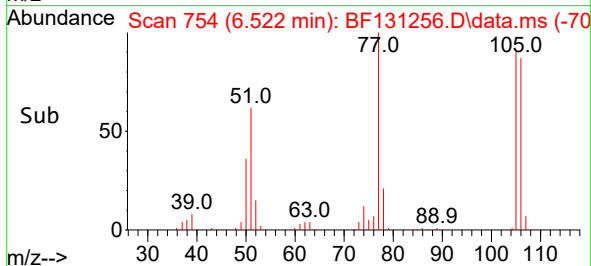
Instrument :
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Tgt Ion: 77 Resp: 51486
Ion Ratio Lower Upper
77 100
105 89.9 74.8 114.8
106 87.1 67.3 107.3

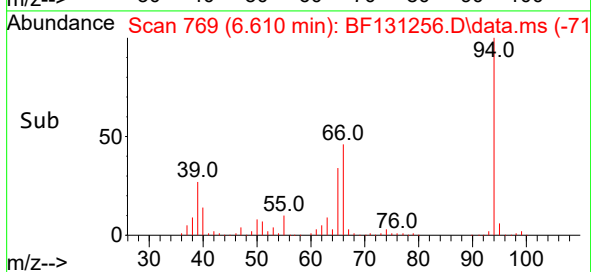
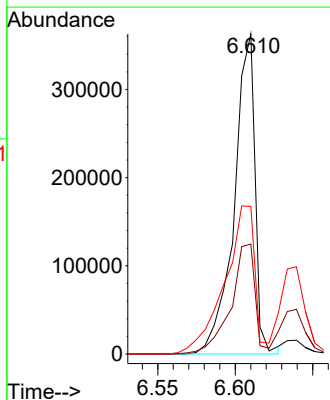
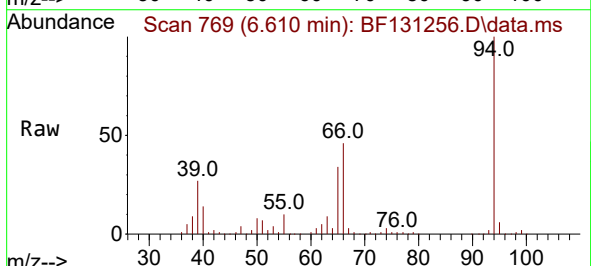
Manual Integrations
APPROVED

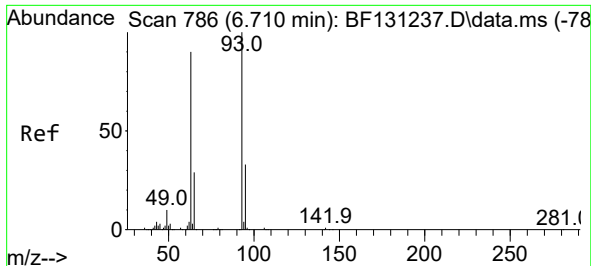
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#10
Phenol
Concen: 42.267 ng
RT: 6.610 min Scan# 769
Delta R.T. 0.006 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

Tgt Ion: 94 Resp: 340126
Ion Ratio Lower Upper
94 100
65 34.4 14.8 54.8
66 46.1 26.5 66.5





#11

bis(2-Chloroethyl)ether

Concen: 42.275 ng

RT: 6.710 min Scan# 786

Delta R.T. -0.000 min

Lab File: BF131256.D

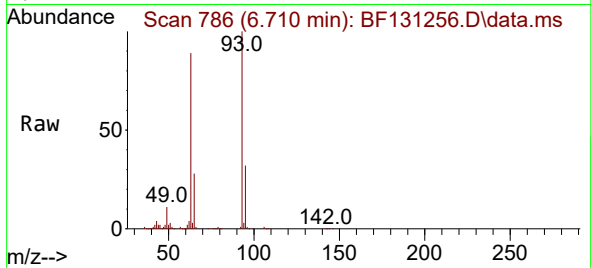
Acq: 16 Nov 2022 10:19

Instrument :

BNA_F

ClientSampleId :

PB148852BS



Tgt Ion: 93 Resp: 26636

Ion Ratio Lower Upper

93 100

63 89.4 69.8 109.8

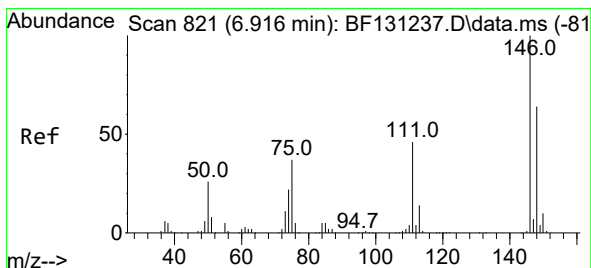
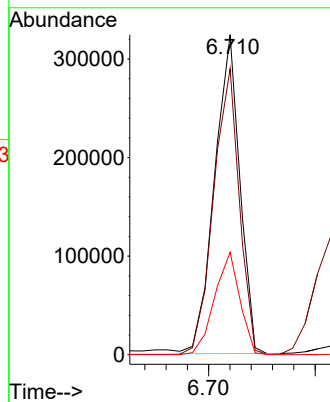
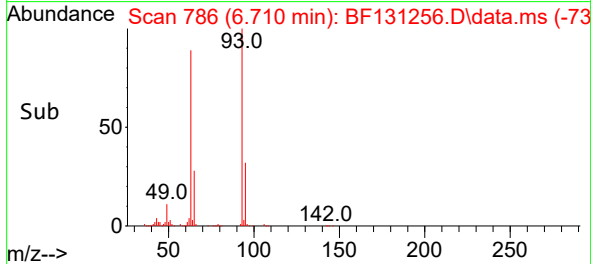
95 32.0 13.4 53.4

Manual Integrations

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Reviewed By :Christian Giraldo 11/17/2022

Supervised By :mohammad ahmed 11/17/2022



#12

1,3-Dichlorobenzene

Concen: 40.871 ng

RT: 6.916 min Scan# 821

Delta R.T. -0.000 min

Lab File: BF131256.D

Acq: 16 Nov 2022 10:19

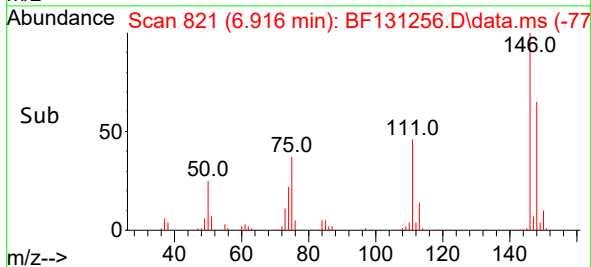
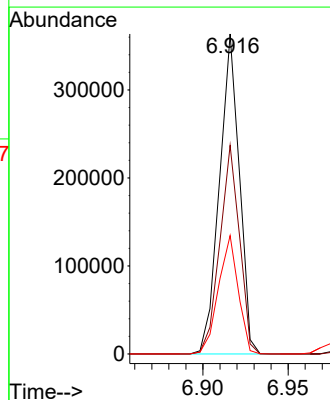
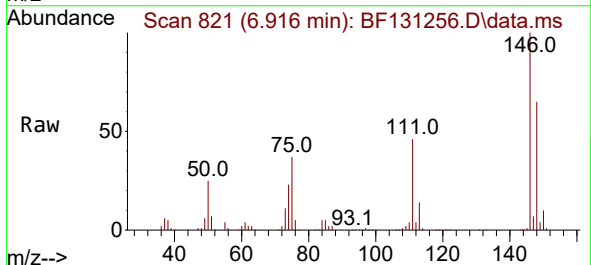
Tgt Ion:146 Resp: 295196

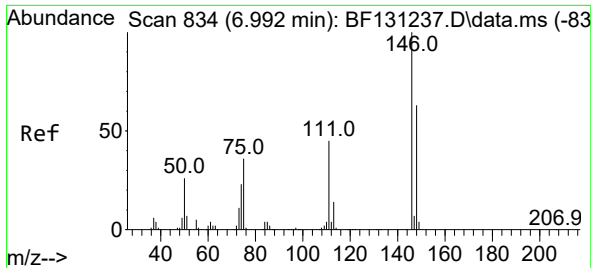
Ion Ratio Lower Upper

146 100

148 65.2 51.0 76.6

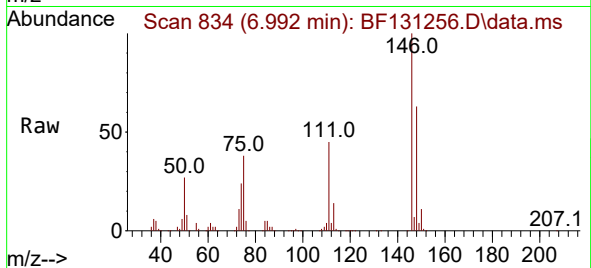
75 37.0 29.2 43.8





#13
1,4-Dichlorobenzene
Concen: 41.495 ng
RT: 6.992 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

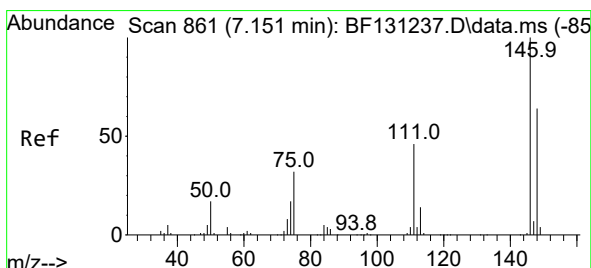
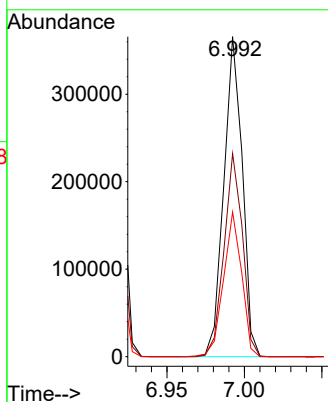
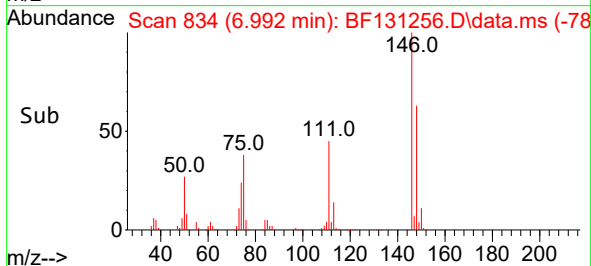
Instrument :
BNA_F
ClientSampleId :
PB148852BS



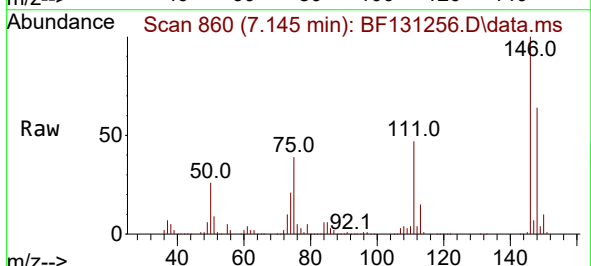
Tgt Ion:146 Resp: 30309
Ion Ratio Lower Upper
146 100
148 63.5 50.1 75.1
111 45.2 36.3 54.5

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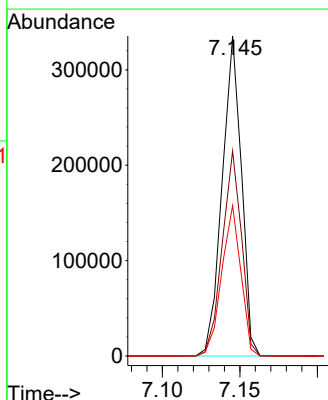
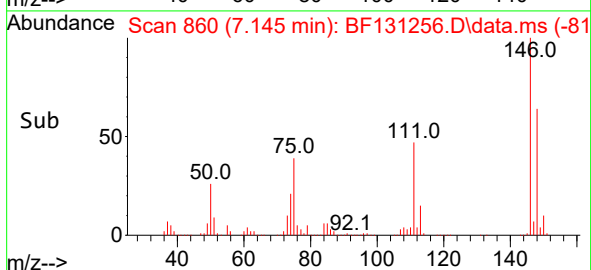
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

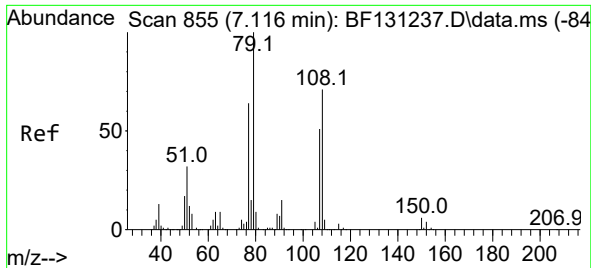


#14
1,2-Dichlorobenzene
Concen: 42.860 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19



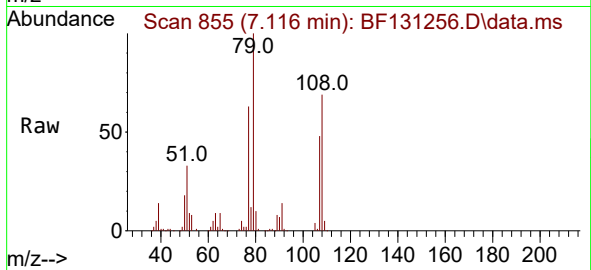
Tgt Ion:146 Resp: 289355
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.6
111 47.0 36.9 55.3





#15
Benzyl Alcohol
Concen: 34.921 ng m
RT: 7.116 min Scan# 855
Delta R.T. -0.000 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

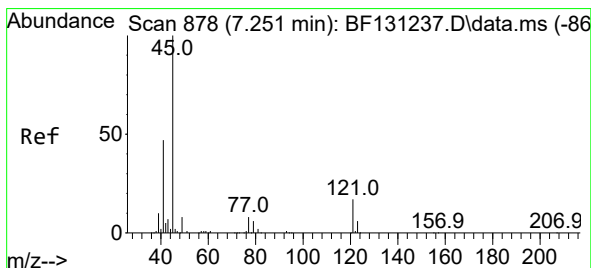
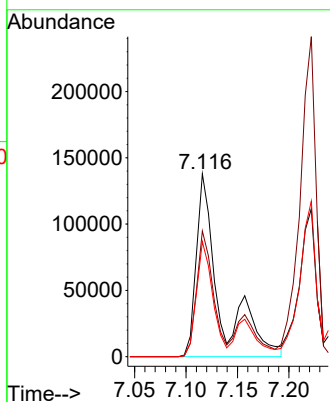
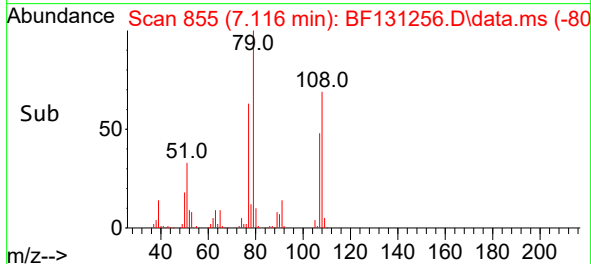
Instrument :
BNA_F
ClientSampleId :
PB148852BS



Tgt Ion: 79 Resp: 21819
Ion Ratio Lower Upper
79 100
108 68.7 56.7 85.1
77 62.9 51.4 77.2

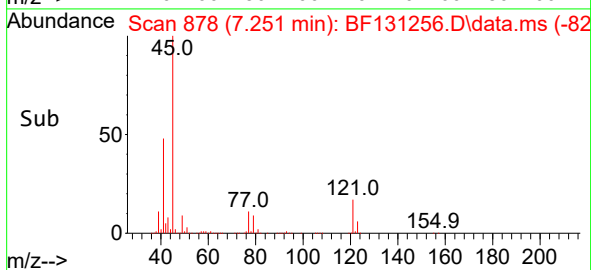
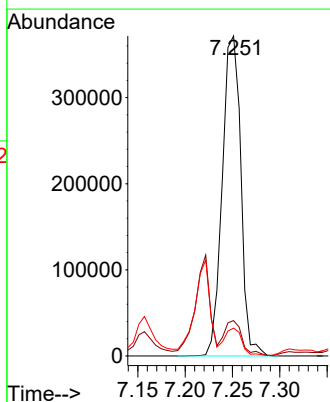
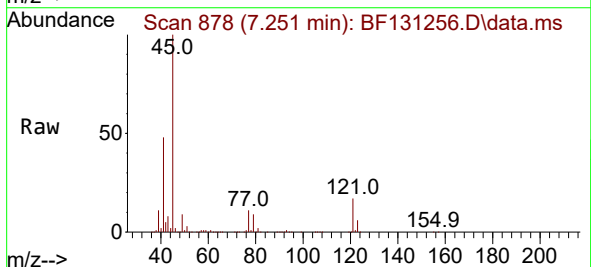
Manual Integrations
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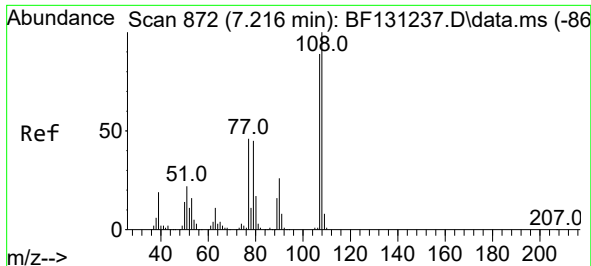
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.634 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

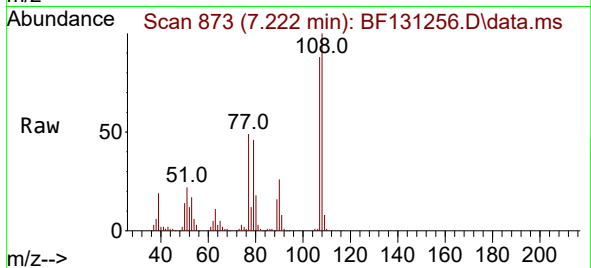
Tgt Ion: 45 Resp: 505971
Ion Ratio Lower Upper
45 100
77 11.1 0.0 31.0
79 8.7 0.0 28.5





#17
2-Methylphenol
Concen: 42.756 ng
RT: 7.222 min Scan# 872
Delta R.T. 0.006 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

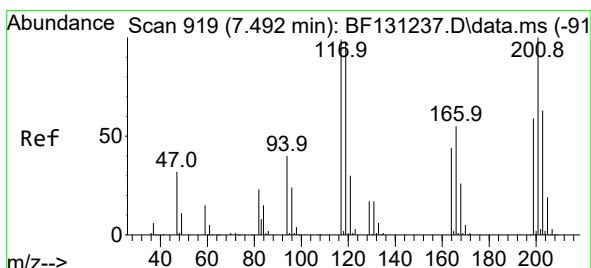
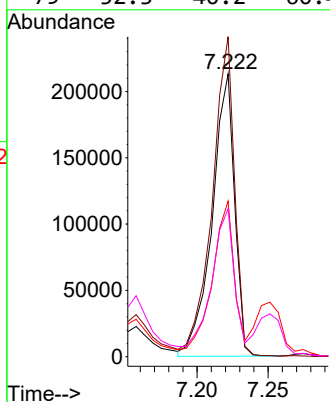
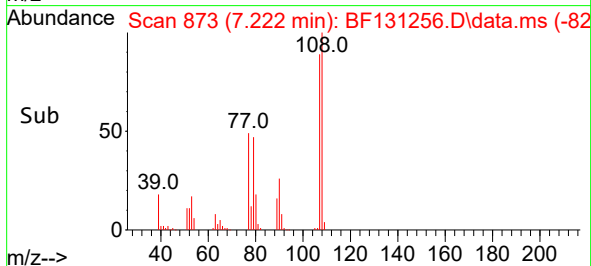
Instrument :
BNA_F
ClientSampleId :
PB148852BS



Tgt Ion:107 Resp: 233035
Ion Ratio Lower Upper
107 100
108 113.1 89.8 134.6
77 54.9 41.4 62.0
79 52.3 40.2 60.4

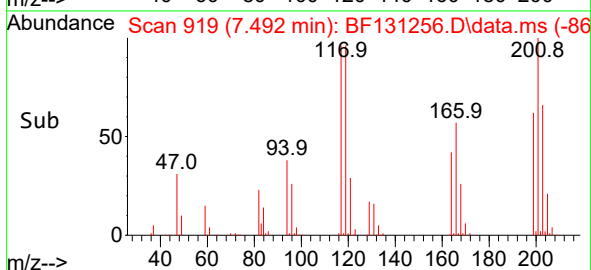
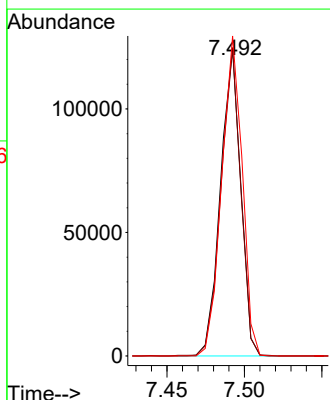
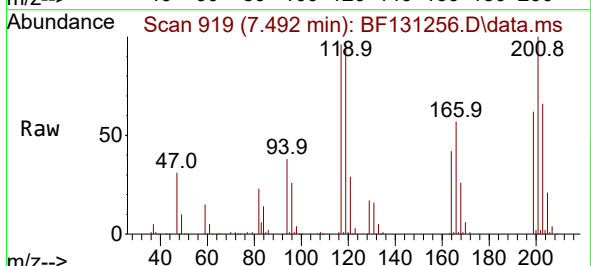
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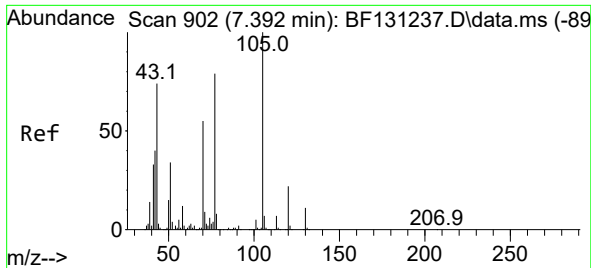
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#18
Hexachloroethane
Concen: 42.385 ng
RT: 7.492 min Scan# 919
Delta R.T. -0.000 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

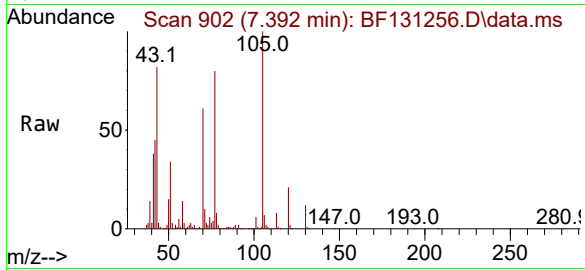
Tgt Ion:117 Resp: 112552
Ion Ratio Lower Upper
117 100
119 100.5 79.0 118.6
201 104.3 80.9 121.3





#19
n-Nitroso-di-n-propylamine
Concen: 41.366 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.000 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

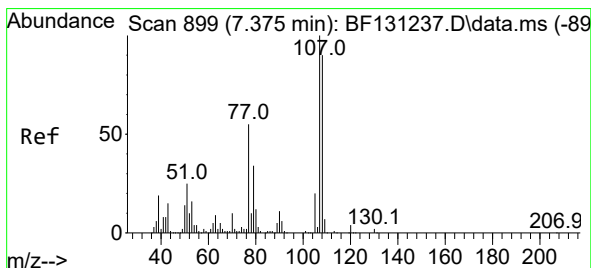
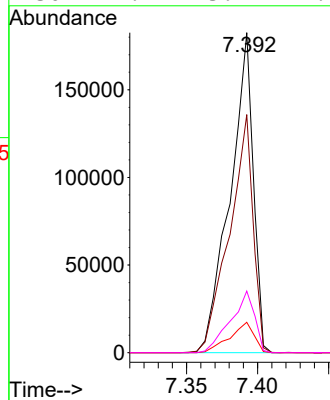
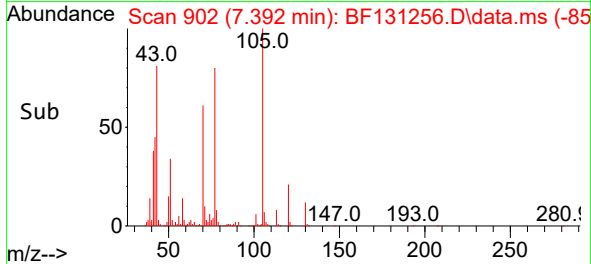
Instrument :
BNA_F
ClientSampleId :
PB148852BS



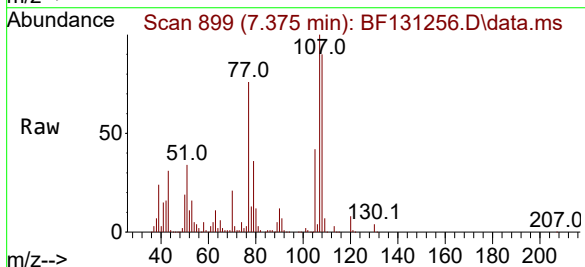
Tgt Ion: 70 Resp: 207342
Ion Ratio Lower Upper
70 100
42 74.4 58.3 87.5
101 9.5 7.2 10.8
130 19.2 15.2 22.8

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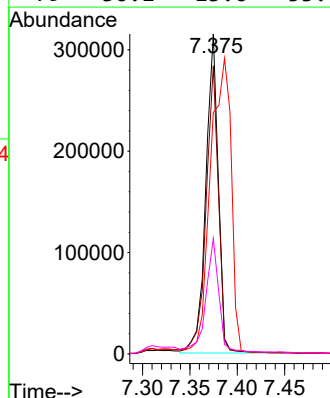
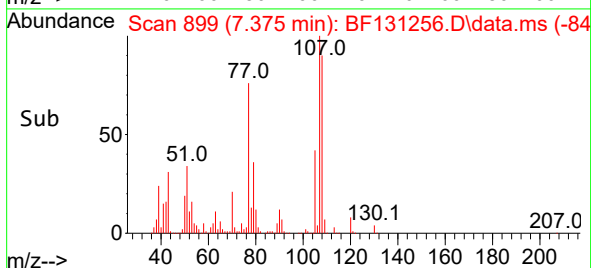
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

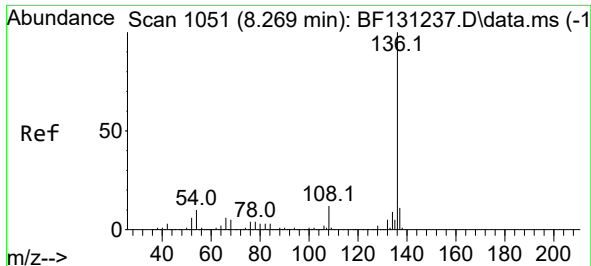


#20
3+4-Methylphenols
Concen: 41.107 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19



Tgt Ion:107 Resp: 289803
Ion Ratio Lower Upper
107 100
108 90.0 69.5 109.5
77 75.5 35.3 75.3#
79 36.1 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: BF131256.D

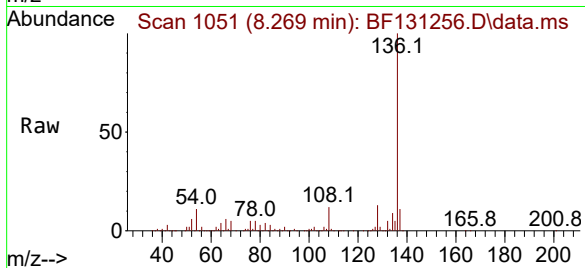
Acq: 16 Nov 2022 10:19

Instrument :

BNA_F

ClientSampleId :

PB148852BS



Tgt Ion:136 Resp: 364012

Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

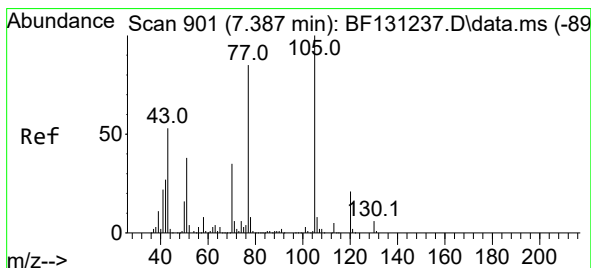
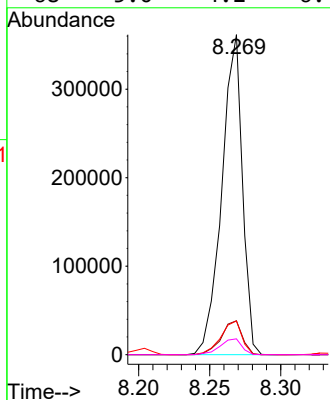
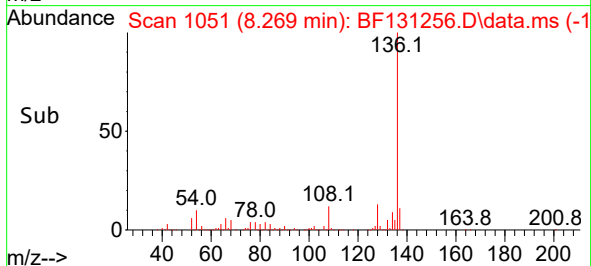
54 10.5 7.8 11.8

68 5.0 4.2 6.4

Manual Integrations

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



#22

Acetophenone

Concen: 42.779 ng

RT: 7.386 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF131256.D

Acq: 16 Nov 2022 10:19

Tgt Ion:105 Resp: 405918

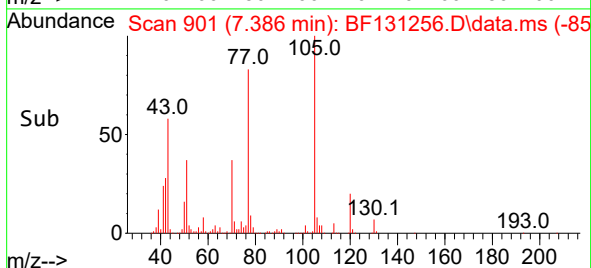
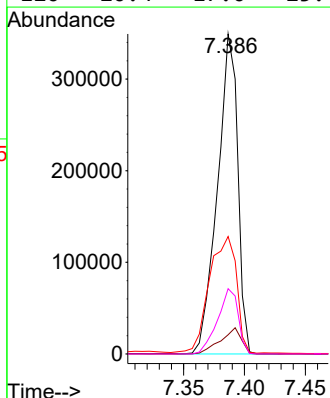
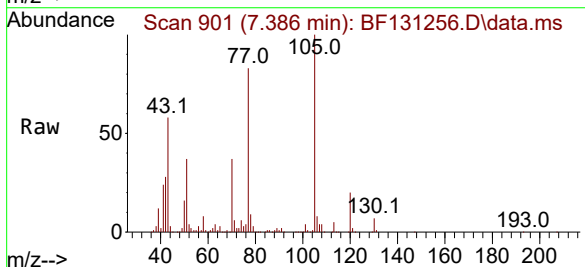
Ion Ratio Lower Upper

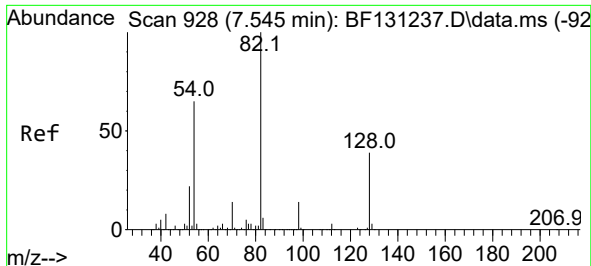
105 100

71 6.0 4.7 7.1

51 36.7 30.2 45.2

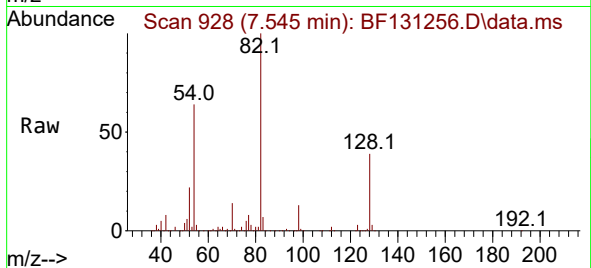
120 20.4 17.0 25.4





#23
Nitrobenzene-d5
Concen: 94.290 ng
RT: 7.545 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

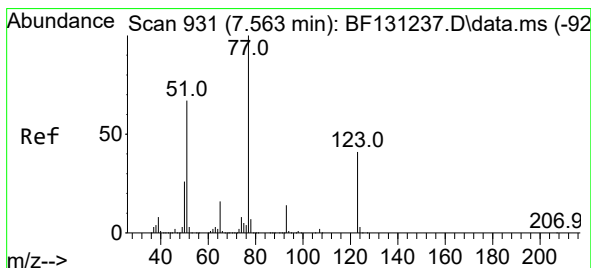
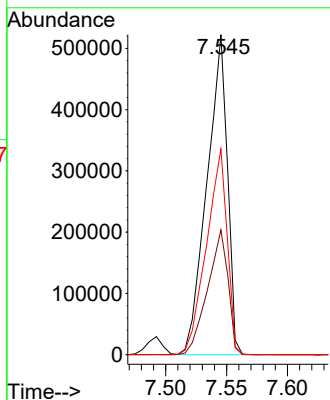
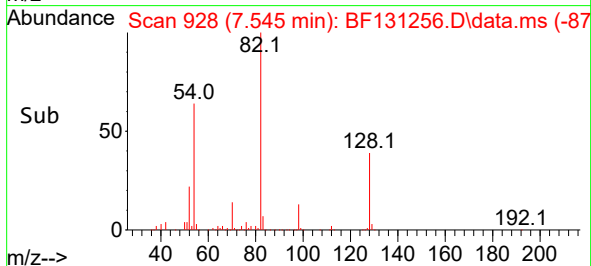
Instrument :
BNA_F
ClientSampleId :
PB148852BS



Tgt Ion: 82 Resp: 61148
Ion Ratio Lower Upper
82 100
128 39.0 31.1 46.7
54 64.3 51.8 77.6

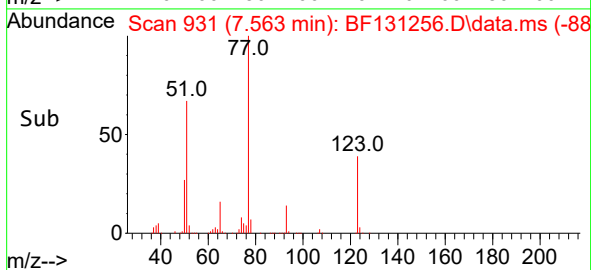
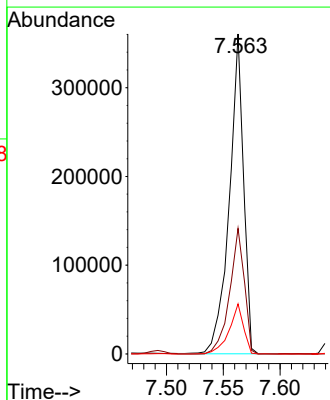
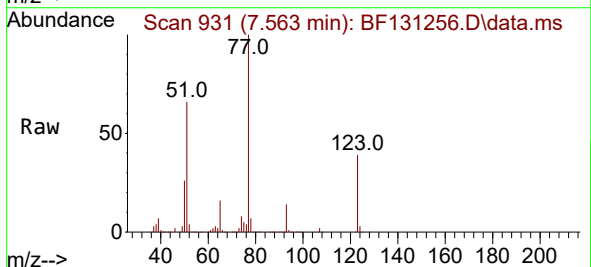
Manual Integrations
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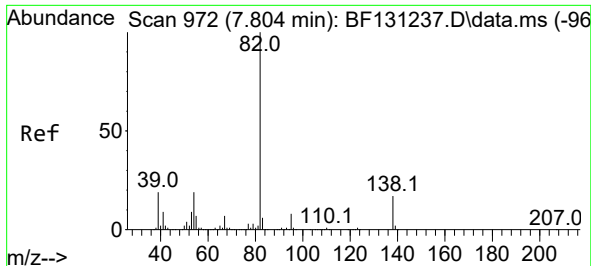
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#24
Nitrobenzene
Concen: 44.936 ng
RT: 7.563 min Scan# 931
Delta R.T. -0.000 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

Tgt Ion: 77 Resp: 314595
Ion Ratio Lower Upper
77 100
123 39.2 33.2 49.8
65 15.7 13.0 19.4





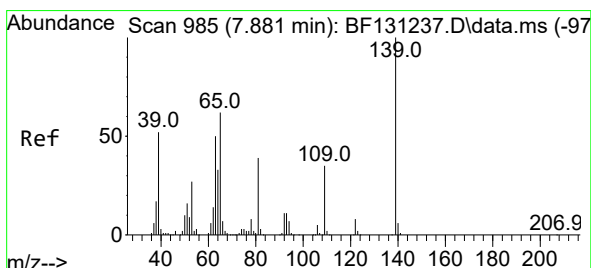
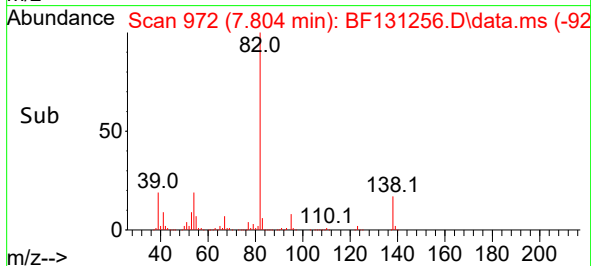
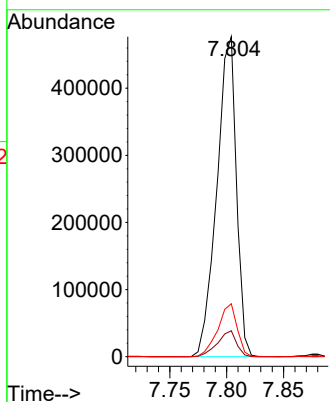
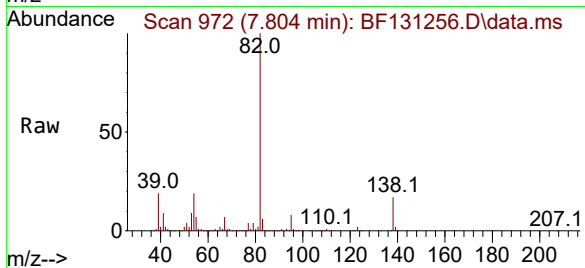
#25
Isophorone
Concen: 44.218 ng
RT: 7.804 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

Instrument :
BNA_F
ClientSampleId :
PB148852BS

Tgt Ion: 82 Resp: 57288
Ion Ratio Lower Upper
82 100
95 8.1 6.2 9.2
138 16.5 13.4 20.0

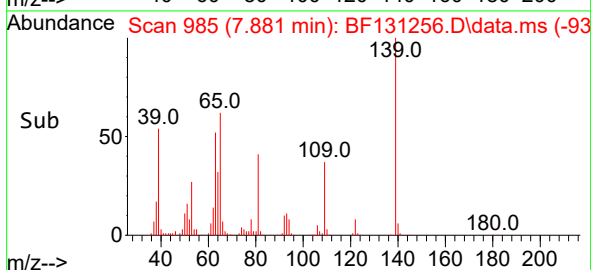
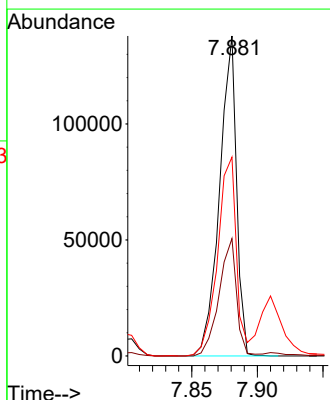
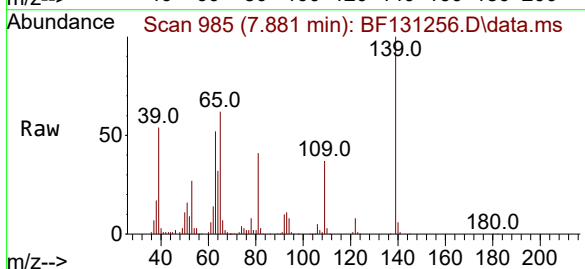
Manual Integrations
APPROVED

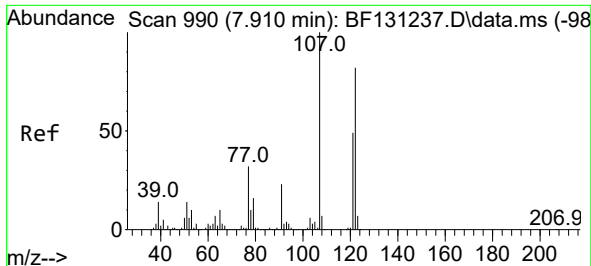
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#26
2-Nitrophenol
Concen: 44.573 ng
RT: 7.881 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

Tgt Ion:139 Resp: 124081
Ion Ratio Lower Upper
139 100
109 36.7 28.0 42.0
65 62.1 49.3 73.9





#27

2,4-Dimethylphenol

Concen: 50.533 ng

RT: 7.910 min Scan# 990

Delta R.T. -0.000 min

Lab File: BF131256.D

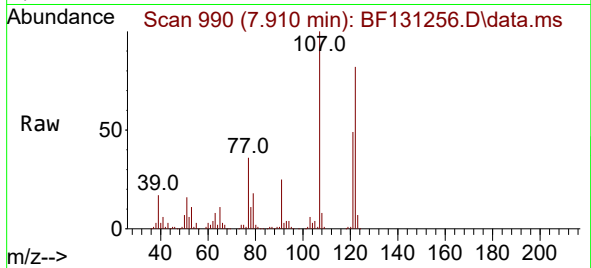
Acq: 16 Nov 2022 10:19

Instrument :

BNA_F

ClientSampleId :

PB148852BS

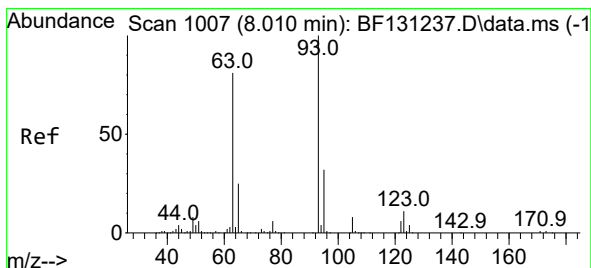
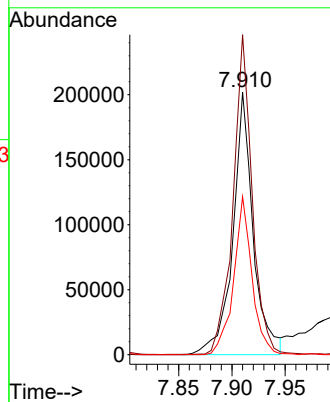
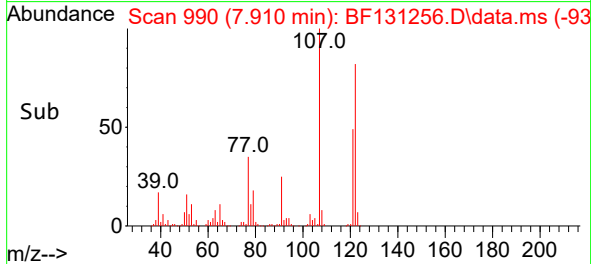


Tgt Ion	Ratio	Lower	Upper
122	100		
107	121.9	97.1	145.7
121	60.1	47.5	71.3

Manual Integrations

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Supervised By :mohammad ahmed 11/17/2022



#28

bis(2-Chloroethoxy)methane

Concen: 44.857 ng

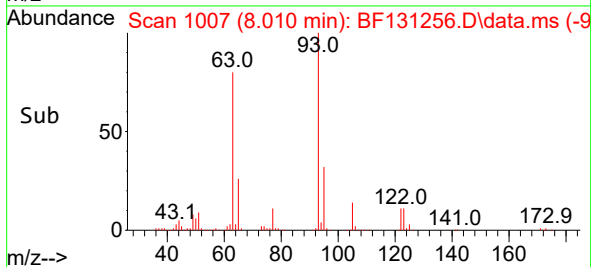
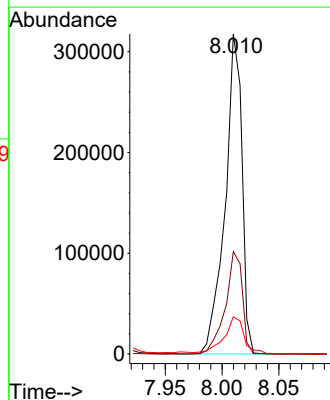
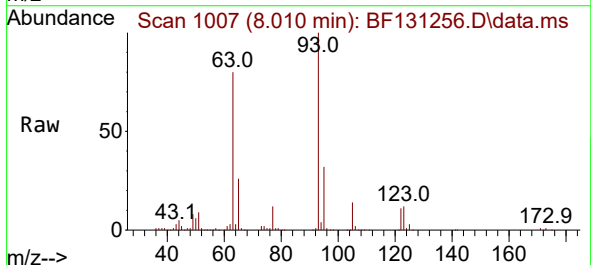
RT: 8.010 min Scan# 1007

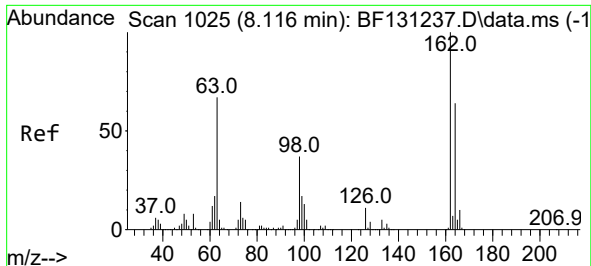
Delta R.T. -0.000 min

Lab File: BF131256.D

Acq: 16 Nov 2022 10:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.7	38.5
123	11.6	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 41.869 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.000 min

Lab File: BF131256.D

Acq: 16 Nov 2022 10:19

Instrument :

BNA_F

ClientSampleId :

PB148852BS

Tgt Ion:162 Resp: 240110

Ion Ratio Lower Upper

162 100

164 63.3 43.5 83.5

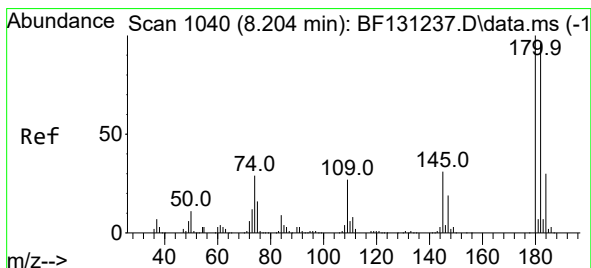
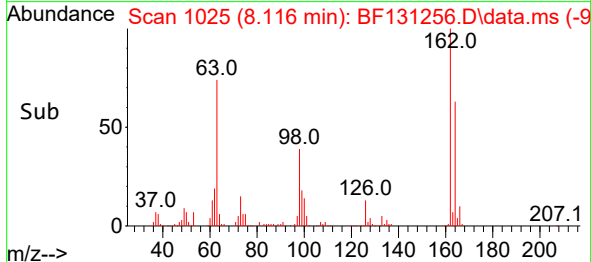
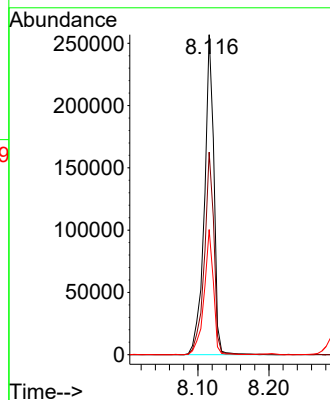
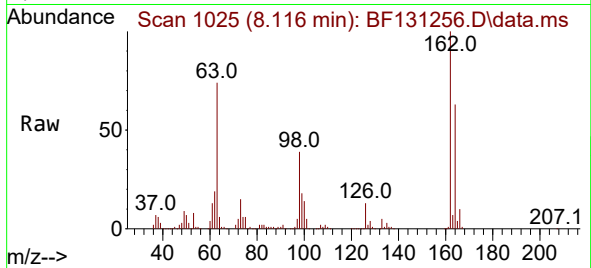
98 39.1 17.2 57.2

Manual Integrations

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Reviewed By :Christian Giraldo 11/17/2022

Supervised By :mohammad ahmed 11/17/2022



#30

1,2,4-Trichlorobenzene

Concen: 40.565 ng

RT: 8.204 min Scan# 1040

Delta R.T. -0.000 min

Lab File: BF131256.D

Acq: 16 Nov 2022 10:19

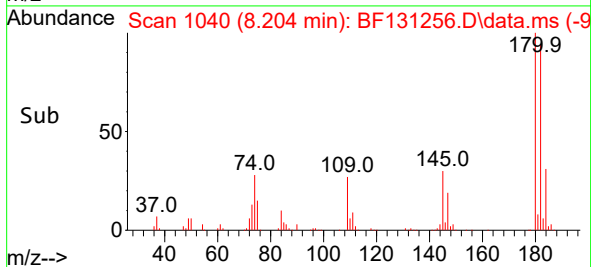
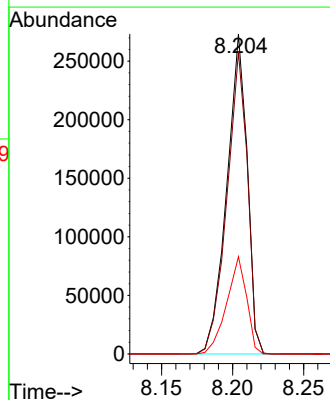
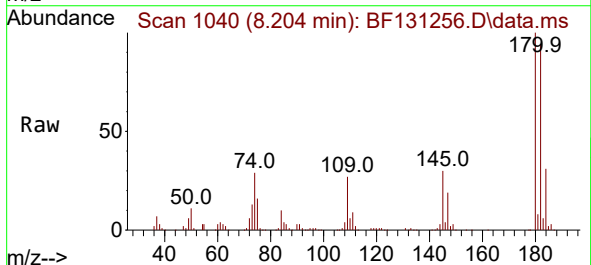
Tgt Ion:180 Resp: 272753

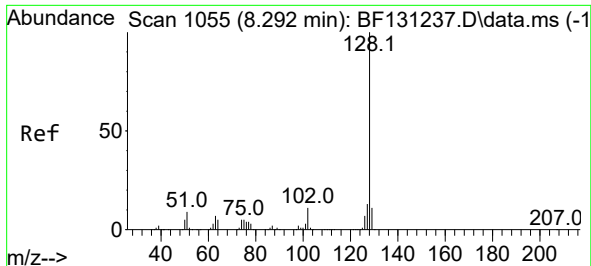
Ion Ratio Lower Upper

180 100

182 94.3 76.6 115.0

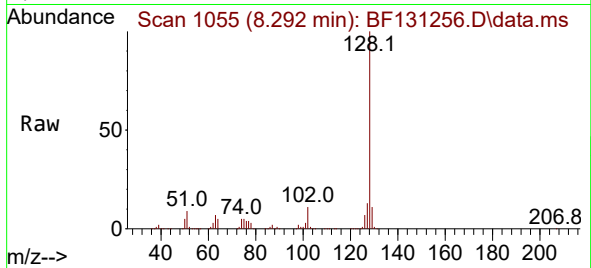
145 30.4 24.8 37.2





#31
Naphthalene
Concen: 39.790 ng
RT: 8.292 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

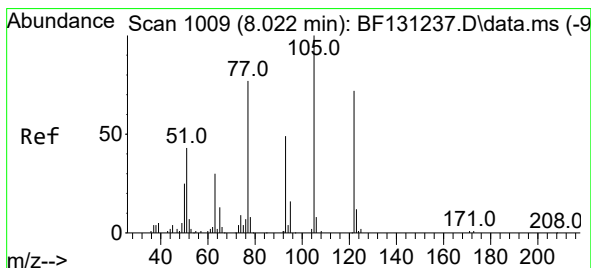
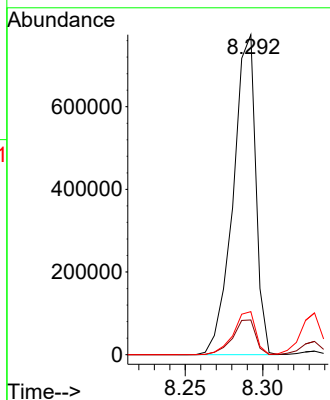
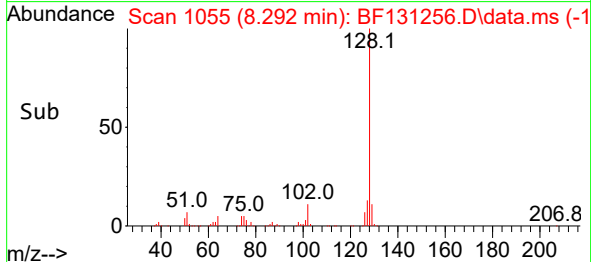
Instrument :
BNA_F
ClientSampleId :
PB148852BS



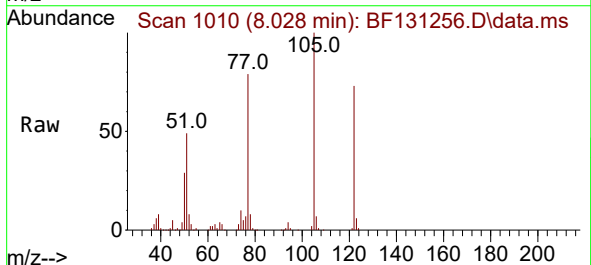
Tgt Ion:128 Resp: 784718
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 13.4 10.3 15.5

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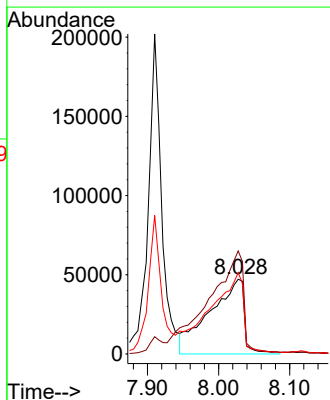
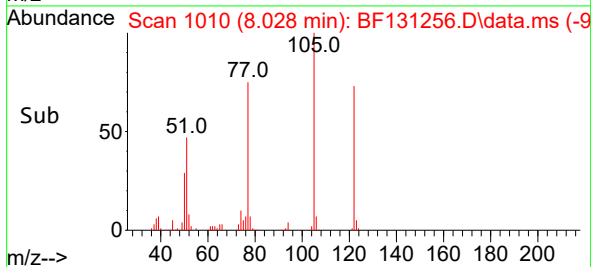
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

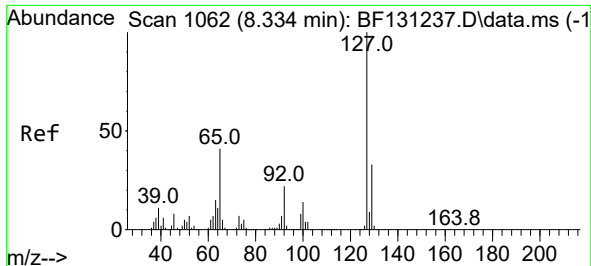


#32
Benzoic acid
Concen: 42.602 ng m
RT: 8.028 min Scan# 1010
Delta R.T. 0.006 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19



Tgt Ion:122 Resp: 160149
Ion Ratio Lower Upper
122 100
105 137.9 116.9 156.9
77 108.9 86.9 126.9





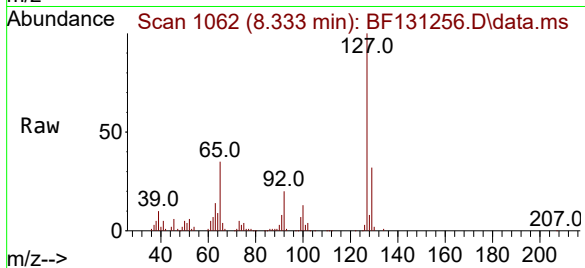
#33
4-Chloroaniline
Concen: 13.337 ng
RT: 8.333 min Scan# 1062
Delta R.T. -0.000 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

Instrument :

BNA_F

ClientSampleId :

PB148852BS

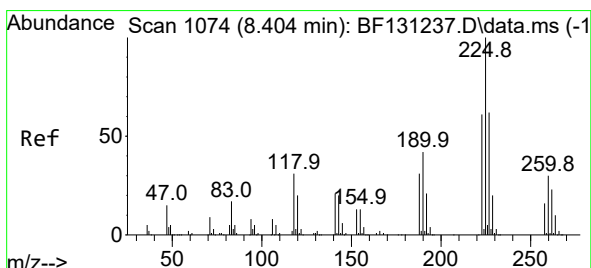
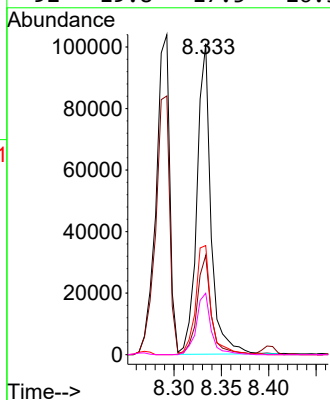
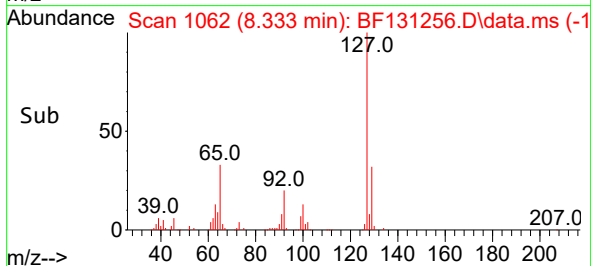


Tgt Ion:127 Resp: 103544
Ion Ratio Lower Upper
127 100
129 31.9 26.0 39.0
65 35.1 32.6 48.8
92 19.8 17.5 26.3

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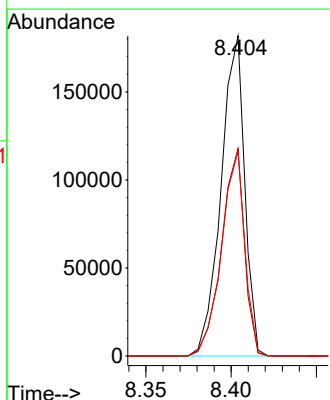
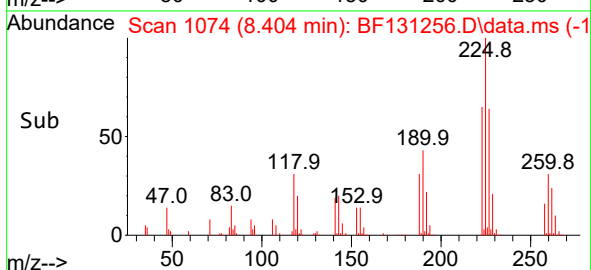
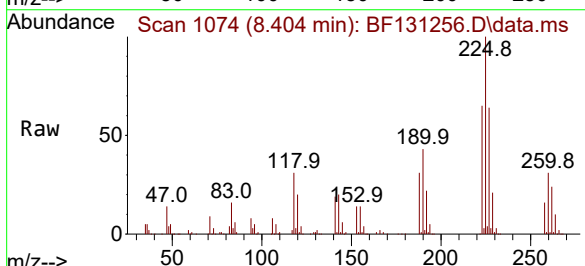
APPROVED

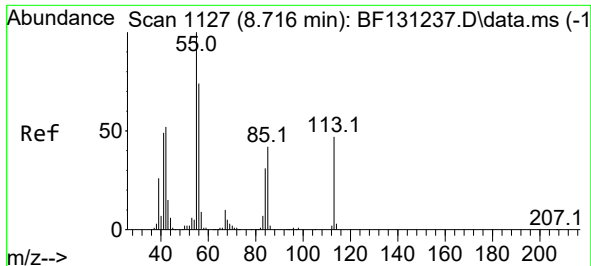
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#34
Hexachlorobutadiene
Concen: 41.234 ng
RT: 8.404 min Scan# 1074
Delta R.T. -0.000 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

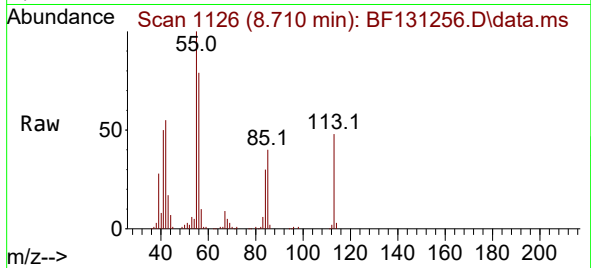
Tgt Ion:225 Resp: 175478
Ion Ratio Lower Upper
225 100
223 64.8 49.1 73.7
227 63.9 50.0 75.0





#35
 Caprolactam
 Concen: 44.731 ng m
 RT: 8.710 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: BF131256.D
 Acq: 16 Nov 2022 10:19

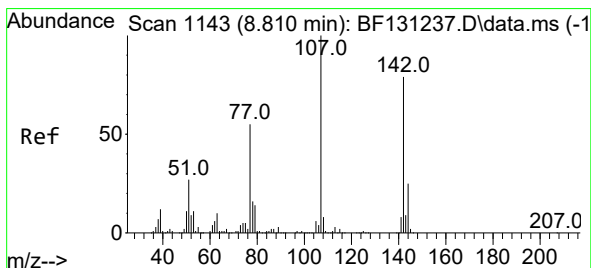
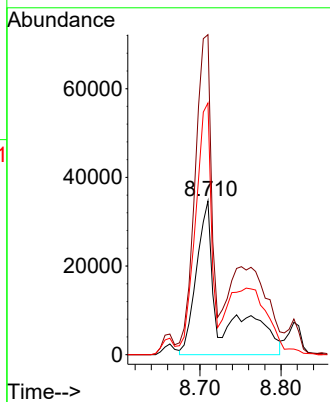
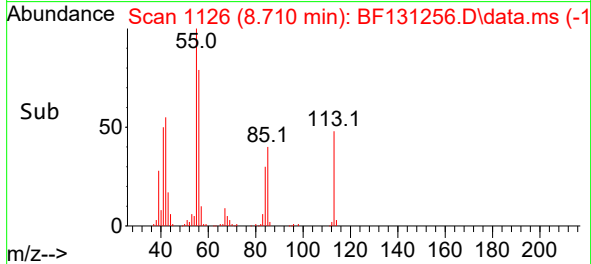
Instrument :
 BNA_F
 ClientSampleId :
 PB148852BS



Tgt Ion:113 Resp: 75809
 Ion Ratio Lower Upper
 113 100
 55 208.3 193.2 233.2
 56 163.8 137.2 177.2

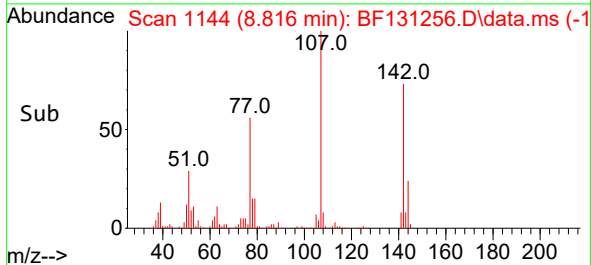
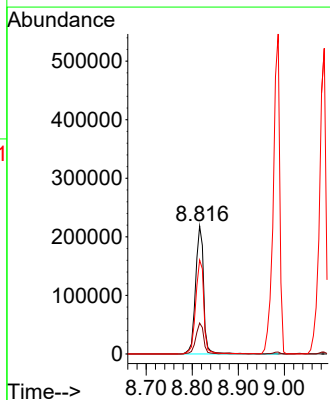
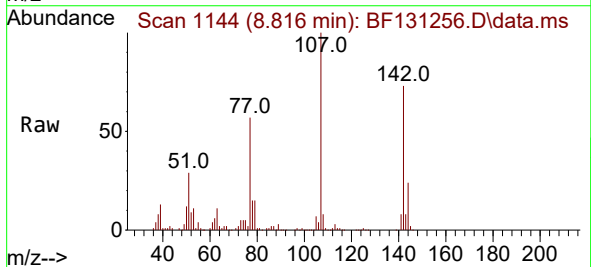
Manual Integrations
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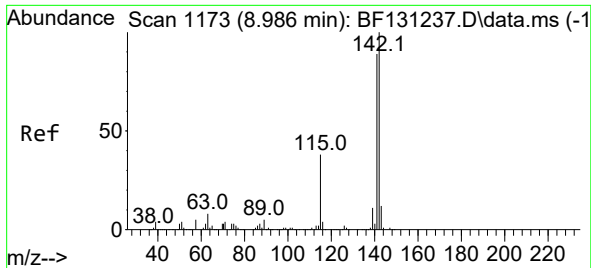
Reviewed By :Christian Giraldo 11/17/2022
 Supervised By :mohammad ahmed 11/17/2022



#36
 4-Chloro-3-methylphenol
 Concen: 44.071 ng
 RT: 8.816 min Scan# 1144
 Delta R.T. 0.006 min
 Lab File: BF131256.D
 Acq: 16 Nov 2022 10:19

Tgt Ion:107 Resp: 266039
 Ion Ratio Lower Upper
 107 100
 144 24.2 20.2 30.2
 142 73.4 63.0 94.6





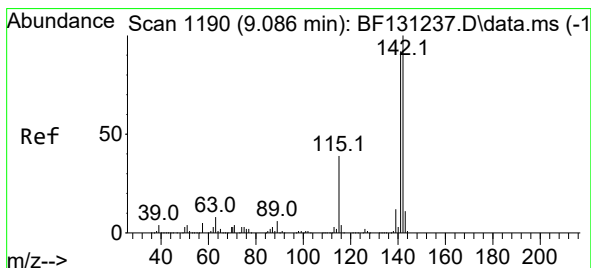
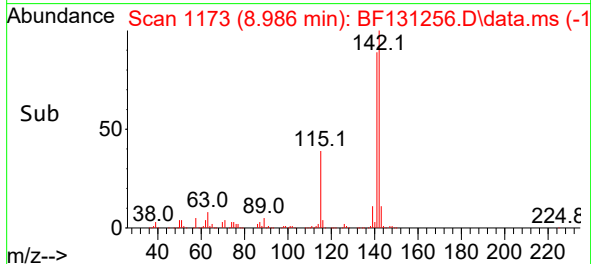
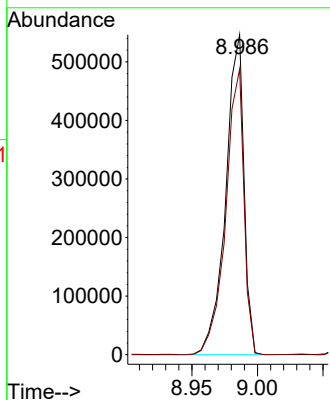
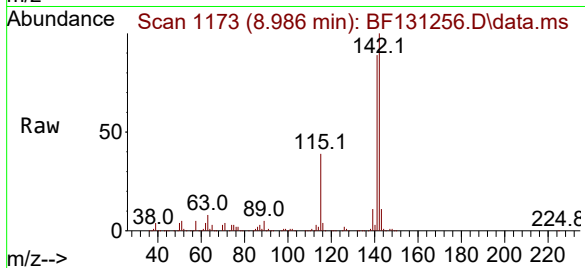
#37
2-Methylnaphthalene
Concen: 40.321 ng
RT: 8.986 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

Instrument :
BNA_F
ClientSampleId :
PB148852BS

Tgt Ion:142 Resp: 529590
Ion Ratio Lower Upper
142 100
141 89.3 71.0 106.6

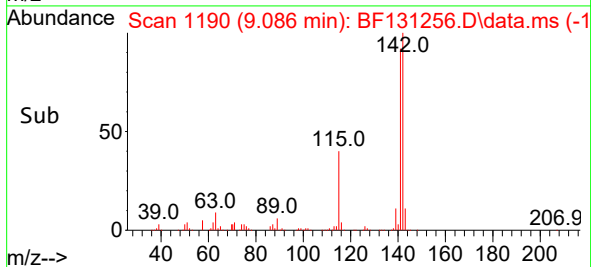
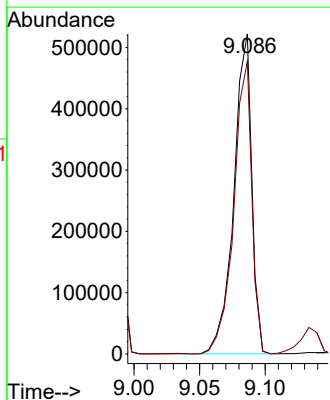
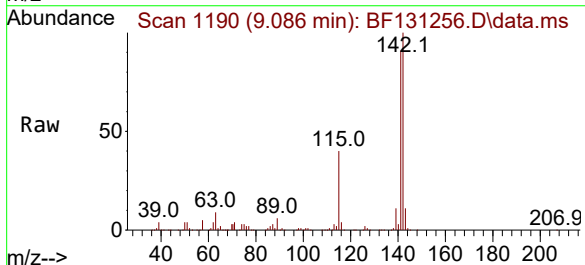
Manual Integrations
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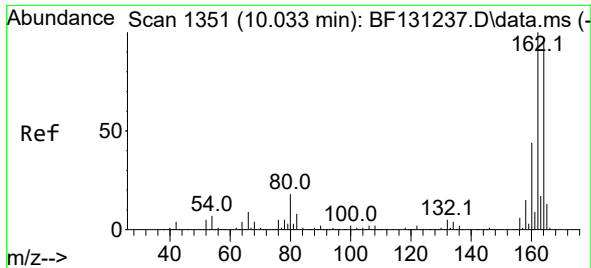
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#38
1-Methylnaphthalene
Concen: 39.122 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

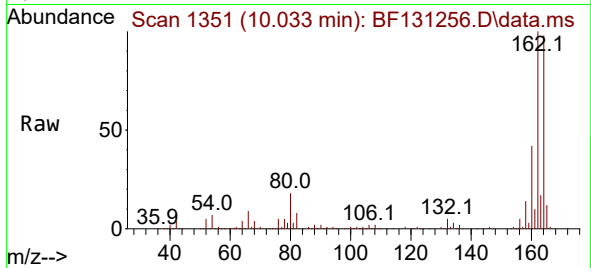
Tgt Ion:142 Resp: 498265
Ion Ratio Lower Upper
142 100
141 91.4 73.4 110.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

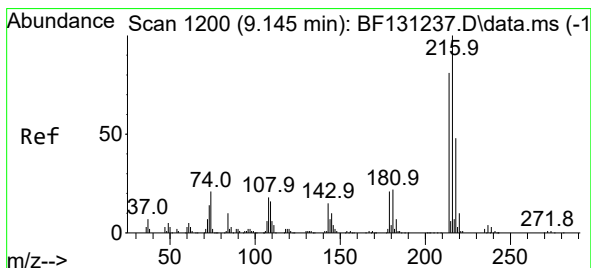
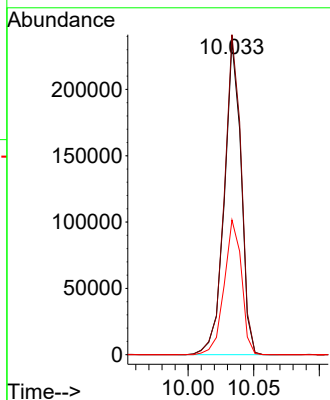
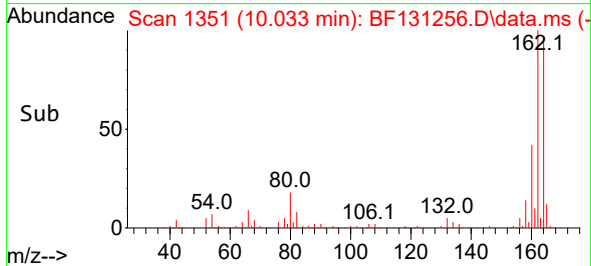
Instrument :
BNA_F
ClientSampleId :
PB148852BS



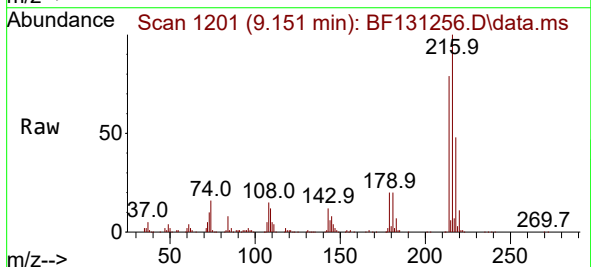
Tgt Ion:164 Resp: 20941
Ion Ratio Lower Upper
164 100
162 102.2 82.1 123.1
160 43.0 36.2 54.4

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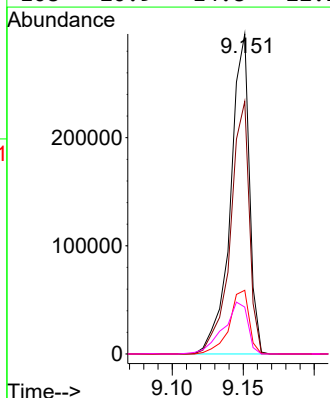
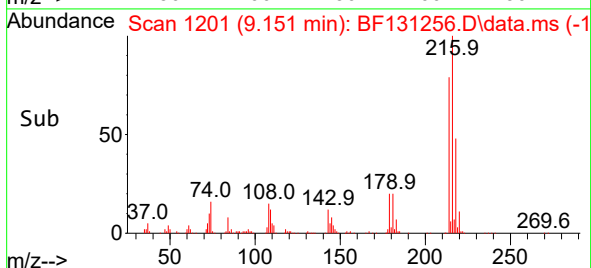
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

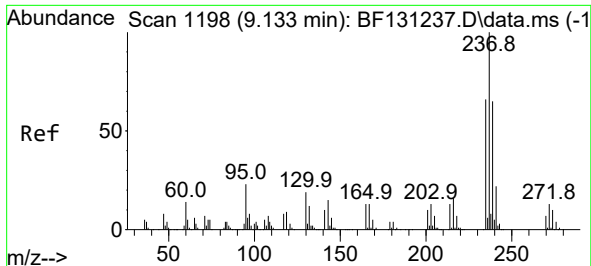


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.538 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.006 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19



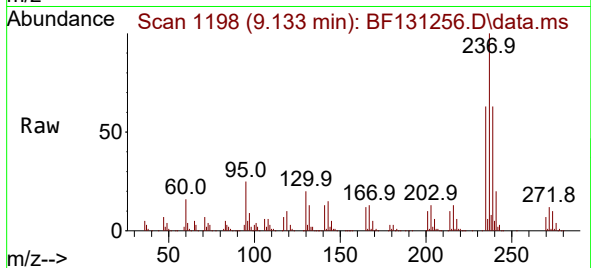
Tgt Ion:216 Resp: 273331
Ion Ratio Lower Upper
216 100
214 78.9 63.7 95.5
179 20.8 16.5 24.7
108 20.9 14.8 22.2





#41
Hexachlorocyclopentadiene
Concen: 100.020 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

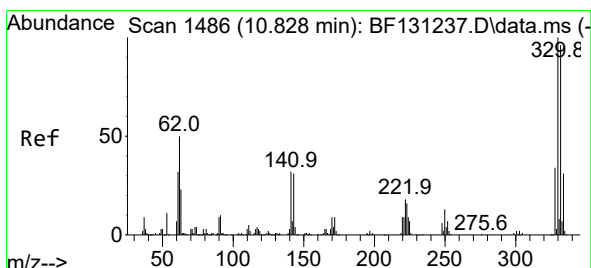
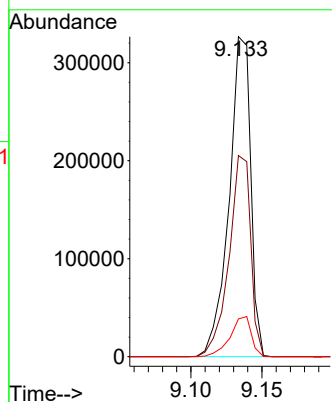
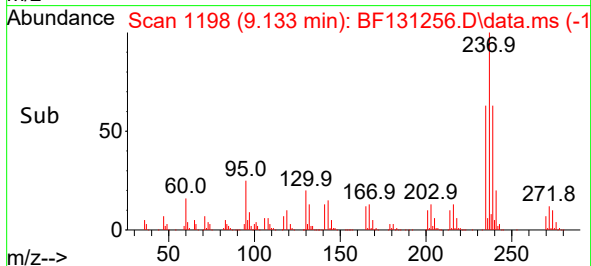
Instrument :
BNA_F
ClientSampleId :
PB148852BS



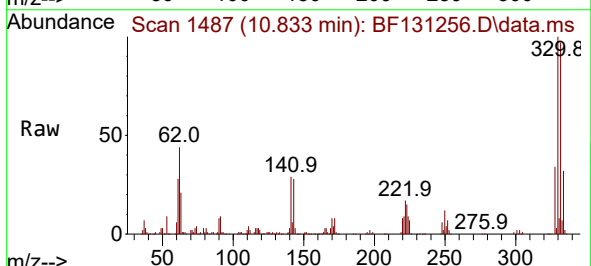
Tgt Ion:237 Resp: 345650
Ion Ratio Lower Upper
237 100
235 62.8 45.6 85.6
272 11.8 0.0 32.6

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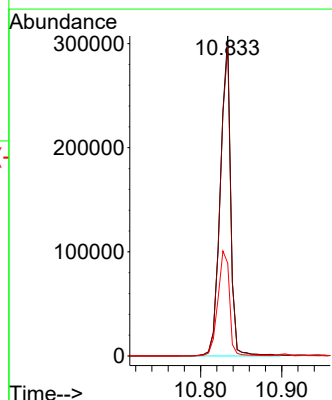
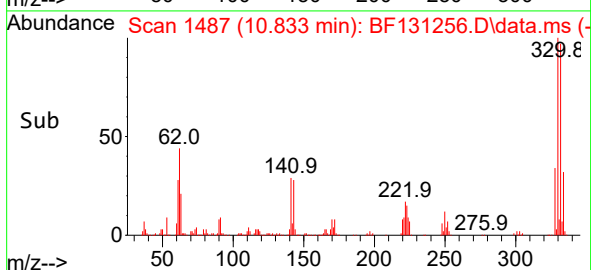
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

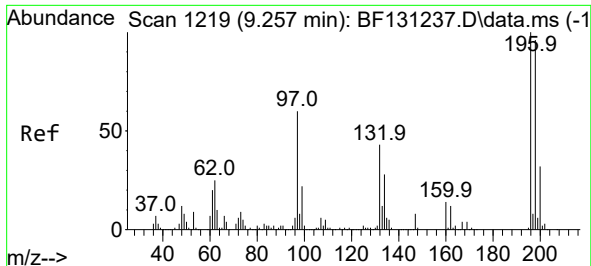


#42
2,4,6-Tribromophenol
Concen: 135.429 ng
RT: 10.833 min Scan# 1487
Delta R.T. 0.005 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19



Tgt Ion:330 Resp: 270900
Ion Ratio Lower Upper
330 100
332 98.2 76.8 115.2
141 37.0 29.6 44.4





#43

2,4,6-Trichlorophenol

Concen: 37.115 ng

RT: 9.263 min Scan# 1220

Delta R.T. 0.006 min

Lab File: BF131256.D

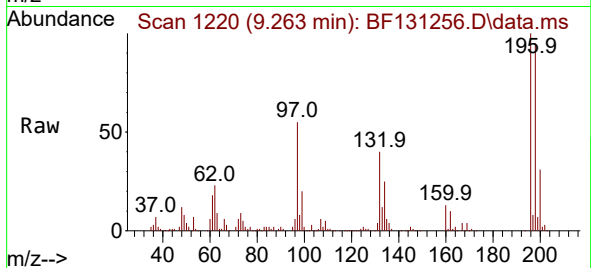
Acq: 16 Nov 2022 10:19

Instrument :

BNA_F

ClientSampleId :

PB148852BS



Tgt Ion:196 Resp: 163608

Ion Ratio Lower Upper

196 100

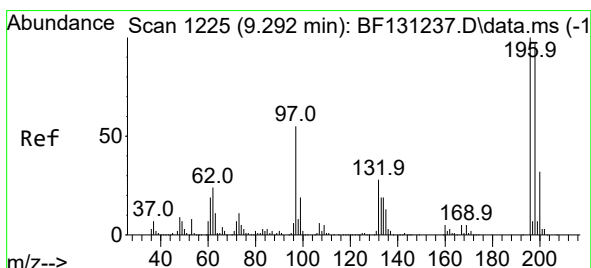
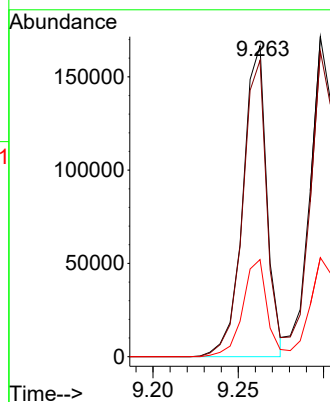
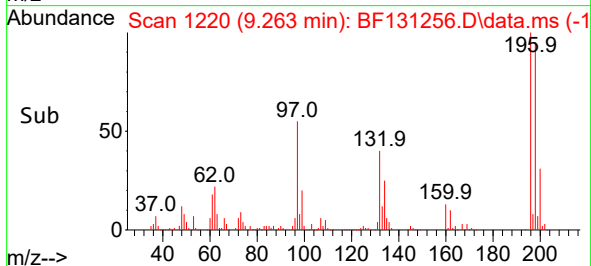
198 95.3 76.5 114.7

200 31.2 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: 42.750 ng

RT: 9.298 min Scan# 1226

Delta R.T. 0.006 min

Lab File: BF131256.D

Acq: 16 Nov 2022 10:19

Tgt Ion:196 Resp: 202226

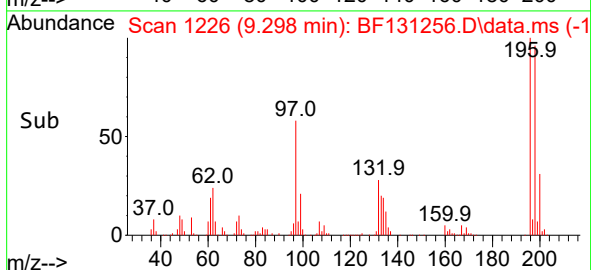
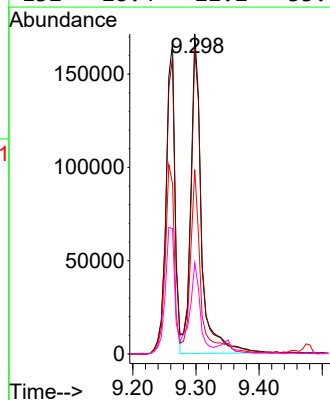
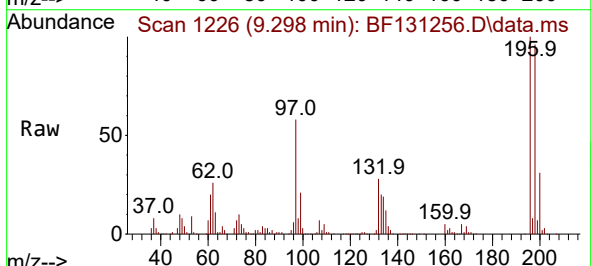
Ion Ratio Lower Upper

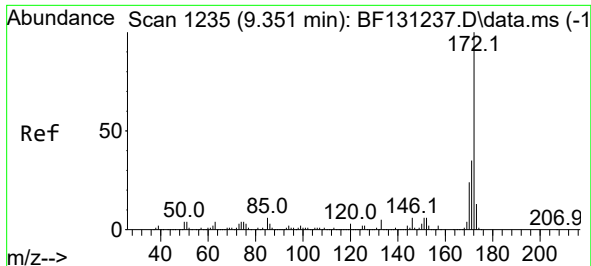
196 100

198 95.5 77.0 115.6

97 57.6 44.3 66.5

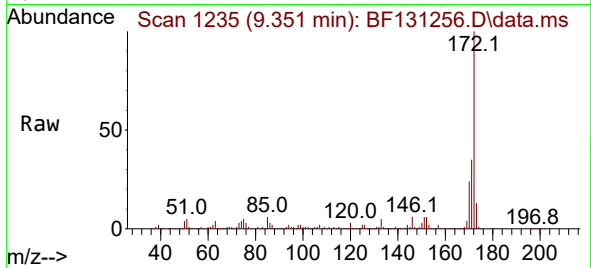
132 28.4 22.2 33.4





#45
2-Fluorobiphenyl
Concen: 79.710 ng
RT: 9.351 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

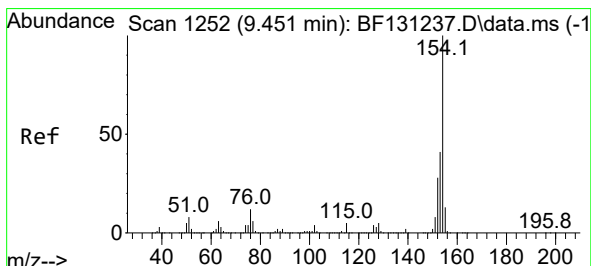
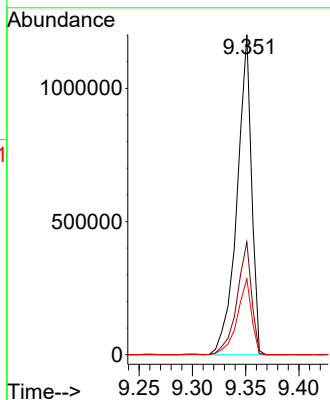
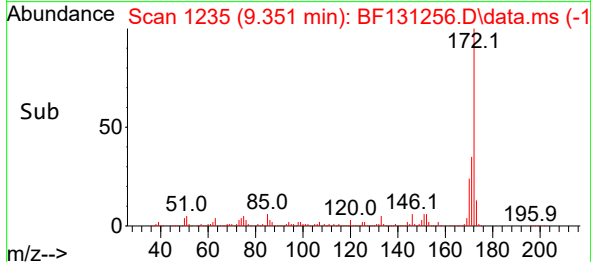
Instrument :
BNA_F
ClientSampleId :
PB148852BS



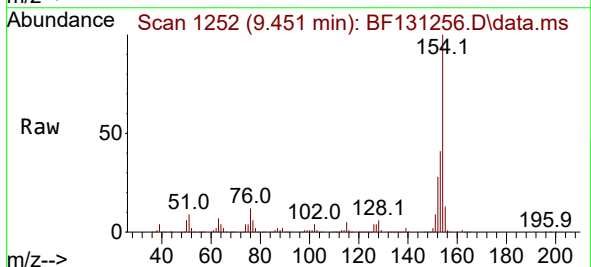
Tgt Ion:172 Resp: 1140644
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.7 18.8 28.2

Manual Integrations
APPROVED

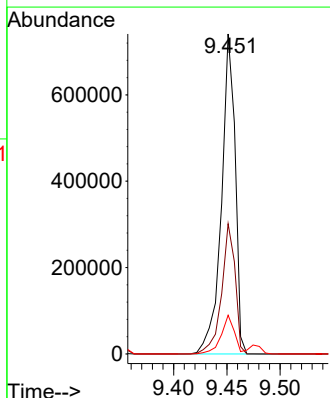
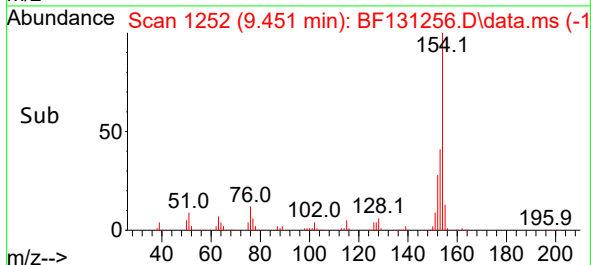
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

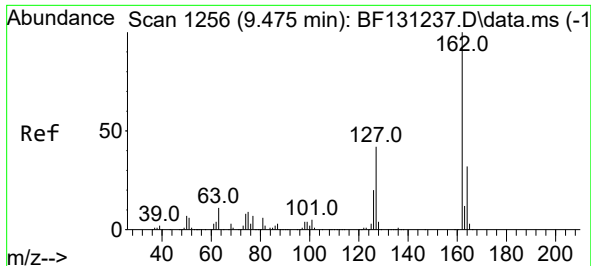


#46
1,1'-Biphenyl
Concen: 41.064 ng
RT: 9.451 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19



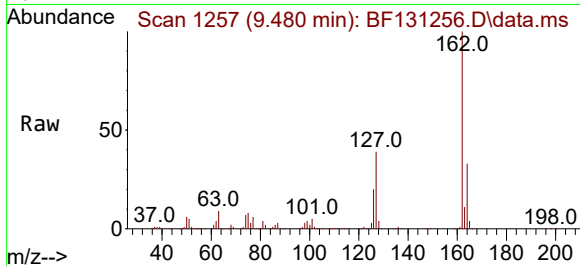
Tgt Ion:154 Resp: 661065
Ion Ratio Lower Upper
154 100
153 40.7 20.8 60.8
76 12.1 0.0 31.6





#47
2-Chloronaphthalene
Concen: 39.758 ng
RT: 9.480 min Scan# 1256
Delta R.T. 0.006 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

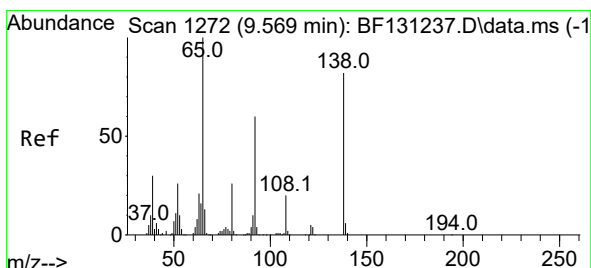
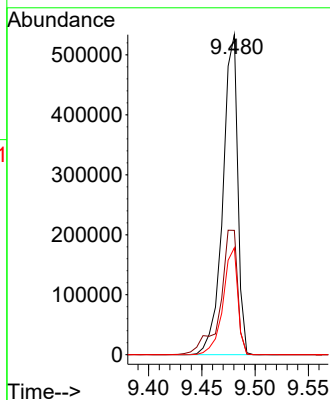
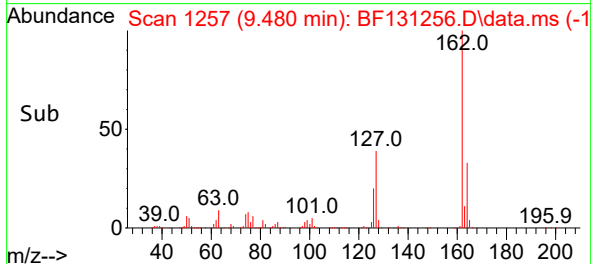
Instrument :
BNA_F
ClientSampleId :
PB148852BS



Tgt Ion: 162 Resp: 518480
Ion Ratio Lower Upper
162 100
127 38.9 34.1 51.1
164 33.4 25.9 38.9

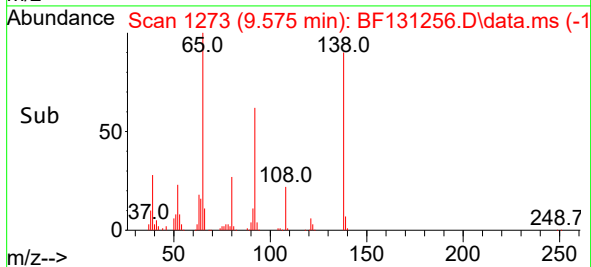
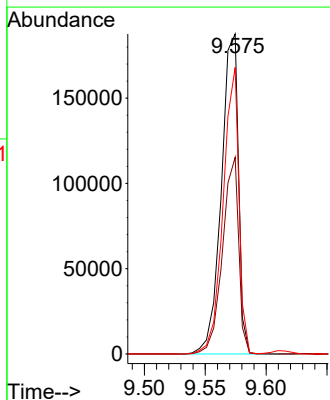
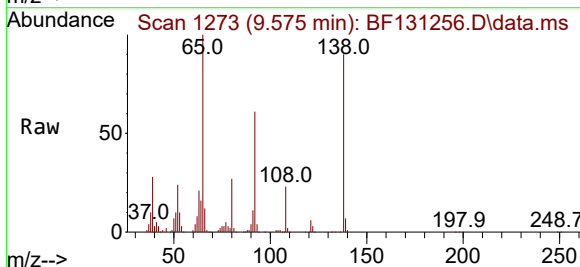
Manual Integrations
APPROVED

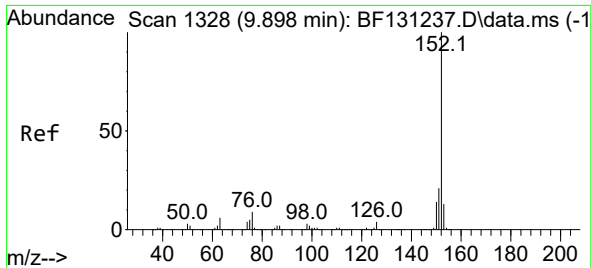
Reviewed By : Christian Giraldo 11/17/2022
Supervised By : mohammad ahmed 11/17/2022



#48
2-Nitroaniline
Concen: 44.297 ng
RT: 9.575 min Scan# 1273
Delta R.T. 0.006 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

Tgt Ion: 65 Resp: 183942
Ion Ratio Lower Upper
65 100
92 61.5 48.2 72.2
138 89.5 65.8 98.8





#49

Acenaphthylene

Concen: 40.297 ng

RT: 9.898 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131256.D

Acq: 16 Nov 2022 10:19

Instrument :

BNA_F

ClientSampleId :

PB148852BS

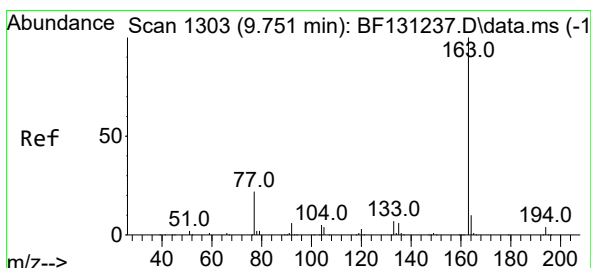
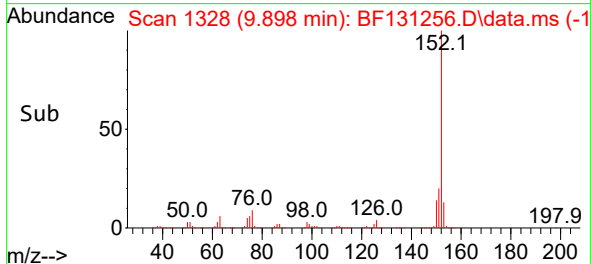
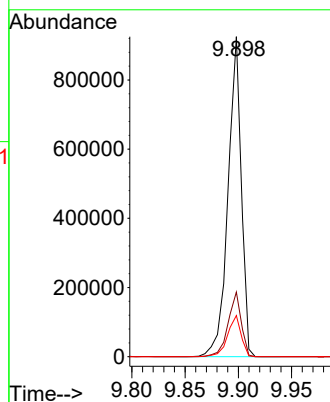
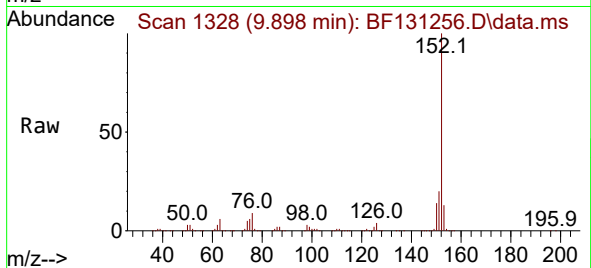
Tgt Ion:152 Resp: 802484

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.4	24.6
153	12.9	10.5	15.7

Manual Integrations

APPROVED

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



#50

Dimethylphthalate

Concen: 40.550 ng

RT: 9.757 min Scan# 1304

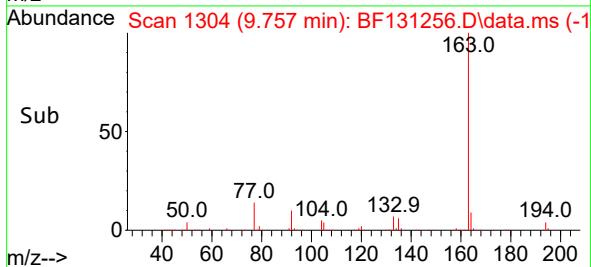
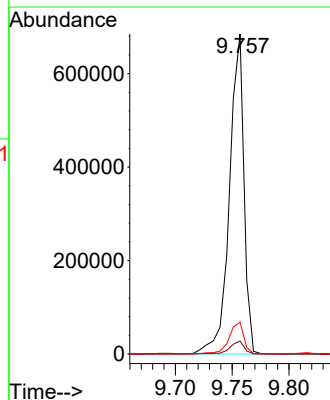
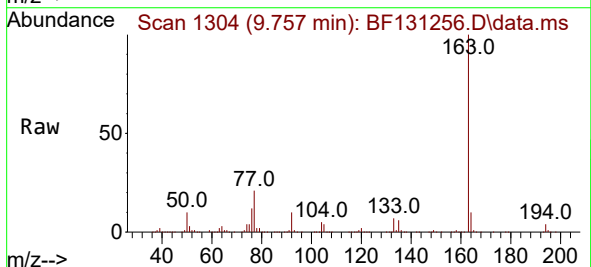
Delta R.T. 0.006 min

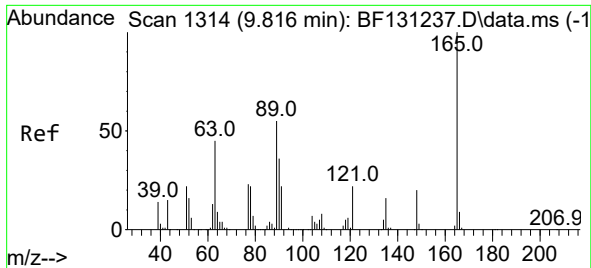
Lab File: BF131256.D

Acq: 16 Nov 2022 10:19

Tgt Ion:163 Resp: 608059

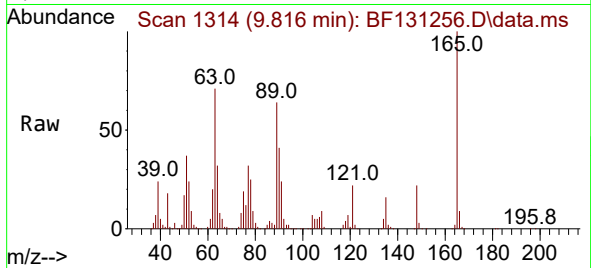
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.0	7.9	11.9





#51
2,6-Dinitrotoluene
Concen: 44.283 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

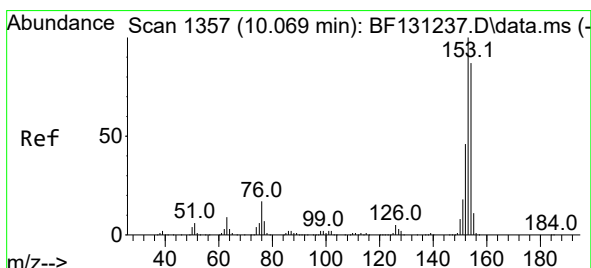
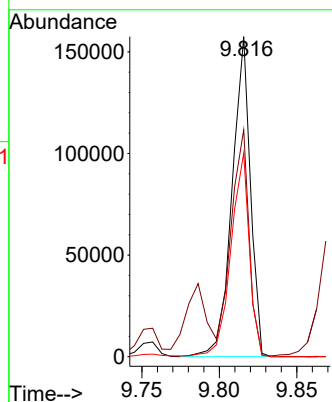
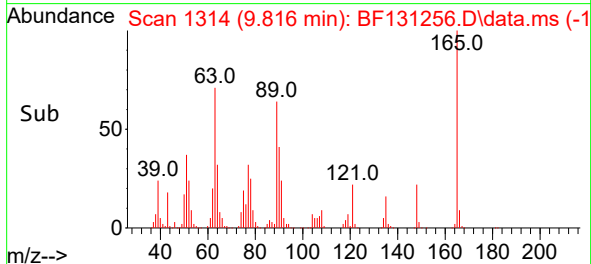
Instrument :
BNA_F
ClientSampleId :
PB148852BS



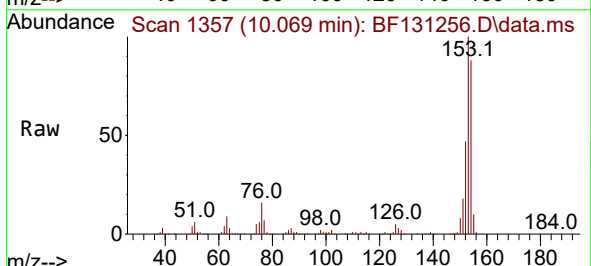
Tgt Ion:165 Resp: 129538
Ion Ratio Lower Upper
165 100
63 70.9 49.8 74.6
89 63.6 44.5 66.7

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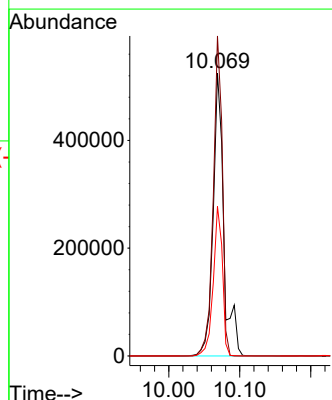
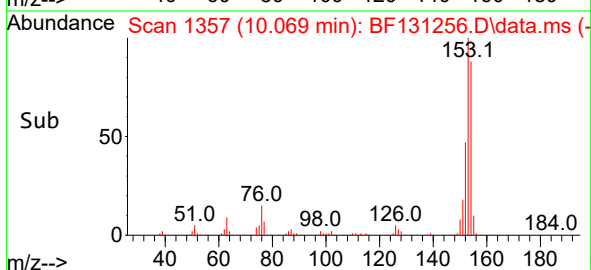
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

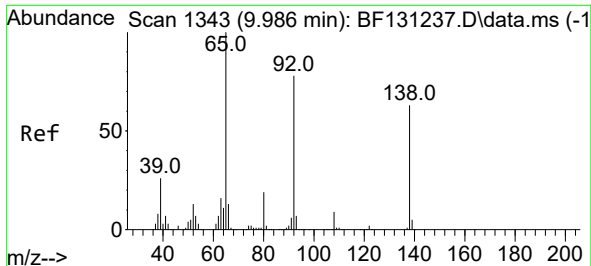


#52
Acenaphthene
Concen: 44.074 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.000 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19



Tgt Ion:154 Resp: 547860
Ion Ratio Lower Upper
154 100
153 113.1 91.4 137.2
152 52.8 42.4 63.6





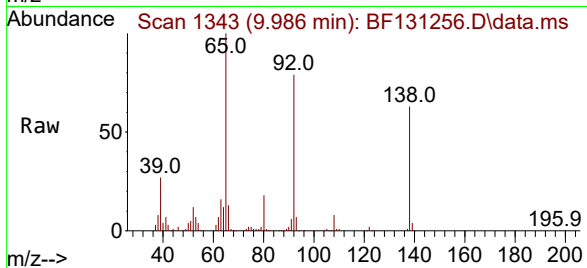
#53
3-Nitroaniline
Concen: 25.408 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.000 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

Instrument :

BNA_F

ClientSampleId :

PB148852BS

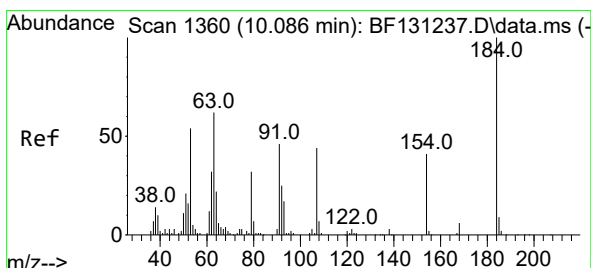
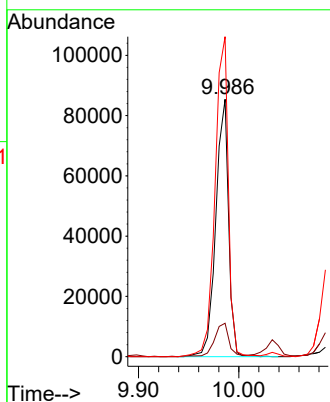
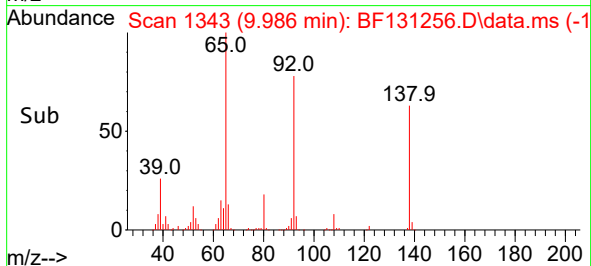


Tgt Ion:138 Resp: 75528
Ion Ratio Lower Upper
138 100
108 13.0 11.4 17.2
92 124.3 98.6 148.0

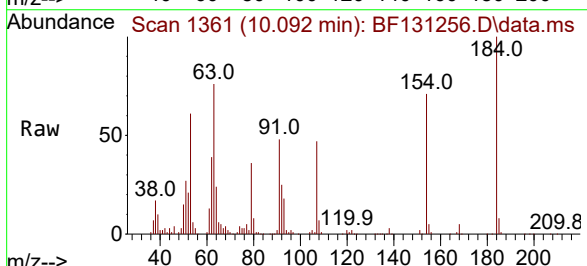
Manual Integrations

APPROVED

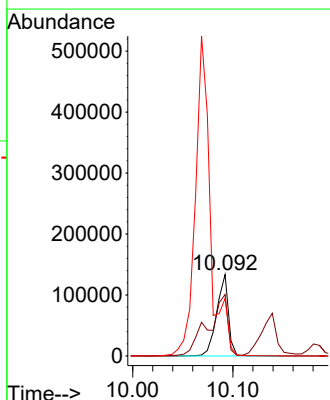
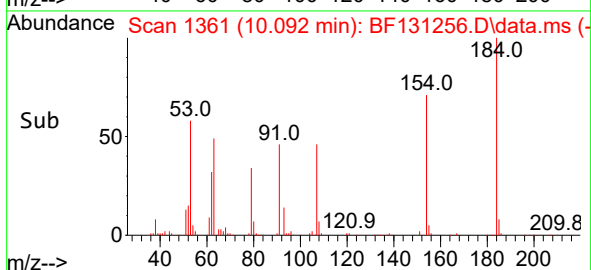
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

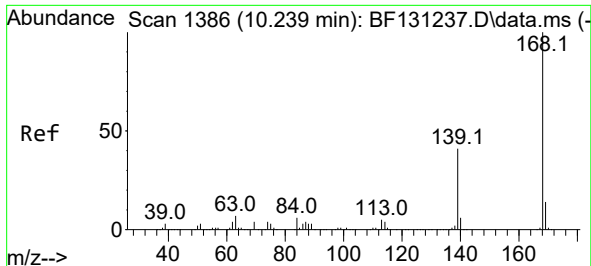


#54
2,4-Dinitrophenol
Concen: 81.027 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19



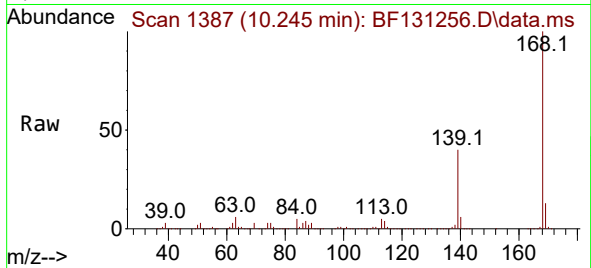
Tgt Ion:184 Resp: 108485
Ion Ratio Lower Upper
184 100
63 75.5 52.5 78.7
154 70.6 54.0 81.0





#55
Dibenzenofuran
Concen: 40.009 ng
RT: 10.245 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

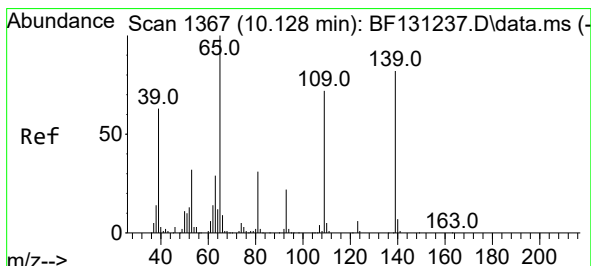
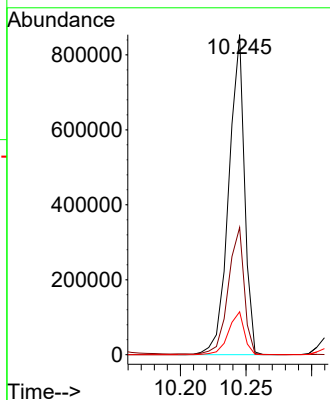
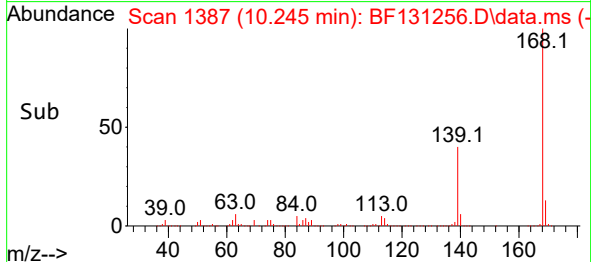
Instrument :
BNA_F
ClientSampleId :
PB148852BS



Tgt Ion:168 Resp: 712544
Ion Ratio Lower Upper
168 100
139 39.8 32.9 49.3
169 13.4 10.8 16.2

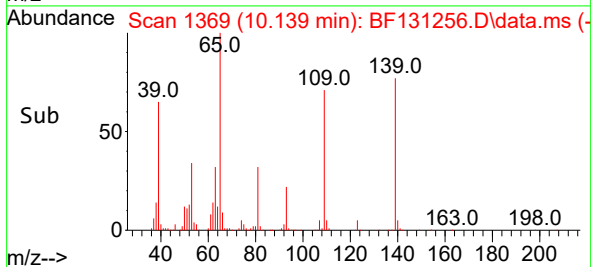
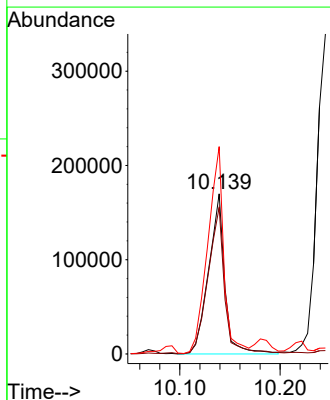
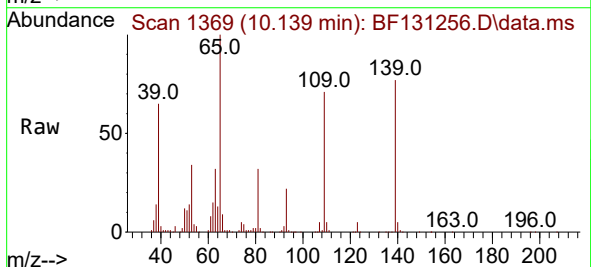
Manual Integrations
APPROVED

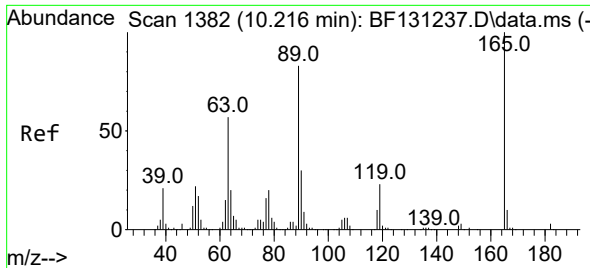
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#56
4-Nitrophenol
Concen: 80.584 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.011 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

Tgt Ion:139 Resp: 190129
Ion Ratio Lower Upper
139 100
109 91.5 68.1 108.1
65 129.4 101.6 141.6





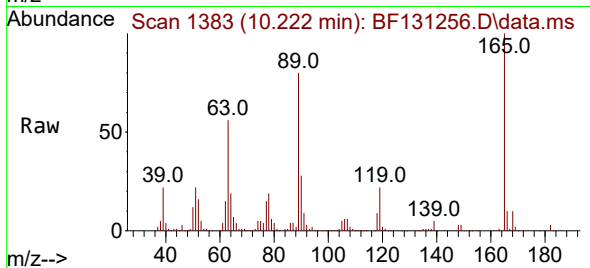
#57
2,4-Dinitrotoluene
Concen: 45.271 ng
RT: 10.222 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

Instrument :

BNA_F

ClientSampleId :

PB148852BS

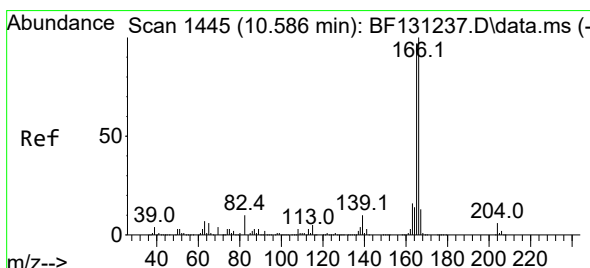
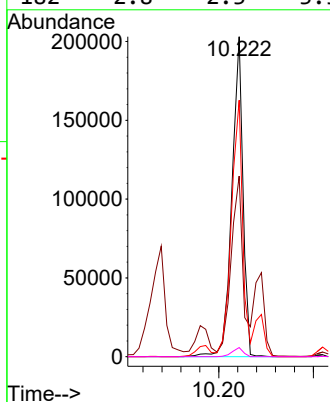
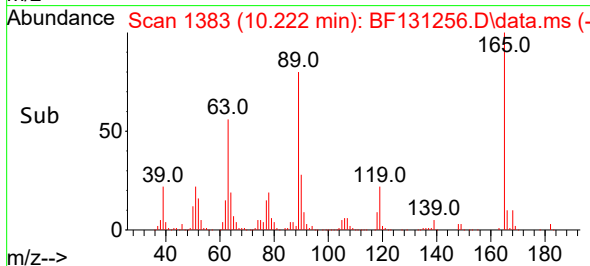


Tgt Ion:165 Resp: 164354
Ion Ratio Lower Upper
165 100
63 56.4 46.0 69.0
89 80.1 66.2 99.4
182 2.8 2.3 3.5

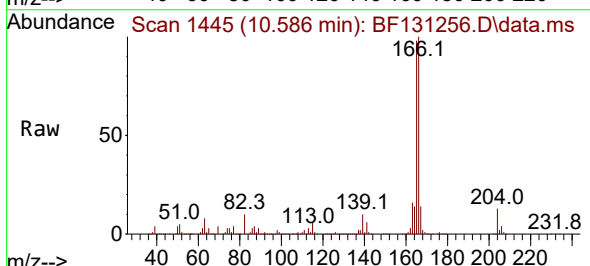
Manual Integrations

APPROVED

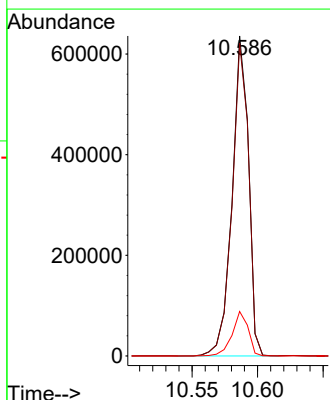
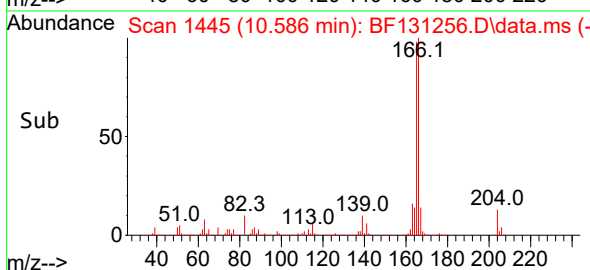
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

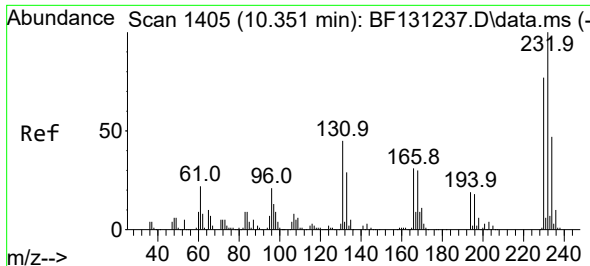


#58
Fluorene
Concen: 39.534 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19



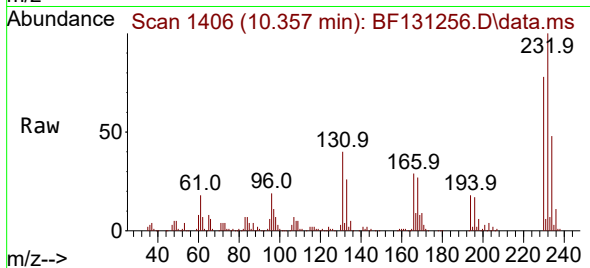
Tgt Ion:166 Resp: 554047
Ion Ratio Lower Upper
166 100
165 97.8 77.4 116.0
167 13.9 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.715 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

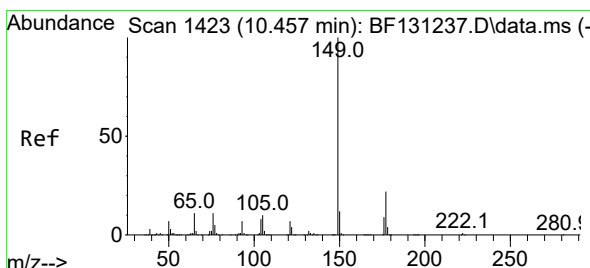
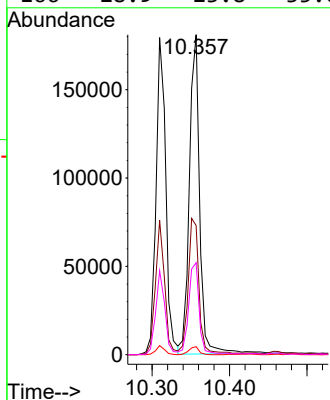
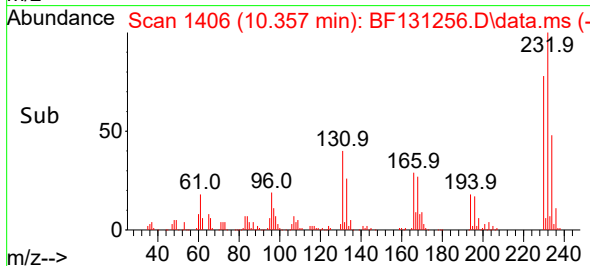
Instrument :
BNA_F
ClientSampleId :
PB148852BS



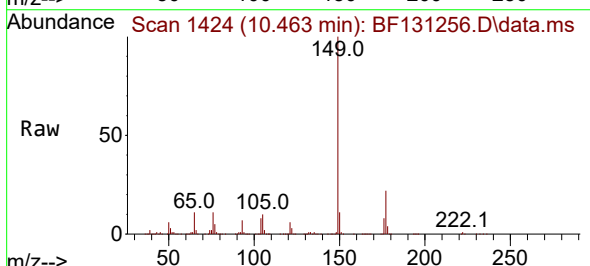
Tgt Ion:232 Resp: 167169
Ion Ratio Lower Upper
232 100
131 43.6 34.6 51.8
130 2.4 1.9 2.9
166 28.9 23.8 35.6

Manual Integrations
APPROVED

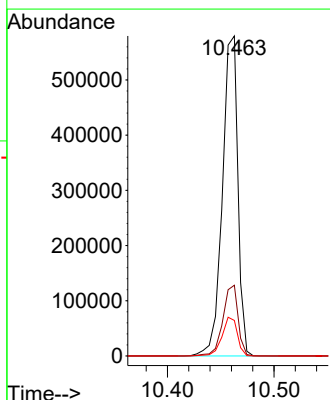
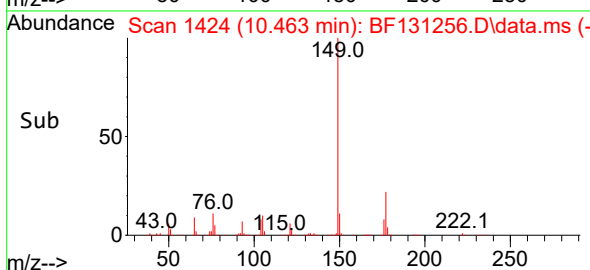
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

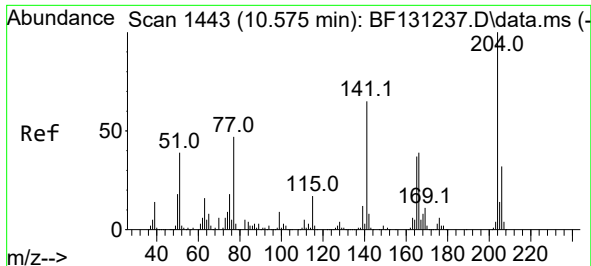


#60
Diethylphthalate
Concen: 41.204 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19



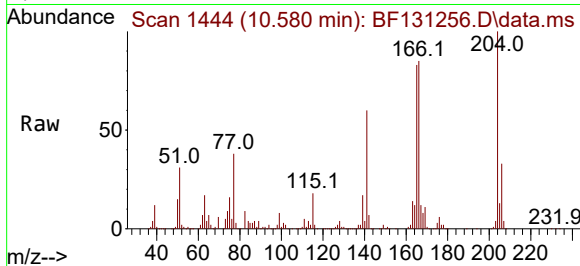
Tgt Ion:149 Resp: 584044
Ion Ratio Lower Upper
149 100
177 22.1 17.9 26.9
150 11.1 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 41.246 ng
RT: 10.580 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

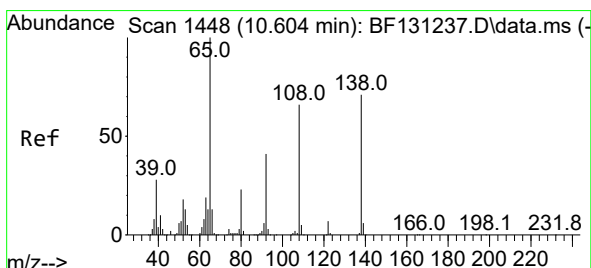
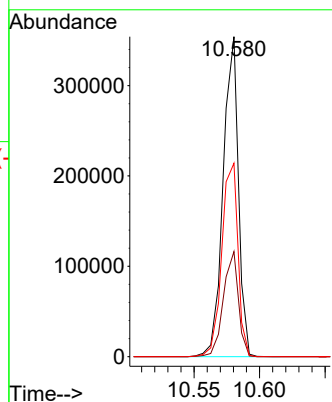
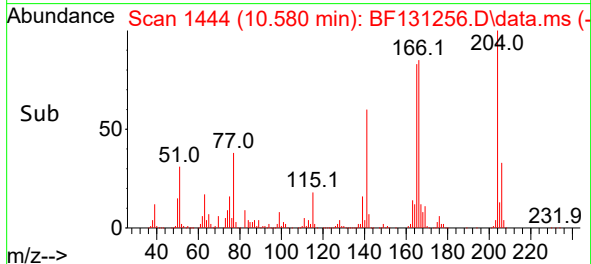
Instrument :
BNA_F
ClientSampleId :
PB148852BS



Tgt Ion:204 Resp: 285818
Ion Ratio Lower Upper
204 100
206 32.9 25.8 38.8
141 60.5 52.1 78.1

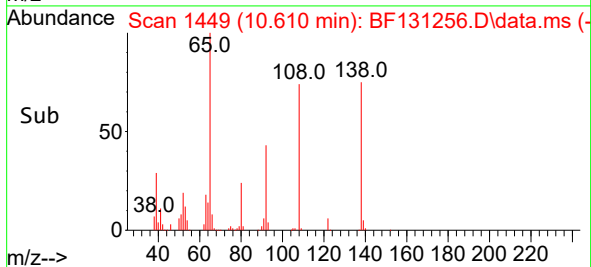
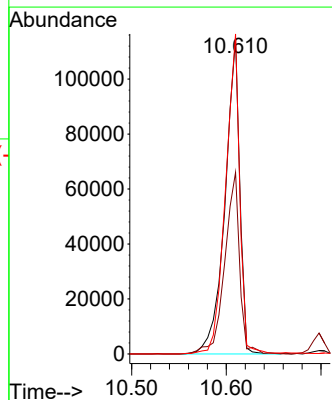
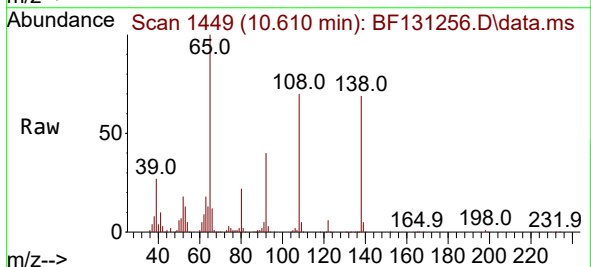
Manual Integrations
APPROVED

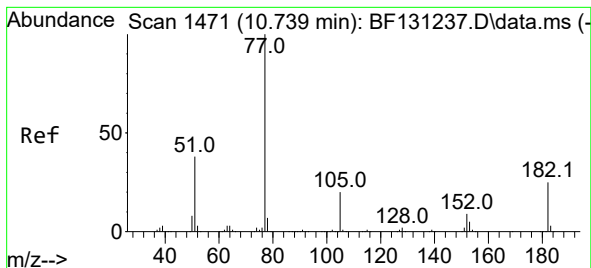
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#62
4-Nitroaniline
Concen: 40.535 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

Tgt Ion:138 Resp: 124386
Ion Ratio Lower Upper
138 100
92 57.6 37.6 77.6
108 101.5 73.2 113.2





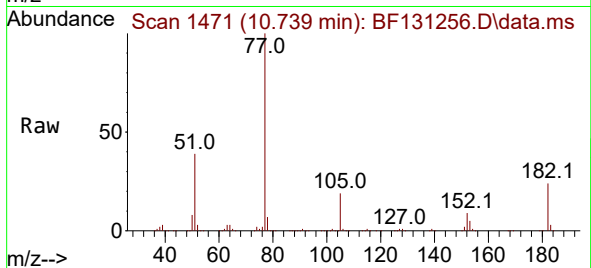
#63
Azobenzene
Concen: 40.600 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

Instrument :

BNA_F

ClientSampleId :

PB148852BS

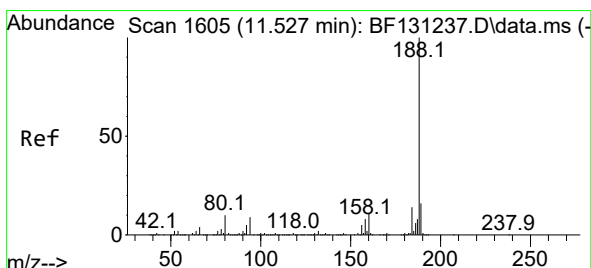
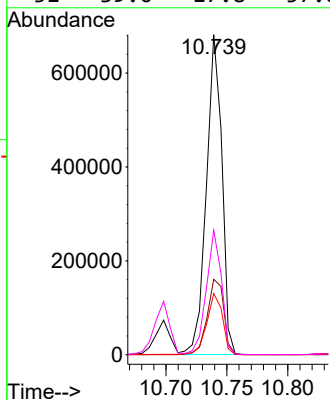
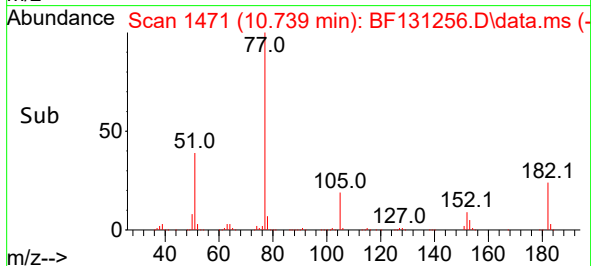


Tgt Ion: 77 Resp: 60253
Ion Ratio Lower Upper
77 100
182 23.6 5.0 45.0
105 19.1 0.1 40.1
51 39.0 17.8 57.8

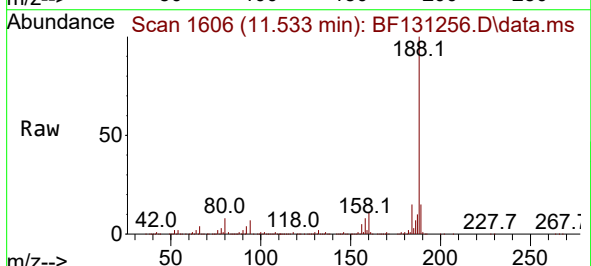
Manual Integrations

APPROVED

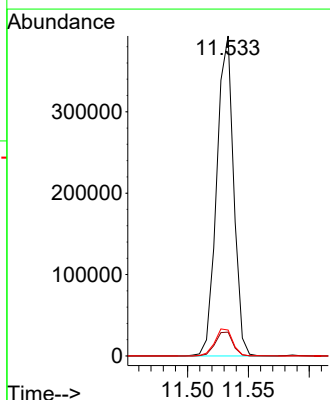
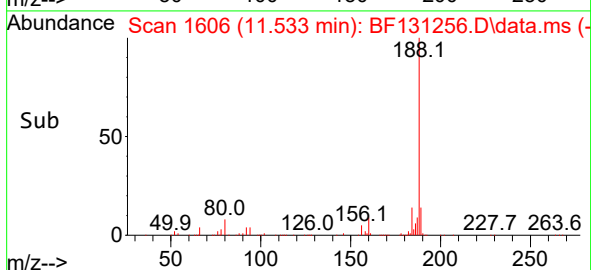
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

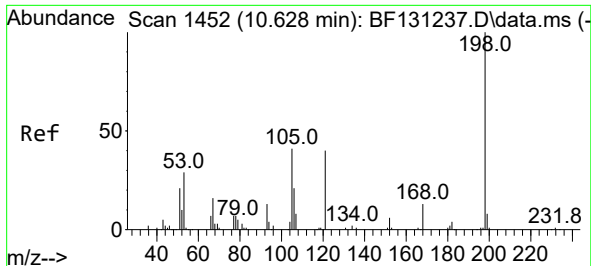


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.533 min Scan# 1606
Delta R.T. 0.006 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19



Tgt Ion:188 Resp: 380314
Ion Ratio Lower Upper
188 100
94 7.5 6.8 10.2
80 8.1 8.0 12.0





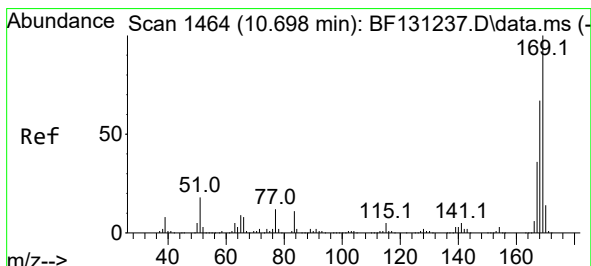
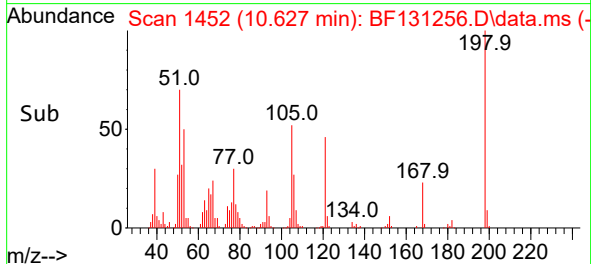
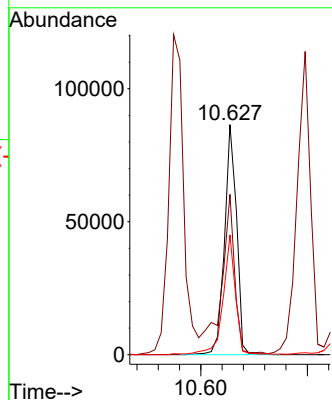
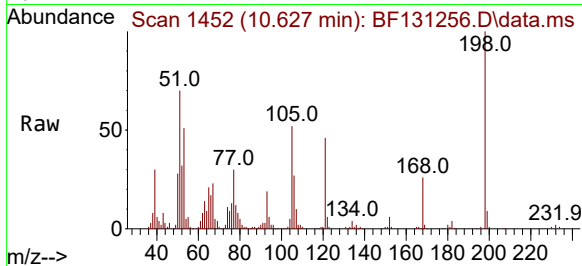
#65
4,6-Dinitro-2-methylphenol
Concen: 40.873 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.001 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

Instrument :
BNA_F
ClientSampleId :
PB148852BS

Tgt Ion:198 Resp: 67484
Ion Ratio Lower Upper
198 100
51 69.7 29.4 69.4
105 52.0 22.2 62.2

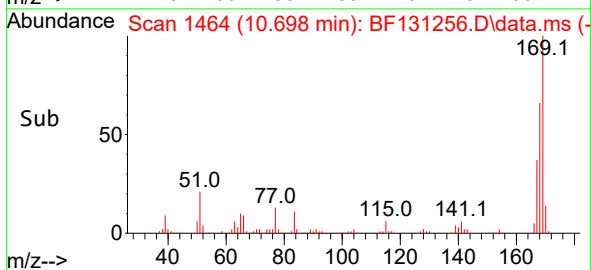
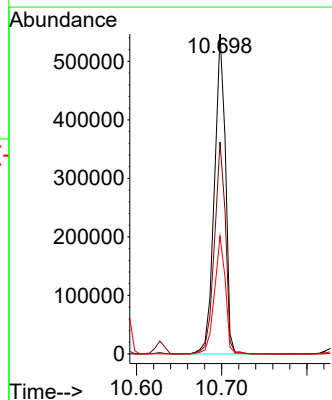
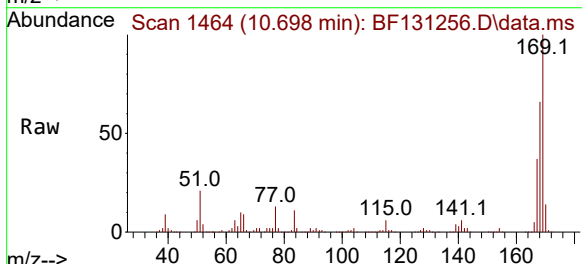
Manual Integrations
APPROVED

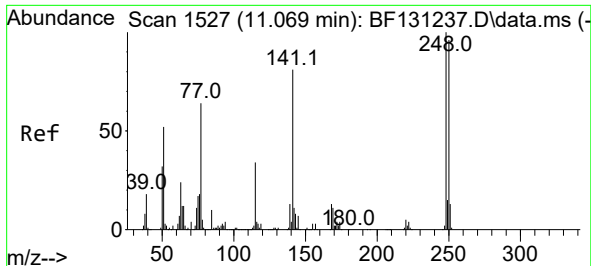
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#66
n-Nitrosodiphenylamine
Concen: 40.839 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

Tgt Ion:169 Resp: 493459
Ion Ratio Lower Upper
169 100
168 66.2 53.4 80.0
167 36.8 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 42.148 ng
RT: 11.074 min Scan# 1527
Delta R.T. 0.006 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

Instrument :

BNA_F

ClientSampleId :

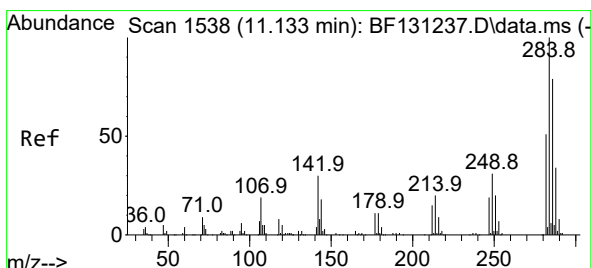
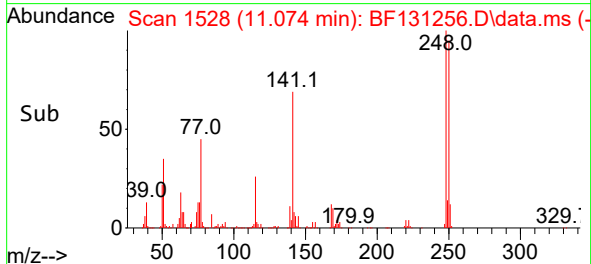
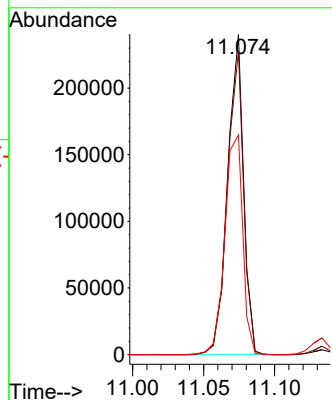
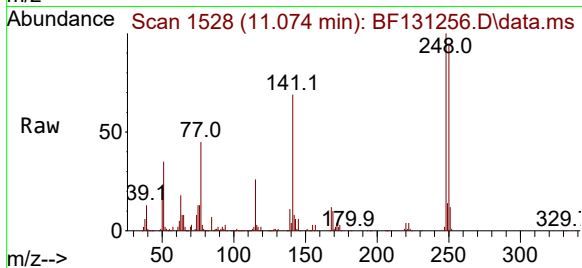
PB148852BS

Tgt Ion:248 Resp: 188210
Ion Ratio Lower Upper
248 100
250 94.9 76.6 114.8
141 68.7 64.7 97.1

Manual Integrations

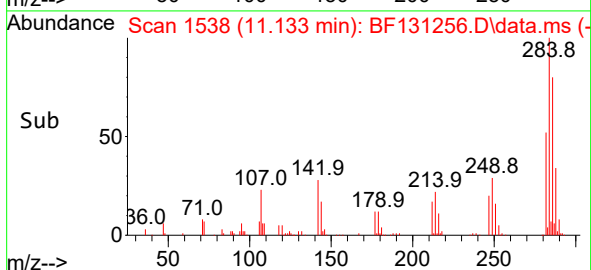
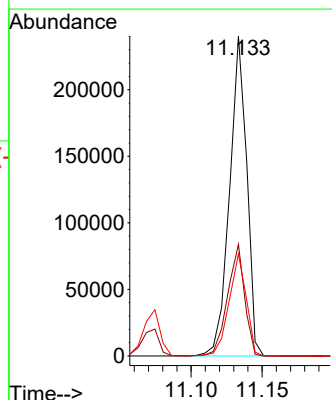
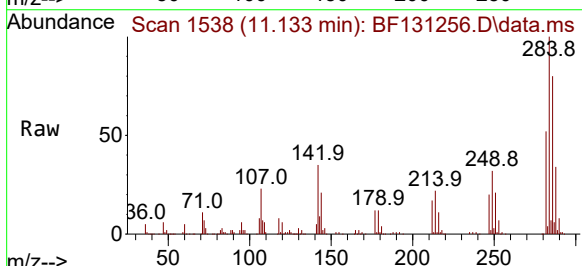
APPROVED

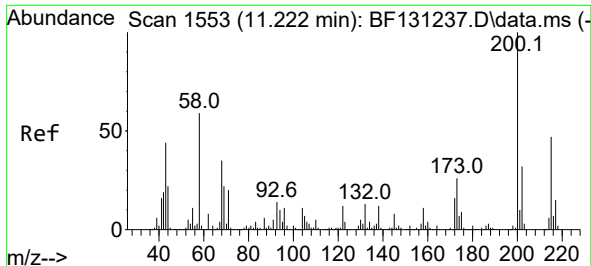
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#68
Hexachlorobenzene
Concen: 41.790 ng
RT: 11.133 min Scan# 1538
Delta R.T. -0.000 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

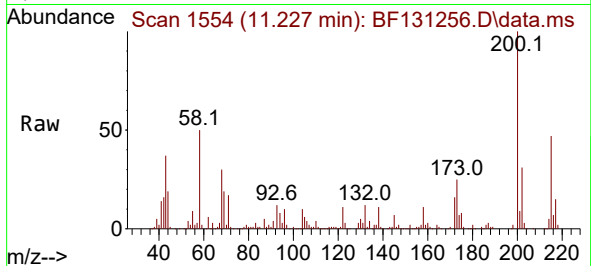
Tgt Ion:284 Resp: 202236
Ion Ratio Lower Upper
284 100
142 34.9 24.3 36.5
249 31.9 24.8 37.2





#69
 Atrazine
 Concen: 42.915 ng
 RT: 11.227 min Scan# 1553
 Delta R.T. 0.006 min
 Lab File: BF131256.D
 Acq: 16 Nov 2022 10:19

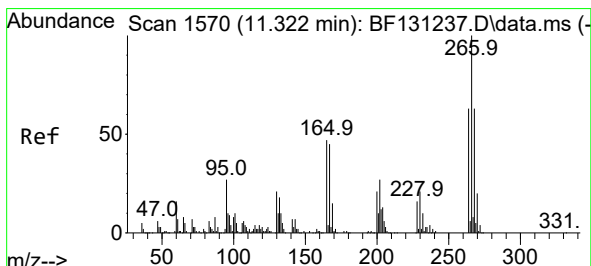
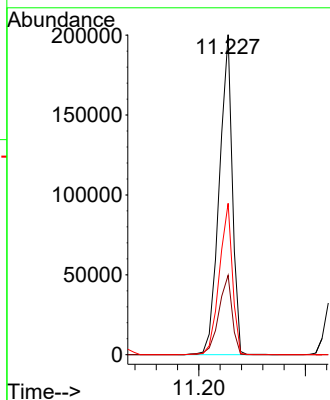
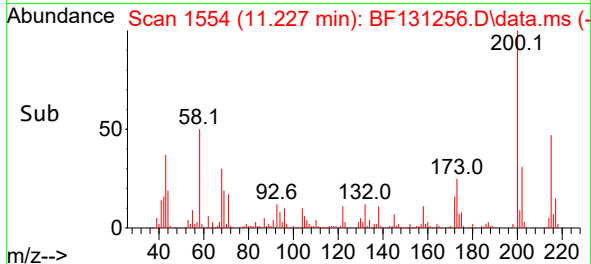
Instrument :
 BNA_F
 ClientSampleId :
 PB148852BS



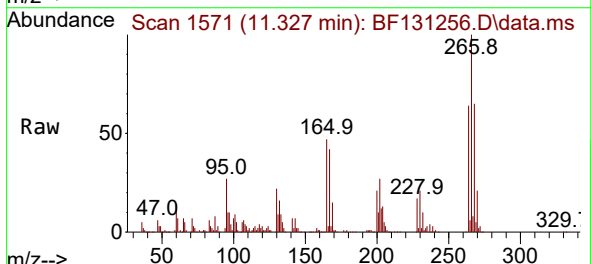
Tgt Ion:200 Resp: 169960
 Ion Ratio Lower Upper
 200 100
 173 24.8 6.4 46.4
 215 47.3 26.5 66.5

Manual Integrations
 APPROVED

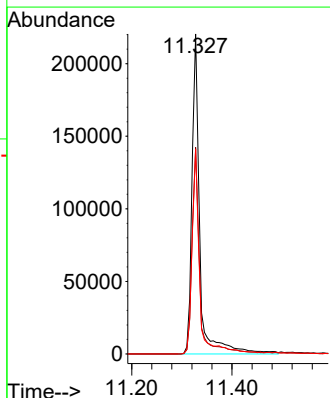
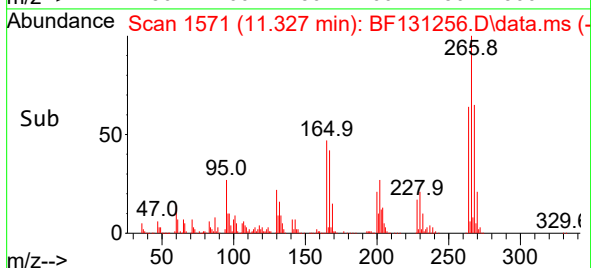
Reviewed By :Christian Giraldo 11/17/2022
 Supervised By :mohammad ahmed 11/17/2022

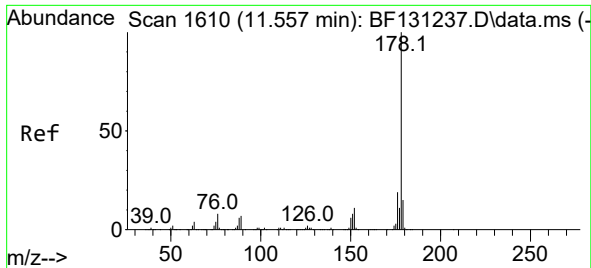


#70
 Pentachlorophenol
 Concen: 84.582 ng
 RT: 11.327 min Scan# 1571
 Delta R.T. 0.006 min
 Lab File: BF131256.D
 Acq: 16 Nov 2022 10:19



Tgt Ion:266 Resp: 238910
 Ion Ratio Lower Upper
 266 100
 268 64.5 50.5 75.7
 264 64.0 50.4 75.6





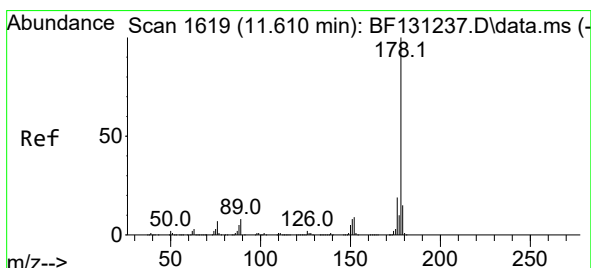
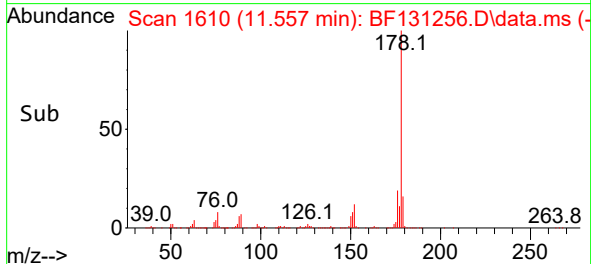
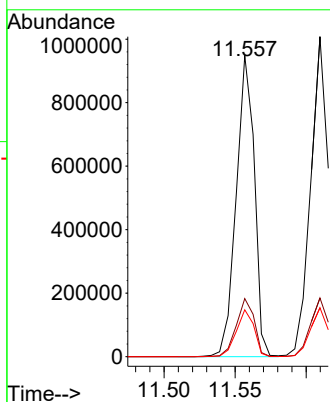
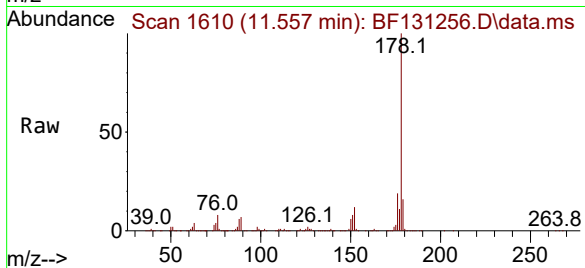
#71
Phenanthrene
Concen: 40.297 ng
RT: 11.557 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

Instrument :
BNA_F
ClientSampleId :
PB148852BS

Tgt Ion:178 Resp: 84578
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.6 12.1 18.1

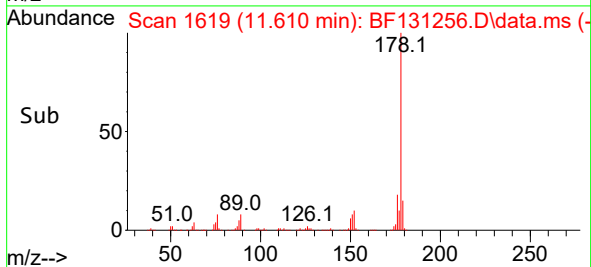
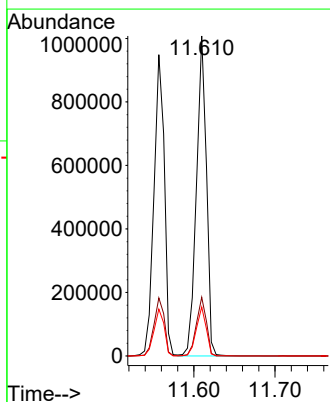
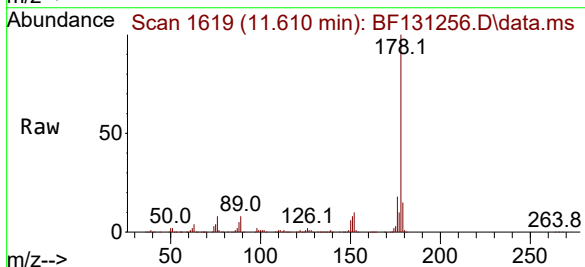
Manual Integrations
APPROVED

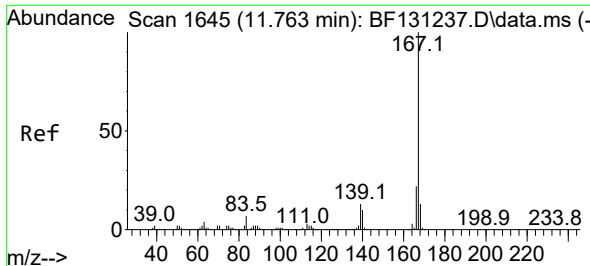
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#72
Anthracene
Concen: 42.351 ng
RT: 11.610 min Scan# 1619
Delta R.T. -0.000 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

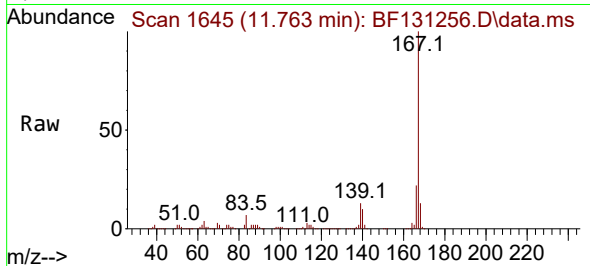
Tgt Ion:178 Resp: 868346
Ion Ratio Lower Upper
178 100
176 18.4 15.2 22.8
179 15.3 12.2 18.2





#73
 Carbazole
 Concen: 41.905 ng
 RT: 11.763 min Scan# 1645
 Delta R.T. -0.000 min
 Lab File: BF131256.D
 Acq: 16 Nov 2022 10:19

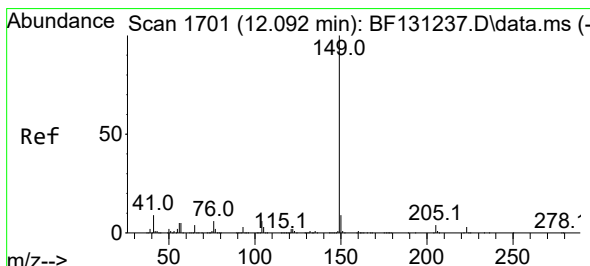
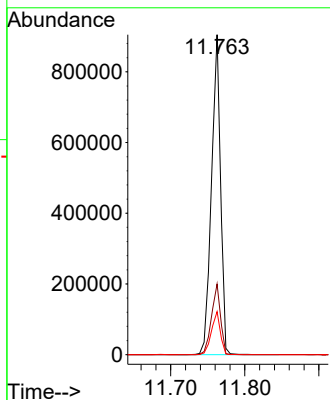
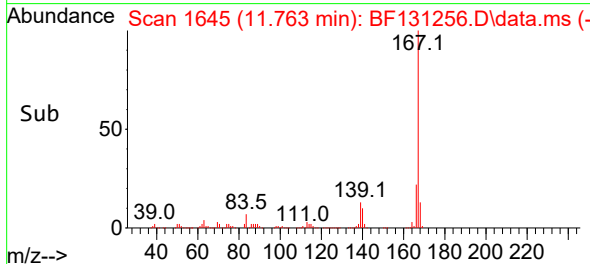
Instrument :
 BNA_F
 ClientSampleId :
 PB148852BS



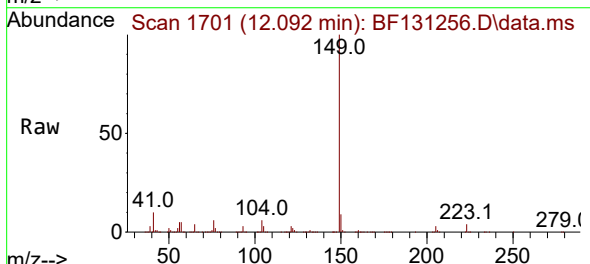
Tgt Ion:167 Resp: 769082
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.3 25.9
 139 13.4 10.3 15.5

Manual Integrations
 APPROVED

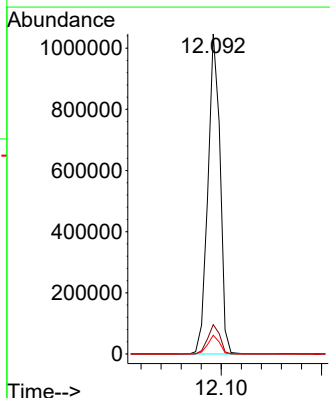
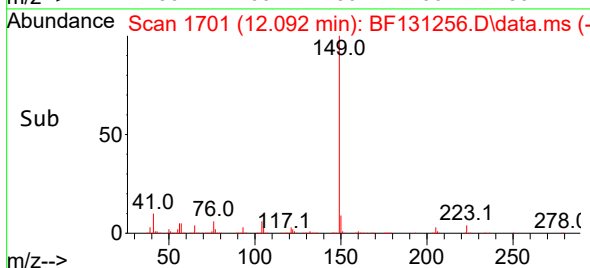
Reviewed By :Christian Giraldo 11/17/2022
 Supervised By :mohammad ahmed 11/17/2022

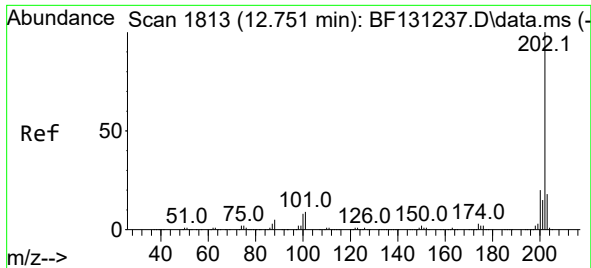


#74
 Di-n-butylphthalate
 Concen: 41.338 ng
 RT: 12.092 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: BF131256.D
 Acq: 16 Nov 2022 10:19



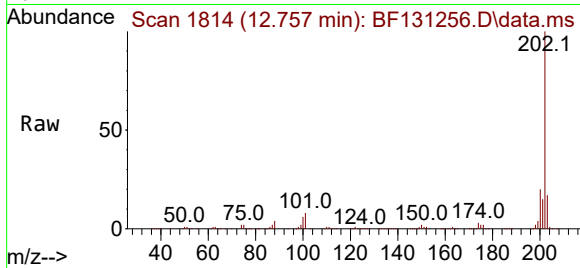
Tgt Ion:149 Resp: 882950
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.8 4.5 6.7





#75
Fluoranthene
Concen: 41.715 ng
RT: 12.757 min Scan# 1814
Delta R.T. 0.006 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

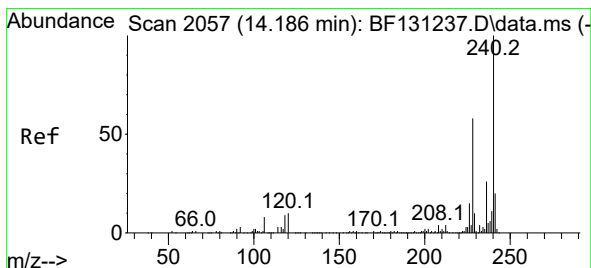
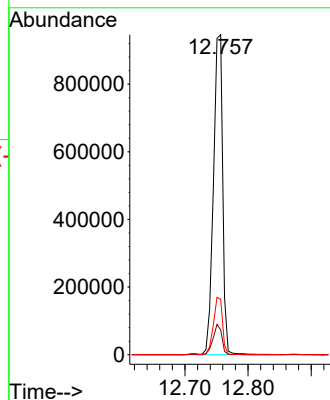
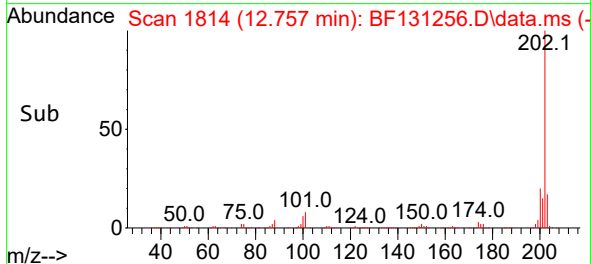
Instrument :
BNA_F
ClientSampleId :
PB148852BS



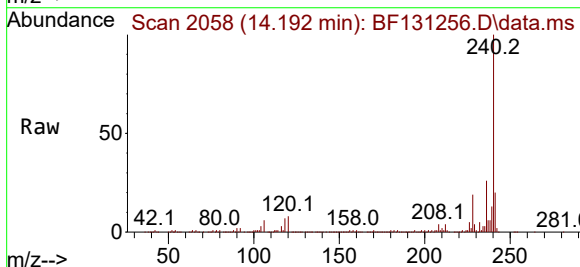
Tgt Ion:202 Resp: 965620
Ion Ratio Lower Upper
202 100
101 7.7 0.0 29.4
203 17.3 0.0 37.7

Manual Integrations
APPROVED

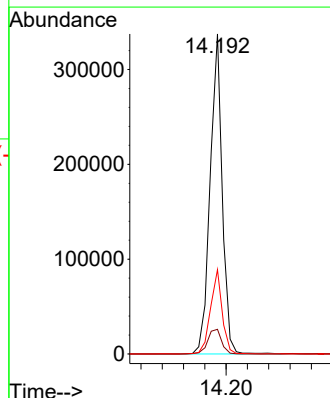
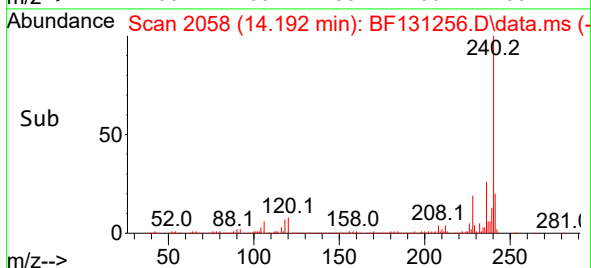
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

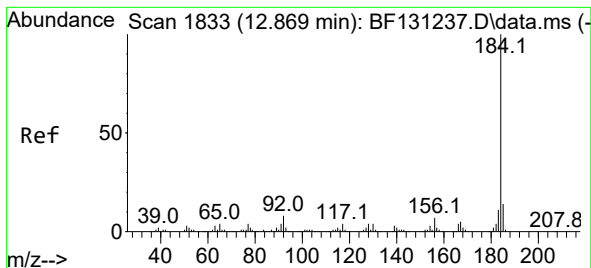


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.192 min Scan# 2058
Delta R.T. 0.006 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19



Tgt Ion:240 Resp: 266320
Ion Ratio Lower Upper
240 100
120 7.7 7.8 11.6#
236 26.3 20.6 31.0





#77

Benzidine

Concen: 31.585 ng

RT: 12.874 min Scan# 1834

Delta R.T. 0.005 min

Lab File: BF131256.D

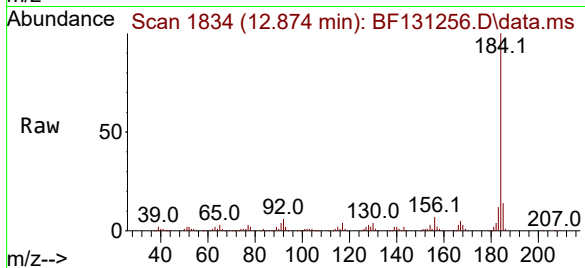
Acq: 16 Nov 2022 10:19

Instrument :

BNA_F

ClientSampleId :

PB148852BS



Tgt Ion:184 Resp: 180258

Ion Ratio Lower Upper

184 100

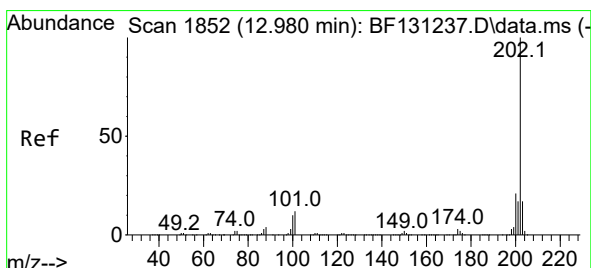
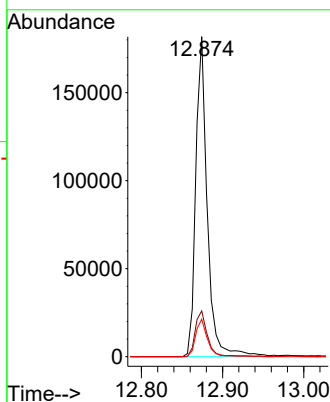
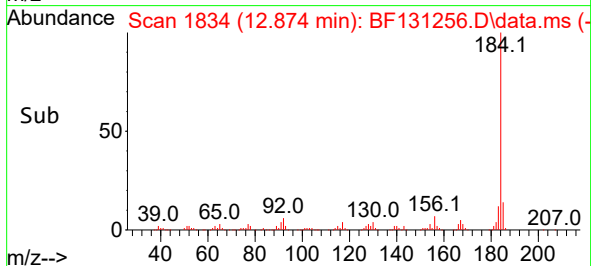
185 14.3 11.4 17.2

183 11.7 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: 42.341 ng

RT: 12.986 min Scan# 1853

Delta R.T. 0.006 min

Lab File: BF131256.D

Acq: 16 Nov 2022 10:19

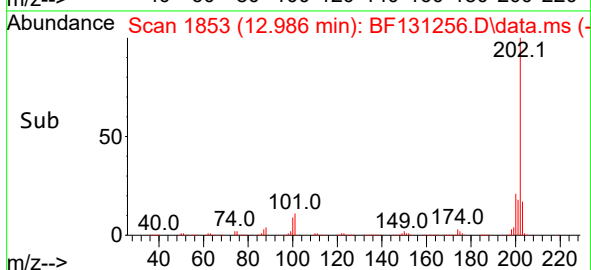
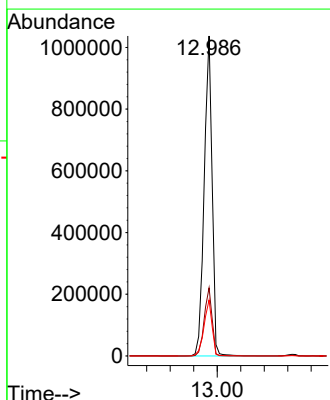
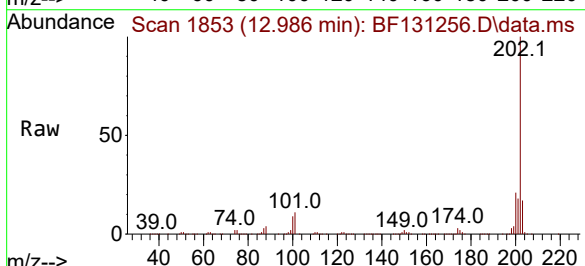
Tgt Ion:202 Resp: 972039

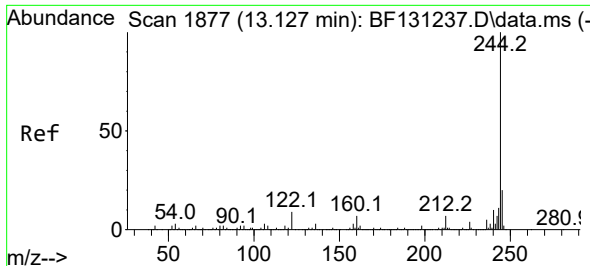
Ion Ratio Lower Upper

202 100

200 21.3 16.4 24.6

203 17.5 14.0 21.0





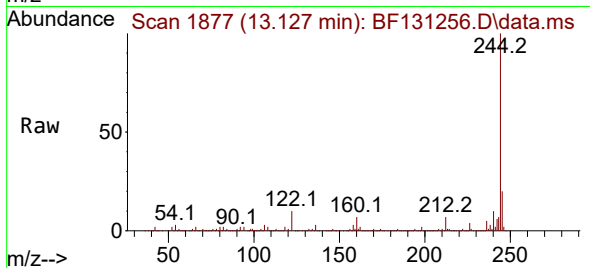
#79
 Terphenyl-d14
 Concen: 91.506 ng
 RT: 13.127 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: BF131256.D
 Acq: 16 Nov 2022 10:19

Instrument :

BNA_F

ClientSampleId :

PB148852BS

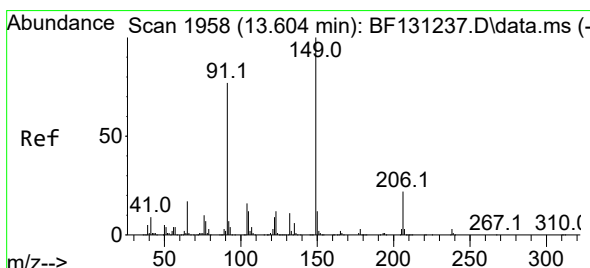
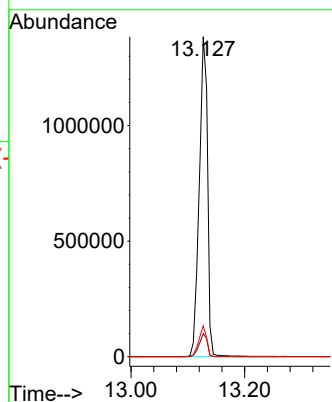
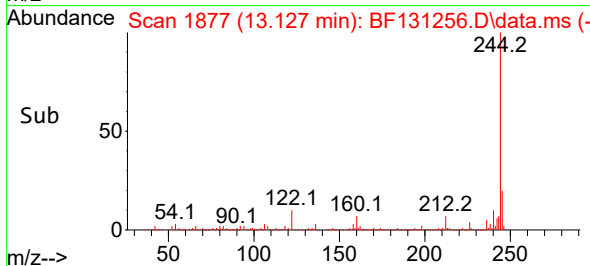


Tgt Ion:244 Resp: 1419100
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.6 7.4 11.2

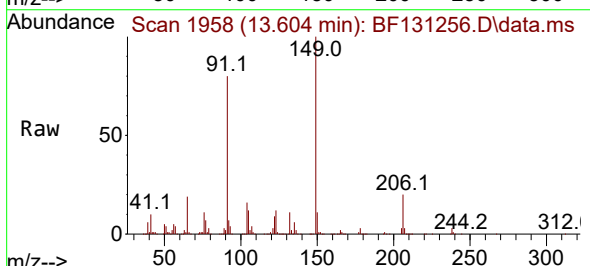
Manual Integrations

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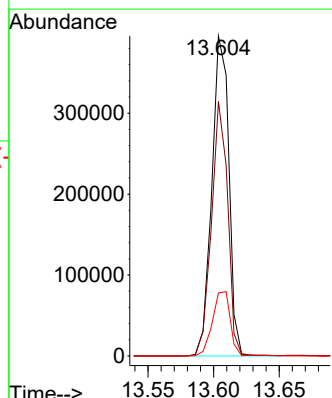
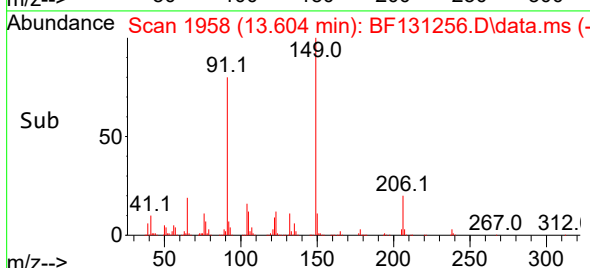
Reviewed By :Christian Giraldo 11/17/2022
 Supervised By :mohammad ahmed 11/17/2022

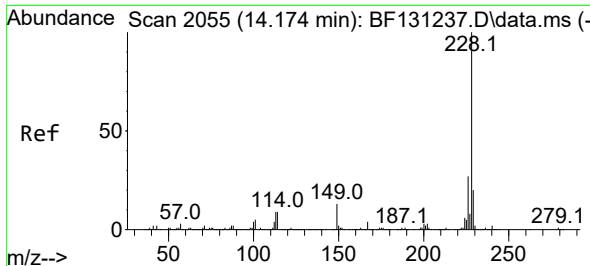


#80
 Butylbenzylphthalate
 Concen: 45.923 ng
 RT: 13.604 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: BF131256.D
 Acq: 16 Nov 2022 10:19



Tgt Ion:149 Resp: 357296
 Ion Ratio Lower Upper
 149 100
 91 79.5 61.5 92.3
 206 19.7 17.4 26.2





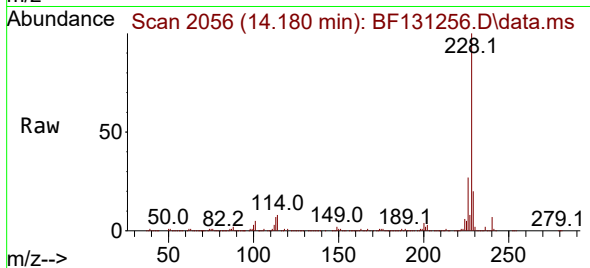
#81
Benzo(a)anthracene
Concen: 40.607 ng
RT: 14.180 min Scan# 2056
Delta R.T. 0.006 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

Instrument :

BNA_F

ClientSampleId :

PB148852BS

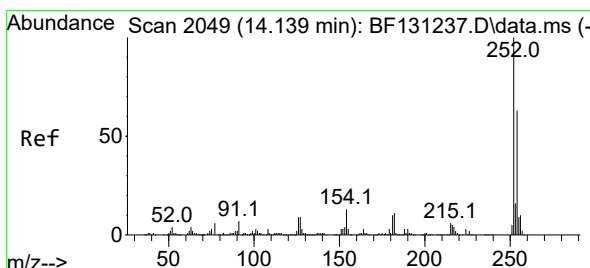
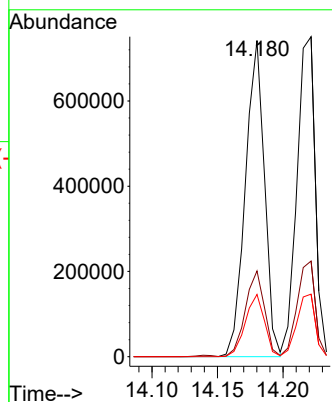
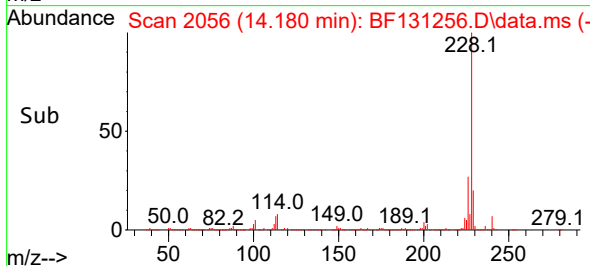


Tgt Ion:228 Resp: 75158
Ion Ratio Lower Upper
228 100
226 27.1 21.3 31.9
229 19.7 15.8 23.6

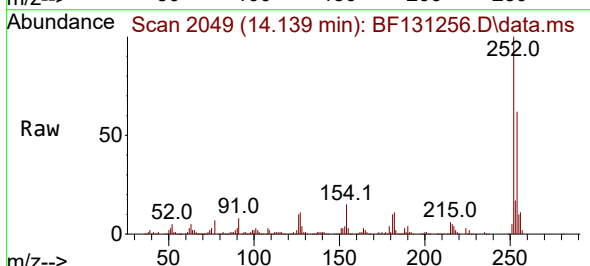
Manual Integrations

APPROVED

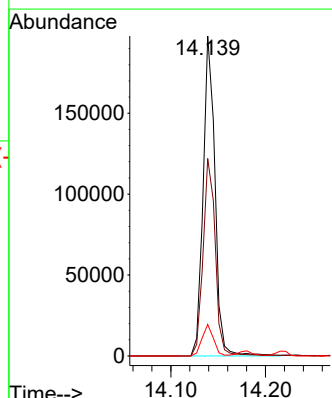
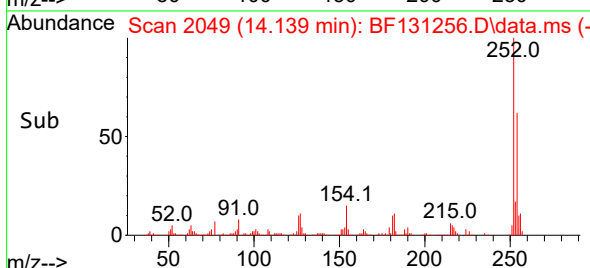
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

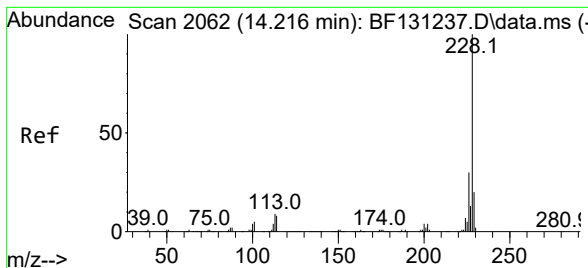


#82
3,3'-Dichlorobenzidine
Concen: 31.713 ng
RT: 14.139 min Scan# 2049
Delta R.T. -0.000 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19



Tgt Ion:252 Resp: 171751
Ion Ratio Lower Upper
252 100
254 61.7 50.2 75.4
126 9.8 7.4 11.2





#83

Chrysene

Concen: 40.413 ng

RT: 14.221 min Scan# 2063

Delta R.T. 0.006 min

Lab File: BF131256.D

Acq: 16 Nov 2022 10:19

Instrument :

BNA_F

ClientSampleId :

PB148852BS

Tgt Ion:228 Resp: 72868

Ion Ratio Lower Upper

228 100

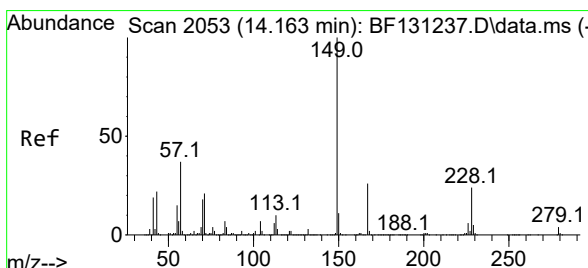
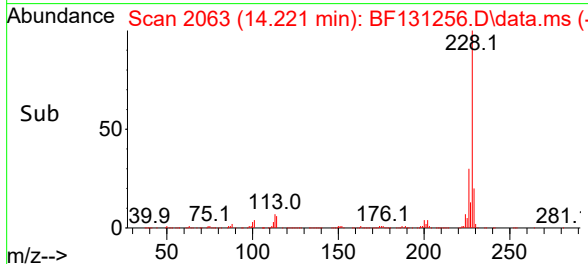
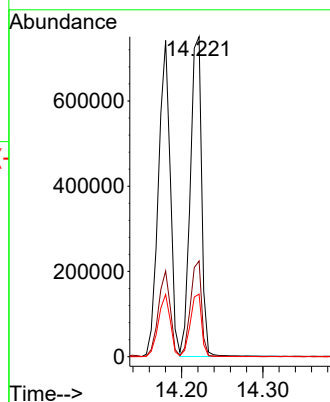
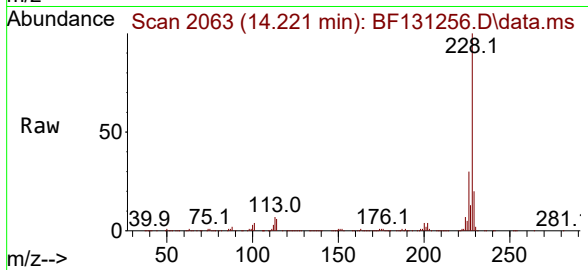
226 29.9 23.8 35.6

229 19.6 15.9 23.9

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.772 ng

RT: 14.168 min Scan# 2054

Delta R.T. 0.006 min

Lab File: BF131256.D

Acq: 16 Nov 2022 10:19

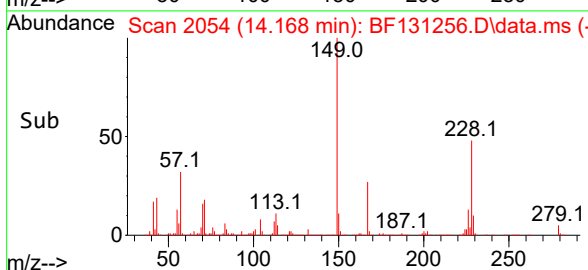
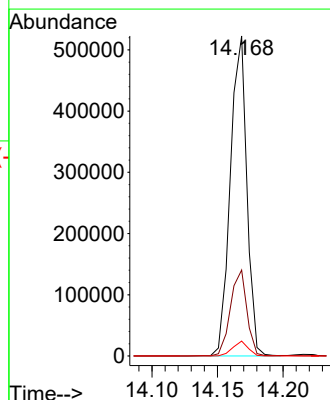
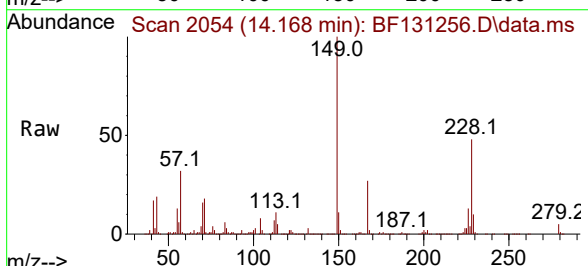
Tgt Ion:149 Resp: 457662

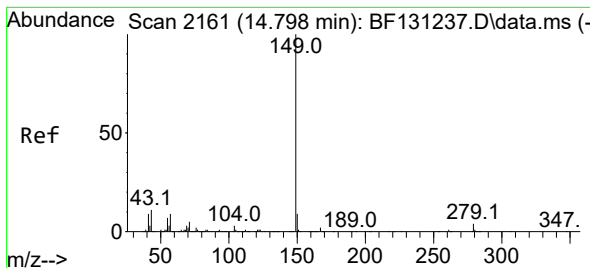
Ion Ratio Lower Upper

149 100

167 26.8 20.9 31.3

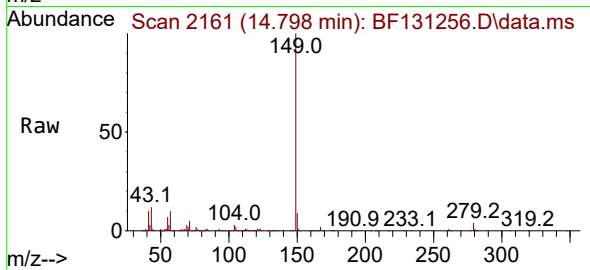
279 4.7 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 48.053 ng
RT: 14.798 min Scan# 2161
Delta R.T. -0.000 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

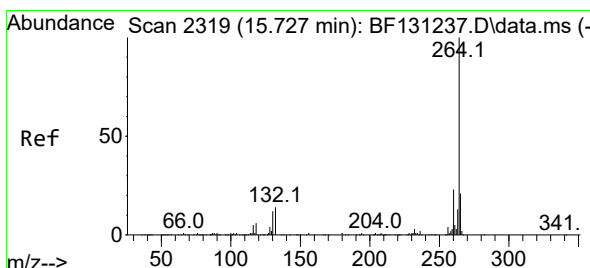
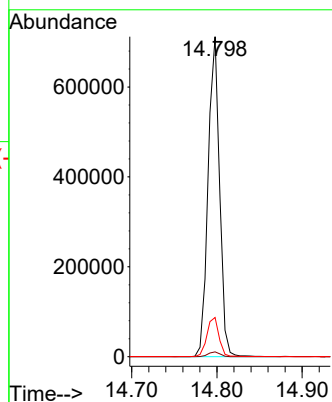
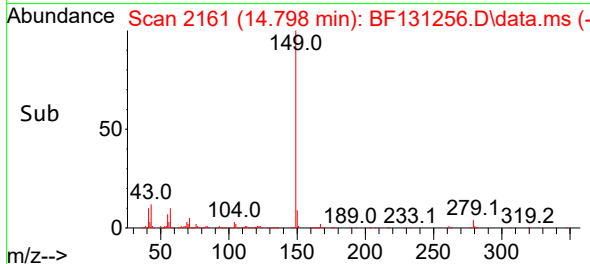
Instrument :
BNA_F
ClientSampleId :
PB148852BS



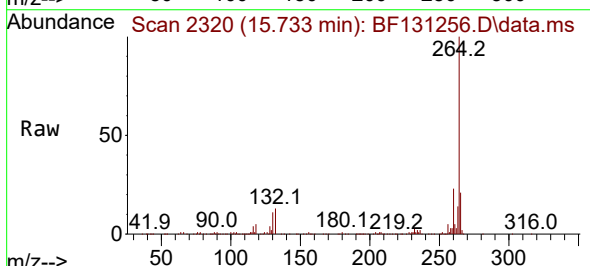
Tgt Ion:149 Resp: 664458
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 12.8 10.1 15.1

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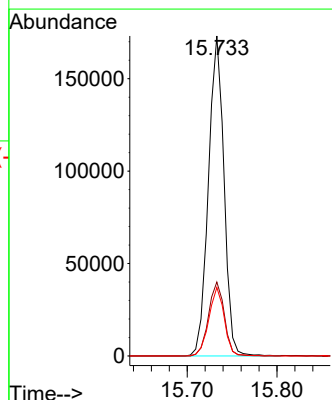
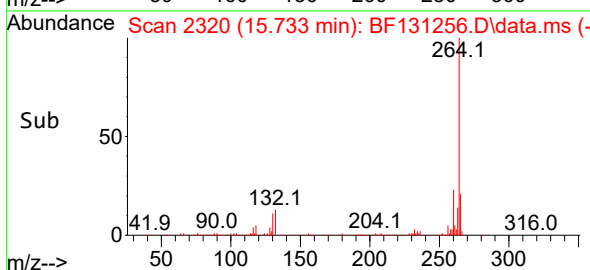
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

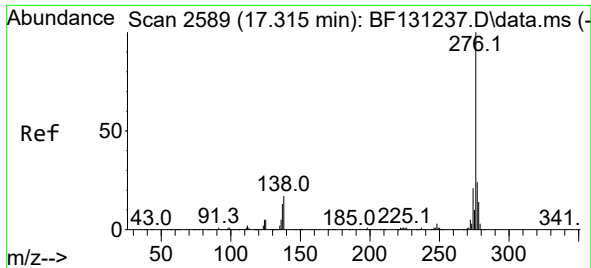


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.733 min Scan# 2320
Delta R.T. 0.006 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19



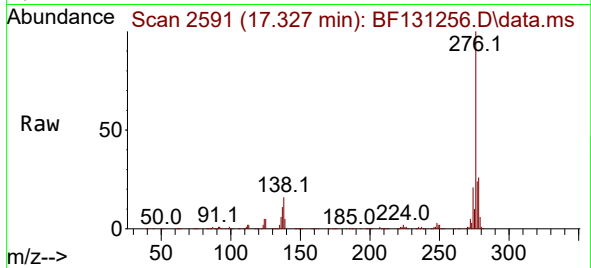
Tgt Ion:264 Resp: 208518
Ion Ratio Lower Upper
264 100
260 23.1 18.6 27.8
265 21.4 16.6 24.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.106 ng
RT: 17.327 min Scan# 2591
Delta R.T. 0.012 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

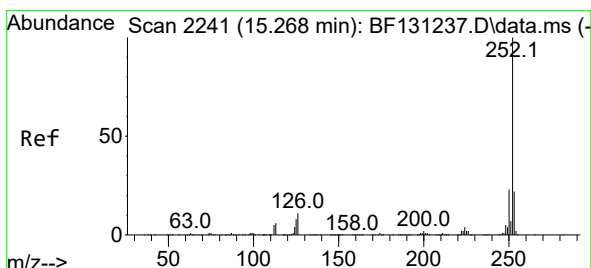
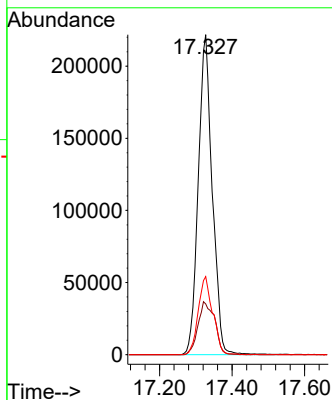
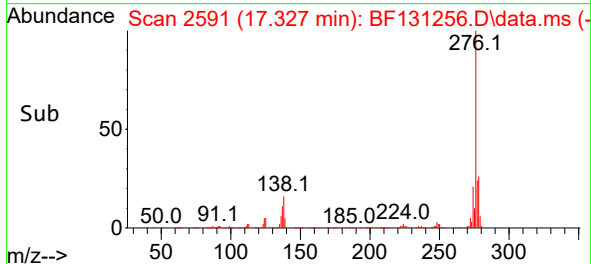
Instrument :
BNA_F
ClientSampleId :
PB148852BS



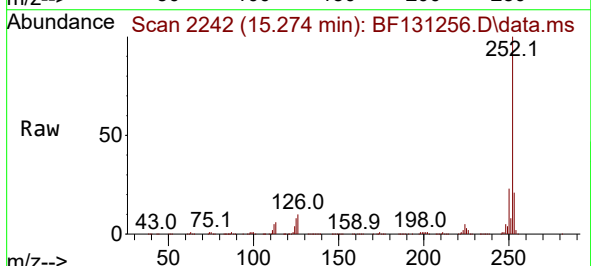
Tgt Ion:276 Resp: 593799
Ion Ratio Lower Upper
276 100
138 19.8 16.6 24.8
277 25.3 20.2 30.2

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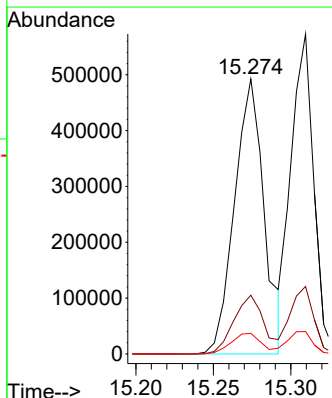
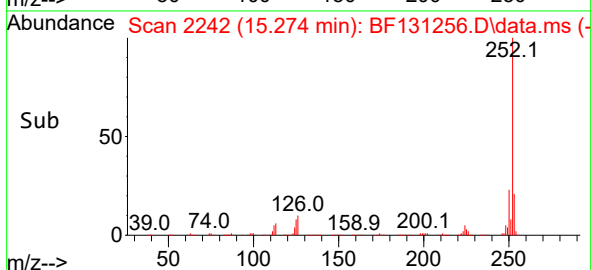
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

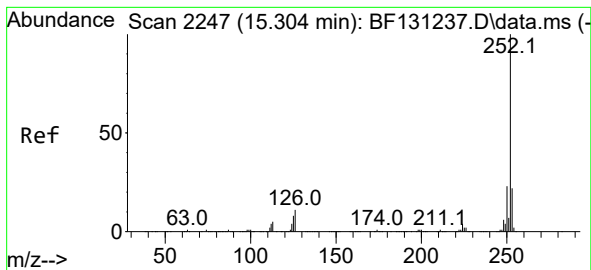


#88
Benzo(b)fluoranthene
Concen: 44.941 ng
RT: 15.274 min Scan# 2242
Delta R.T. 0.006 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19



Tgt Ion:252 Resp: 654273
Ion Ratio Lower Upper
252 100
253 21.4 17.3 25.9
125 7.5 6.6 9.8





#89

Benzo(k)fluoranthene

Concen: 40.776 ng

RT: 15.309 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF131256.D

Acq: 16 Nov 2022 10:19

Instrument :

BNA_F

ClientSampleId :

PB148852BS

Tgt Ion:252 Resp: 588490

Ion Ratio Lower Upper

252 100

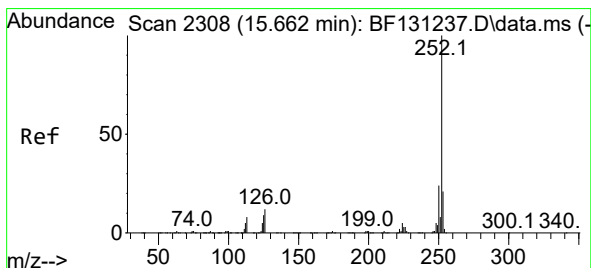
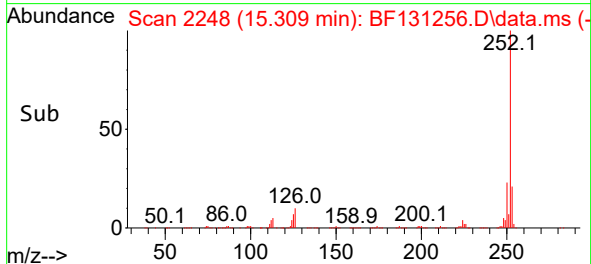
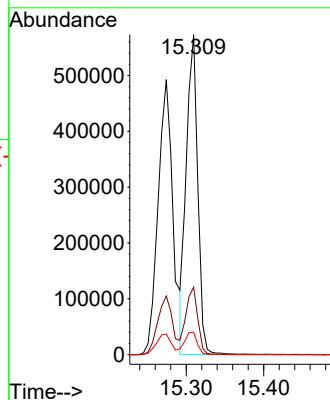
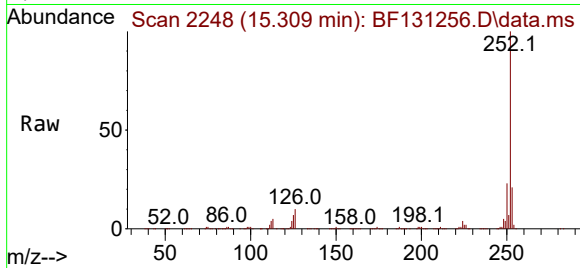
253 21.1 17.5 26.3

125 7.0 6.6 9.8

Manual Integrations

APPROVED

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



#90

Benzo(a)pyrene

Concen: 46.076 ng

RT: 15.668 min Scan# 2309

Delta R.T. 0.006 min

Lab File: BF131256.D

Acq: 16 Nov 2022 10:19

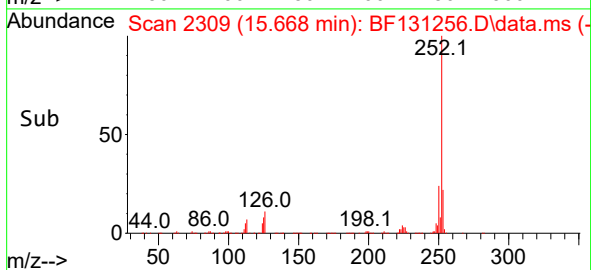
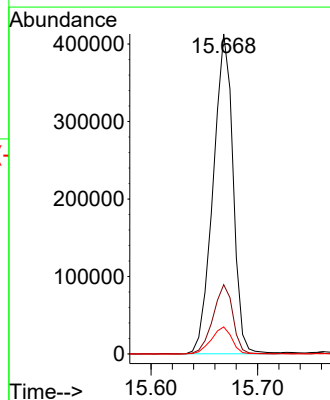
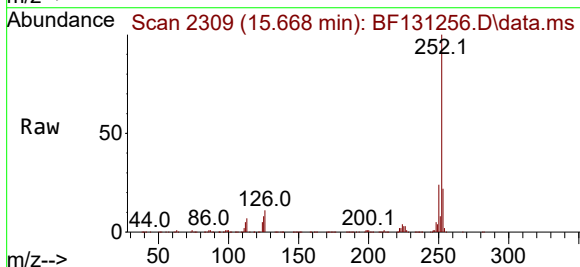
Tgt Ion:252 Resp: 536214

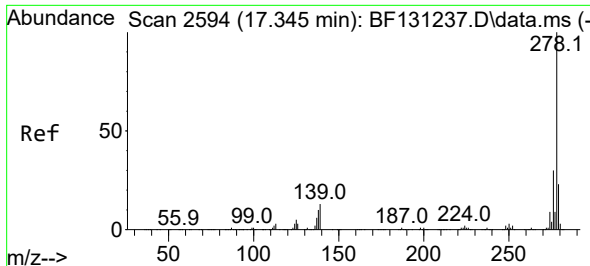
Ion Ratio Lower Upper

252 100

253 21.7 16.9 25.3

125 8.5 7.0 10.4





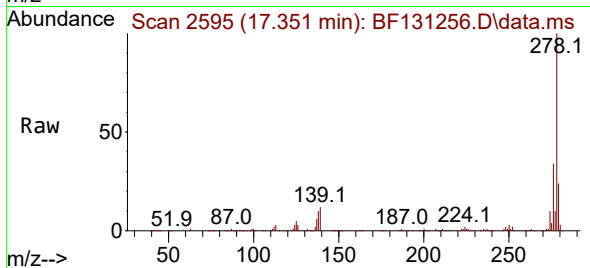
#91
Dibenzo(a,h)anthracene
Concen: 44.763 ng
RT: 17.351 min Scan# 2594
Delta R.T. 0.006 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19

Instrument :

BNA_F

ClientSampleId :

PB148852BS

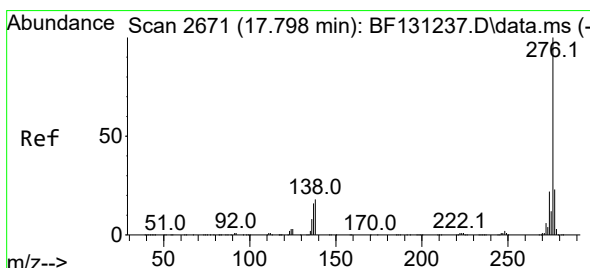
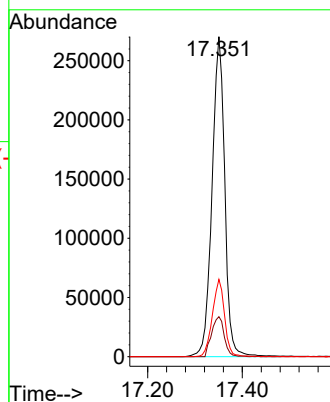
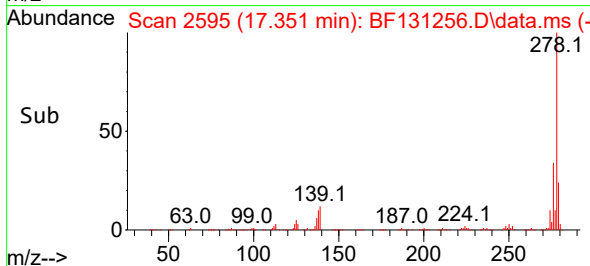


Tgt Ion:278 Resp: 505908
Ion Ratio Lower Upper
278 100
139 12.5 10.1 15.1
279 24.1 18.2 27.4

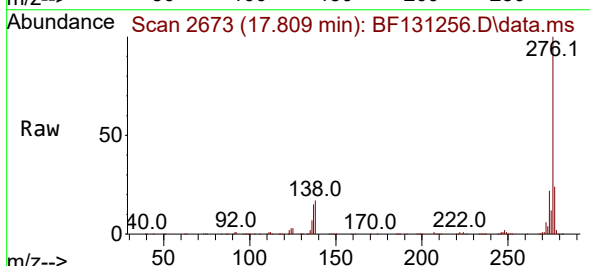
Manual Integrations

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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: 38.987 ng
RT: 17.809 min Scan# 2673
Delta R.T. 0.011 min
Lab File: BF131256.D
Acq: 16 Nov 2022 10:19



Tgt Ion:276 Resp: 483945
Ion Ratio Lower Upper
276 100
277 23.7 18.6 27.8
138 17.0 14.5 21.7

